

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086533.D
 Acq On : 30 Apr 2016 19:43
 Operator : UM/SJ
 Sample : PB90161BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:24:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	133504	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	589455	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	284978	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	554543	20.00	ng	0.00
75) Chrysene-d12	13.92	240	444108	20.00	ng	0.00
86) Perylene-d12	15.31	264	348300	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	896487	115.83	ng	0.01
7) Phenol-d6	6.41	99	1095495	101.41	ng	0.00
23) Nitrobenzene-d5	7.33	82	719271	65.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	303592	101.02	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1213111	71.93	ng	-0.01
78) Terphenyl-d14	12.86	244	1192475	59.16	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.37	88	120154	29.55	ng	# 73
3) Pyridine	3.06	79	329630	34.26	ng	# 72
4) n-Nitrosodimethylamine	3.00	42	196932	35.91	ng	# 59
6) Aniline	6.43	93	194503	14.88	ng	94
8) 2-Chlorophenol	6.54	128	316126	32.79	ng	# 78
9) Benzaldehyde	6.30	77	36797	5.86	ng	96
10) Phenol	6.42	94	436876	36.25	ng	81
11) bis(2-Chloroethyl)ether	6.51	93	340895	32.72	ng	100
12) 1,3-Dichlorobenzene	6.70	146	329000	31.73	ng	96
13) 1,4-Dichlorobenzene	6.78	146	349369	32.65	ng	97
14) 1,2-Dichlorobenzene	6.93	146	321833	32.80	ng	97
15) Benzyl Alcohol	6.91	79	252125	36.89	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.05	45	654129	31.37	ng	90
17) 2-Methylphenol	7.04	107	270377	34.70	ng	95
18) Hexachloroethane	7.28	117	124246	31.08	ng	99
19) n-Nitroso-di-n-propylamine	7.18	70	240591	33.69	ng	# 73
20) 3+4-Methylphenols	7.18	107	328051	36.87	ng	91
22) Acetophenone	7.18	105	440915	34.11	ng	# 87
24) Nitrobenzene	7.36	77	360374	32.03	ng	# 89
25) Isophorone	7.60	82	675588	32.10	ng	96
26) 2-Nitrophenol	7.66	139	168731	32.58	ng	# 71
27) 2,4-Dimethylphenol	7.71	122	293455	32.29	ng	91
28) bis(2-Chloroethoxy)methane	7.81	93	398950	34.79	ng	99
29) 2,4-Dichlorophenol	7.92	162	278562	36.33	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	286787	32.24	ng	98
31) Naphthalene	8.08	128	991228	33.05	ng	99
32) Benzoic acid	7.84	122	133693	28.63	ng	86
33) 4-Chloroaniline	8.13	127	98143	8.74	ng	98
34) Hexachlorobutadiene	8.19	225	150950	30.27	ng	98
35) Caprolactam	8.49	113	88413	34.56	ng	# 54
36) 4-Chloro-3-methylphenol	8.61	107	297955	33.94	ng	91
37) 2-Methylnaphthalene	8.76	142	597449	33.76	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	251262	30.80	ng	97
40) Hexachlorocyclopentadiene	8.92	237	258306	63.72	ng	96

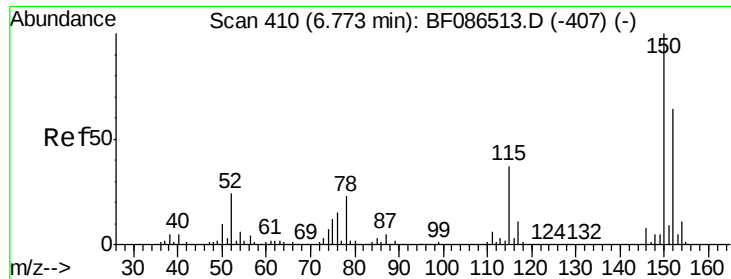
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	186551	36.18	nq	94
43) 2,4,5-Trichlorophenol	9.09	196	191447	34.06	nq	95
45) 1,1'-Biphenyl	9.23	154	783950	32.91	nq	97
46) 2-Chloronaphthalene	9.25	162	582449	32.16	nq	95
47) 2-Nitroaniline	9.36	65	219060	37.72	nq	98
48) Acenaphthylene	9.66	152	892781	31.54	nq	99
49) Dimethylphthalate	9.54	163	734049	34.22	nq	100
50) 2,6-Dinitrotoluene	9.60	165	160394	36.19	nq	96
51) Acenaphthene	9.84	154	633445	34.84	nq	99
52) 3-Nitroaniline	9.77	138	66626	13.22	nq	98
53) 2,4-Dinitrophenol	9.87	184	146954	62.53	nq	# 84
54) Dibenzofuran	10.01	168	795546	35.01	nq	95
55) 4-Nitrophenol	9.94	139	229124	69.42	nq	95
56) 2,4-Dinitrotoluene	10.00	165	197301	34.92	nq	# 91
57) Fluorene	10.35	166	613821	31.11	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	168591	38.37	nq	95
59) Diethylphthalate	10.24	149	712215	35.07	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	292171	32.61	nq	# 84
61) 4-Nitroaniline	10.37	138	162115	32.90	nq	# 77
62) Azobenzene	10.51	77	817752	36.76	nq	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	110333	33.89	nq	91
65) n-Nitrosodiphenylamine	10.46	169	556198	32.09	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	184967	32.37	nq	# 75
67) Hexachlorobenzene	10.90	284	210454	31.82	nq	# 84
68) Atrazine	11.00	200	187980	36.12	nq	95
69) Pentachlorophenol	11.09	266	213294	61.16	nq	96
70) Phenanthrene	11.31	178	976735	33.56	nq	100
71) Anthracene	11.36	178	1034344	33.30	nq	100
72) Carbazole	11.52	167	925963	33.64	nq	99
73) Di-n-butylphthalate	11.86	149	1075364	34.48	nq	99
74) Fluoranthene	12.49	202	1004824	34.21	nq	99
76) Benzidine	12.62	184	260679	17.08	nq	97
77) Pyrene	12.72	202	984700	30.77	nq	100
79) Butylbenzylphthalate	13.34	149	429387	30.98	nq	# 76
80) Benzo(a)anthracene	13.90	228	809865	34.20	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	131995	8.34	nq	# 97
82) Chrysene	13.94	228	778627	30.25	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	504724	29.34	nq	# 95
84) Di-n-octyl phthalate	14.51	149	822407	30.53	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.65	276	654178	34.30	nq	97
87) Benzo(b)fluoranthene	14.95	252	1436796	70.12	nq	# 97
88) Benzo(k)fluoranthene	14.95	252	1438624	67.31	nq	99
89) Benzo(a)pyrene	15.25	252	655003	33.86	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	549724	34.72	nq	96
91) Benzo(g,h,i)perylene	17.05	276	548956	34.60	nq	# 92

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

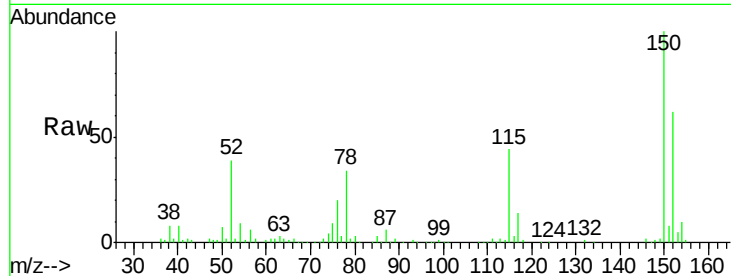


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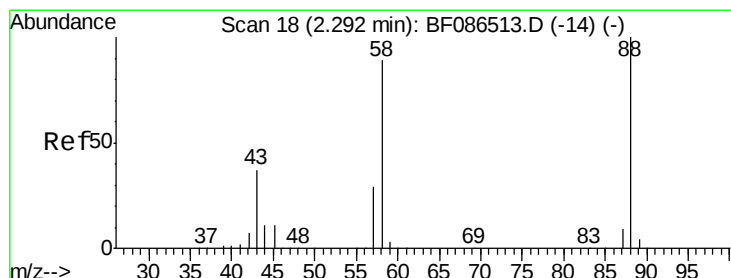
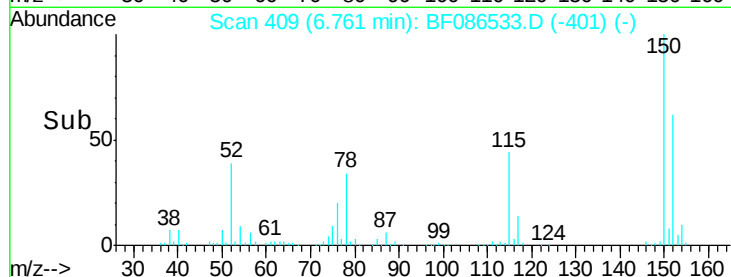
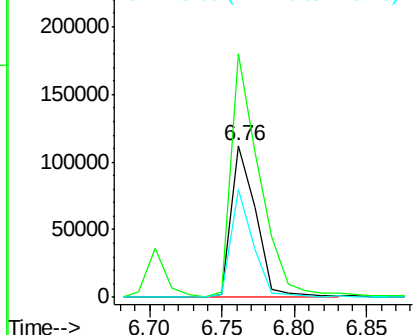
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133504
Ion Ratio Lower Upper
152 100
150 160.4 125.8 188.6
115 71.2 51.5 77.3



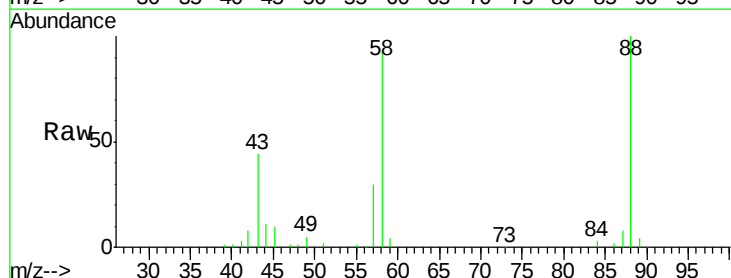
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



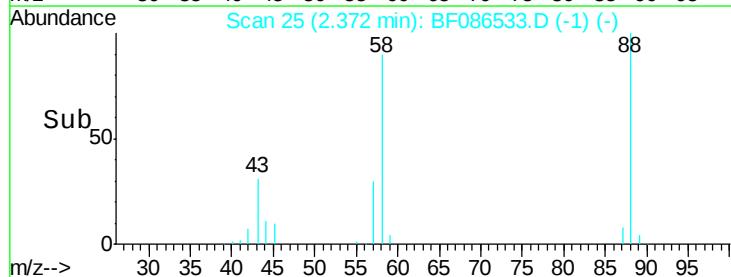
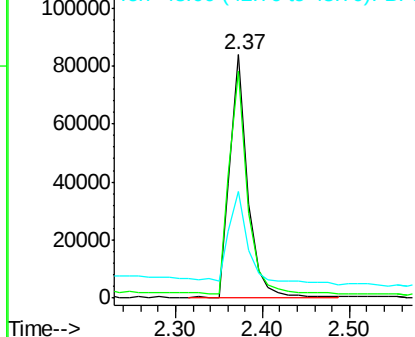
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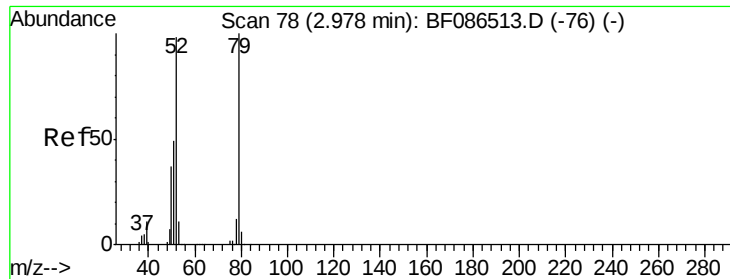
1,4-Dioxane
Concen: 29.55 ng
RT: 2.37 min Scan# 25
Delta R.T. 0.08 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion: 88 Resp: 120154
Ion Ratio Lower Upper
88 100
58 93.3 59.6 89.4#
43 48.1 21.8 32.6#



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: 34.26 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.08 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

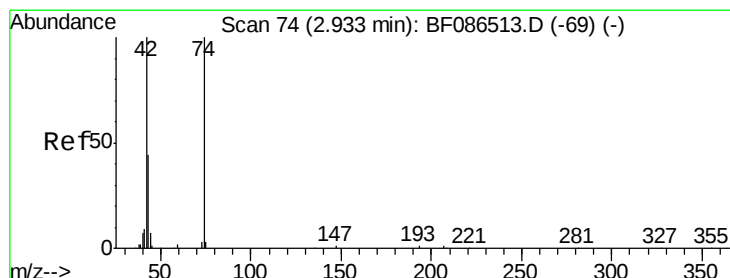
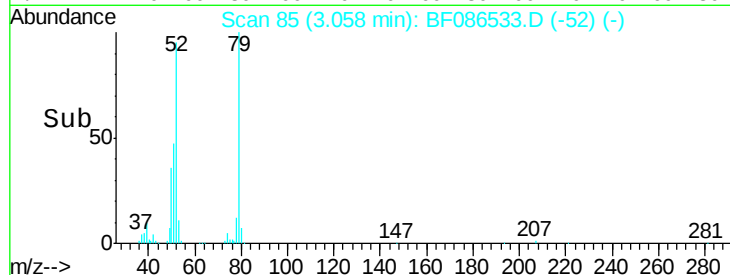
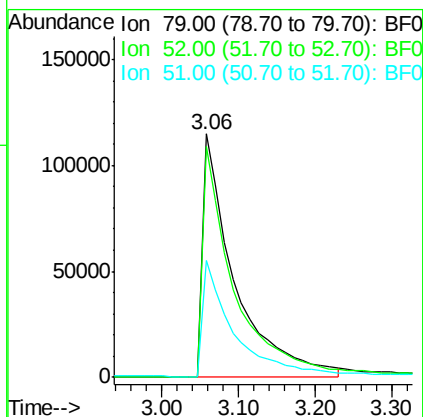
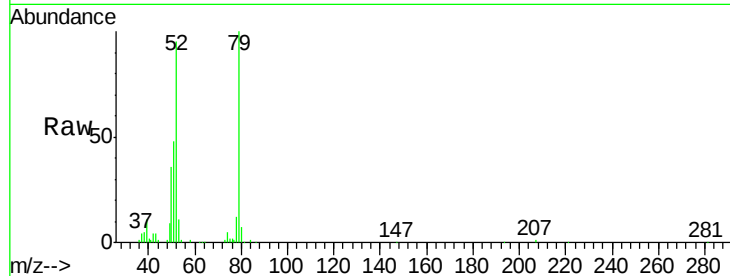
Tot Ion: 79 Resp: 329630

Ion Ratio Lower Upper

79 100

52 94.7 55.9 83.9#

51 48.2 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 35.91 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.07 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

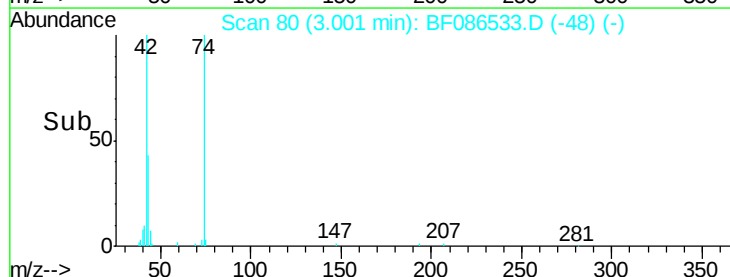
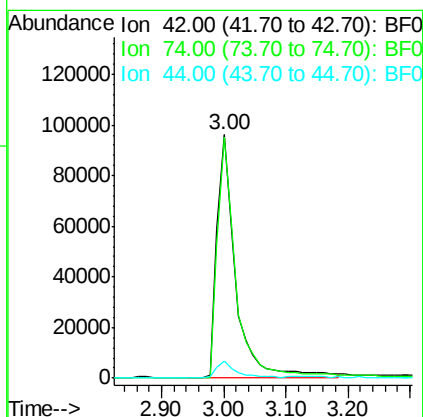
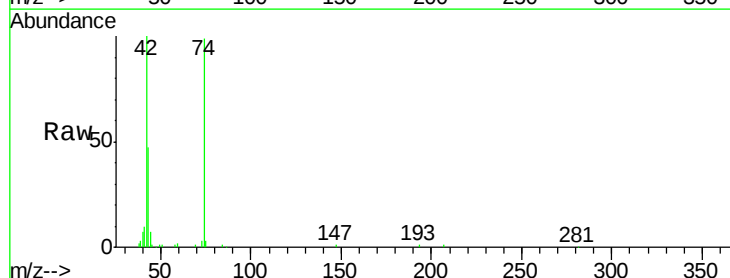
Tgt Ion: 42 Resp: 196932

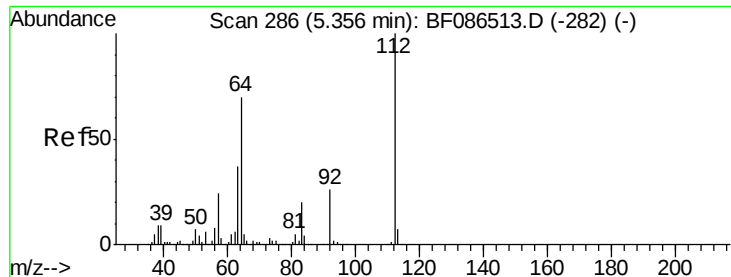
Ion Ratio Lower Upper

42 100

74 99.1 123.4 185.0#

44 7.1 5.8 8.6





#5

2-Fluorophenol

Concen: 115.83 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :

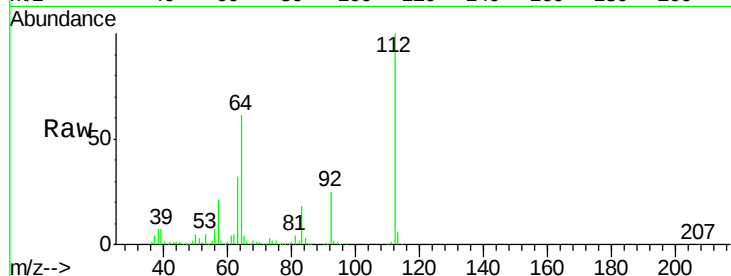
Tot Ion:112 Resp: 896487

Ion Ratio Lower Upper

112 100

64 60.5 52.1 78.1

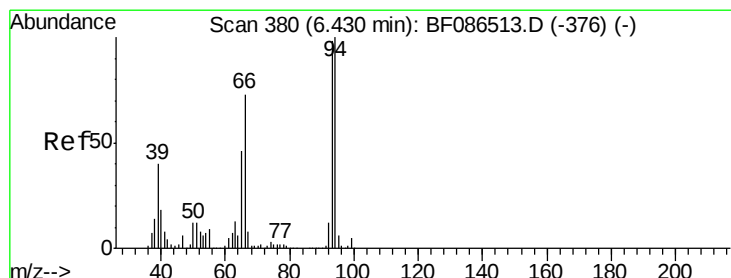
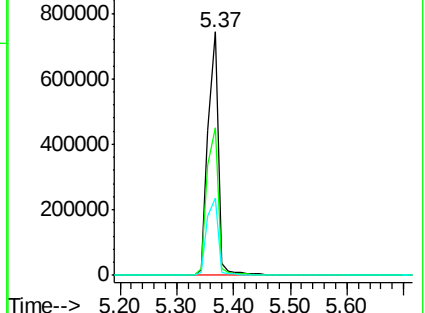
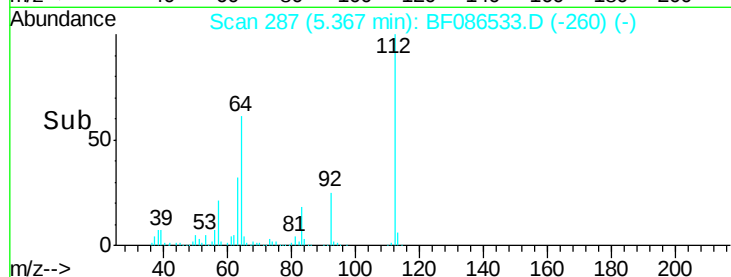
63 31.9 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.88 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

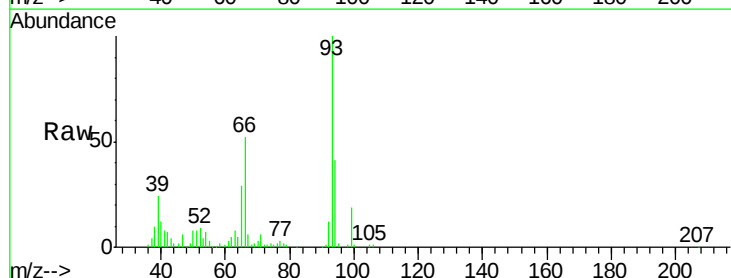
Tgt Ion: 93 Resp: 194503

Ion Ratio Lower Upper

93 100

66 52.4 39.0 58.6

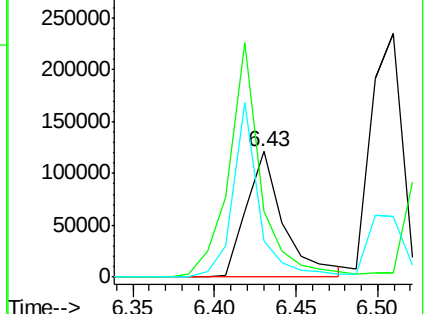
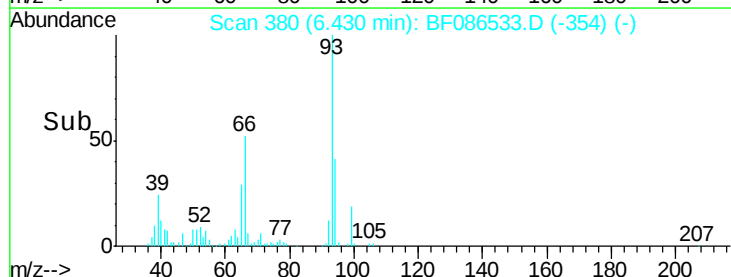
65 29.2 20.6 31.0

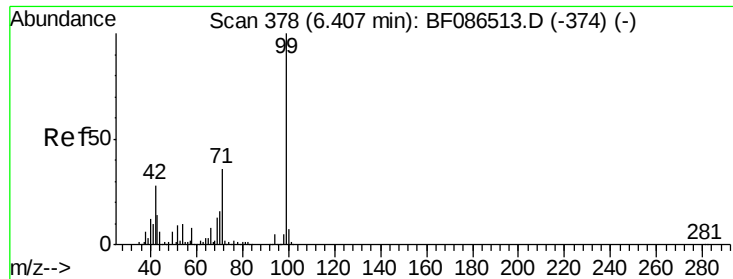


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 101.41 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

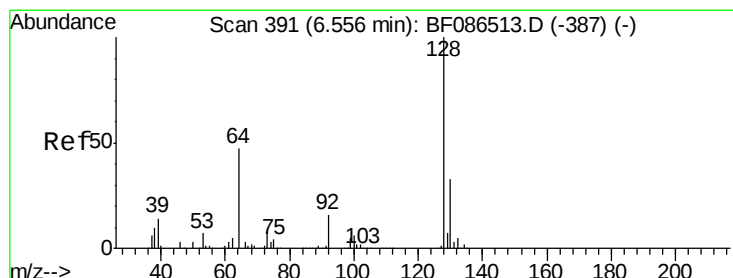
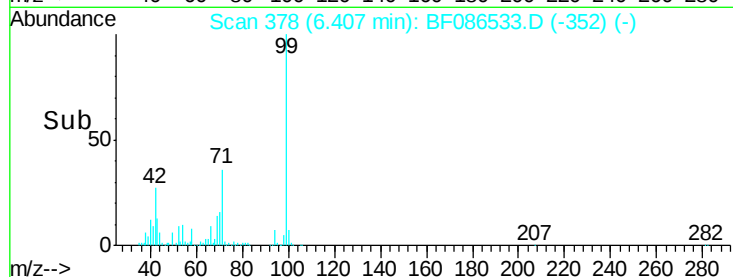
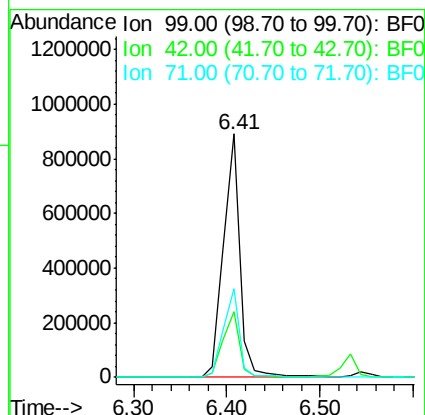
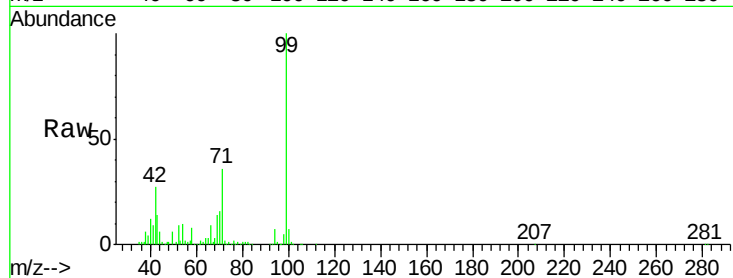
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1095495

