

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086303.D
 Acq On : 20 Apr 2016 12:10
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Apr 20 19:25:14 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	259484	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1084786	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	462421	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	718671	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	409393	20.00	ng	-0.03
86) Perylene-d12	15.45	264	464111	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1534385	103.17	ng	-0.02
7) Phenol-d6	6.50	99	1816202	93.32	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1697162	89.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	336637	93.40	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2263748	96.35	ng	-0.03
78) Terphenyl-d14	12.97	244	1559252	90.66	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	409200	50.79	ng	98
3) Pyridine	3.20	79	979687	47.50	ng	97
4) n-Nitrosodimethylamine	3.14	42	381585	53.69	ng	# 76
6) Aniline	6.53	93	1302245	49.72	ng	100
8) 2-Chlorophenol	6.65	128	804985	45.57	ng	93
9) Benzaldehyde	6.41	77	634040	45.96	ng	91
10) Phenol	6.51	94	1047881	46.98	ng	94
11) bis(2-Chloroethyl)ether	6.60	93	880906	45.22	ng	86
12) 1,3-Dichlorobenzene	7.04	146	723393	37.32	ng	99
13) 1,4-Dichlorobenzene	6.89	146	959182	46.32	ng	96
14) 1,2-Dichlorobenzene	7.04	146	812238	44.21	ng	95
15) Benzyl Alcohol	7.01	79	607441	50.23	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1345140	49.07	ng	93
17) 2-Methylphenol	7.13	107	723056	48.97	ng	96
18) Hexachloroethane	7.38	117	303206	49.12	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	536872	45.54	ng	# 86
20) 3+4-Methylphenols	7.28	107	692785	43.26	ng	# 83
22) Acetophenone	7.28	105	980411	43.02	ng	# 83
24) Nitrobenzene	7.45	77	921891	45.49	ng	91
25) Isophorone	7.70	82	1682641	46.89	ng	95
26) 2-Nitrophenol	7.77	139	478291	52.77	ng	# 83
27) 2,4-Dimethylphenol	7.81	122	830226	46.70	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	958165	45.65	ng	100
29) 2,4-Dichlorophenol	8.01	162	663450	47.32	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	701280	46.37	ng	97
31) Naphthalene	8.18	128	2460246	47.58	ng	98
32) Benzoic acid	7.94	122	569399	53.90	ng	95
33) 4-Chloroaniline	8.22	127	1033374	48.28	ng	96
34) Hexachlorobutadiene	8.29	225	323762	42.48	ng	97
35) Caprolactam	8.61	113	238445	52.53	ng	90
36) 4-Chloro-3-methylphenol	8.70	107	728735	46.23	ng	95
37) 2-Methylnaphthalene	8.86	142	1379970	43.22	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	597914	48.58	ng	96
40) Hexachlorocyclopentadiene	9.01	237	143580	48.28	ng	99

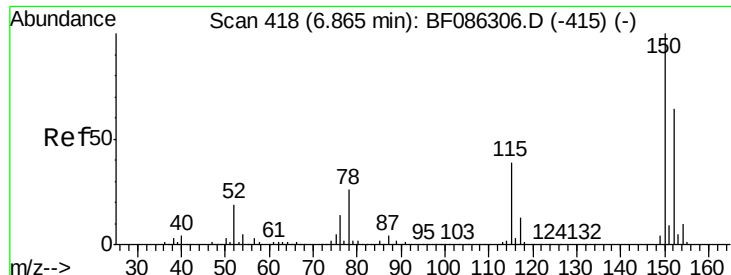
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	407749	47.75	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	461103	49.58	nq	95
45) 1,1'-Biphenyl	9.33	154	1693929	46.64	nq	97
46) 2-Chloronaphthalene	9.36	162	1342978	48.80	nq	97
47) 2-Nitroaniline	9.45	65	468242	50.07	nq	92
48) Acenaphthylene	9.77	152	1982989	46.15	nq	100
49) Dimethylphthalate	9.63	163	1557684	44.24	nq	99
50) 2,6-Dinitrotoluene	9.69	165	360591	49.77	nq	# 64
51) Acenaphthene	9.94	154	1136006	45.06	nq	100
52) 3-Nitroaniline	9.86	138	434153	47.12	nq	97
53) 2,4-Dinitrophenol	9.96	184	66776	47.13	nq	# 74
54) Dibenzofuran	10.11	168	1619391	47.24	nq	95
55) 4-Nitrophenol	10.02	139	289581	50.69	nq	# 79
56) 2,4-Dinitrotoluene	10.10	165	460196	51.11	nq	93
57) Fluorene	10.45	166	1191762	46.92	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	303284	48.60	nq	98
59) Diethylphthalate	10.33	149	1531606	44.58	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	536435	45.60	nq	92
61) 4-Nitroaniline	10.48	138	422337	48.97	nq	87
62) Azobenzene	10.60	77	1547730	45.70	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	112127	49.41	nq	# 71
65) n-Nitrosodiphenylamine	10.57	169	1174033	49.58	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	354367	45.89	nq	# 84
67) Hexachlorobenzene	11.00	284	377659	48.73	nq	# 76
68) Atrazine	11.09	200	347941	47.81	nq	97
69) Pentachlorophenol	11.18	266	209162	51.52	nq	98
70) Phenanthrene	11.41	178	1669986	49.04	nq	99
71) Anthracene	11.46	178	1696015	46.50	nq	99
72) Carbazole	11.62	167	1624888	47.08	nq	99
73) Di-n-butylphthalate	11.95	149	2059866	46.35	nq	100
74) Fluoranthene	12.59	202	1462731	46.32	nq	98
76) Benzidine	12.73	184	859267	47.54	nq	99
77) Pyrene	12.82	202	1409620	46.42	nq	98
79) Butylbenzylphthalate	13.45	149	790703	49.32	nq	94
80) Benzo(a)anthracene	14.01	228	1035474	48.02	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	707277	47.42	nq	98
82) Chrysene	14.04	228	1069631	45.89	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	863084	45.97	nq	99
84) Di-n-octyl phthalate	14.61	149	1633012	48.27	nq	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	1268785	52.93	nq	97
87) Benzo(b)fluoranthene	15.04	252	2408262	89.72	nq	100
88) Benzo(k)fluoranthene	15.04	252	2409531	106.63	nq	# 97
89) Benzo(a)pyrene	15.39	252	1182772	47.81	nq	98
90) Dibenzo(a,h)anthracene	16.87	278	1064424	49.28	nq	98
91) Benzo(g,h,i)perylene	17.27	276	1035971	50.03	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: BF086303.D

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SSTDIC050

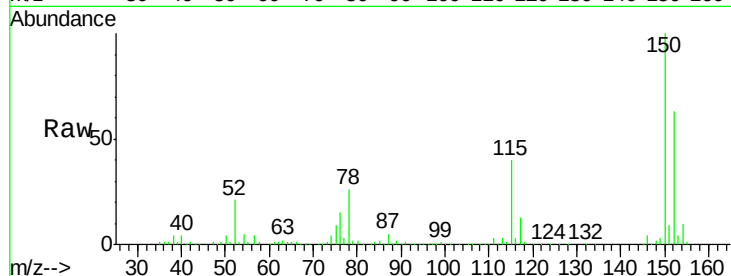
Tot Ion:152 Resp: 259484

Ion Ratio Lower Upper

152 100

150 158.3 124.1 186.1

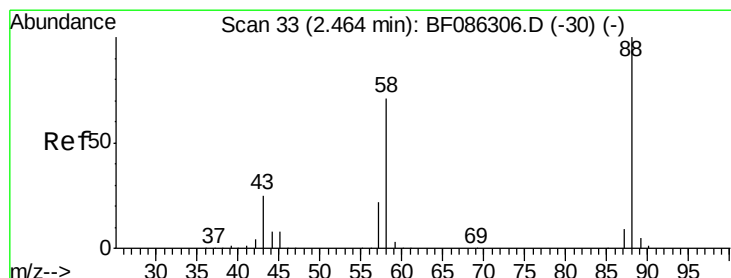
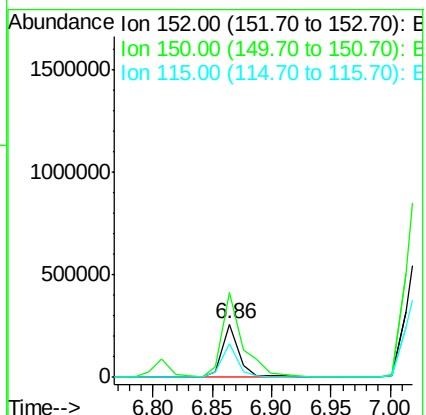
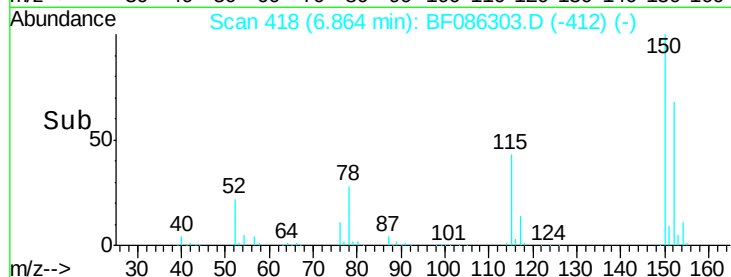
115 63.5 43.9 65.9



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: 50.79 ng

RT: 2.46 min Scan# 33

Delta R.T. -0.05 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

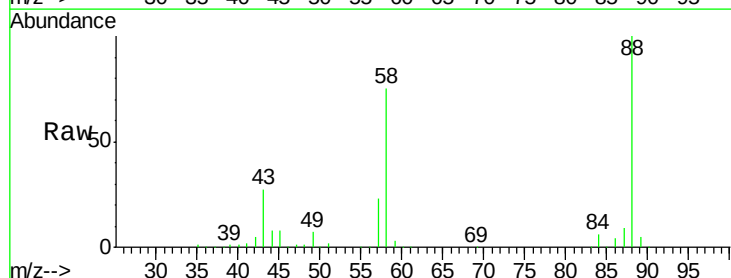
Tgt Ion: 88 Resp: 409200

Ion Ratio Lower Upper

88 100

58 72.5 58.4 87.6

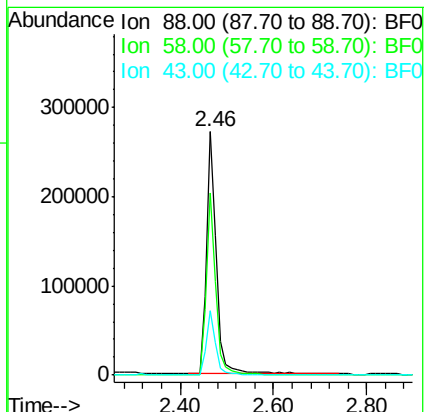
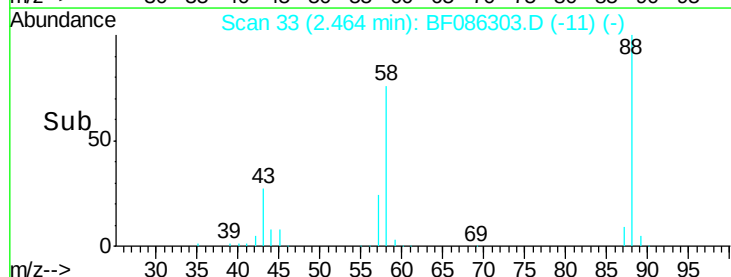
43 25.3 23.3 34.9

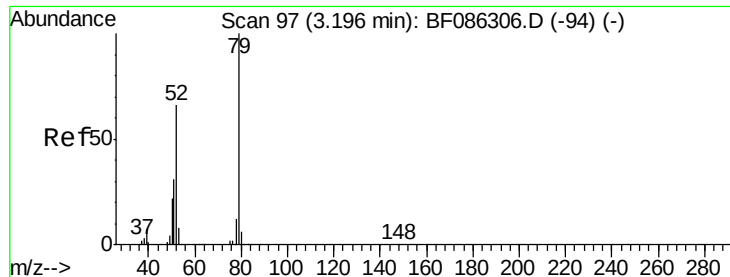


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 47.50 ng

RT: 3.20 min Scan# 97

Delta R.T. -0.06 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

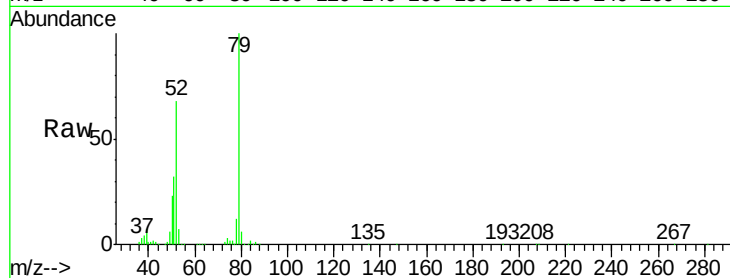
Tot Ion: 79 Resp: 979687

Ion Ratio Lower Upper

79 100

52 67.7 55.4 83.2

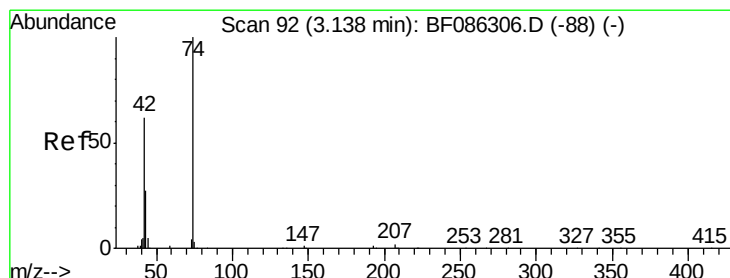
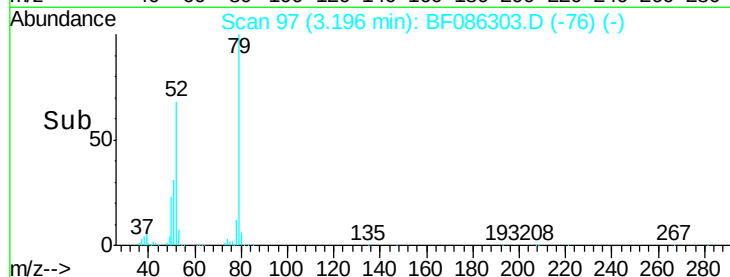
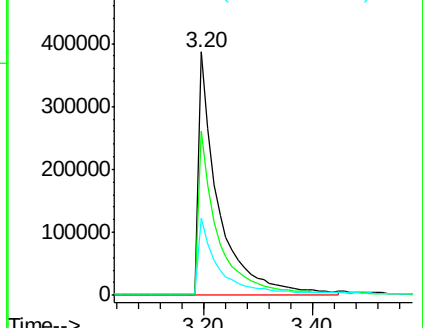
51 31.5 28.1 42.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 53.69 ng

RT: 3.14 min Scan# 92

Delta R.T. -0.06 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

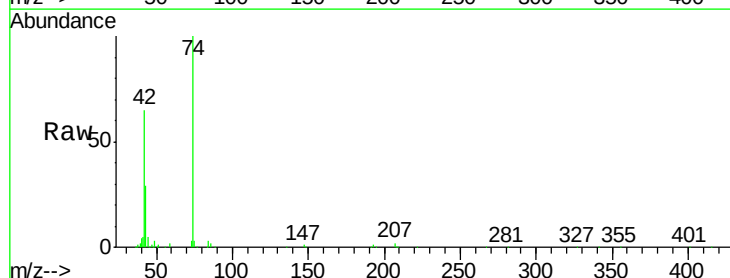
Tgt Ion: 42 Resp: 381585

Ion Ratio Lower Upper

42 100

74 154.0 100.5 150.7#

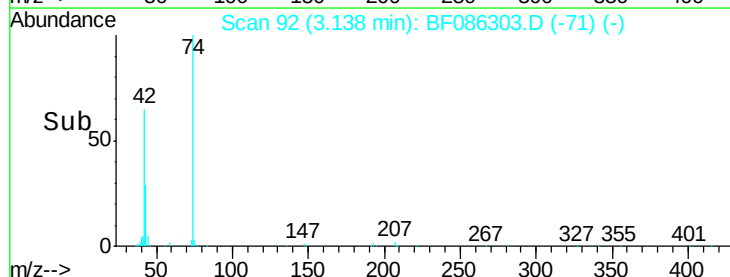
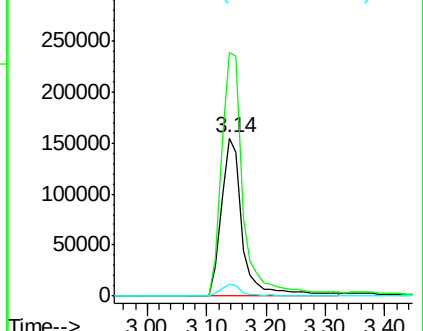
44 7.5 5.4 8.0

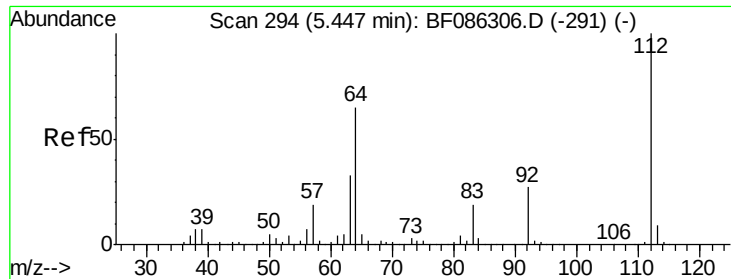


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 103.17 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.02 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

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SSTDIC050

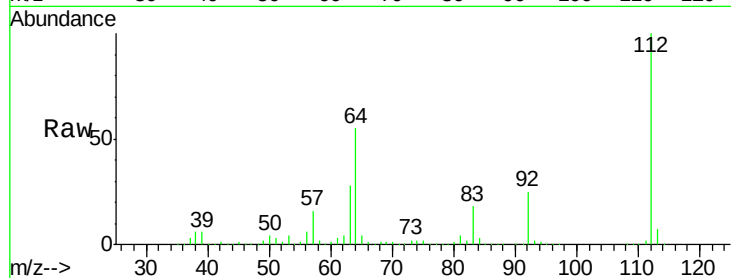
Tot Ion:112 Resp: 1534385

Ion Ratio Lower Upper

112 100

64 55.2 48.1 72.1

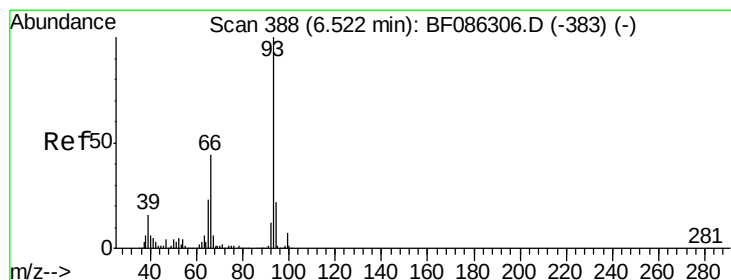
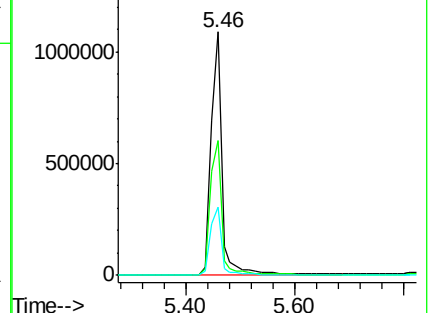
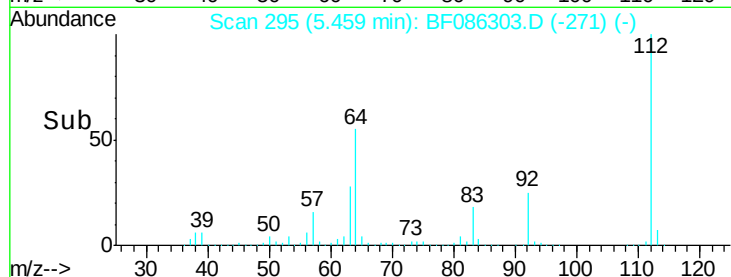
63 27.9 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 49.72 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

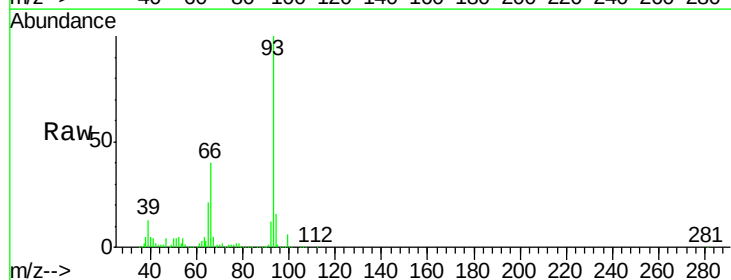
Tgt Ion: 93 Resp: 1302245

Ion Ratio Lower Upper

93 100

66 40.4 32.2 48.2

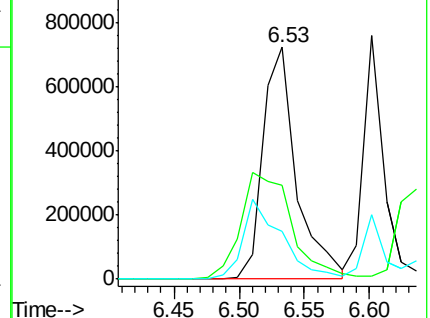
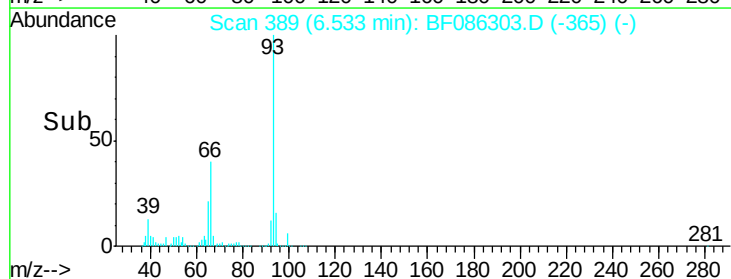
65 20.9 16.4 24.6

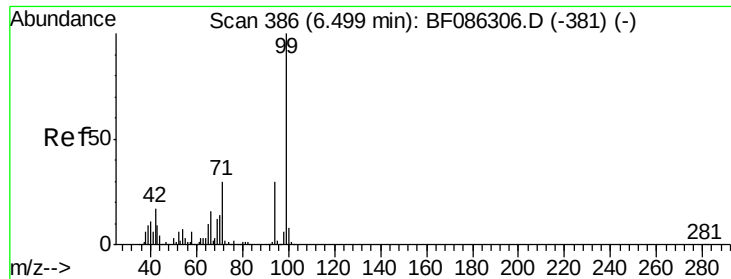


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 93.32 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

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ClientSampleId :

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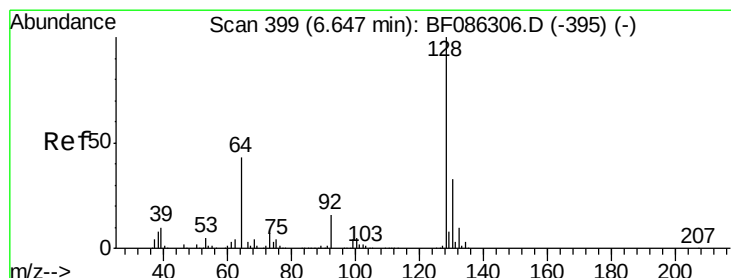
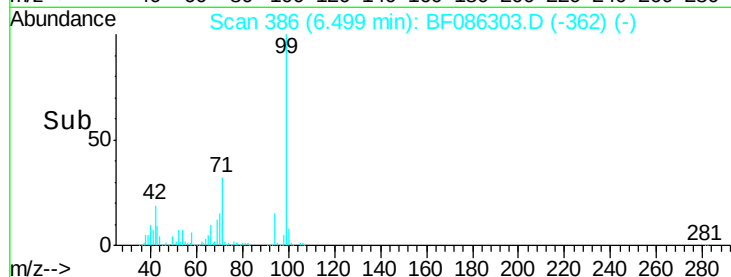
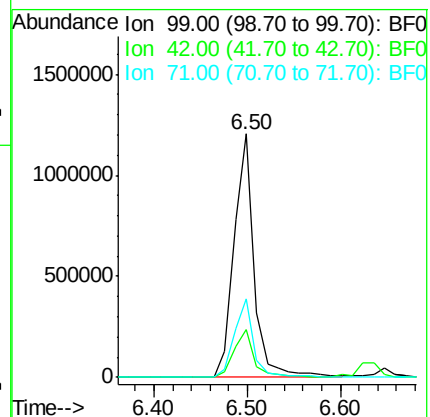
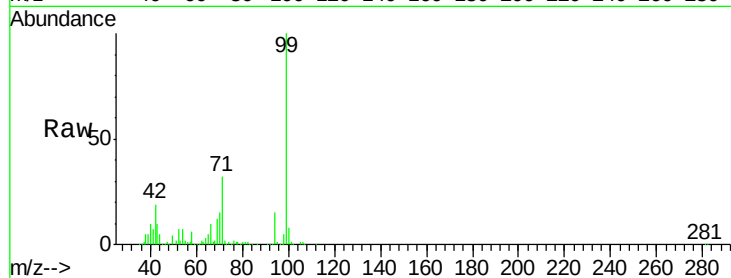
Tot Ion: 99 Resp: 1816202

Ion Ratio Lower Upper

99 100

42 19.5 15.4 23.2

71 32.3 25.6 38.4



#8

2-Chlorophenol

Concen: 45.57 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

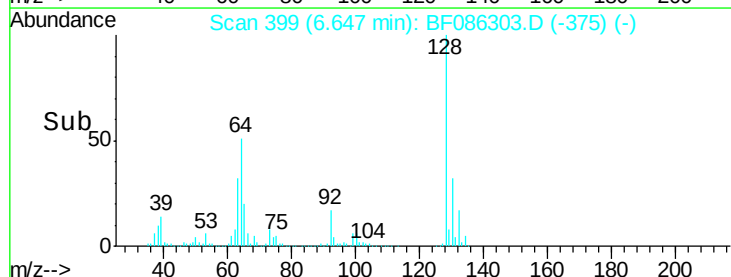
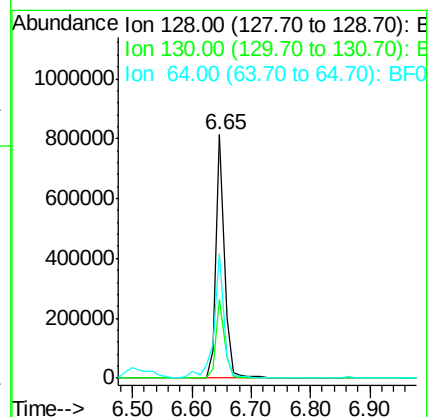
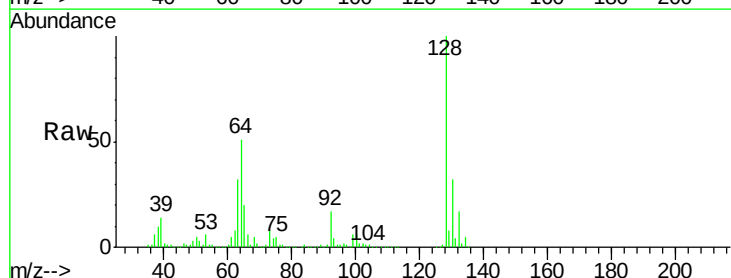
Tgt Ion: 128 Resp: 804985

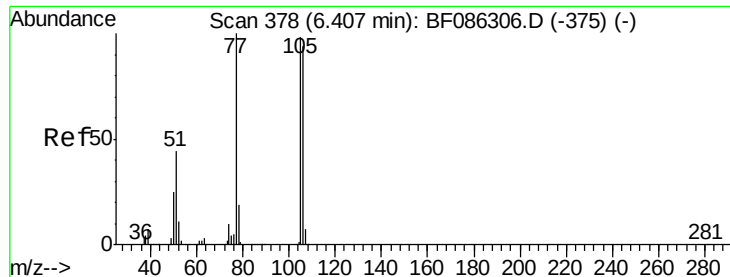
Ion Ratio Lower Upper

128 100

130 32.3 11.8 51.8

64 51.3 39.5 79.5





#9

Benzaldehyde

Concen: 45.96 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

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Instrument :

BNA_F

ClientSampleId :

SSTDICC050

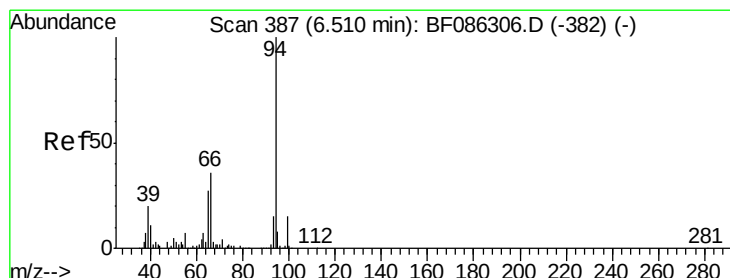
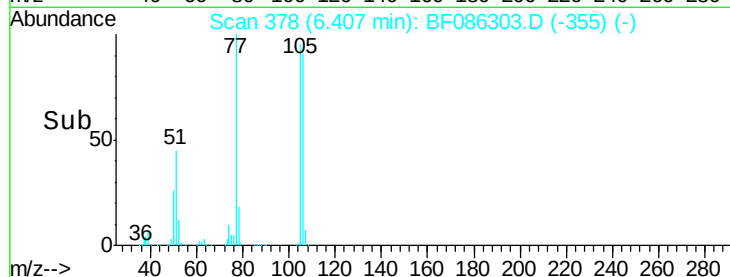
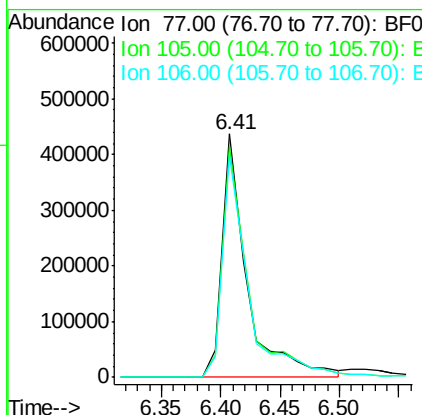
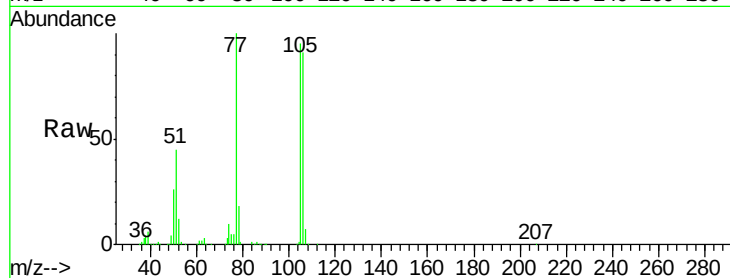
Tot Ion: 77 Resp: 634040

