

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086302.D
 Acq On : 20 Apr 2016 11:14
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Quant Time: Apr 20 12:42:44 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 12:38:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	276994	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1130058	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	507527	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	843286	20.00	ng	0.00
75) Chrysene-d12	14.02	240	486255	20.00	ng	0.00
86) Perylene-d12	15.44	264	482871	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	838605	49.60	ng	-0.01
7) Phenol-d6	6.49	99	1073973	50.79	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1025217	52.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	220933	54.21	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1605890	58.39	ng	0.00
78) Terphenyl-d14	12.97	244	1098339	56.80	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.48	88	213548	22.91	ng	96
3) Pyridine	3.21	79	538220	22.14	ng	97
4) n-Nitrosodimethylamine	3.14	42	185167	21.08	ng	# 63
6) Aniline	6.52	93	742833	24.37	ng	97
8) 2-Chlorophenol	6.65	128	489643	25.60	ng	83
9) Benzaldehyde	6.41	77	400194	26.68	ng	96
10) Phenol	6.50	94	617999	24.54	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	528883	27.92	ng	95
12) 1,3-Dichlorobenzene	6.88	146	560917	27.64	ng	98
13) 1,4-Dichlorobenzene	6.88	146	571375	29.56	ng	96
14) 1,2-Dichlorobenzene	7.04	146	517560	30.16	ng	98
15) Benzyl Alcohol	7.00	79	349580	23.30	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	769548	26.07	ng	91
17) 2-Methylphenol	7.12	107	412687	25.90	ng	98
18) Hexachloroethane	7.38	117	182781	25.06	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	316504	23.39	ng	# 86
20) 3+4-Methylphenols	7.28	107	466228	26.12	ng	# 66
22) Acetophenone	7.28	105	647066	27.20	ng	# 93
24) Nitrobenzene	7.45	77	582202	27.18	ng	99
25) Isophorone	7.69	82	971537	24.99	ng	99
26) 2-Nitrophenol	7.77	139	254709	27.27	ng	# 75
27) 2,4-Dimethylphenol	7.80	122	481720	25.54	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	572443	25.04	ng	98
29) 2,4-Dichlorophenol	8.01	162	392553	27.37	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	404693	26.97	ng	98
31) Naphthalene	8.17	128	1451996	28.77	ng	99
32) Benzoic acid	7.90	122	252467	20.94	ng	98
33) 4-Chloroaniline	8.22	127	585640	25.96	ng	# 93
34) Hexachlorobutadiene	8.29	225	209423	27.85	ng	99
35) Caprolactam	8.58	113	117608	22.65	ng	# 62
36) 4-Chloro-3-methylphenol	8.70	107	426201	25.65	ng	94
37) 2-Methylnaphthalene	8.86	142	884334	27.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	345696	29.36	ng	97
40) Hexachlorocyclopentadiene	9.01	237	93623	15.65	ng	98

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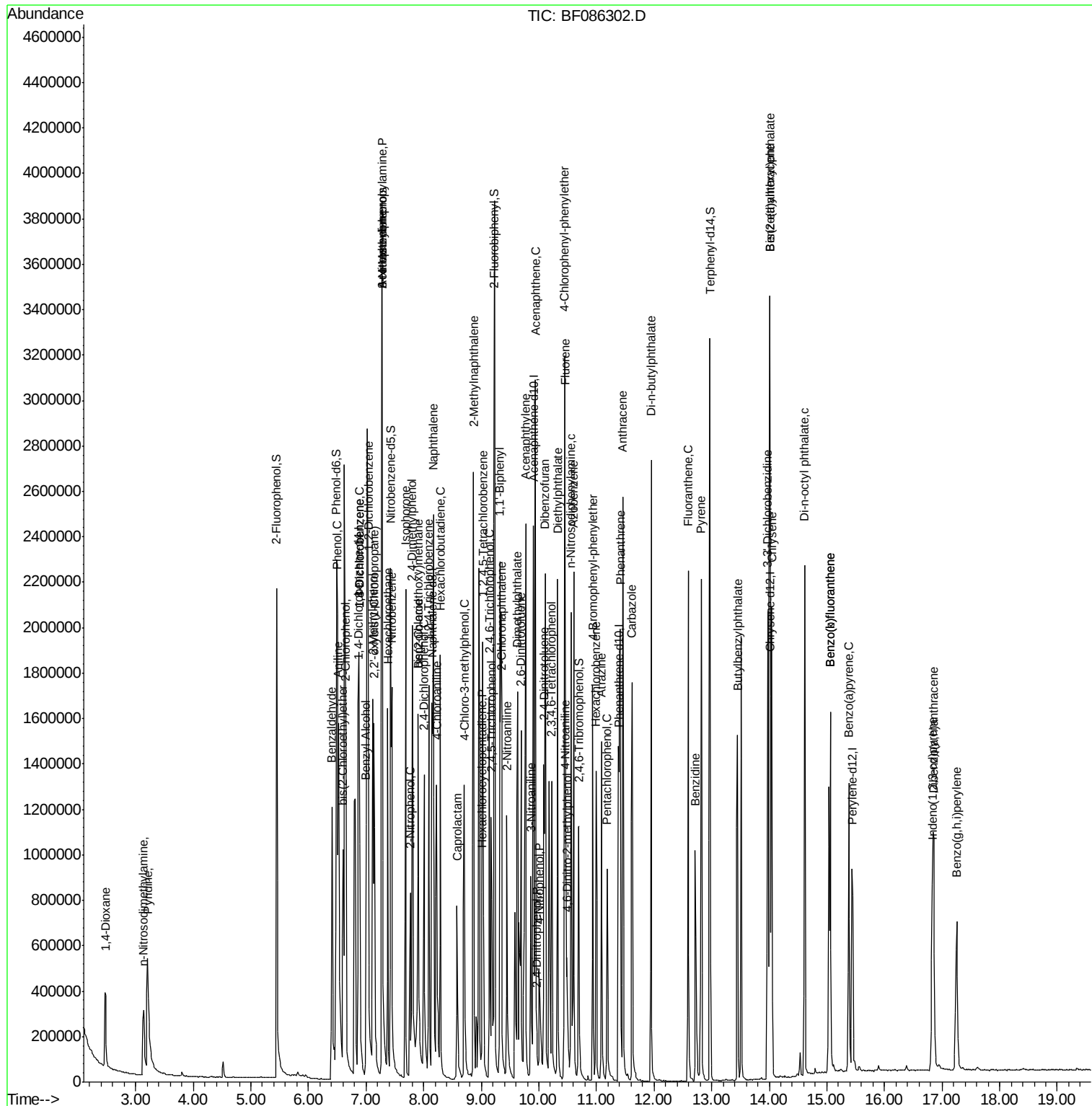
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	252484	25.25	nq	97
43) 2,4,5-Trichlorophenol	9.17	196	261658	27.09	nq	# 82
45) 1,1'-Biphenyl	9.32	154	1024486	28.04	nq	98
46) 2-Chloronaphthalene	9.36	162	834225	27.97	nq	92
47) 2-Nitroaniline	9.45	65	268605	27.80	nq	# 77
48) Acenaphthylene	9.77	152	1336170	28.15	nq	99
49) Dimethylphthalate	9.63	163	1009087	27.34	nq	99
50) 2,6-Dinitrotoluene	9.69	165	216192	26.48	nq	90
51) Acenaphthene	9.94	154	786709	27.75	nq	99
52) 3-Nitroaniline	9.86	138	265107	26.72	nq	# 79
53) 2,4-Dinitrophenol	9.96	184	35088	13.43	nq	# 53
54) Dibenzofuran	10.11	168	1054990	28.17	nq	98
55) 4-Nitrophenol	10.01	139	160063	20.62	nq	87
56) 2,4-Dinitrotoluene	10.09	165	274682	26.28	nq	# 86
57) Fluorene	10.45	166	806419	25.89	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	194401	27.71	nq	94
59) Diethylphthalate	10.33	149	1001171	26.28	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	354003	27.58	nq	96
61) 4-Nitroaniline	10.46	138	246712	28.77	nq	87
62) Azobenzene	10.60	77	987216	26.49	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	58170	14.49	nq	91
65) n-Nitrosodiphenylamine	10.56	169	725436	28.09	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	229880	29.25	nq	94
67) Hexachlorobenzene	10.99	284	228147	27.70	nq	95
68) Atrazine	11.08	200	205895	26.02	nq	98
69) Pentachlorophenol	11.18	266	120343	24.10	nq	98
70) Phenanthrene	11.41	178	1074649	26.68	nq	99
71) Anthracene	11.46	178	1119238	25.46	nq	98
72) Carbazole	11.62	167	1062829	27.75	nq	96
73) Di-n-butylphthalate	11.95	149	1426280	27.54	nq	99
74) Fluoranthene	12.59	202	944593	22.90	nq	99
76) Benzidine	12.72	184	570733	30.26	nq	97
77) Pyrene	12.82	202	926337	24.83	nq	98
79) Butylbenzylphthalate	13.45	149	502574	29.16	nq	98
80) Benzo(a)anthracene	14.01	228	635453	23.81	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	462447	29.89	nq	99
82) Chrysene	14.04	228	720753	25.32	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	603208	32.42	nq	100
84) Di-n-octyl phthalate	14.61	149	1062570	29.63	nq	96
85) Indeno(1,2,3-cd)pyrene	16.83	276	698724	29.87	nq	97
87) Benzo(b)fluoranthene	15.06	252	1397382	46.91	nq	99
88) Benzo(k)fluoranthene	15.06	252	1398294	51.48	nq	# 97
89) Benzo(a)pyrene	15.38	252	673118	26.08	nq	98
90) Dibenzo(a,h)anthracene	16.85	278	590247	25.88	nq	98
91) Benzo(g,h,i)perylene	17.25	276	557895	23.01	nq	97

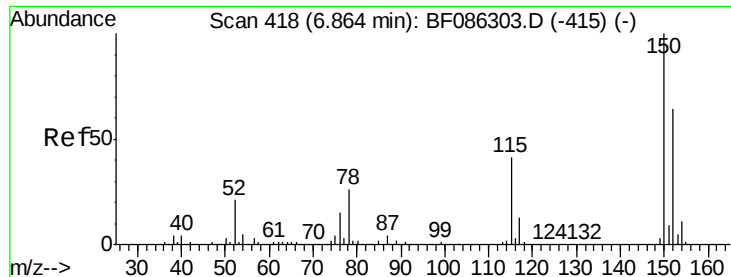
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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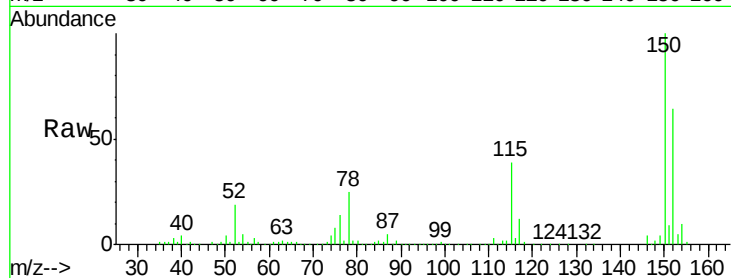


#1

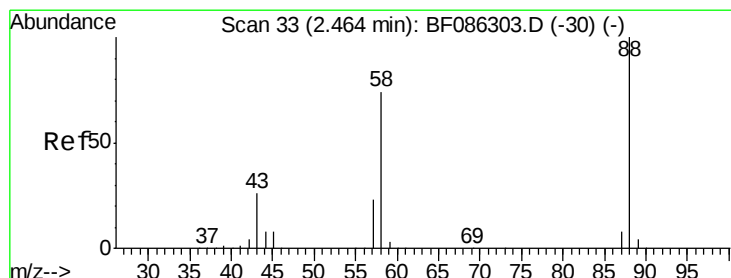
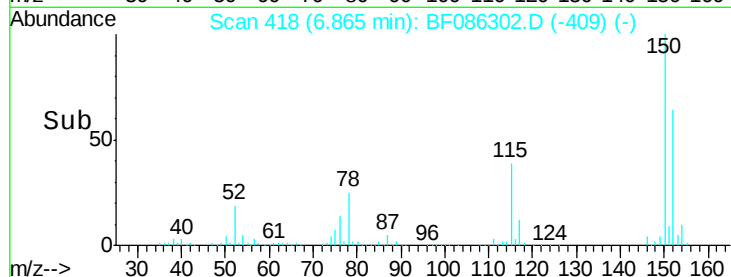
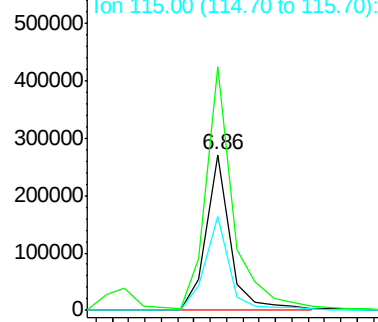
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:152 Resp: 276994
Ion Ratio Lower Upper
152 100
150 156.4 124.1 186.1
115 60.6 43.9 65.9



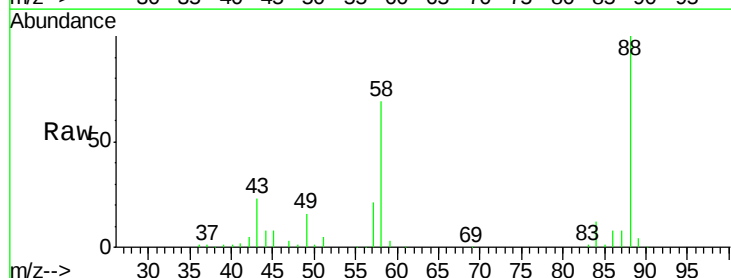
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



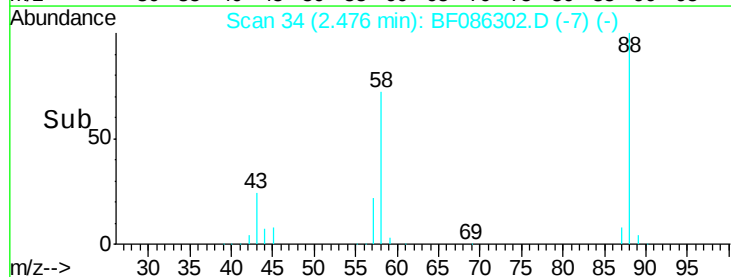
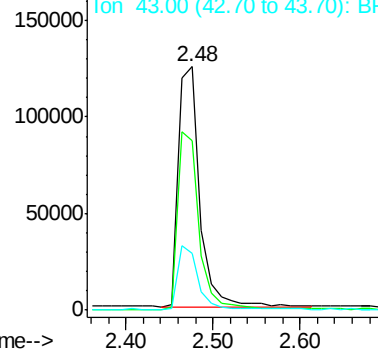
#2

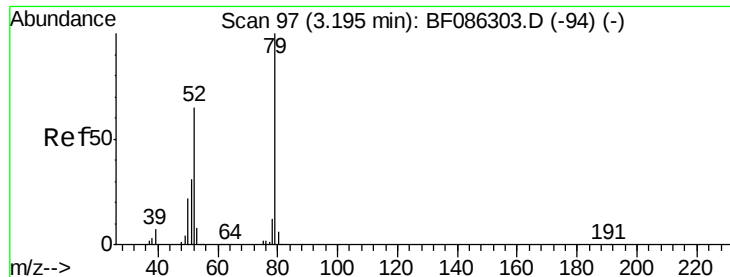
1,4-Dioxane
Concen: 22.91 ng
RT: 2.48 min Scan# 34
Delta R.T. 0.01 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

Tgt Ion: 88 Resp: 213548
Ion Ratio Lower Upper
88 100
58 75.2 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: 22.14 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

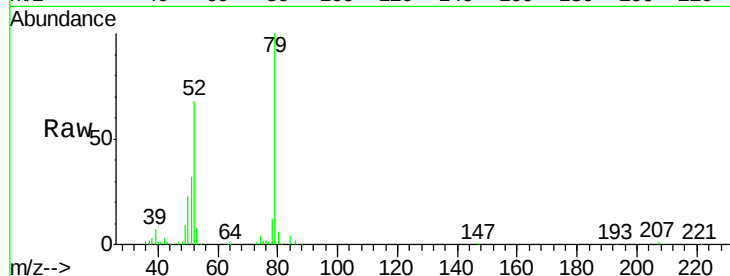
Tot Ion: 79 Resp: 538220

Ion Ratio Lower Upper

79 100

52 68.2 55.4 83.2

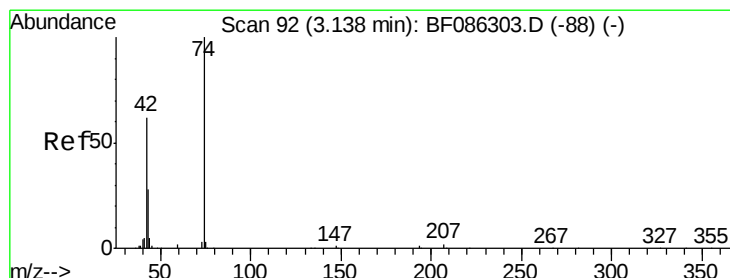
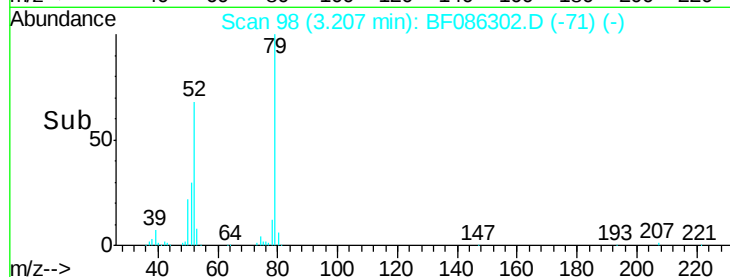
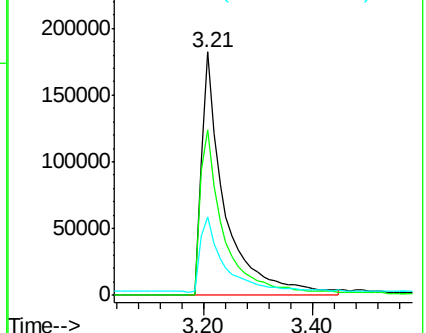
51 32.0 28.1 42.1



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: 21.08 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

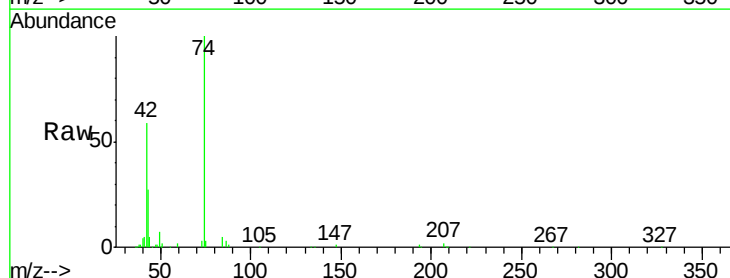
Tgt Ion: 42 Resp: 185167

Ion Ratio Lower Upper

42 100

74 169.8 100.5 150.7#

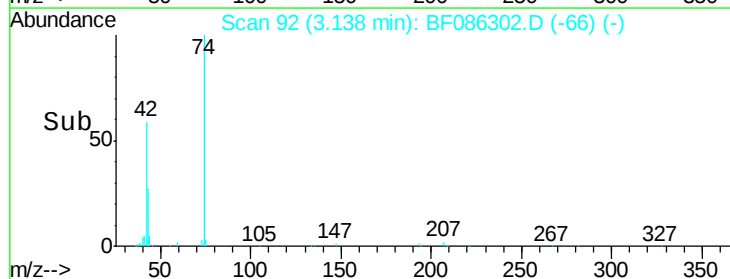
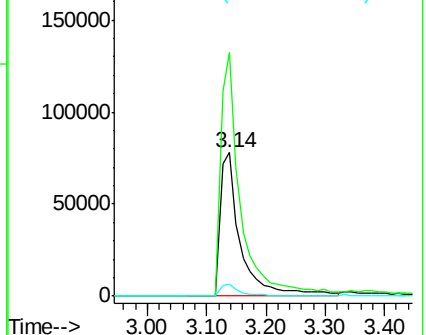
44 8.6 5.4 8.0#

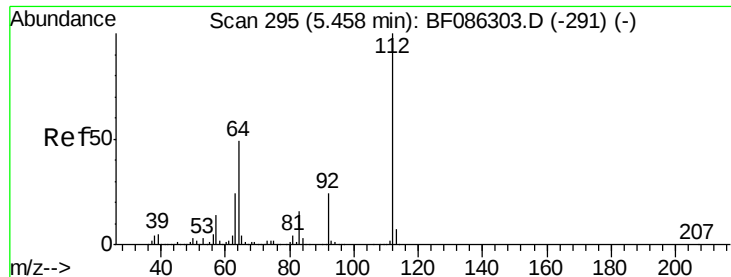


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 49.60 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.01 min

Lab File: BF086302.D

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SSTDICC025

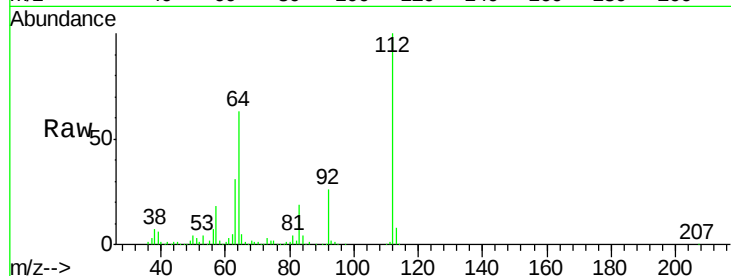
Tot Ion:112 Resp: 838605

Ion Ratio Lower Upper

112 100

64 63.2 48.1 72.1

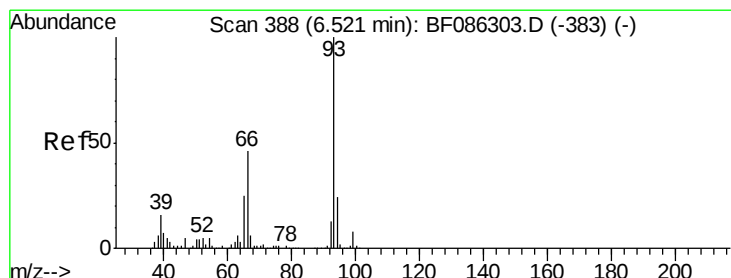
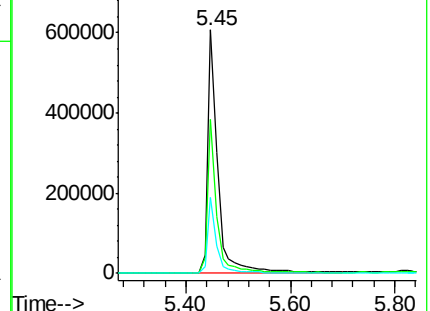
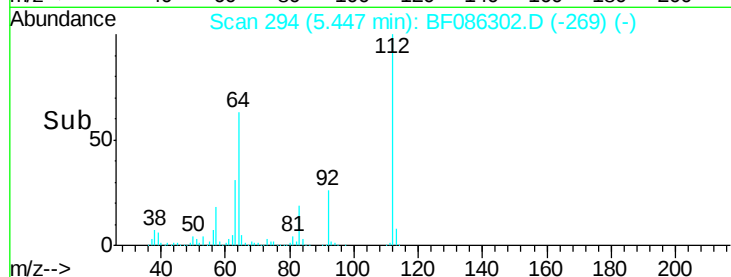
63 31.4 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.37 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

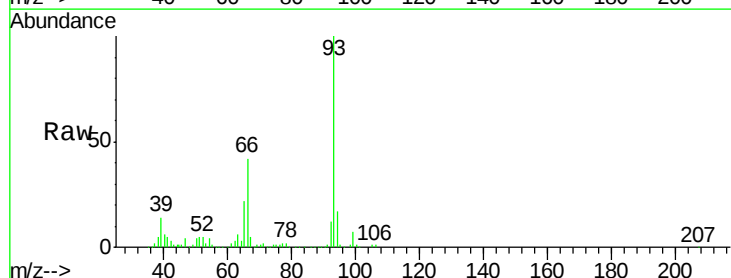
Tgt Ion: 93 Resp: 742833

Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

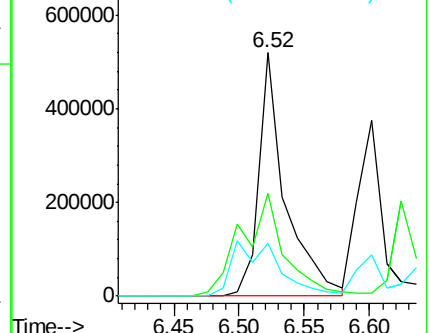
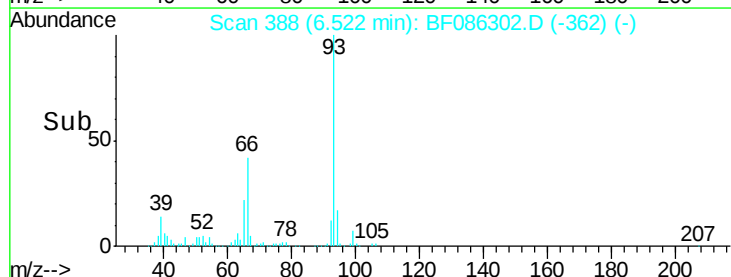
65 21.5 16.4 24.6

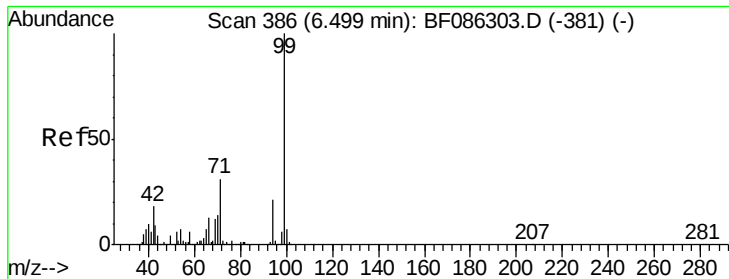


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 50.79 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

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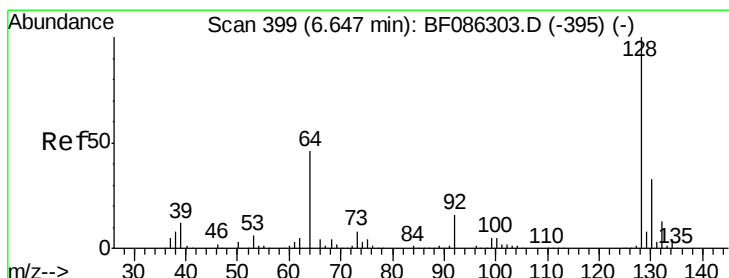
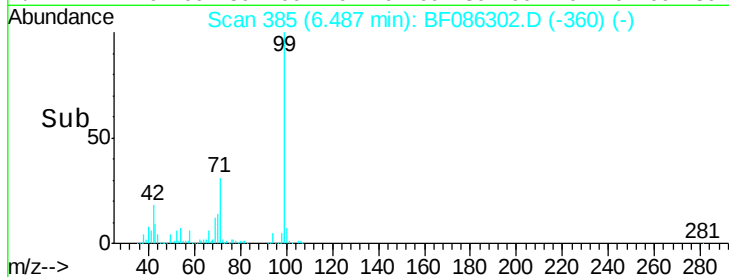
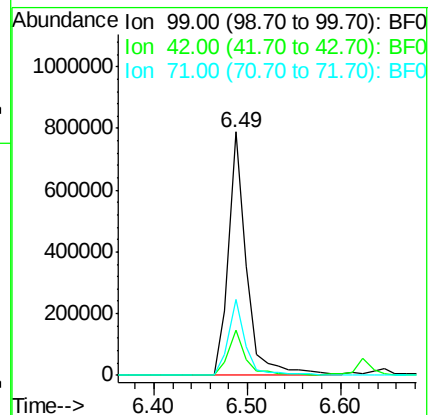
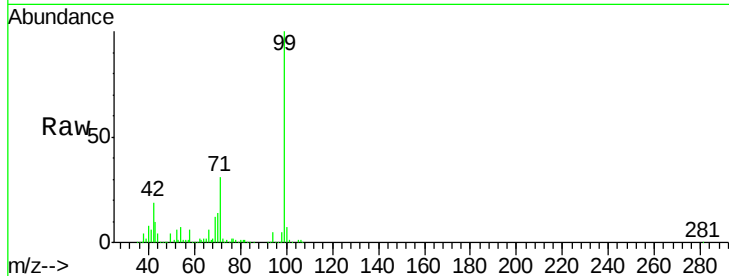
Tot Ion: 99 Resp: 1073973

Ion Ratio Lower Upper

99 100

42 18.5 15.4 23.2

71 31.3 25.6 38.4



#8

2-Chlorophenol

Concen: 25.60 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

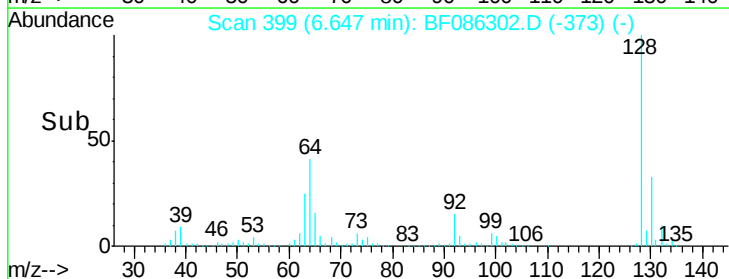
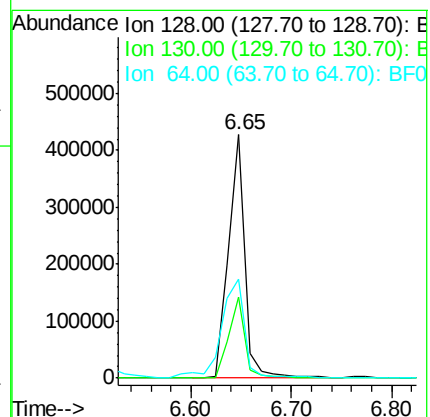
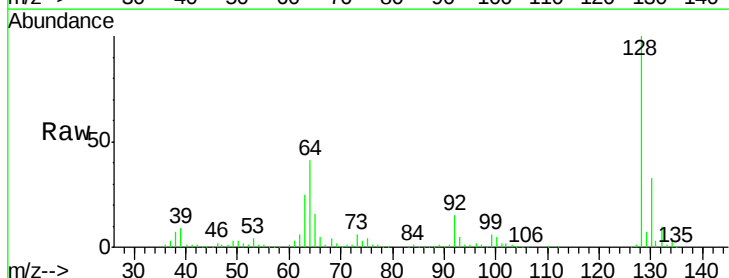
Tgt Ion: 128 Resp: 489643

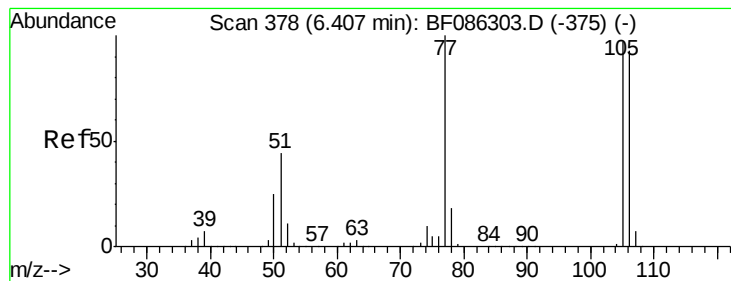
Ion Ratio Lower Upper

128 100

130 33.1 11.8 51.8

64 40.8 39.5 79.5





#9

Benzaldehyde

Concen: 26.68 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

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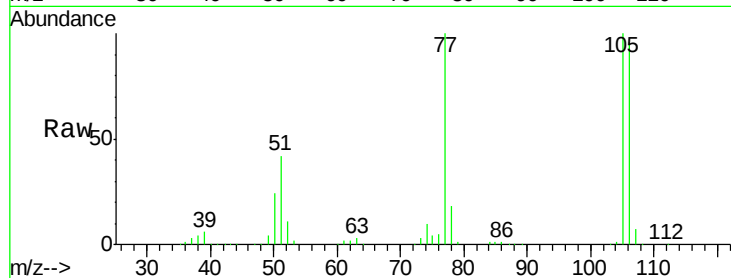
Tot Ion: 77 Resp: 400194