Ion	Ratio	Lower	Upper
99	100		
42	27.0	13.6	20.4#
71	36.2	24.6	36.8



#8

2-Chlorophenol

Concen: 32.79 ng

RT: 6.54 min Scan# 390

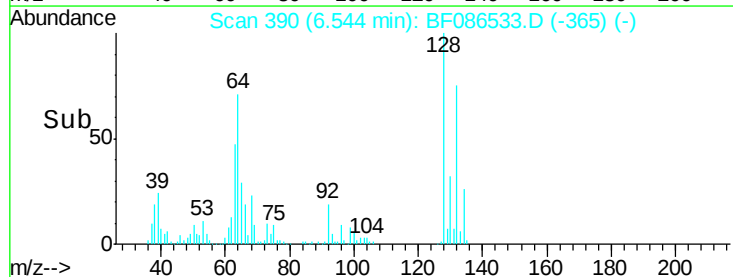
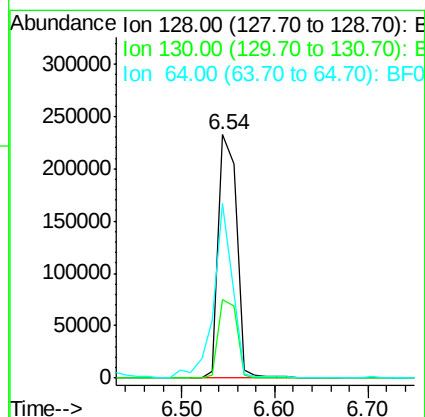
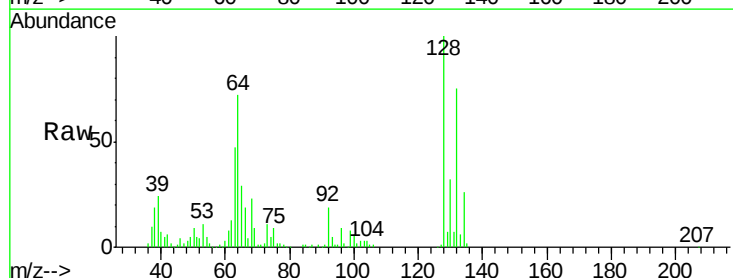
Delta R.T. -0.01 min

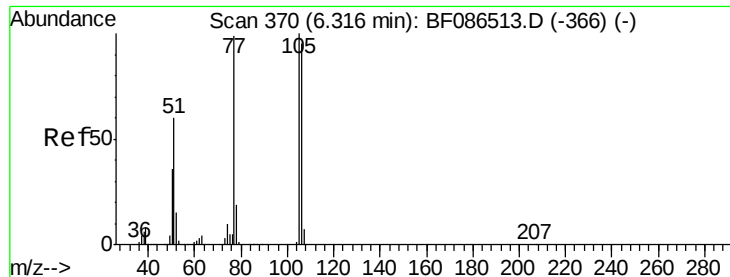
Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Tgt Ion: 128 Resp: 316126

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.5	52.5
64	71.6	27.3	67.3#





#9

Benzaldehyde

Concen: 5.86 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampled :

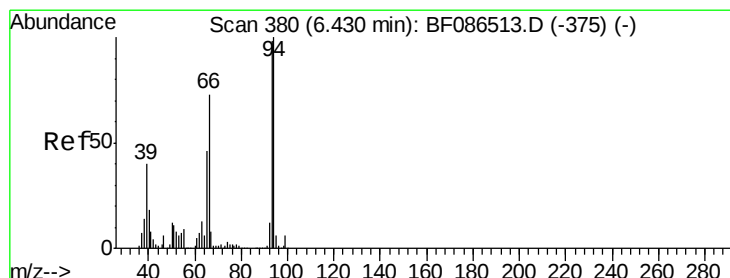
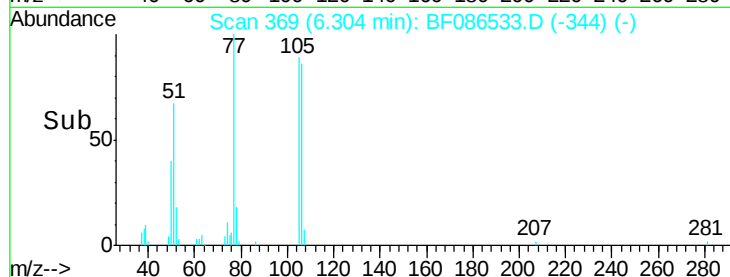
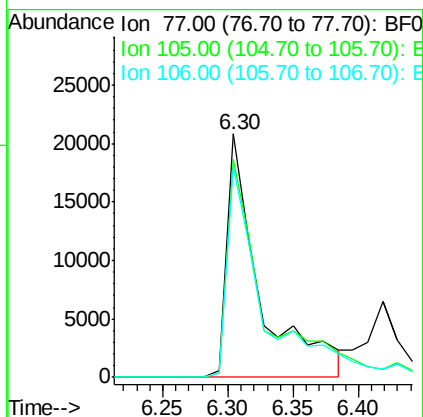
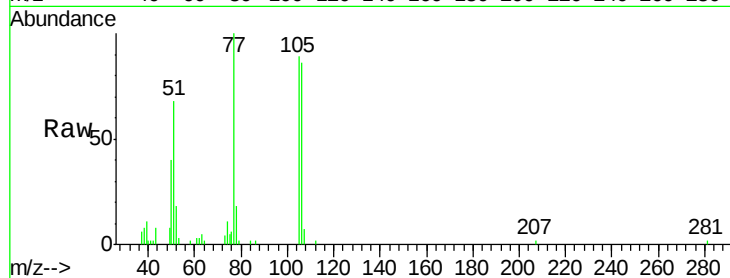
Tot Ion: 77 Resp: 36797

Ion Ratio Lower Upper

77 100

105 89.5 72.7 112.7

106 86.3 70.8 110.8



#10

Phenol

Concen: 36.25 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

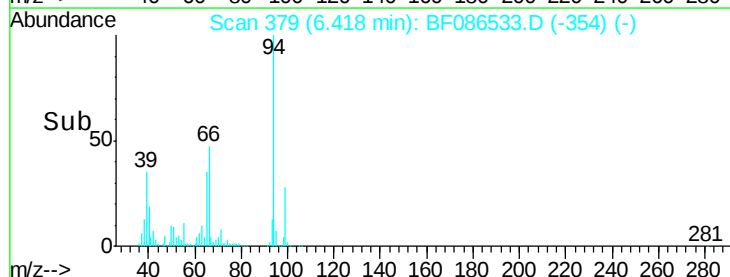
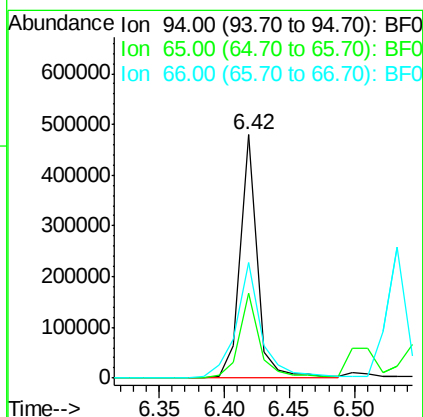
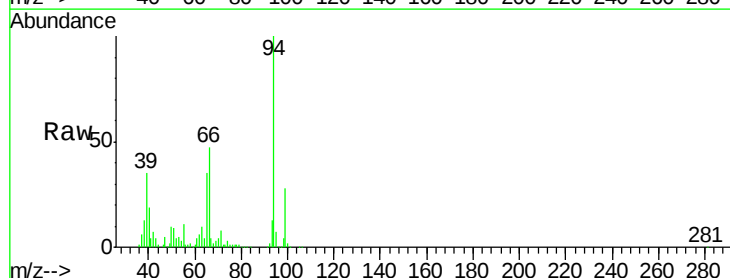
Tgt Ion: 94 Resp: 436876

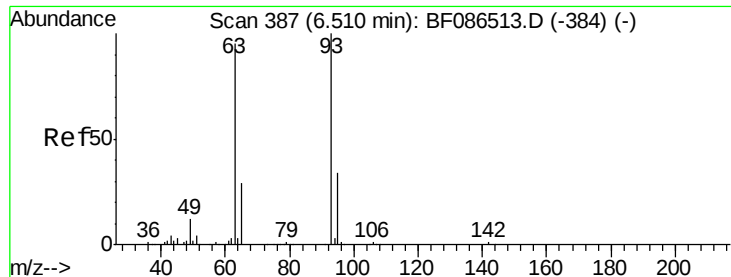
Ion Ratio Lower Upper

94 100

65 35.0 7.2 47.2

66 47.2 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 32.72 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampled :

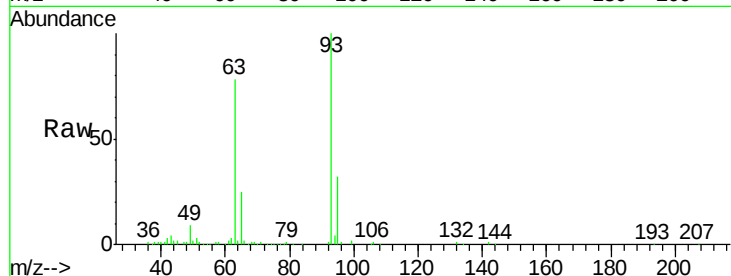
Tot Ion: 93 Resp: 340895

Ion Ratio Lower Upper

93 100

63 77.9 58.0 98.0

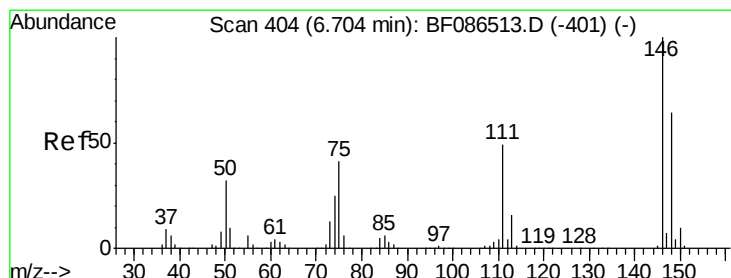
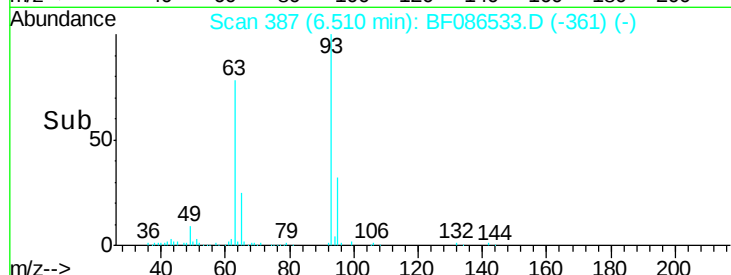
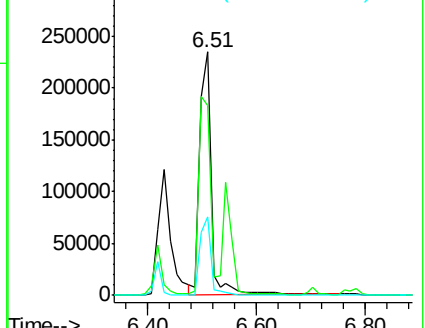
95 32.3 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 31.73 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

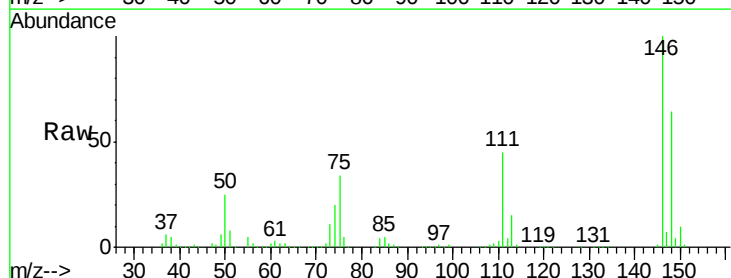
Tgt Ion: 146 Resp: 329000

Ion Ratio Lower Upper

146 100

148 64.1 52.4 78.6

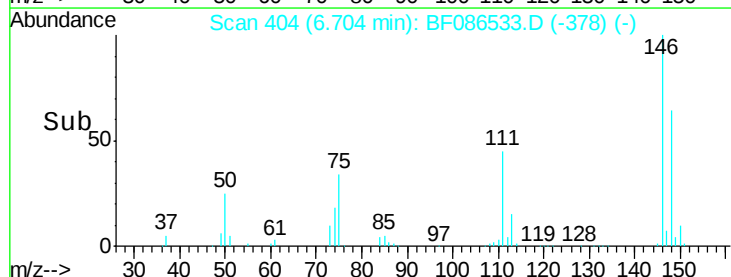
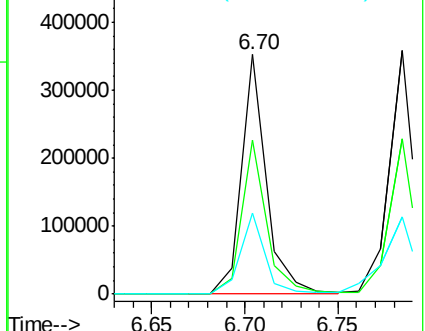
75 33.9 22.8 34.2

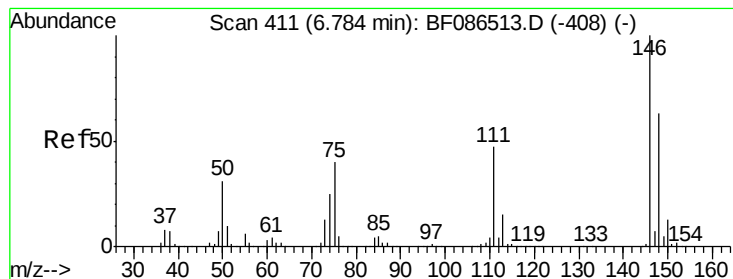


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 32.65 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampled :

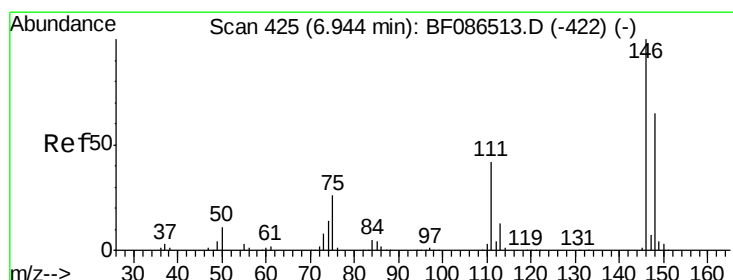
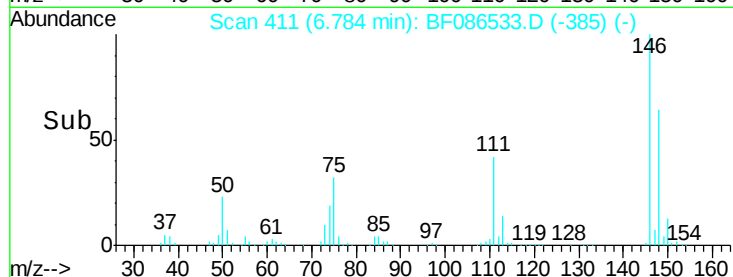
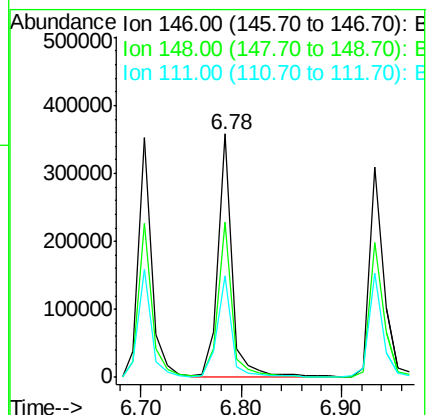
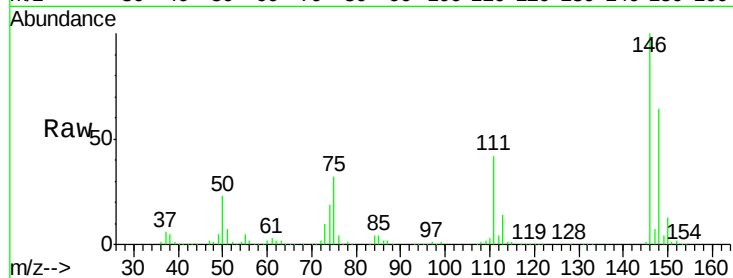
Tot Ion:146 Resp: 349369

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.4

111 41.9 30.7 46.1



#14

1,2-Dichlorobenzene

Concen: 32.80 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

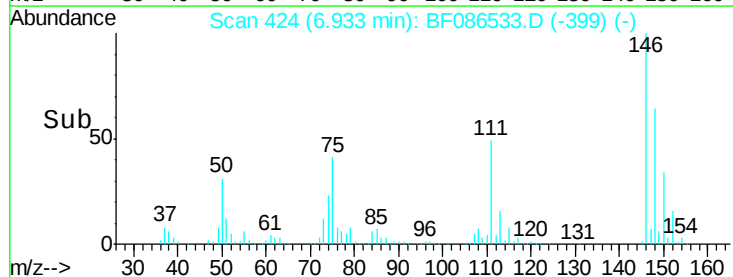
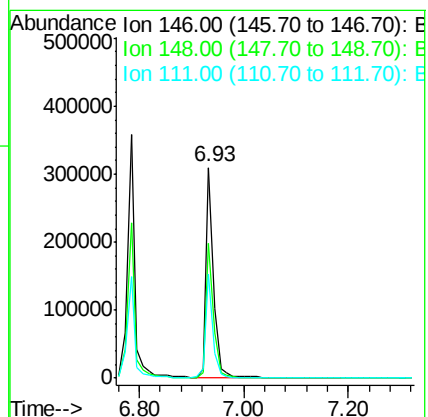
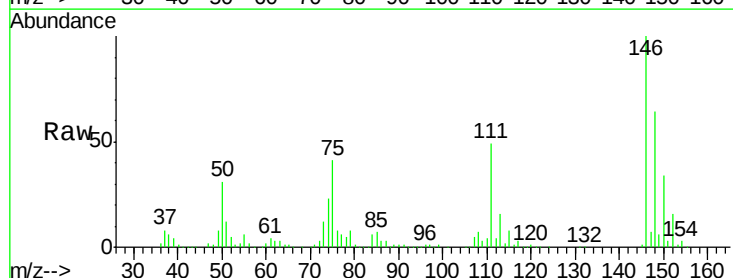
Tgt Ion:146 Resp: 321833

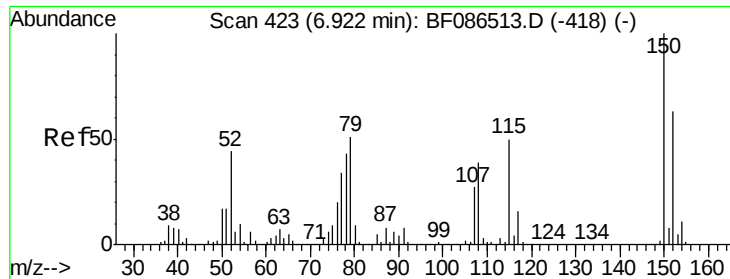
Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

111 49.4 36.2 54.4

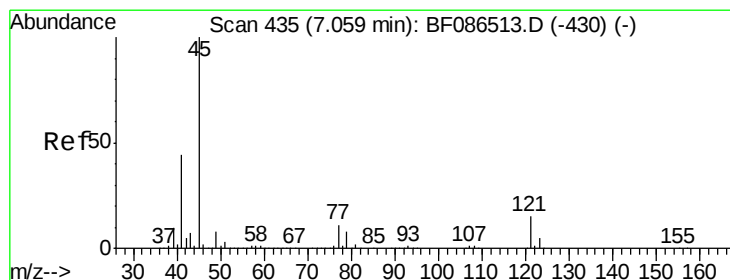
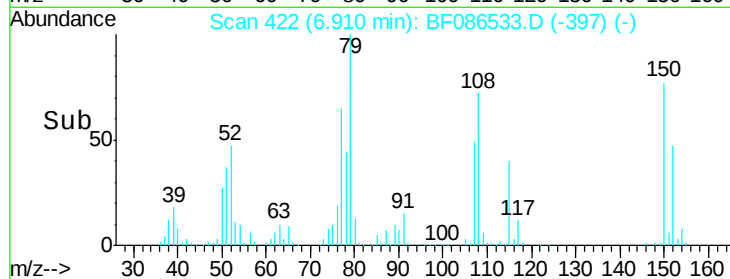
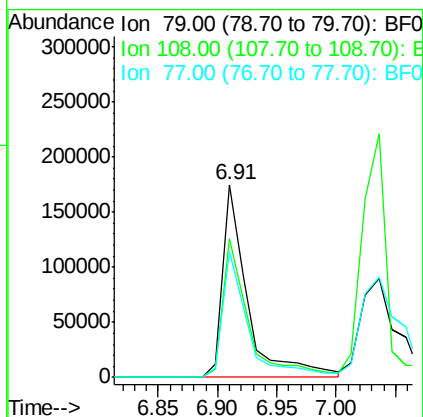
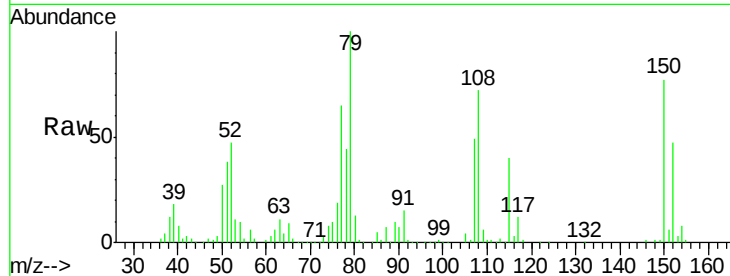




#15
Benzyl Alcohol
Concen: 36.89 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

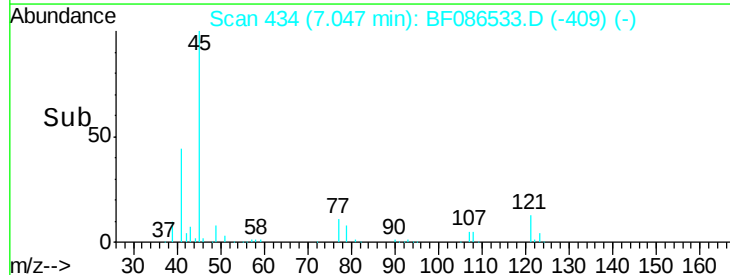
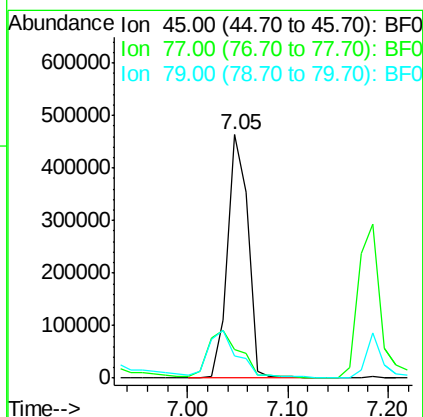
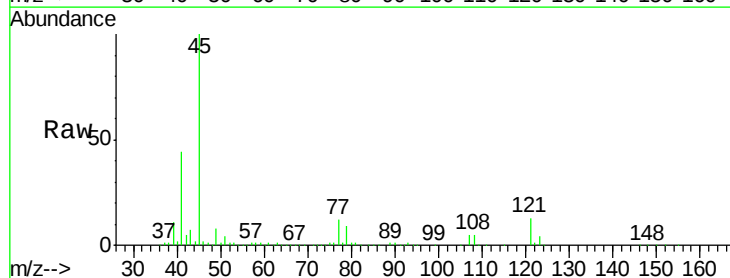
Instrument :
BNA_F
ClientSampled :

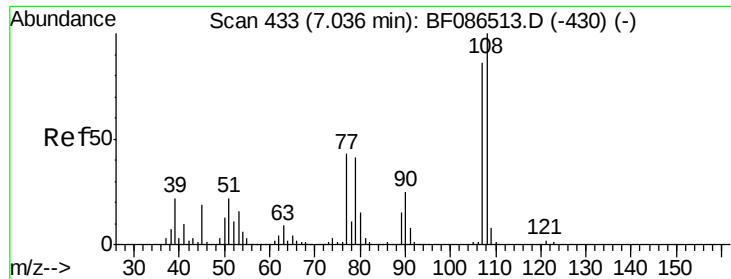
Tot Ion: 79 Resp: 252125
Ion Ratio Lower Upper
79 100
108 71.8 68.4 102.6
77 65.3 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.37 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion: 45 Resp: 654129
Ion Ratio Lower Upper
45 100
77 12.0 0.0 36.4
79 9.3 0.0 33.4