Ion Ratio Lower Upper

77 100

105 94.7 84.6 124.6

106 91.2 78.6 118.6



#10

Phenol

Concen: 46.98 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

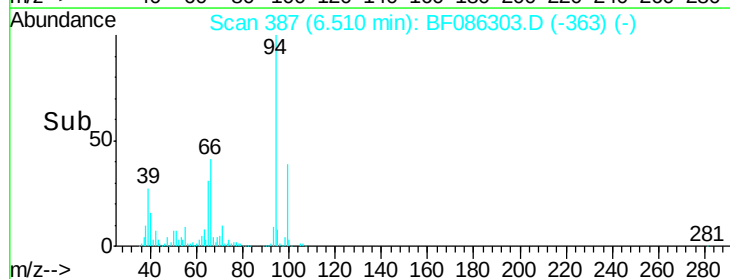
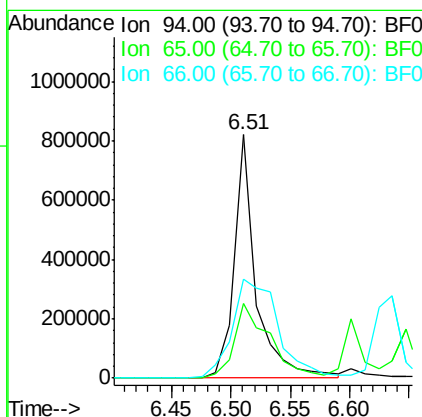
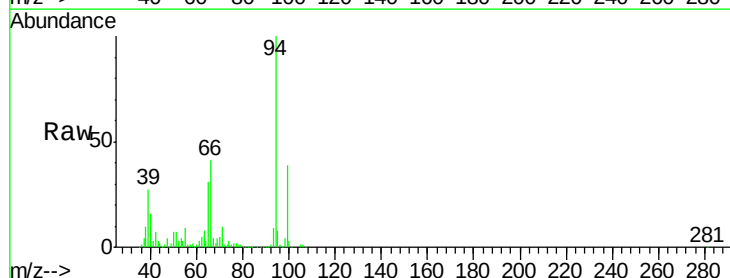
Tgt Ion: 94 Resp: 1047881

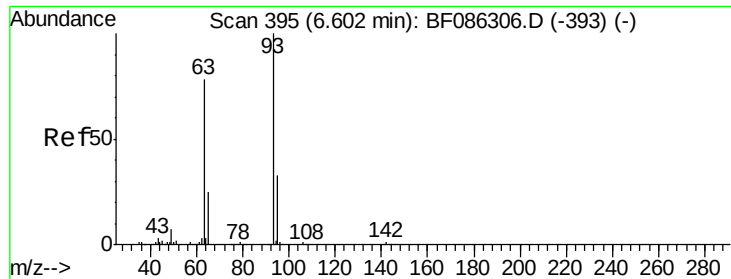
Ion Ratio Lower Upper

94 100

65 30.5 7.9 47.9

66 40.5 16.5 56.5

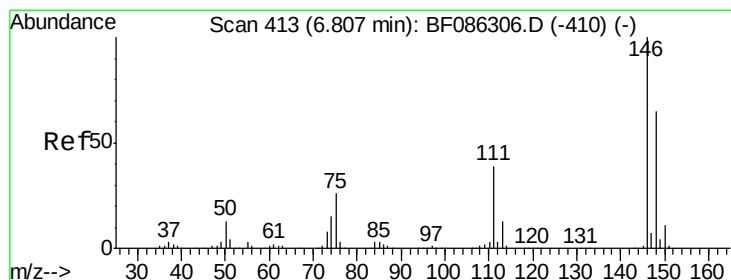
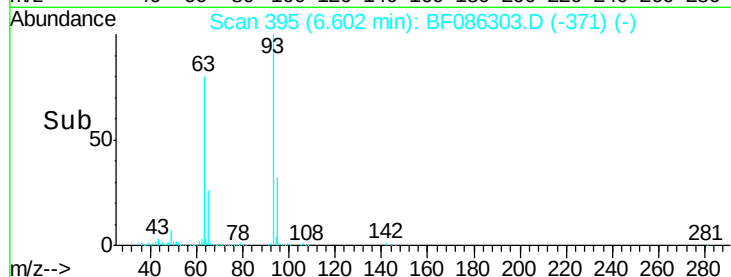
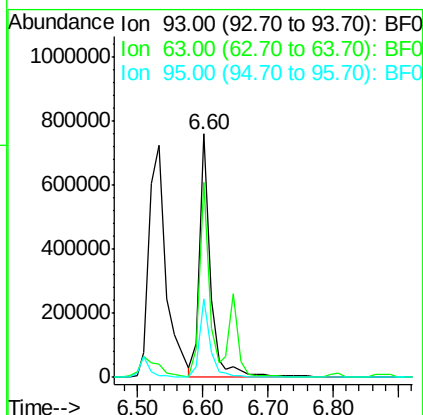
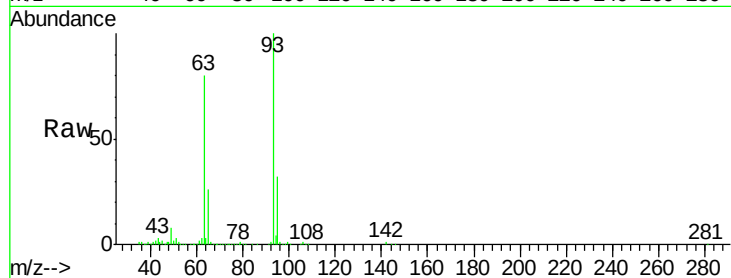




#11
bis(2-Chloroethyl)ether
Concen: 45.22 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

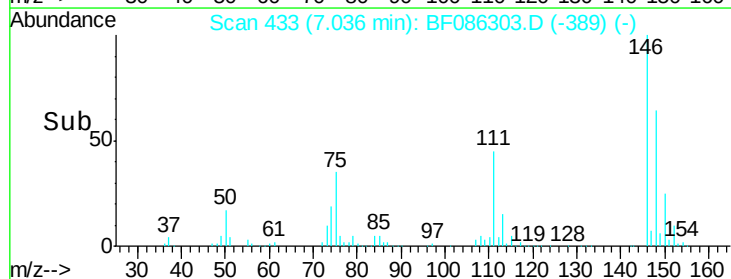
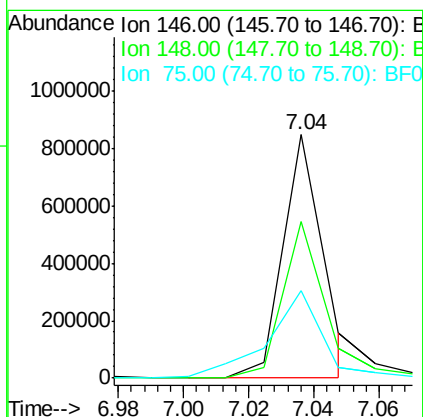
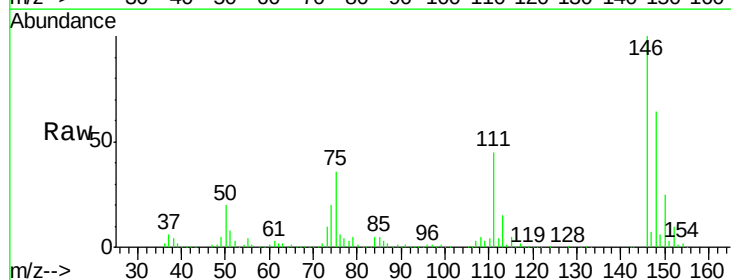
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

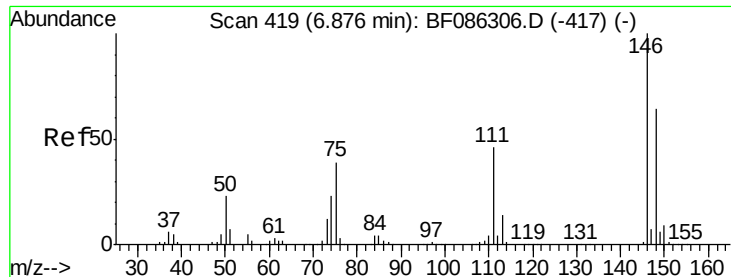
Tot Ion: 93 Resp: 880906
Ion Ratio Lower Upper
93 100
63 79.9 44.4 84.4
95 32.3 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 37.32 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.21 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

Tgt Ion: 146 Resp: 723393
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
75 35.8 29.9 44.9

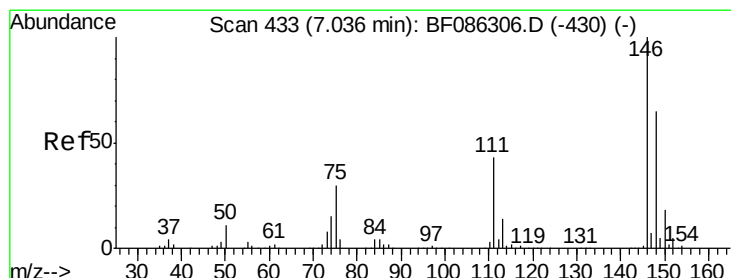
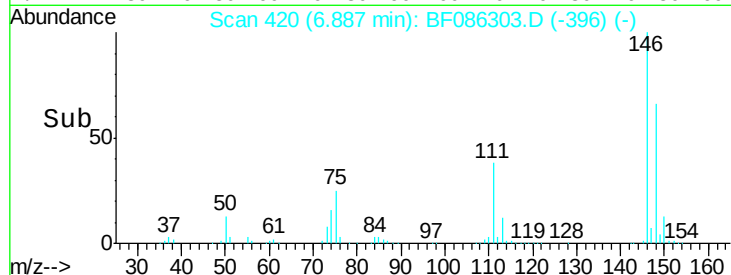
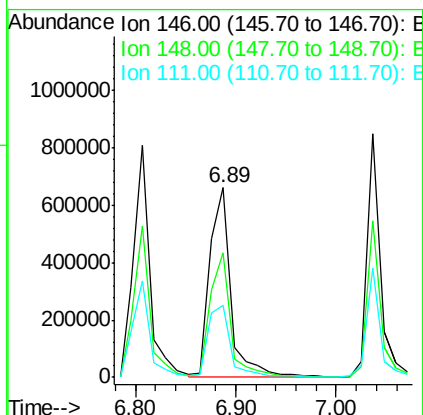
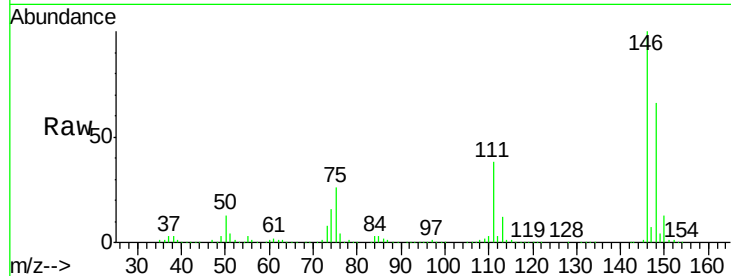




#13
 1,4-Dichlorobenzene
 Concen: 46.32 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.02 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

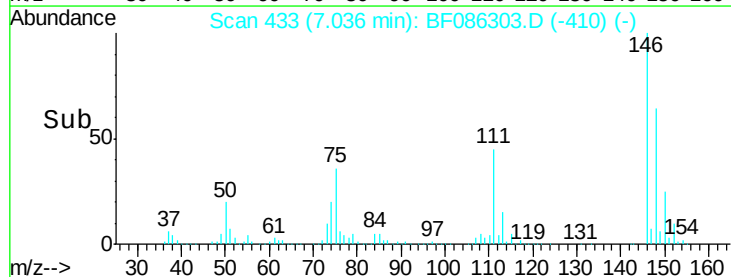
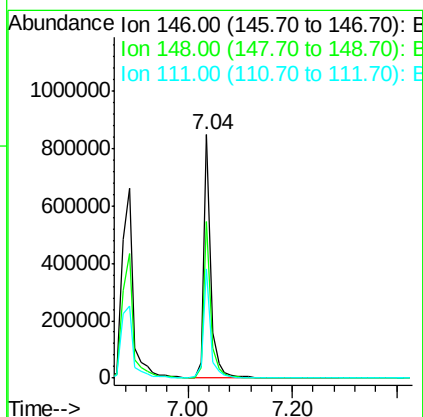
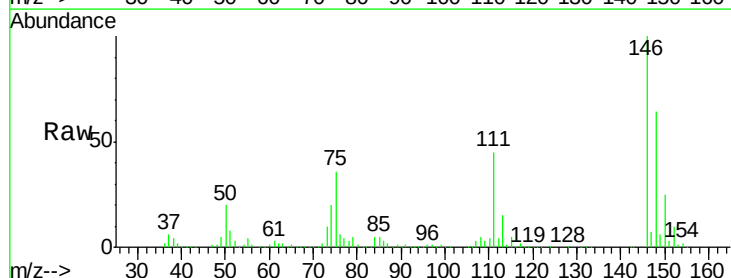
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

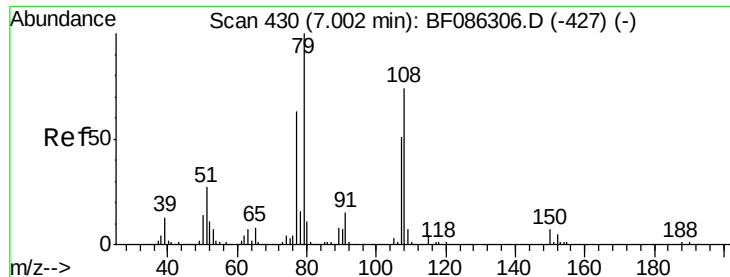
Tot Ion:146 Resp: 959182
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.8 77.6
 111 37.9 34.9 52.3



#14
 1,2-Dichlorobenzene
 Concen: 44.21 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.03 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

Tgt Ion:146 Resp: 812238
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 45.0 31.0 46.4





#15

Benzyl Alcohol

Concen: 50.23 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

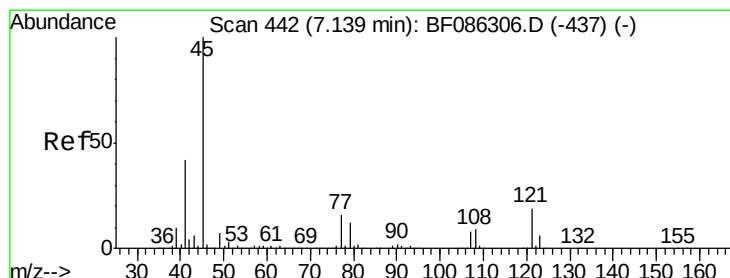
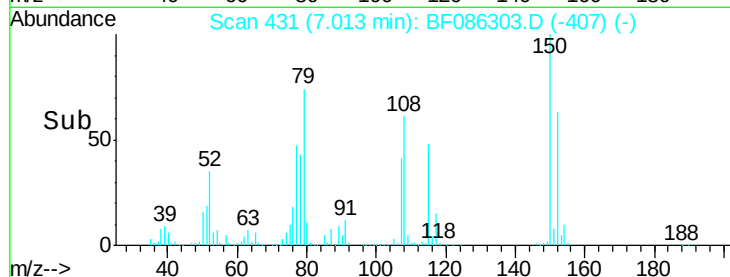
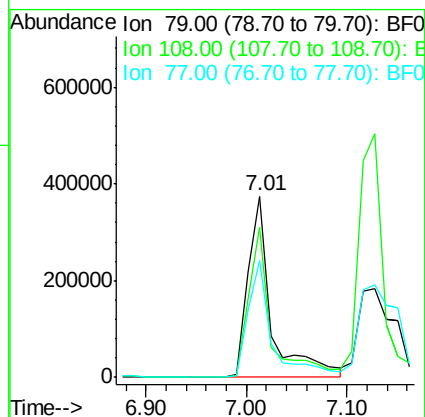
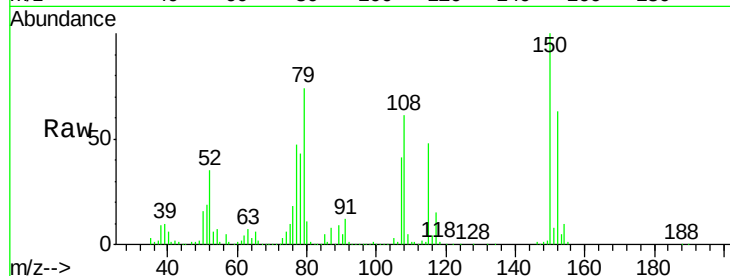
Tot Ion: 79 Resp: 607441

Ion Ratio Lower Upper

79 100

108 83.0 64.8 97.2

77 64.3 51.9 77.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.07 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

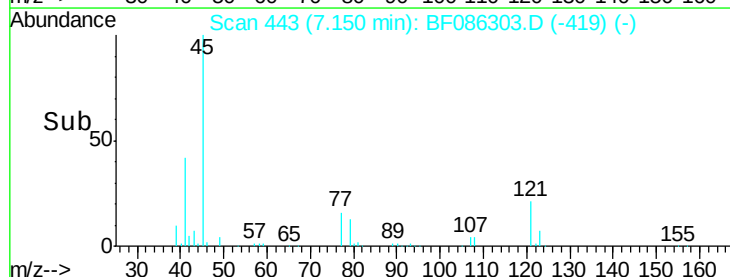
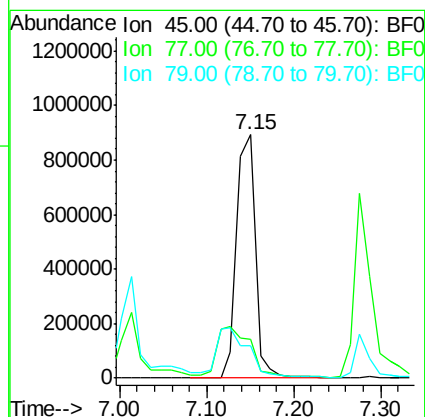
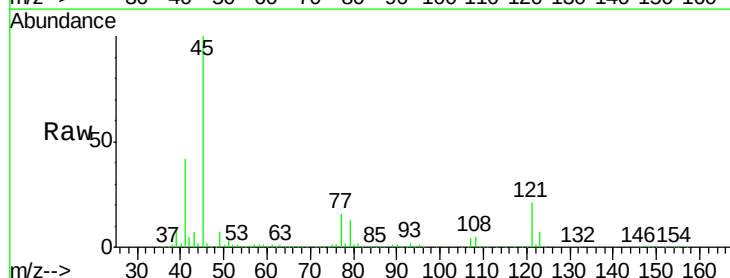
Tgt Ion: 45 Resp: 1345140

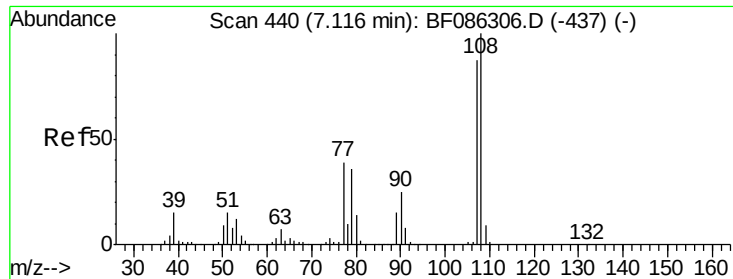
Ion Ratio Lower Upper

45 100

77 16.1 0.0 33.7

79 13.2 0.0 30.1

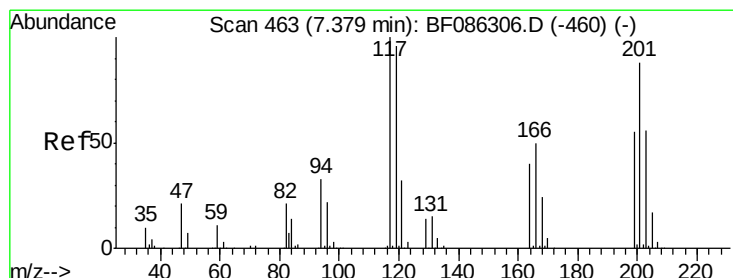
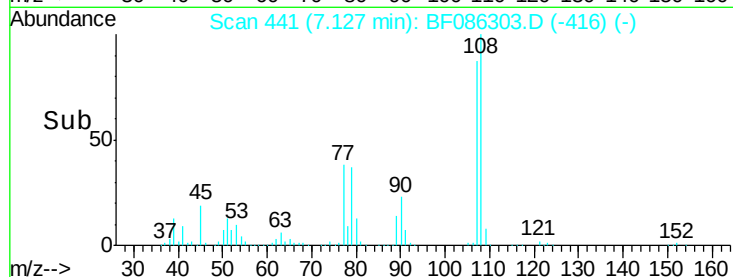
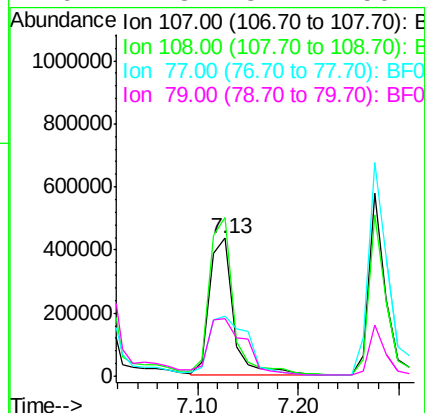
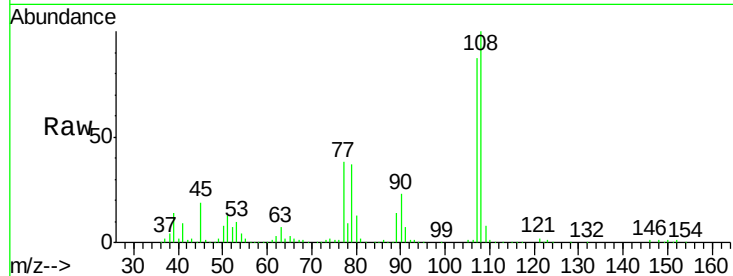




#17
2-Methylphenol
Concen: 48.97 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

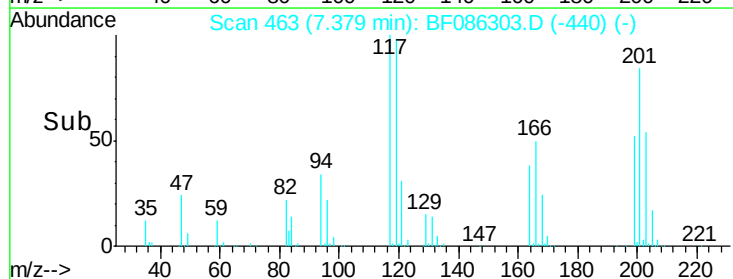
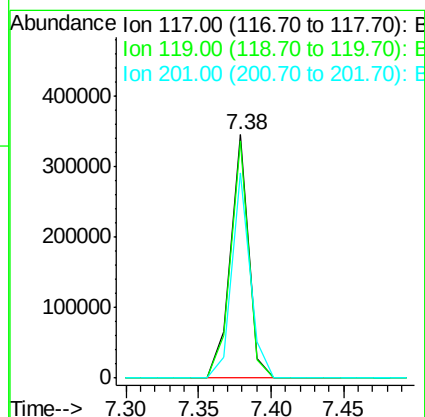
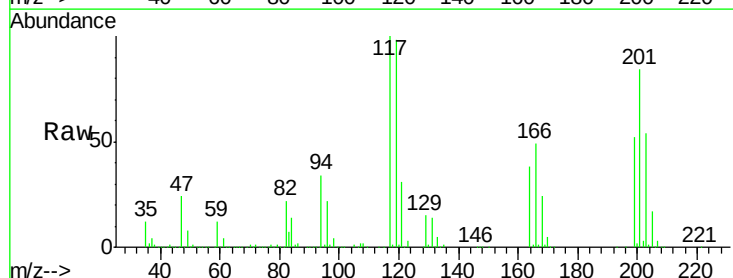
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

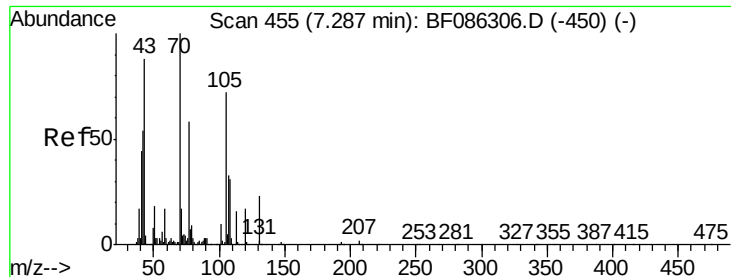
Tot Ion:	107	Resp:	723056
Ion	Ratio	Lower	Upper
107	100		
108	115.4	92.7	139.1
77	43.9	39.6	59.4
79	42.3	37.4	56.2



#18
Hexachloroethane
Concen: 49.12 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.03 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

Tgt Ion:	117	Resp:	303206
Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.2	117.4
201	84.1	75.7	113.5

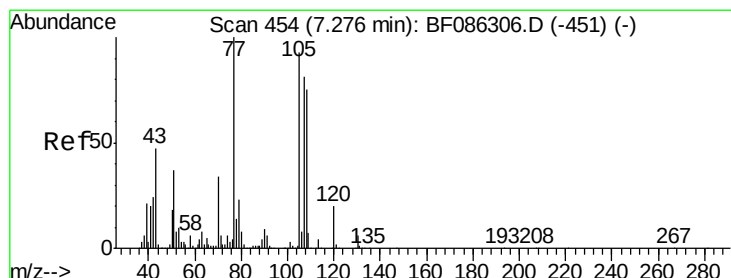
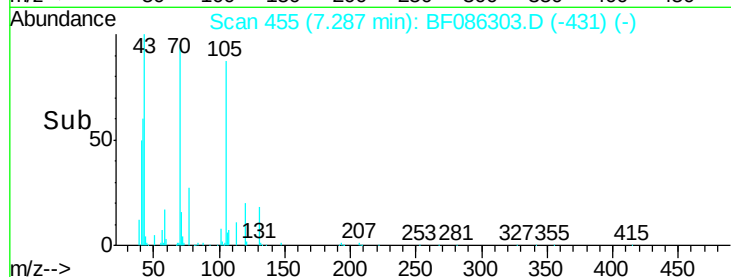
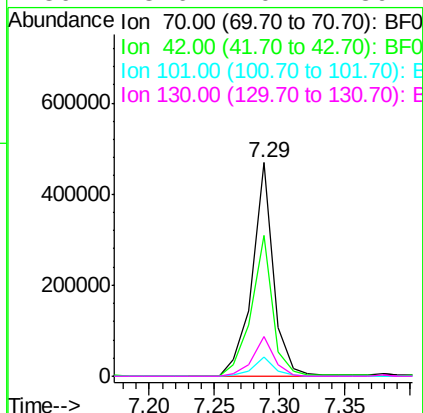
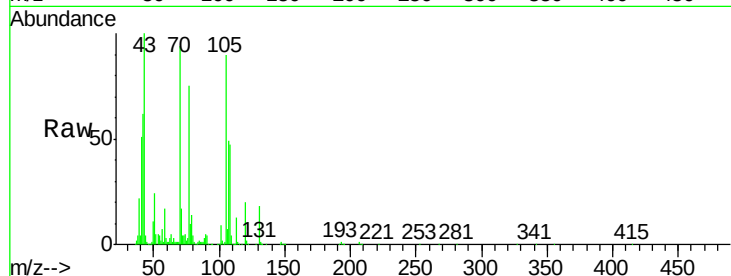




#19
n-Nitroso-di-n-propylamine
Concen: 45.54 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

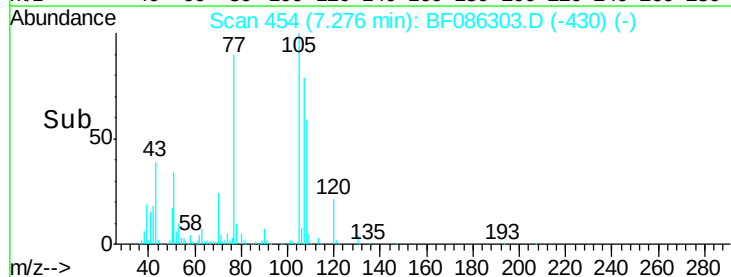
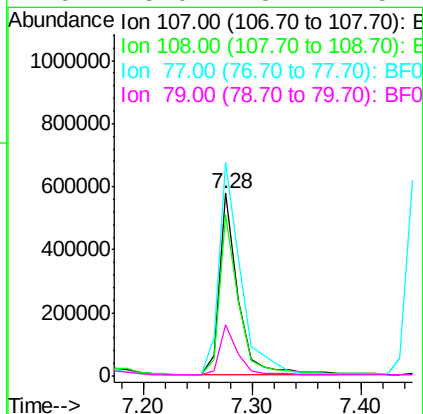
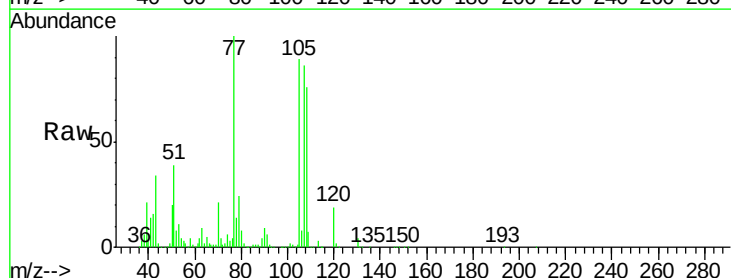
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

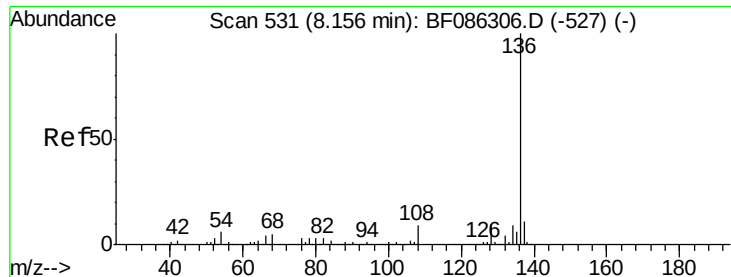
Tot Ion: 70 Resp: 536872
Ion Ratio Lower Upper
70 100
42 65.9 43.0 64.4#
101 9.3 8.1 12.1
130 18.6 20.1 30.1#



#20
3+4-Methylphenols
Concen: 43.26 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

Tgt Ion: 107 Resp: 692785
Ion Ratio Lower Upper
107 100
108 88.4 69.7 109.7
77 116.8 60.5 100.5#
79 28.0 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: BF086303.D

Acq: 20 Apr 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:136 Resp: 1084786

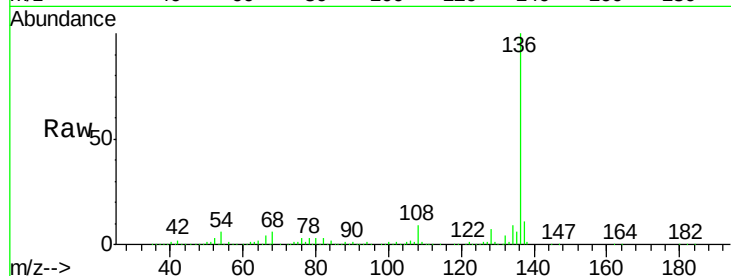
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.4 7.3 10.9#