Ion Ratio Lower Upper

77 100

105 99.6 84.6 124.6

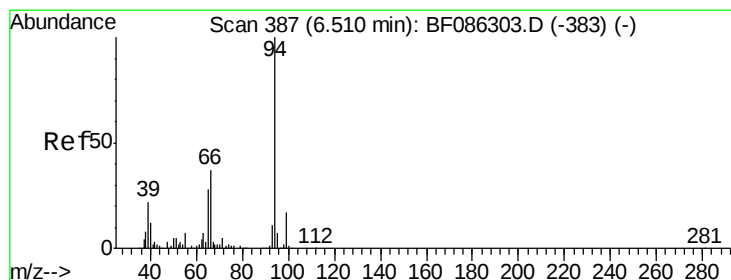
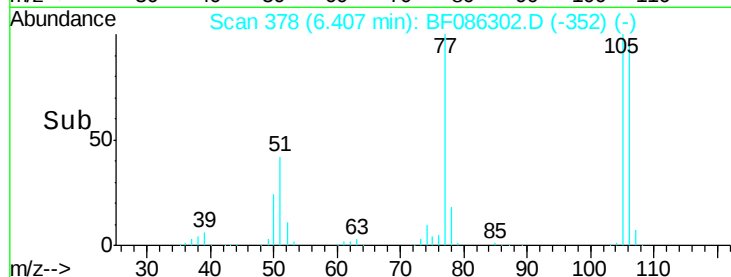
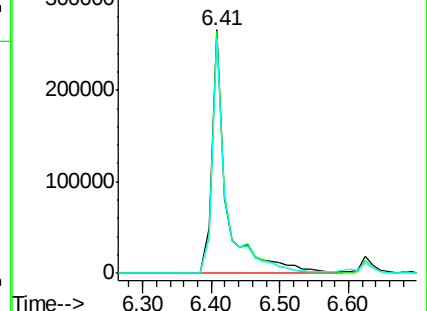
106 96.4 78.6 118.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 24.54 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

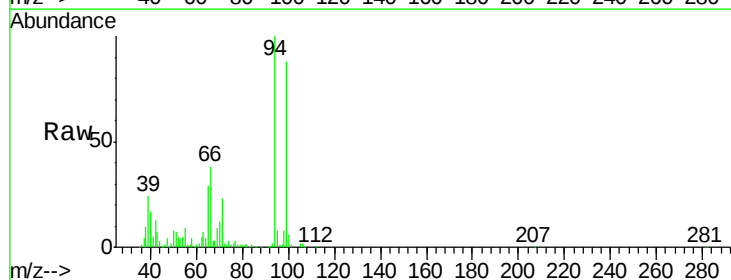
Tgt Ion: 94 Resp: 617999

Ion Ratio Lower Upper

94 100

65 29.2 7.9 47.9

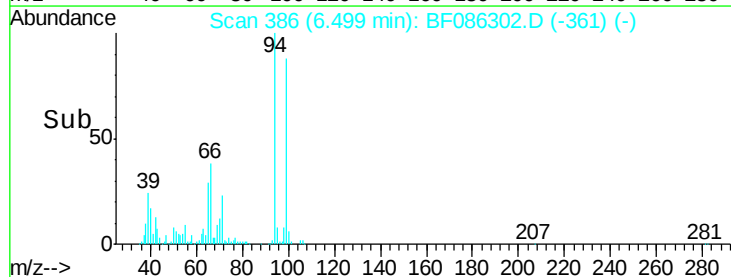
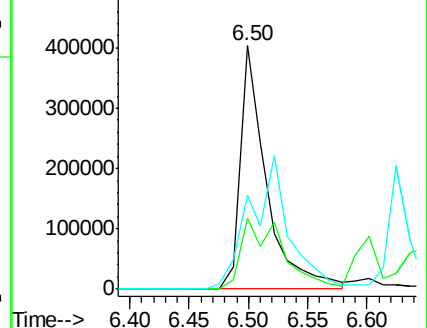
66 38.4 16.5 56.5

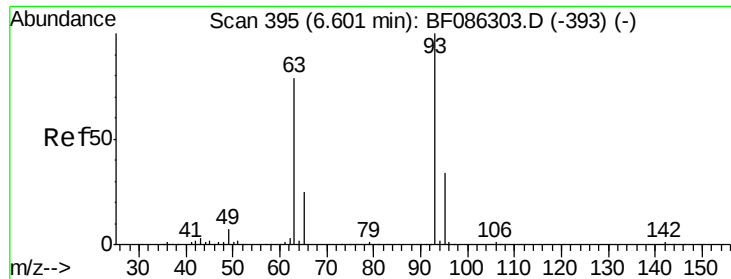


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

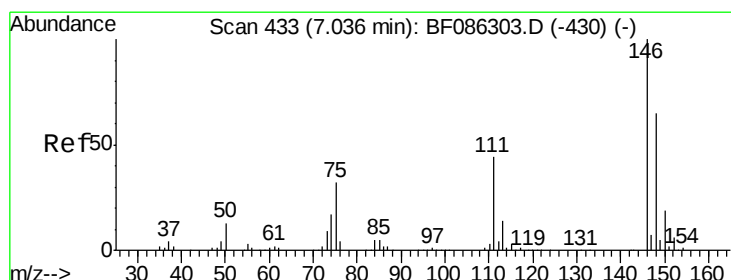
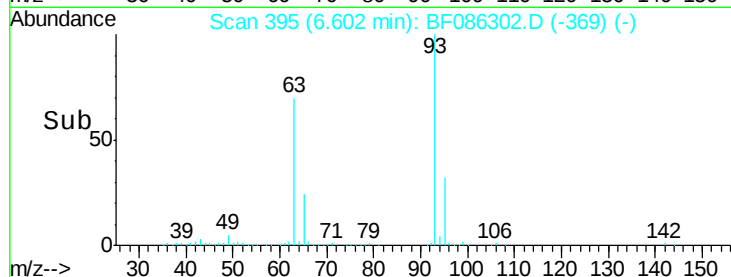
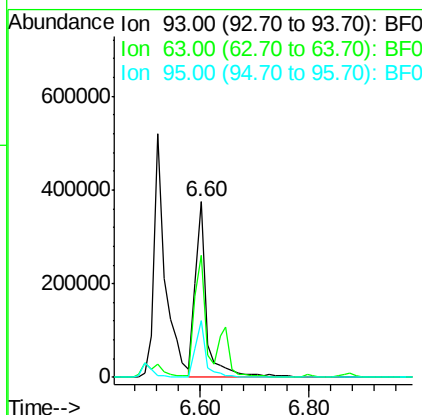
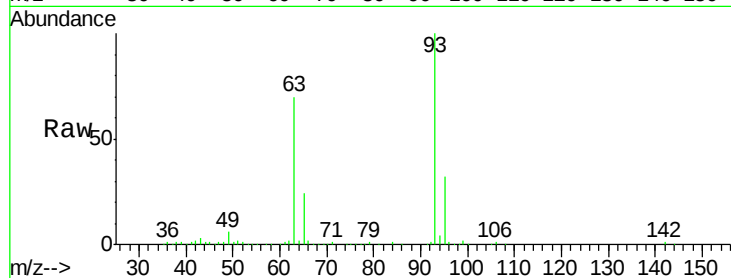




#11
bis(2-Chloroethyl)ether
Concen: 27.92 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

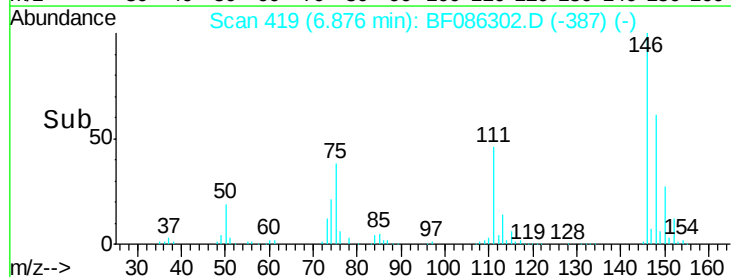
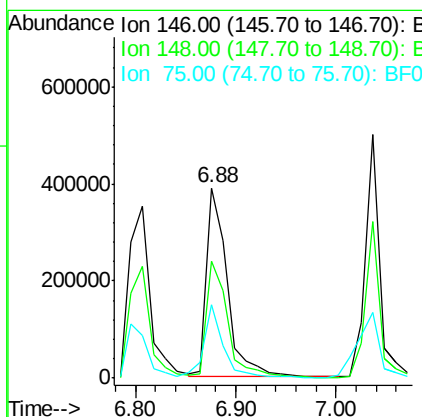
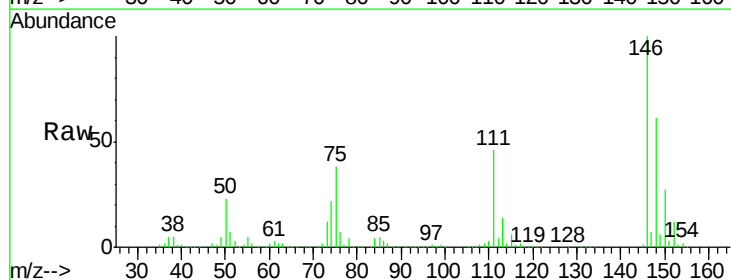
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

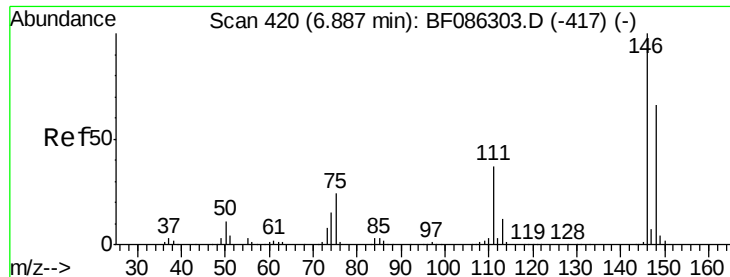
Tot Ion: 93 Resp: 528883
Ion Ratio Lower Upper
93 100
63 69.7 44.4 84.4
95 32.0 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 27.64 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.07 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

Tgt Ion: 146 Resp: 560917
Ion Ratio Lower Upper
146 100
148 61.5 51.0 76.4
75 38.3 29.9 44.9

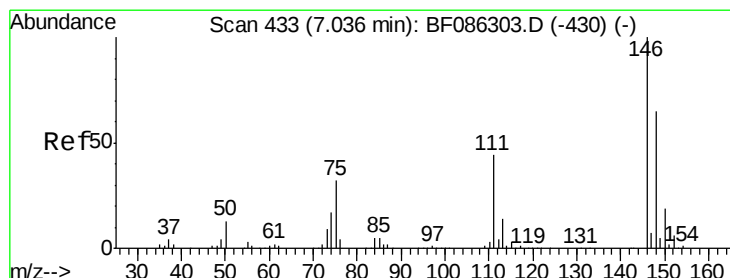
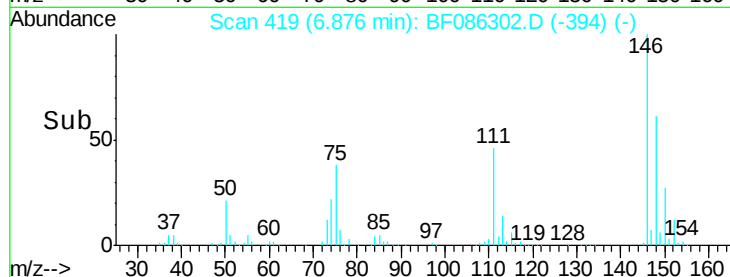
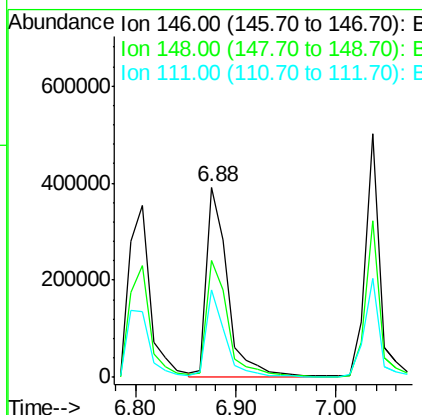
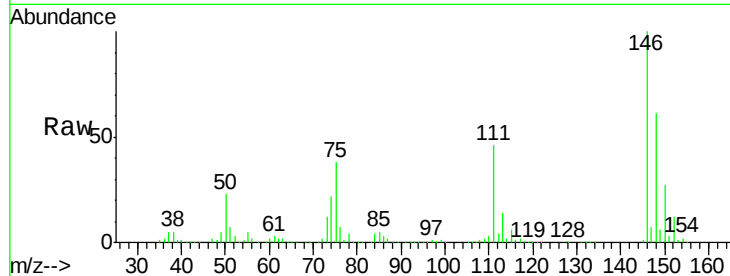




#13
 1,4-Dichlorobenzene
 Concen: 29.56 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF086302.D
 Acq: 20 Apr 2016 11:14

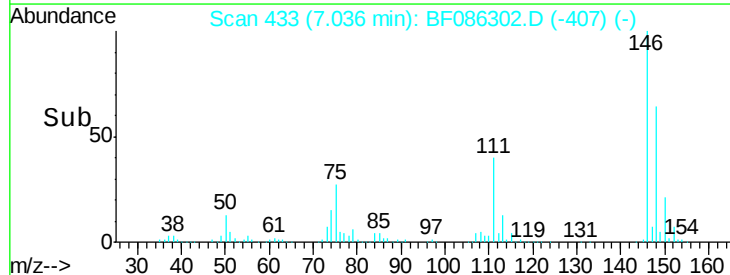
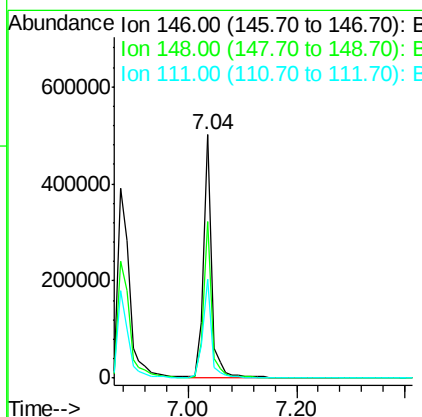
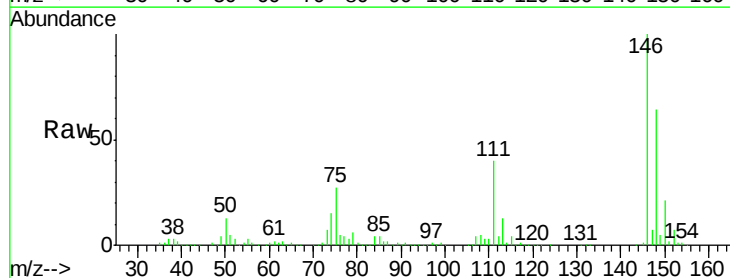
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

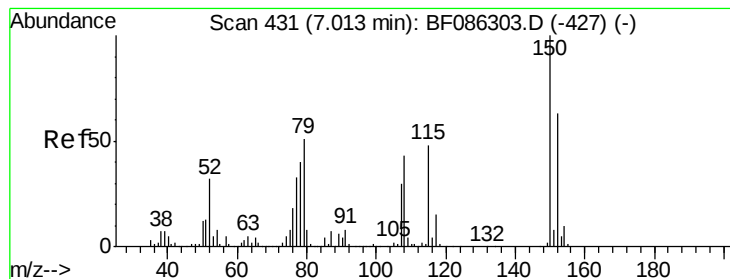
Tot Ion:146 Resp: 571375
 Ion Ratio Lower Upper
 146 100
 148 61.5 51.8 77.6
 111 46.2 34.9 52.3



#14
 1,2-Dichlorobenzene
 Concen: 30.16 ng
 RT: 7.04 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: BF086302.D
 Acq: 20 Apr 2016 11:14

Tgt Ion:146 Resp: 517560
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 40.4 31.0 46.4





#15

Benzyl Alcohol

Concen: 23.30 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

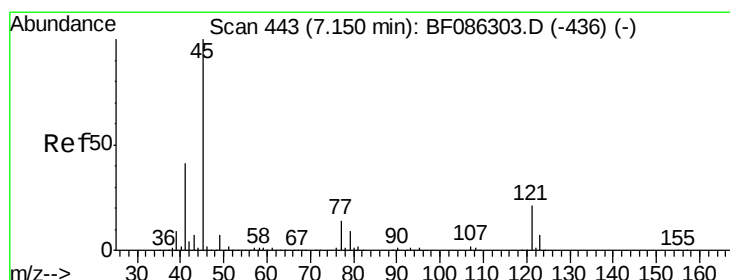
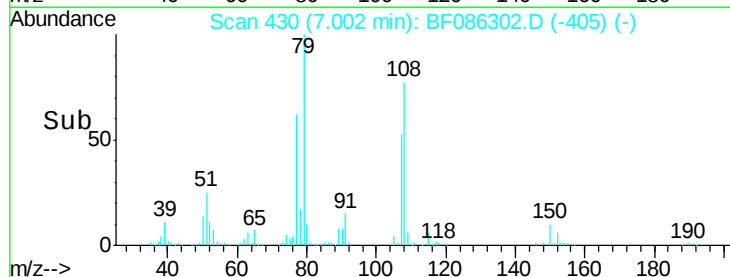
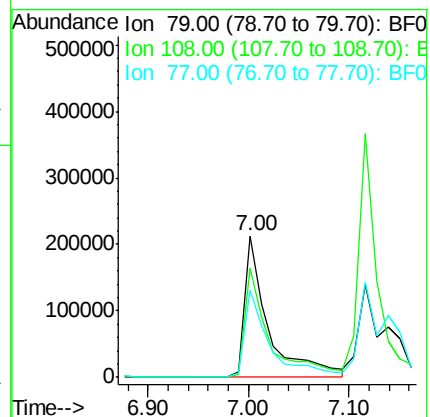
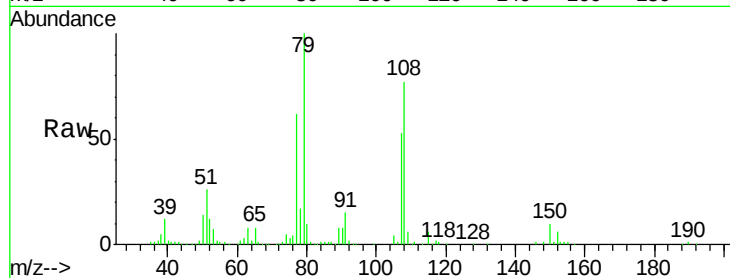
Tot Ion: 79 Resp: 349580

Ion Ratio Lower Upper

79 100

108 77.1 64.8 97.2

77 62.2 51.9 77.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 26.07 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

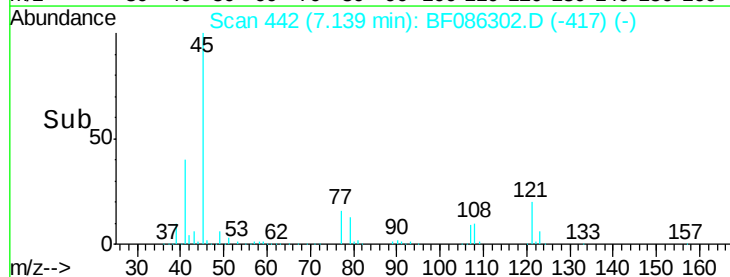
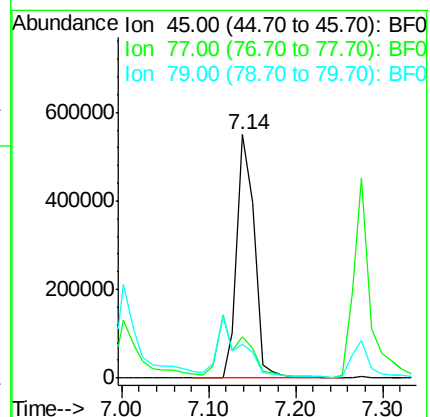
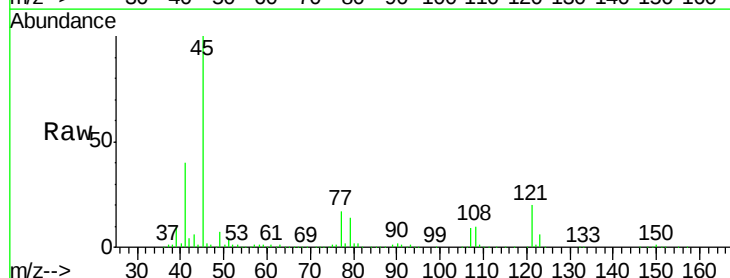
Tgt Ion: 45 Resp: 769548

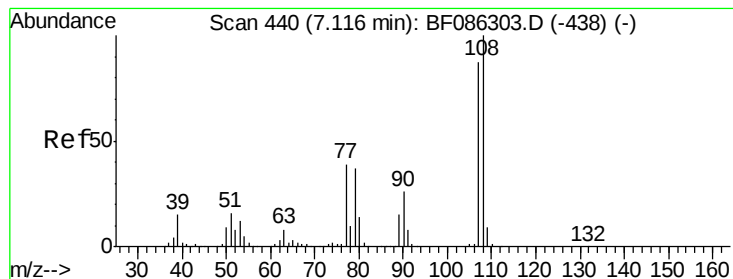
Ion Ratio Lower Upper

45 100

77 17.1 0.0 33.7

79 13.9 0.0 30.1

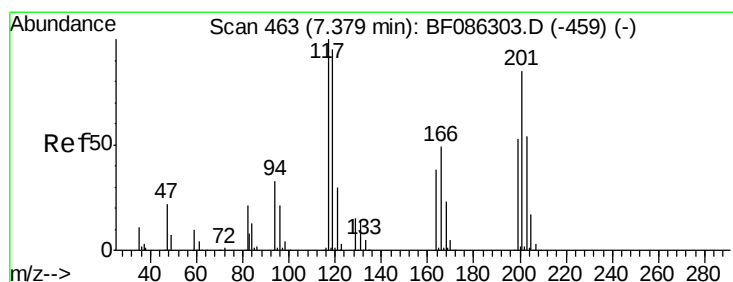
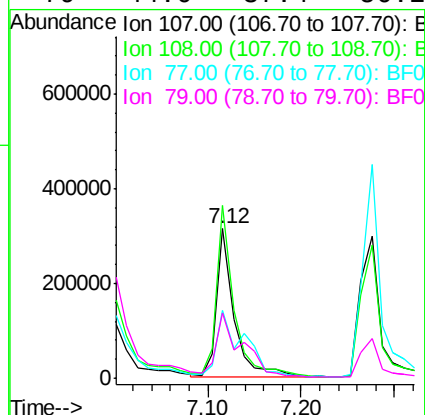
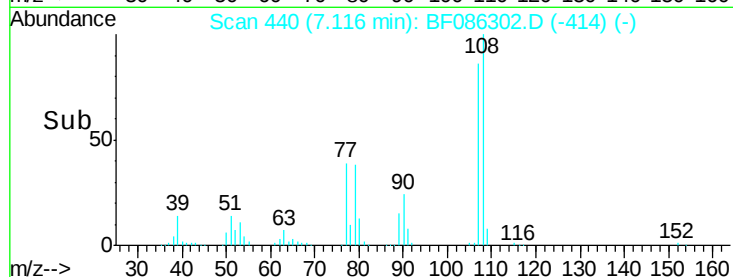
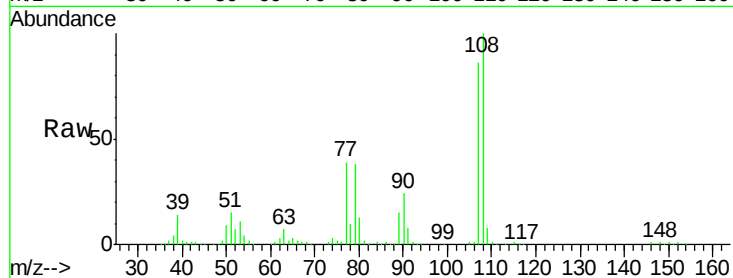




#17
2-Methylphenol
Concen: 25.90 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

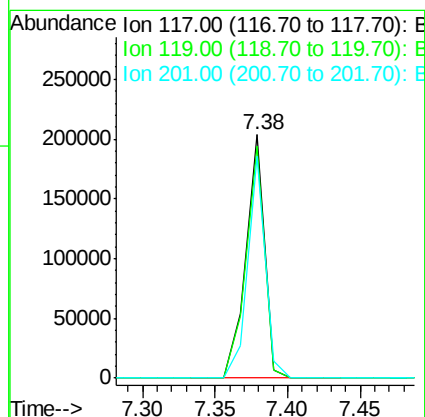
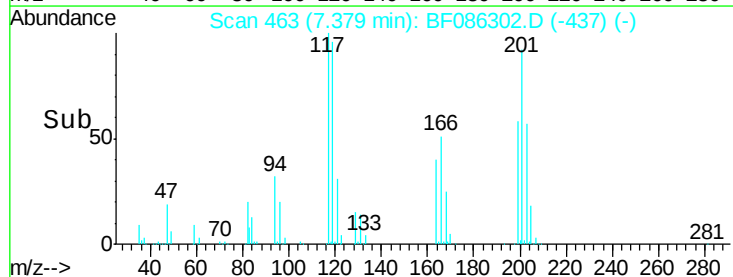
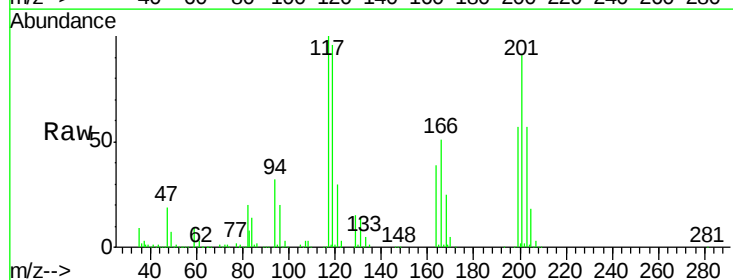
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

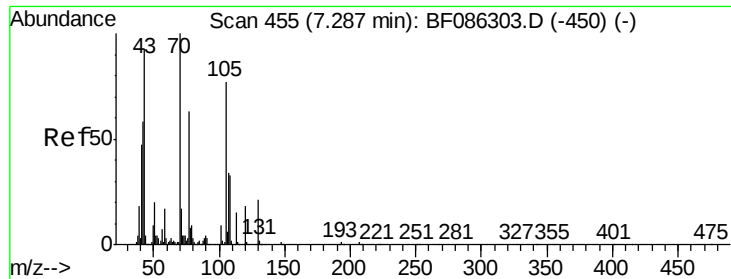
Tot Ion:107 Resp: 412687
Ion Ratio Lower Upper
107 100
108 116.0 92.7 139.1
77 45.2 39.6 59.4
79 44.0 37.4 56.2



#18
Hexachloroethane
Concen: 25.06 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

Tgt Ion:117 Resp: 182781
Ion Ratio Lower Upper
117 100
119 95.5 78.2 117.4
201 91.2 75.7 113.5

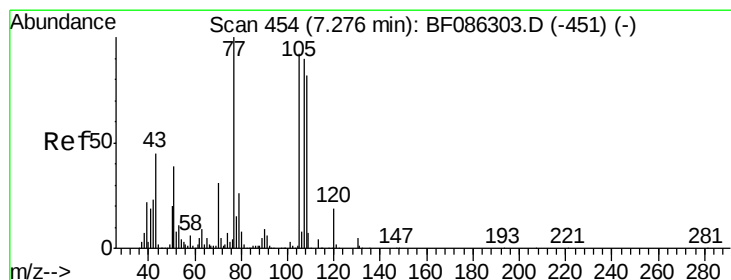
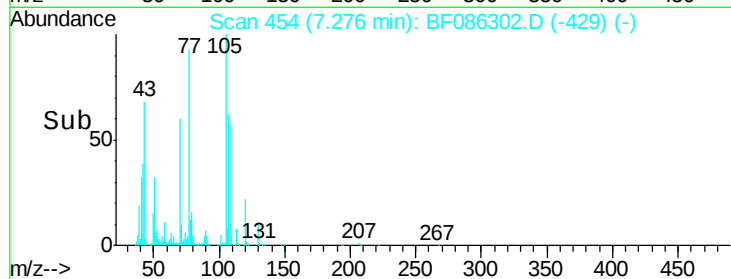
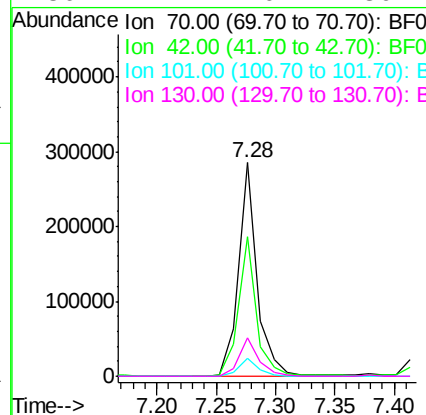
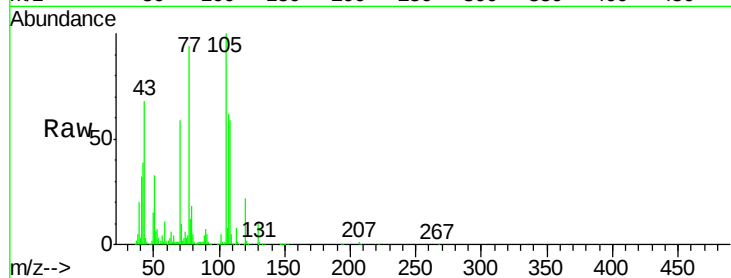




#19
n-Nitroso-di-n-propylamine
Concen: 23.39 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

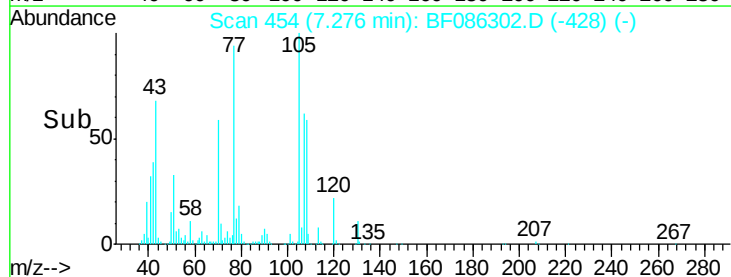
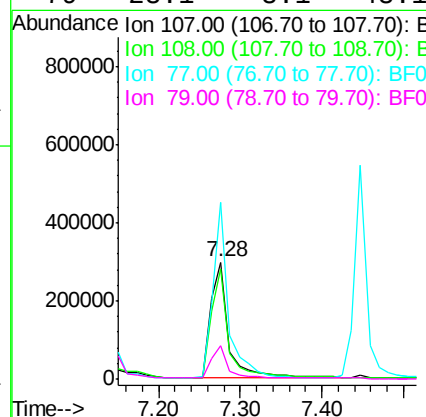
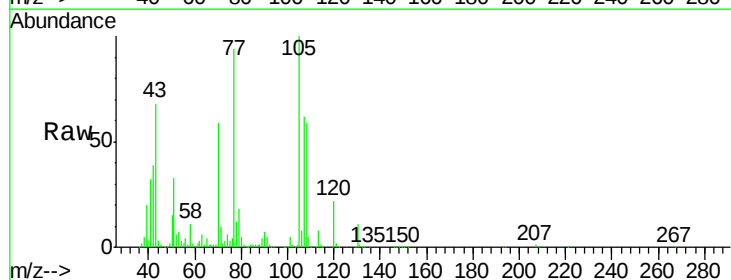
Instrument :
BNA_F
ClientSampleId :
SSTDICC025