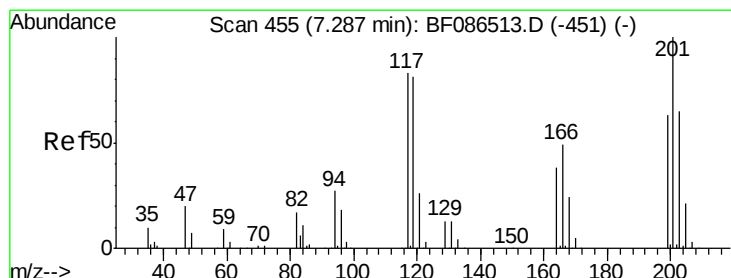
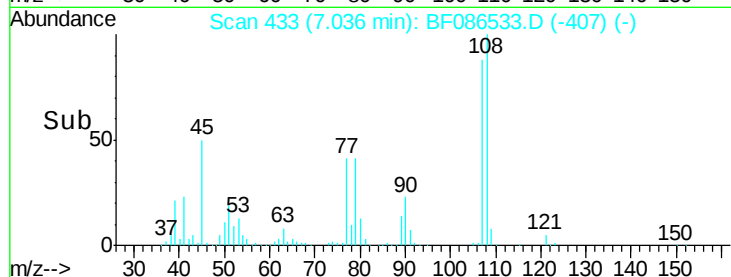
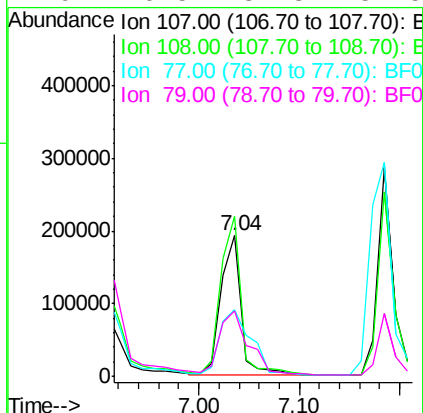
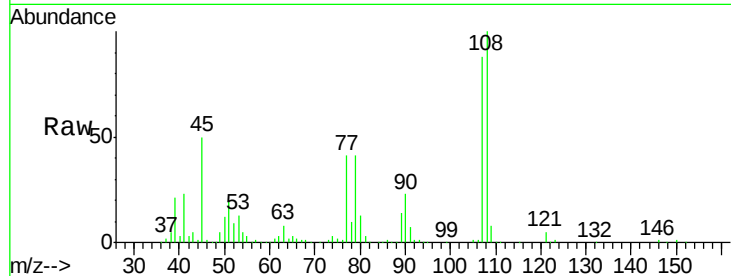




#17
2-Methylphenol
Concen: 34.70 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

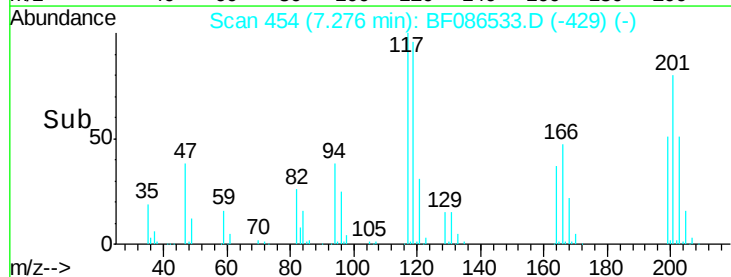
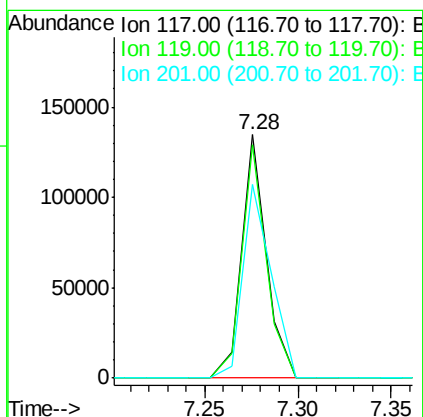
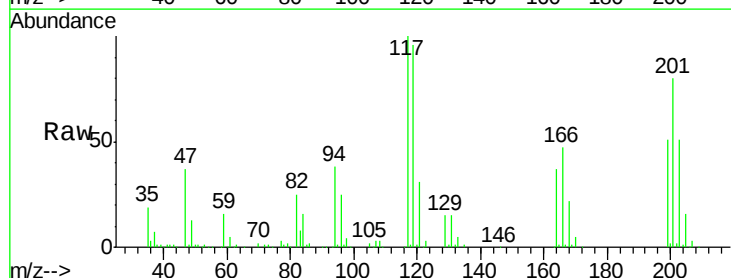
Instrument :
BNA_F
ClientSampled :

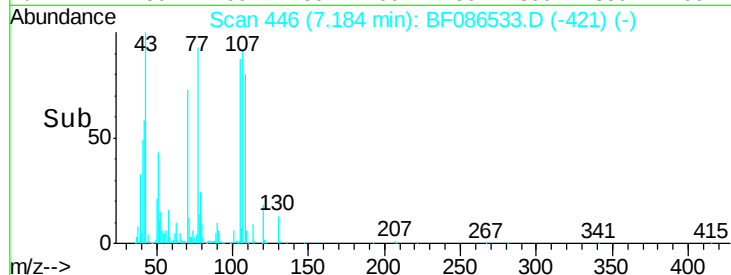
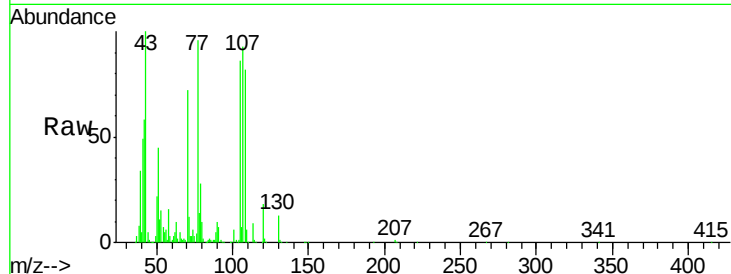
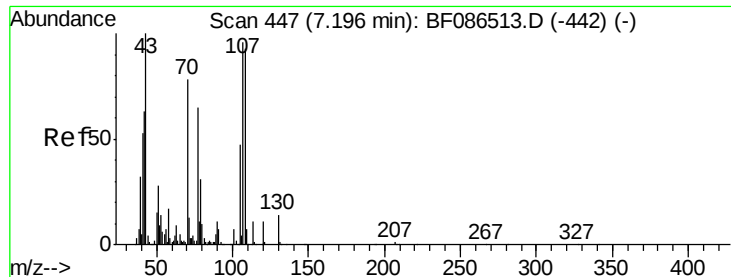
Tot Ion:107 Resp: 270377
Ion Ratio Lower Upper
107 100
108 114.0 93.7 140.5
77 47.1 33.4 50.0
79 46.5 34.3 51.5



#18
Hexachloroethane
Concen: 31.08 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion:117 Resp: 124246
Ion Ratio Lower Upper
117 100
119 95.9 76.5 114.7
201 79.7 63.0 94.6

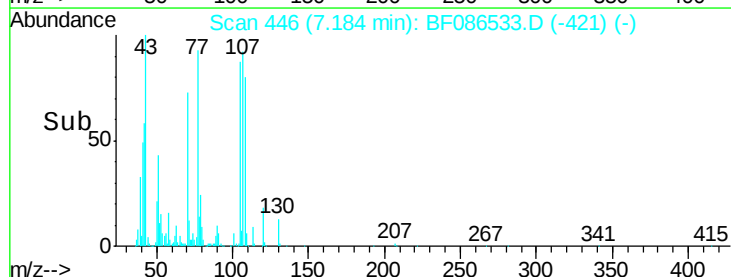
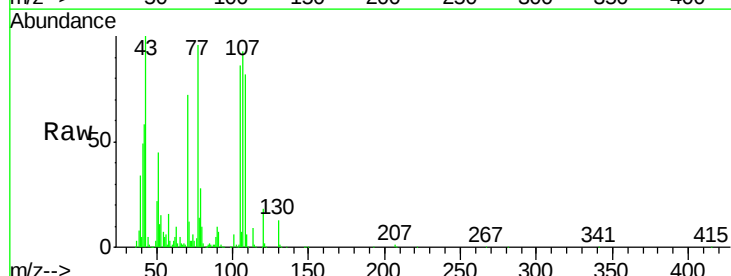
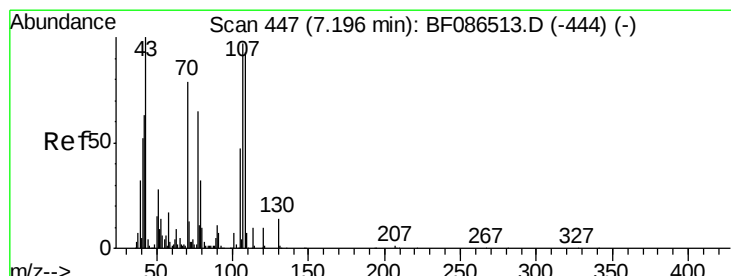
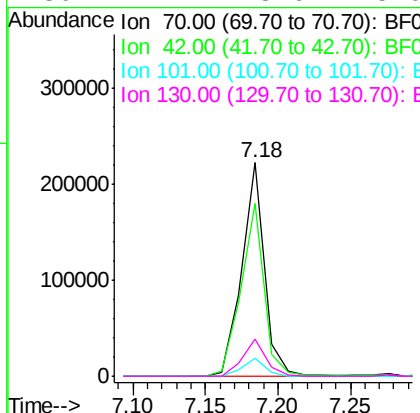




#19
n-Nitroso-di-n-propylamine
Concen: 33.69 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

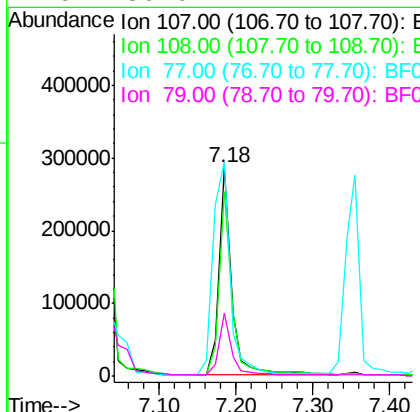
Instrument :
BNA_F
ClientSampleId :

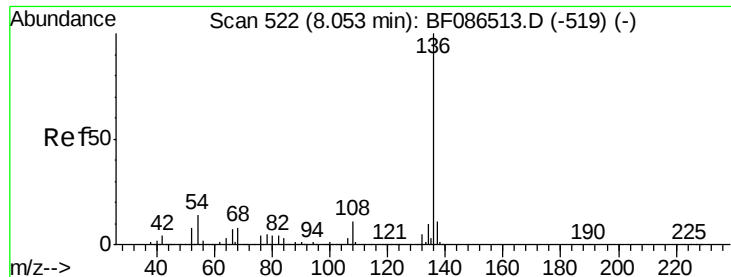
Tot Ion: 70 Resp: 240591
Ion Ratio Lower Upper
70 100
42 80.7 43.1 64.7#
101 8.4 8.1 12.1
130 17.4 18.6 28.0#



#20
3+4-Methylphenols
Concen: 36.87 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion:107 Resp: 328051
Ion Ratio Lower Upper
107 100
108 88.3 68.5 108.5
77 102.4 101.6 141.6
79 30.0 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 589455

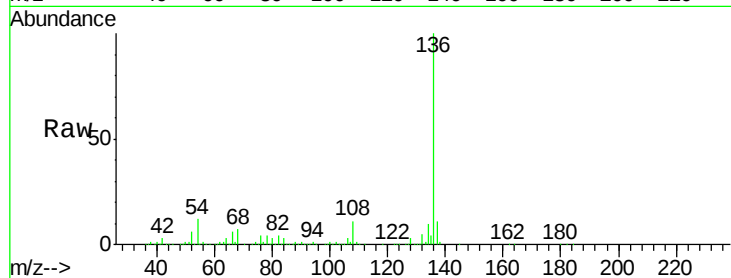
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.7 5.0 7.4#

68 6.9 4.4 6.6#

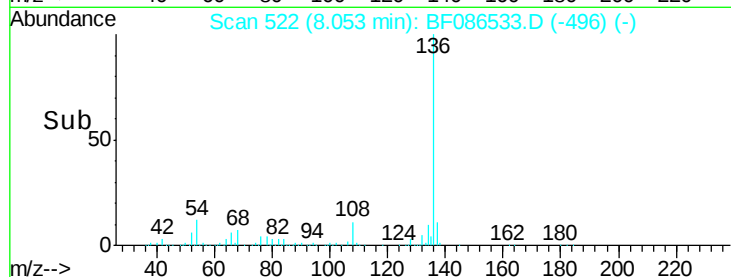


Abundance Ion 136.00 (135.70 to 136.70): E

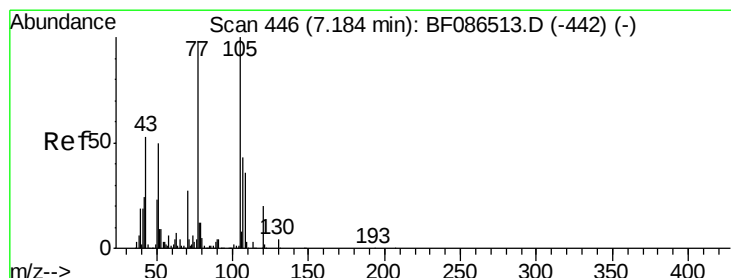
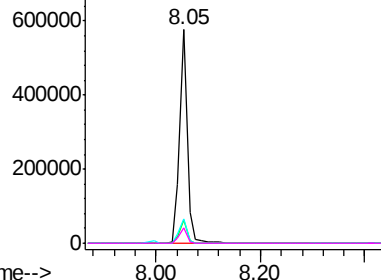
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 34.11 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Tgt Ion:105 Resp: 440915

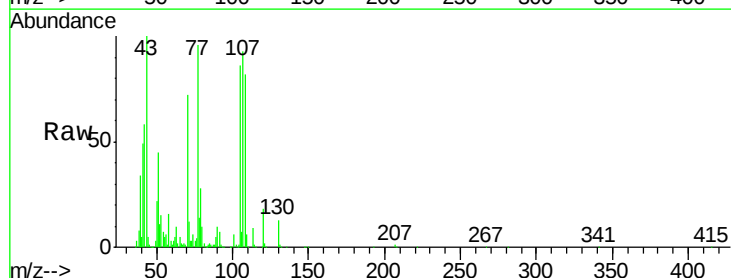
Ion Ratio Lower Upper

105 100

71 14.2 4.8 7.2#

51 51.7 32.6 49.0#

120 21.1 16.5 24.7

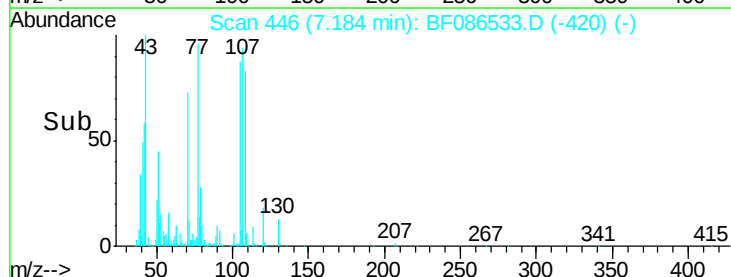


Abundance Ion 105.00 (104.70 to 105.70): E

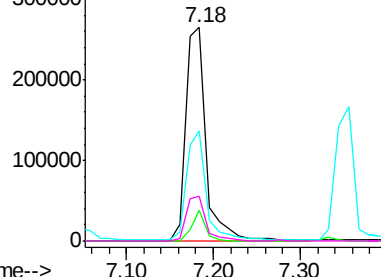
Ion 71.00 (70.70 to 71.70): BF0

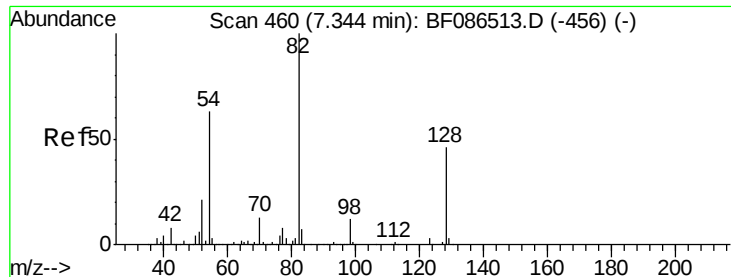
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

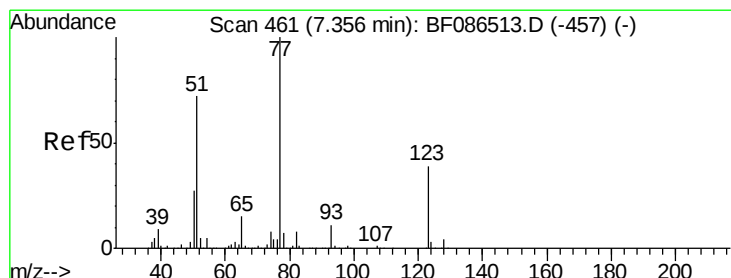
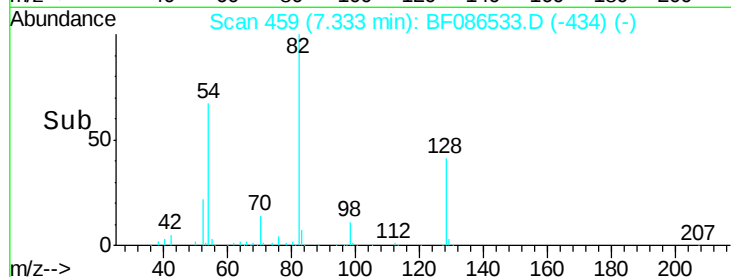
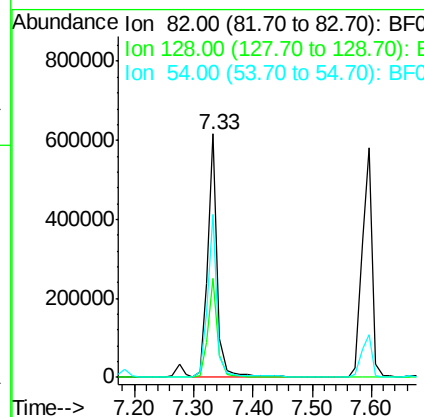
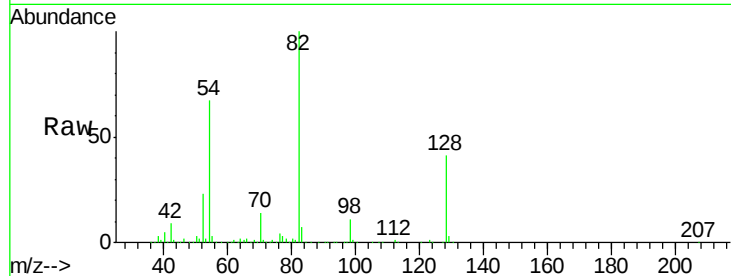




#23
 Nitrobenzene-d5
 Concen: 65.77 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

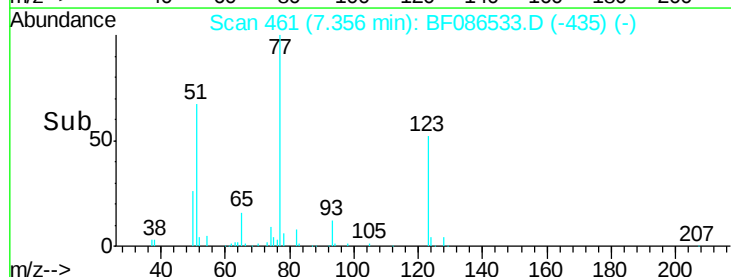
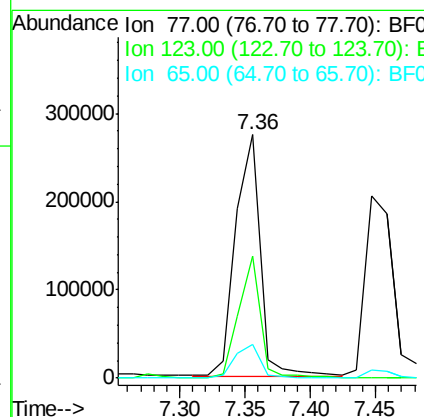
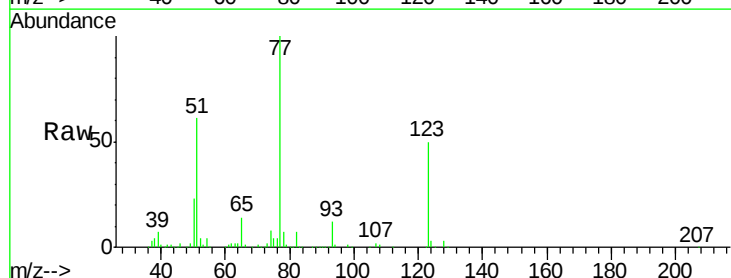
Instrument :
 BNA_F
 ClientSampleId :

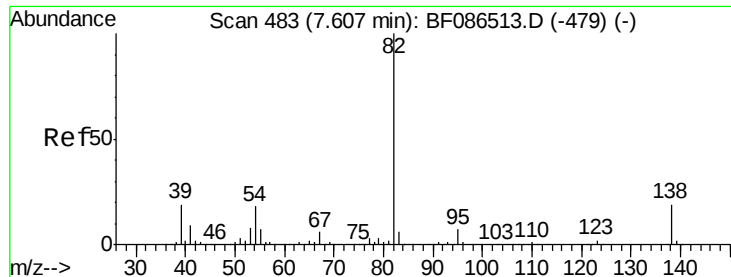
Tot Ion: 82 Resp: 719271
 Ion Ratio Lower Upper
 82 100
 128 40.8 40.6 61.0
 54 66.7 38.1 57.1#



#24
 Nitrobenzene
 Concen: 32.03 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion: 77 Resp: 360374
 Ion Ratio Lower Upper
 77 100
 123 50.1 33.0 49.4#
 65 13.6 10.8 16.2





#25

Isophorone

Concen: 32.10 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

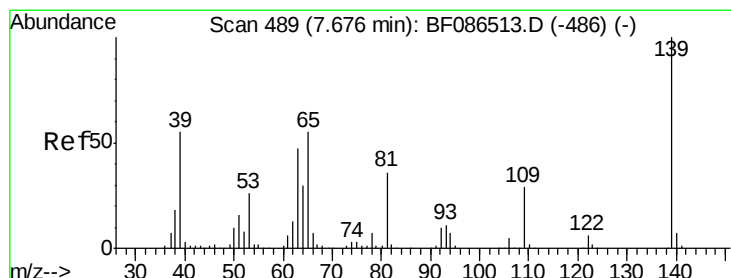
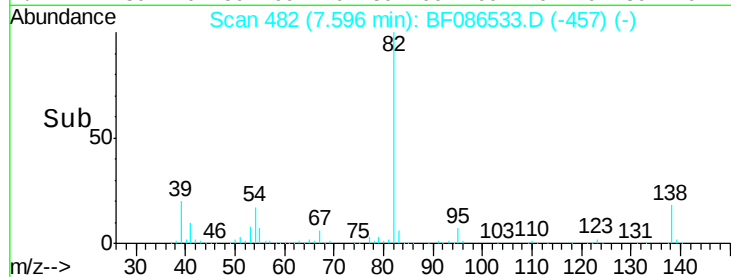
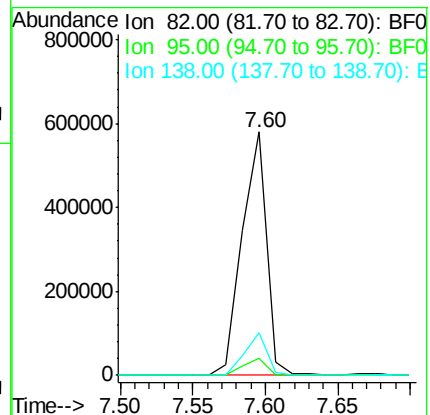
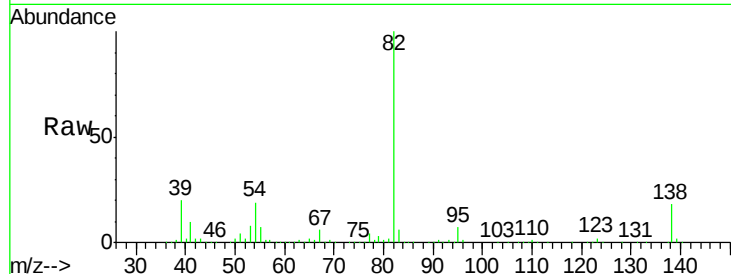
Tot Ion: 82 Resp: 675588