68 5.6 5.7 8.5#

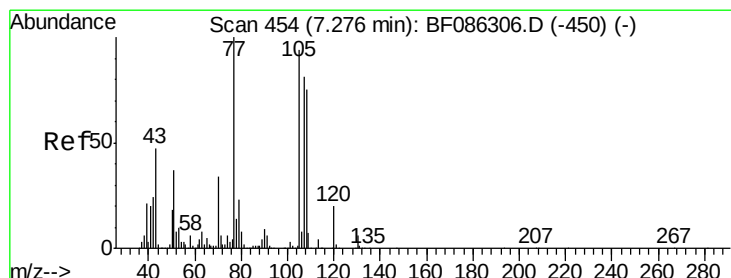
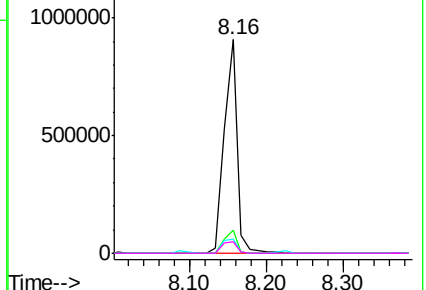
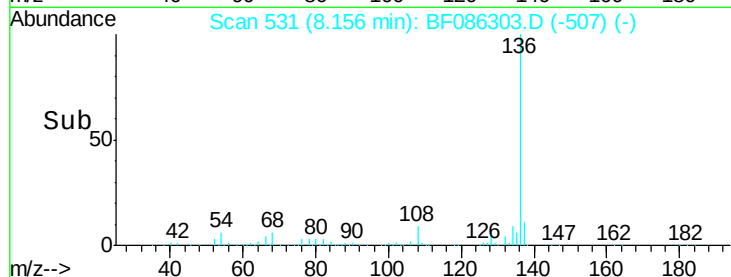


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.02 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Tgt Ion:105 Resp: 980411

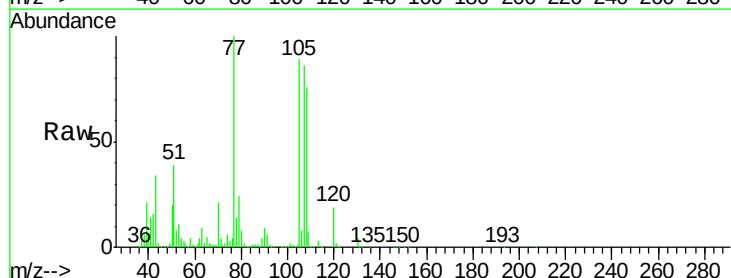
Ion Ratio Lower Upper

105 100

71 4.0 4.0 6.0#

51 43.8 22.0 33.0#

120 21.0 17.5 26.3

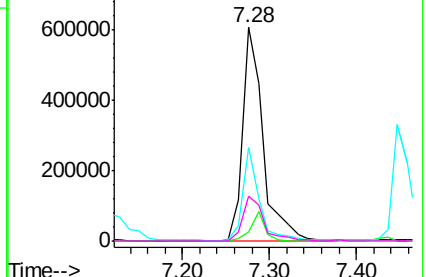
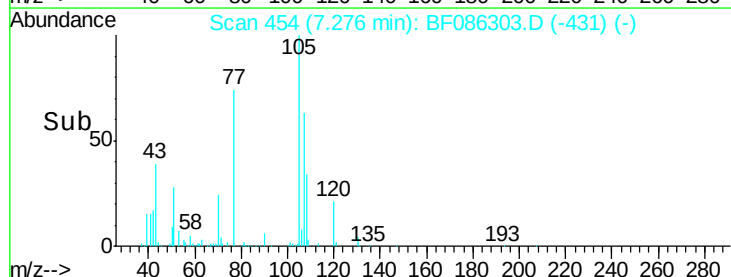


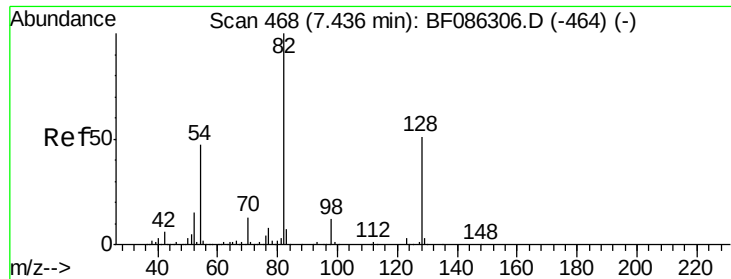
Abundance Ion 105.00 (104.70 to 105.70): E

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



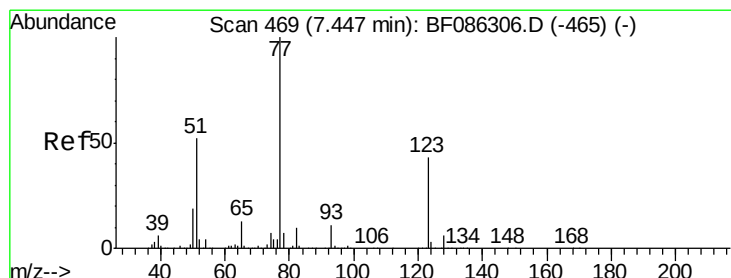
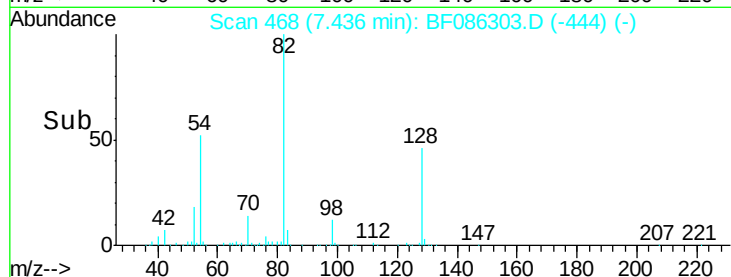
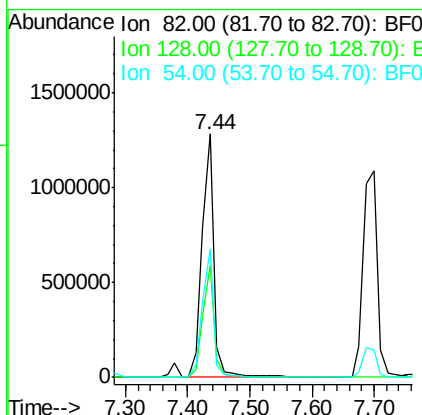
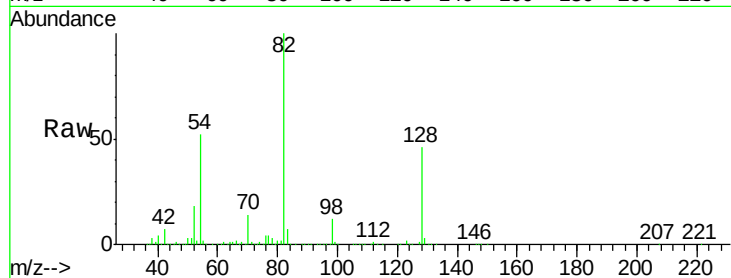


#23
 Nitrobenzene-d5
 Concen: 89.60 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion: 82 Resp: 1697162

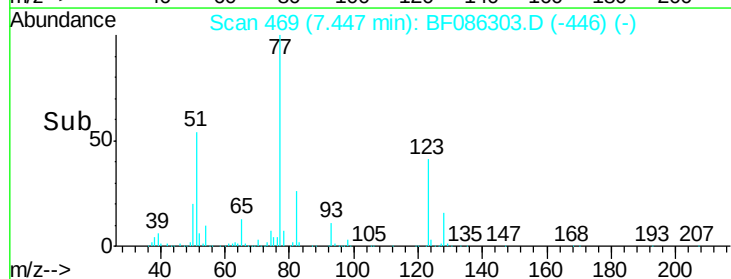
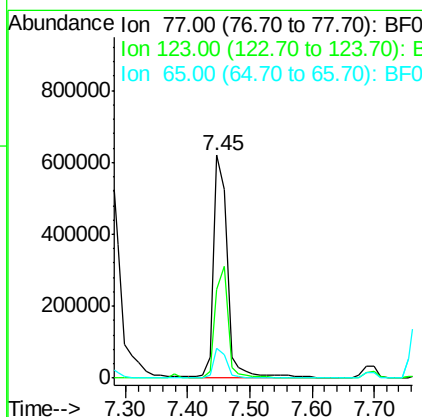
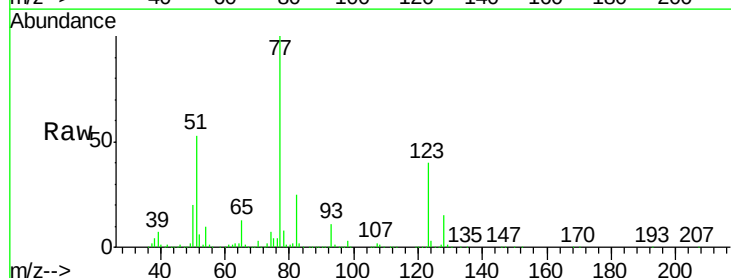
Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.4	53.2
54	52.5	43.4	65.0

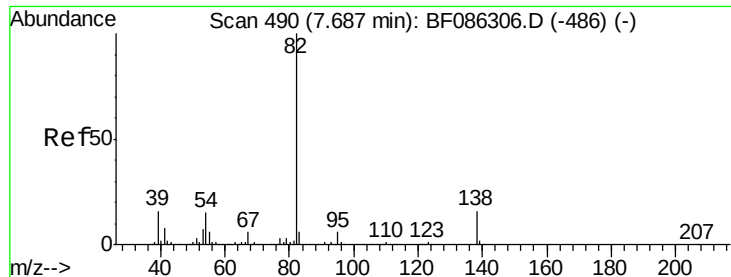


#24
 Nitrobenzene
 Concen: 45.49 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

Tgt Ion: 77 Resp: 921891

Ion	Ratio	Lower	Upper
77	100		
123	40.0	38.3	57.5
65	13.4	11.3	16.9





#25

Isophorone

Concen: 46.89 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

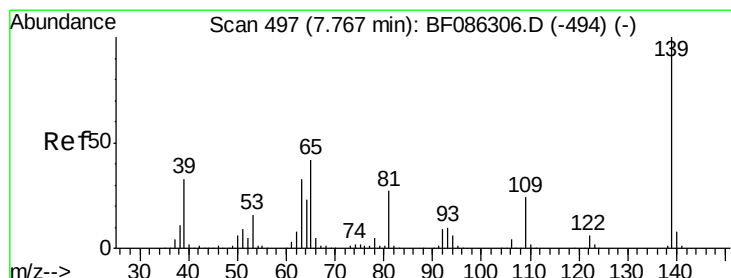
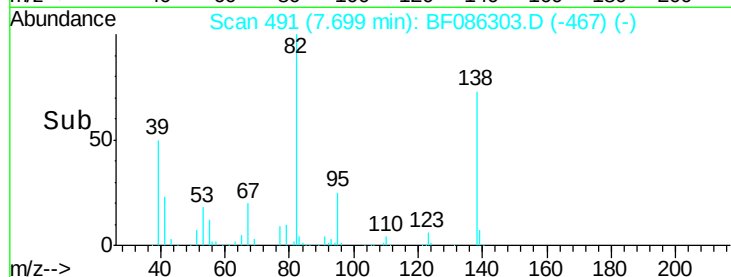
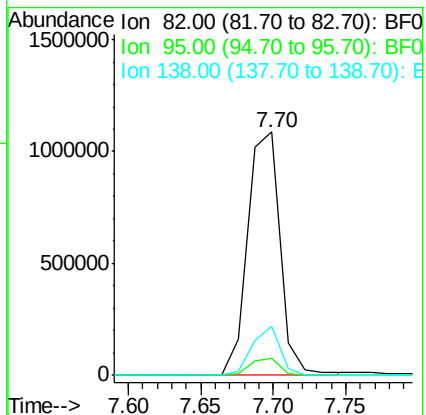
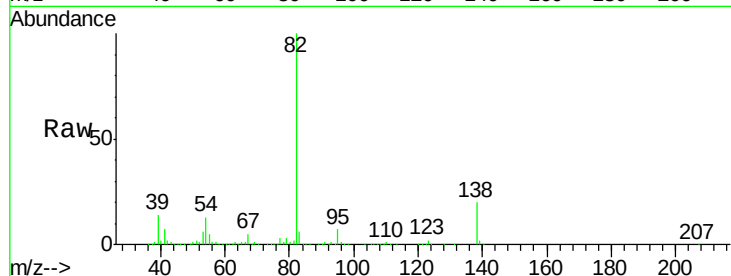
Tot Ion: 82 Resp: 1682641

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 20.0 13.4 20.2



#26

2-Nitrophenol

Concen: 52.77 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

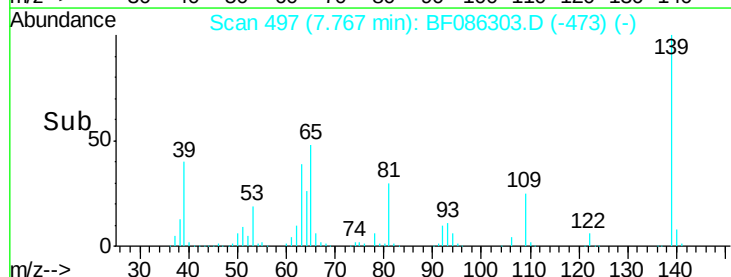
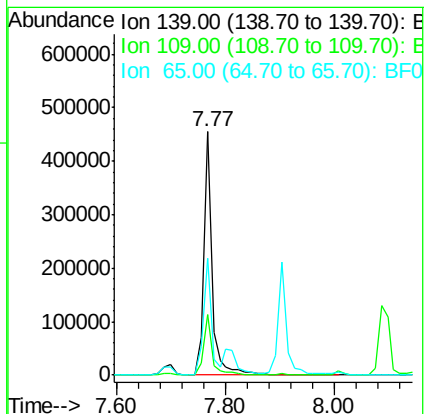
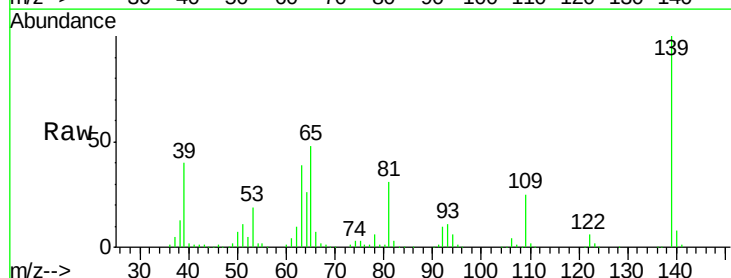
Tgt Ion: 139 Resp: 478291

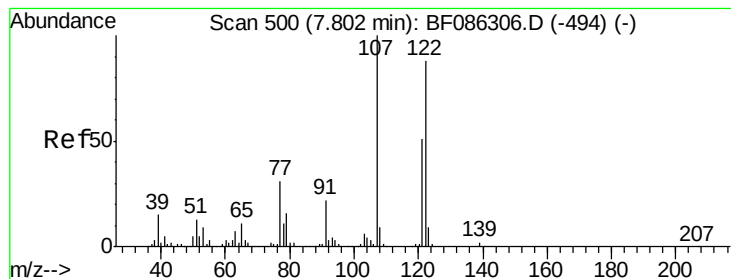
Ion Ratio Lower Upper

139 100

109 25.0 25.8 38.8#

65 48.1 50.2 75.2#

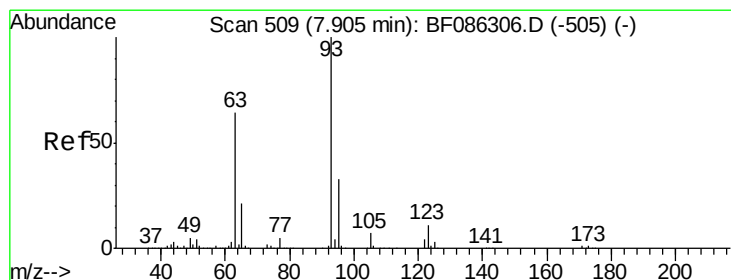
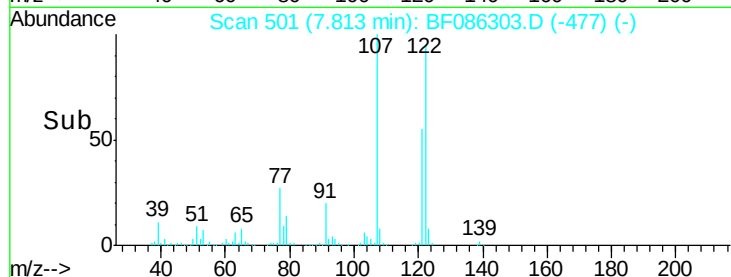
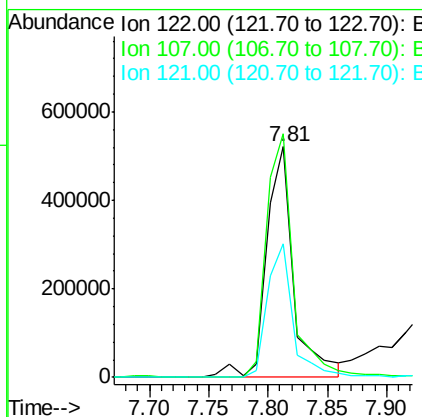
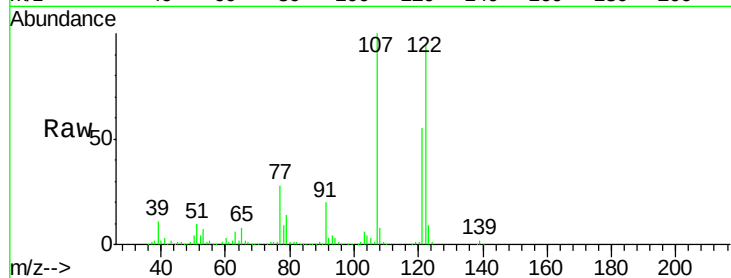




#27
 2,4-Dimethylphenol
 Concen: 46.70 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.02 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

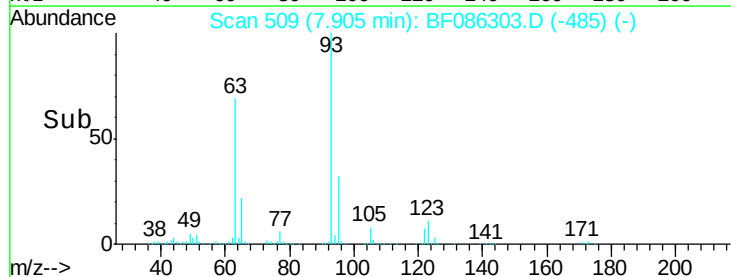
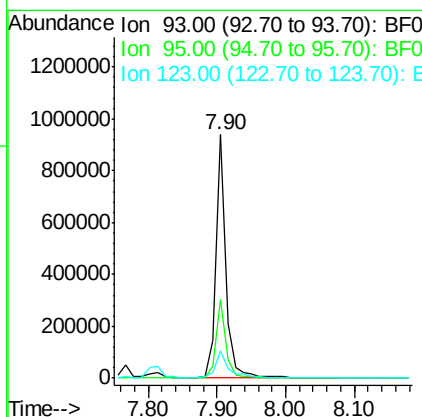
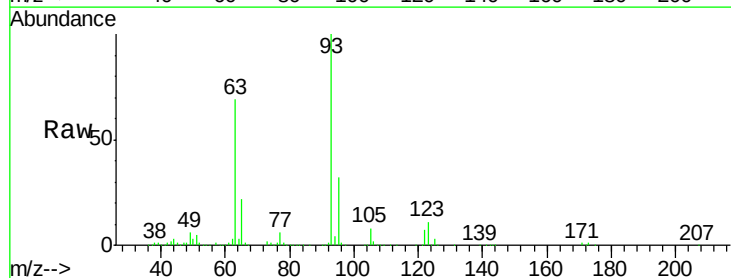
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

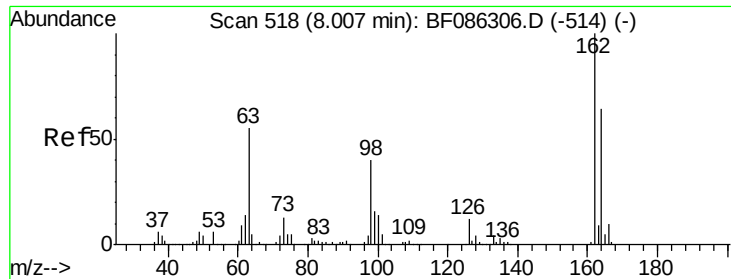
Tot Ion	Ratio	Lower	Upper
122	100		
107	105.5	85.8	128.6
121	57.6	47.1	70.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.65 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.8
123	11.3	8.9	13.3

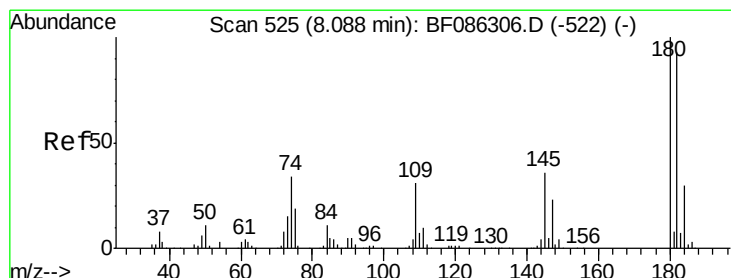
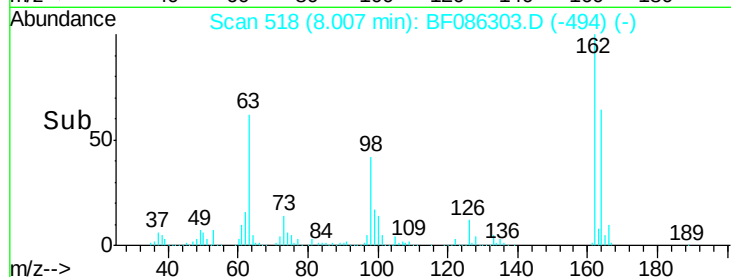
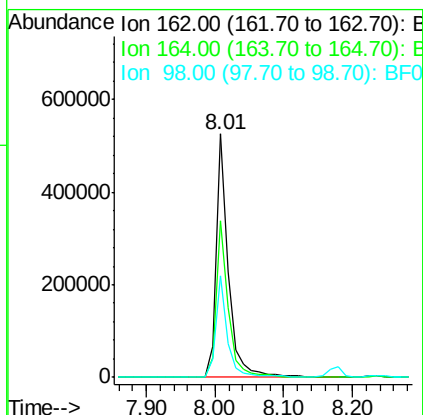
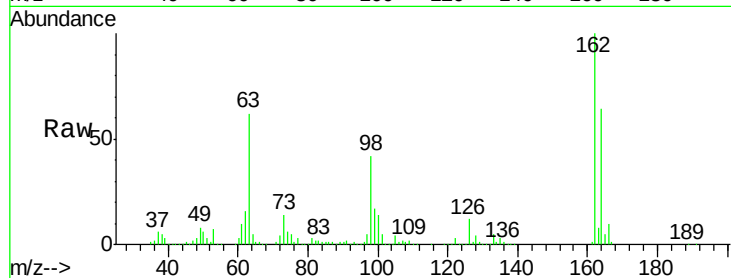




#29
 2,4-Dichlorophenol
 Concen: 47.32 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.02 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

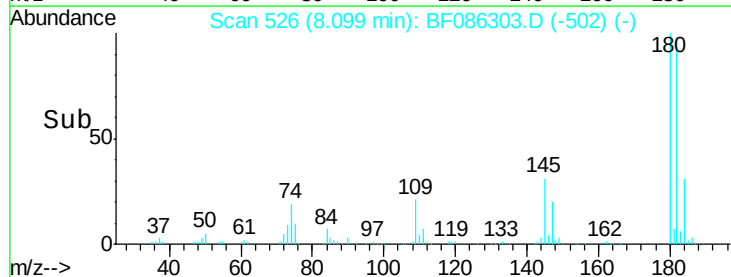
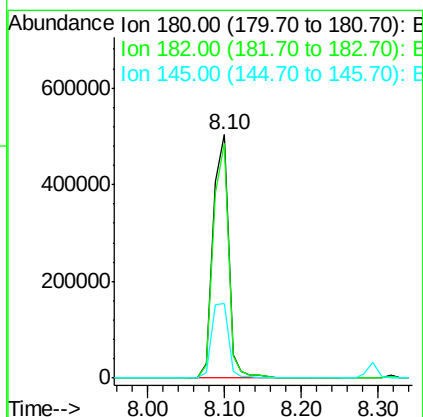
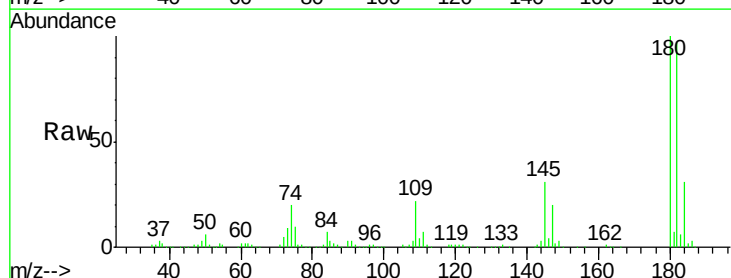
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

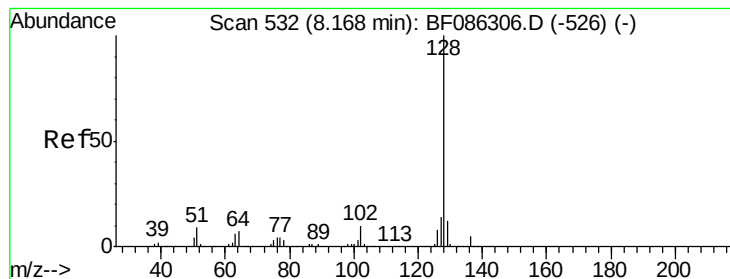
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.3	83.3
98	41.9	22.9	62.9



#30
 1,2,4-Trichlorobenzene
 Concen: 46.37 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.02 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.3	114.5
145	30.7	27.4	41.2





#31

Naphthalene

Concen: 47.58 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.02 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

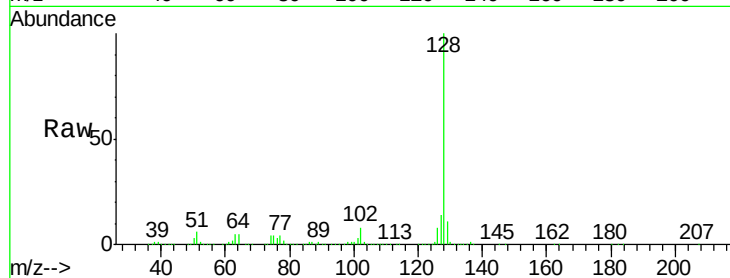
Tot Ion:128 Resp: 2460246

Ion Ratio Lower Upper

128 100

129 11.2 9.6 14.4

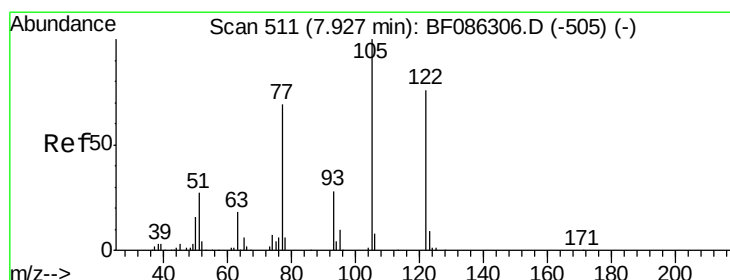
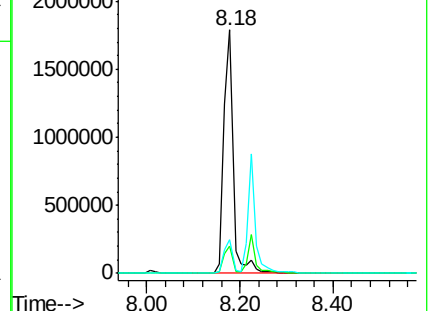
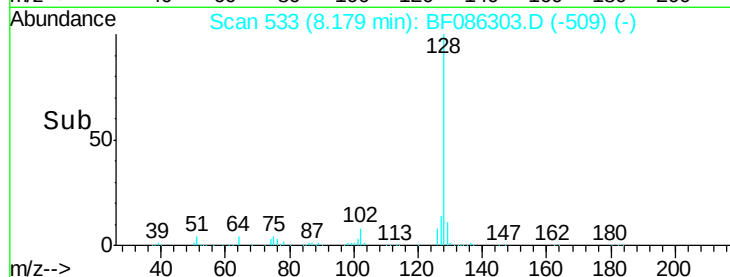
127 13.8 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 53.90 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

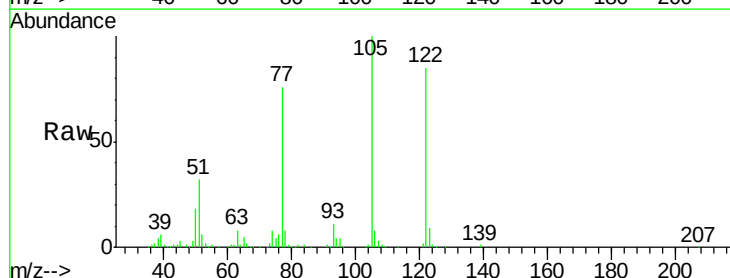
Tgt Ion:122 Resp: 569399

Ion Ratio Lower Upper

122 100

105 118.2 103.7 143.7

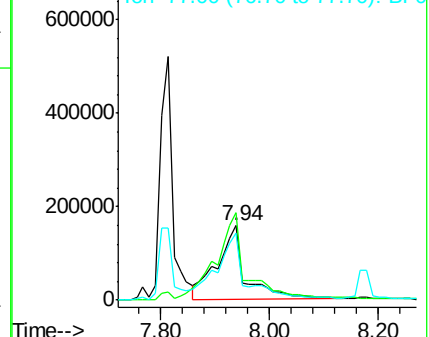
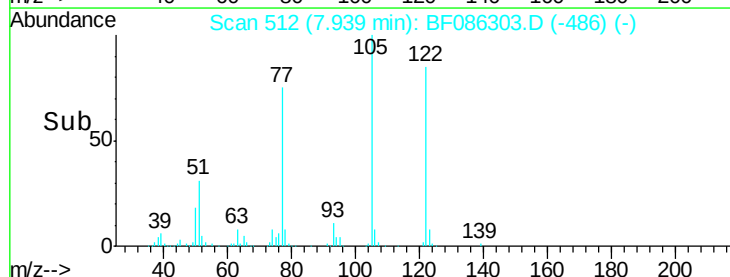
77 89.8 74.9 114.9