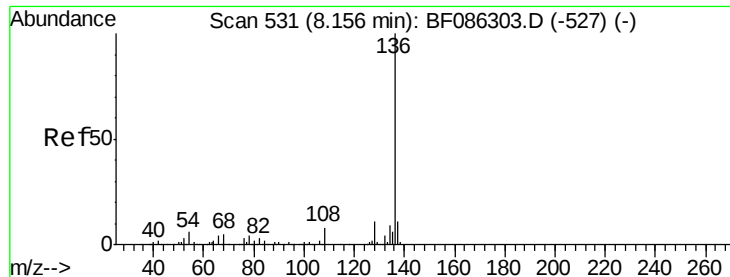
Tot Ion	Ratio	Lower	Upper
70	100		
42	65.1	43.0	64.4#
101	8.7	8.1	12.1
130	17.7	20.1	30.1#



#20
3+4-Methylphenols
Concen: 26.12 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.8	69.7	109.7
77	150.6	60.5	100.5#
79	28.1	8.1	48.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

Tot Ion:136 Resp: 1130058

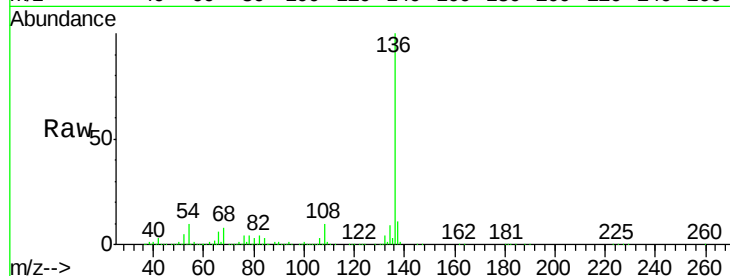
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 10.0 7.3 10.9

68 8.0 5.7 8.5

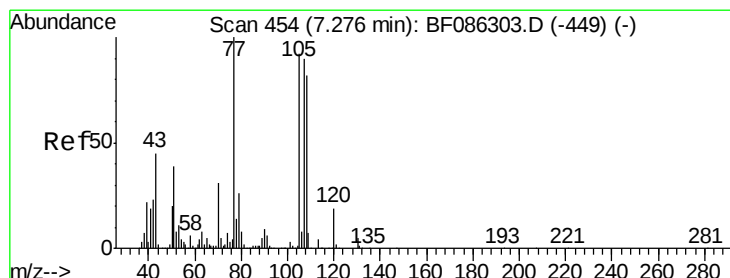
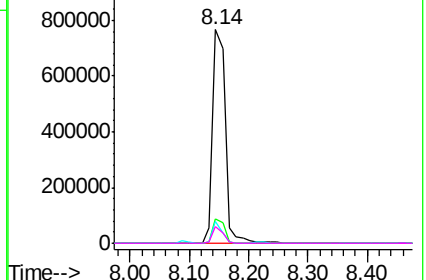
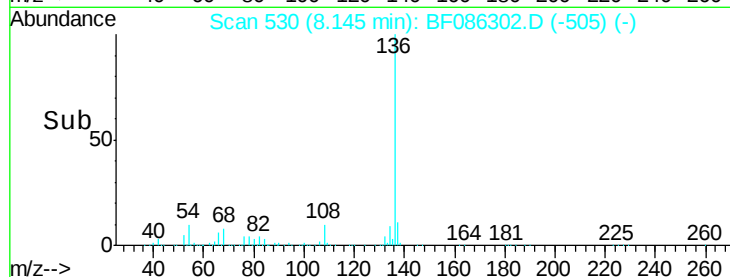


Abundance Ion 136.00 (135.70 to 136.70): E

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: 27.20 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Tgt Ion:105 Resp: 647066

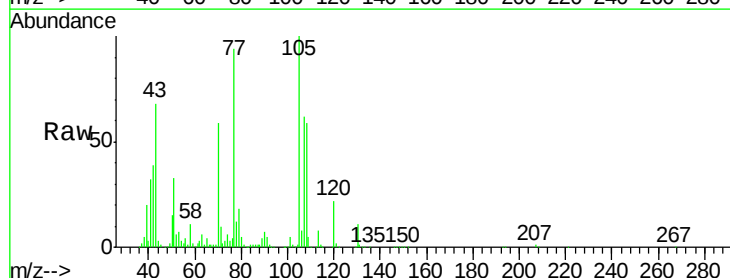
Ion Ratio Lower Upper

105 100

71 10.2 4.0 6.0#

51 32.8 22.0 33.0

120 21.6 17.5 26.3

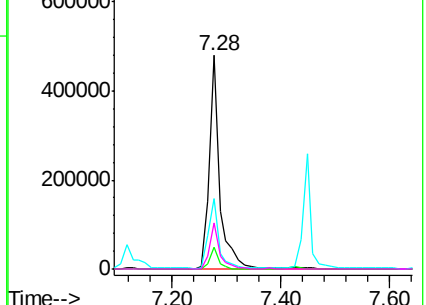
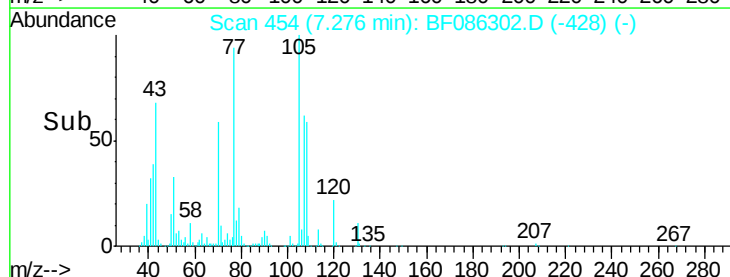


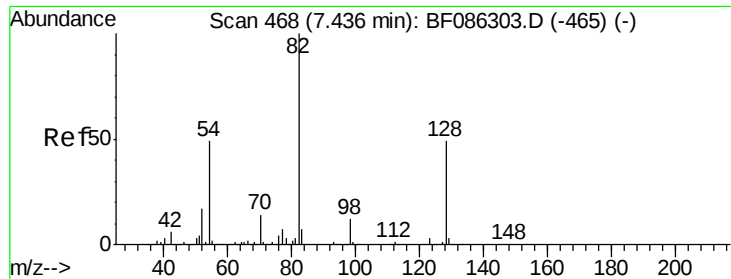
Abundance Ion 105.00 (104.70 to 105.70): E

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: 52.33 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

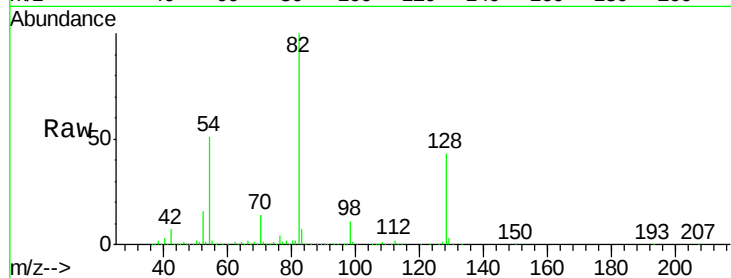
BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 82 Resp: 1025217

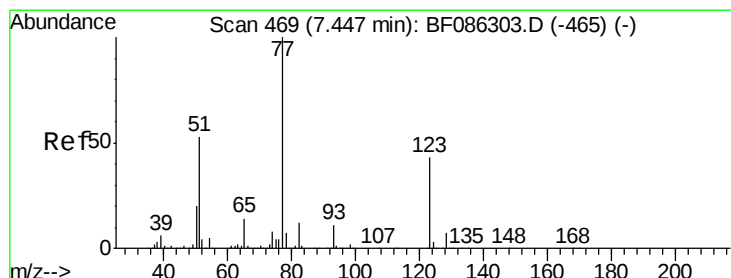
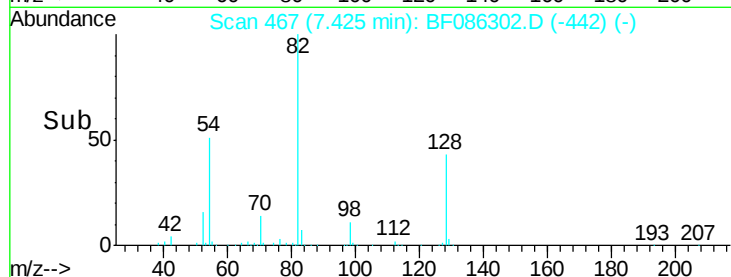
Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.4	53.2
54	51.4	43.4	65.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 27.18 ng

RT: 7.45 min Scan# 469

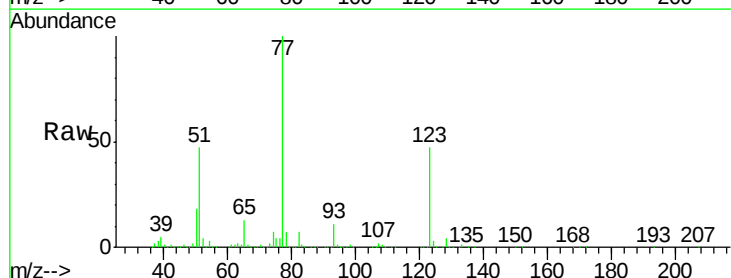
Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Tgt Ion: 77 Resp: 582202

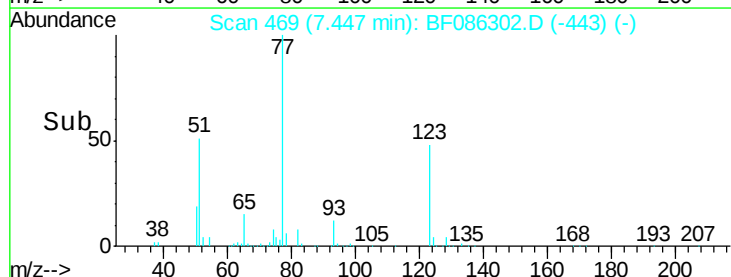
Ion	Ratio	Lower	Upper
77	100		
123	47.3	38.3	57.5
65	13.2	11.3	16.9

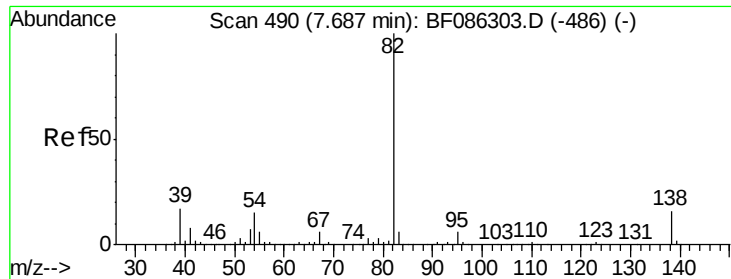


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 24.99 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

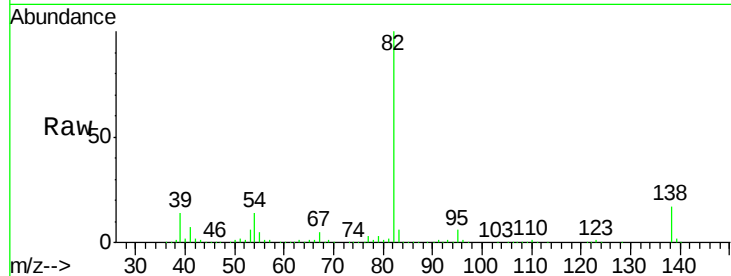
Tot Ion: 82 Resp: 971537

Ion Ratio Lower Upper

82 100

95 6.3 5.4 8.2

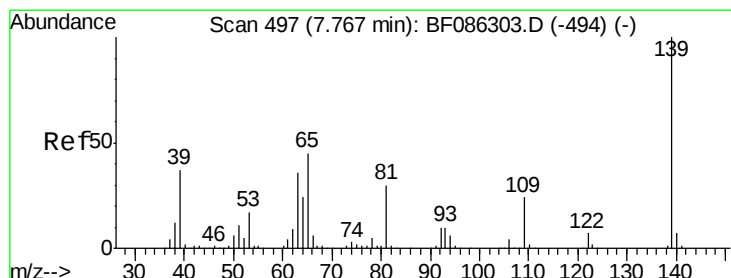
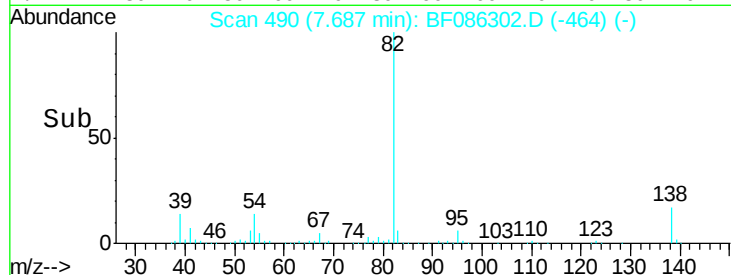
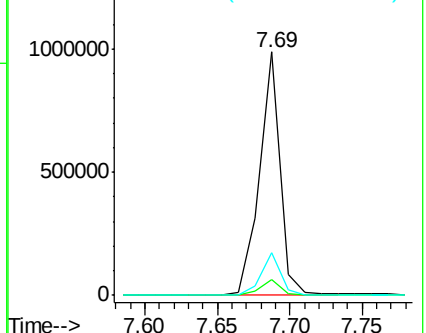
138 17.4 13.4 20.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 27.27 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

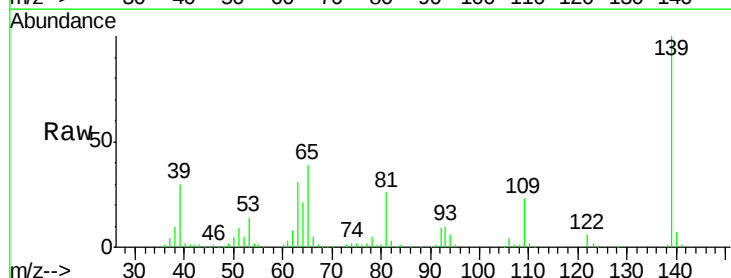
Tgt Ion: 139 Resp: 254709

Ion Ratio Lower Upper

139 100

109 23.1 25.8 38.8#

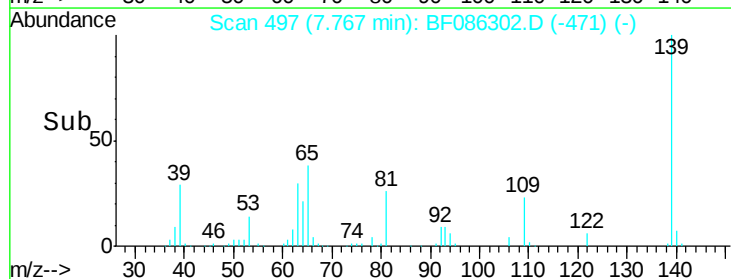
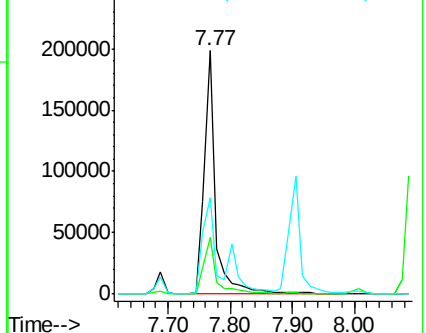
65 39.4 50.2 75.2#

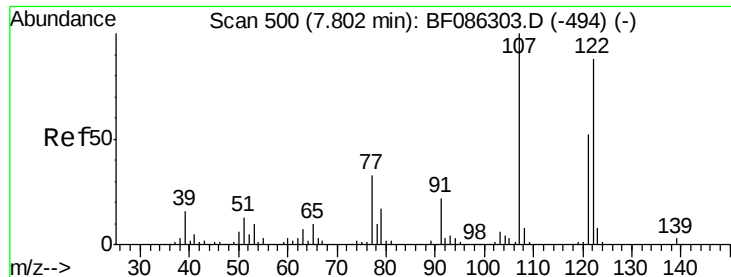


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

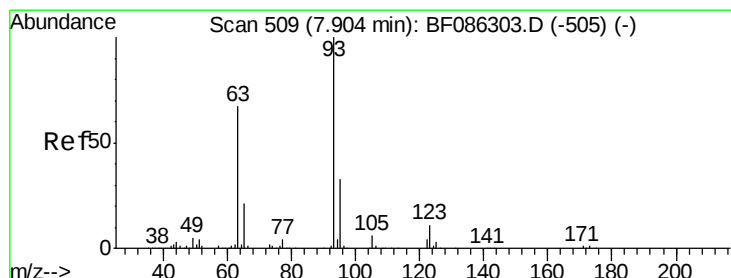
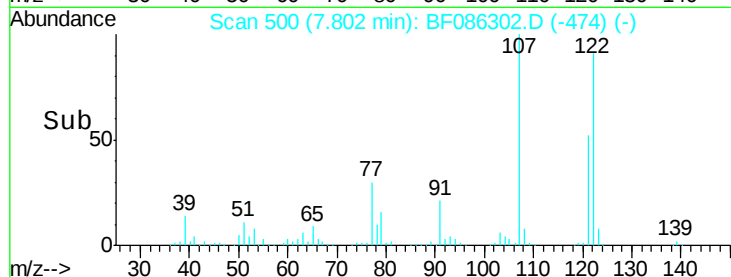
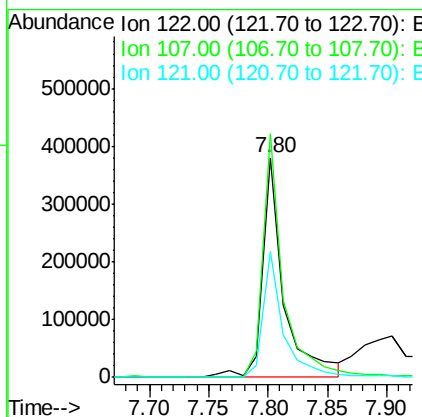
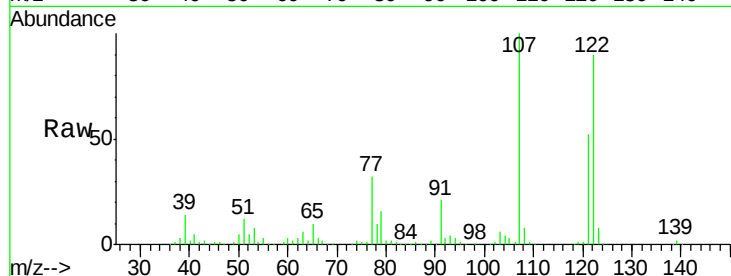




#27
 2,4-Dimethylphenol
 Concen: 25.54 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF086302.D
 Acq: 20 Apr 2016 11:14

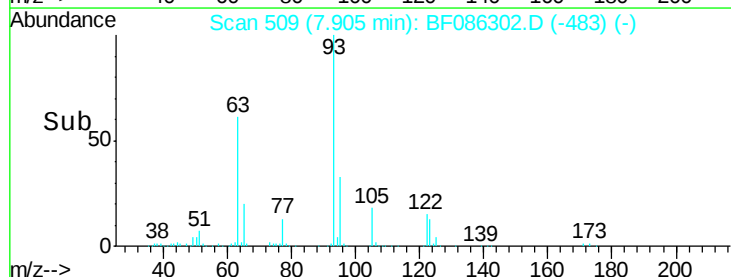
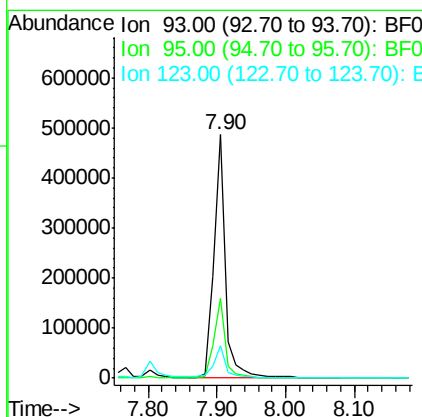
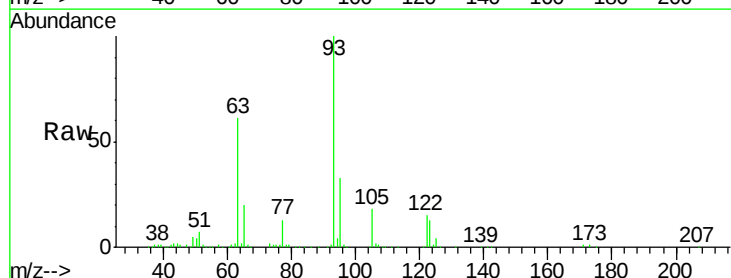
Instrument :
 BNA_F
 ClientSampled :
 SSTDICC025

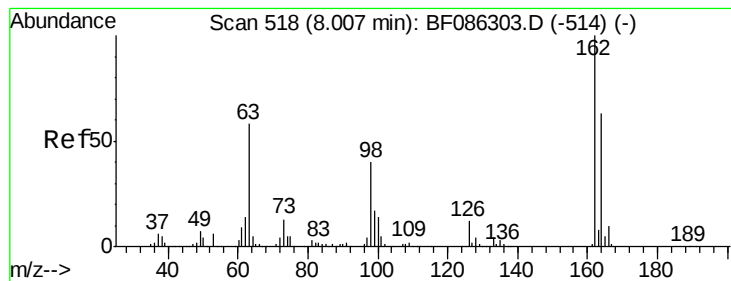
Tot Ion:122 Resp: 481720
 Ion Ratio Lower Upper
 122 100
 107 110.8 85.8 128.6
 121 57.4 47.1 70.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 25.04 ng
 RT: 7.90 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF086302.D
 Acq: 20 Apr 2016 11:14

Tgt Ion: 93 Resp: 572443
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.8 38.8
 123 13.1 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 27.37 ng

RT: 8.01 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

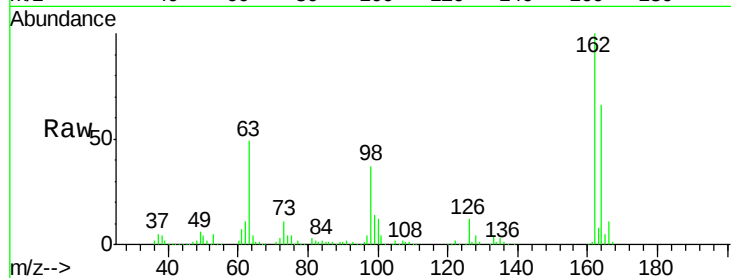
Tot Ion:162 Resp: 392553

Ion Ratio Lower Upper

162 100

164 65.6 43.3 83.3

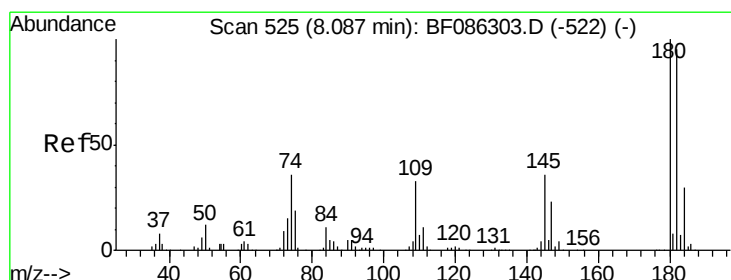
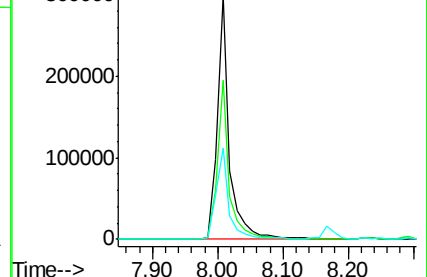
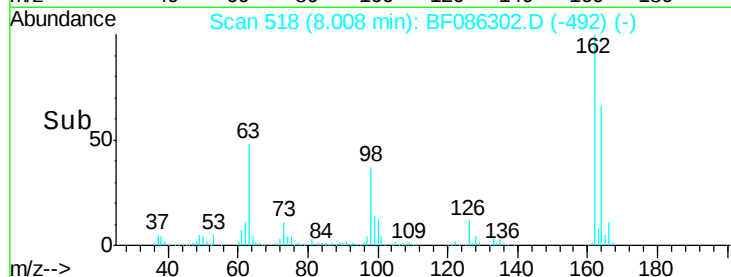
98 37.5 22.9 62.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 26.97 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

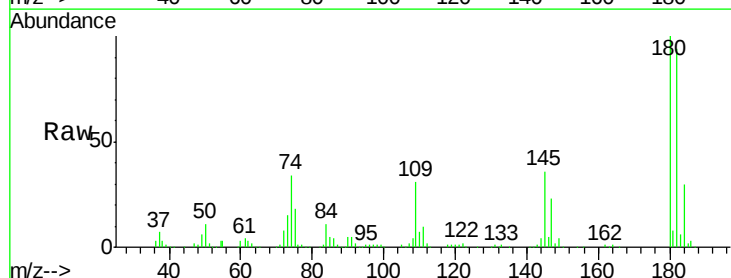
Tgt Ion:180 Resp: 404693

Ion Ratio Lower Upper

180 100

182 93.9 76.3 114.5

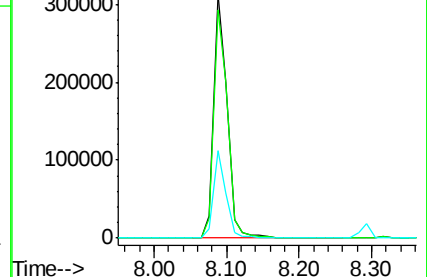
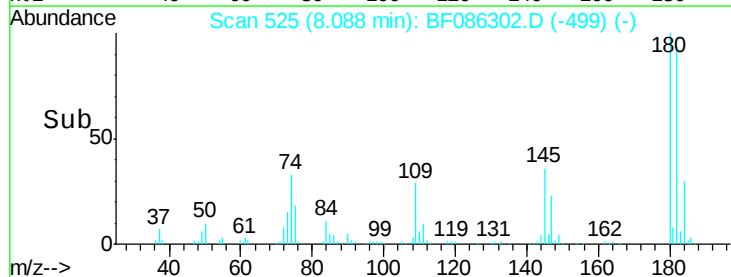
145 35.8 27.4 41.2

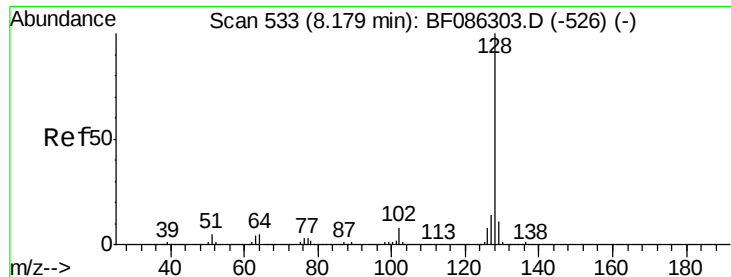


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

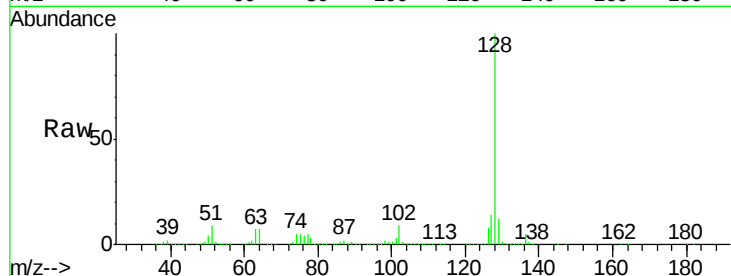




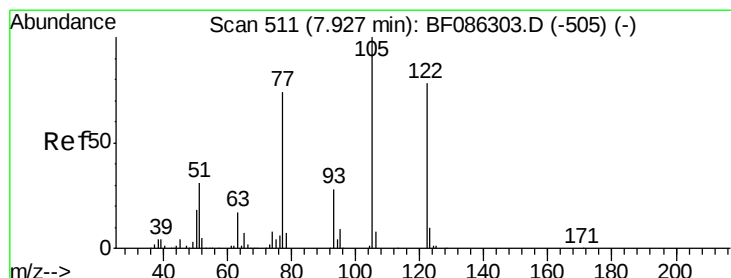
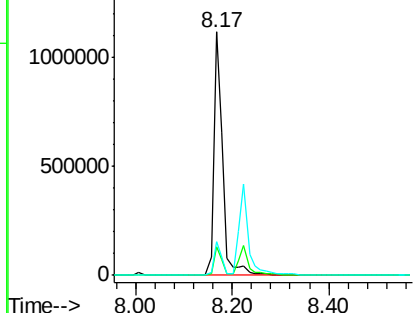
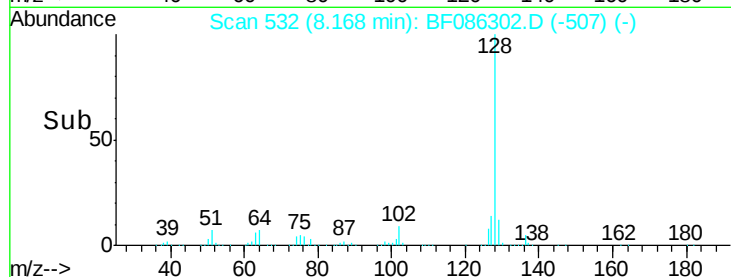
#31
Naphthalene
Concen: 28.77 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion:128 Resp: 1451996
Ion Ratio Lower Upper
128 100
129 11.7 9.6 14.4
127 13.6 11.4 17.2

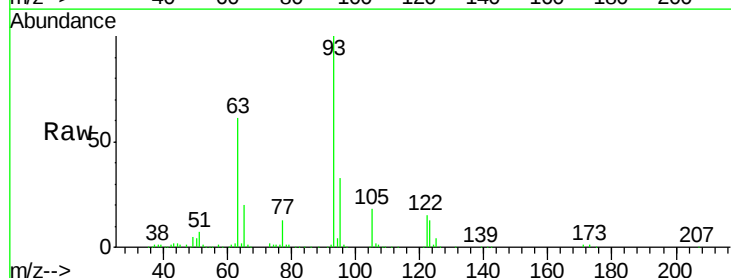


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

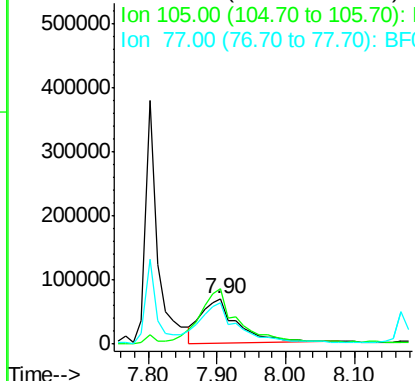
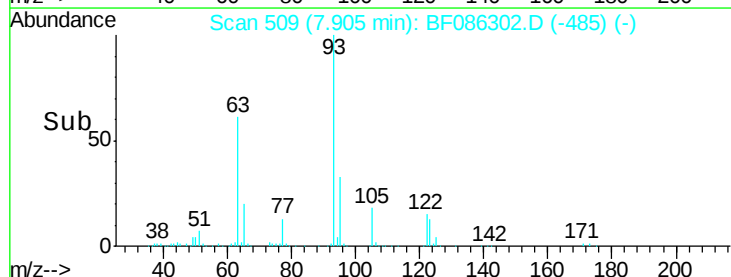