Ion Ratio Lower Upper

82 100

95 6.9 5.1 7.7

138 17.7 12.4 18.6



#26

2-Nitrophenol

Concen: 32.58 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

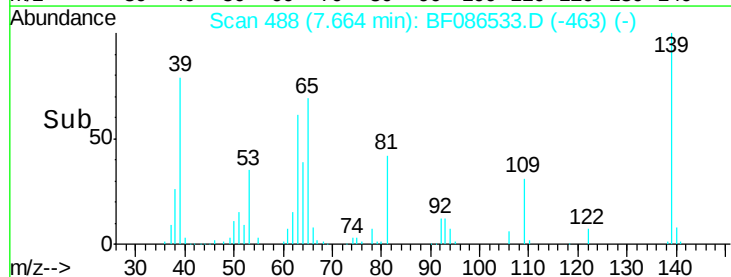
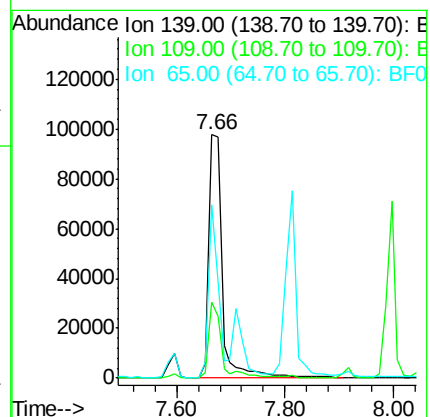
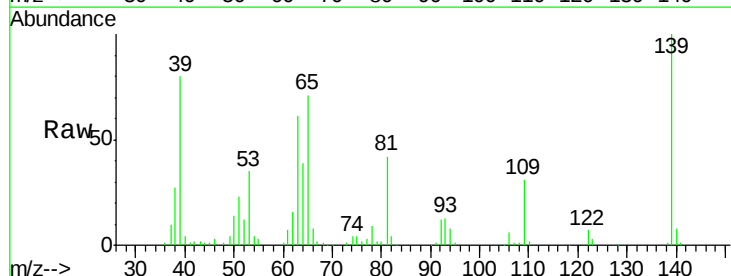
Tgt Ion: 139 Resp: 168731

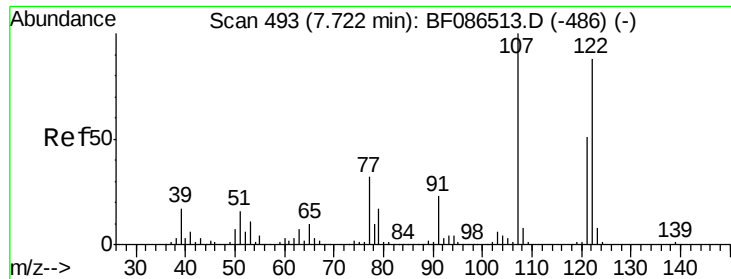
Ion Ratio Lower Upper

139 100

109 31.4 19.5 29.3#

65 71.0 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 32.29 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampled :

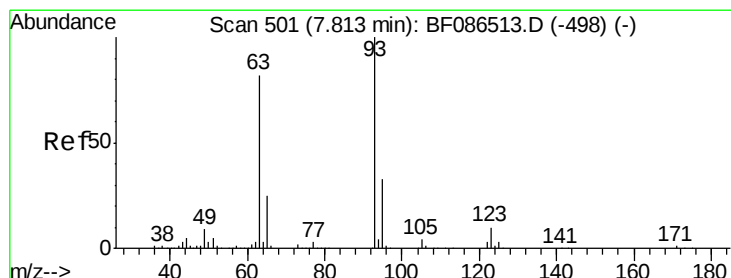
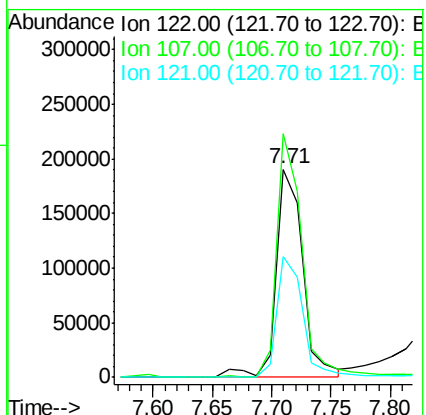
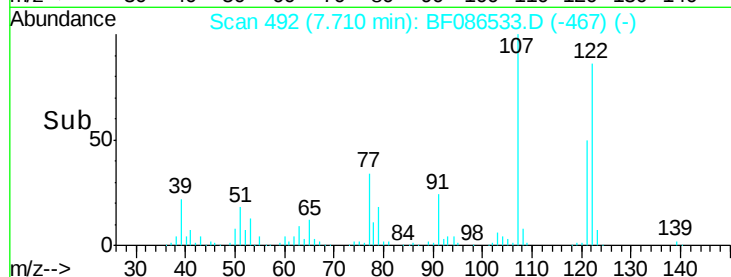
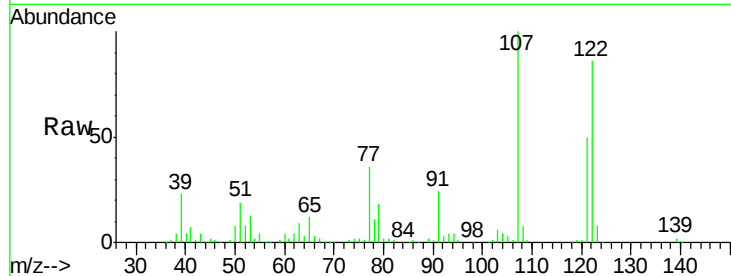
Tot Ion:122 Resp: 293455

Ion Ratio Lower Upper

122 100

107 117.0 82.0 123.0

121 58.1 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 34.79 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

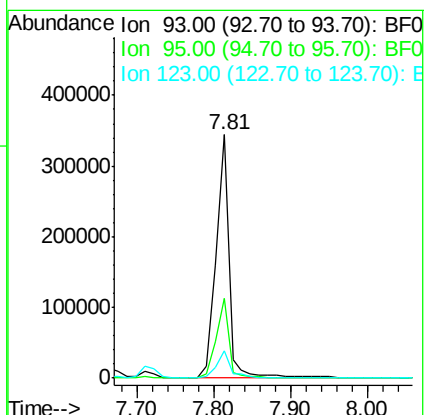
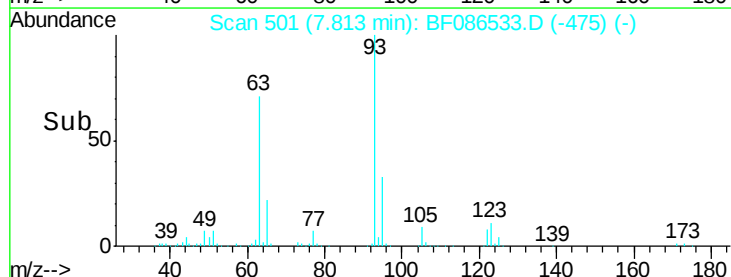
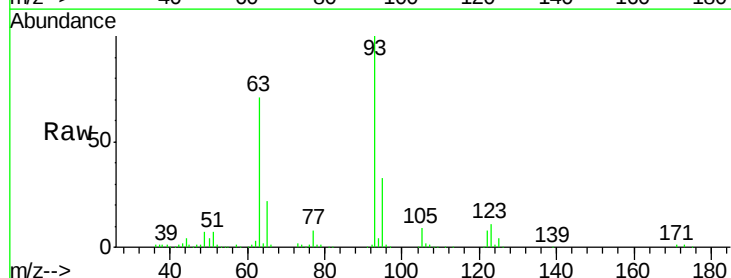
Tgt Ion: 93 Resp: 398950

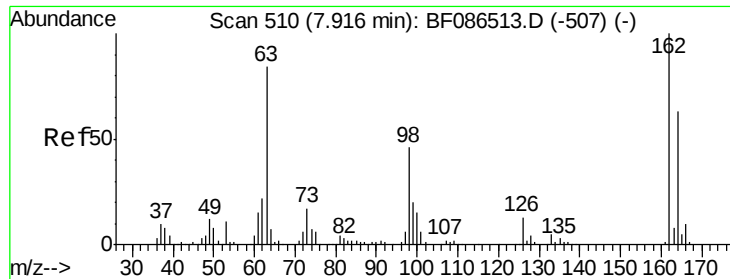
Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

123 11.5 9.5 14.3

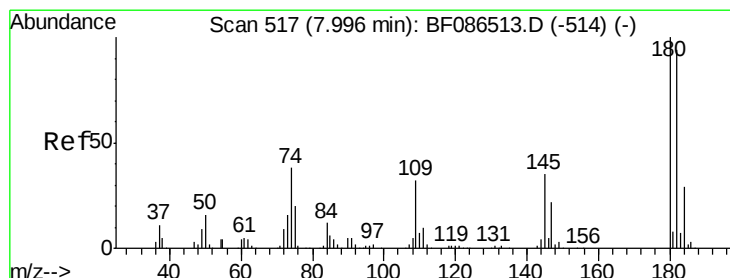
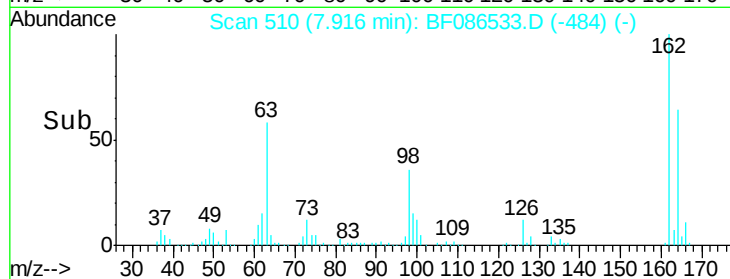
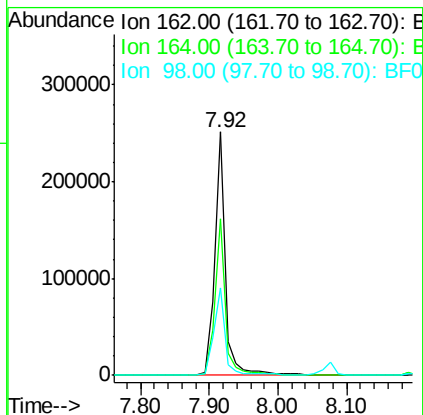
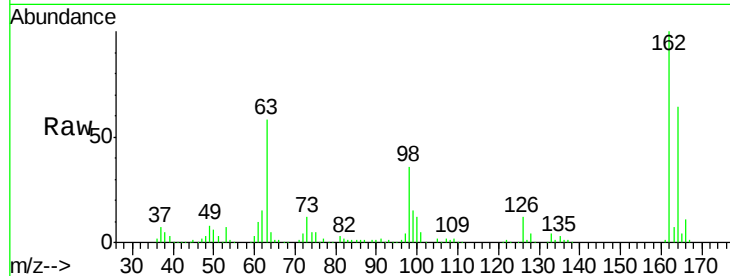




#29
 2,4-Dichlorophenol
 Concen: 36.33 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

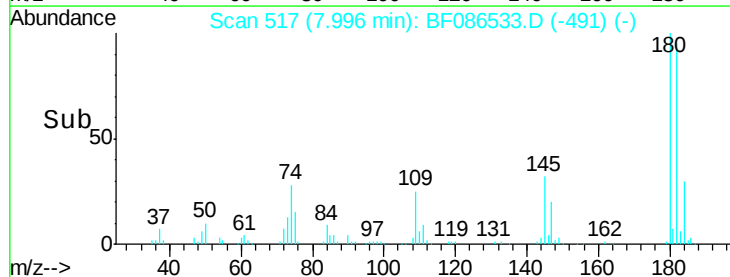
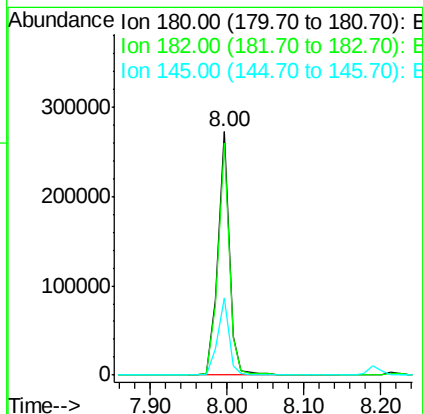
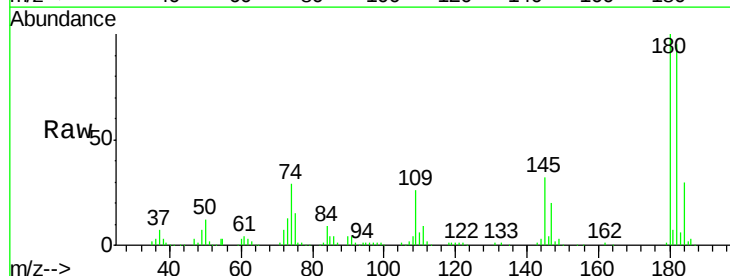
Instrument :
 BNA_F
 ClientSampleId :

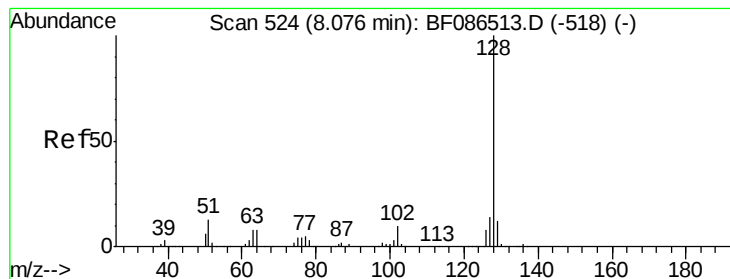
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.2	82.2
98	36.0	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 32.24 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.0	117.0
145	31.7	24.2	36.2





#31

Naphthalene

Concen: 33.05 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

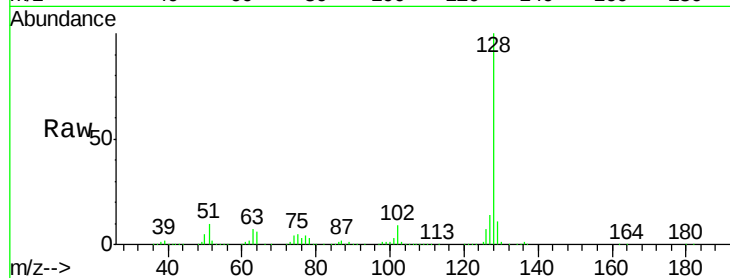
Tot Ion:128 Resp: 991228

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

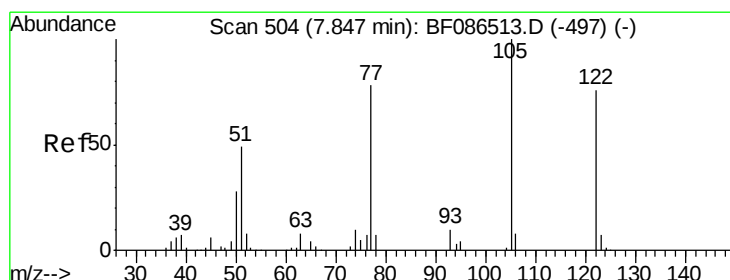
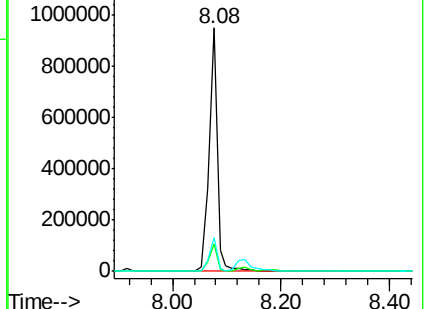
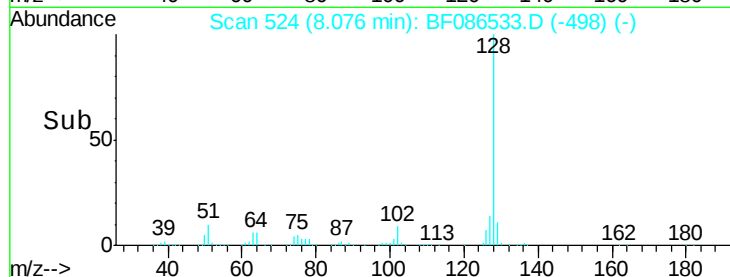
127 13.6 10.8 16.2



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: 28.63 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

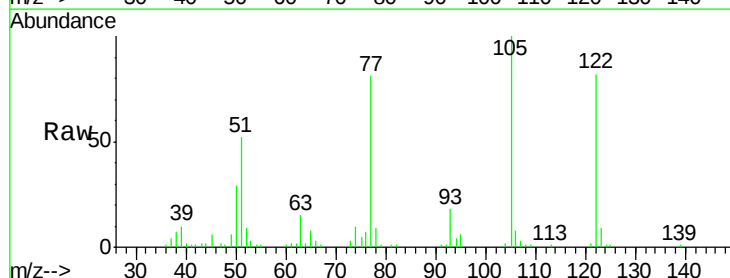
Tgt Ion:122 Resp: 133693

Ion Ratio Lower Upper

122 100

105 121.7 92.6 132.6

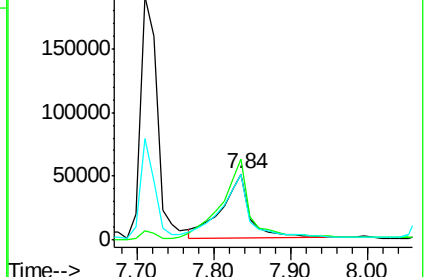
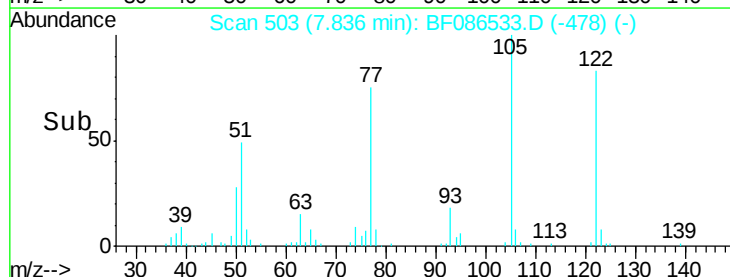
77 98.3 60.0 100.0

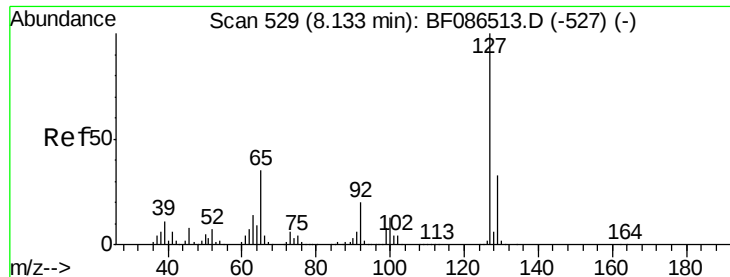


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

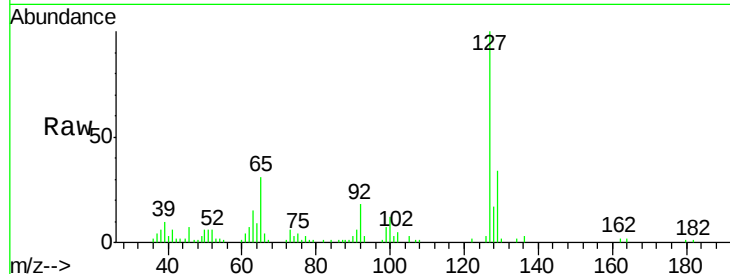




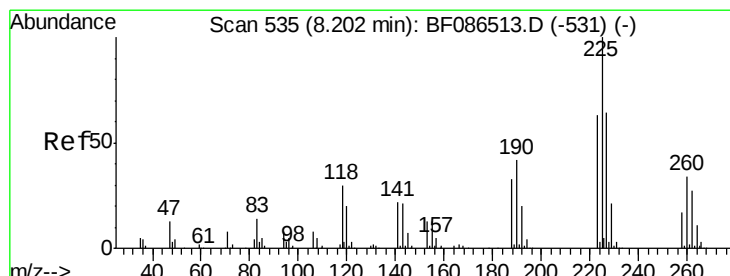
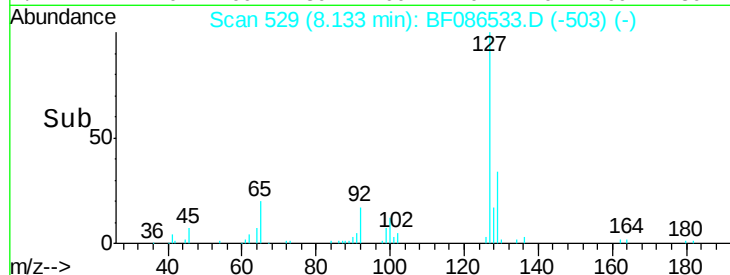
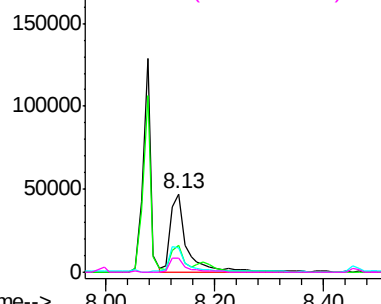
#33
4-Chloroaniline
Concen: 8.74 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	98143
Ion Ratio	Lower	Upper
127	100	
129	33.7	26.2 39.4
65	30.6	23.0 34.4
92	18.2	15.1 22.7

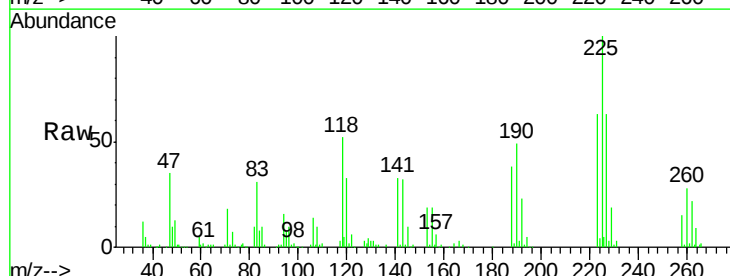


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

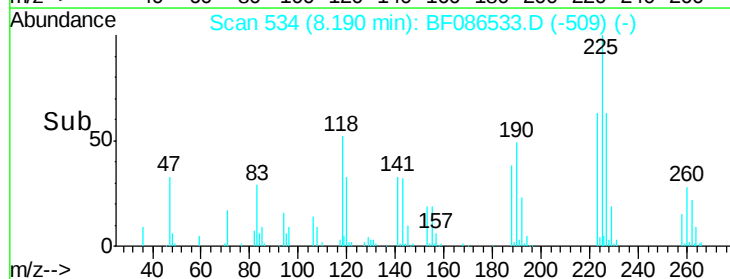
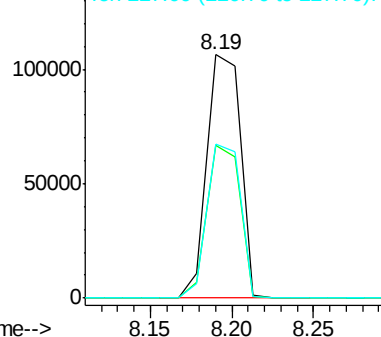


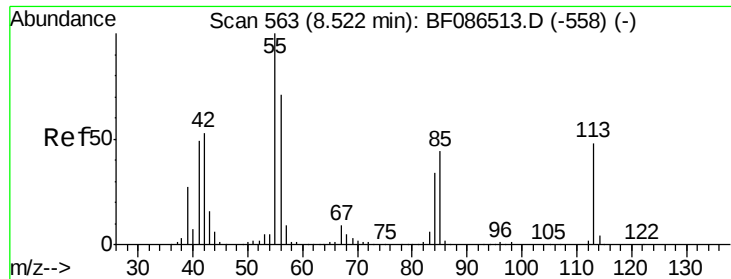
#34
Hexachlorobutadiene
Concen: 30.27 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion:225	Resp:	150950
Ion Ratio	Lower	Upper
225	100	
223	63.0	51.5 77.3
227	63.0	52.2 78.2



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: 34.56 ng

RT: 8.49 min Scan# 560

Delta R.T. -0.03 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

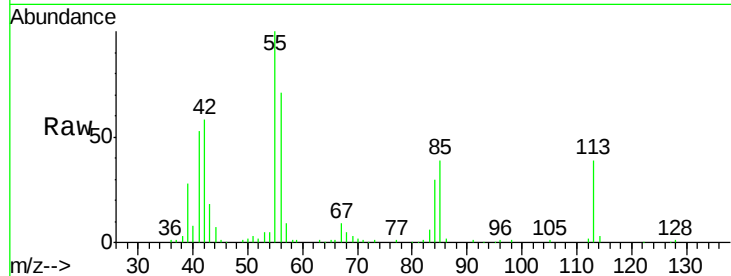
Tot Ion:113 Resp: 88413

Ion Ratio Lower Upper

113 100

55 256.3 162.0 202.0#

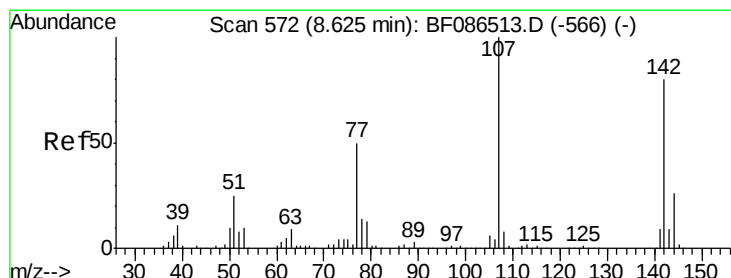
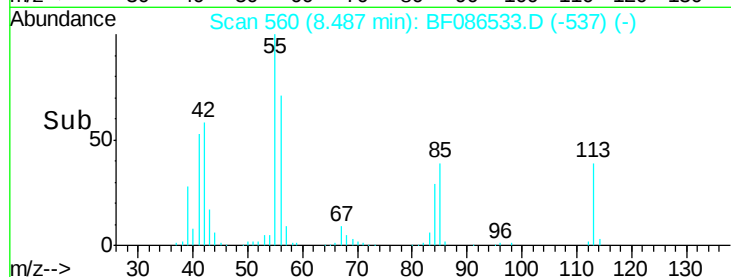
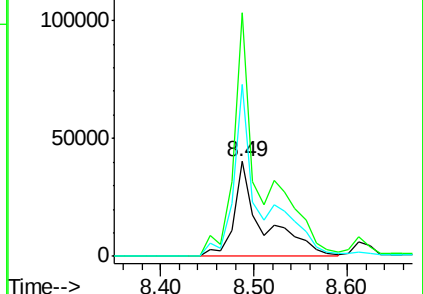
56 181.2 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 33.94 ng