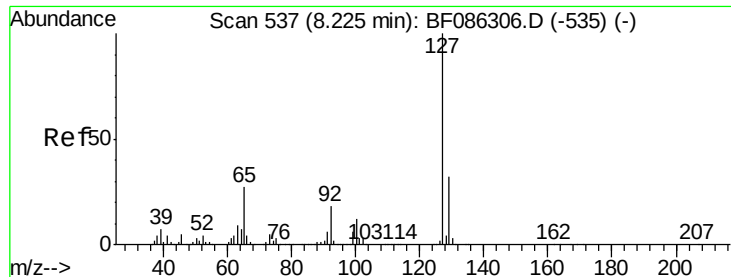


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

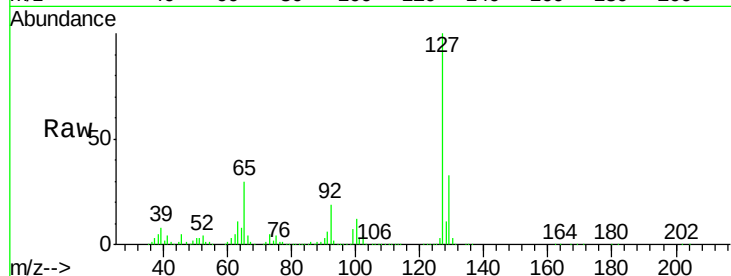




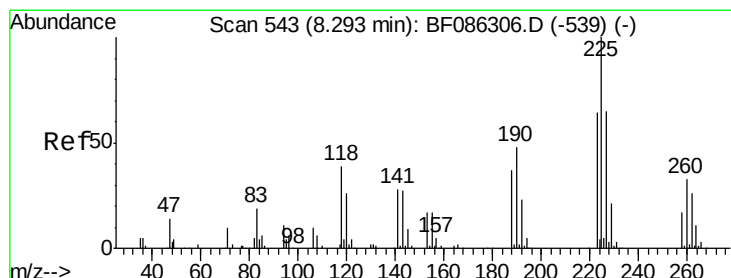
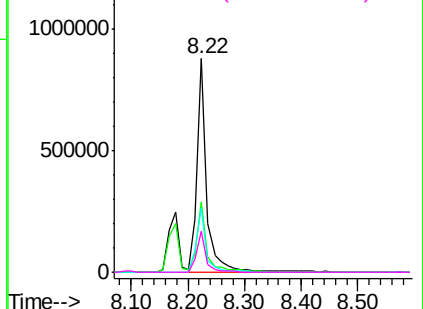
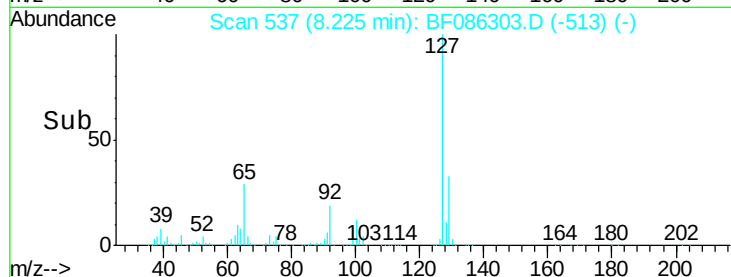
#33
4-Chloroaniline
Concen: 48.28 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:	127	Resp:	1033374
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.8	40.2
65	29.9	27.1	40.7
92	19.1	16.2	24.2

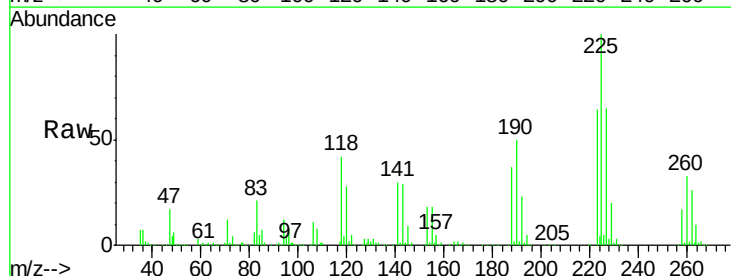


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

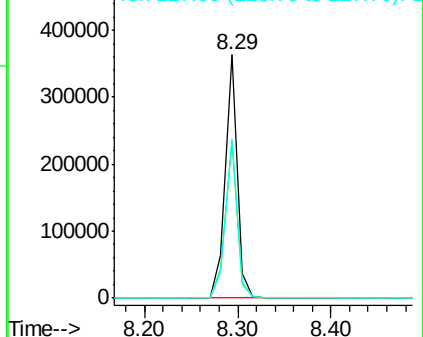
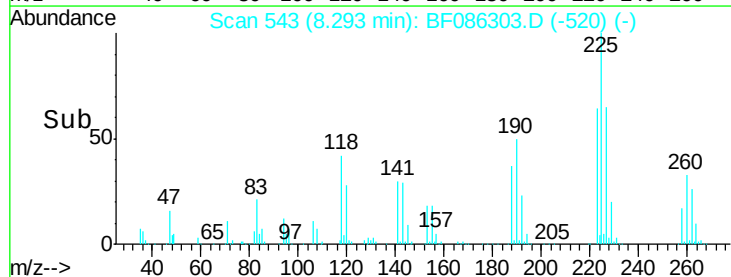


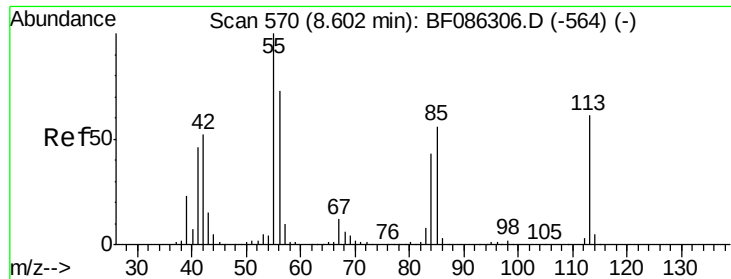
#34
Hexachlorobutadiene
Concen: 42.48 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

Tgt Ion:	225	Resp:	323762
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.4	74.0
227	65.3	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

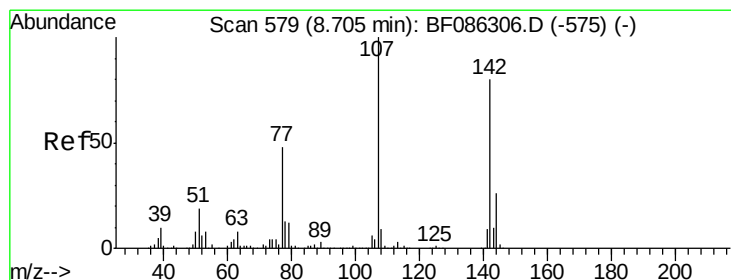
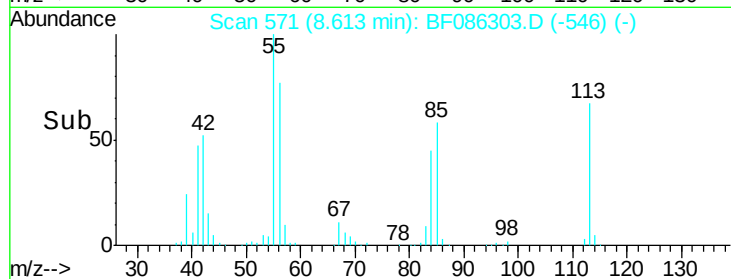
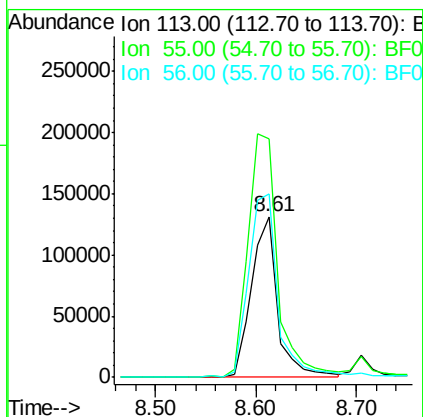
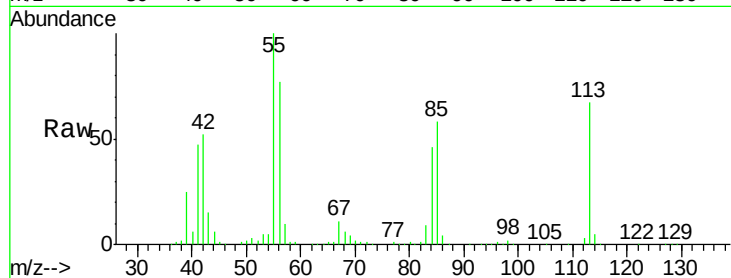




#35
Caprolactam
Concen: 52.53 ng
RT: 8.61 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

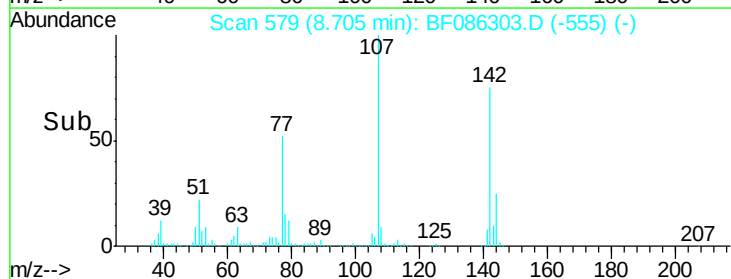
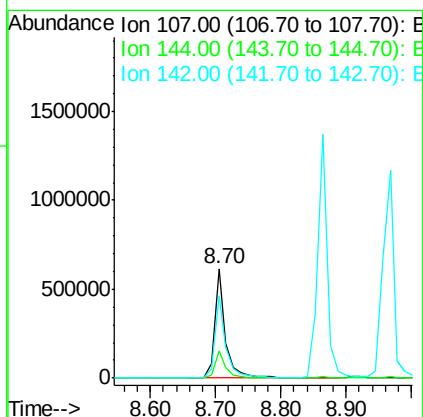
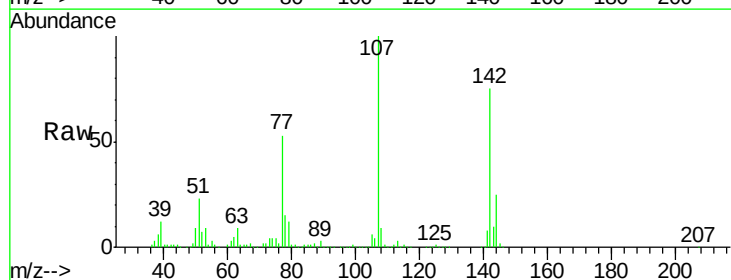
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

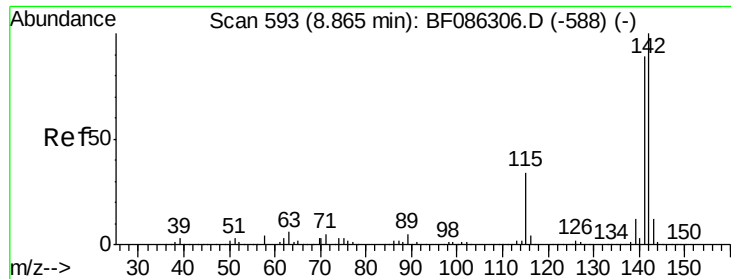
Tot Ion:113 Resp: 238445
Ion Ratio Lower Upper
113 100
55 148.6 117.5 157.5
56 114.1 82.5 122.5



#36
4-Chloro-3-methylphenol
Concen: 46.23 ng
RT: 8.70 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

Tgt Ion:107 Resp: 728735
Ion Ratio Lower Upper
107 100
144 24.8 20.7 31.1
142 75.1 64.5 96.7

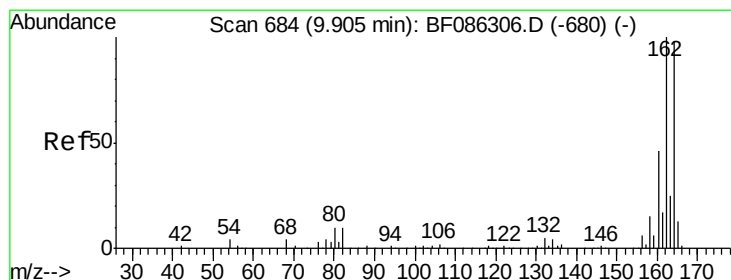
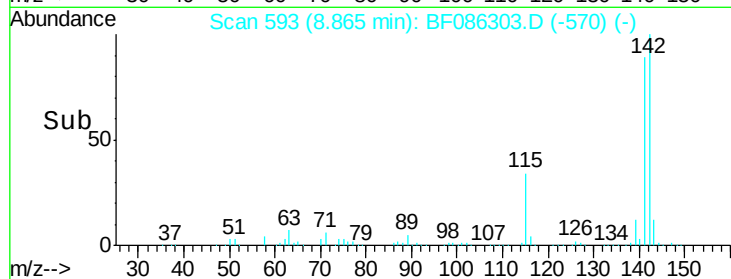
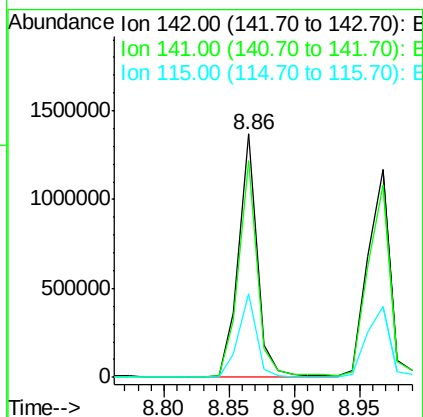
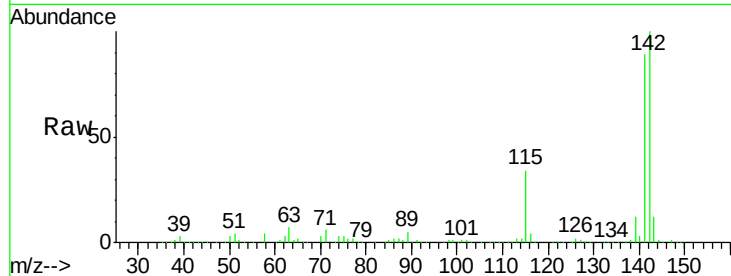




#37
2-Methylnaphthalene
Concen: 43.22 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

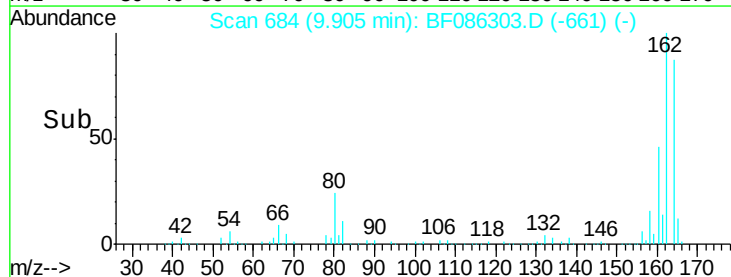
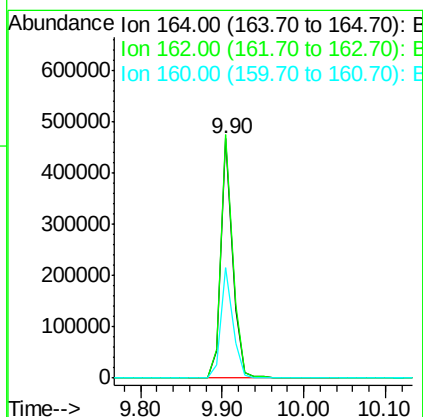
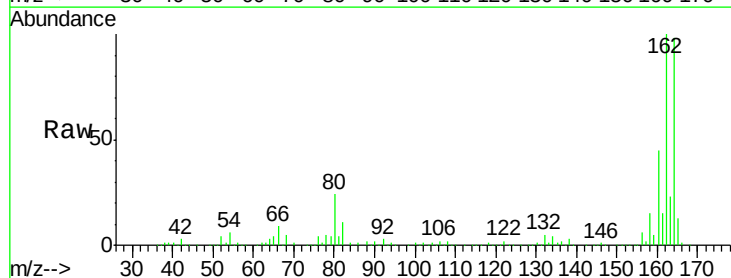
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

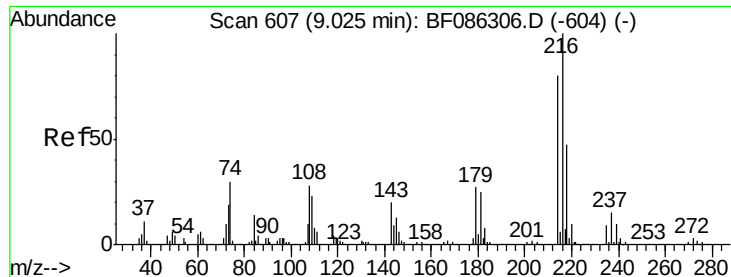
Tot Ion:142 Resp: 1379970
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7
115 34.4 25.1 37.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

Tgt Ion:164 Resp: 462421
Ion Ratio Lower Upper
164 100
162 101.7 82.8 124.2
160 46.1 38.9 58.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.58 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:216 Resp: 597914

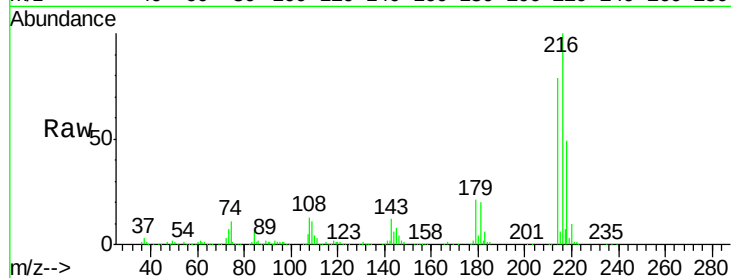
Ion Ratio Lower Upper

216 100

214 79.3 64.9 97.3

179 22.8 19.8 29.6

108 21.1 21.0 31.4

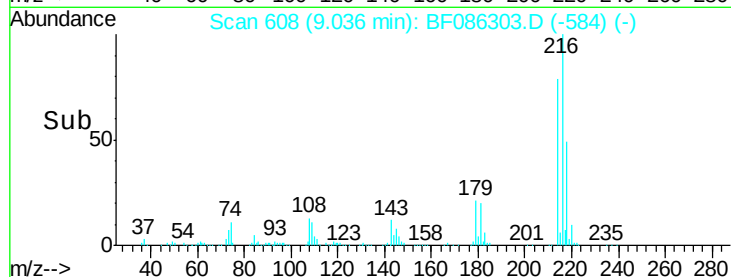


Abundance Ion 216.00 (215.70 to 216.70): E

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



Abundance

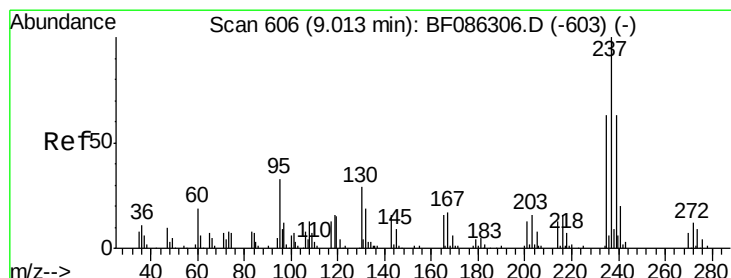
9.04

400000

200000

0

Time-->



#40

Hexachlorocyclopentadiene

Concen: 48.28 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

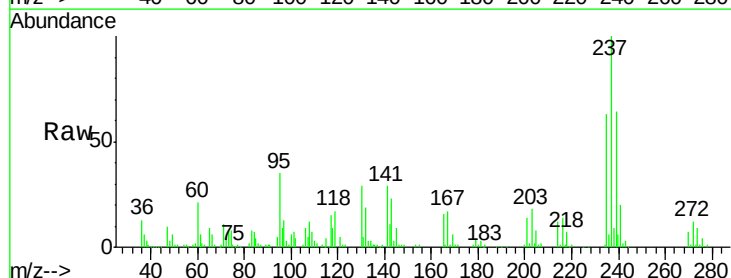
Tgt Ion:237 Resp: 143580

Ion Ratio Lower Upper

237 100

235 63.4 44.0 84.0

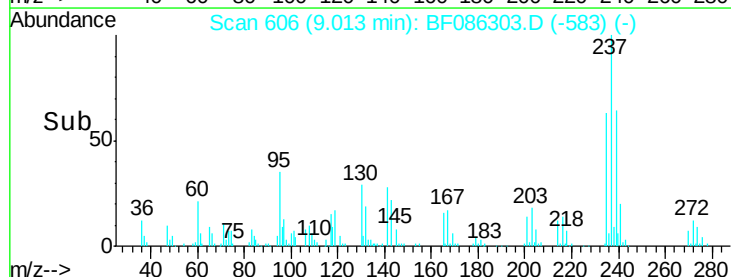
272 11.8 0.0 32.4



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



Abundance

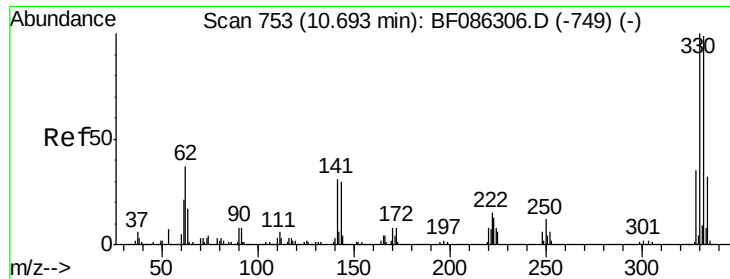
9.01

100000

50000

0

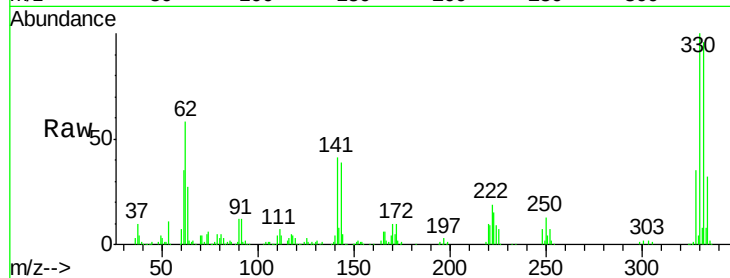
Time-->



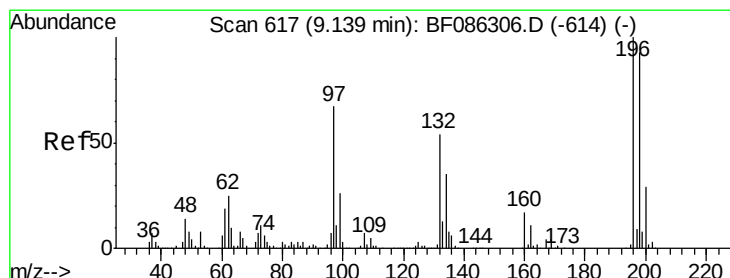
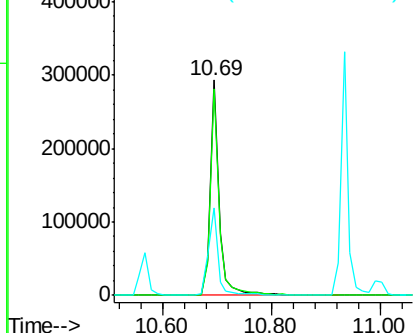
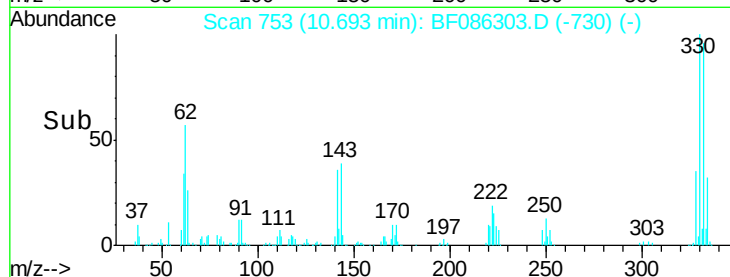
#41
 2,4,6-Tribromophenol
 Concen: 93.40 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.7	118.1
141	44.6	28.6	42.8#

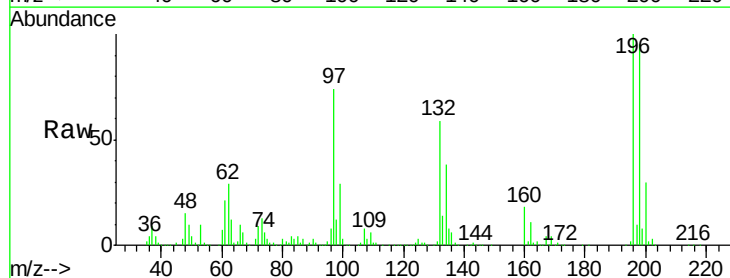


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

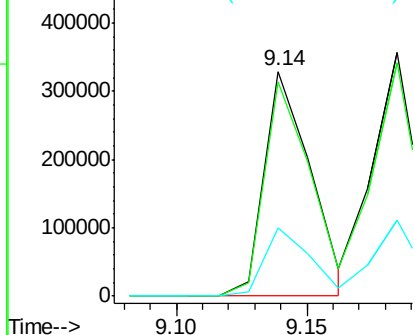
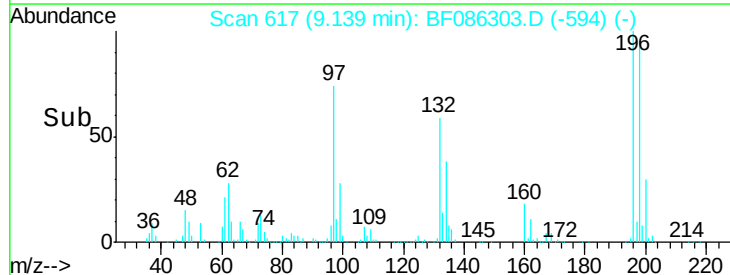


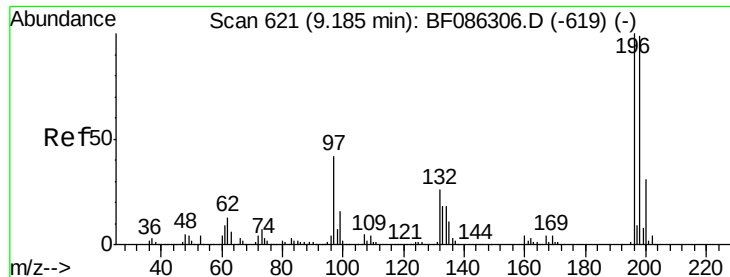
#42
 2,4,6-Trichlorophenol
 Concen: 47.75 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.6	115.0
200	30.4	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

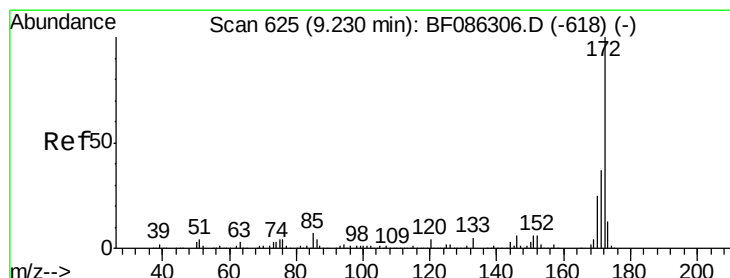
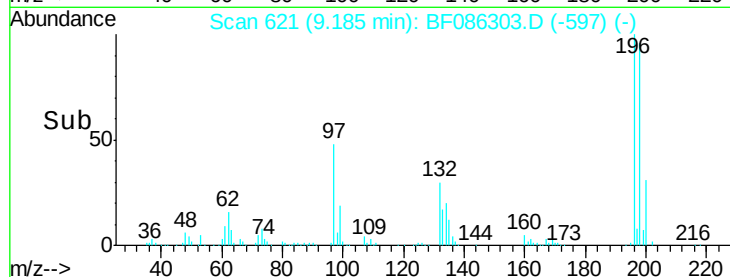
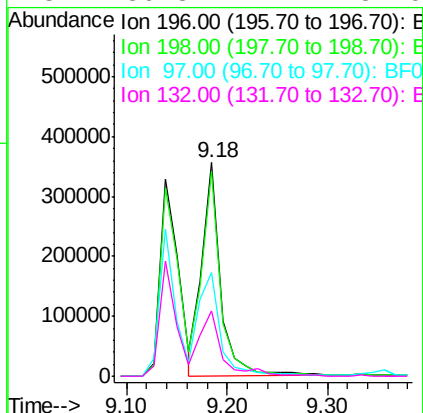
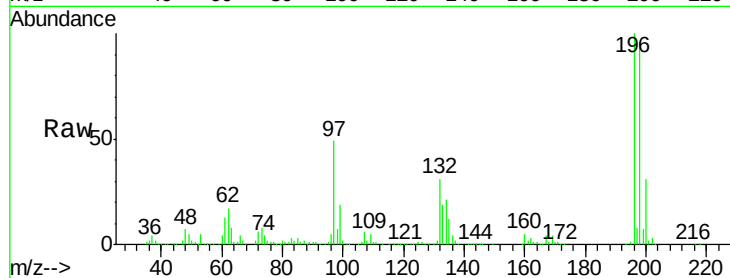




#43
 2,4,5-Trichlorophenol
 Concen: 49.58 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

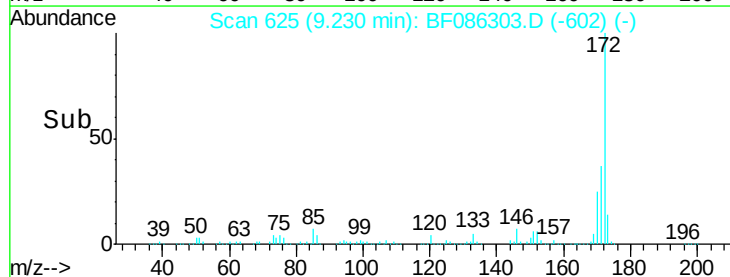
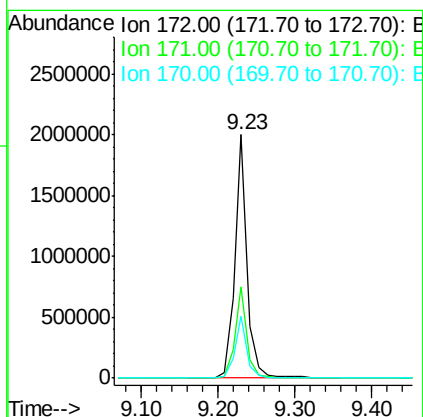
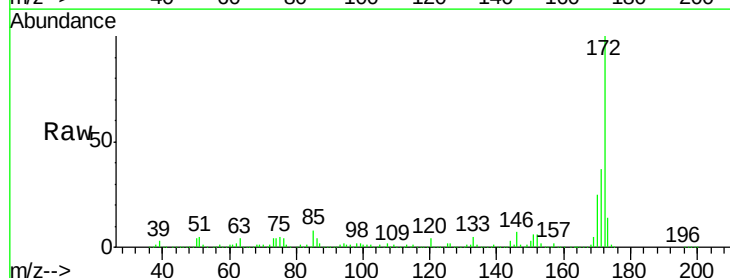
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