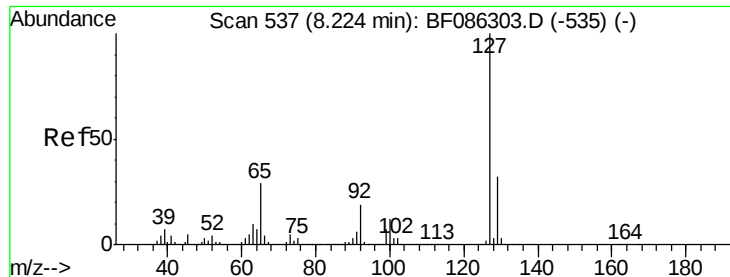
#32
Benzoic acid
Concen: 20.94 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

Tgt Ion:122 Resp: 252467
Ion Ratio Lower Upper
122 100
105 122.7 103.7 143.7
77 91.0 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

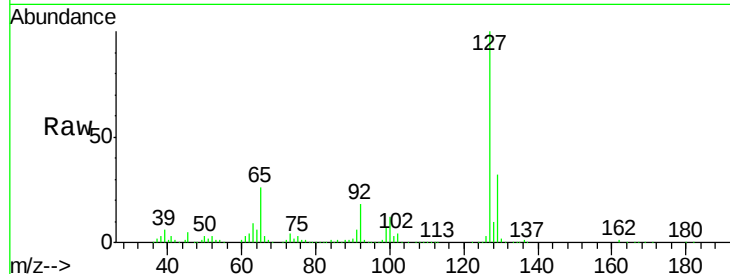




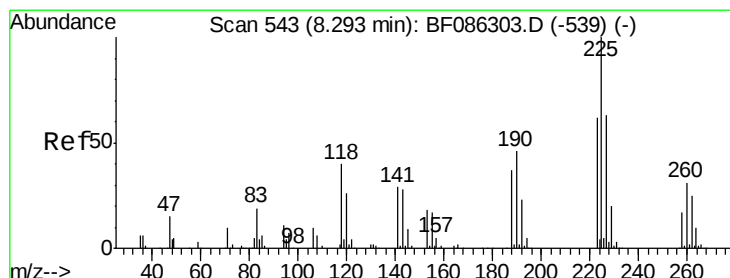
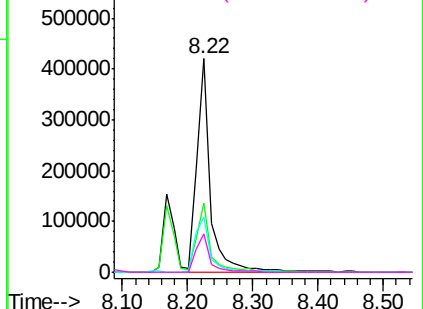
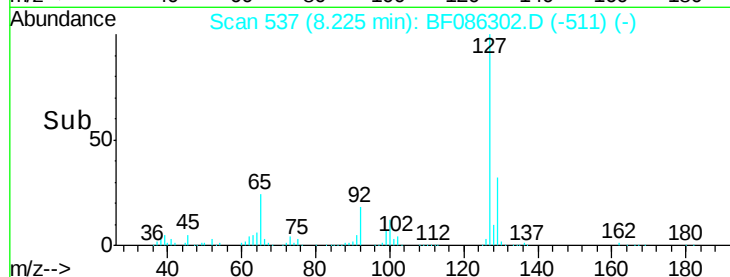
#33
 4-Chloroaniline
 Concen: 25.96 ng
 RT: 8.22 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF086302.D
 Acq: 20 Apr 2016 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:127	Resp:	585640
Ion Ratio	Lower	Upper
127	100	
129	32.4	26.8 40.2
65	25.5	27.1 40.7#
92	18.2	16.2 24.2

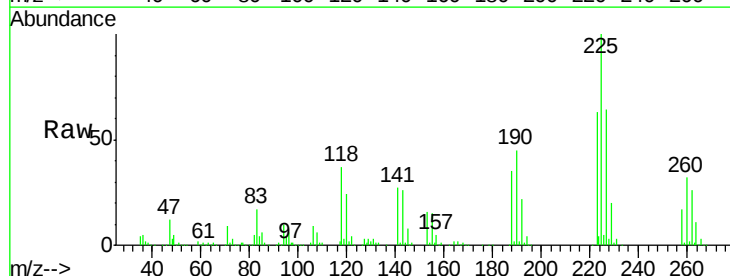


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

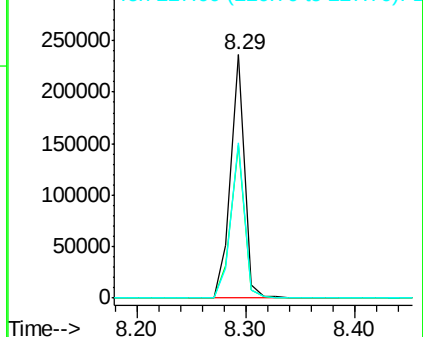
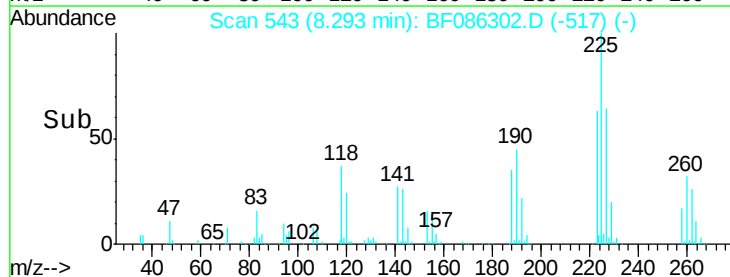


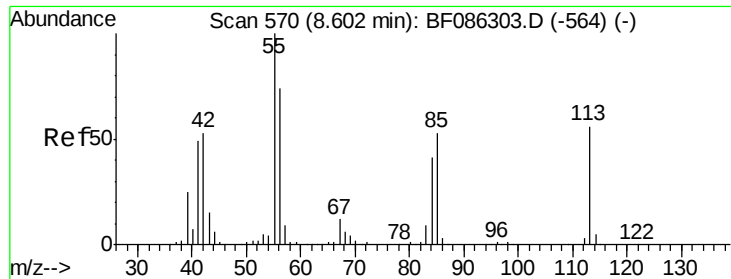
#34
 Hexachlorobutadiene
 Concen: 27.85 ng
 RT: 8.29 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF086302.D
 Acq: 20 Apr 2016 11:14

Tgt Ion:225	Resp:	209423
Ion Ratio	Lower	Upper
225	100	
223	62.5	49.4 74.0
227	63.6	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

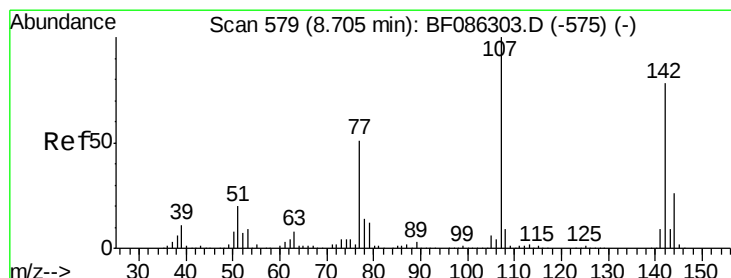
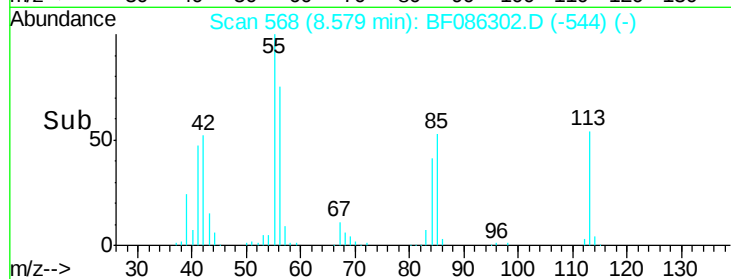
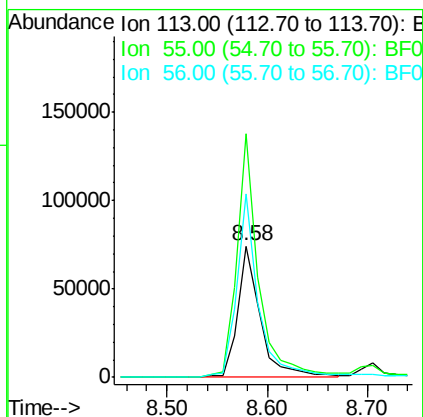
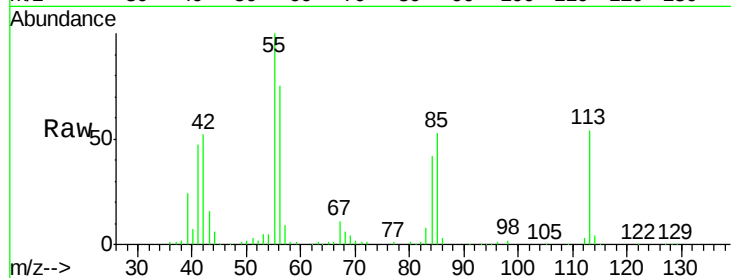




#35
Caprolactam
Concen: 22.65 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

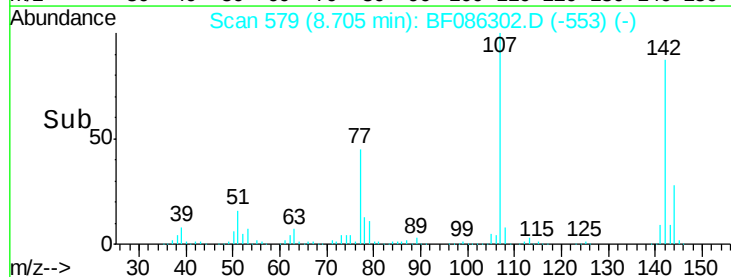
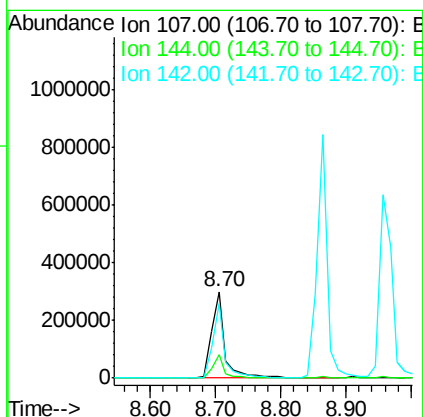
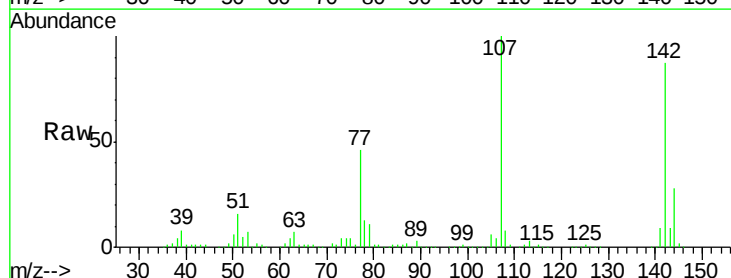
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

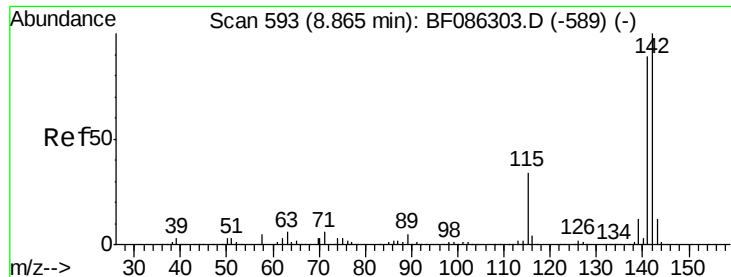
Tot Ion:113 Resp: 117608
Ion Ratio Lower Upper
113 100
55 185.3 117.5 157.5#
56 139.2 82.5 122.5#



#36
4-Chloro-3-methylphenol
Concen: 25.65 ng
RT: 8.70 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

Tgt Ion:107 Resp: 426201
Ion Ratio Lower Upper
107 100
144 27.5 20.7 31.1
142 86.7 64.5 96.7

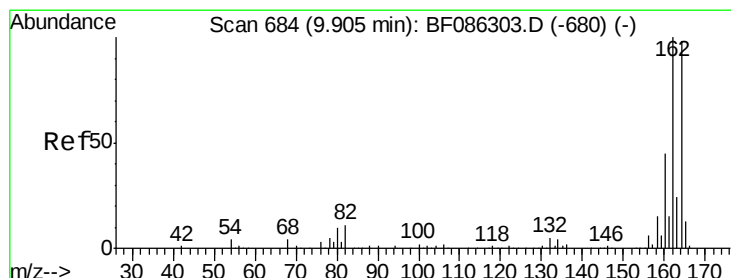
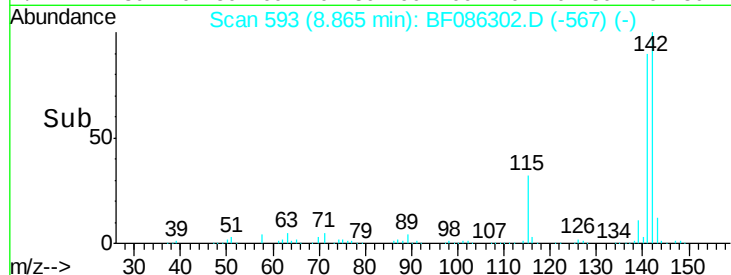
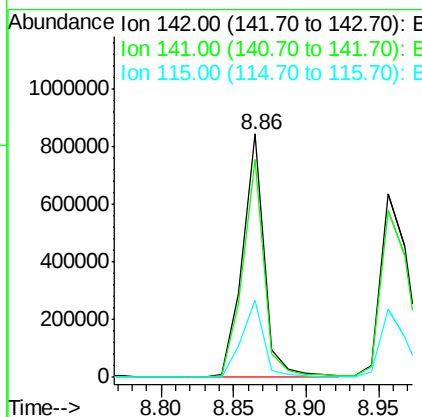
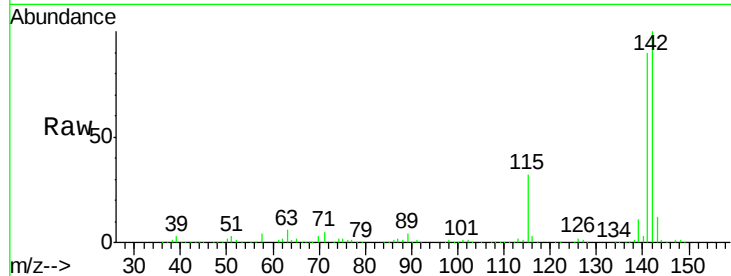




#37
2-Methylnaphthalene
Concen: 27.10 ng
RT: 8.86 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

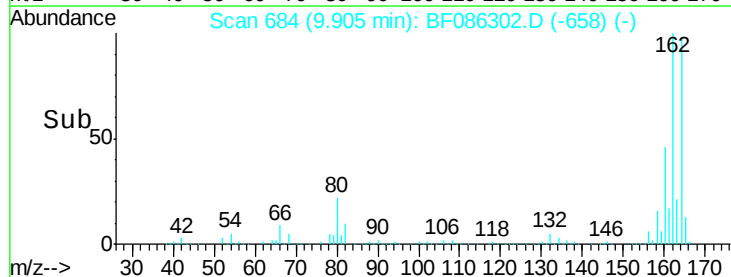
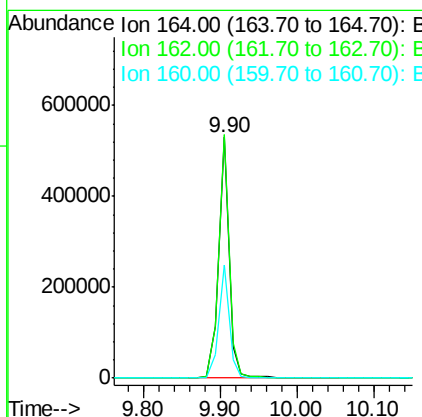
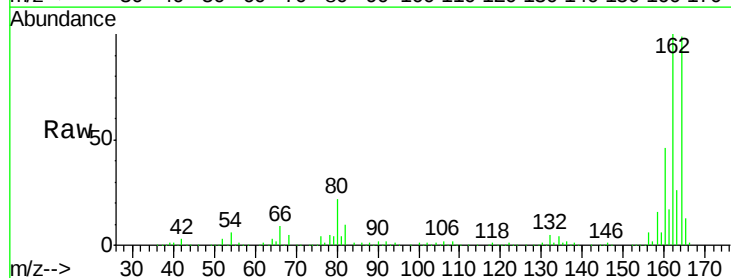
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

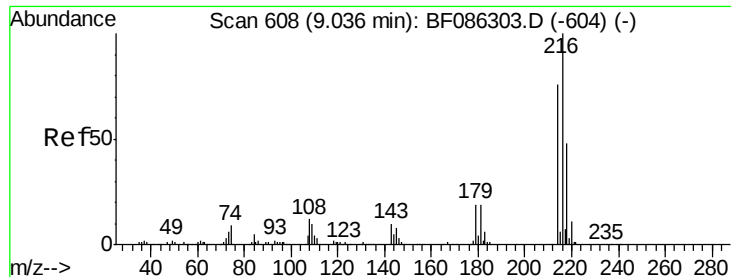
Tot Ion:142 Resp: 884334
Ion Ratio Lower Upper
142 100
141 89.6 71.1 106.7
115 31.8 25.1 37.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

Tgt Ion:164 Resp: 507527
Ion Ratio Lower Upper
164 100
162 101.2 82.8 124.2
160 46.8 38.9 58.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.36 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:216 Resp: 345696

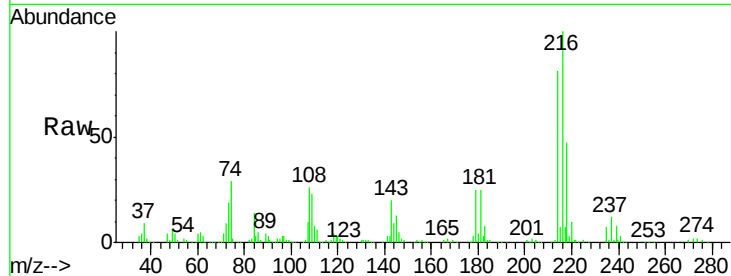
Ion Ratio Lower Upper

216 100

214 79.2 64.9 97.3

179 23.4 19.8 29.6

108 22.6 21.0 31.4

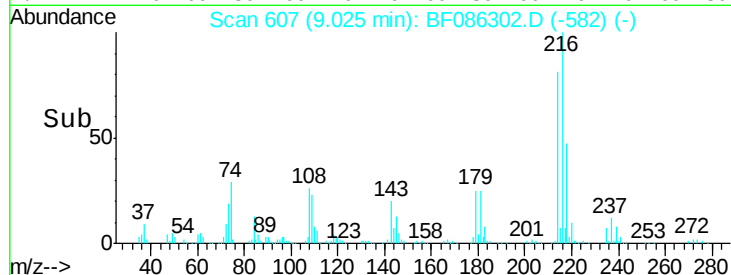


Abundance Ion 216.00 (215.70 to 216.70): E

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

9.02

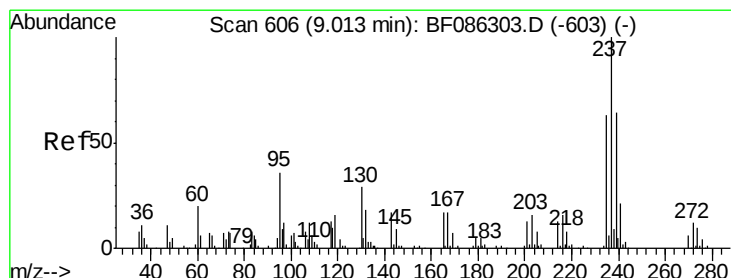
300000

200000

100000

0

Time-->



#40

Hexachlorocyclopentadiene

Concen: 15.65 ng

RT: 9.01 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

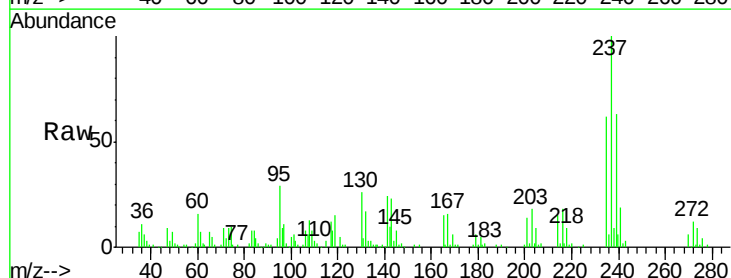
Tgt Ion:237 Resp: 93623

Ion Ratio Lower Upper

237 100

235 62.3 44.0 84.0

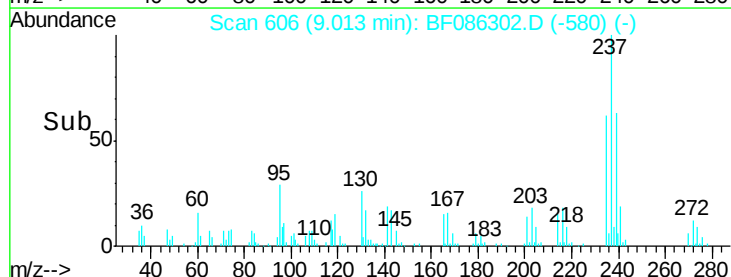
272 12.0 0.0 32.4



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

120000

100000

80000

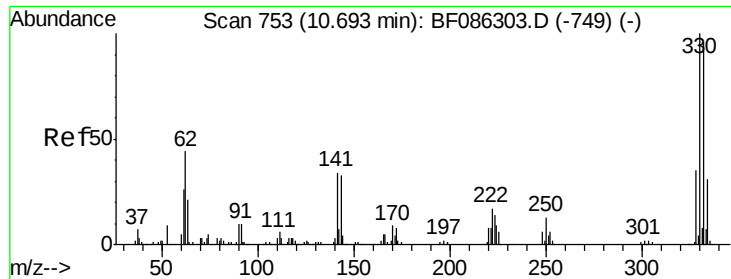
60000

40000

20000

0

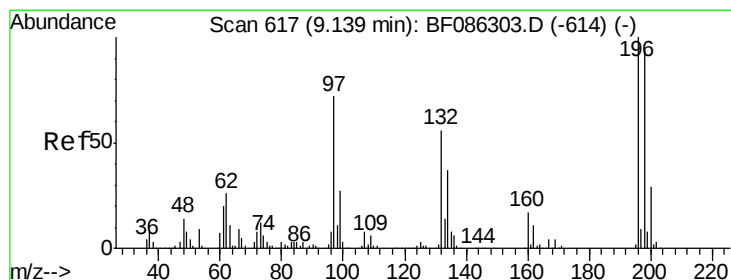
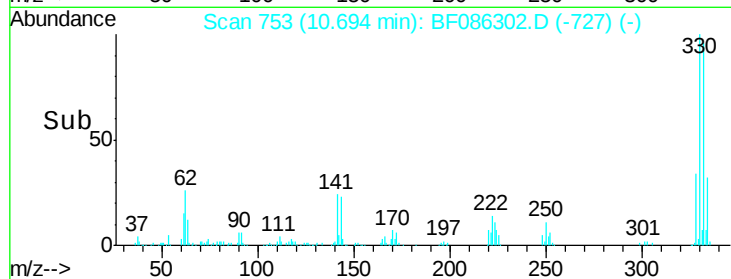
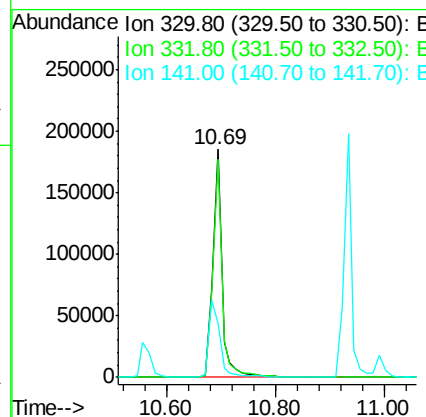
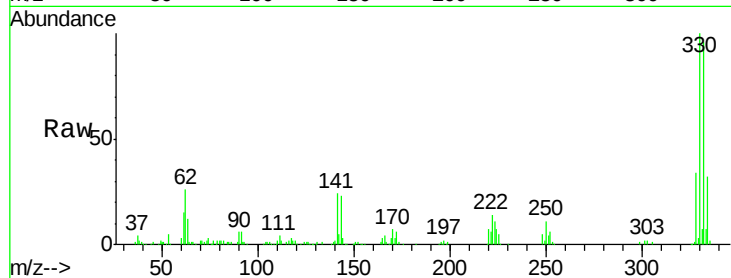
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 54.21 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF086302.D
 Acq: 20 Apr 2016 11:14

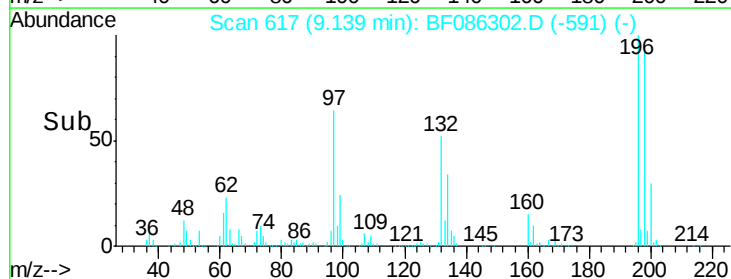
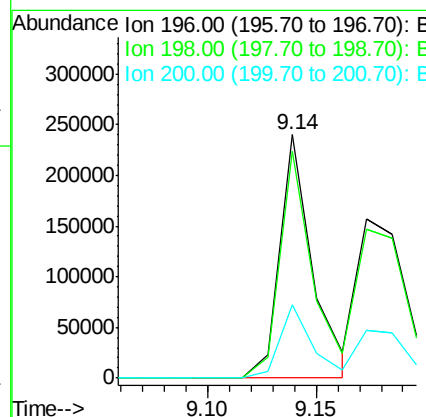
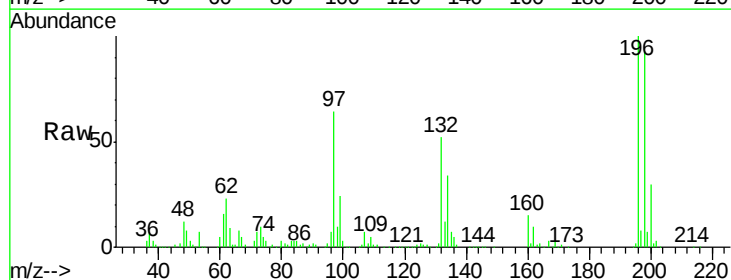
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

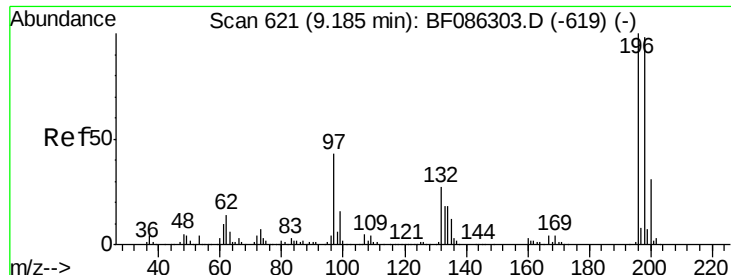
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.7	118.1
141	40.5	28.6	42.8



#42
 2,4,6-Trichlorophenol
 Concen: 25.25 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086302.D
 Acq: 20 Apr 2016 11:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.1	76.6	115.0
200	29.9	25.3	37.9

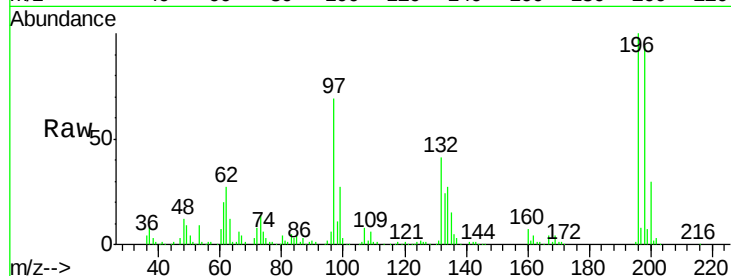




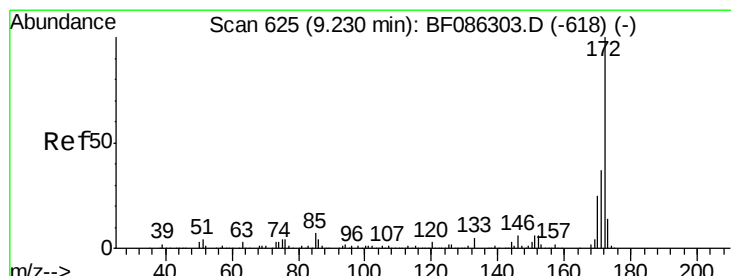
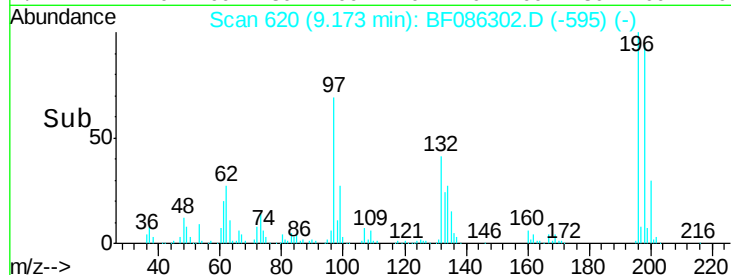
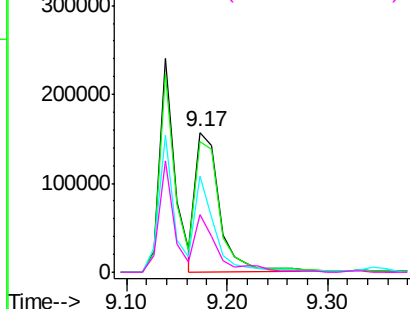
#43
 2,4,5-Trichlorophenol
 Concen: 27.09 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF086302.D
 Acq: 20 Apr 2016 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:196 Resp: 261658
 Ion Ratio Lower Upper
 196 100
 198 93.6 77.7 116.5
 97 68.9 32.6 48.8#
 132 40.9 21.4 32.0#

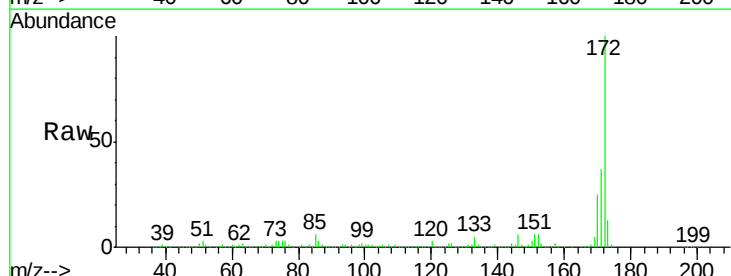


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

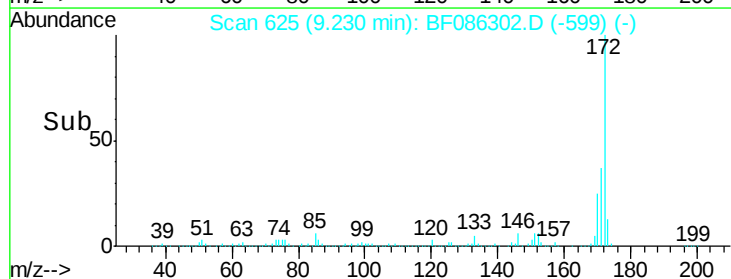
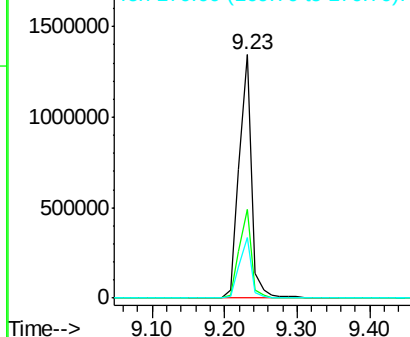