RT: 8.61 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

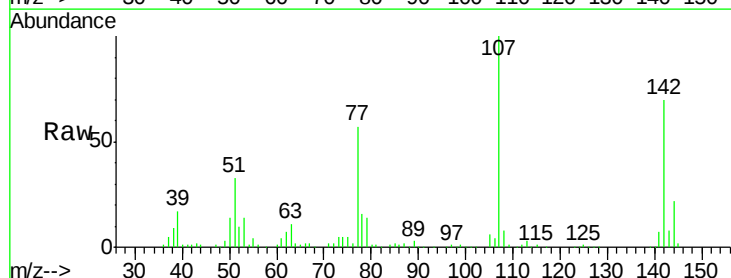
Tgt Ion:107 Resp: 297955

Ion Ratio Lower Upper

107 100

144 21.8 20.7 31.1

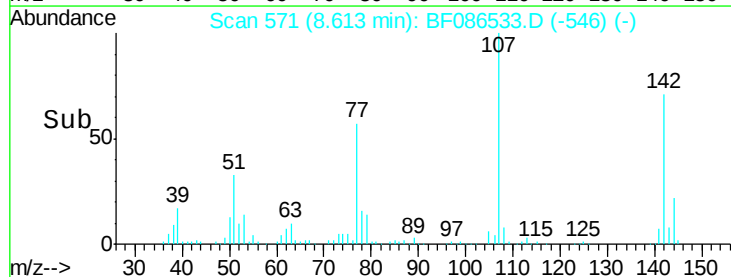
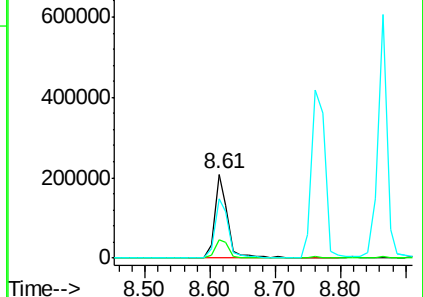
142 70.5 63.2 94.8

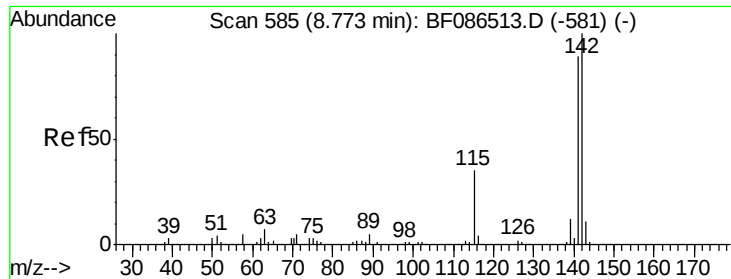


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

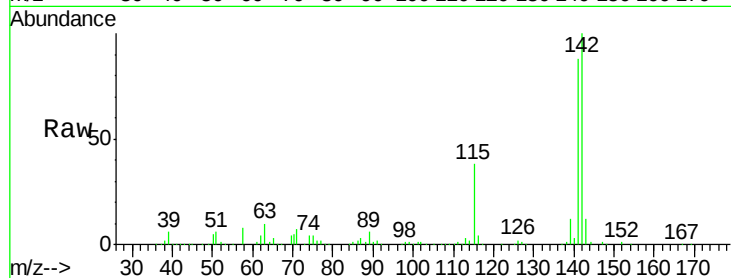




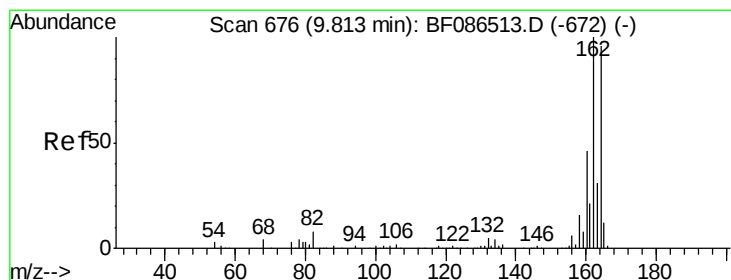
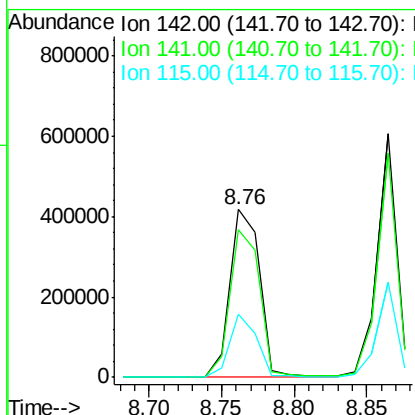
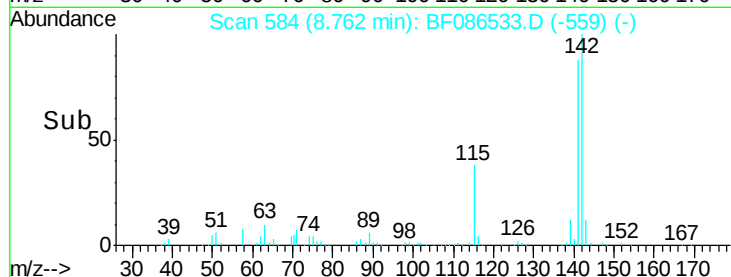
#37
2-Methylnaphthalene
Concen: 33.76 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 597449
Ion Ratio Lower Upper
142 100
141 87.8 71.0 106.6
115 37.7 26.6 39.8

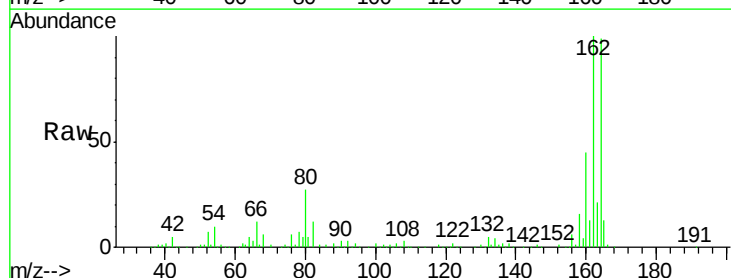


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

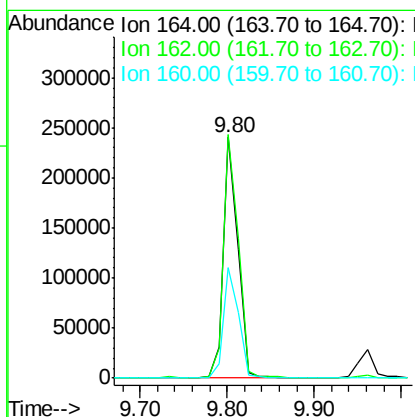
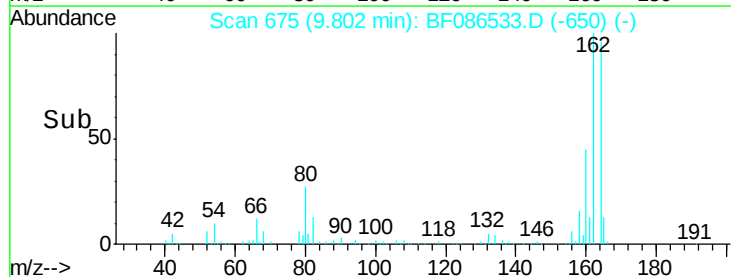


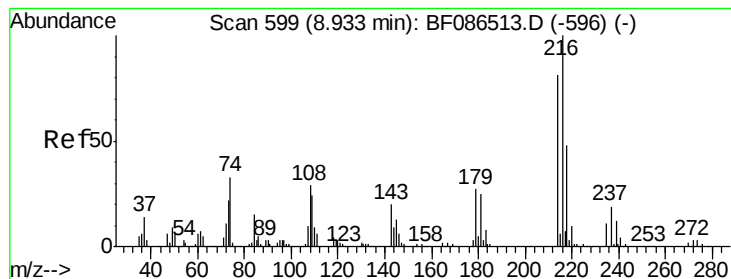
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion:164 Resp: 284978
Ion Ratio Lower Upper
164 100
162 101.0 82.8 124.2
160 45.6 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.80 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 251262

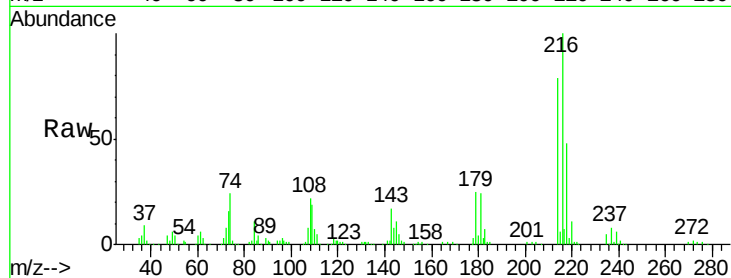
Ion Ratio Lower Upper

216 100

214 79.1 62.6 93.8

179 23.8 18.2 27.4

108 26.3 17.5 26.3

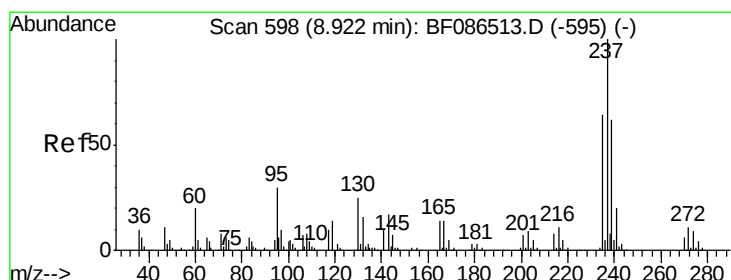
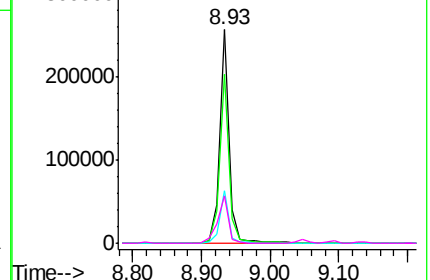
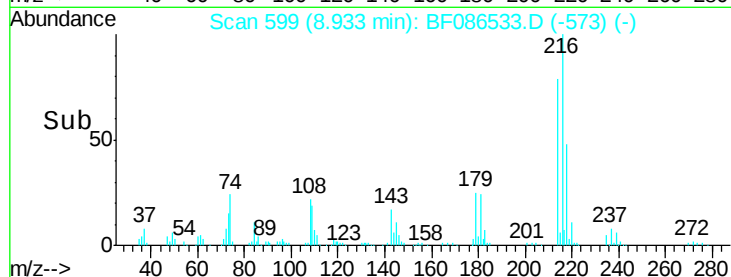


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 63.72 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

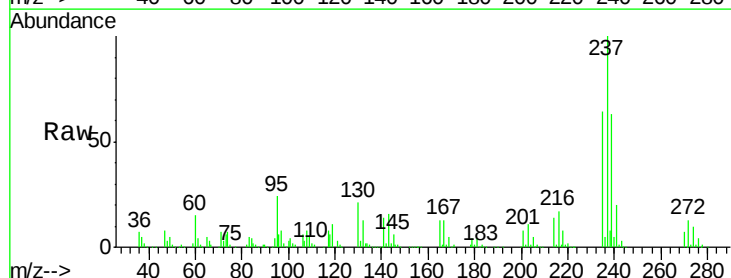
Tgt Ion:237 Resp: 258306

Ion Ratio Lower Upper

237 100

235 63.9 47.2 87.2

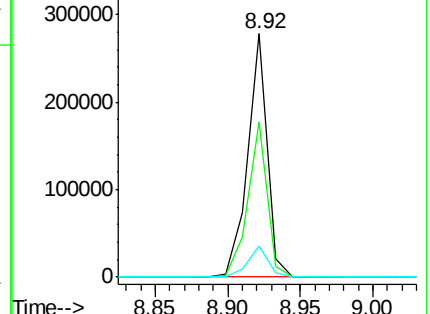
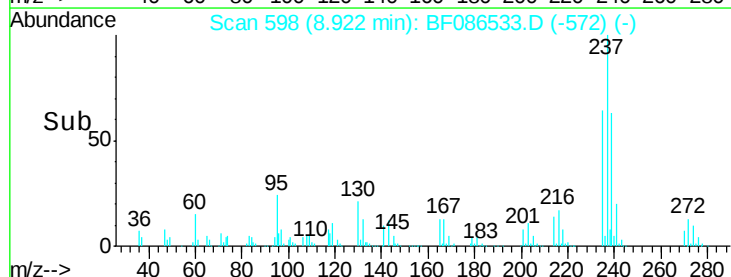
272 12.8 0.0 31.1

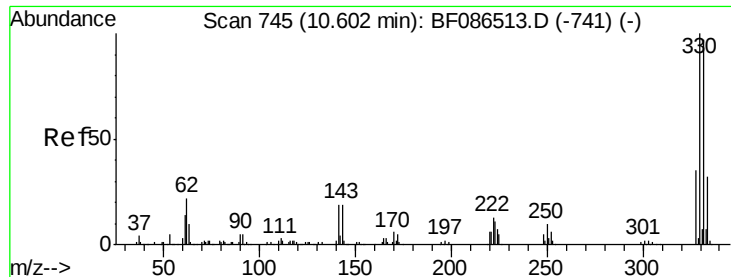


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

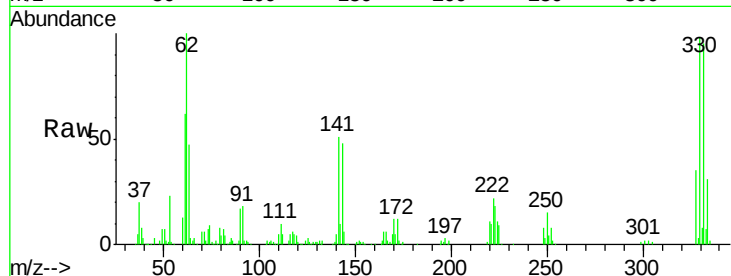




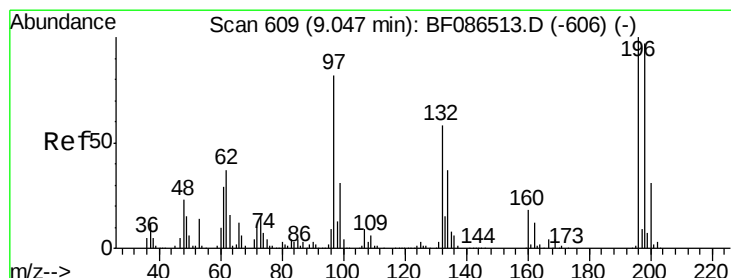
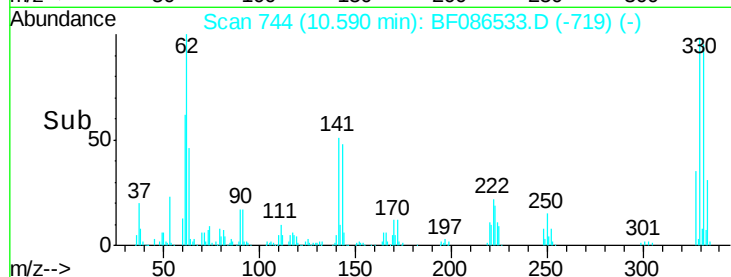
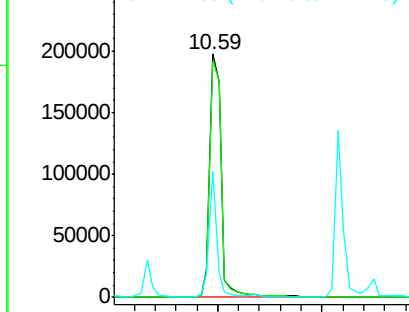
#41
 2,4,6-Tribromophenol
 Concen: 101.02 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 303592
 Ion Ratio Lower Upper
 330 100
 332 97.8 79.0 118.4
 141 33.8 31.2 46.8

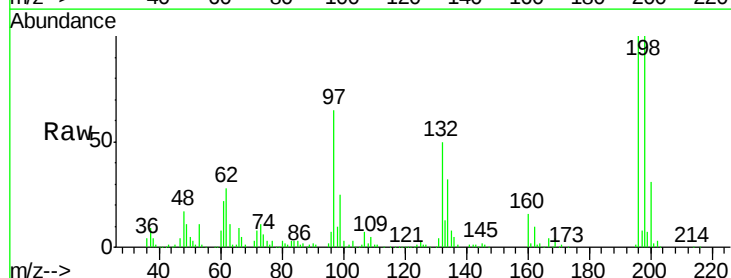


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

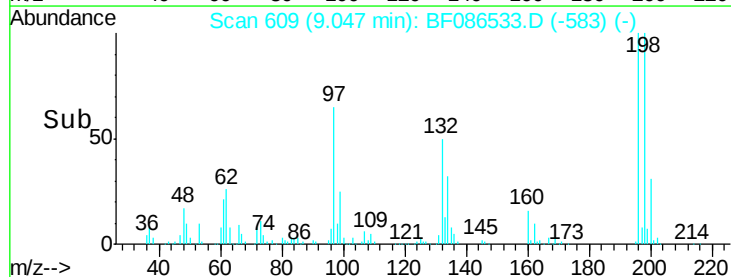
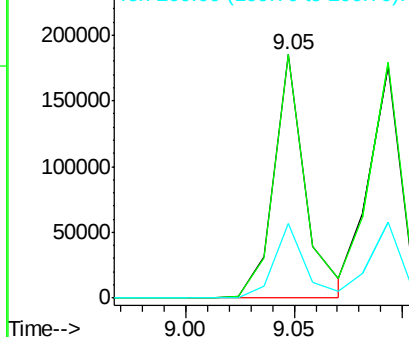


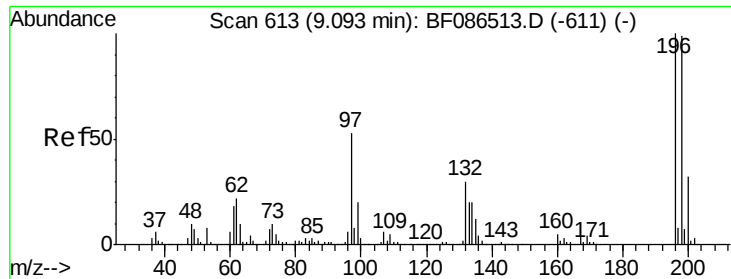
#42
 2,4,6-Trichlorophenol
 Concen: 36.18 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion:196 Resp: 186551
 Ion Ratio Lower Upper
 196 100
 198 100.1 74.7 112.1
 200 30.9 23.8 35.6



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

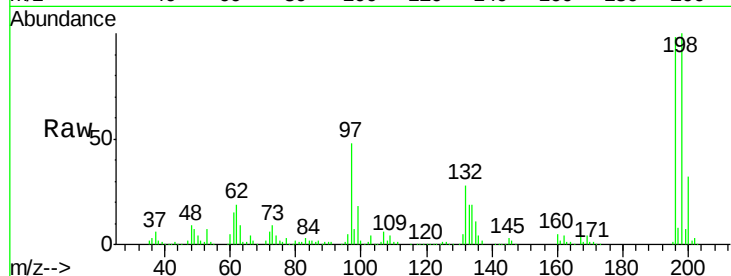




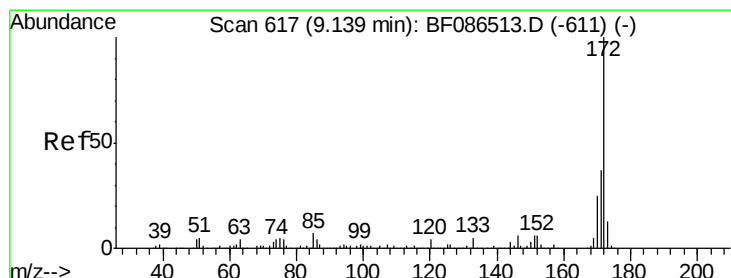
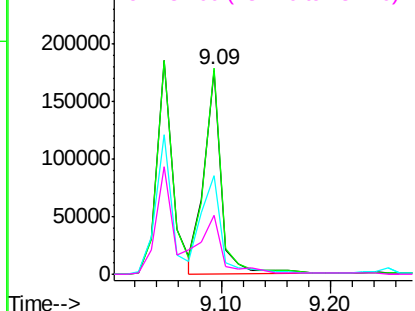
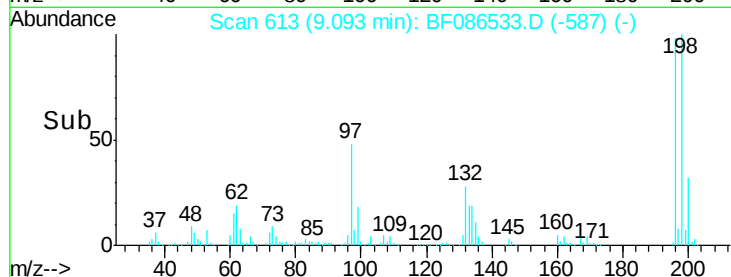
#43
 2,4,5-Trichlorophenol
 Concen: 34.06 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	101.5	77.5	116.3	
97	48.7	34.8	52.2	
132	28.8	23.0	34.4	

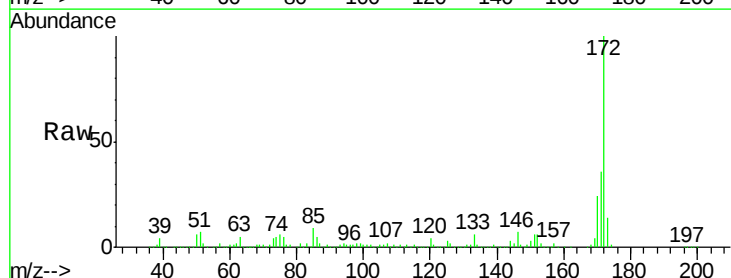


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

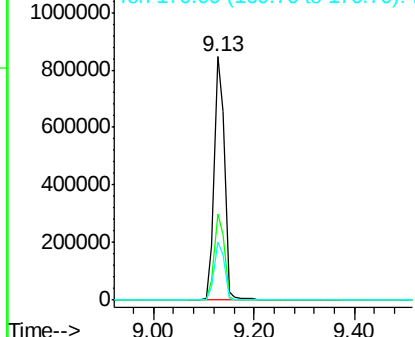
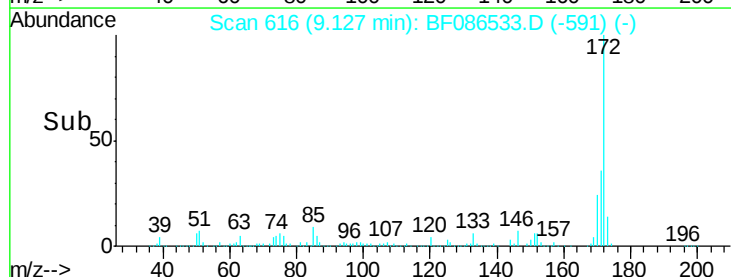


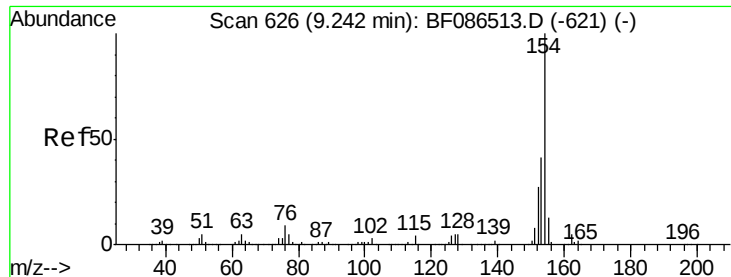
#44
 2-Fluorobiphenyl
 Concen: 71.93 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.7	29.0	43.6	
170	24.1	19.8	29.8	