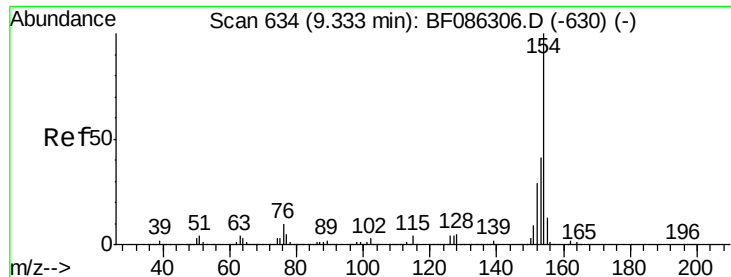
Tot Ion:196 Resp: 461103
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.7 116.5
 97 48.6 32.6 48.8
 132 30.8 21.4 32.0



#44
 2-Fluorobiphenyl
 Concen: 96.35 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

Tgt Ion:172 Resp: 2263748
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.1 43.7
 170 25.2 19.9 29.9

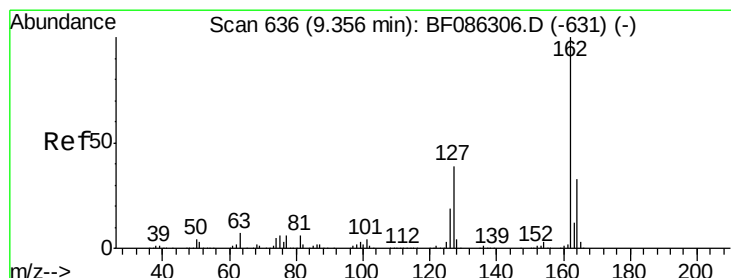
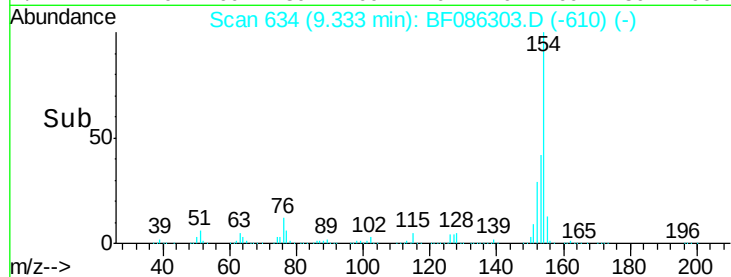
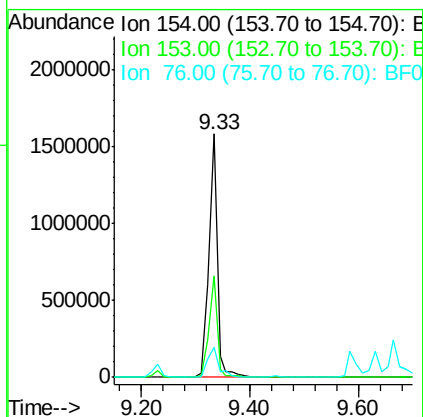
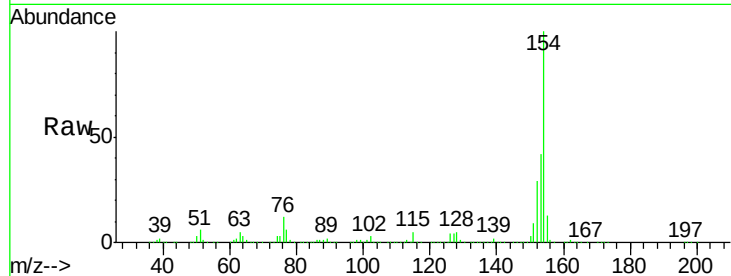




#45
 1,1'-Biphenyl
 Concen: 46.64 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

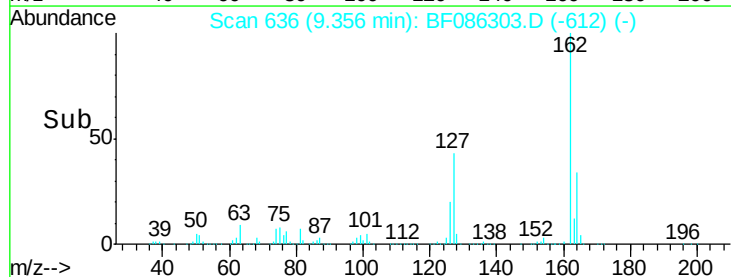
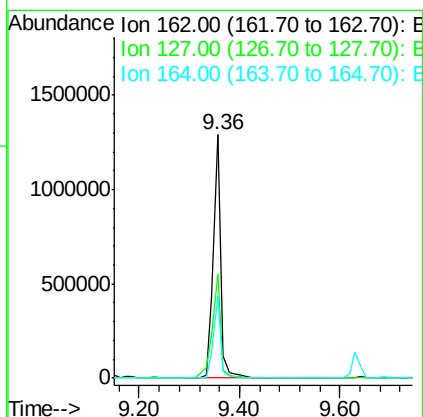
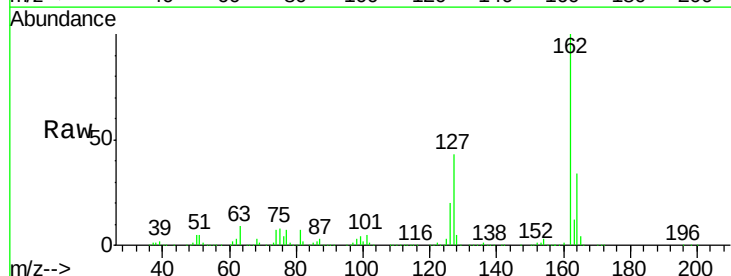
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

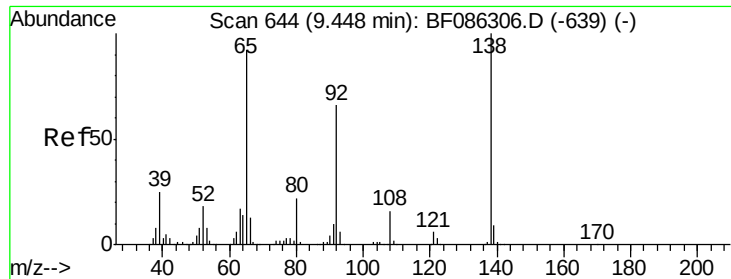
Tot Ion:154 Resp: 1693929
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.3 61.3
 76 12.3 0.0 36.4



#46
 2-Chloronaphthalene
 Concen: 48.80 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

Tgt Ion:162 Resp: 1342978
 Ion Ratio Lower Upper
 162 100
 127 42.9 36.7 55.1
 164 33.6 26.4 39.6

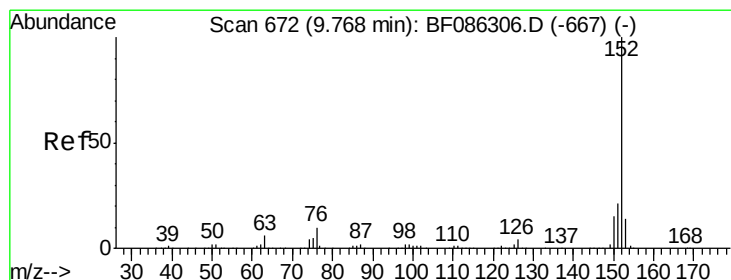
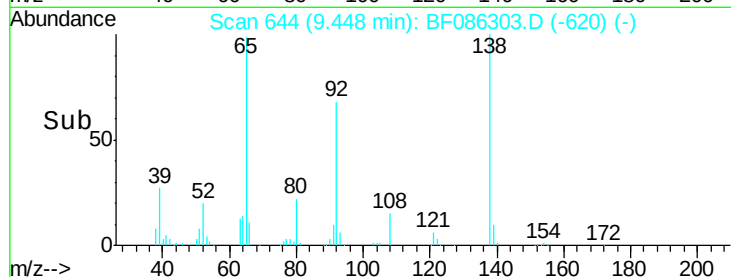
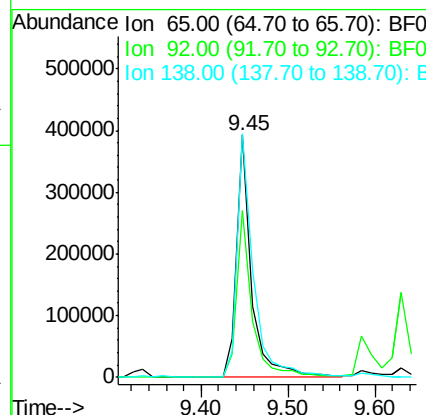
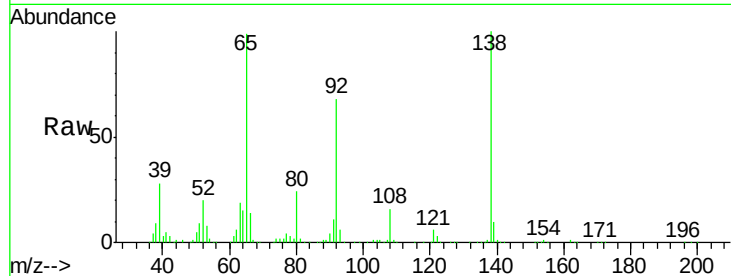




#47
 2-Nitroaniline
 Concen: 50.07 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

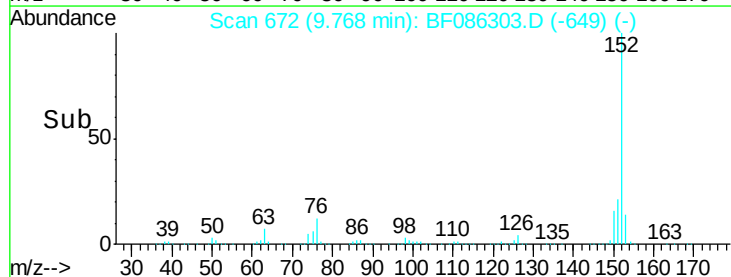
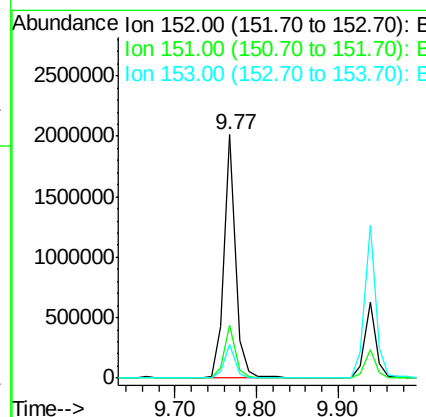
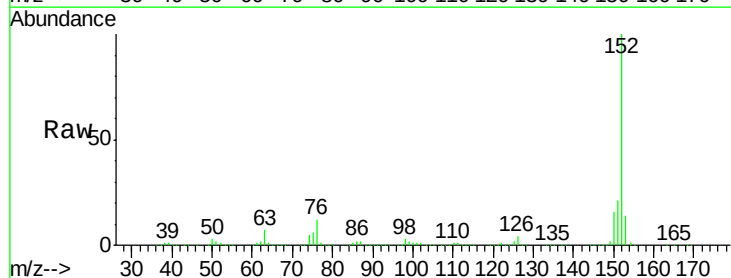
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

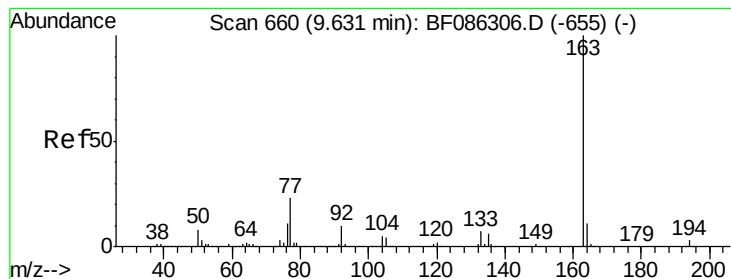
Tot Ion: 65 Resp: 468242
 Ion Ratio Lower Upper
 65 100
 92 68.7 51.9 77.9
 138 100.6 72.6 108.8



#48
 Acenaphthylene
 Concen: 46.15 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.03 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

Tgt Ion: 152 Resp: 1982989
 Ion Ratio Lower Upper
 152 100
 151 21.5 17.2 25.8
 153 13.8 10.7 16.1





#49

Dimethylphthalate

Concen: 44.24 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.03 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

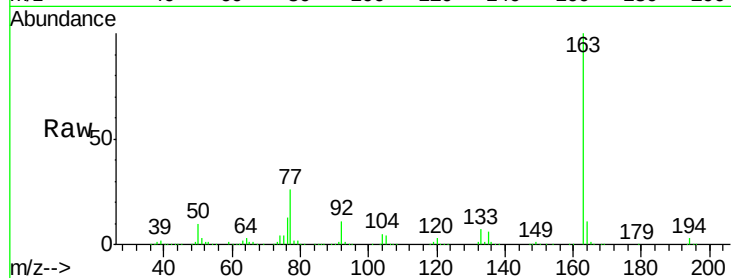
Tot Ion:163 Resp: 1557684

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

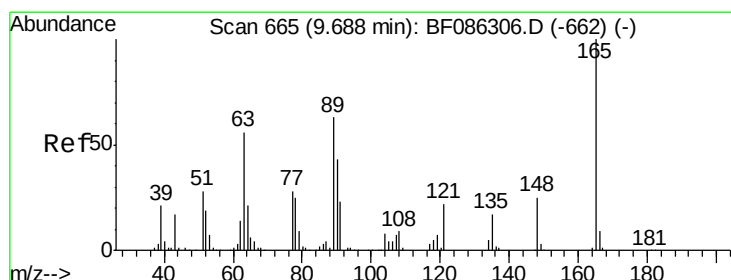
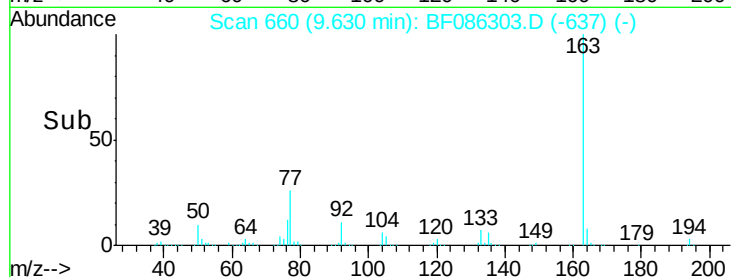
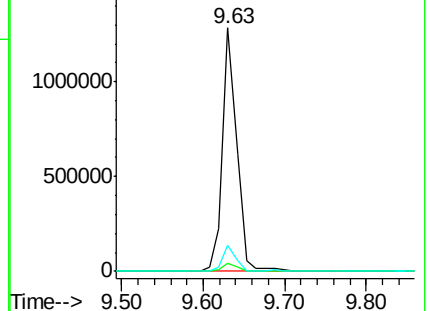
164 10.7 8.4 12.6



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: 49.77 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.03 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

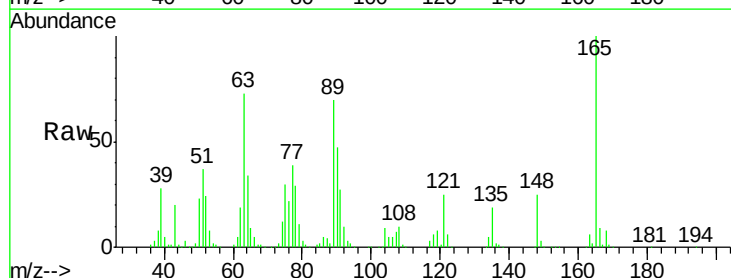
Tgt Ion:165 Resp: 360591

Ion Ratio Lower Upper

165 100

63 72.8 35.1 52.7#

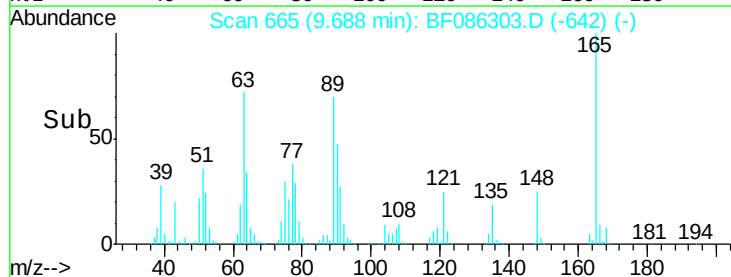
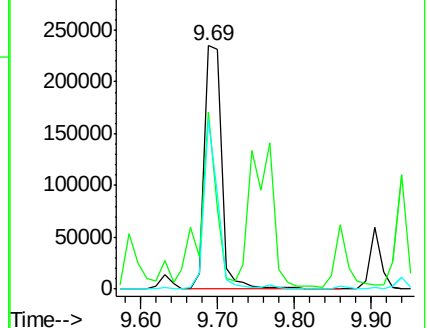
89 69.8 39.8 59.6#

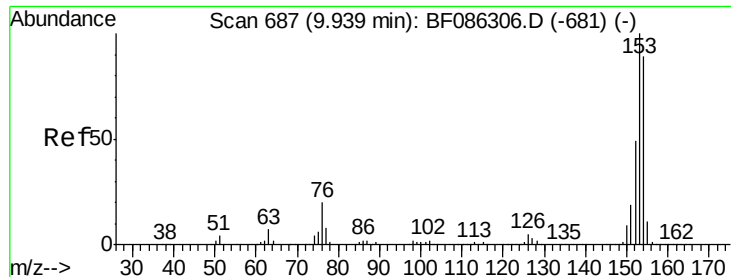


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.06 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

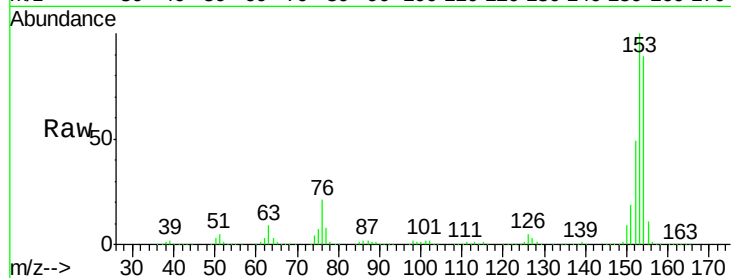
Tot Ion:154 Resp: 1136006

Ion Ratio Lower Upper

154 100

153 112.6 90.0 135.0

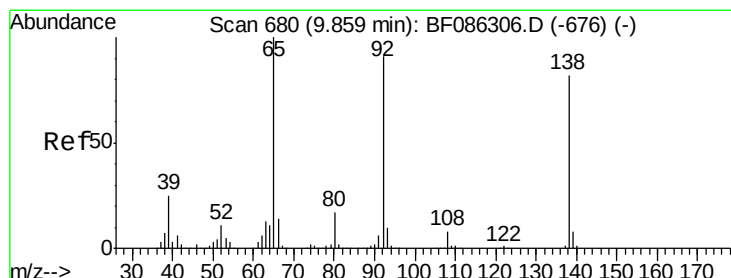
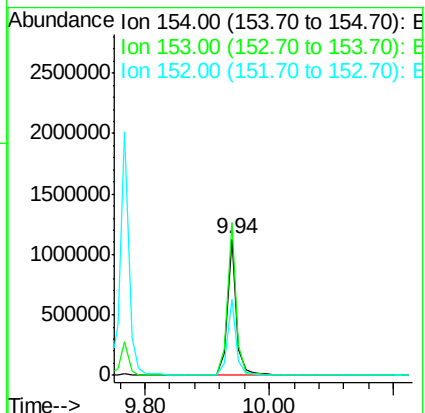
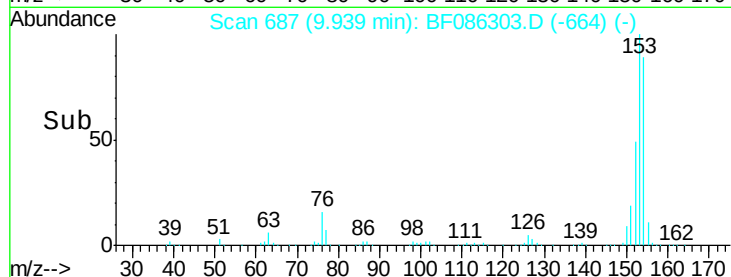
152 55.5 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 47.12 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

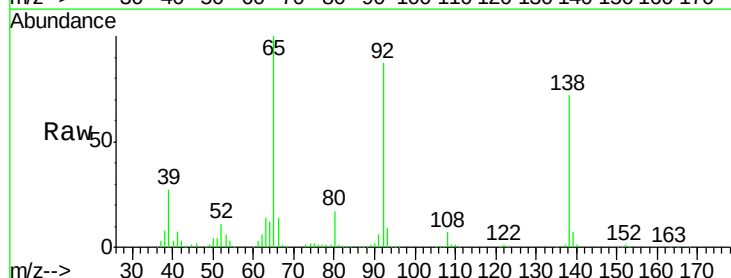
Tgt Ion:138 Resp: 434153

Ion Ratio Lower Upper

138 100

108 10.2 9.0 13.4

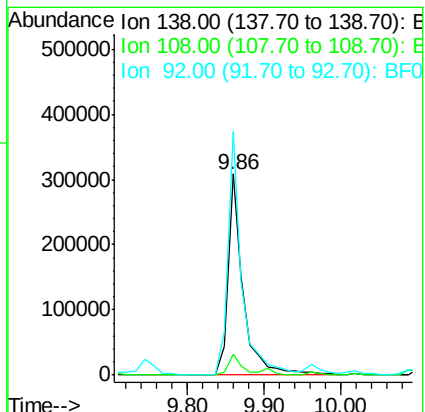
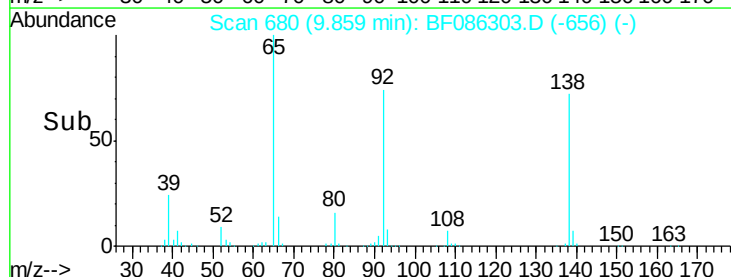
92 121.0 99.3 148.9

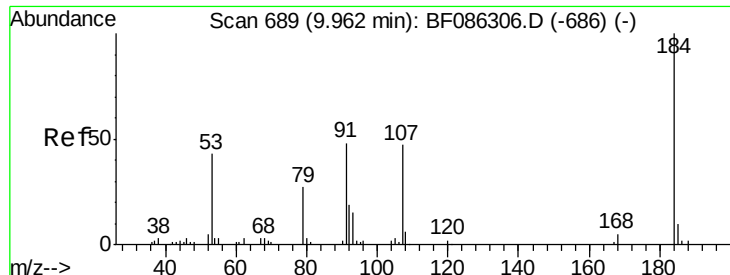


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

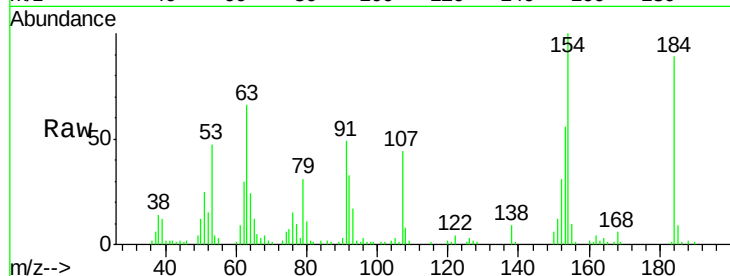




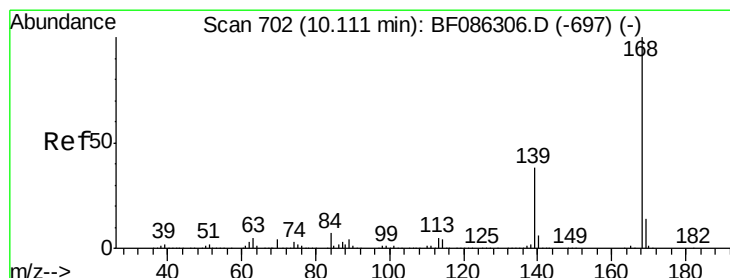
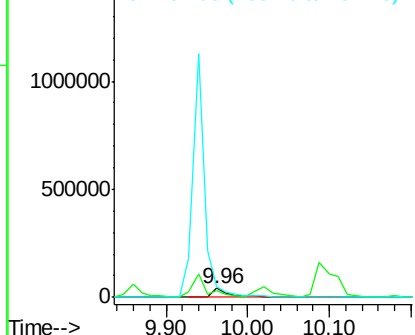
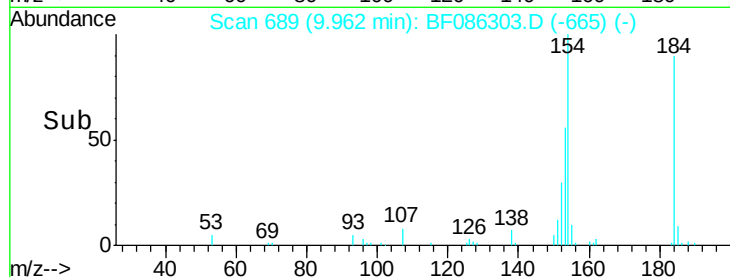
#53
 2,4-Dinitrophenol
 Concen: 47.13 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:184 Resp: 66776
 Ion Ratio Lower Upper
 184 100
 63 73.2 64.7 97.1
 154 111.8 59.4 89.2#

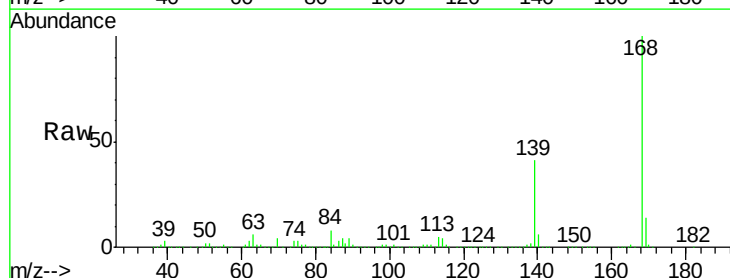


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

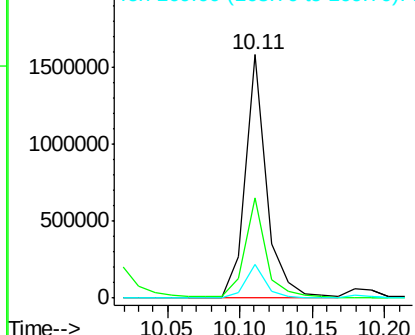
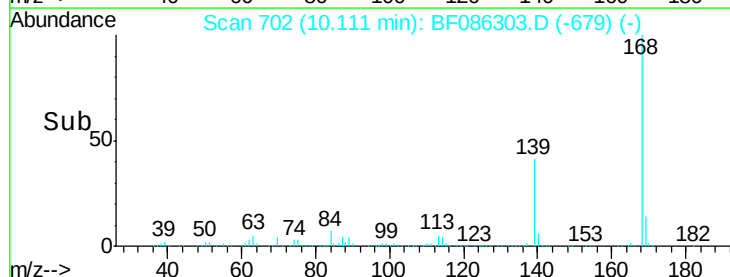


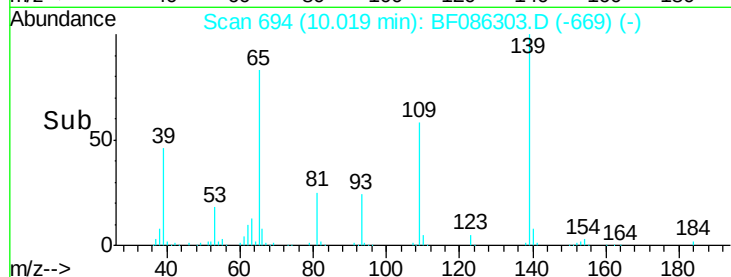
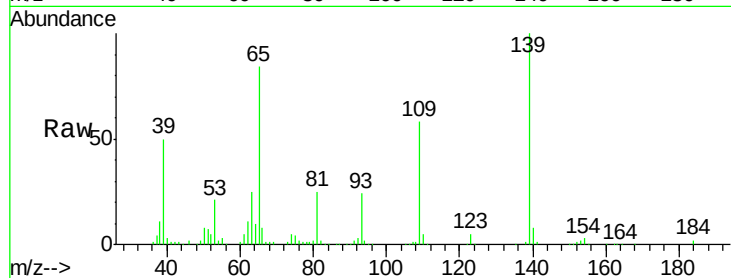
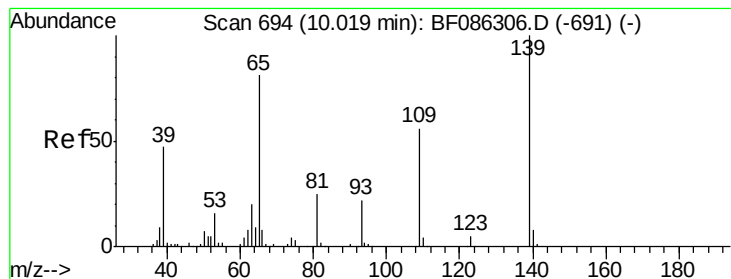
#54
 Dibenzofuran
 Concen: 47.24 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

Tgt Ion:168 Resp: 1619391
 Ion Ratio Lower Upper
 168 100
 139 41.0 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: 50.69 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