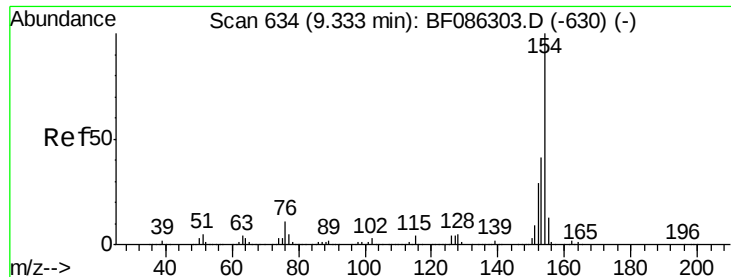
#44
 2-Fluorobiphenyl
 Concen: 58.39 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF086302.D
 Acq: 20 Apr 2016 11:14

Tgt Ion:172 Resp: 1605890
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.1 43.7
 170 24.9 19.9 29.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

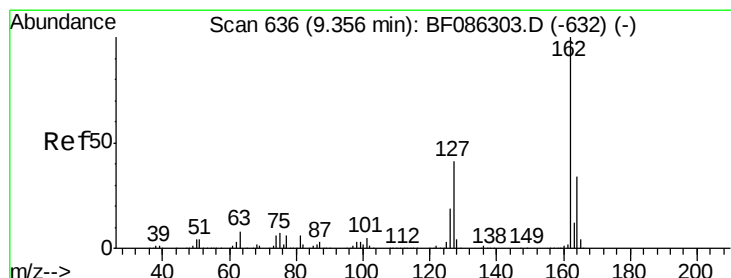
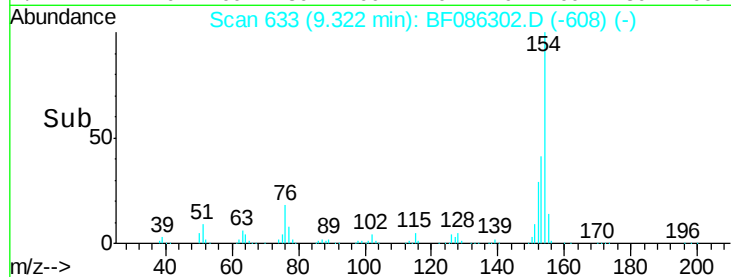
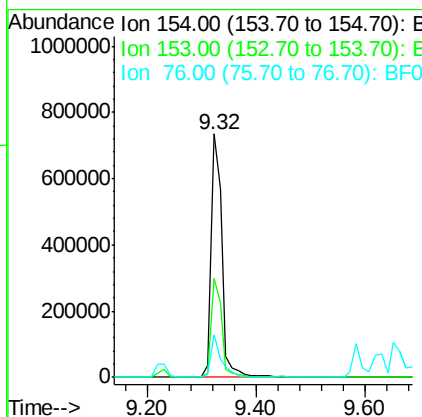
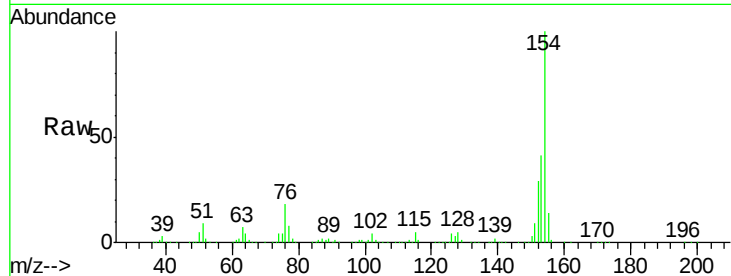




#45
 1,1'-Biphenyl
 Concen: 28.04 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF086302.D
 Acq: 20 Apr 2016 11:14

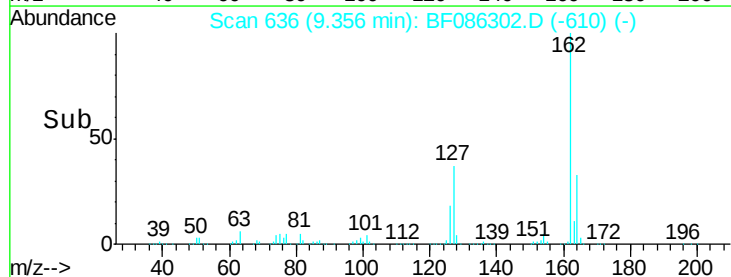
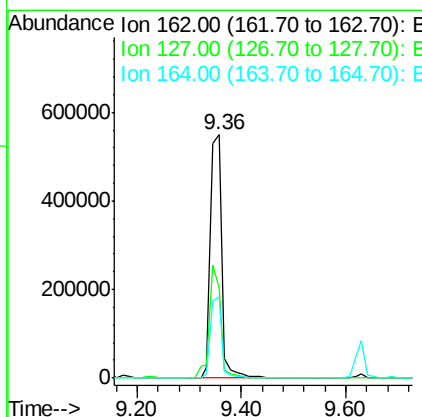
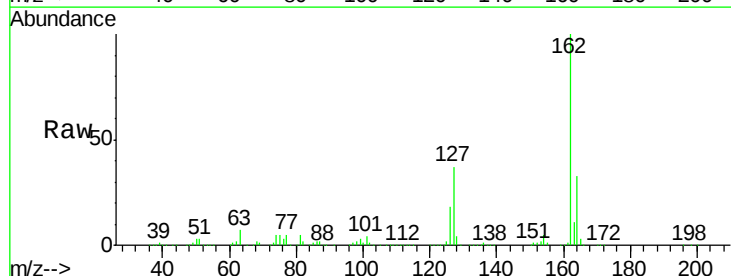
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

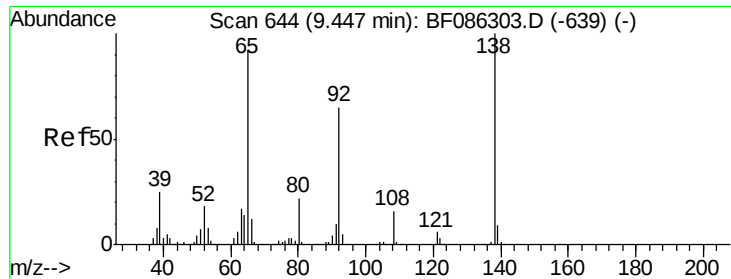
Tot Ion:154 Resp: 1024486
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.3 61.3
 76 17.6 0.0 36.4



#46
 2-Chloronaphthalene
 Concen: 27.97 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF086302.D
 Acq: 20 Apr 2016 11:14

Tgt Ion:162 Resp: 834225
 Ion Ratio Lower Upper
 162 100
 127 36.8 36.7 55.1
 164 33.2 26.4 39.6

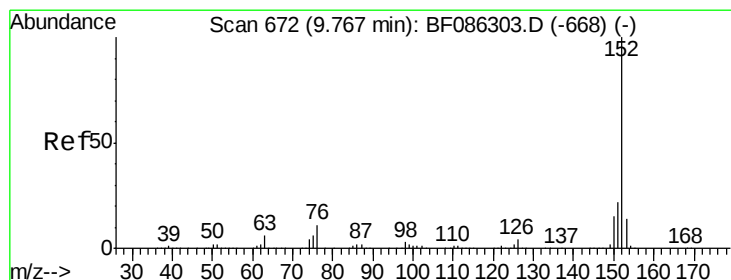
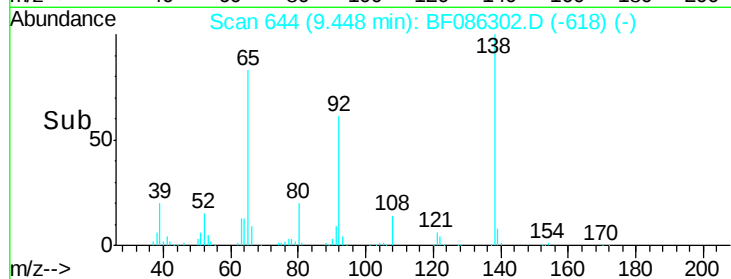
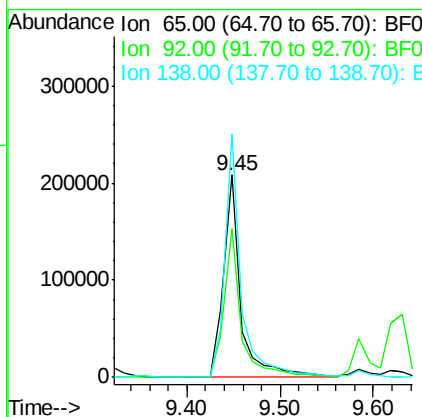
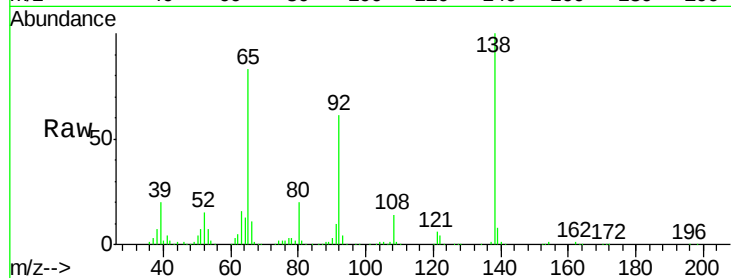




#47
2-Nitroaniline
Concen: 27.80 ng
RT: 9.45 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

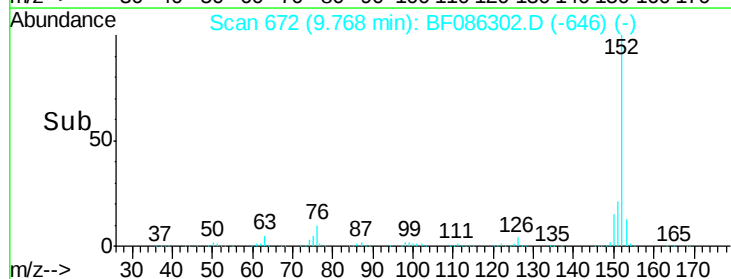
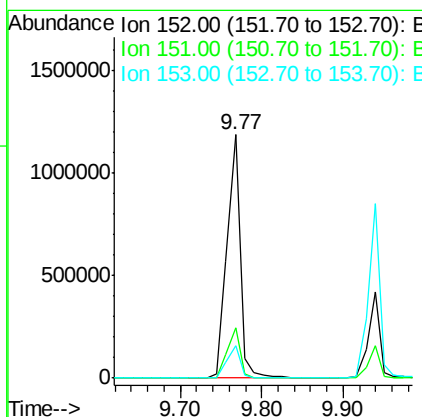
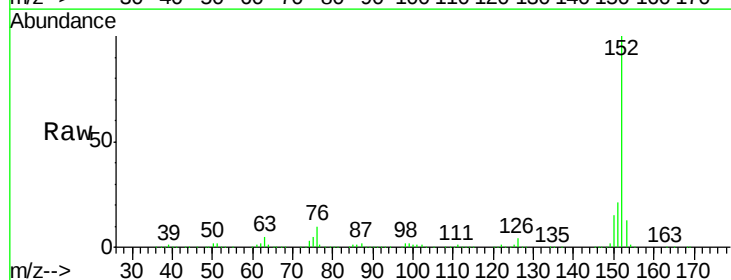
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

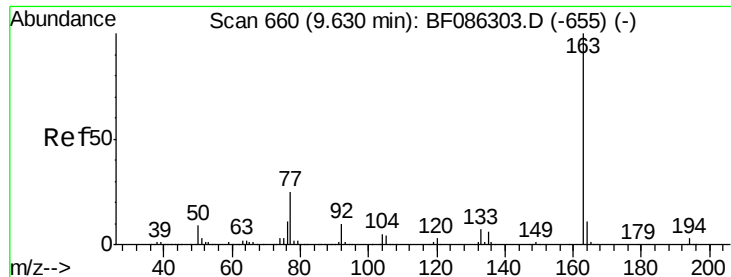
Tot Ion: 65 Resp: 268605
Ion Ratio Lower Upper
65 100
92 73.6 51.9 77.9
138 120.4 72.6 108.8#



#48
Acenaphthylene
Concen: 28.15 ng
RT: 9.77 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

Tgt Ion: 152 Resp: 1336170
Ion Ratio Lower Upper
152 100
151 20.7 17.2 25.8
153 13.2 10.7 16.1

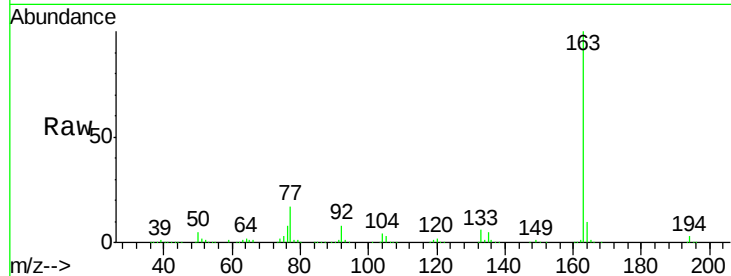




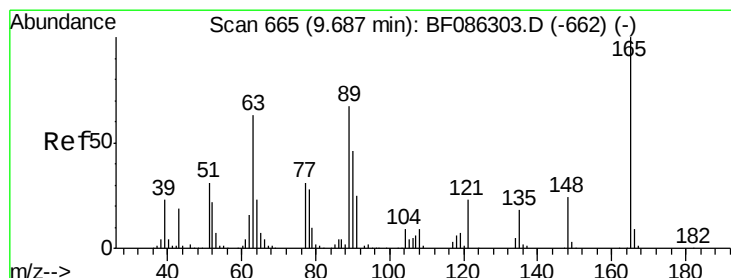
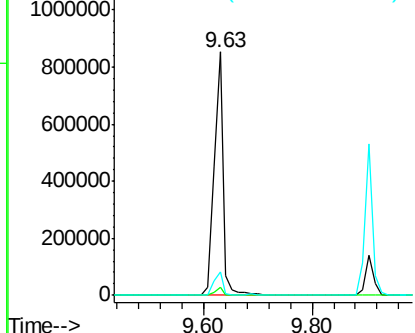
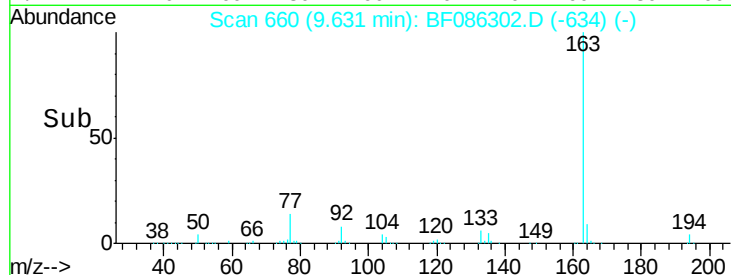
#49
Dimethylphthalate
Concen: 27.34 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:163 Resp: 1009087
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.9 8.4 12.6

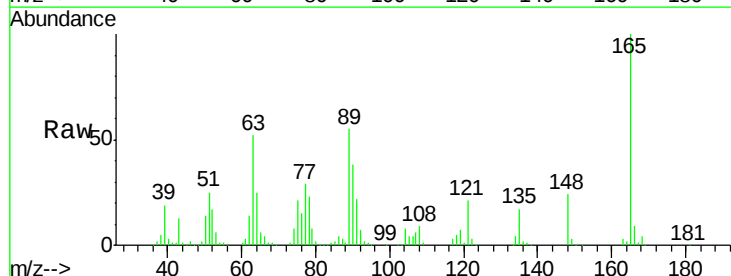


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

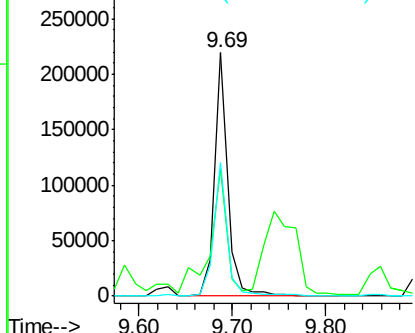
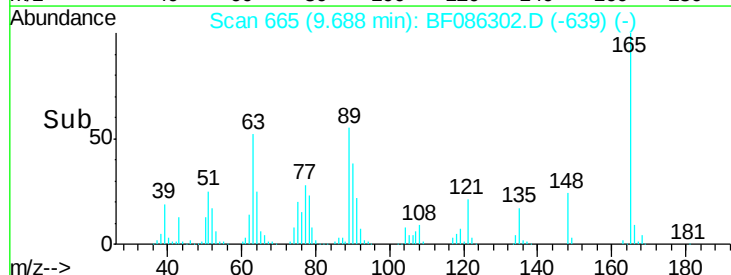


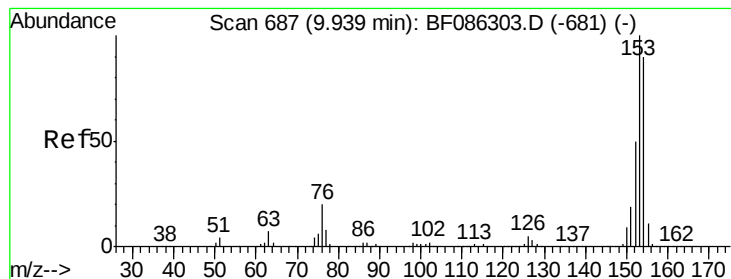
#50
2,6-Dinitrotoluene
Concen: 26.48 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

Tgt Ion:165 Resp: 216192
Ion Ratio Lower Upper
165 100
63 52.3 35.1 52.7
89 54.9 39.8 59.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 27.75 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

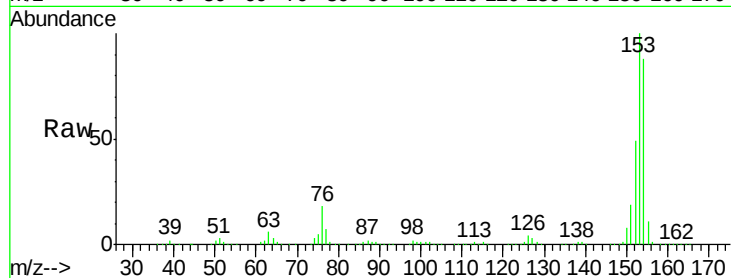
Tot Ion:154 Resp: 786709

Ion Ratio Lower Upper

154 100

153 113.2 90.0 135.0

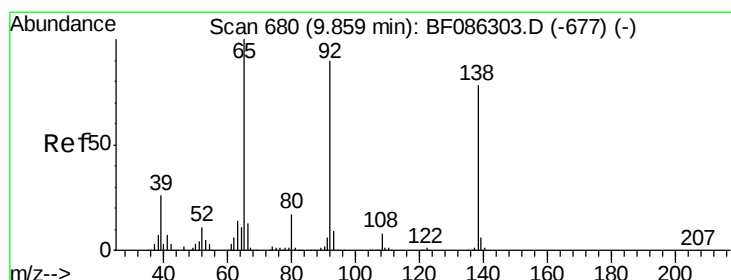
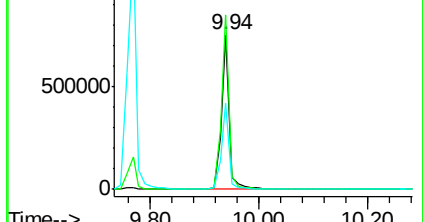
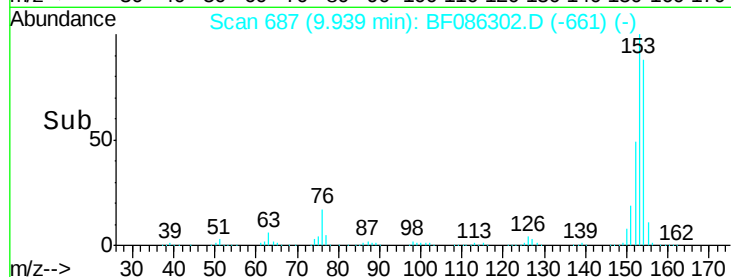
152 55.9 44.3 66.5



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: 26.72 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

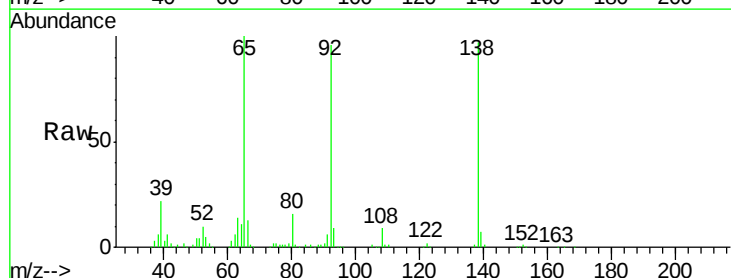
Tgt Ion:138 Resp: 265107

Ion Ratio Lower Upper

138 100

108 9.2 9.0 13.4

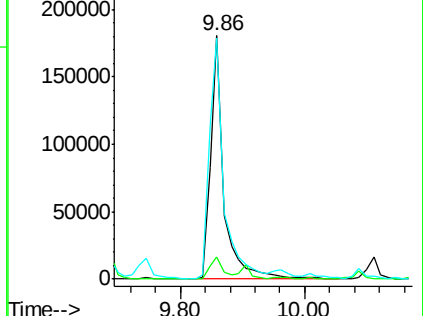
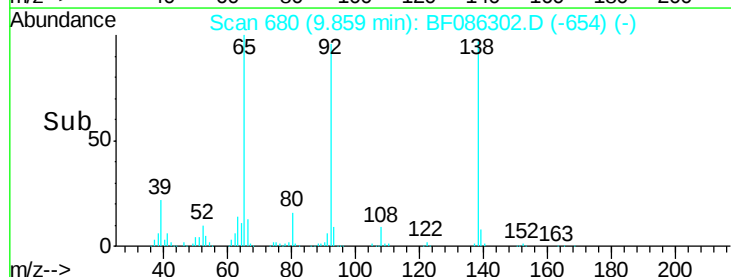
92 98.8 99.3 148.9#

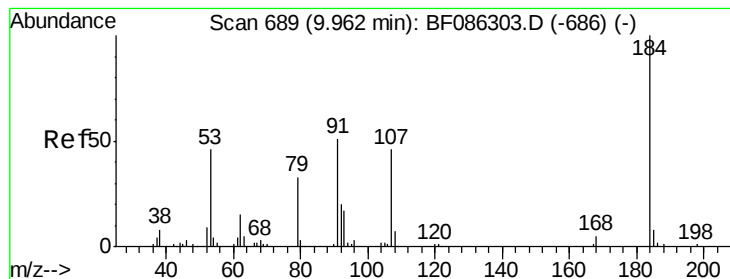


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 13.43 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

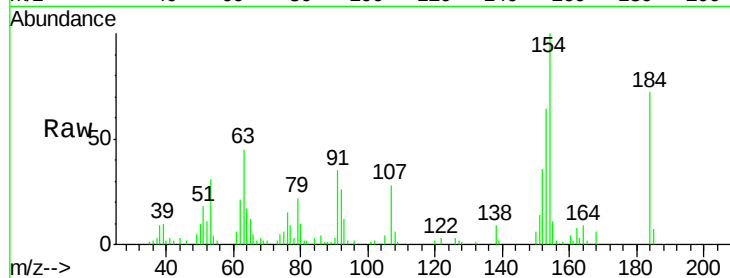
Tot Ion:184 Resp: 35088

Ion Ratio Lower Upper

184 100

63 62.8 64.7 97.1#

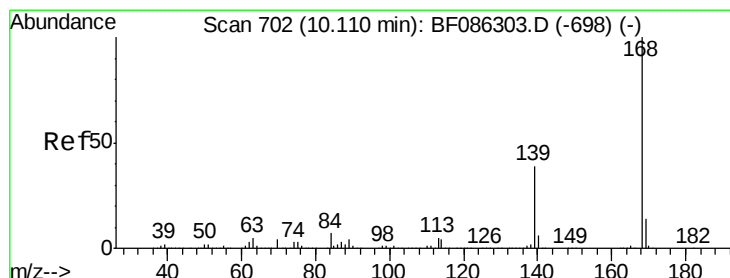
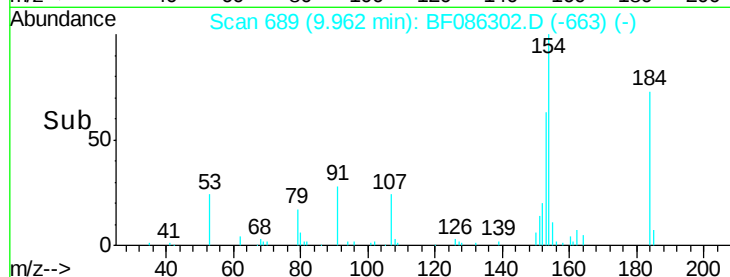
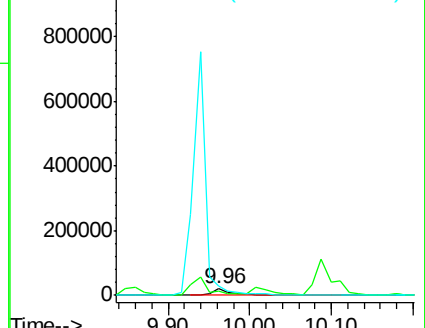
154 139.3 59.4 89.2#



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: 28.17 ng

RT: 10.11 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

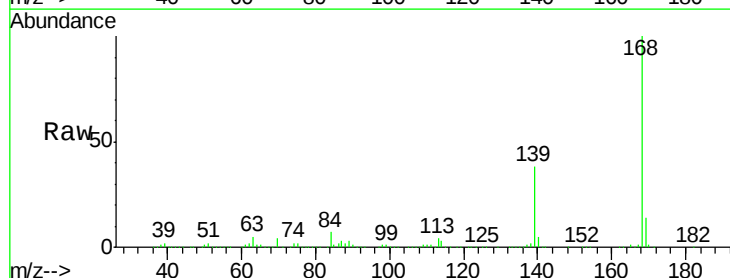
Tgt Ion:168 Resp: 1054990

Ion Ratio Lower Upper

168 100

139 38.2 29.5 44.3

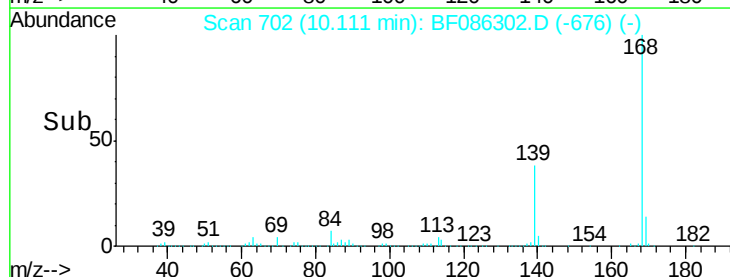
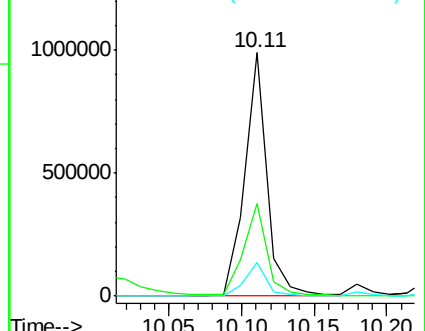
169 13.6 10.6 16.0

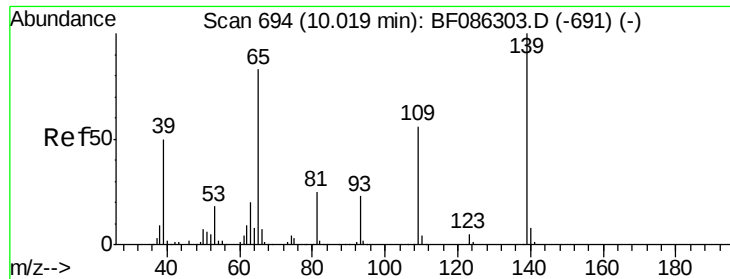


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

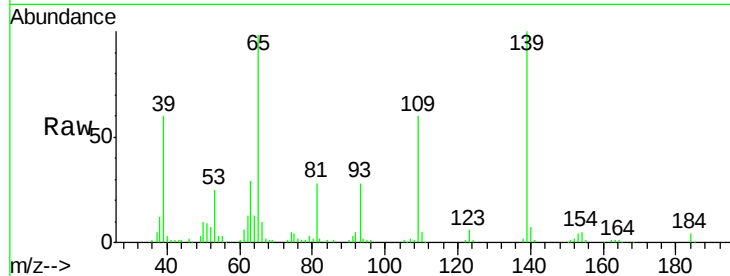




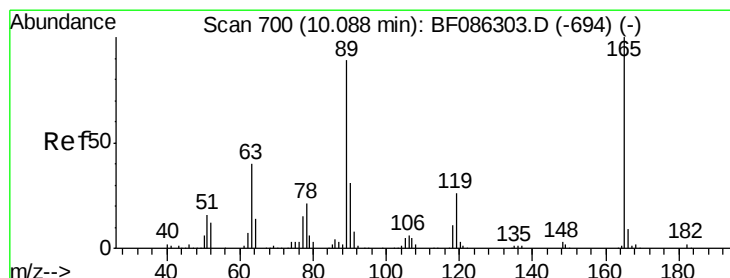
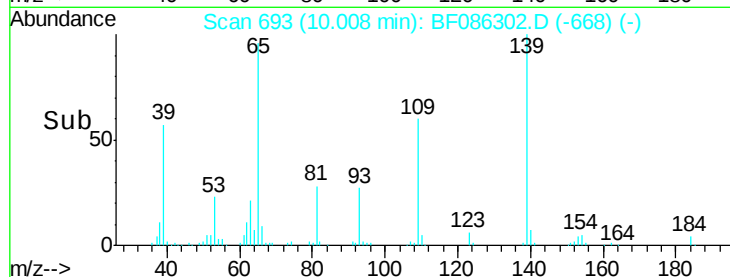
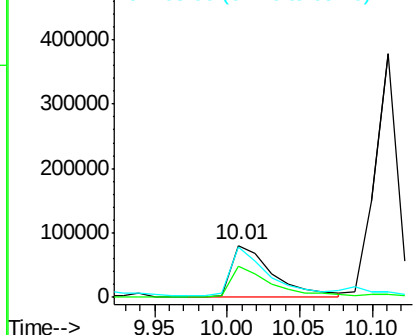
#55
4-Nitrophenol
Concen: 20.62 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:139 Resp: 160063
Ion Ratio Lower Upper
139 100
109 59.8 55.0 95.0
65 97.7 87.3 127.3