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

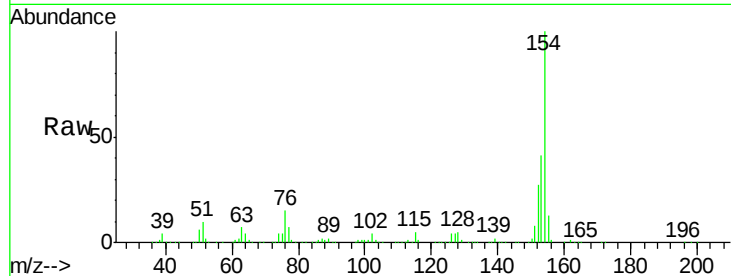




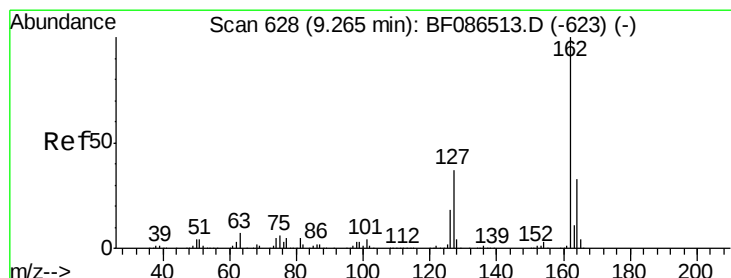
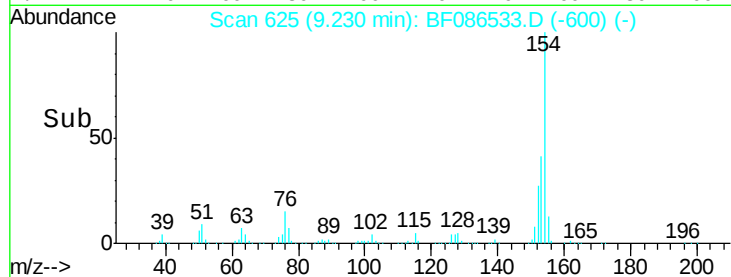
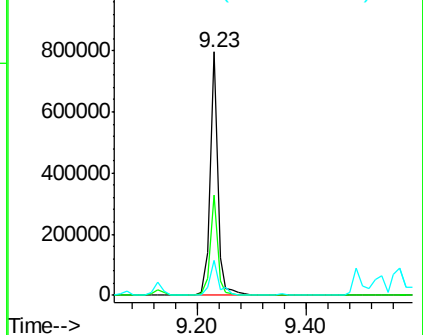
#45
 1,1'-Biphenyl
 Concen: 32.91 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.3	60.3
76	14.6	0.0	30.2

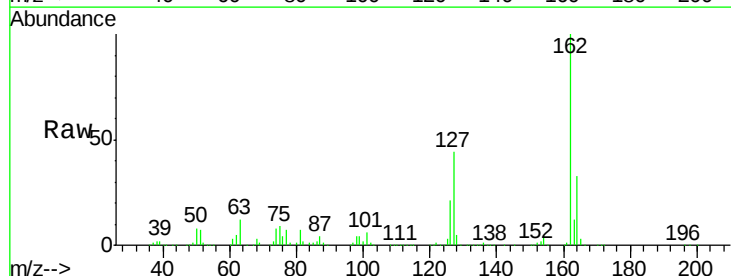


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

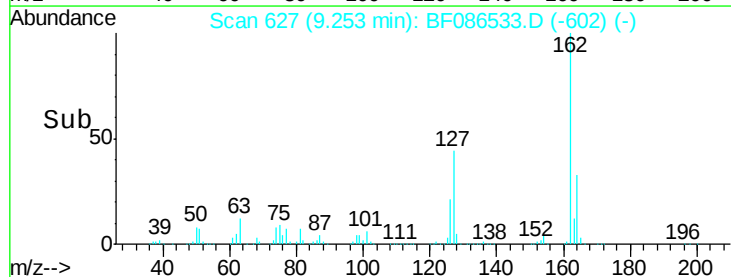
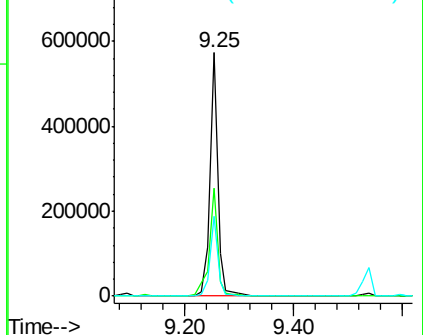


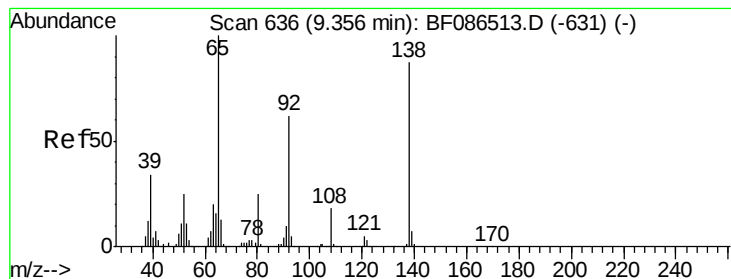
#46
 2-Chloronaphthalene
 Concen: 32.16 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.1	31.8	47.6
164	32.8	27.0	40.6



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





#47

2-Nitroaniline

Concen: 37.72 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

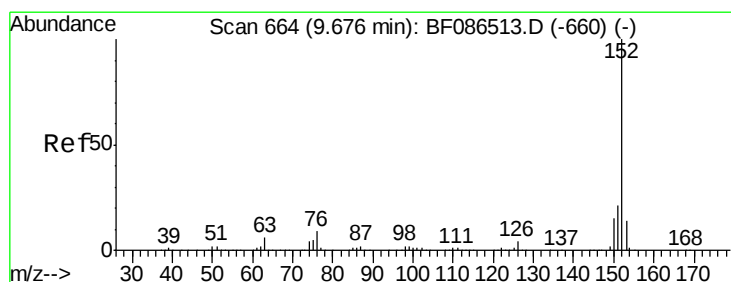
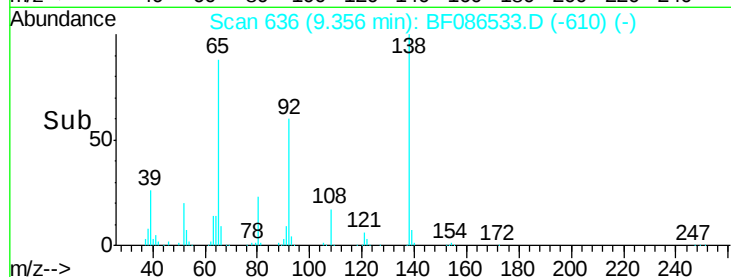
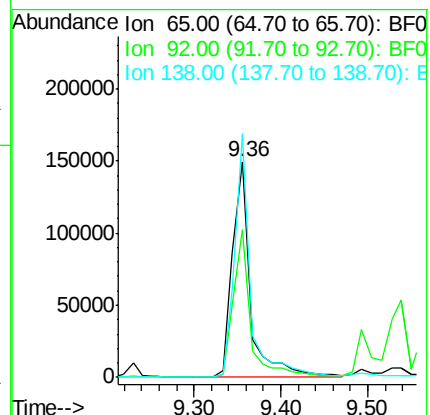
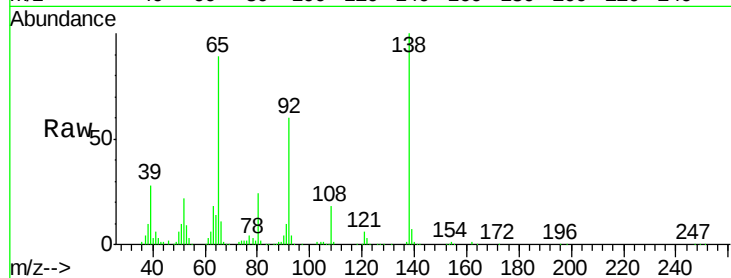
Tot Ion: 65 Resp: 219060

Ion Ratio Lower Upper

65 100

92 68.3 57.4 86.2

138 113.0 90.1 135.1



#48

Acenaphthylene

Concen: 31.54 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

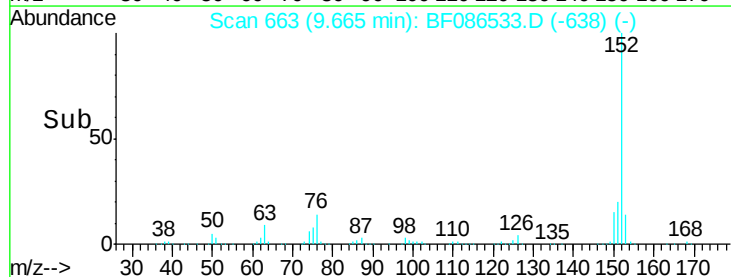
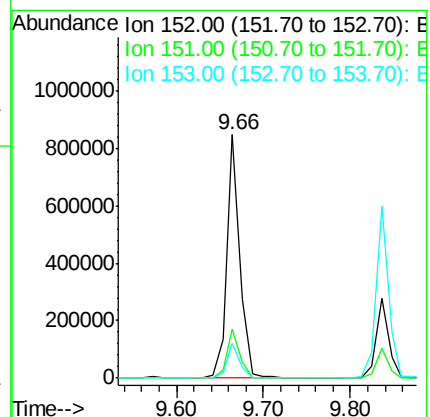
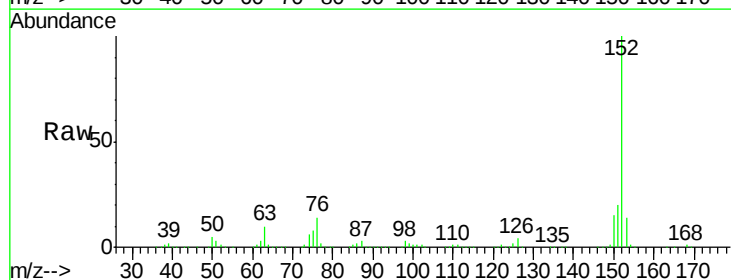
Tgt Ion: 152 Resp: 892781

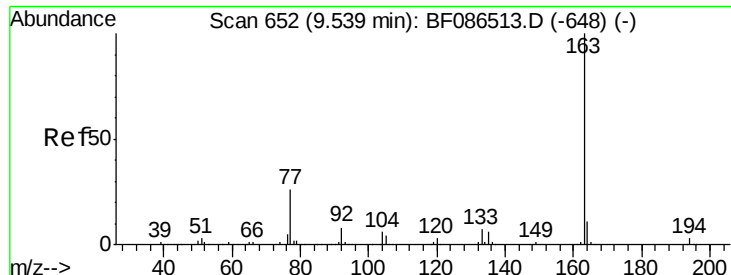
Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

153 14.2 10.9 16.3

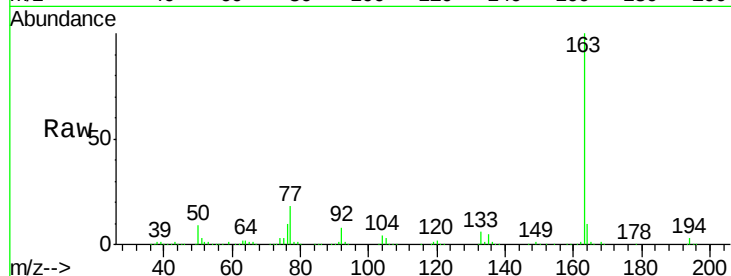




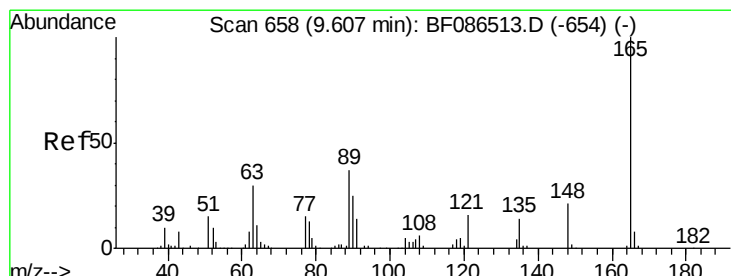
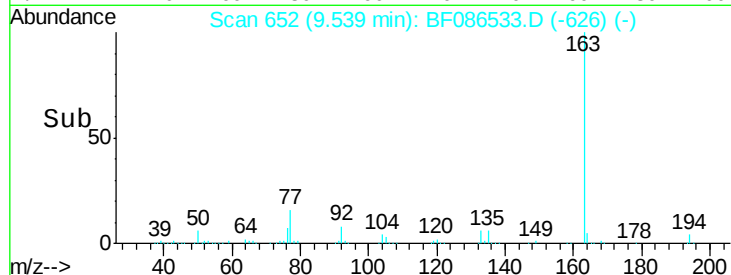
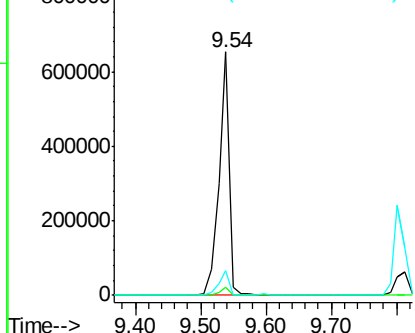
#49
Dimethylphthalate
Concen: 34.22 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 734049
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.1 8.2 12.4

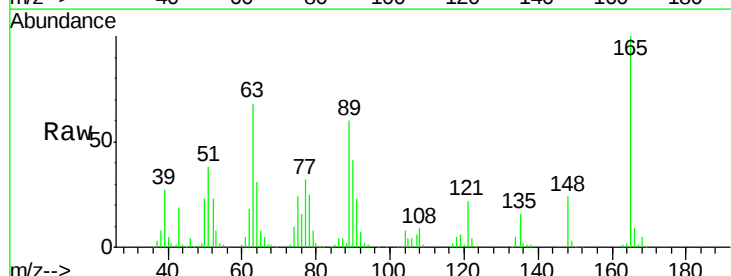


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

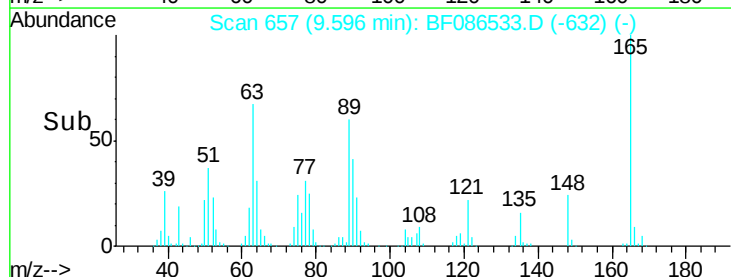
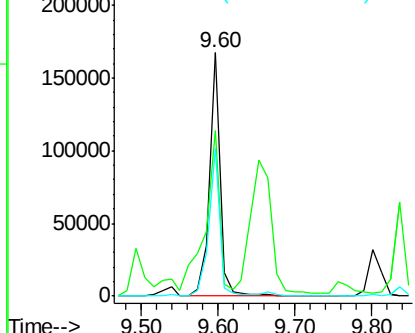


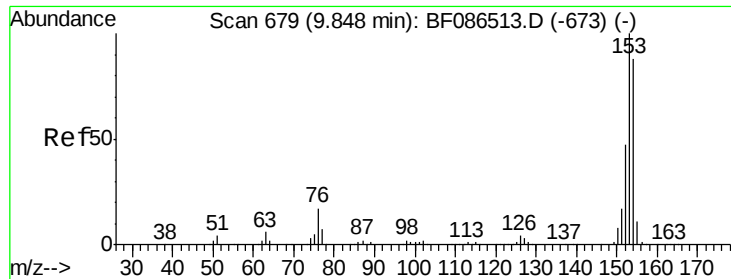
#50
2,6-Dinitrotoluene
Concen: 36.19 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion:165 Resp: 160394
Ion Ratio Lower Upper
165 100
63 67.9 51.8 77.8
89 60.4 50.7 76.1



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: 34.84 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampled :

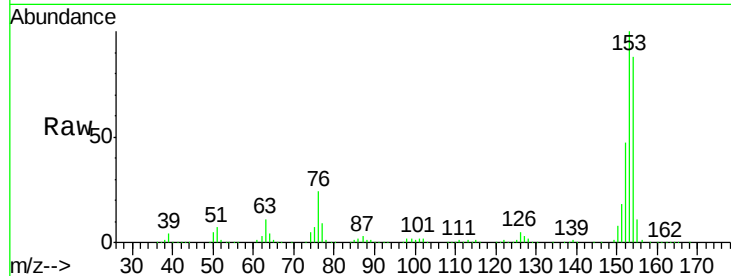
Tot Ion:154 Resp: 633445

Ion Ratio Lower Upper

154 100

153 113.2 89.8 134.6

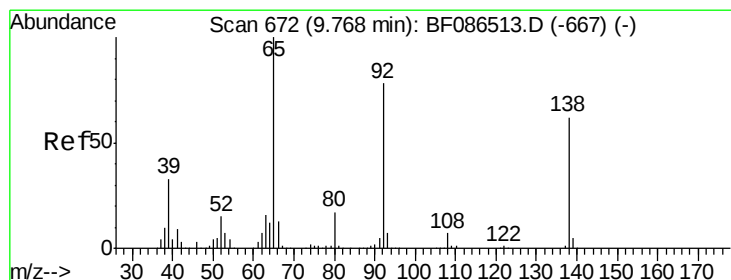
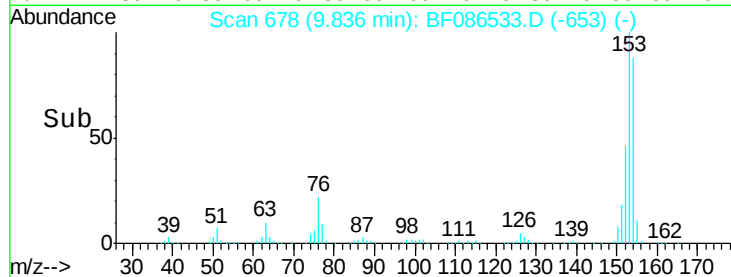
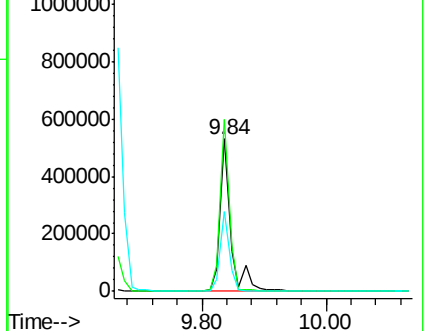
152 52.7 43.4 65.0



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: 13.22 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

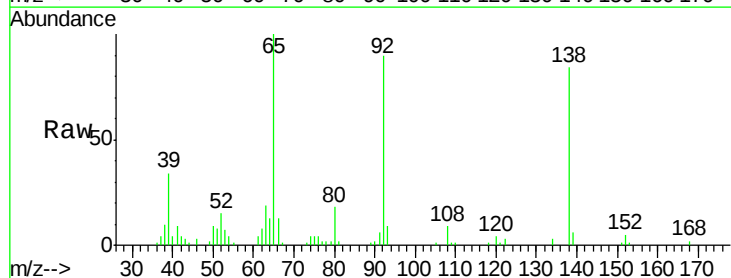
Tgt Ion:138 Resp: 66626

Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.6

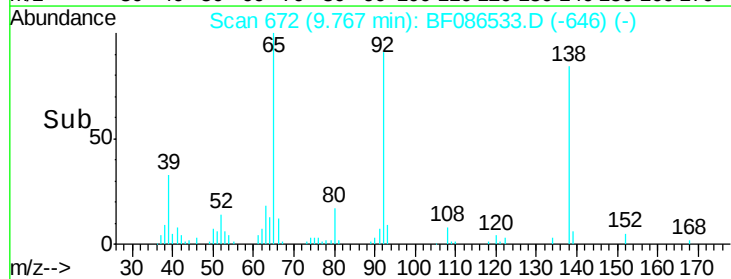
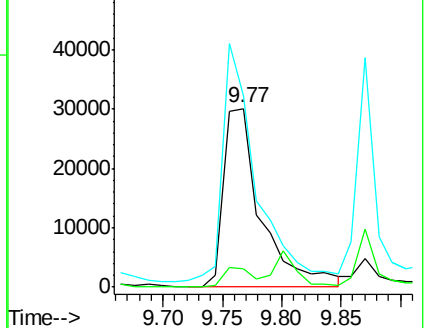
92 107.2 87.8 131.8

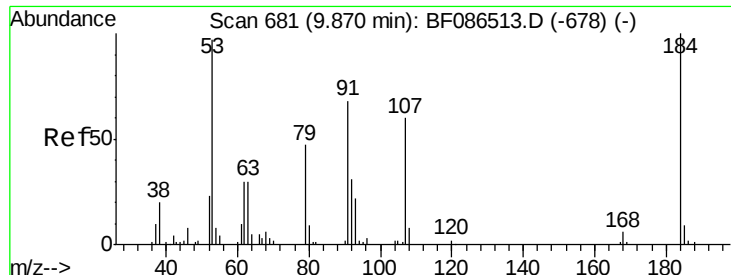


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

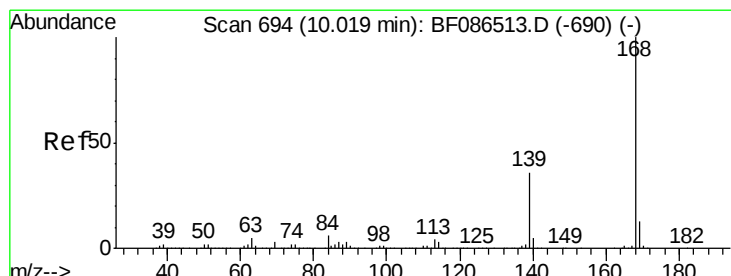
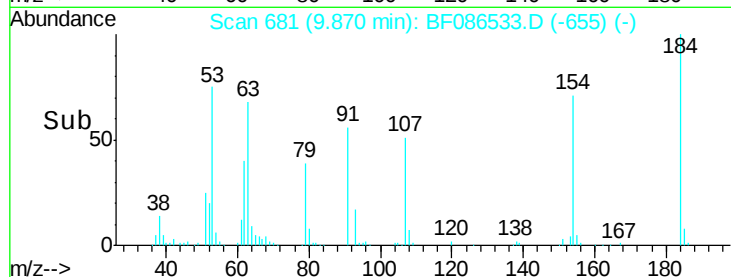
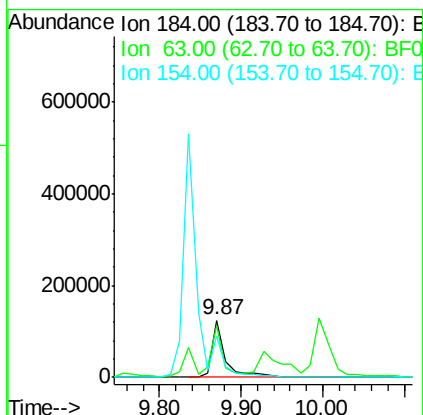
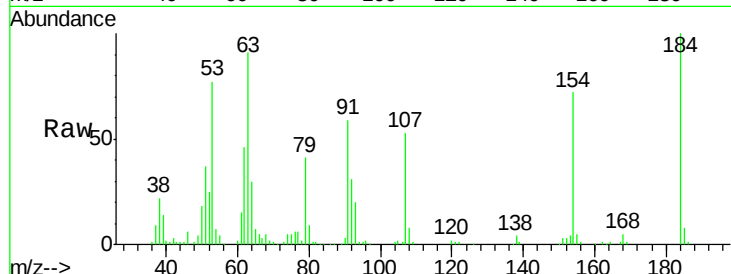




#53
2,4-Dinitrophenol
Concen: 62.53 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

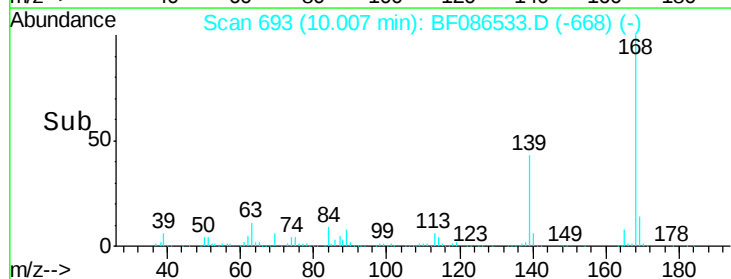
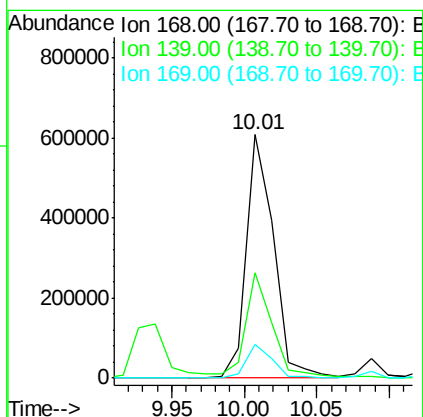
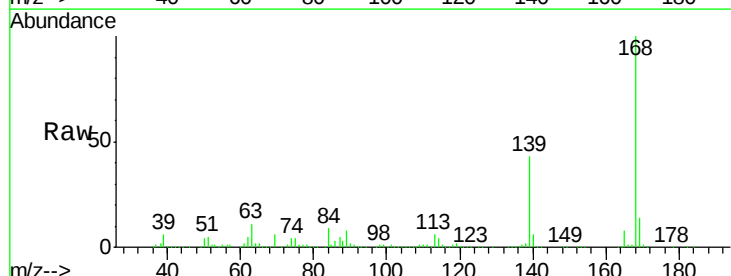
Instrument :
BNA_F
ClientSampleId :