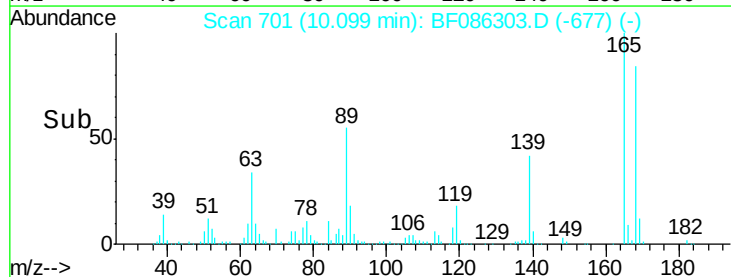
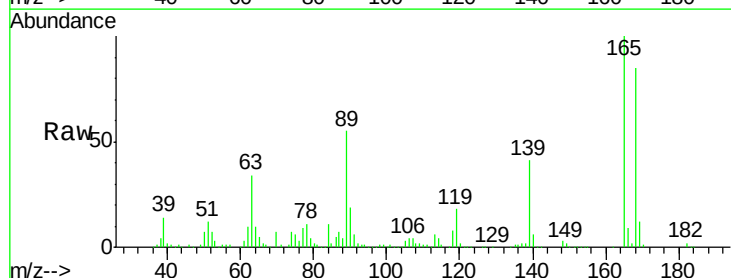
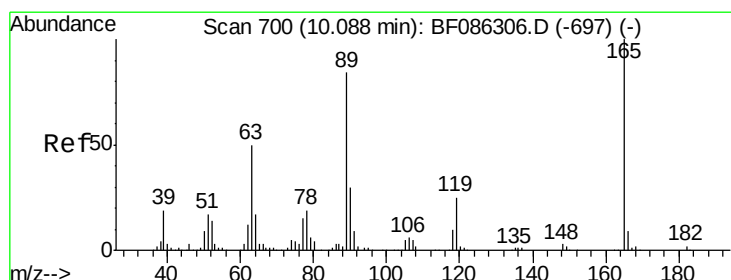
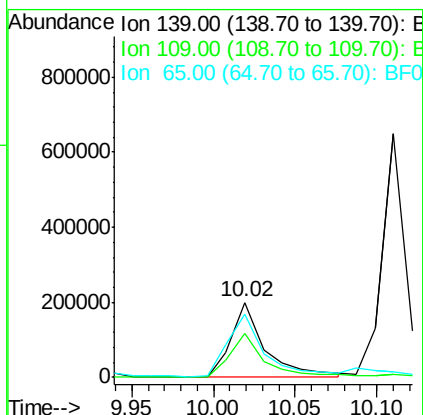
Tot Ion:139 Resp: 289581

Ion Ratio Lower Upper

139 100

109 58.2 55.0 95.0

65 83.8 87.3 127.3#



#56

2,4-Dinitrotoluene

Concen: 51.11 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.02 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Tgt Ion:165 Resp: 460196

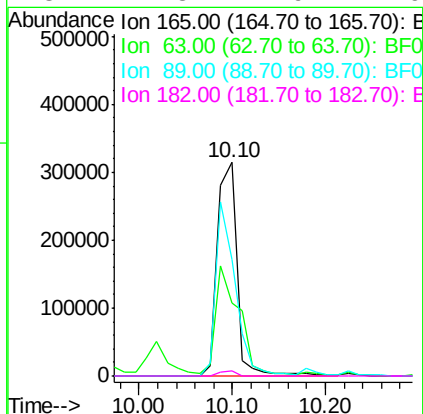
Ion Ratio Lower Upper

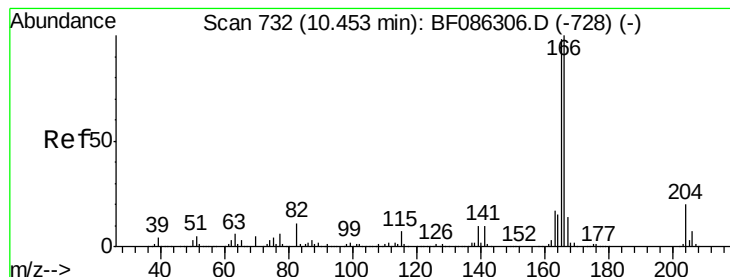
165 100

63 34.2 26.6 40.0

89 54.6 49.5 74.3

182 2.3 1.9 2.9





#57

Fluorene

Concen: 46.92 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

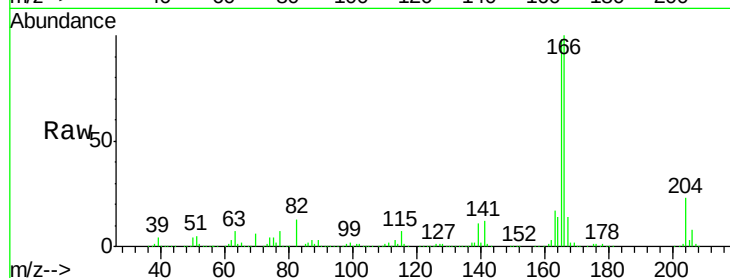
Tot Ion:166 Resp: 1191762

Ion Ratio Lower Upper

166 100

165 98.2 78.6 117.8

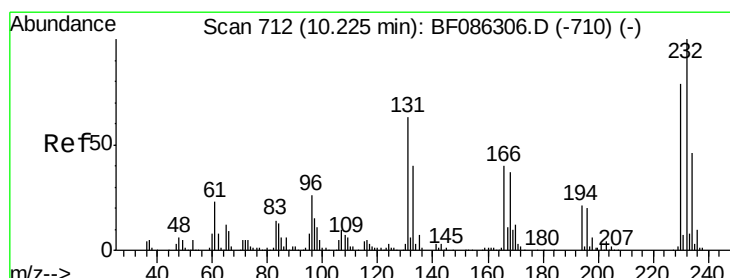
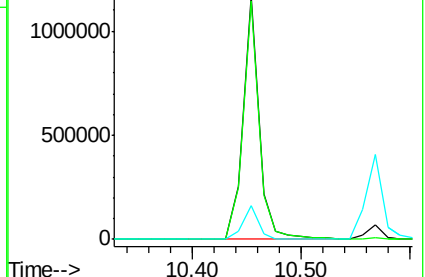
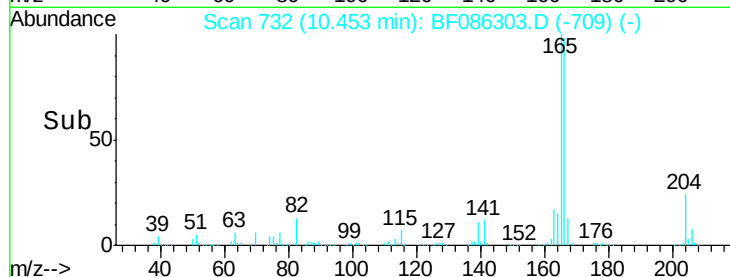
167 13.8 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.60 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.03 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Tgt Ion:232 Resp: 303284

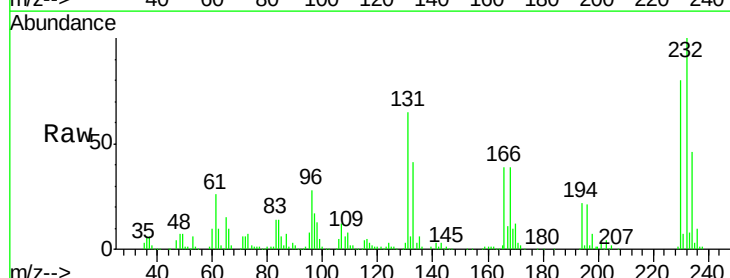
Ion Ratio Lower Upper

232 100

131 57.3 46.6 70.0

130 2.8 2.5 3.7

166 34.2 28.3 42.5

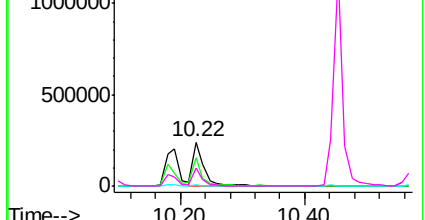
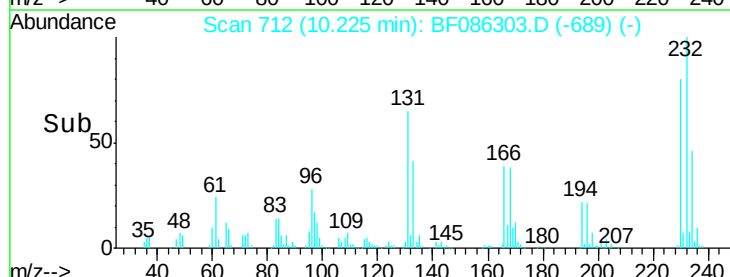


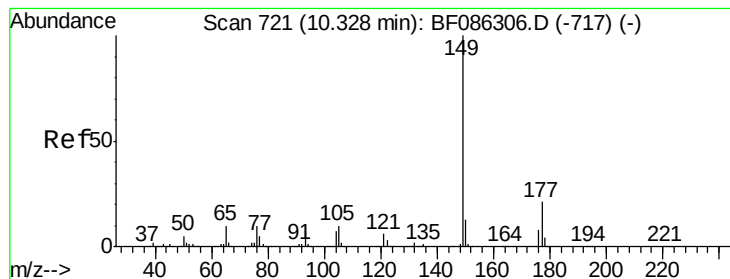
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.58 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

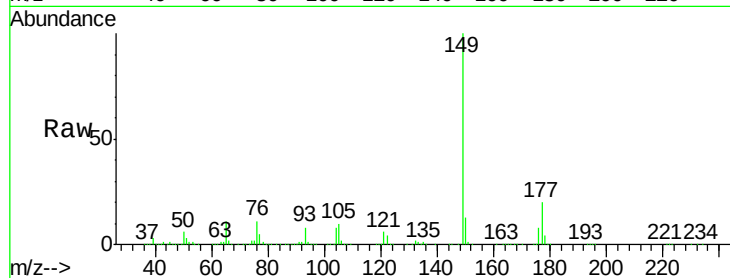
Tot Ion:149 Resp: 1531606

Ion Ratio Lower Upper

149 100

177 19.9 17.0 25.6

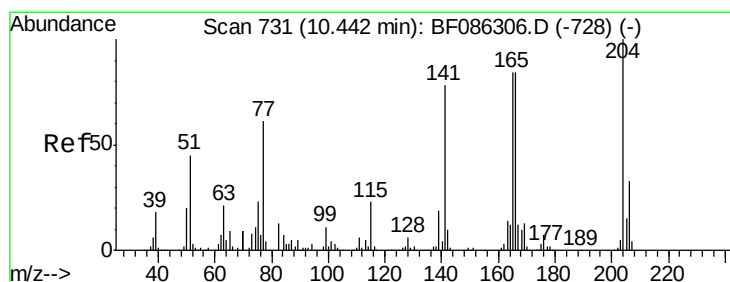
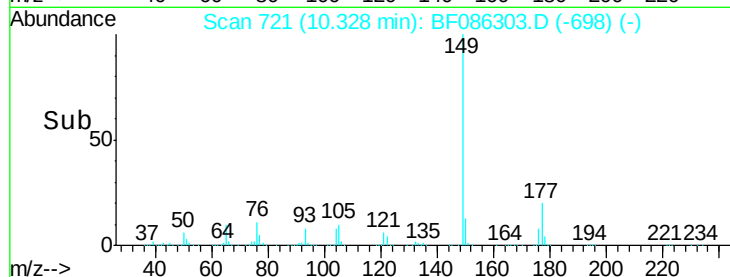
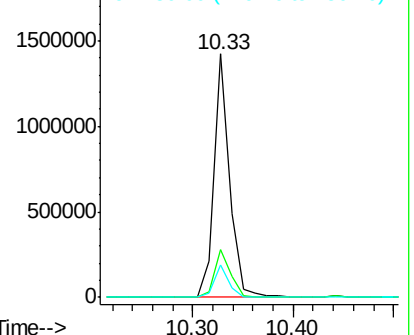
150 13.1 10.2 15.4



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: 45.60 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

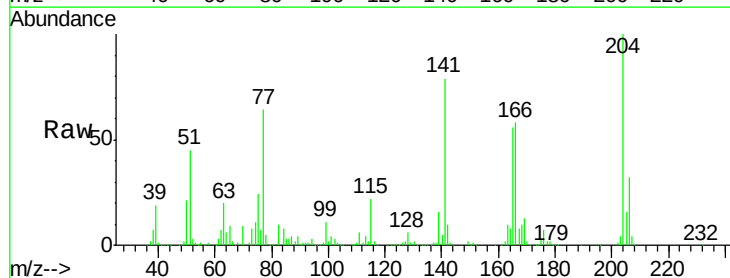
Tgt Ion:204 Resp: 536435

Ion Ratio Lower Upper

204 100

206 32.2 26.2 39.2

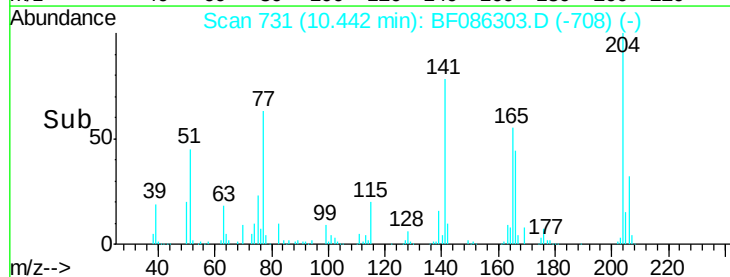
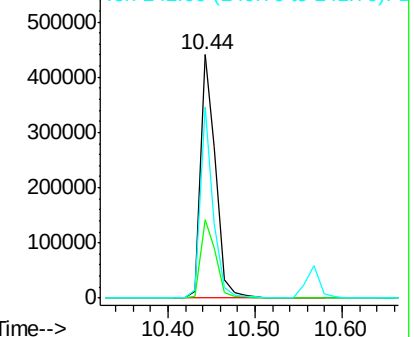
141 78.7 55.4 83.0

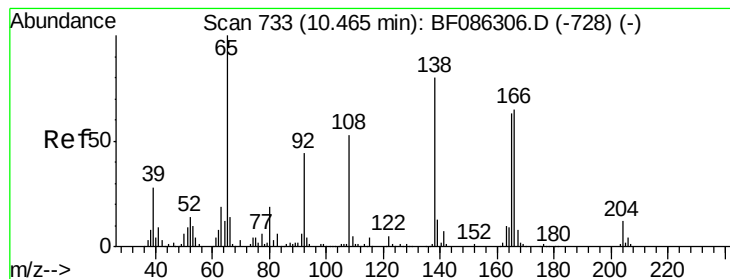


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.97 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

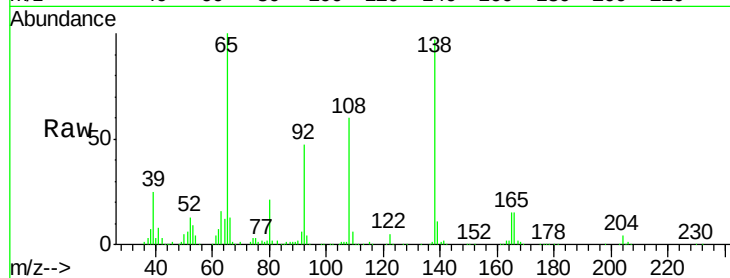
Tot Ion:138 Resp: 422337

Ion Ratio Lower Upper

138 100

92 48.2 31.9 71.9

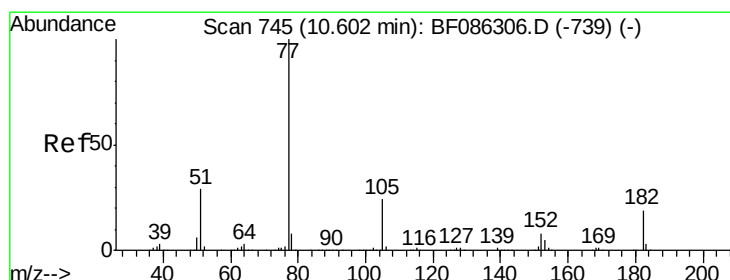
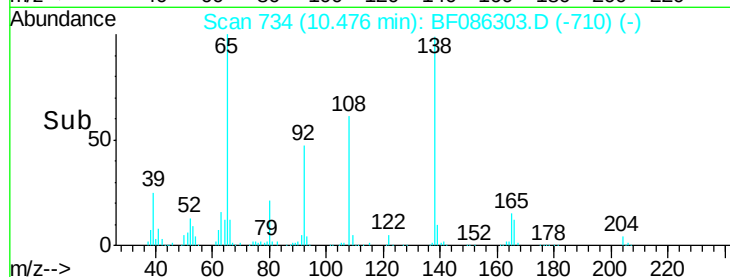
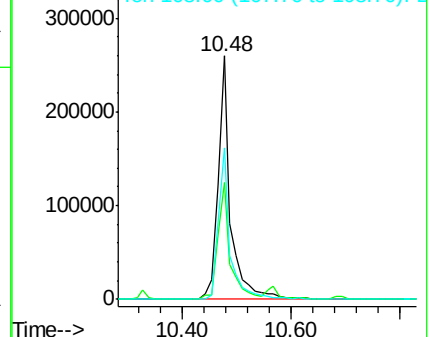
108 62.2 58.7 98.7



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: 45.70 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.03 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Tgt Ion: 77 Resp: 1547730

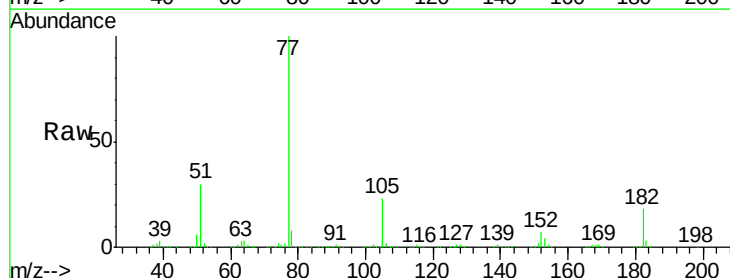
Ion Ratio Lower Upper

77 100

182 17.6 2.3 42.3

105 23.4 3.4 43.4

51 30.2 11.7 51.7

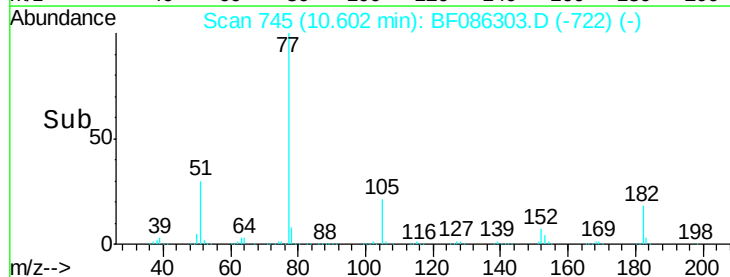
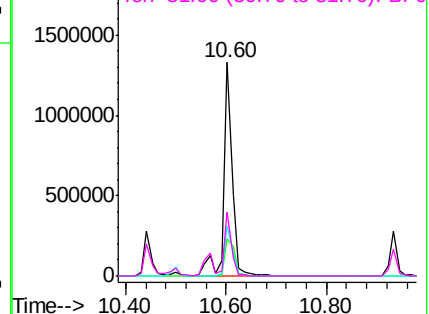


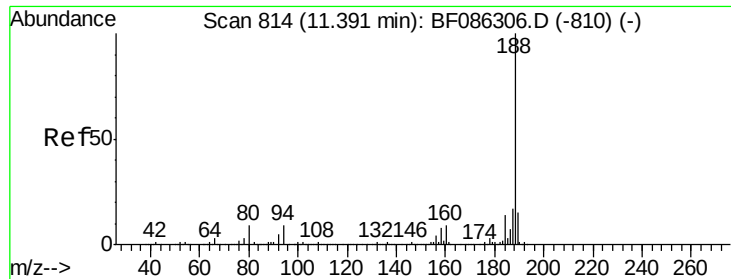
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF086303.D

Acq: 20 Apr 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

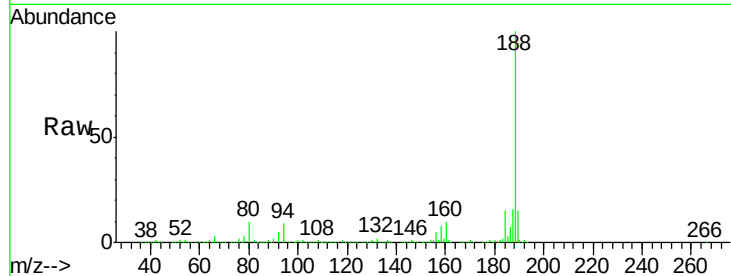
Tot Ion:188 Resp: 718671

Ion Ratio Lower Upper

188 100

94 9.3 9.8 14.8#

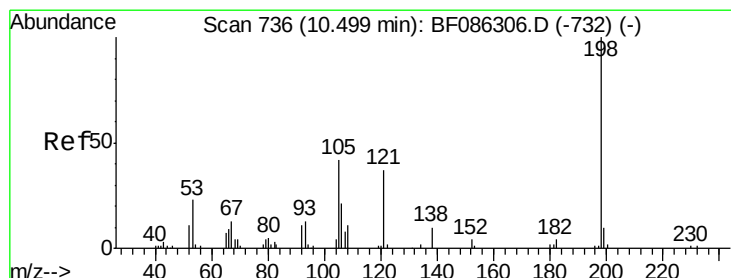
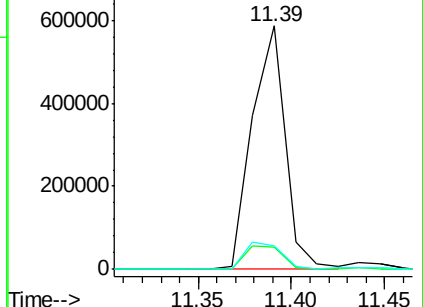
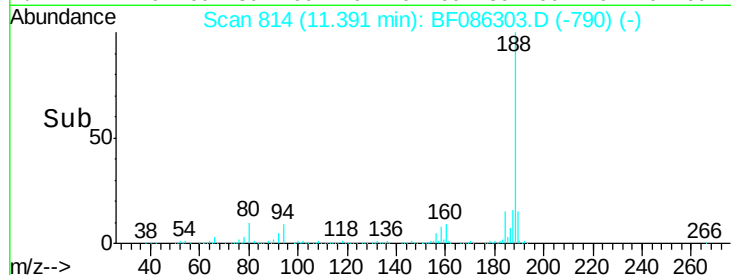
80 9.6 10.5 15.7#



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: 49.41 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

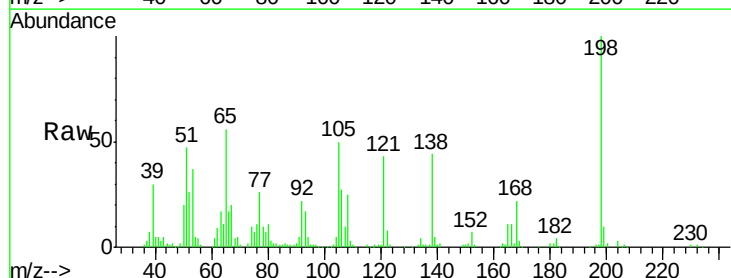
Tgt Ion:198 Resp: 112127

Ion Ratio Lower Upper

198 100

51 46.6 56.5 96.5#

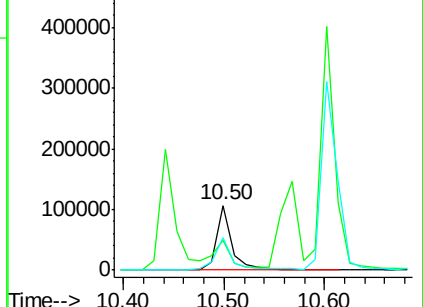
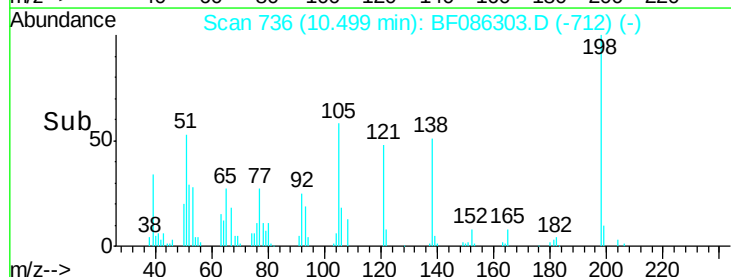
105 49.7 48.0 88.0

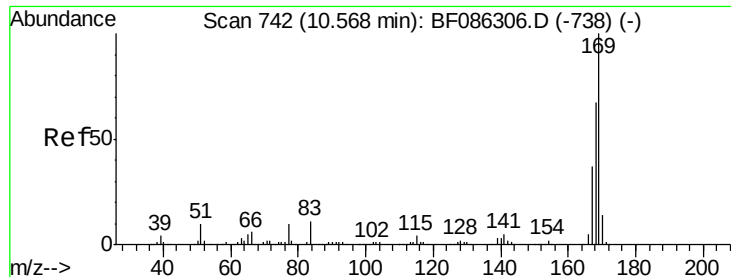


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.58 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

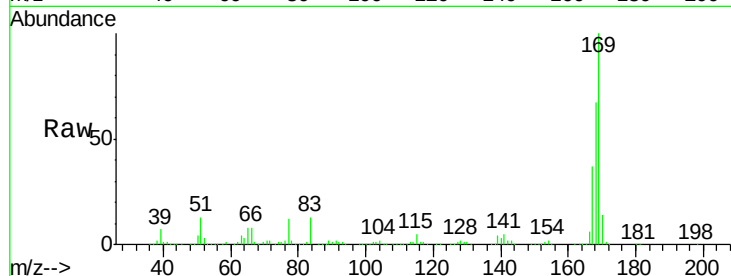
Tot Ion:169 Resp: 1174033

Ion Ratio Lower Upper

169 100

168 67.4 54.3 81.5

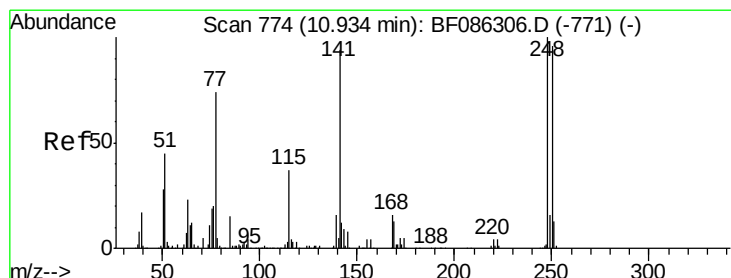
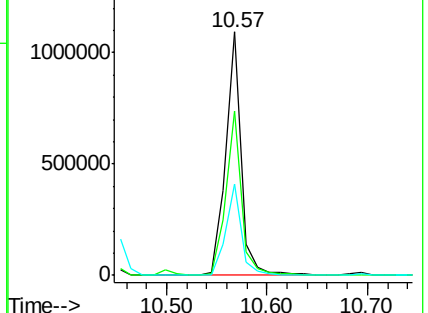
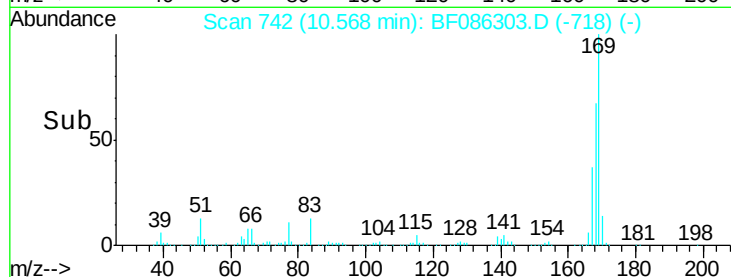
167 37.3 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.89 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.03 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

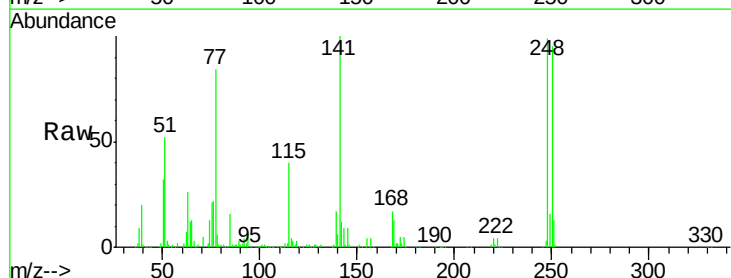
Tgt Ion:248 Resp: 354367

Ion Ratio Lower Upper

248 100

250 96.2 78.6 118.0

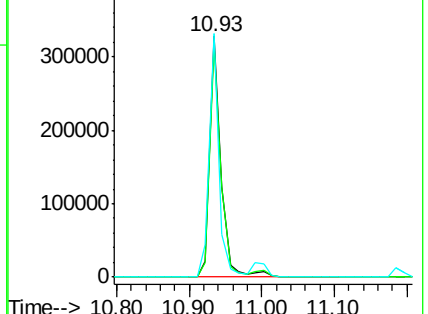
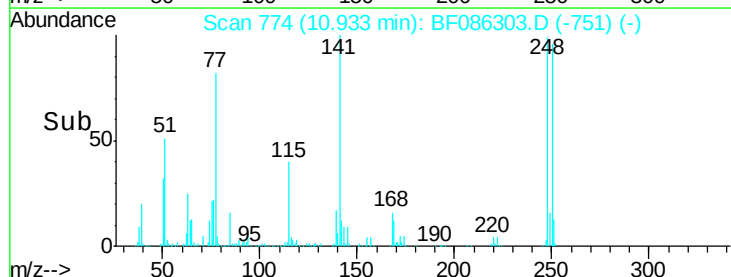
141 101.1 57.9 86.9#

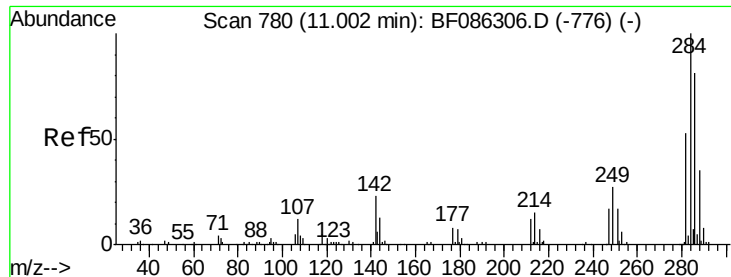


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

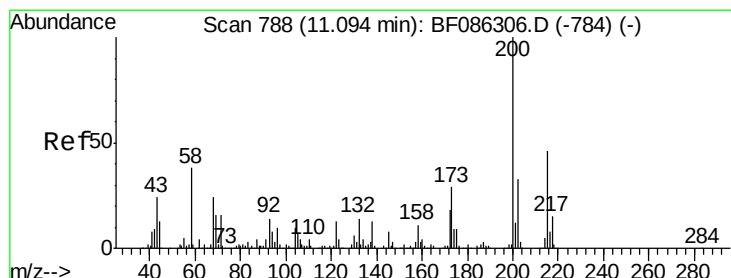
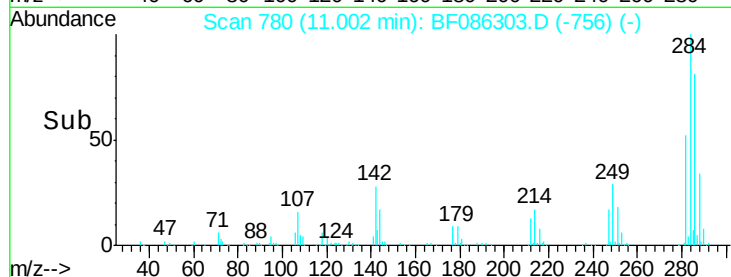
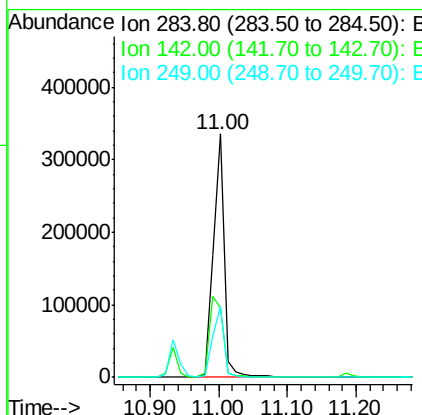
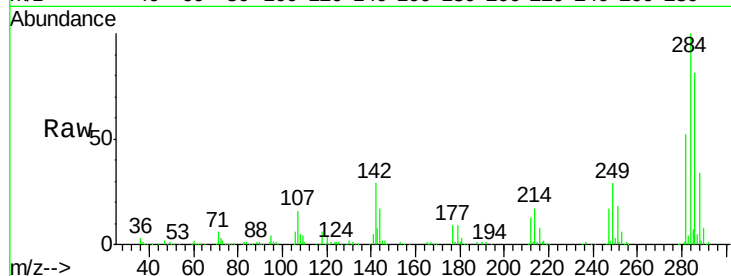