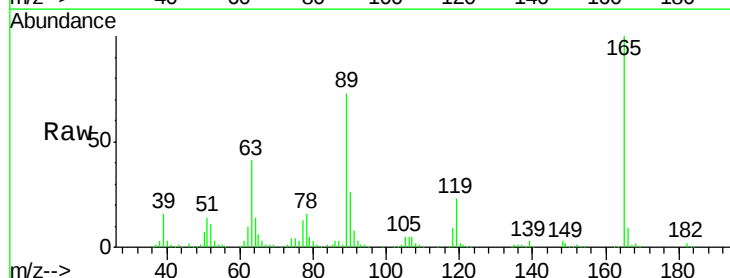


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

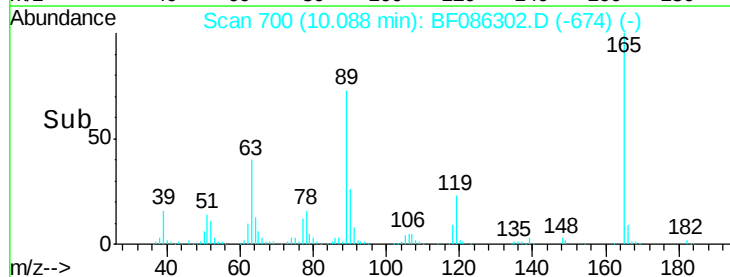
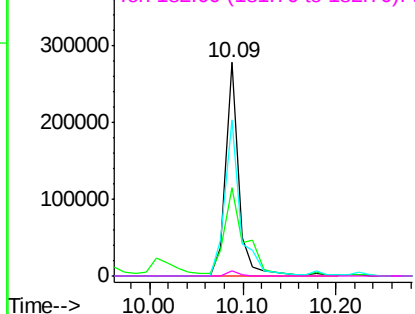


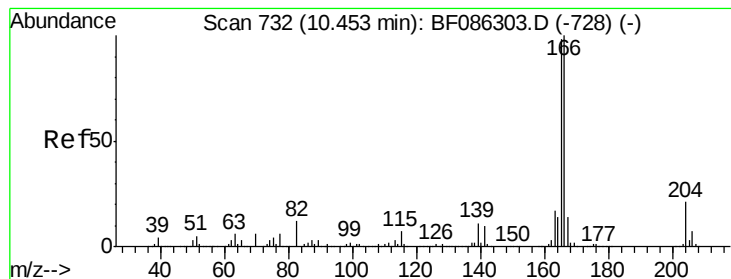
#56
2,4-Dinitrotoluene
Concen: 26.28 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

Tgt Ion:165 Resp: 274682
Ion Ratio Lower Upper
165 100
63 41.1 26.6 40.0#
89 73.4 49.5 74.3
182 2.2 1.9 2.9



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BFO
Ion 89.00 (88.70 to 89.70): BFO
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 25.89 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

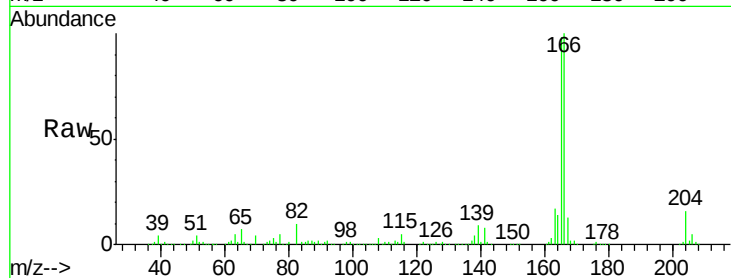
Tot Ion:166 Resp: 806419

Ion Ratio Lower Upper

166 100

165 98.1 78.6 117.8

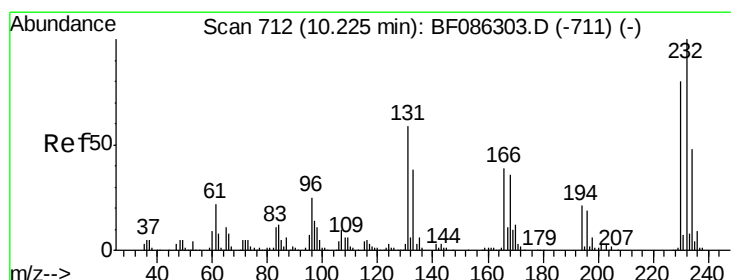
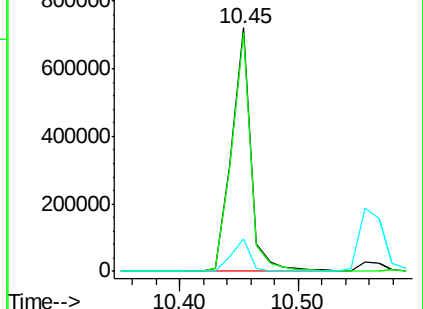
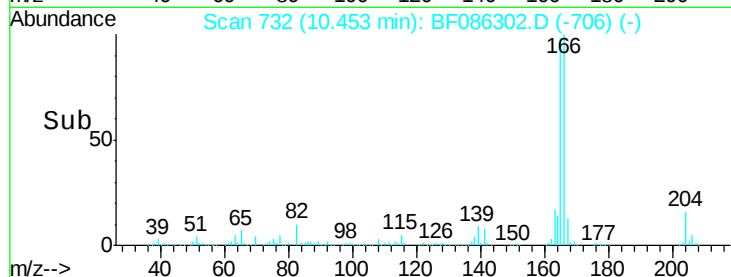
167 13.3 10.4 15.6



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: 27.71 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Tgt Ion:232 Resp: 194401

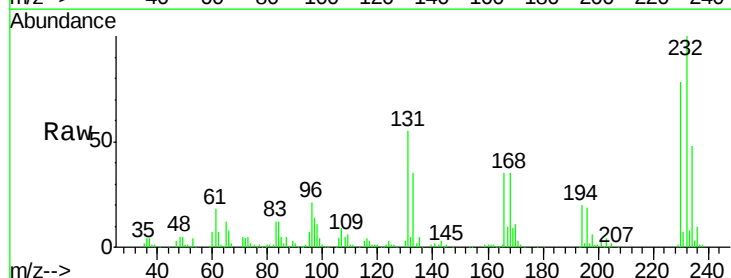
Ion Ratio Lower Upper

232 100

131 54.1 46.6 70.0

130 2.5 2.5 3.7

166 31.5 28.3 42.5

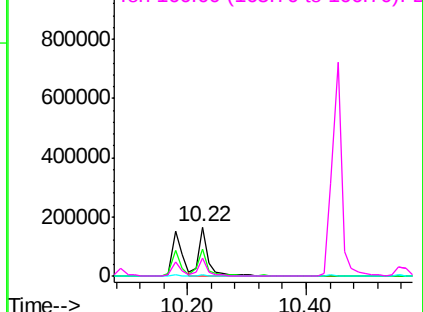
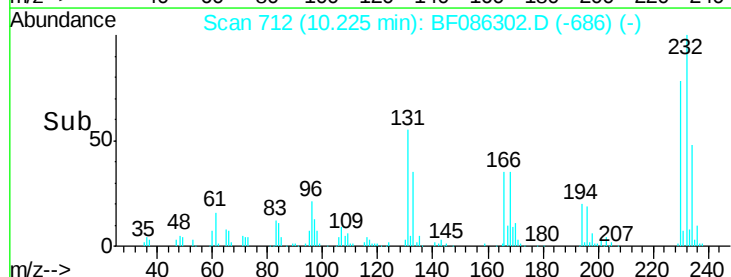


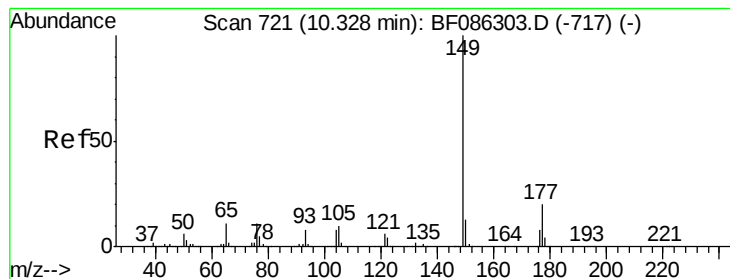
Abundance Ion 232.00 (231.70 to 232.70): E

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: 26.28 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

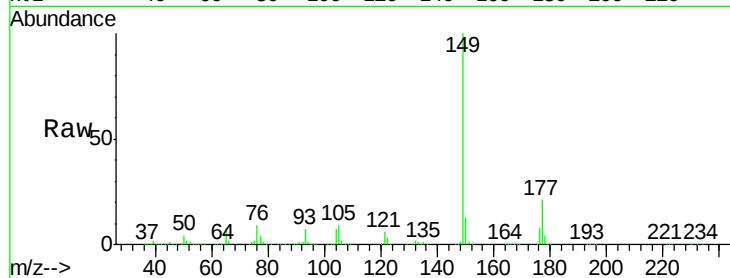
Tot Ion:149 Resp: 1001171

Ion Ratio Lower Upper

149 100

177 20.8 17.0 25.6

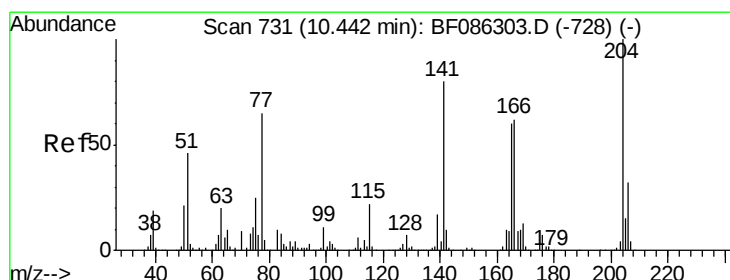
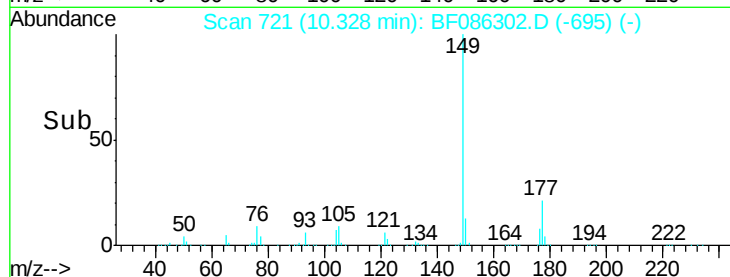
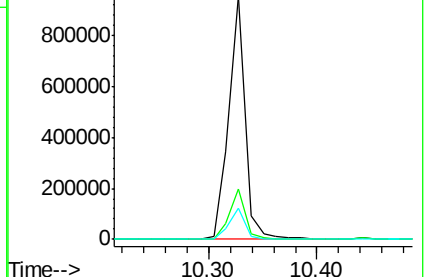
150 12.9 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 27.58 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

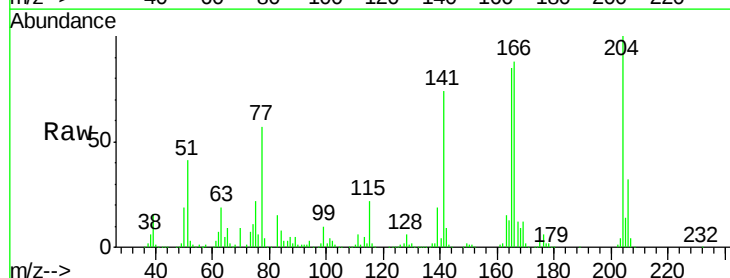
Tgt Ion:204 Resp: 354003

Ion Ratio Lower Upper

204 100

206 32.3 26.2 39.2

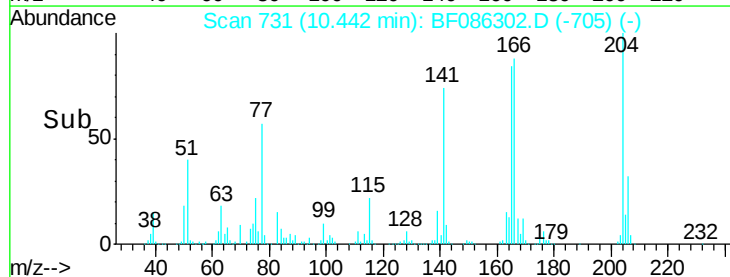
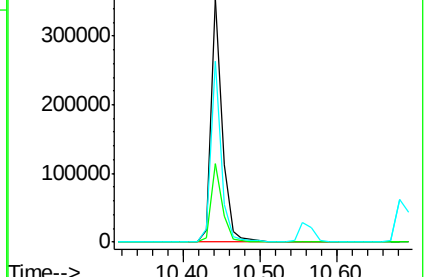
141 74.1 55.4 83.0

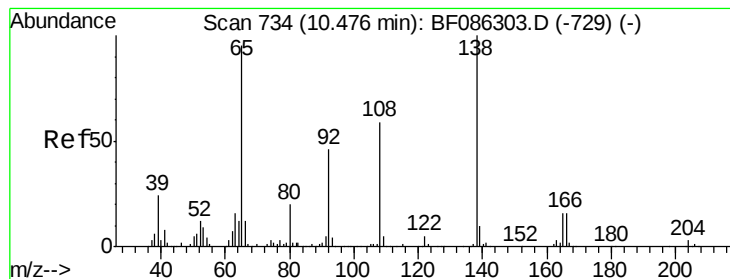


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 28.77 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

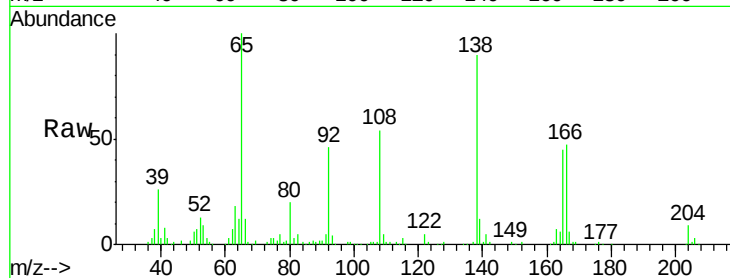
Tot Ion:138 Resp: 246712

Ion Ratio Lower Upper

138 100

92 50.9 31.9 71.9

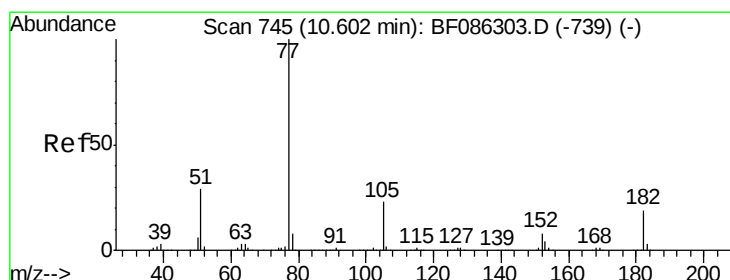
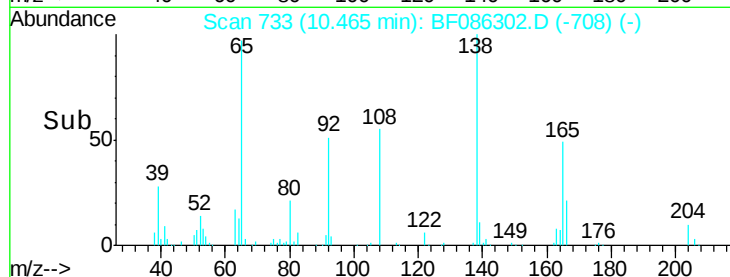
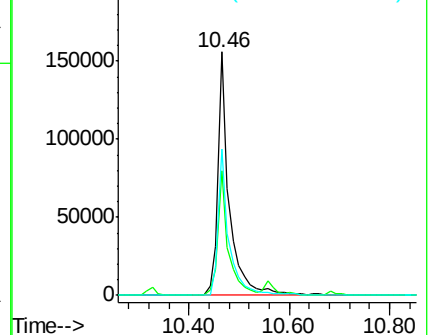
108 60.3 58.7 98.7



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: 26.49 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Tgt Ion: 77 Resp: 987216

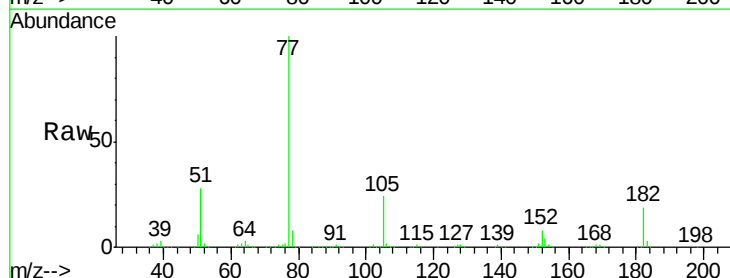
Ion Ratio Lower Upper

77 100

182 19.3 2.3 42.3

105 24.0 3.4 43.4

51 27.5 11.7 51.7

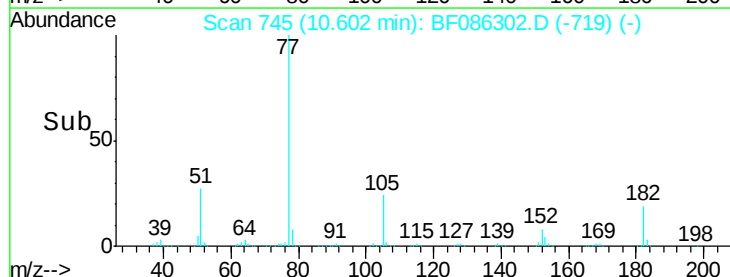
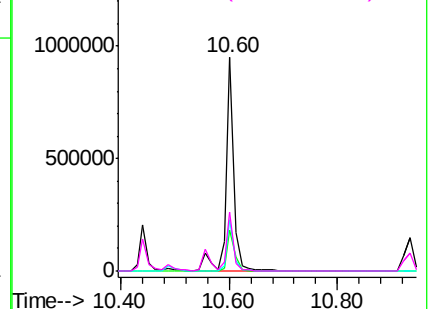


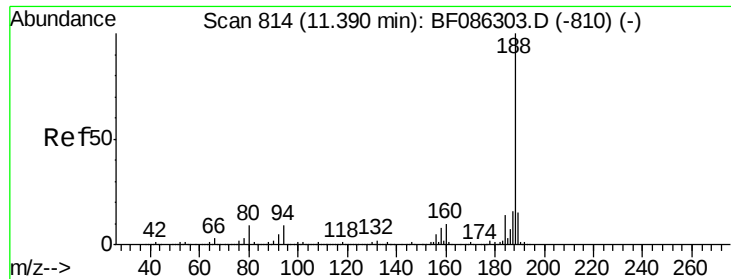
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

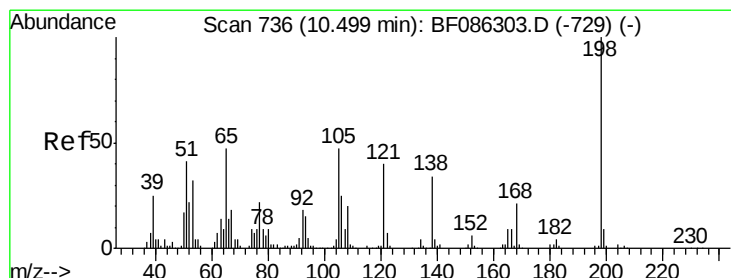
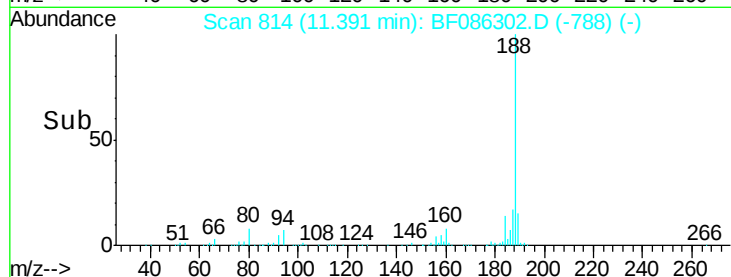
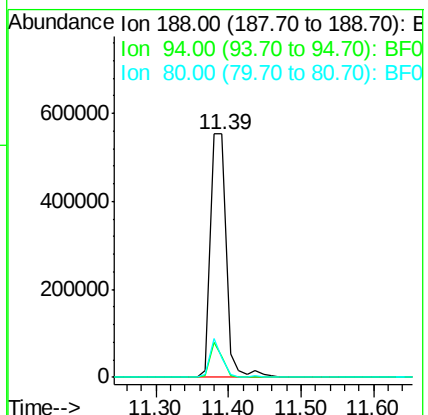
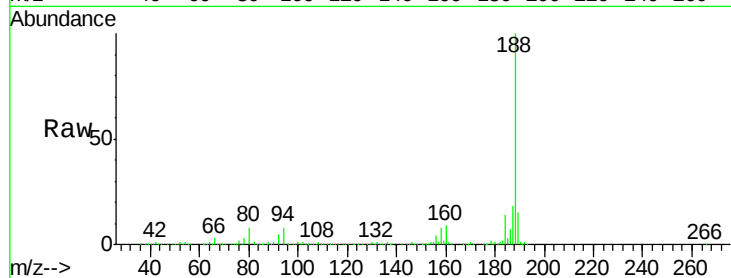




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

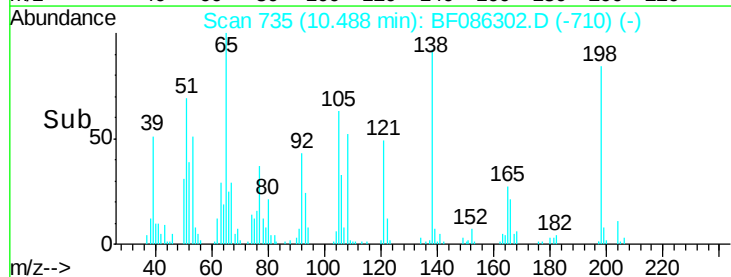
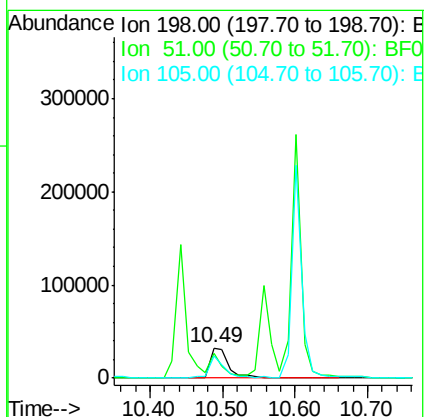
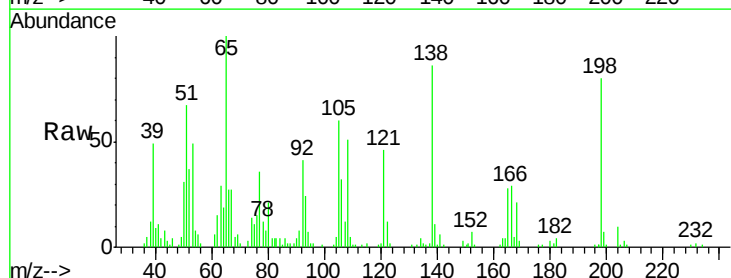
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

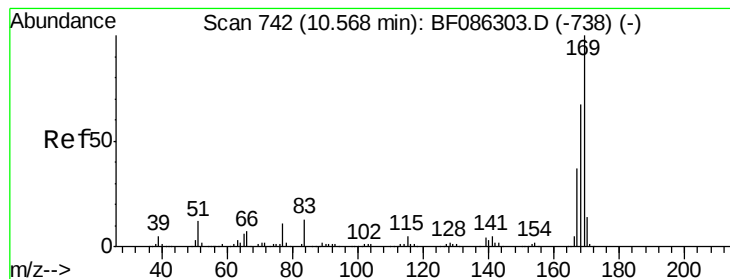
Tot Ion:188 Resp: 843286
Ion Ratio Lower Upper
188 100
94 8.4 9.8 14.8#
80 8.3 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 14.49 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

Tgt Ion:198 Resp: 58170
Ion Ratio Lower Upper
198 100
51 83.6 56.5 96.5
105 75.2 48.0 88.0

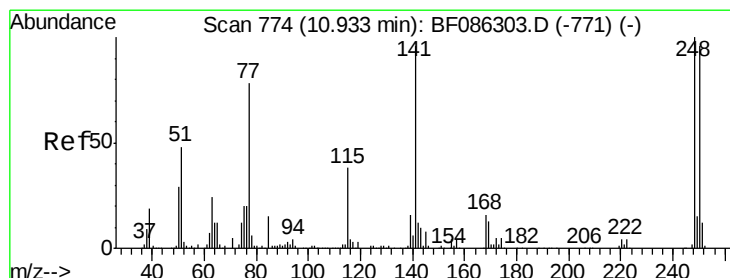
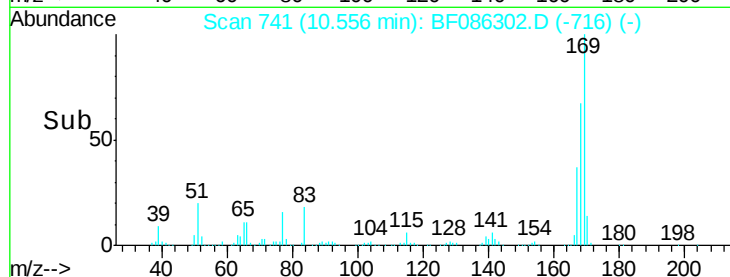
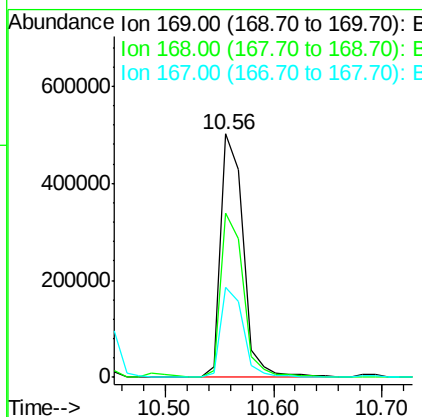
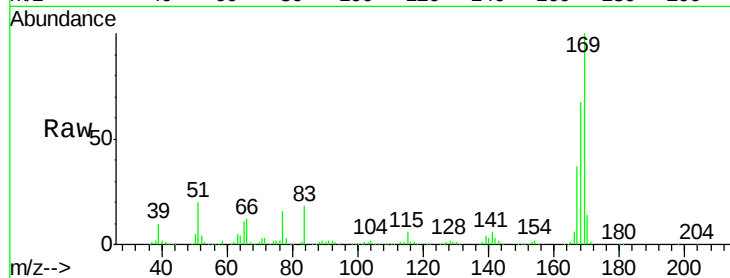




#65
 n-Nitrosodiphenylamine
 Concen: 28.09 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF086302.D
 Acq: 20 Apr 2016 11:14

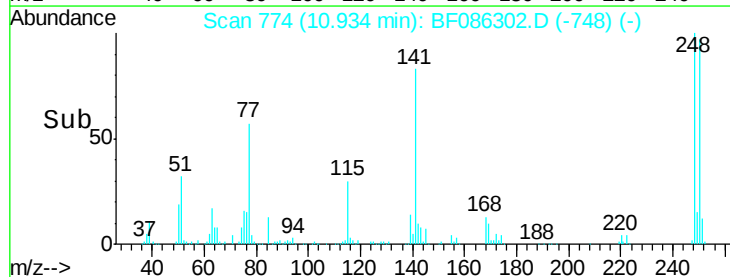
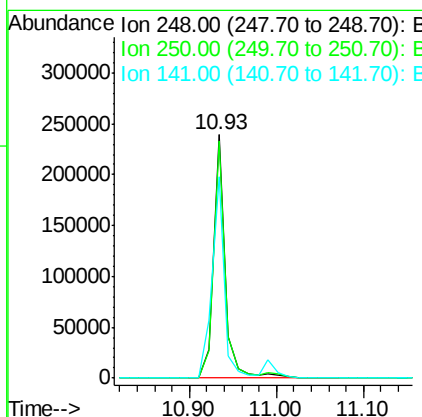
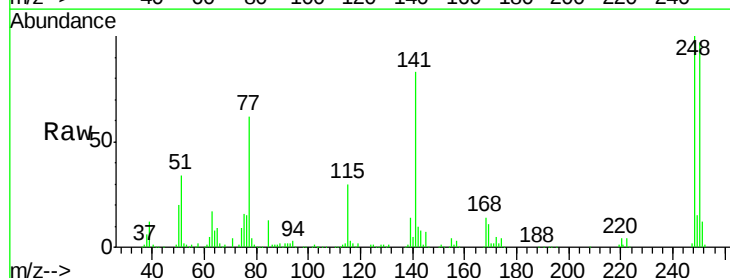
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

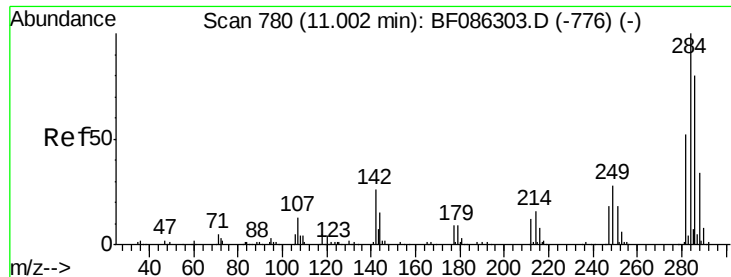
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.3	81.5
167	37.0	30.2	45.2



#66
 4-Bromophenyl-phenylether
 Concen: 29.25 ng
 RT: 10.93 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF086302.D
 Acq: 20 Apr 2016 11:14

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.6	118.0
141	82.7	57.9	86.9

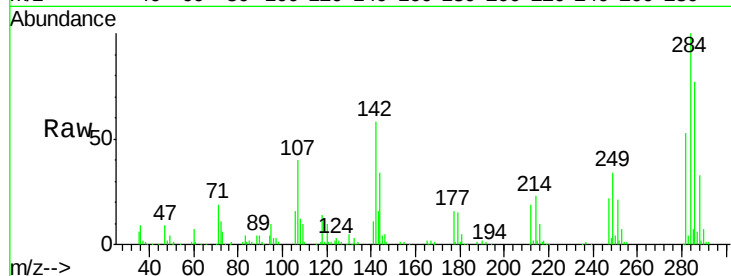




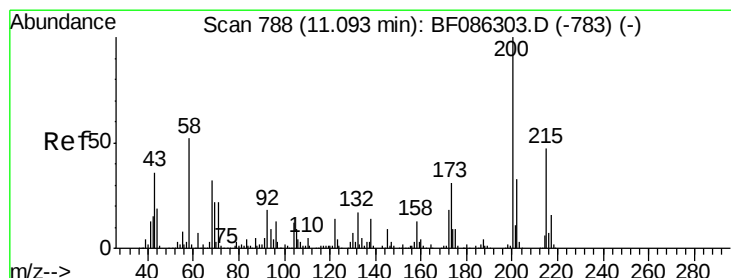
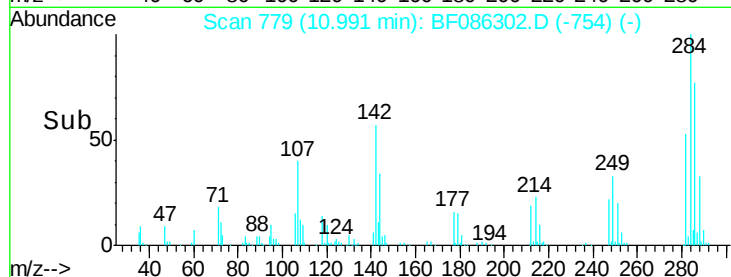
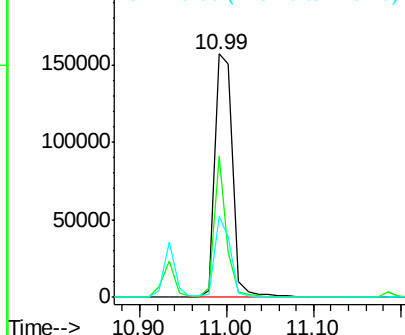
#67
Hexachlorobenzene
Concen: 27.70 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:284 Resp: 228147
Ion Ratio Lower Upper
284 100
142 58.2 42.6 64.0
249 33.5 25.9 38.9