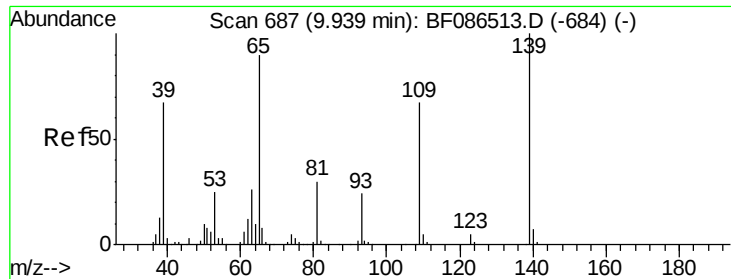
Tot Ion:184 Resp: 146954
Ion Ratio Lower Upper
184 100
63 91.4 55.8 83.8#
154 71.7 62.4 93.6



#54
Dibenzofuran
Concen: 35.01 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion:168 Resp: 795546
Ion Ratio Lower Upper
168 100
139 43.4 31.4 47.0
169 13.9 10.7 16.1

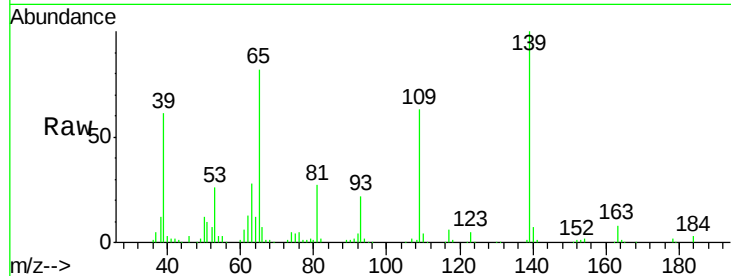




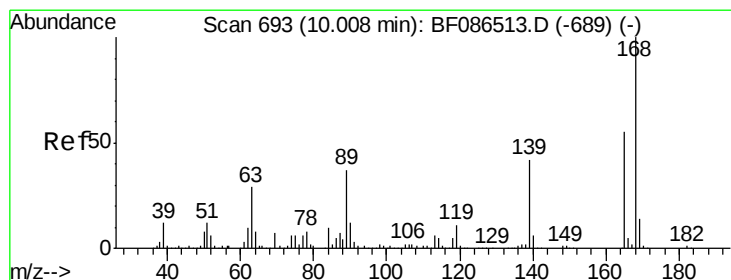
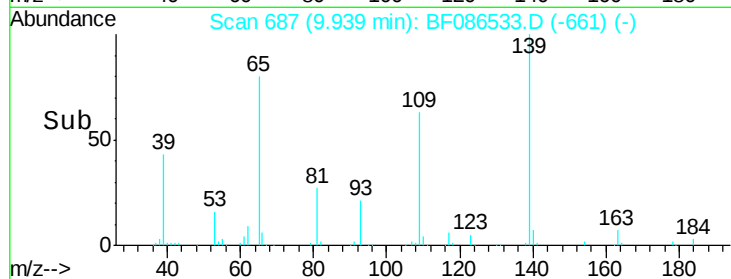
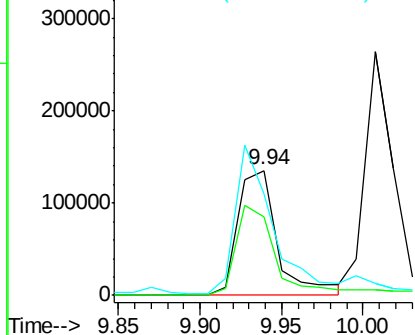
#55
4-Nitrophenol
Concen: 69.42 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 229124
Ion Ratio Lower Upper
139 100
109 63.2 36.9 76.9
65 81.6 64.0 104.0

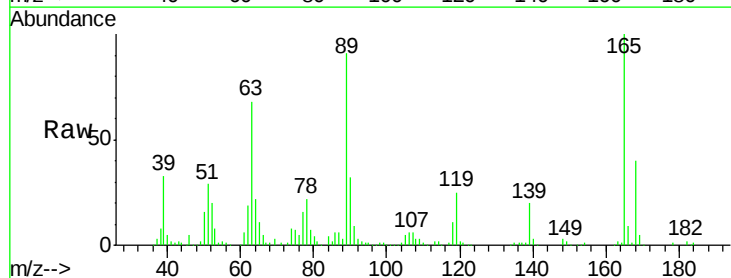


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

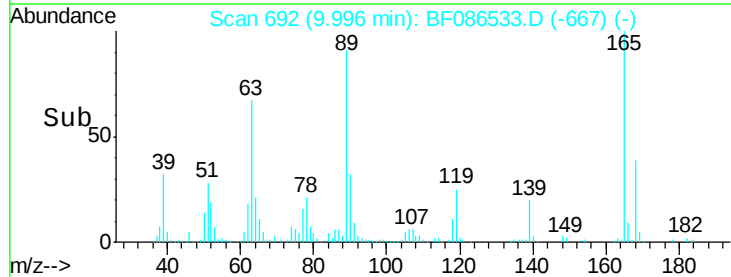
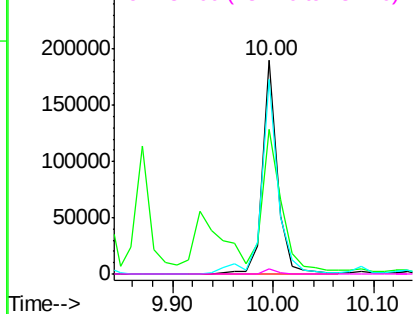


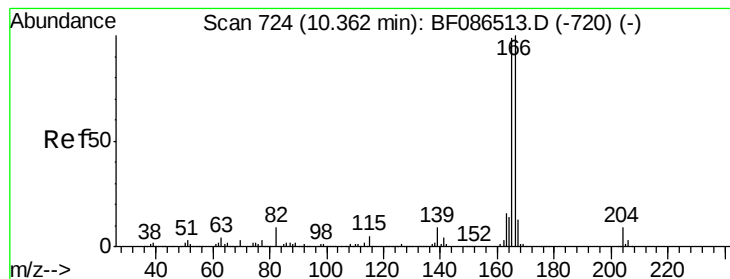
#56
2,4-Dinitrotoluene
Concen: 34.92 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion:165 Resp: 197301
Ion Ratio Lower Upper
165 100
63 67.7 44.3 66.5#
89 91.2 70.0 105.0
182 2.3 1.8 2.6



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 31.11 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

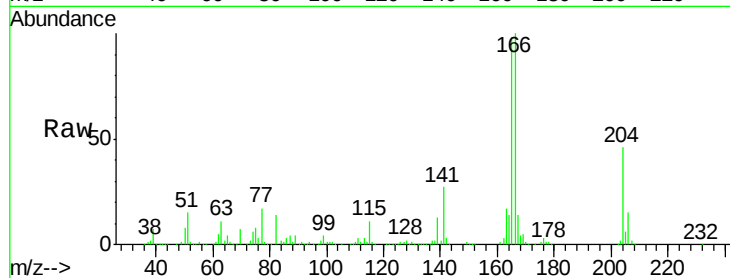
Tot Ion:166 Resp: 613821

Ion Ratio Lower Upper

166 100

165 97.7 79.0 118.6

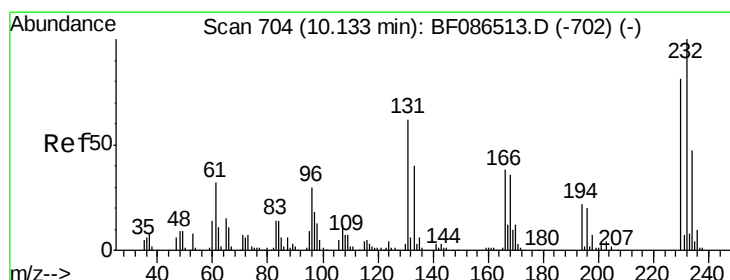
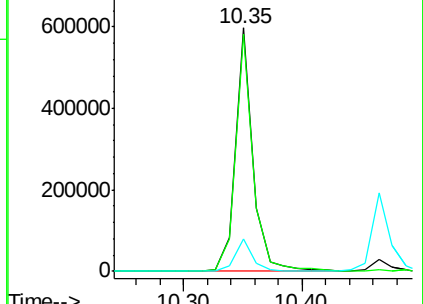
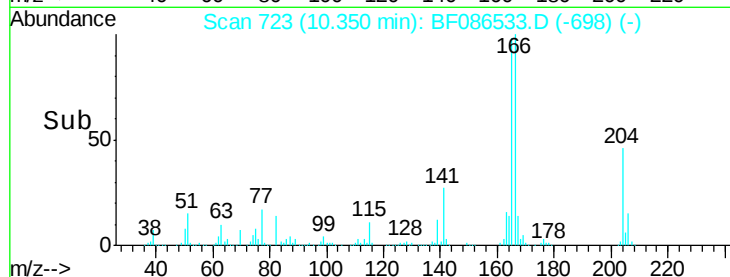
167 13.6 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.37 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Tgt Ion:232 Resp: 168591

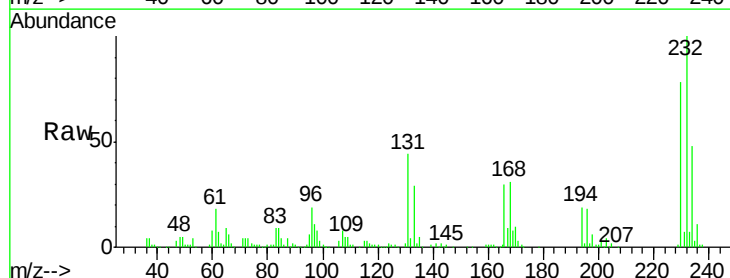
Ion Ratio Lower Upper

232 100

131 49.5 41.9 62.9

130 2.4 2.2 3.4

166 30.0 26.8 40.2

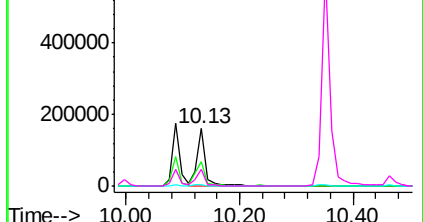
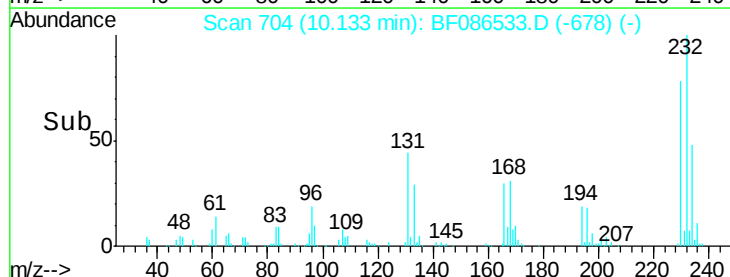


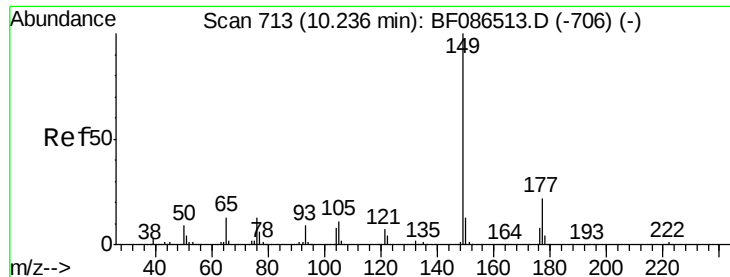
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

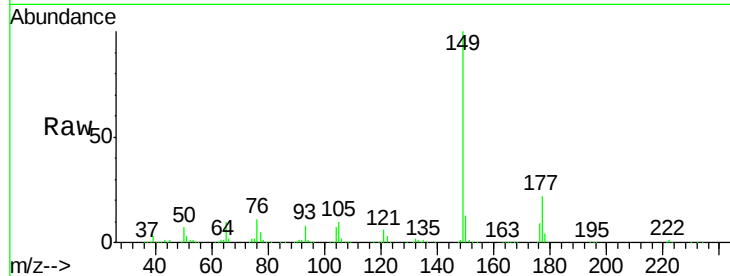




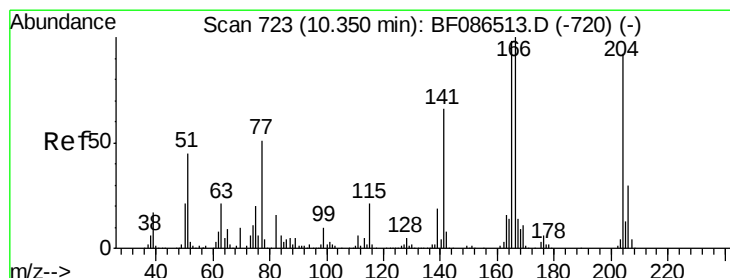
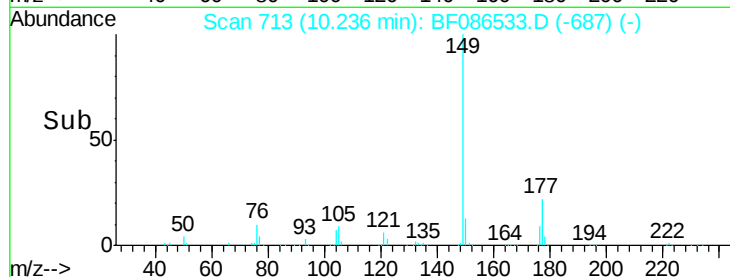
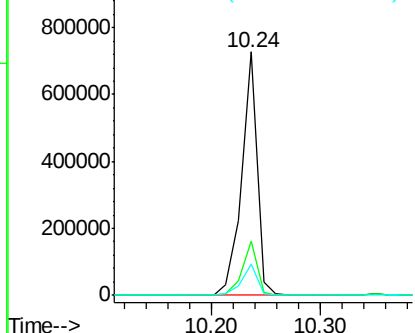
#59
Diethylphthalate
Concen: 35.07 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	16.6	24.8
150	12.6	10.0	15.0

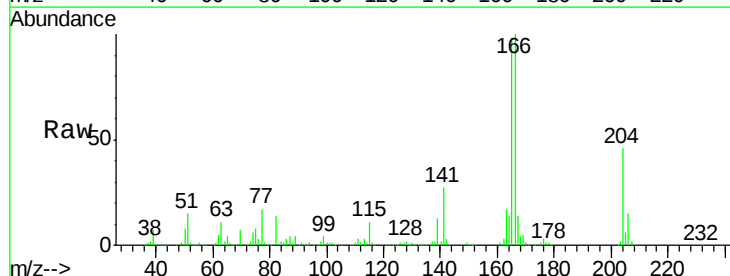


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

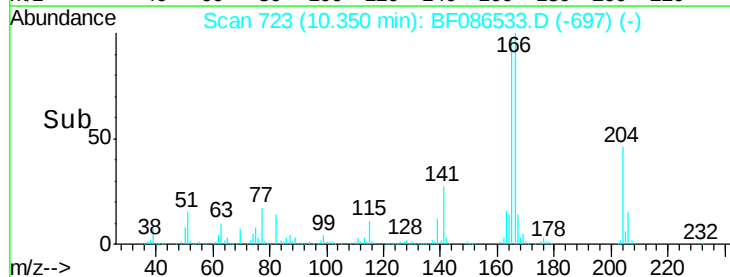
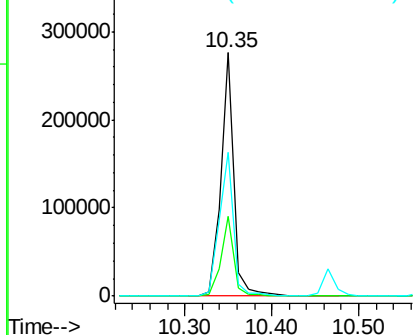


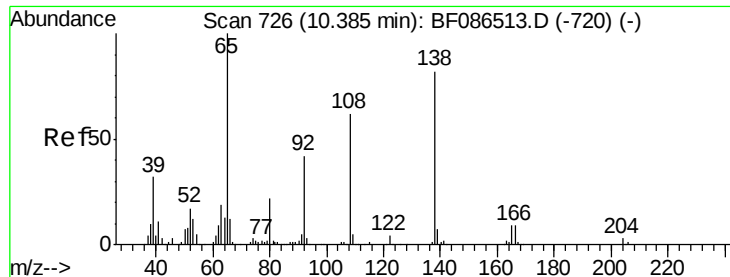
#60
4-Chlorophenyl-phenylether
Concen: 32.61 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.4	38.0
141	58.9	61.6	92.4#



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: 32.90 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampled :

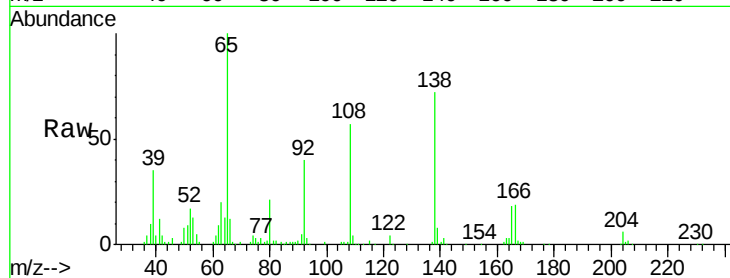
Tot Ion:138 Resp: 162115

Ion Ratio Lower Upper

138 100

92 55.6 24.7 64.7

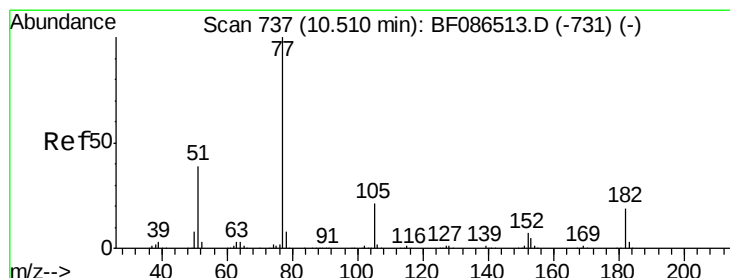
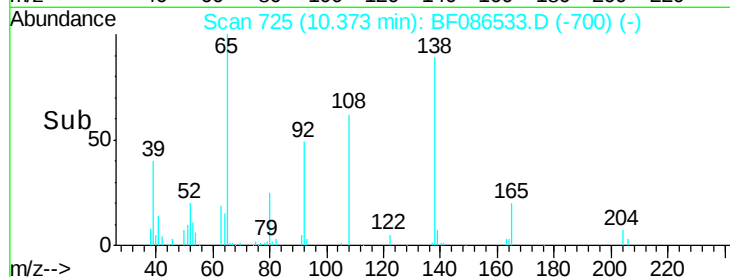
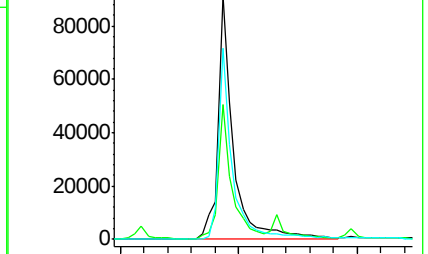
108 78.3 37.4 77.4#



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: 36.76 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Tgt Ion: 77 Resp: 817752

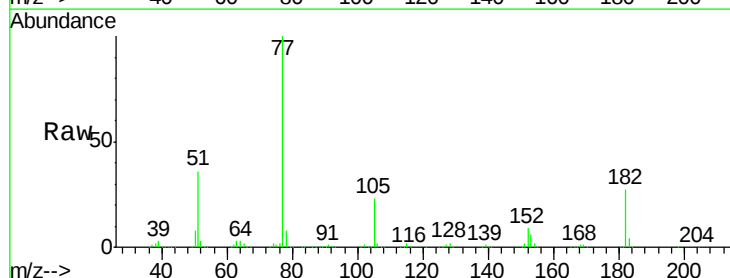
Ion Ratio Lower Upper

77 100

182 26.6 0.0 38.8

105 23.2 3.2 43.2

51 35.8 8.8 48.8

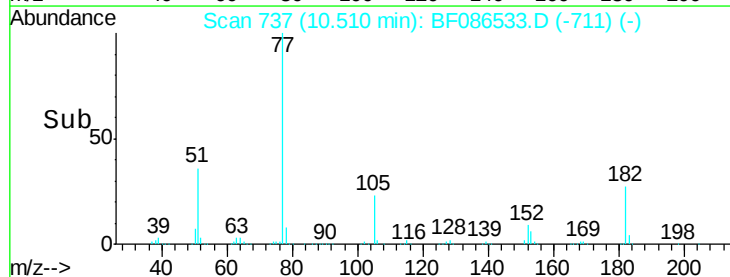
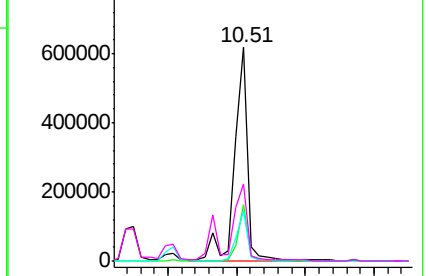


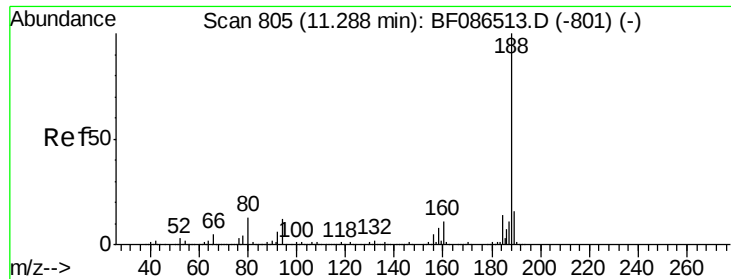
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

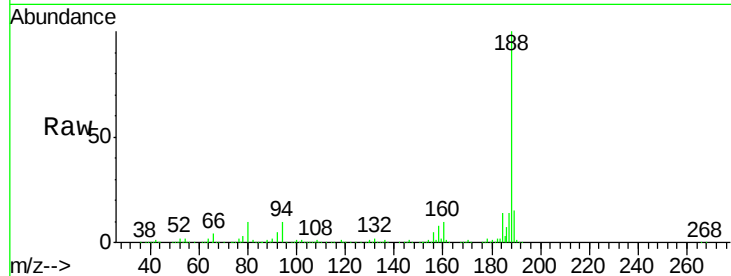




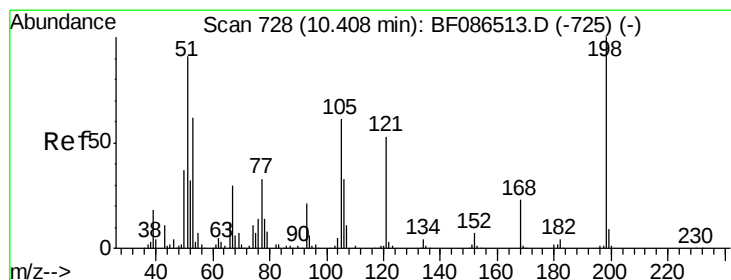
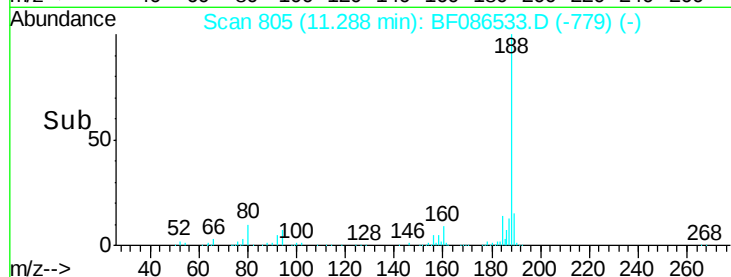
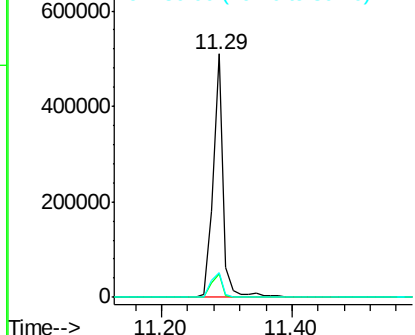
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 554543
Ion Ratio Lower Upper
188 100
94 9.7 6.8 10.2
80 10.1 7.1 10.7

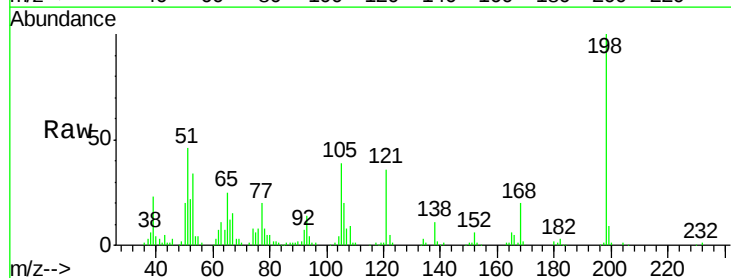


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

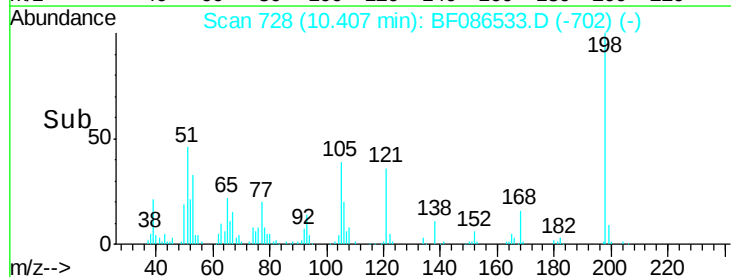
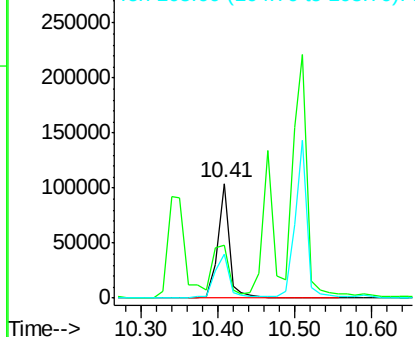