#67
Hexachlorobenzene
Concen: 48.73 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

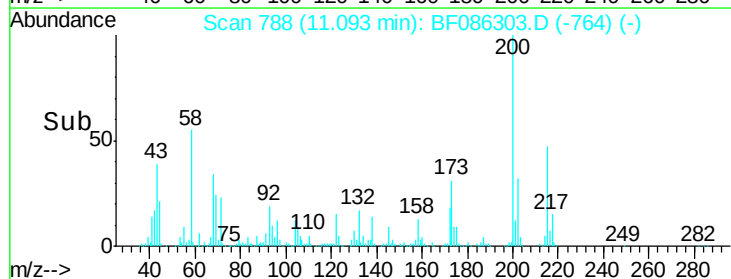
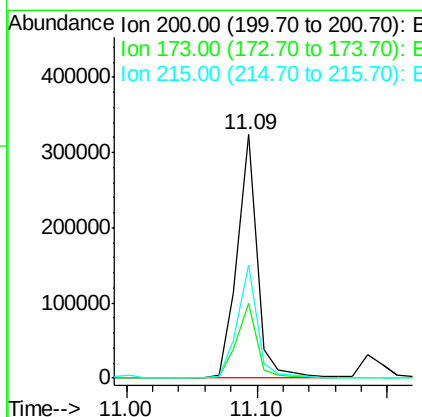
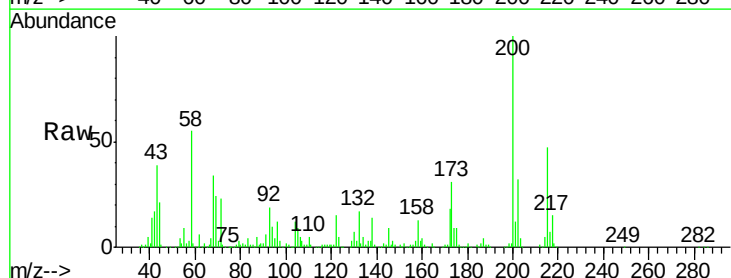
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

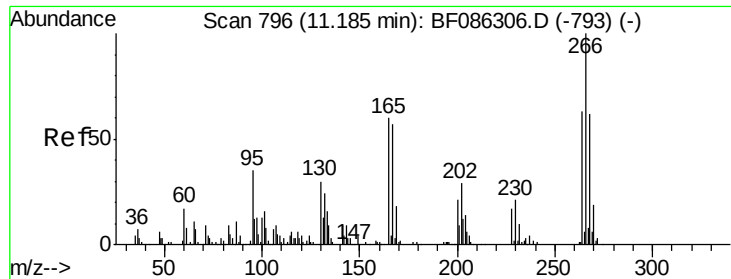
Tot Ion	Ratio	Lower	Upper
284	100		
142	28.6	42.6	64.0#
249	28.9	25.9	38.9



#68
Atrazine
Concen: 47.81 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.7	11.2	51.2
215	46.7	24.0	64.0

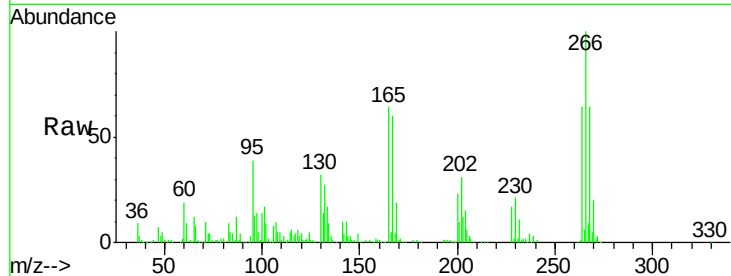




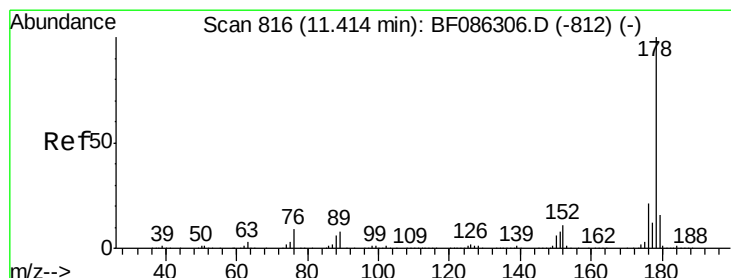
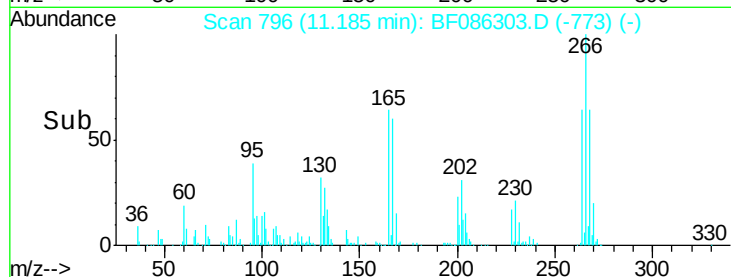
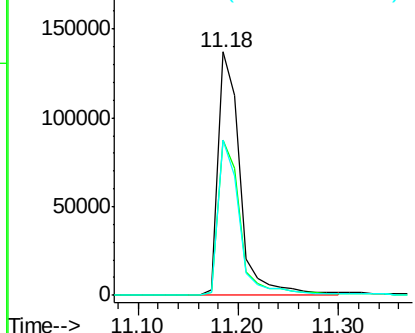
#69
 Pentachlorophenol
 Concen: 51.52 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:266 Resp: 209162
 Ion Ratio Lower Upper
 266 100
 268 63.6 53.0 79.4
 264 64.0 51.3 76.9

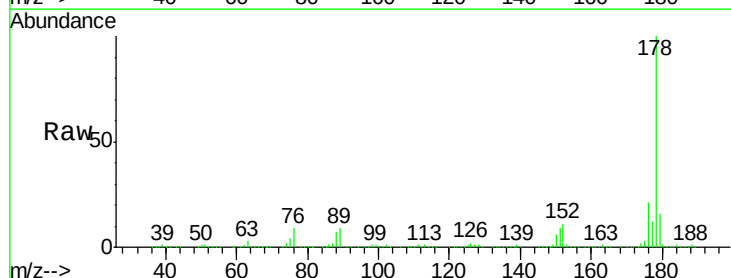


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

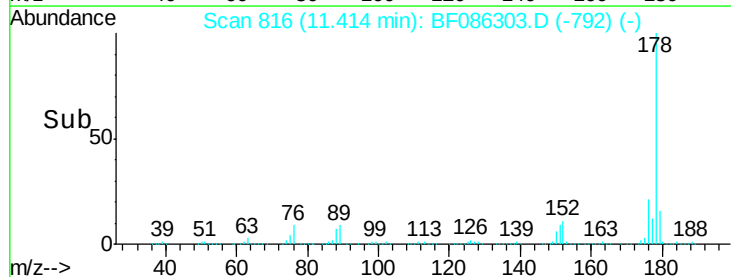
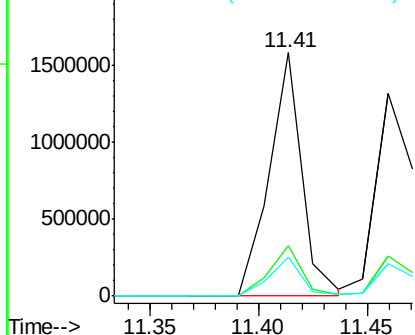


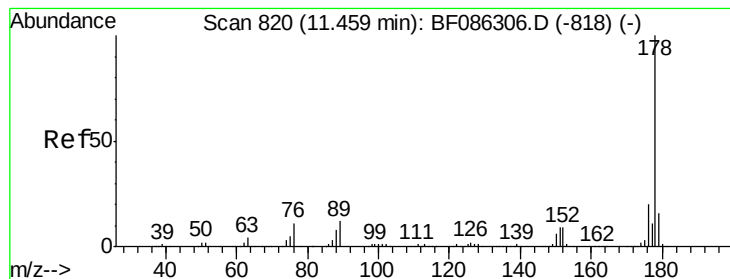
#70
 Phenanthrene
 Concen: 49.04 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

Tgt Ion:178 Resp: 1669986
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.3 24.5
 179 15.9 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: 46.50 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

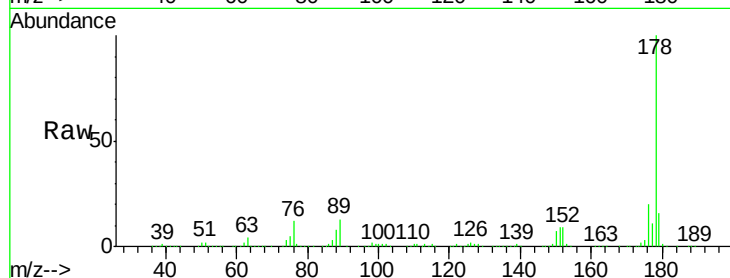
Tot Ion:178 Resp: 1696015

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

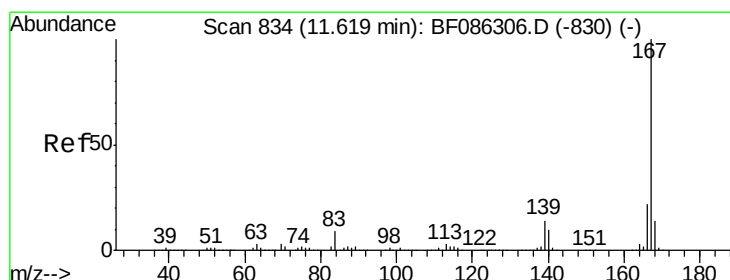
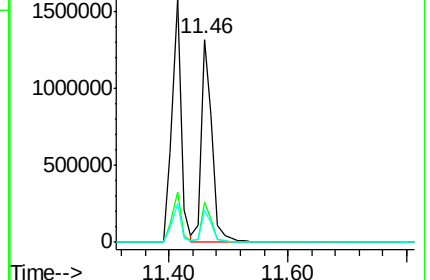
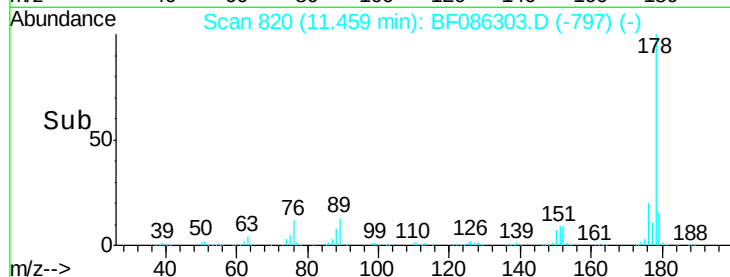
179 16.1 13.2 19.8



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: 47.08 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

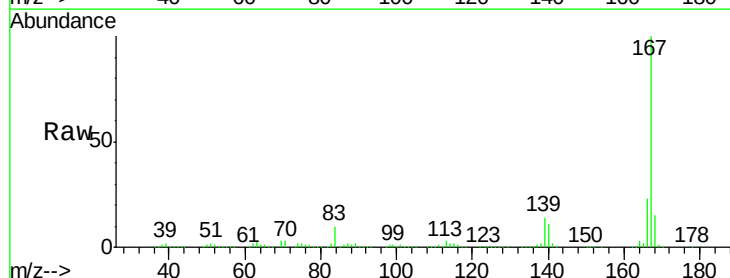
Tgt Ion:167 Resp: 1624888

Ion Ratio Lower Upper

167 100

166 23.0 18.3 27.5

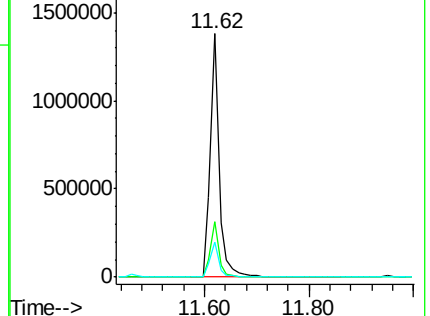
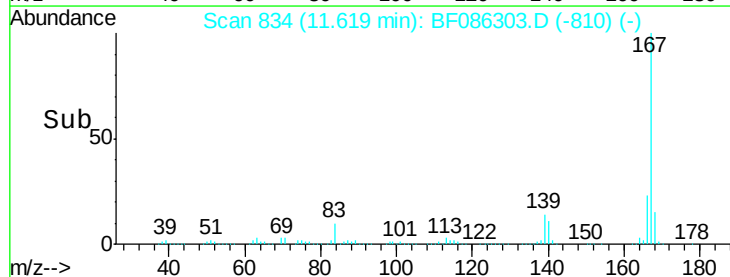
139 14.4 12.3 18.5

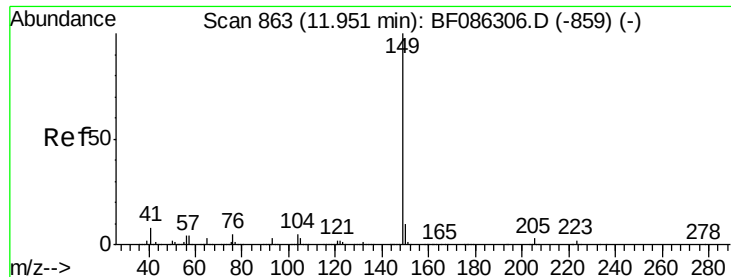


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.35 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.03 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

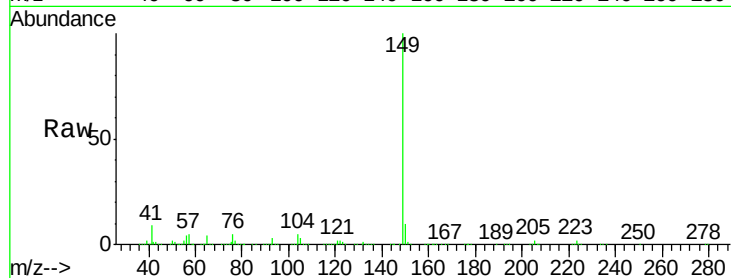
Tot Ion:149 Resp: 2059866

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

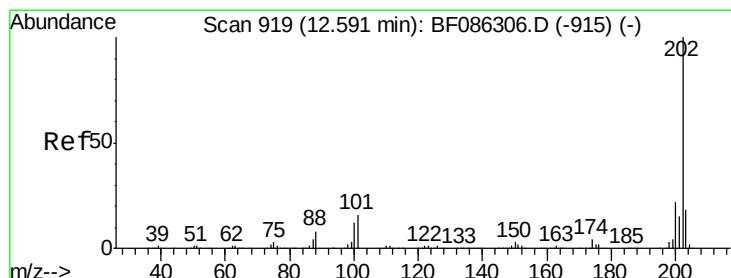
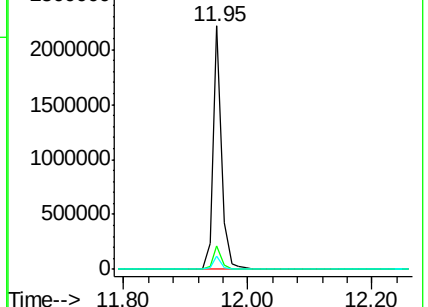
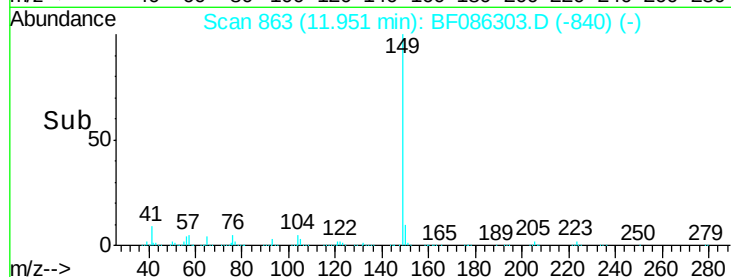
104 5.3 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.32 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

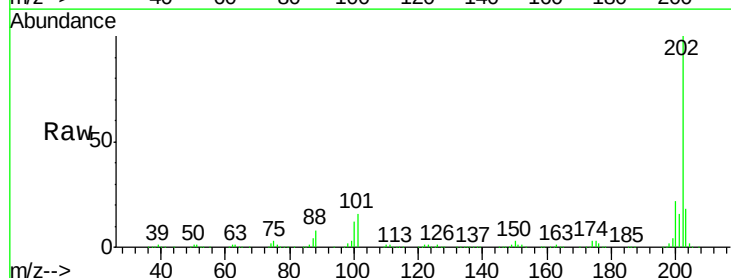
Tgt Ion:202 Resp: 1462731

Ion Ratio Lower Upper

202 100

101 16.4 0.0 35.2

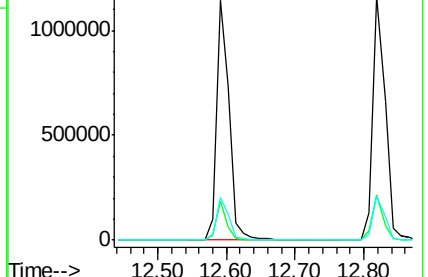
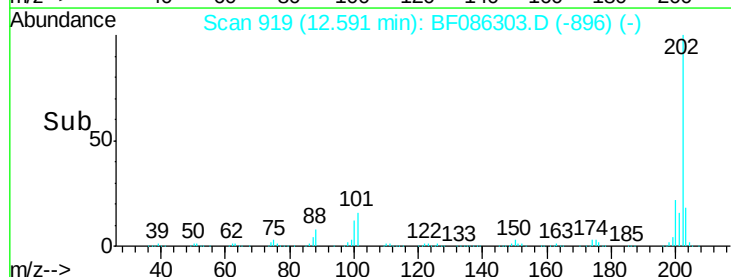
203 18.0 0.0 38.2

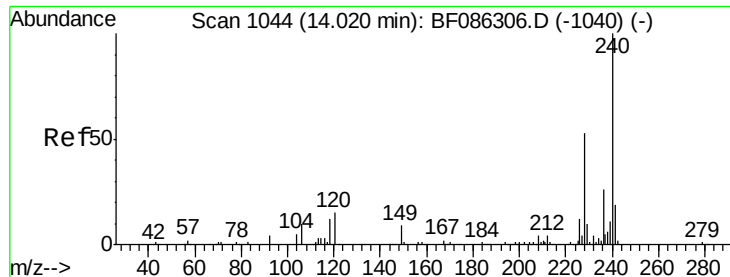


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

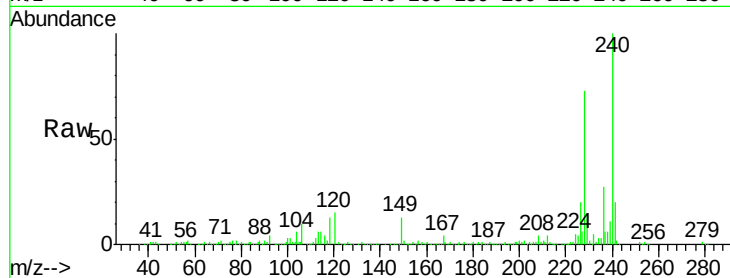
Tot Ion:240 Resp: 409393

Ion Ratio Lower Upper

240 100

120 15.4 9.3 13.9#

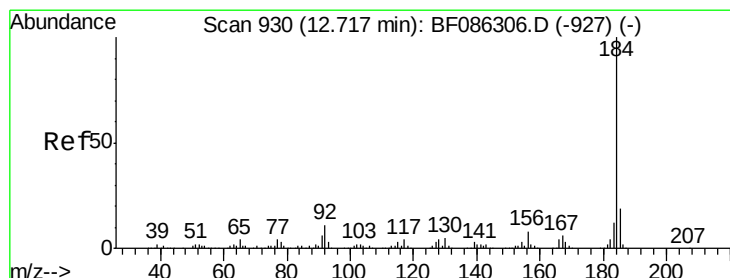
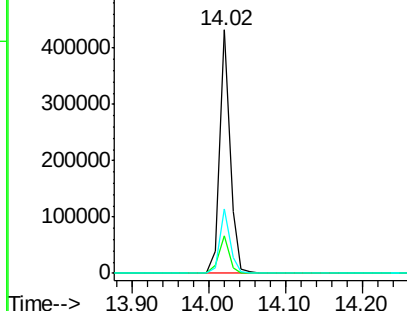
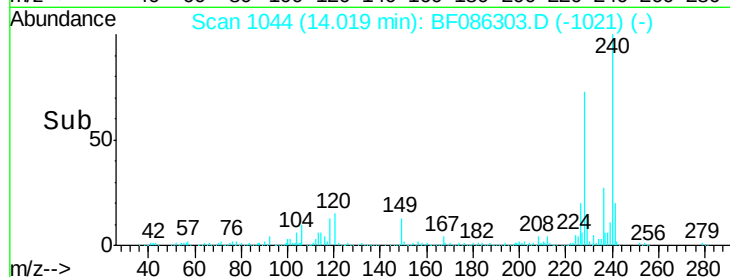
236 26.6 21.1 31.7



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: 47.54 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

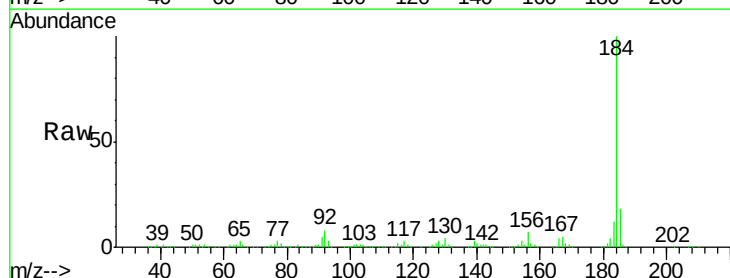
Tgt Ion:184 Resp: 859267

Ion Ratio Lower Upper

184 100

185 17.7 14.2 21.2

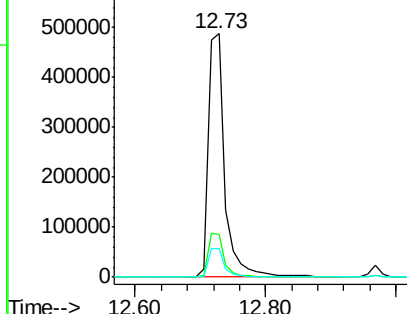
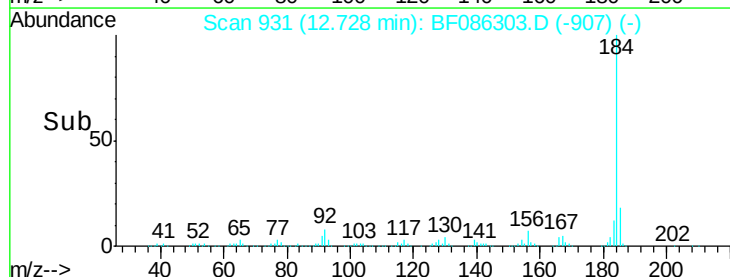
183 11.6 9.8 14.6

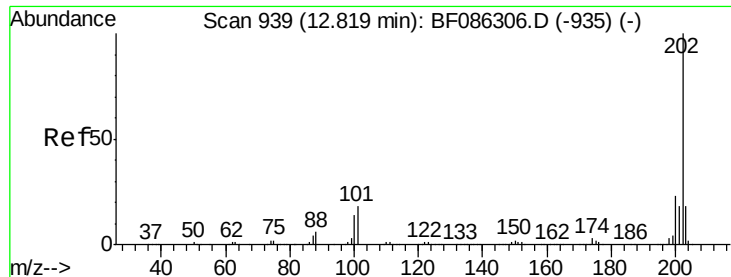


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

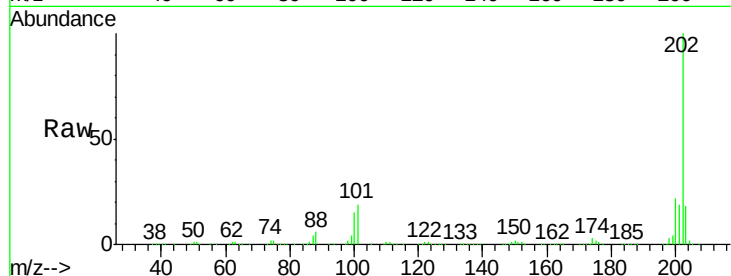




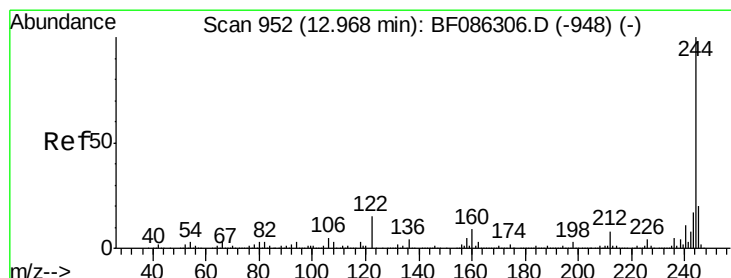
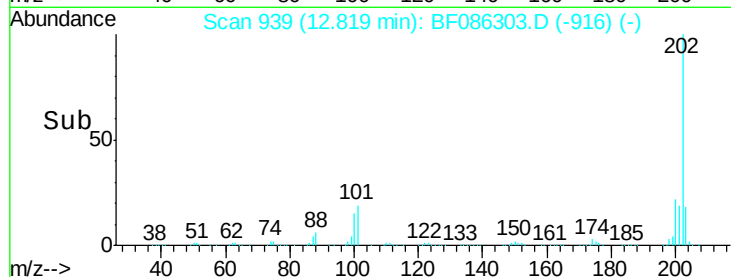
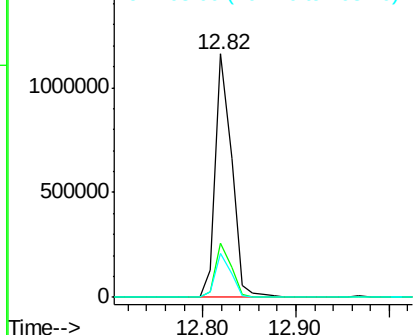
#77
Pvrene
Concen: 46.42 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.03 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:202 Resp: 1409620
Ion Ratio Lower Upper
202 100
200 22.1 18.3 27.5
203 18.0 14.9 22.3

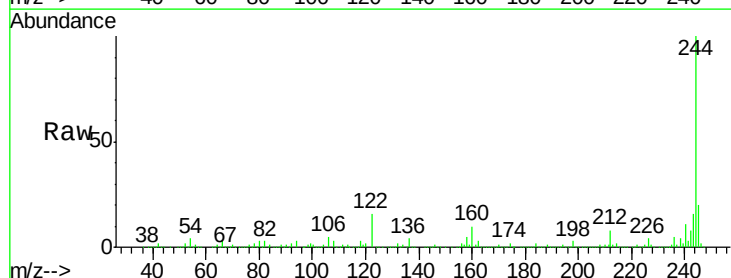


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

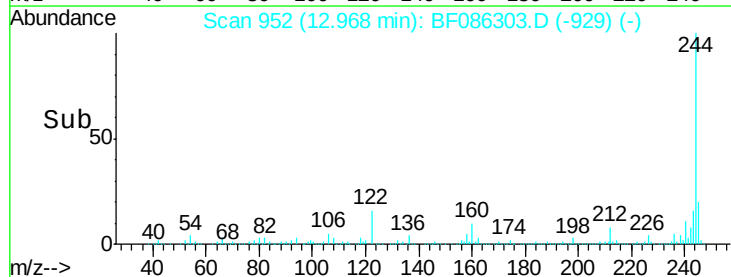
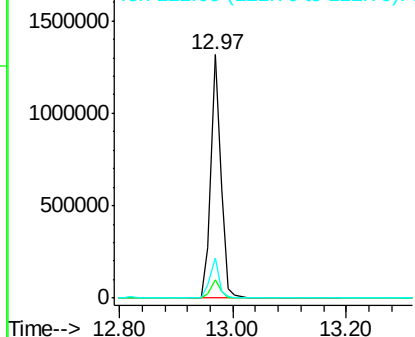


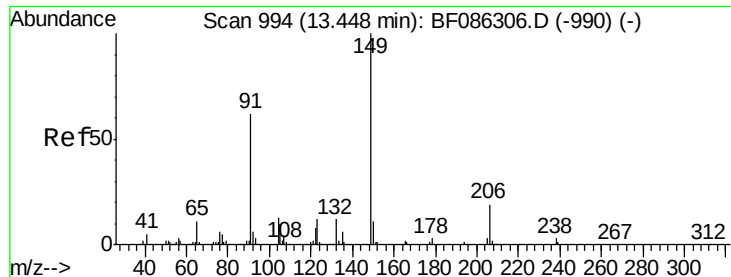
#78
Terphenyl-d14
Concen: 90.66 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

Tgt Ion:244 Resp: 1559252
Ion Ratio Lower Upper
244 100
212 7.8 6.4 9.6
122 16.2 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

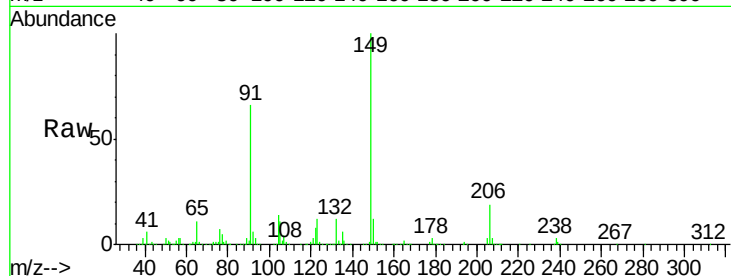




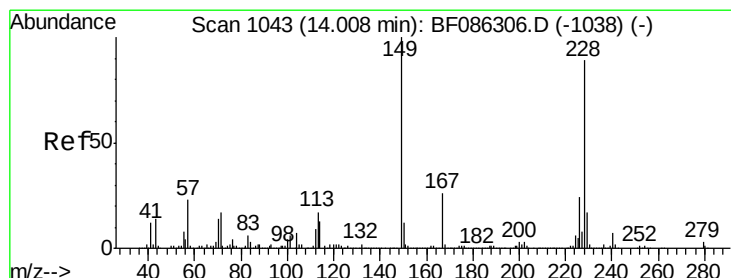
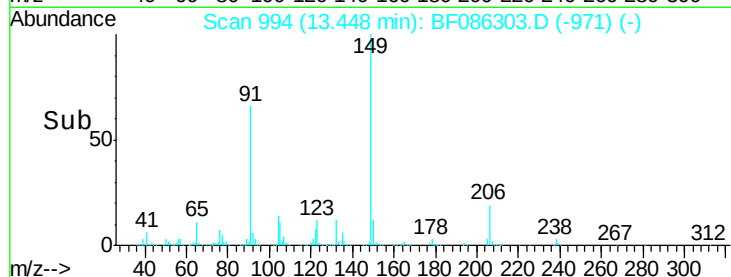
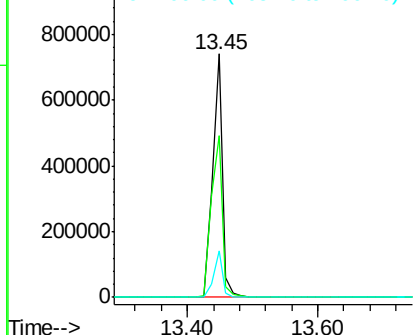
#79
Butylbenzylphthalate
Concen: 49.32 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.03 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.3	48.7	73.1
206	19.3	15.7	23.5