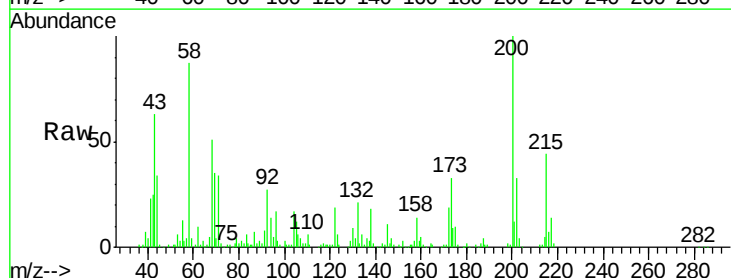


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

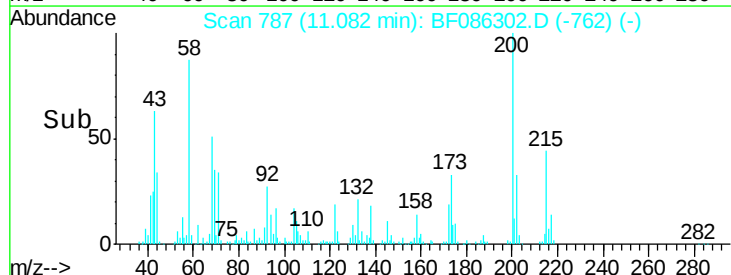
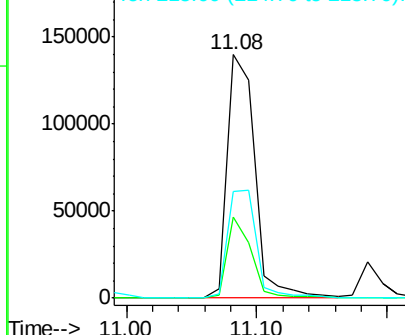


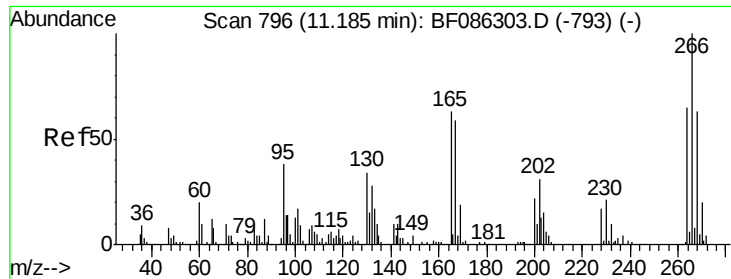
#68
Atrazine
Concen: 26.02 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

Tgt Ion:200 Resp: 205895
Ion Ratio Lower Upper
200 100
173 33.5 11.2 51.2
215 43.9 24.0 64.0



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

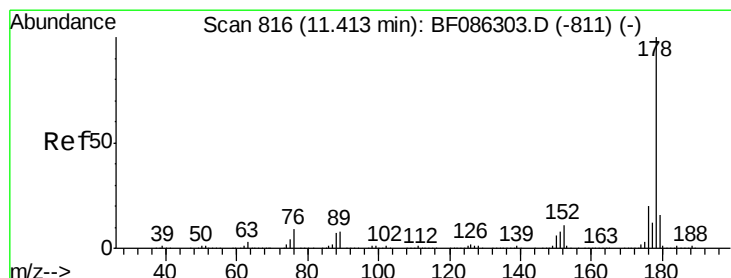
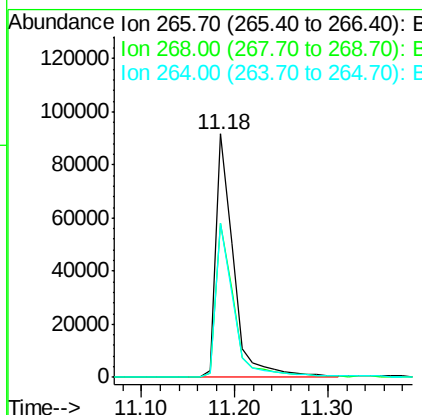
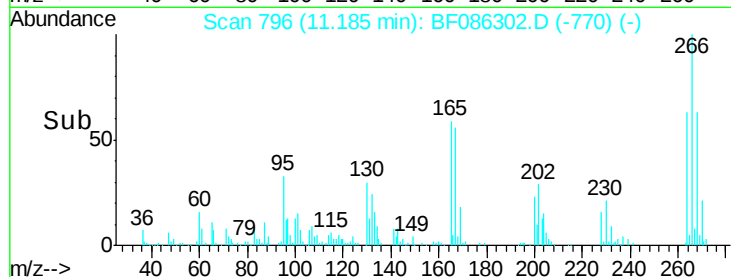
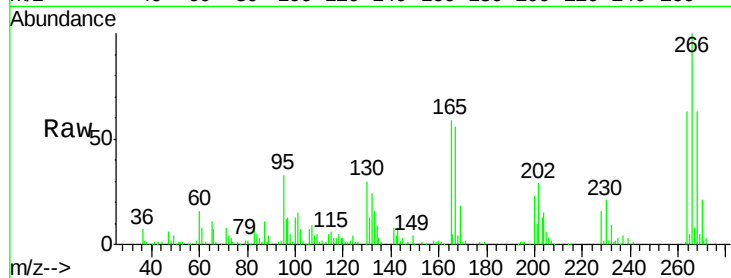




#69
 Pentachlorophenol
 Concen: 24.10 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF086302.D
 Acq: 20 Apr 2016 11:14

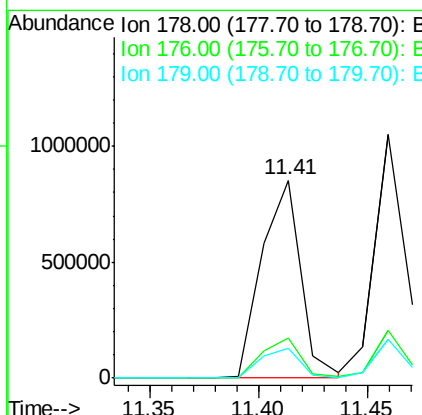
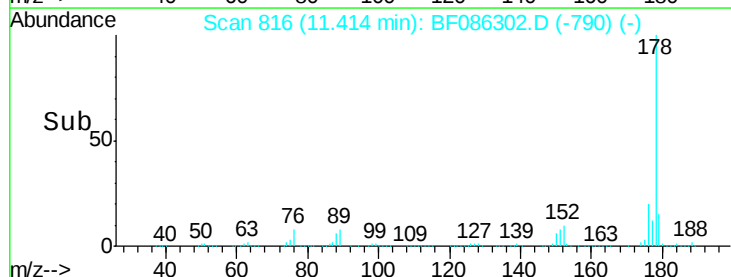
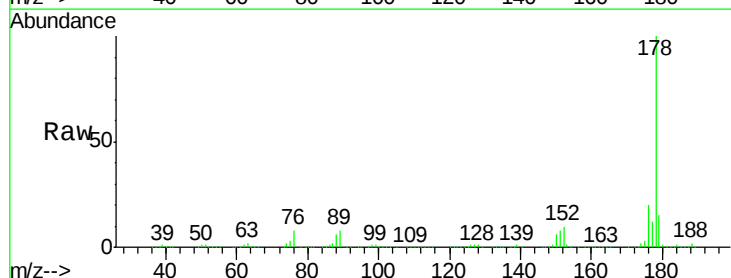
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

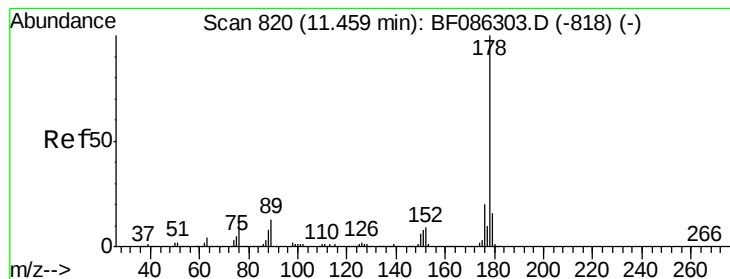
Tot Ion:266 Resp: 120343
 Ion Ratio Lower Upper
 266 100
 268 63.4 53.0 79.4
 264 63.3 51.3 76.9



#70
 Phenanthrene
 Concen: 26.68 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF086302.D
 Acq: 20 Apr 2016 11:14

Tgt Ion:178 Resp: 1074649
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.3 24.5
 179 15.3 13.0 19.6





#71

Anthracene

Concen: 25.46 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

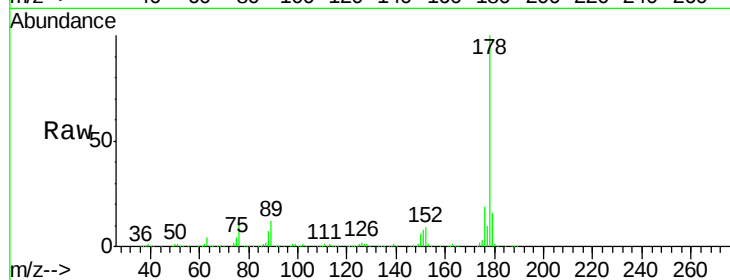
Tot Ion:178 Resp: 1119238

Ion Ratio Lower Upper

178 100

176 19.4 16.2 24.4

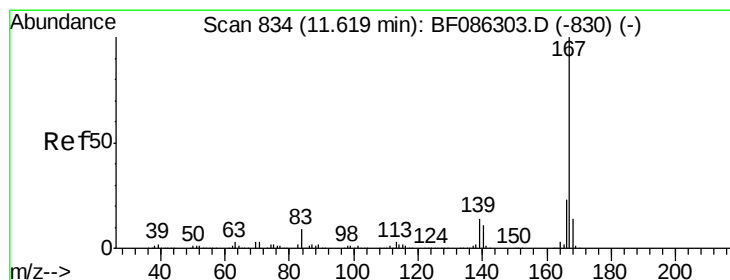
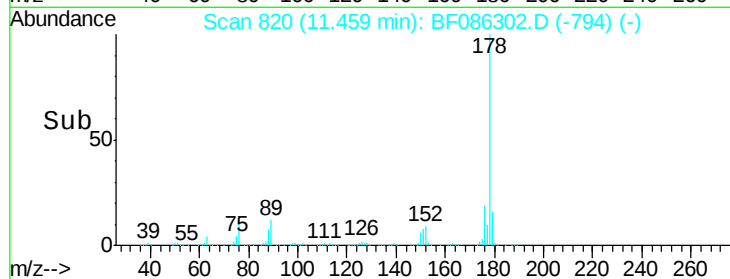
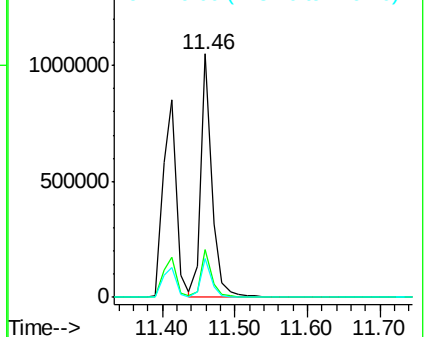
179 15.8 13.2 19.8



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: 27.75 ng

RT: 11.62 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

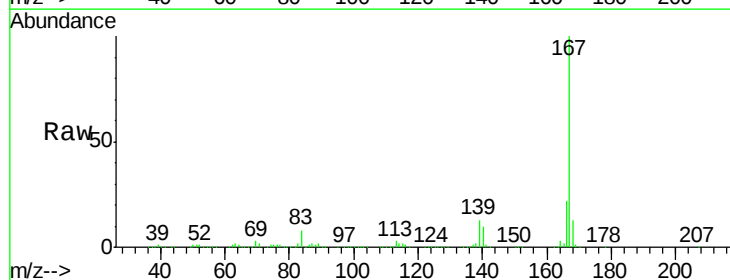
Tgt Ion:167 Resp: 1062829

Ion Ratio Lower Upper

167 100

166 21.7 18.3 27.5

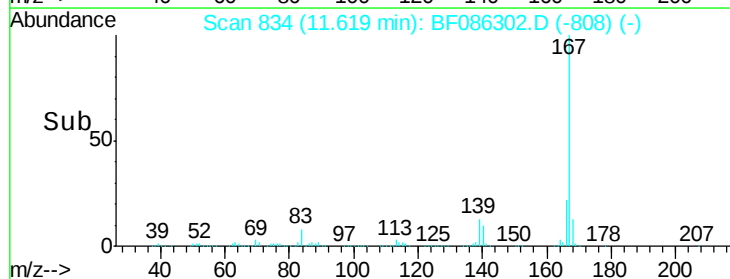
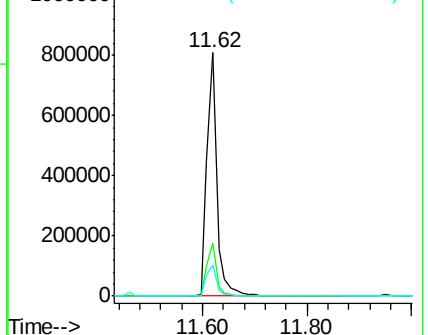
139 12.9 12.3 18.5

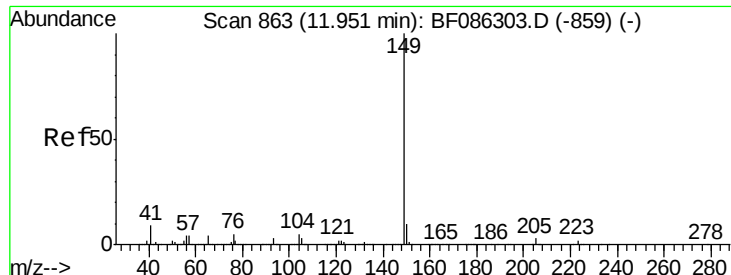


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 27.54 ng

RT: 11.95 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

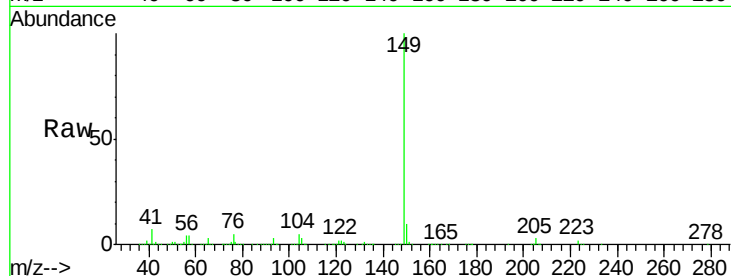
Tot Ion:149 Resp: 1426280

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

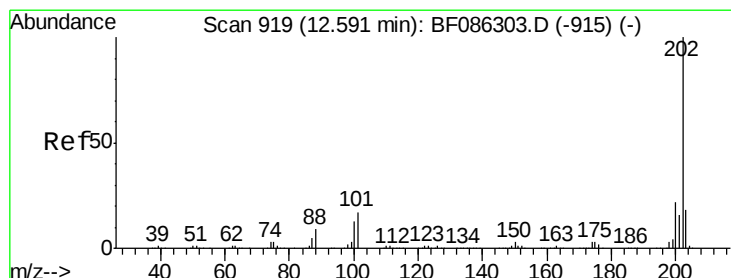
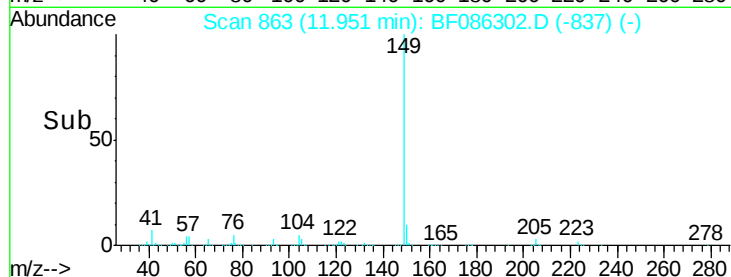
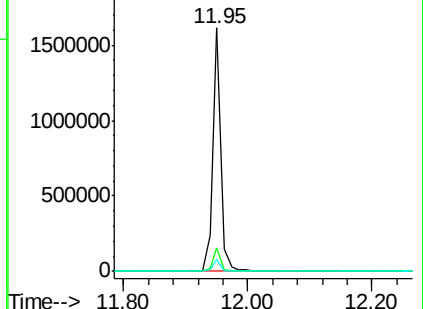
104 4.7 4.1 6.1



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: 22.90 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

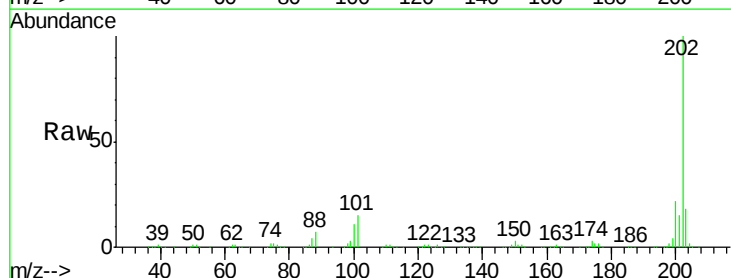
Tgt Ion:202 Resp: 944593

Ion Ratio Lower Upper

202 100

101 15.0 0.0 35.2

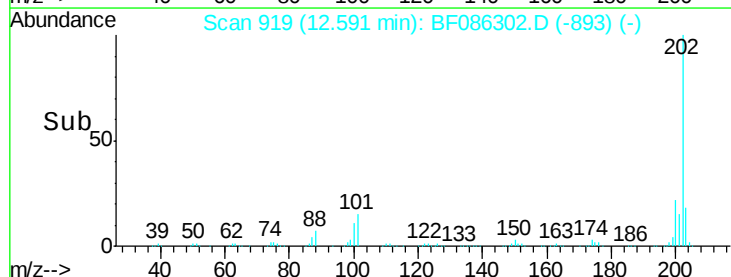
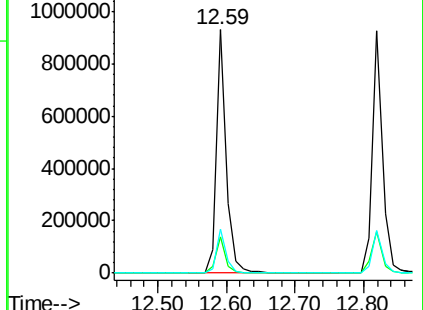
203 17.8 0.0 38.2

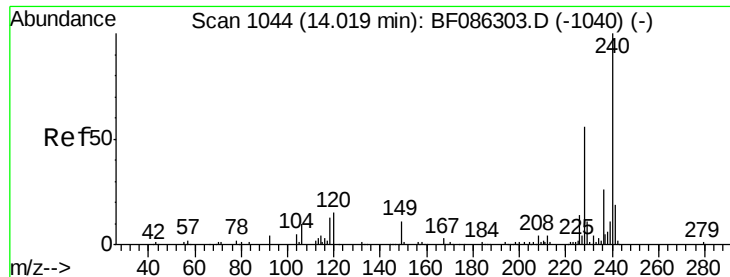


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

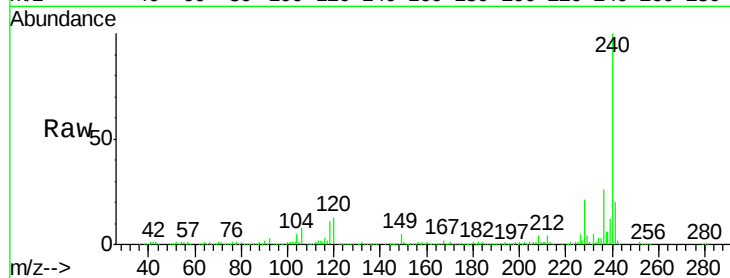
Tot Ion:240 Resp: 486255

Ion Ratio Lower Upper

240 100

120 12.6 9.3 13.9

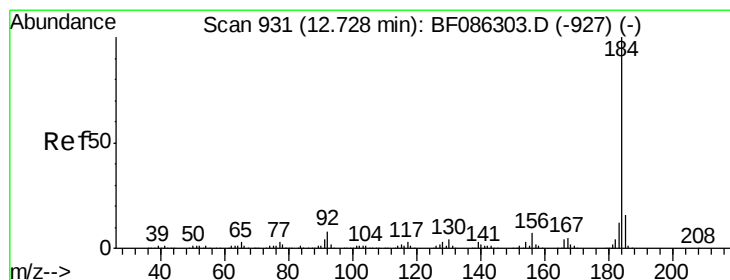
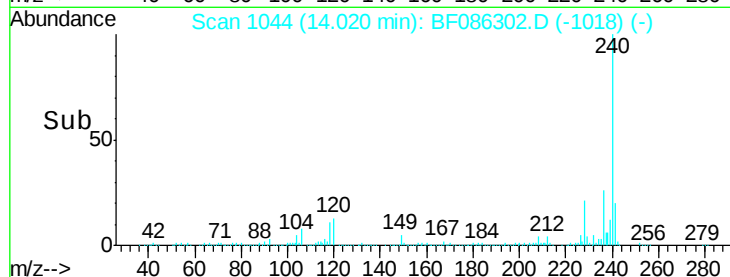
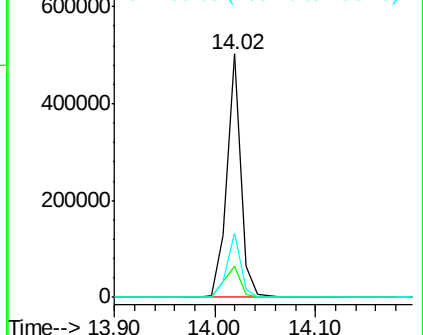
236 26.5 21.1 31.7



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: 30.26 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

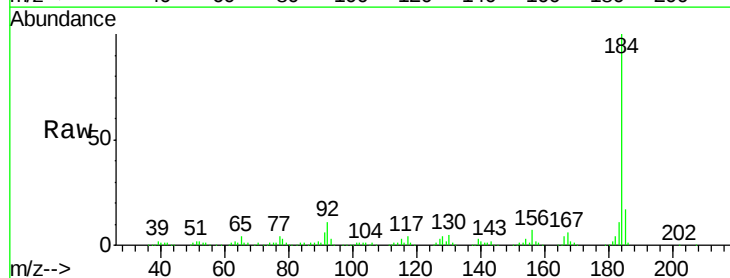
Tgt Ion:184 Resp: 570733

Ion Ratio Lower Upper

184 100

185 16.5 14.2 21.2

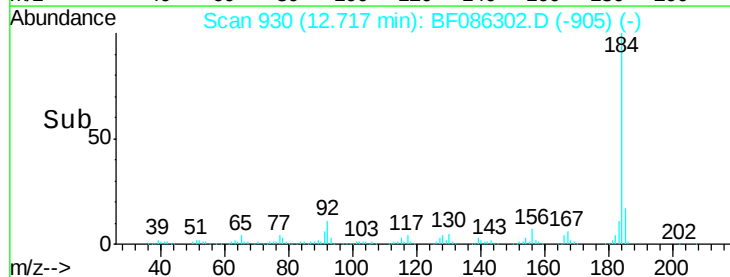
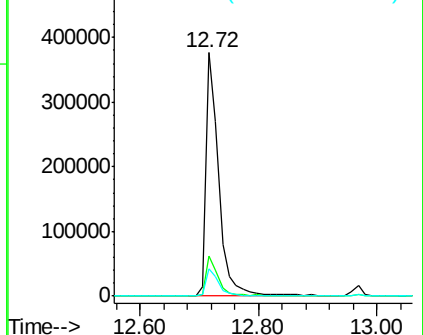
183 11.3 9.8 14.6

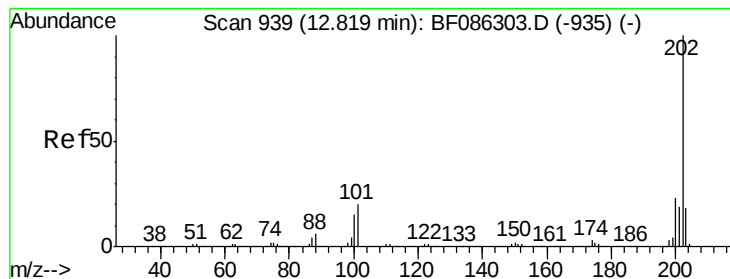


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 24.83 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

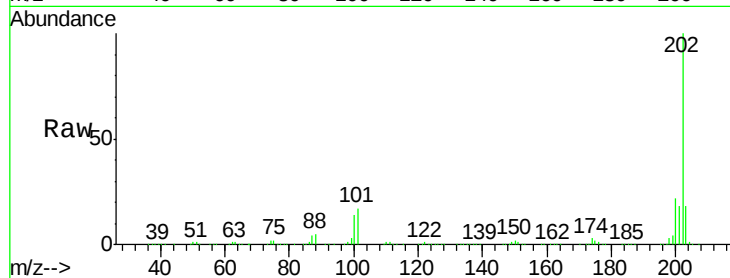
Tot Ion:202 Resp: 926337

Ion Ratio Lower Upper

202 100

200 21.6 18.3 27.5

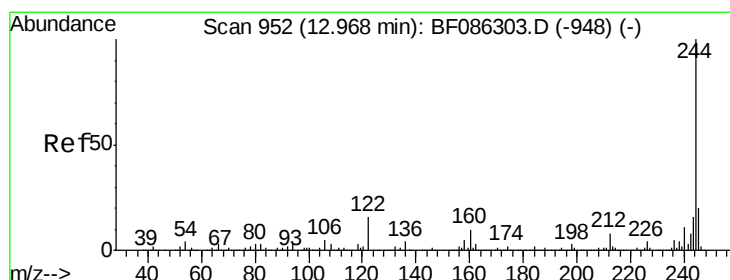
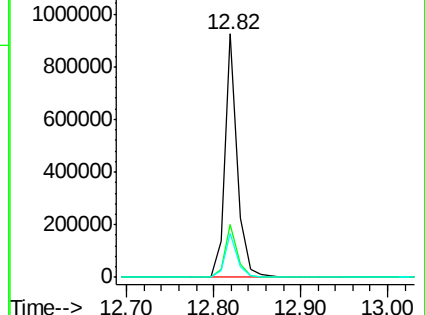
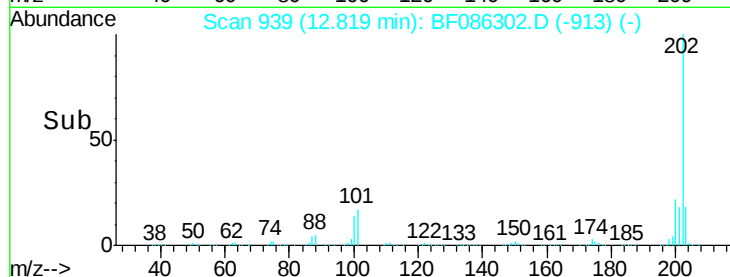
203 17.8 14.9 22.3



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: 56.80 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

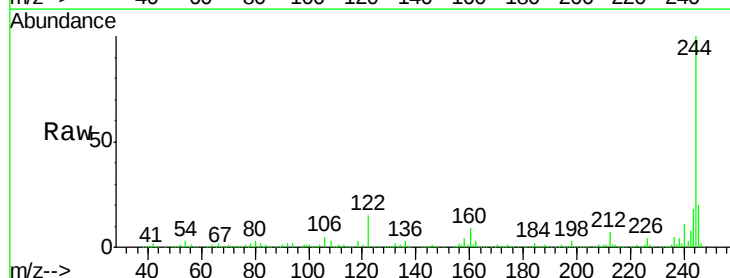
Tgt Ion:244 Resp: 1098339

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

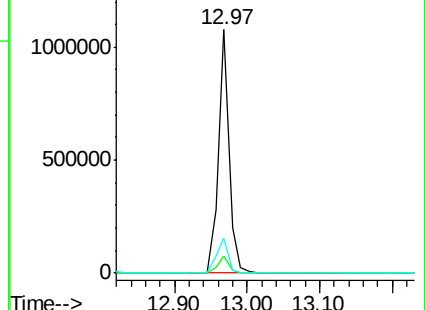
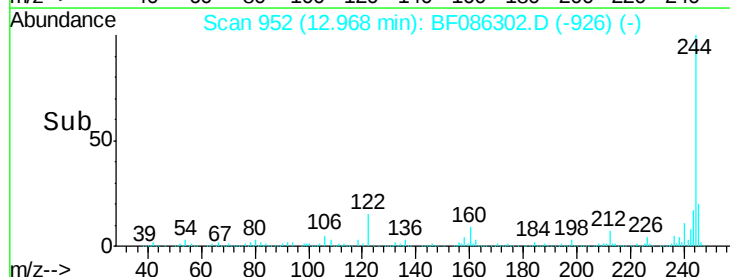
122 14.6 11.7 17.5

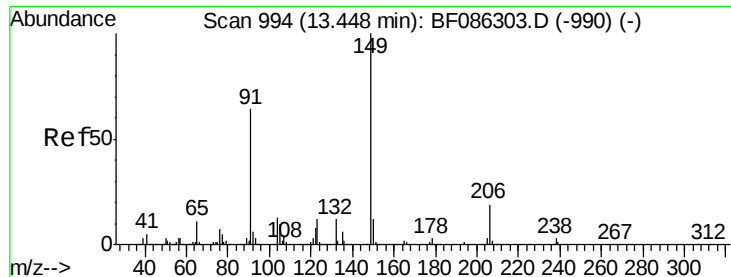


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

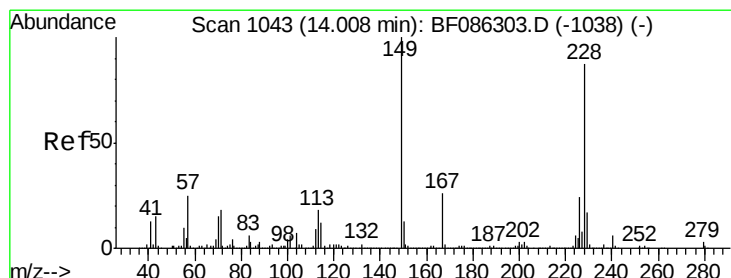
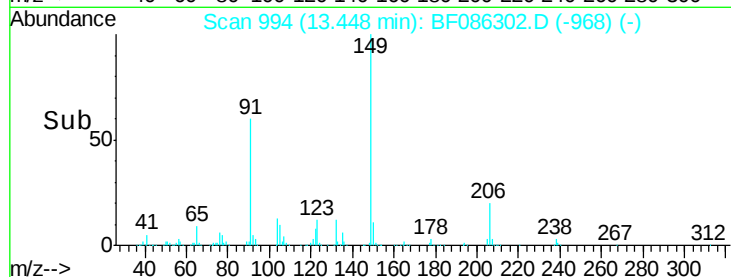
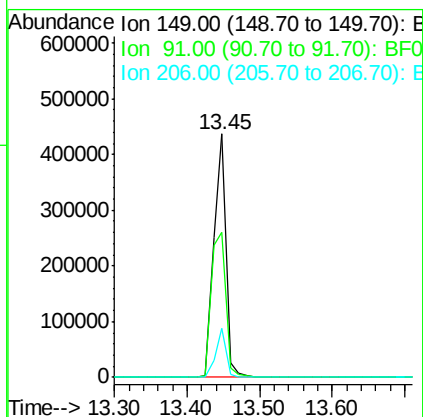
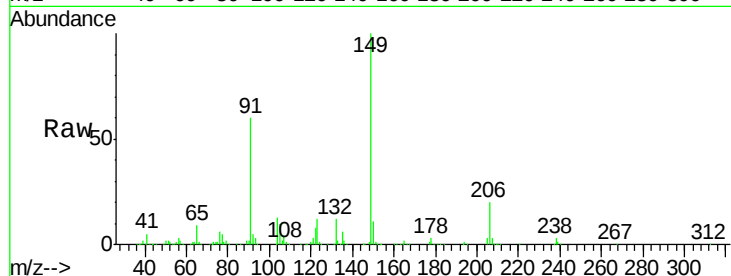