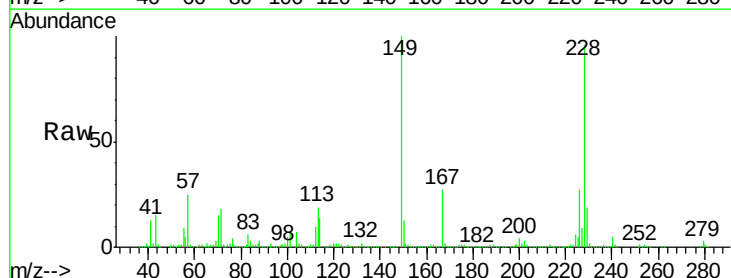


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

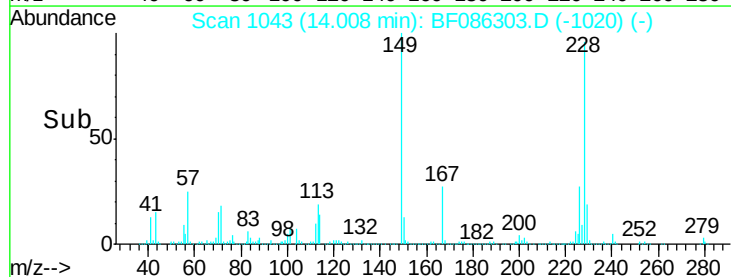
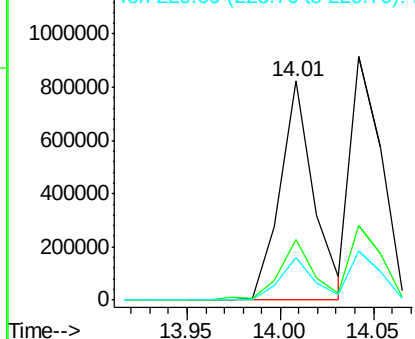


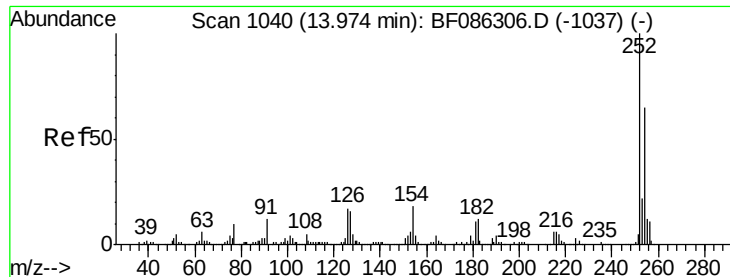
#80
Benzo(a)anthracene
Concen: 48.02 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.5	33.7
229	19.3	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

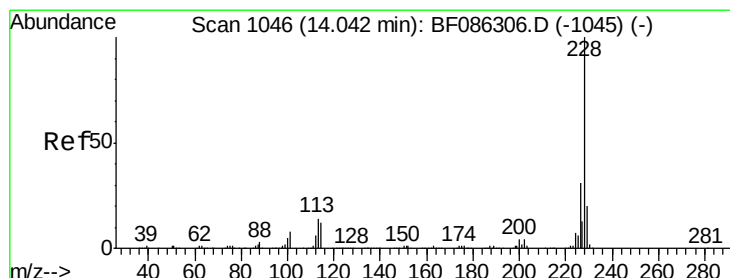
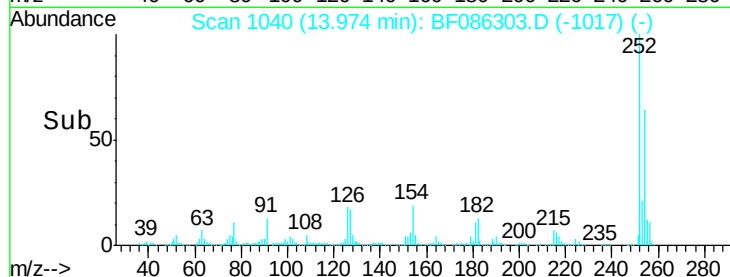
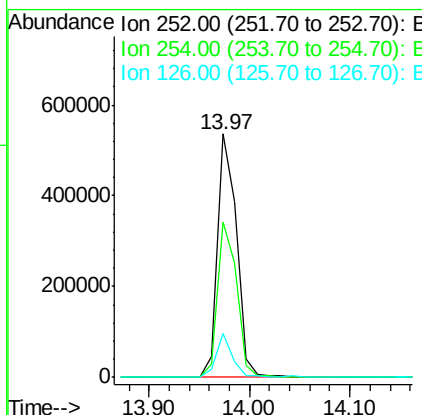
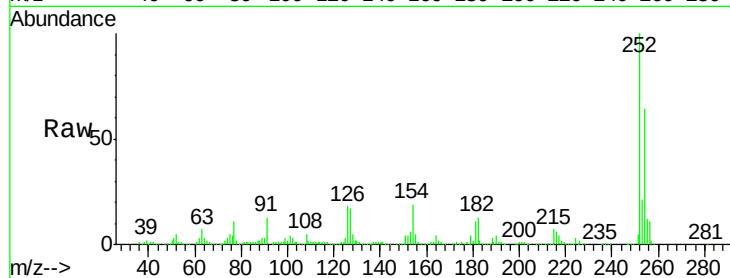




#81
 3,3'-Dichlorobenzidine
 Concen: 47.42 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

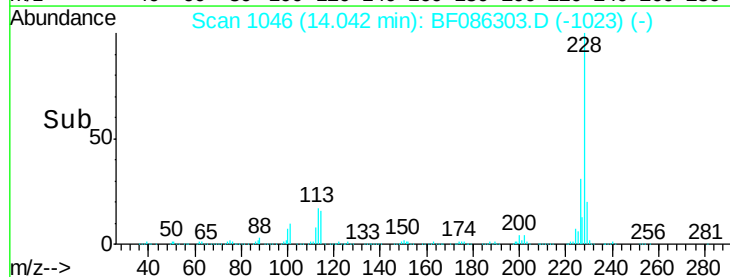
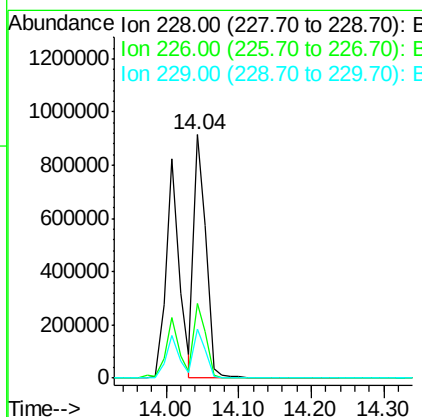
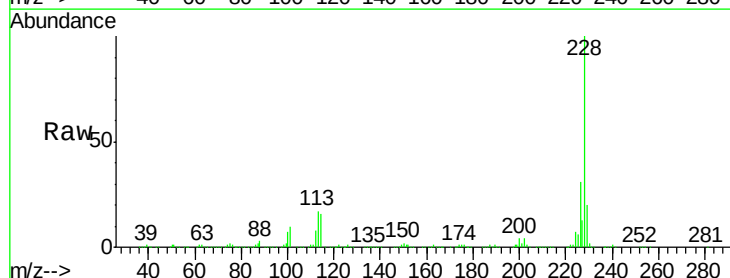
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

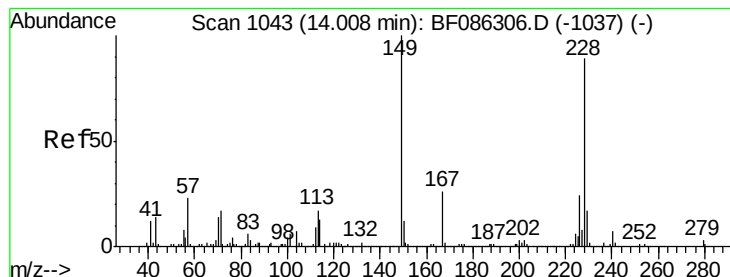
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.1	78.1
126	18.1	13.2	19.8



#82
 Chrysene
 Concen: 45.89 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.2
229	20.2	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.97 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

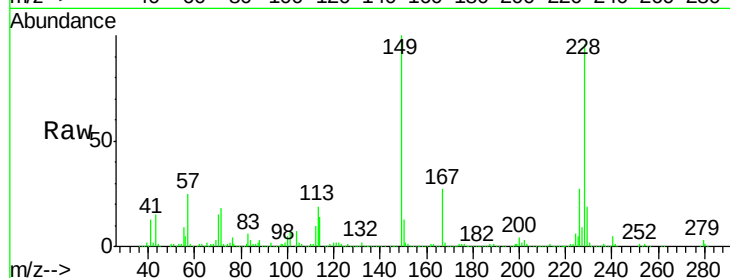
Tot Ion:149 Resp: 863084

Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

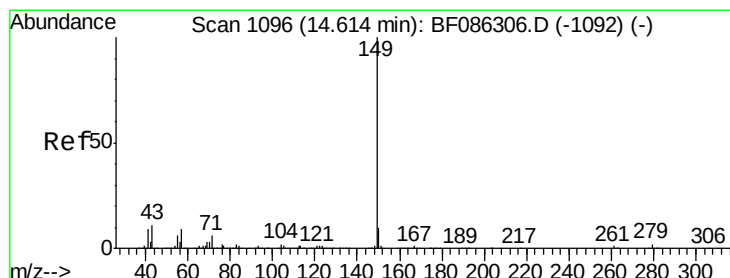
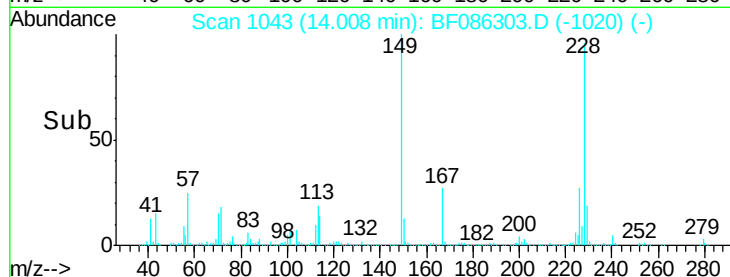
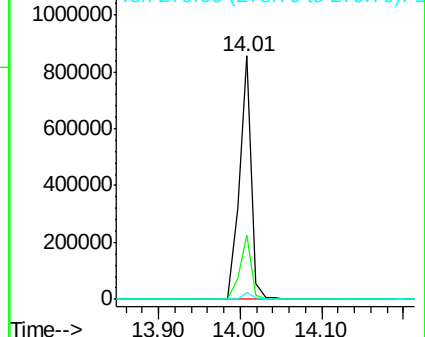
279 3.0 2.4 3.6



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: 48.27 ng

RT: 14.61 min Scan# 1096

Delta R.T. -0.03 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

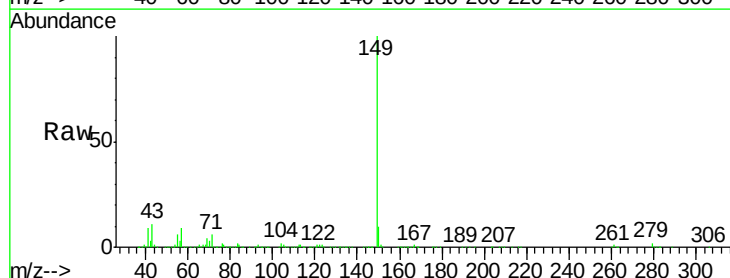
Tgt Ion:149 Resp: 1633012

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

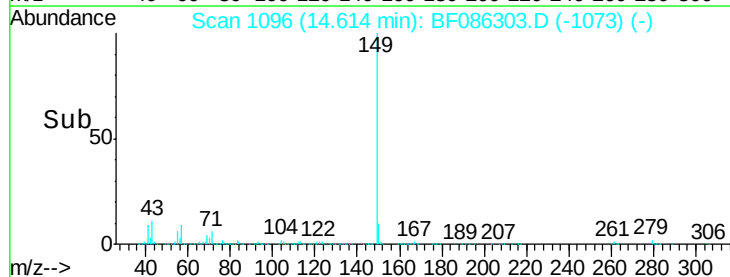
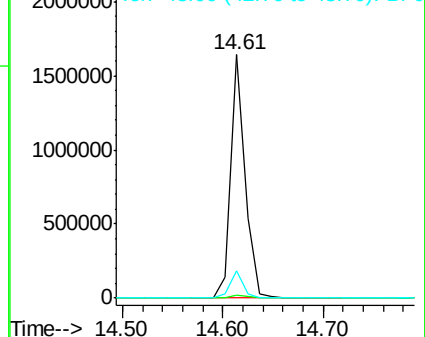
43 10.3 9.1 13.7

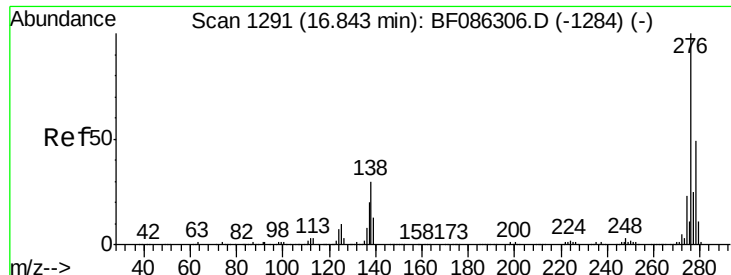


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

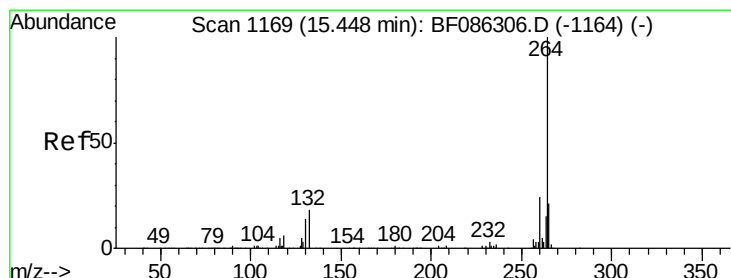
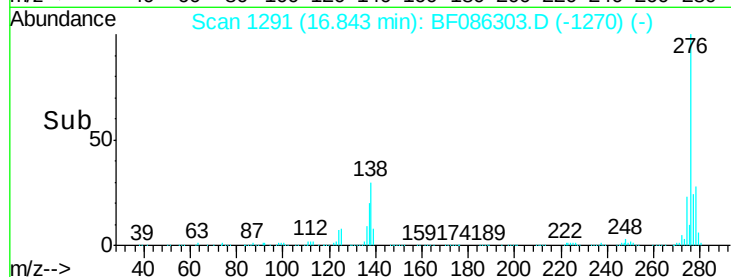
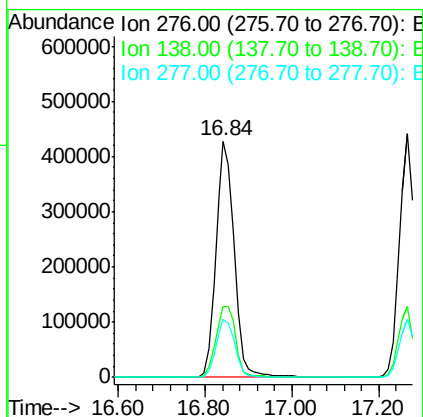
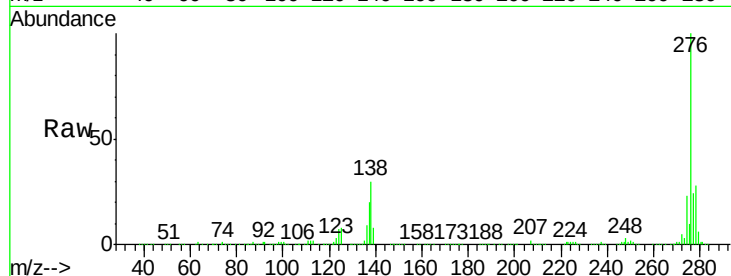




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.93 ng
 RT: 16.84 min Scan# 1291
 Delta R.T. -0.06 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

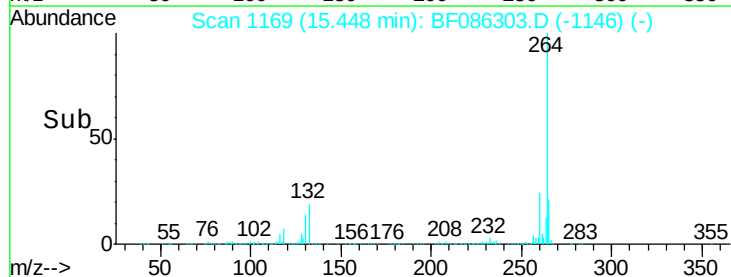
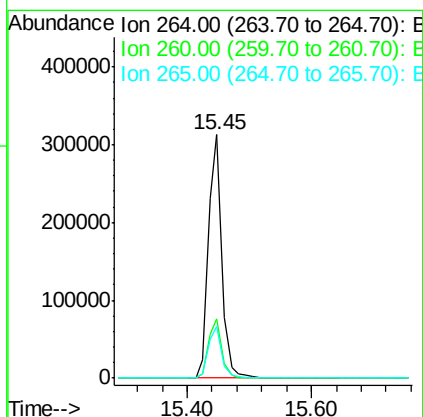
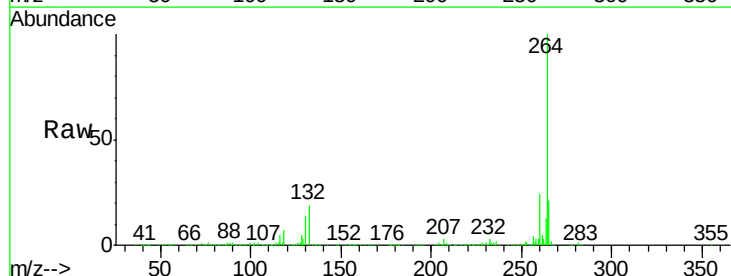
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

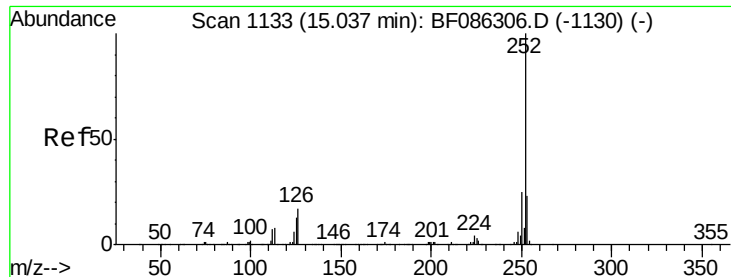
Tot Ion:276 Resp: 1268785
 Ion Ratio Lower Upper
 276 100
 138 32.8 23.8 35.6
 277 25.5 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.03 min
 Lab File: BF086303.D
 Acq: 20 Apr 2016 12:10

Tgt Ion:264 Resp: 464111
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.0 30.0
 265 21.1 17.4 26.0

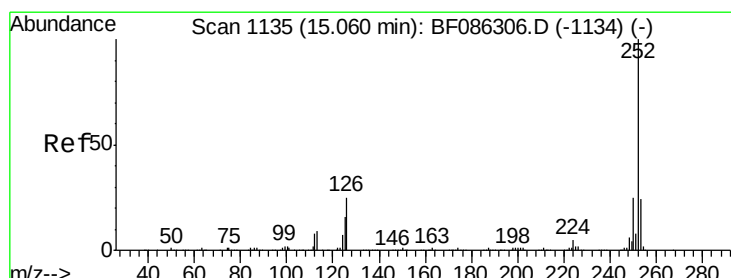
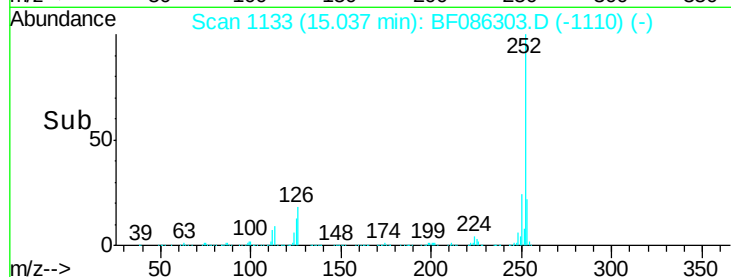
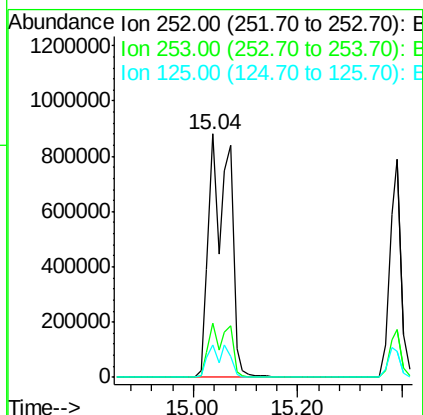
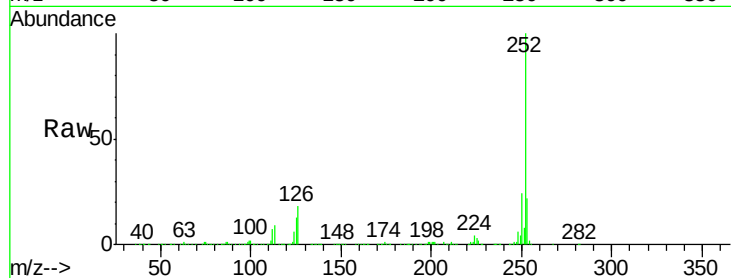




#87
Benzo(b)fluoranthene
Concen: 89.72 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

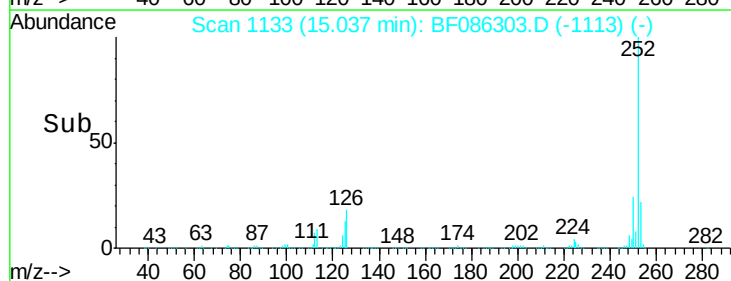
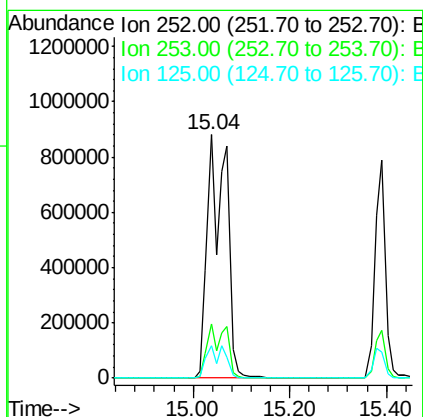
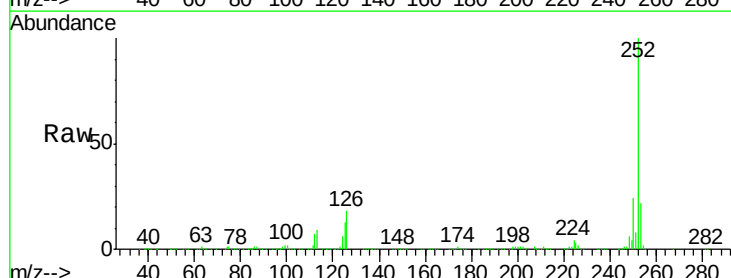
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

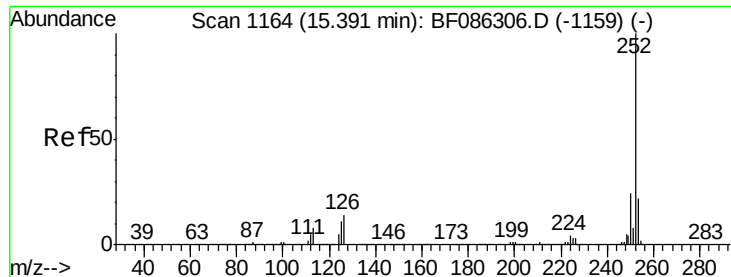
Tot Ion:252 Resp: 2408262
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 13.2 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 106.63 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.07 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

Tgt Ion:252 Resp: 2409531
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 13.2 7.8 11.6#

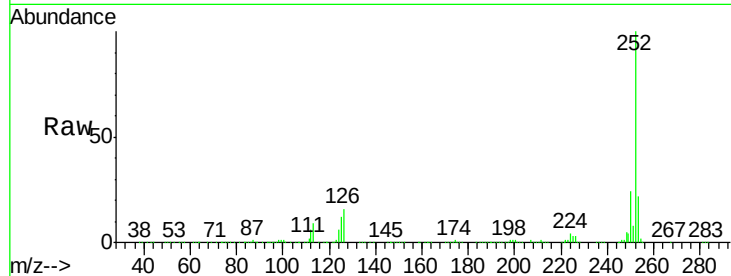




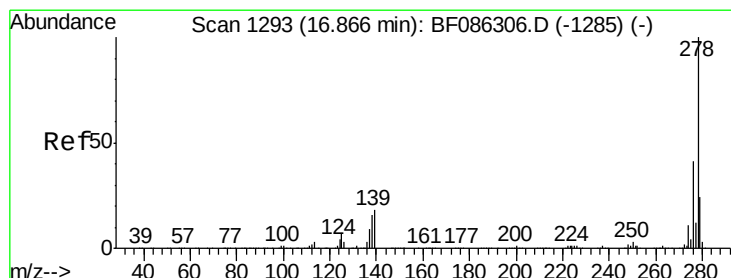
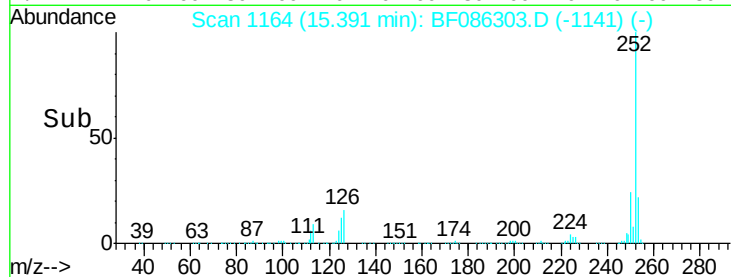
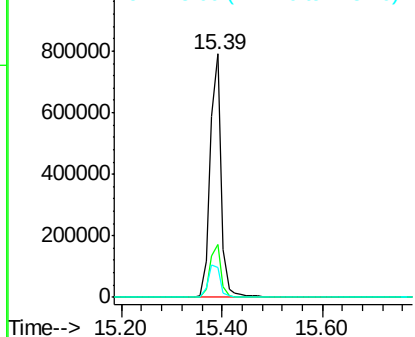
#89
Benzo(a)pyrene
Concen: 47.81 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion:252 Resp: 1182772
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 12.1 11.2 16.8

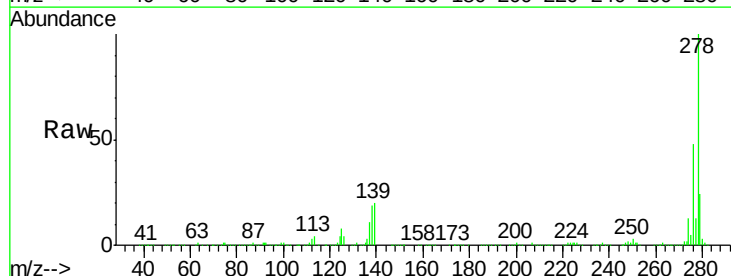


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

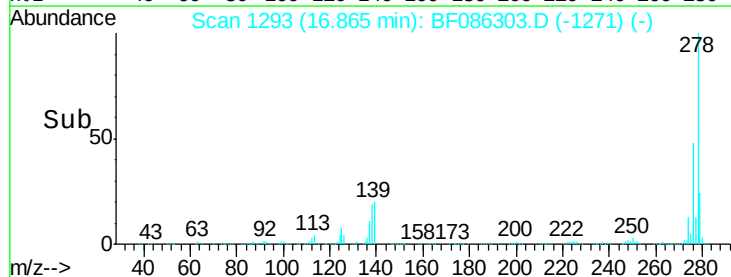
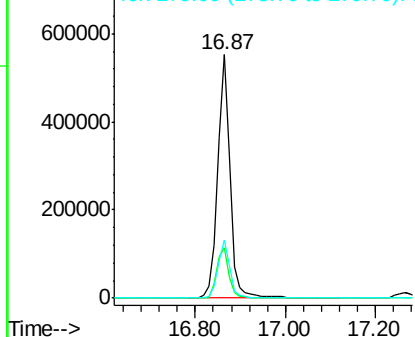


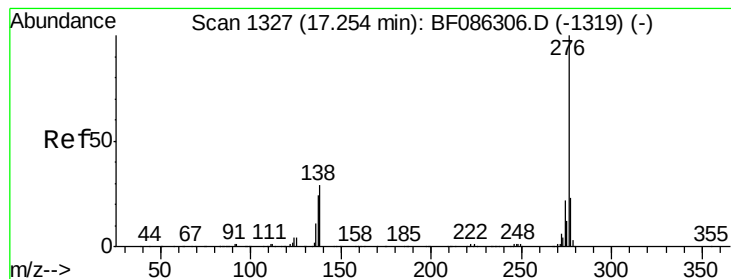
#90
Dibenzo(a,h)anthracene
Concen: 49.28 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.05 min
Lab File: BF086303.D
Acq: 20 Apr 2016 12:10

Tgt Ion:278 Resp: 1064424
Ion Ratio Lower Upper
278 100
139 20.5 15.3 22.9
279 23.7 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: 50.03 ng

RT: 17.27 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF086303.D

Acq: 20 Apr 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:276 Resp: 1035971

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.6

138 28.9 19.6 29.4