#79
Butylbenzylphthalate
Concen: 29.16 ng
RT: 13.45 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

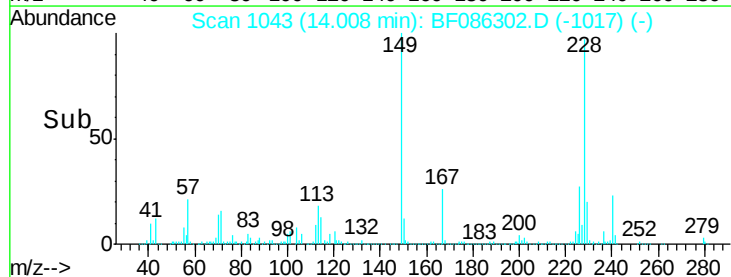
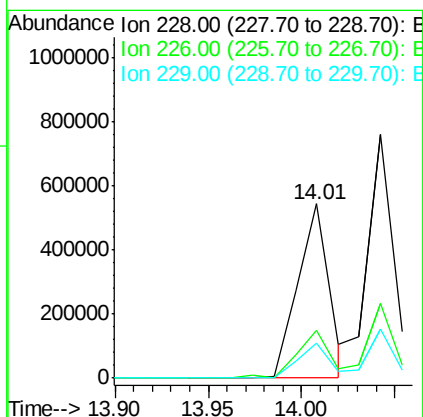
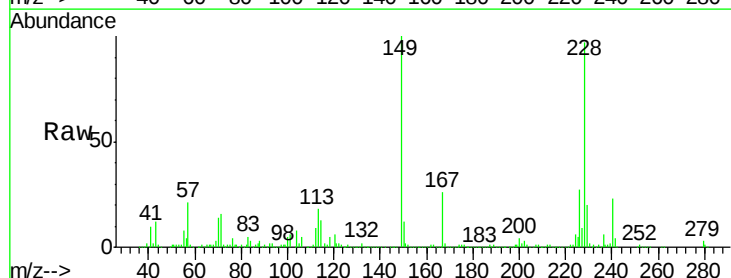
Instrument :
BNA_F
ClientSampleId :
SSTDICC025

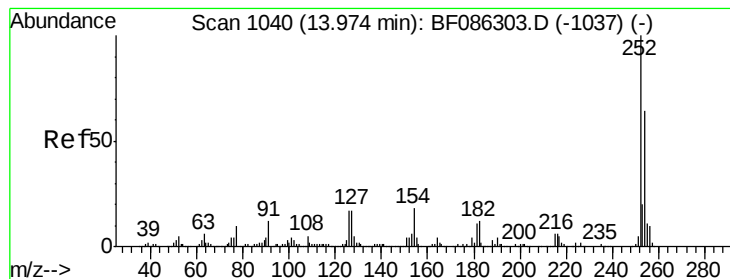
Tot Ion:149 Resp: 502574
Ion Ratio Lower Upper
149 100
91 59.7 48.7 73.1
206 20.2 15.7 23.5



#80
Benzo(a)anthracene
Concen: 23.81 ng
RT: 14.01 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

Tgt Ion:228 Resp: 635453
Ion Ratio Lower Upper
228 100
226 27.4 22.5 33.7
229 20.2 16.2 24.2

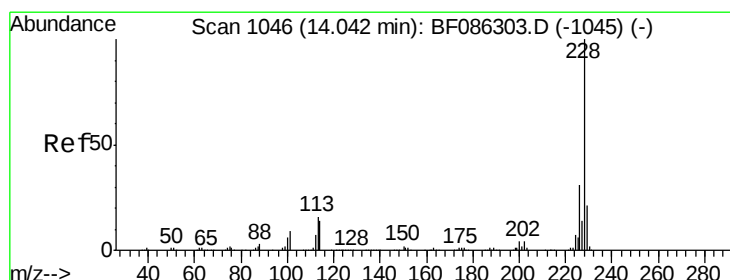
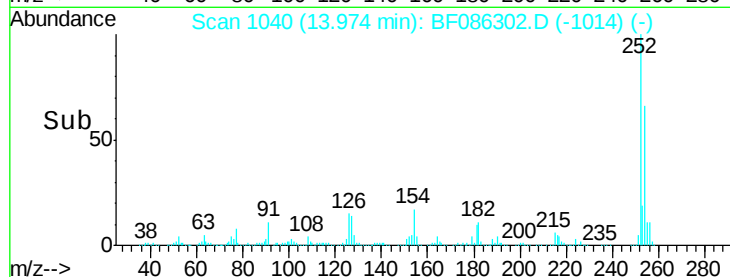
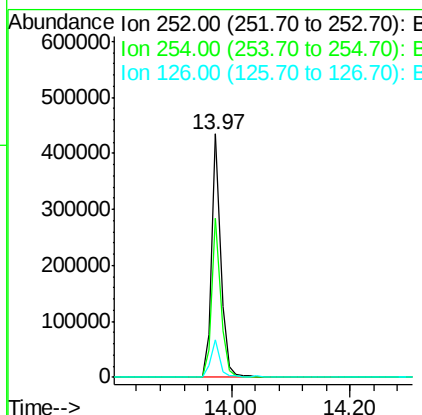
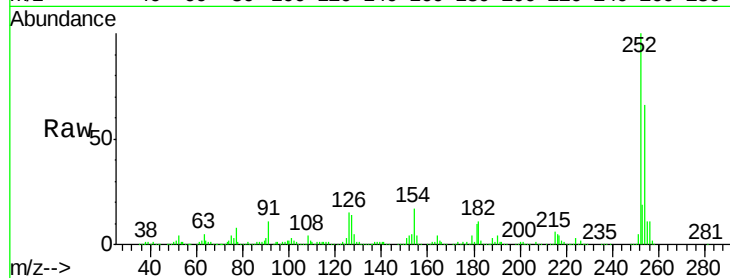




#81
 3,3'-Dichlorobenzidine
 Concen: 29.89 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF086302.D
 Acq: 20 Apr 2016 11:14

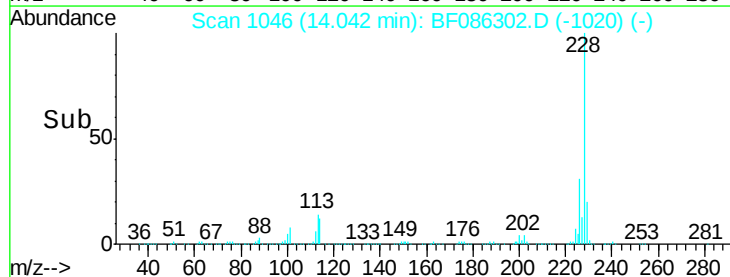
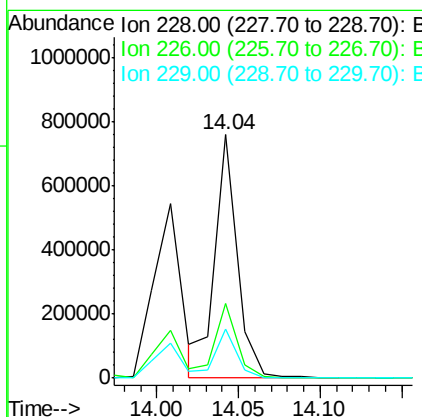
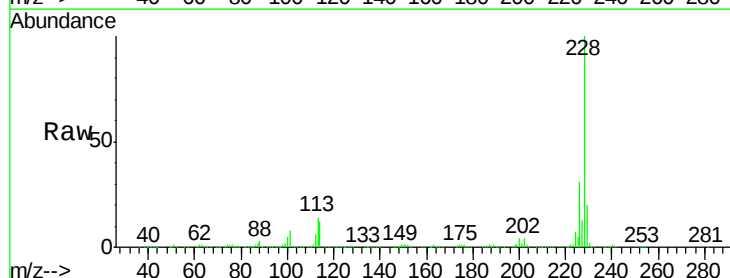
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

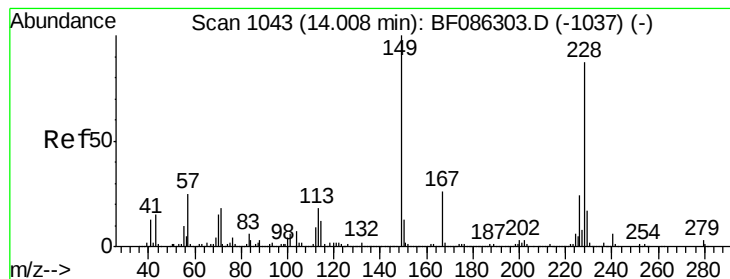
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.1	78.1
126	15.2	13.2	19.8



#82
 Chrysene
 Concen: 25.32 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF086302.D
 Acq: 20 Apr 2016 11:14

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.42 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

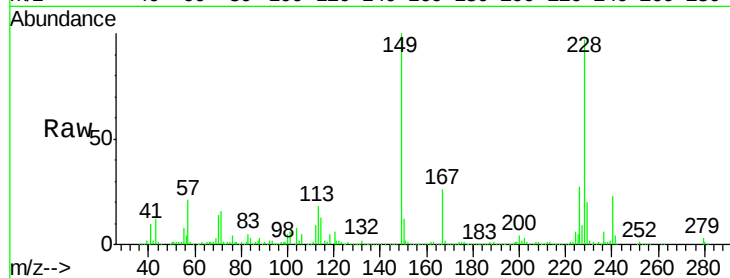
Tot Ion:149 Resp: 603208

Ion Ratio Lower Upper

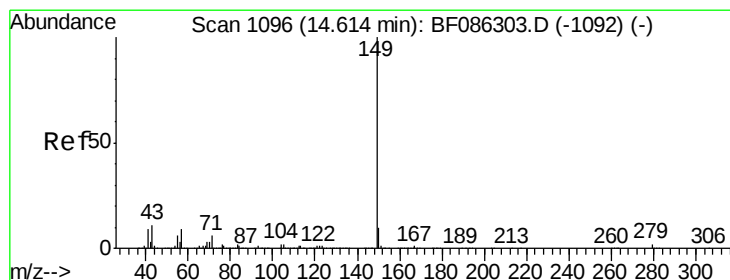
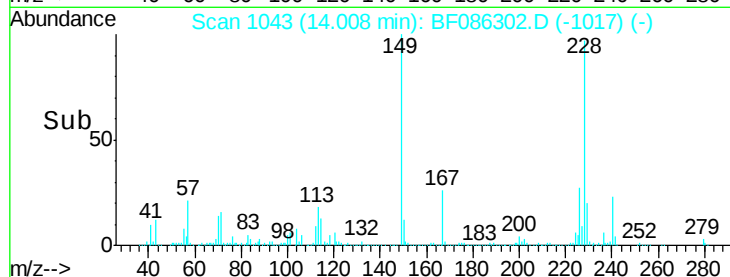
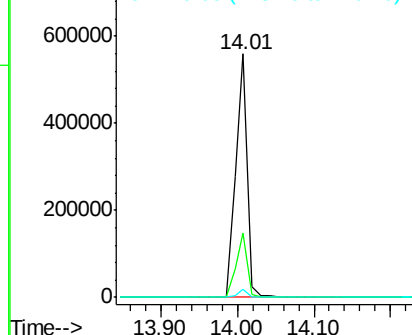
149 100

167 26.4 21.0 31.4

279 3.2 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: 29.63 ng

RT: 14.61 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

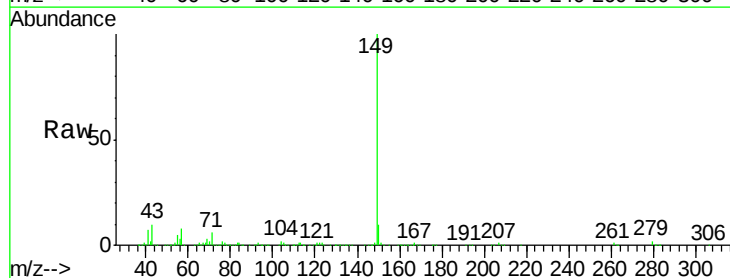
Tgt Ion:149 Resp: 1062570

Ion Ratio Lower Upper

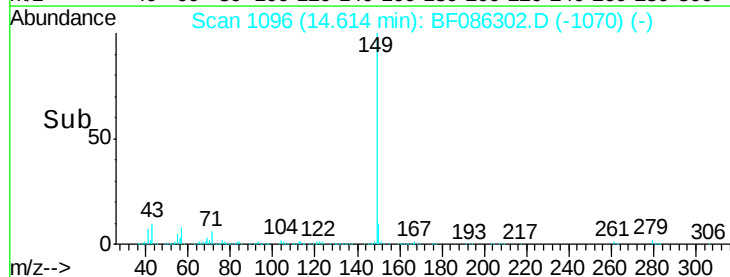
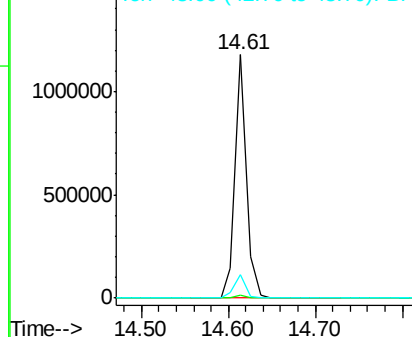
149 100

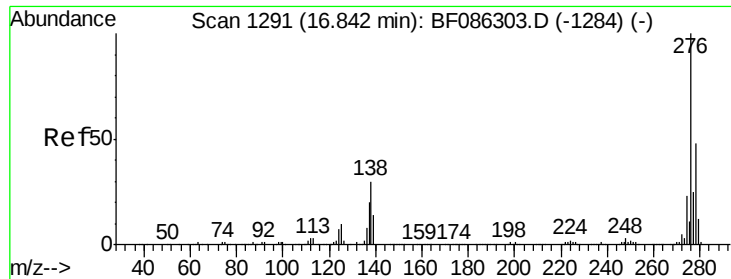
167 1.4 1.1 1.7

43 9.9 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

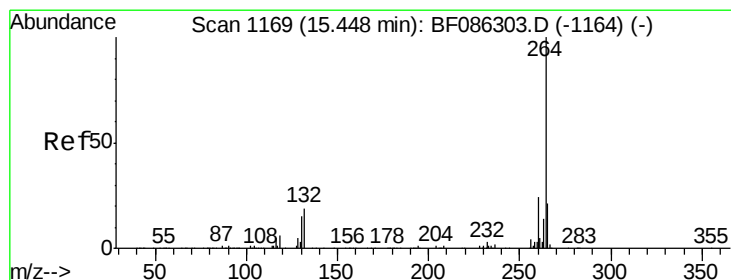
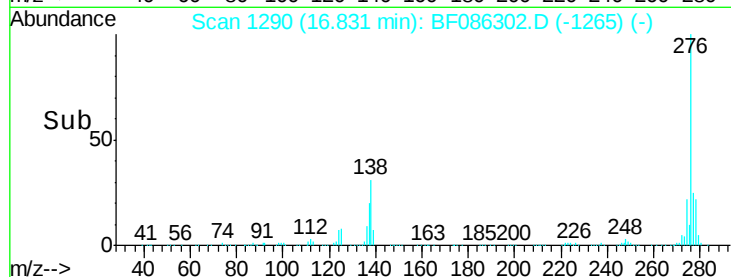
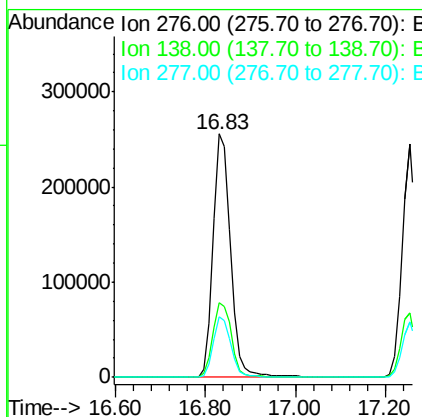
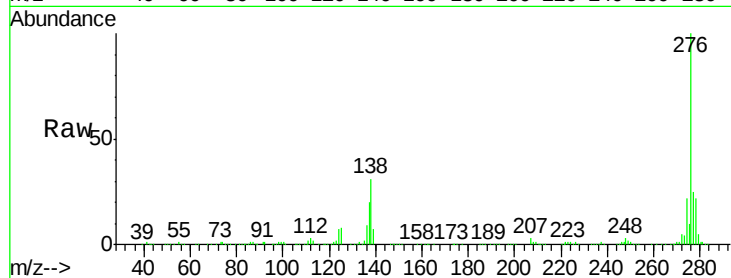




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.87 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF086302.D
 Acq: 20 Apr 2016 11:14

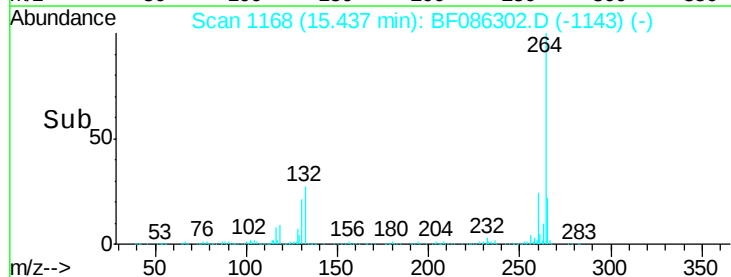
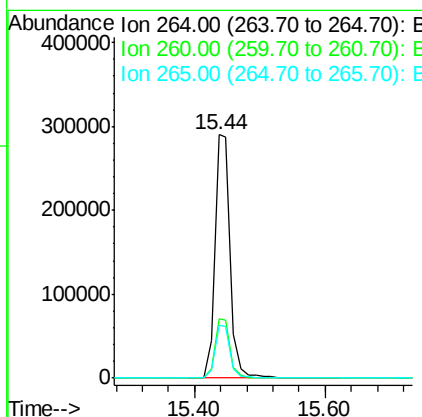
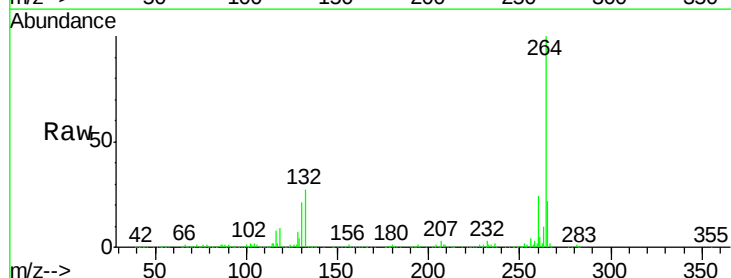
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

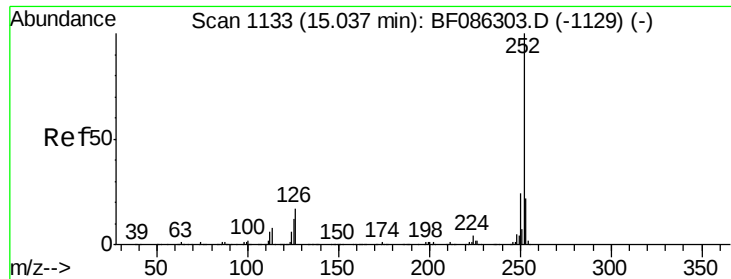
Tot Ion:276 Resp: 698724
 Ion Ratio Lower Upper
 276 100
 138 32.8 23.8 35.6
 277 25.3 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF086302.D
 Acq: 20 Apr 2016 11:14

Tgt Ion:264 Resp: 482871
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.0 30.0
 265 21.7 17.4 26.0

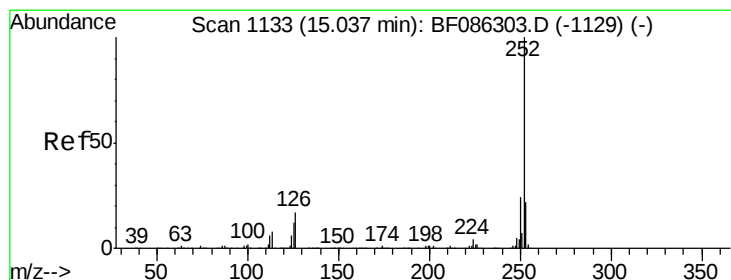
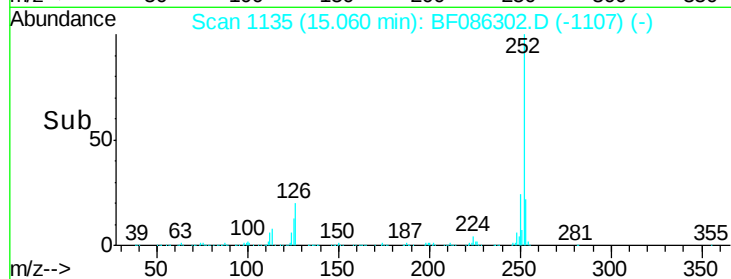
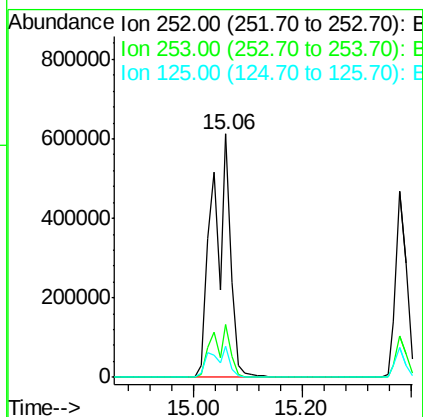
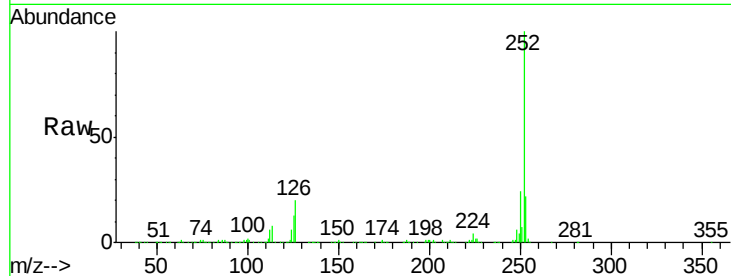




#87
Benzo(b)fluoranthene
Concen: 46.91 ng
RT: 15.06 min Scan# 1135
Delta R.T. 0.02 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

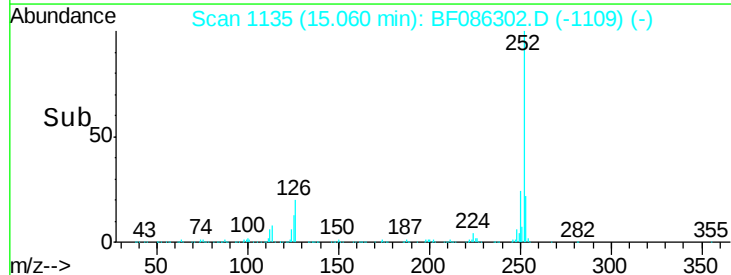
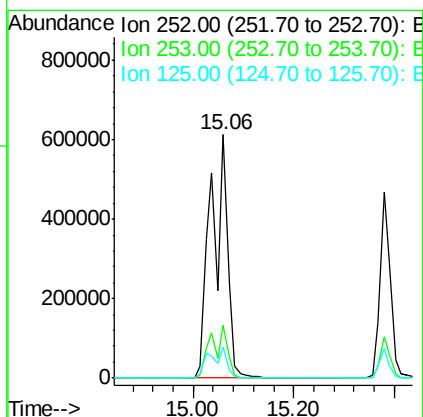
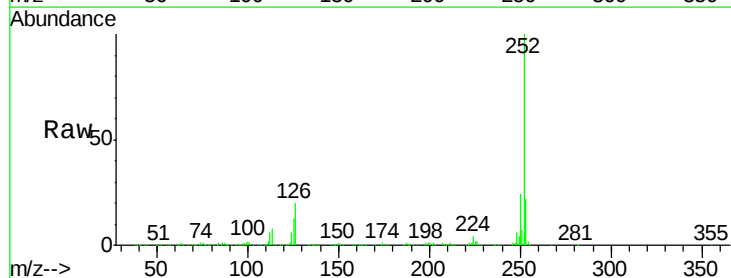
Instrument :
BNA_F
ClientSampleId :
SSTDICC025

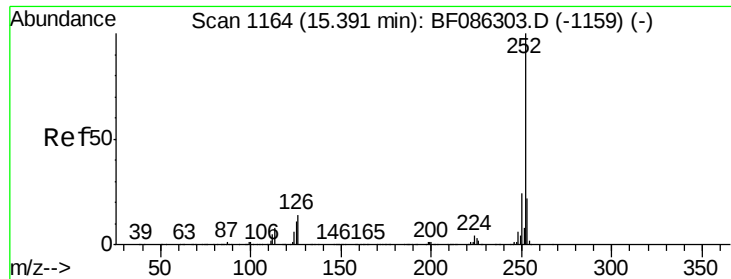
Tot Ion:252 Resp: 1397382
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 12.9 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 51.48 ng
RT: 15.06 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF086302.D
Acq: 20 Apr 2016 11:14

Tgt Ion:252 Resp: 1398294
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 12.9 7.8 11.6#





#89

Benzo(a)pyrene

Concen: 26.08 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

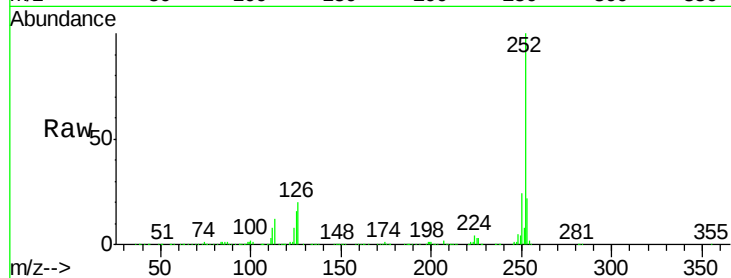
Tot Ion:252 Resp: 673118

Ion Ratio Lower Upper

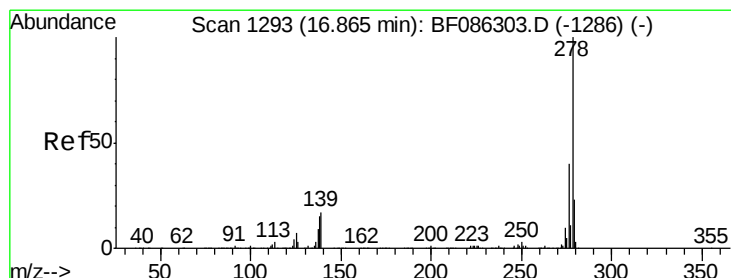
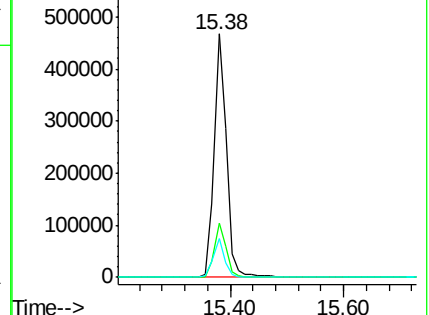
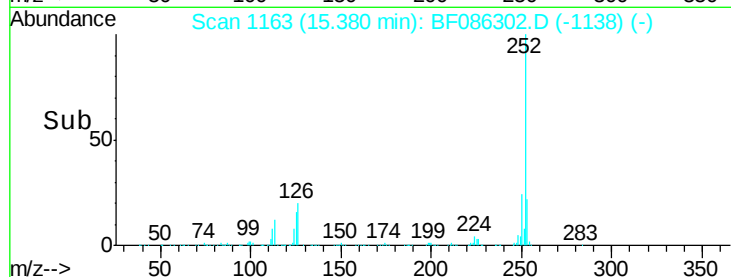
252 100

253 22.1 17.8 26.8

125 15.8 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: 25.88 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

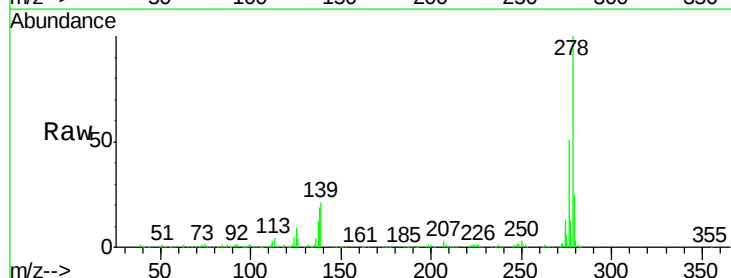
Tgt Ion:278 Resp: 590247

Ion Ratio Lower Upper

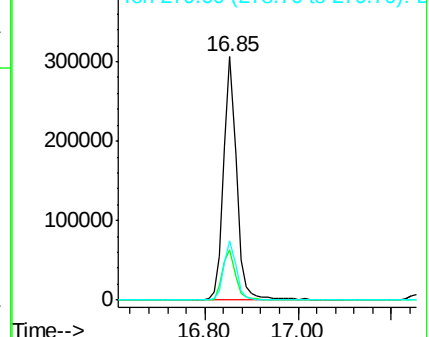
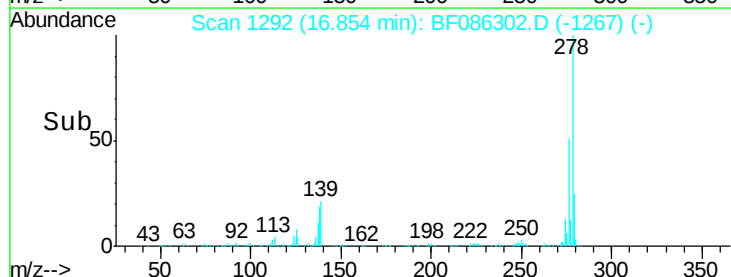
278 100

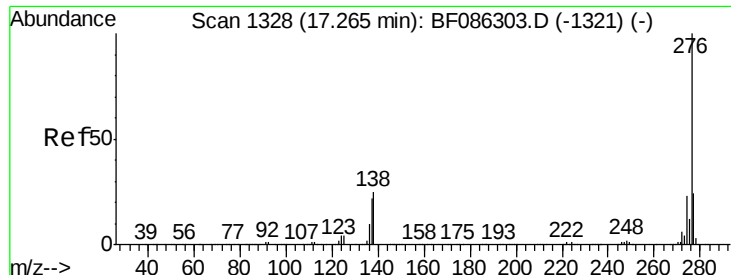
139 20.6 15.3 22.9

279 24.5 19.1 28.7



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





#91

Benzo(a,h,i)perylene

Concen: 23.01 ng

RT: 17.25 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

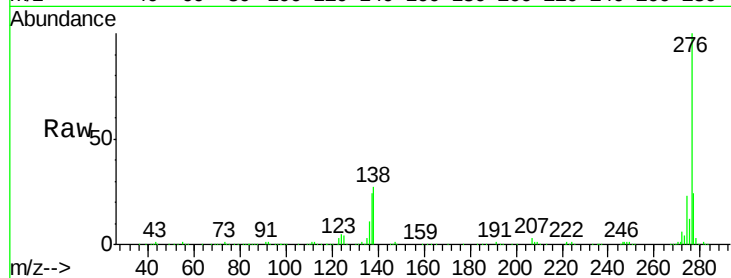
Tot Ion: 276 Resp: 557895

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.6

138 27.5 19.6 29.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