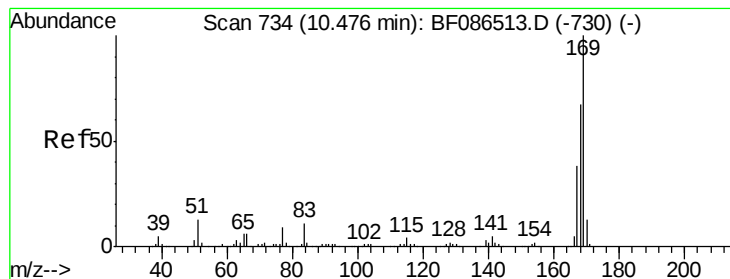
#64
4,6-Dinitro-2-methylphenol
Concen: 33.89 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion:198 Resp: 110333
Ion Ratio Lower Upper
198 100
51 46.3 20.5 60.5
105 38.7 24.5 64.5



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

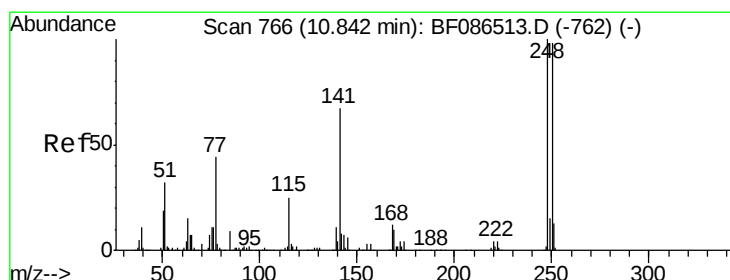
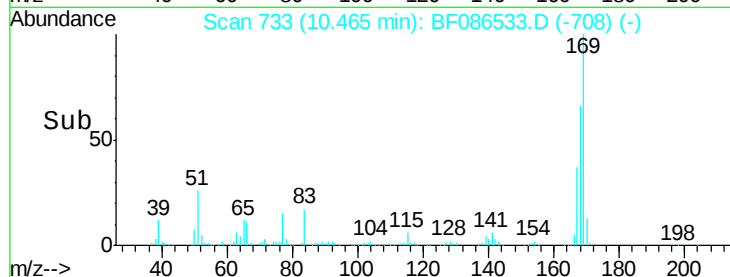
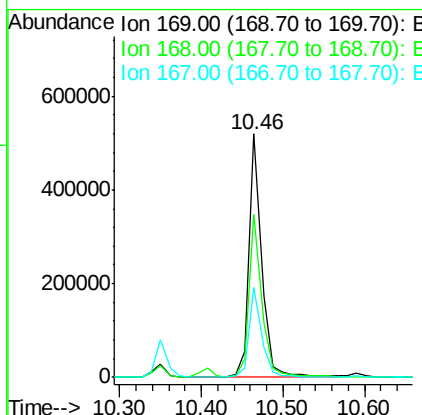
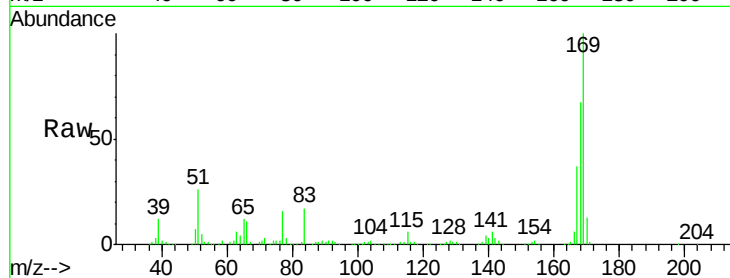




#65
 n-Nitrosodiphenylamine
 Concen: 32.09 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

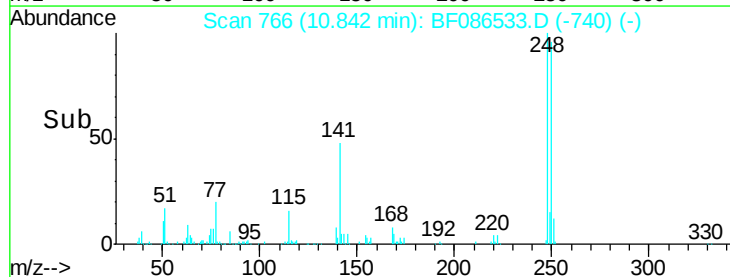
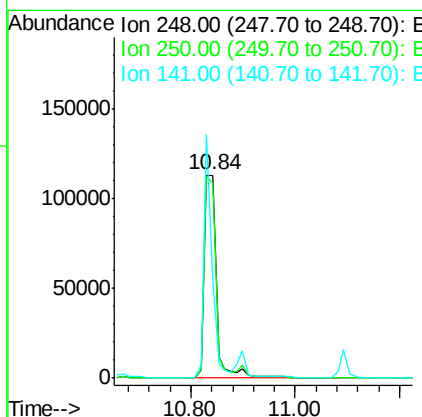
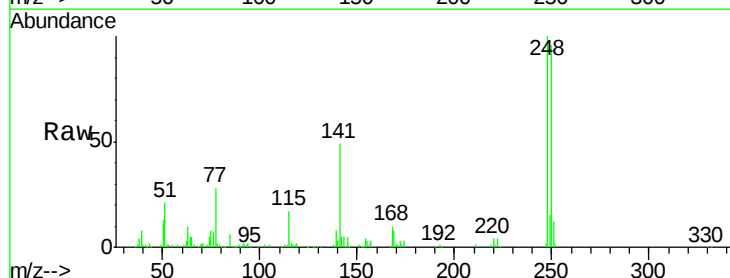
Instrument :
 BNA_F
 ClientSampleId :

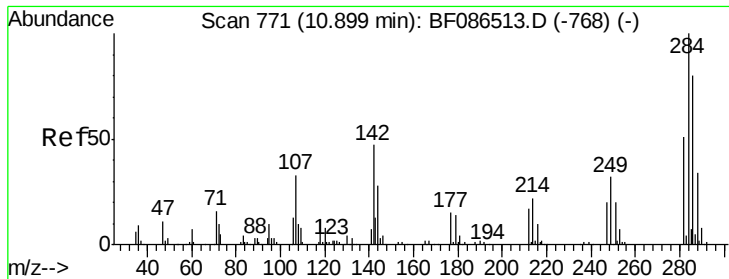
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.8	80.6
167	37.1	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 32.37 ng
 RT: 10.84 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.6	117.8
141	48.8	76.0	114.0

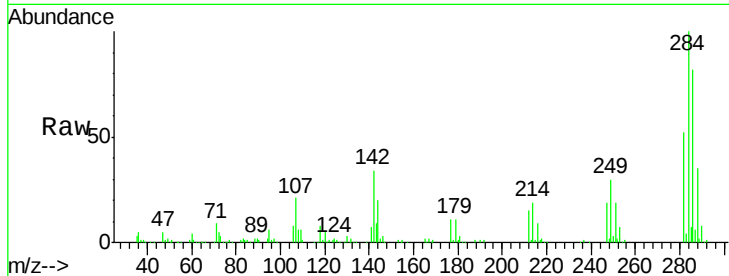




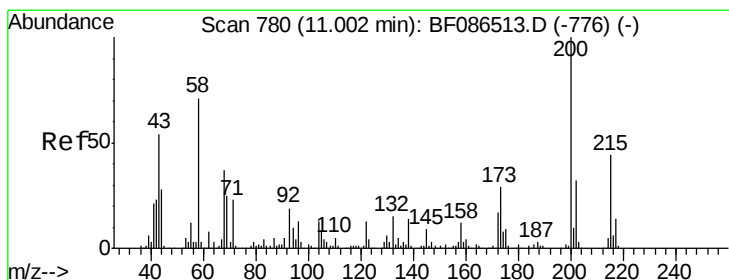
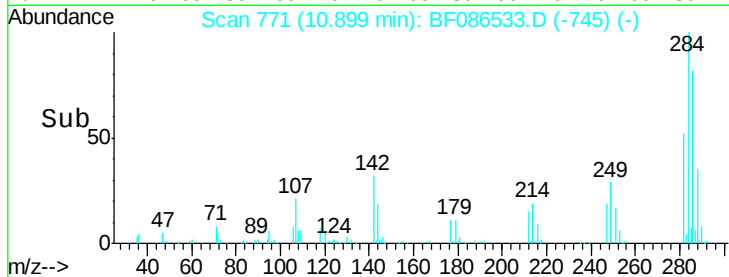
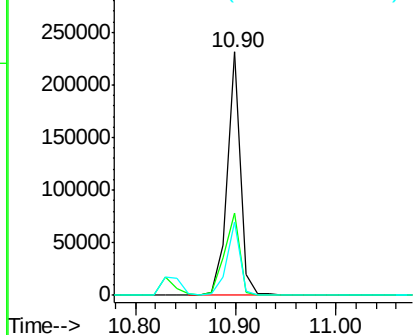
#67
Hexachlorobenzene
Concen: 31.82 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 210454
Ion Ratio Lower Upper
284 100
142 33.9 16.7 25.1#
249 30.0 21.3 31.9

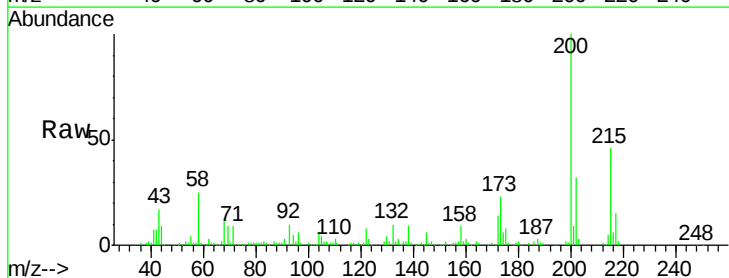


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

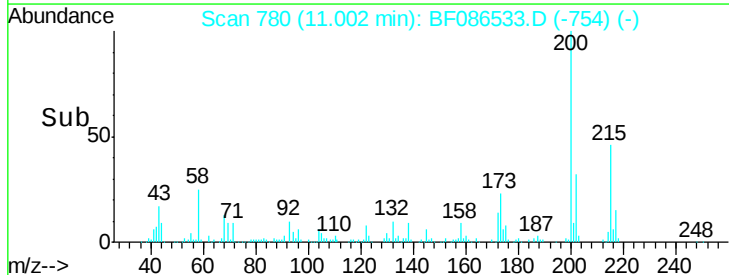
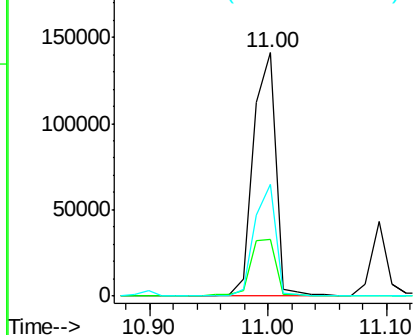


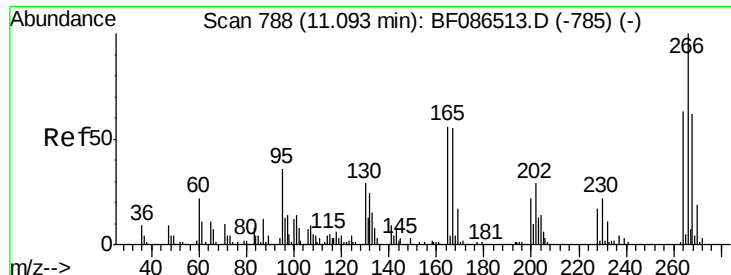
#68
Atrazine
Concen: 36.12 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF086533.D
Acq: 30 Apr 2016 19:43

Tgt Ion:200 Resp: 187980
Ion Ratio Lower Upper
200 100
173 23.5 8.5 48.5
215 45.9 27.2 67.2



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

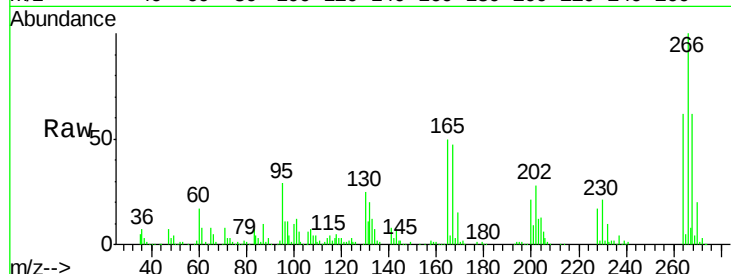




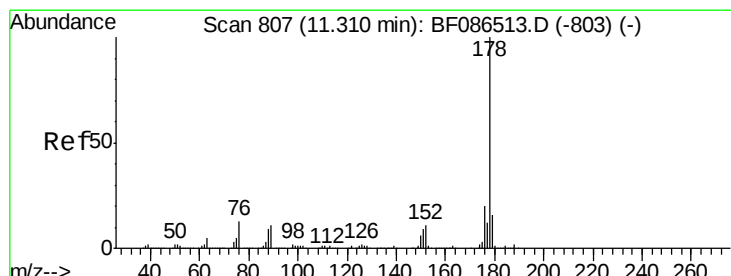
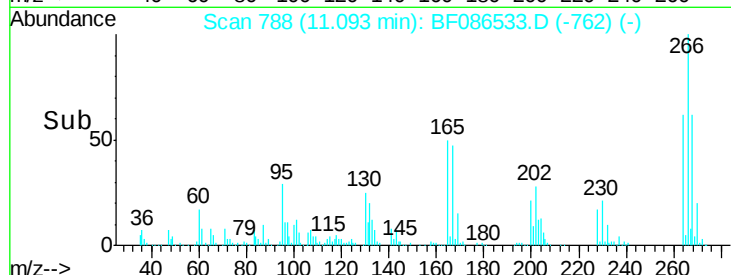
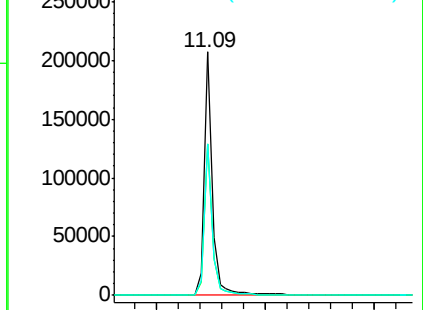
#69
 Pentachlorophenol
 Concen: 61.16 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 213294
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.5 77.3
 264 62.3 52.9 79.3

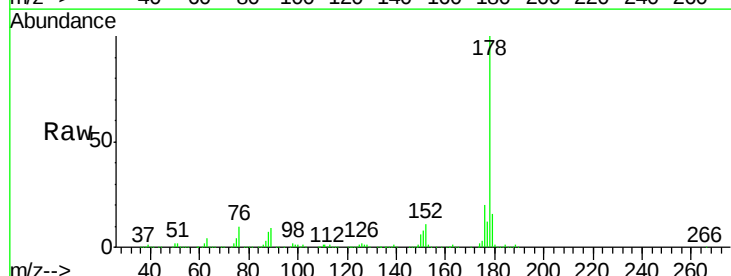


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

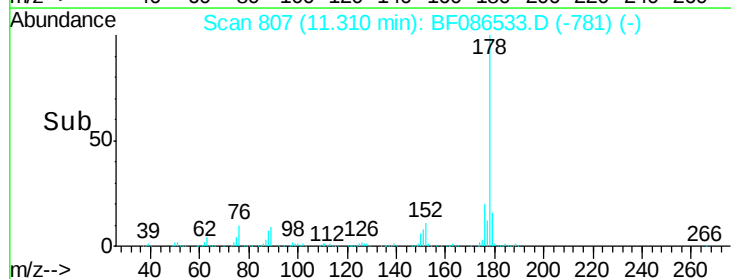
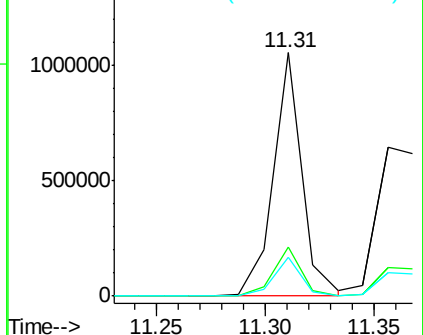


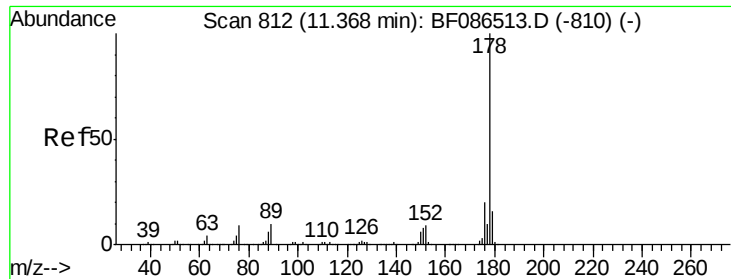
#70
 Phenanthrene
 Concen: 33.56 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion:178 Resp: 976735
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 15.8 12.6 18.8



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

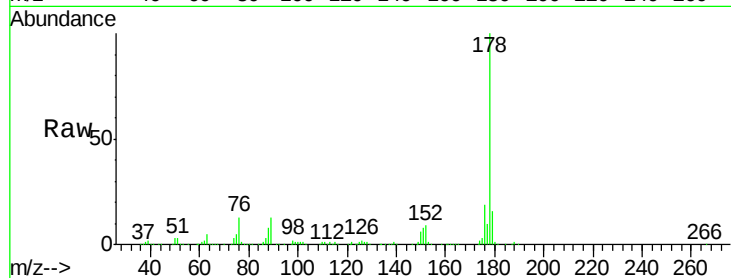




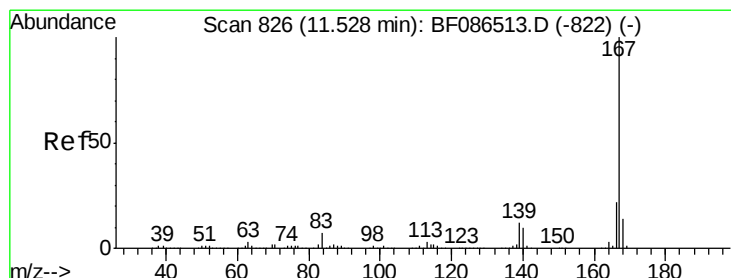
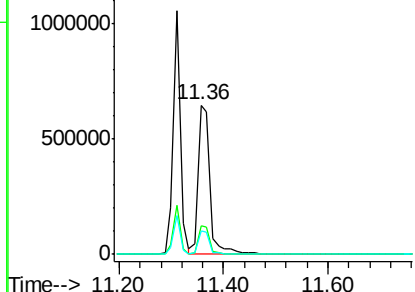
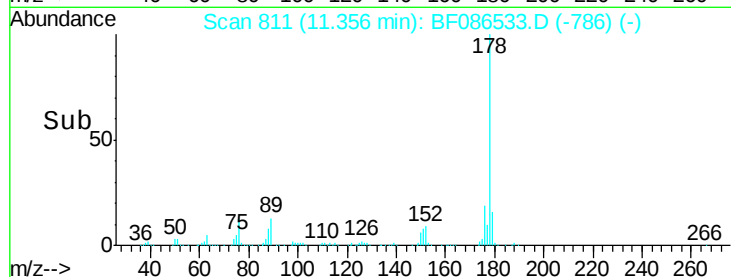
#71
 Anthracene
 Concen: 33.30 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1034344
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.9 12.7 19.1

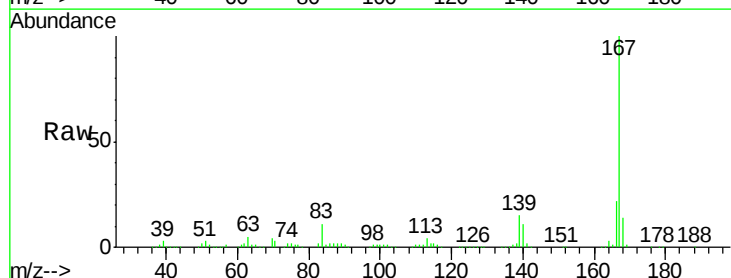


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

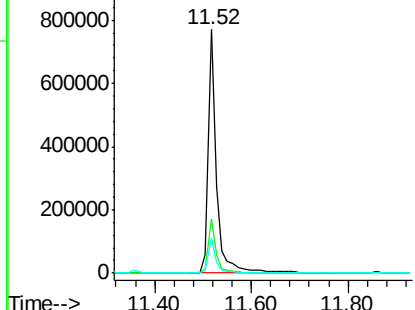
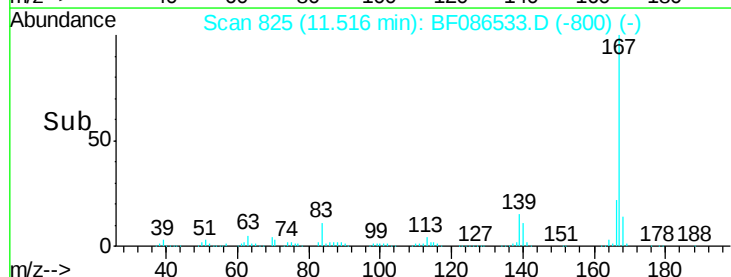


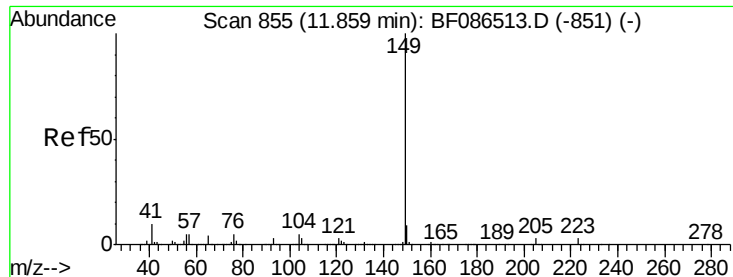
#72
 Carbazole
 Concen: 33.64 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion:167 Resp: 925963
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 14.6 10.8 16.2



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: 34.48 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

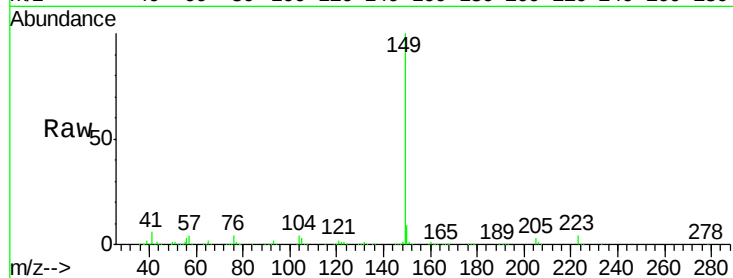
Tot Ion:149 Resp: 1075364

Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

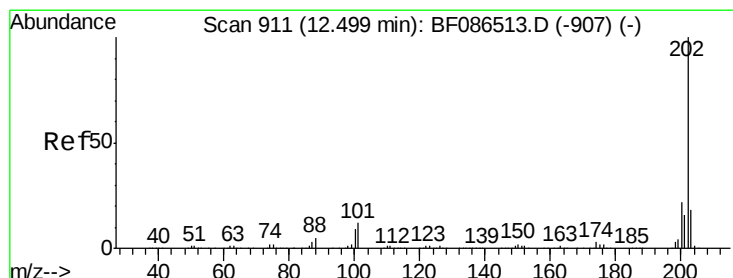
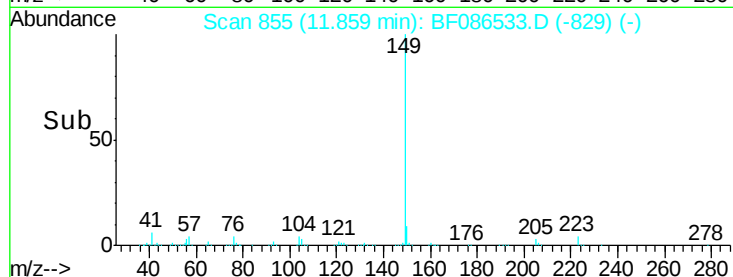
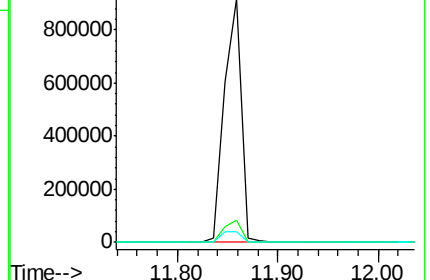
104 4.3 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.21 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

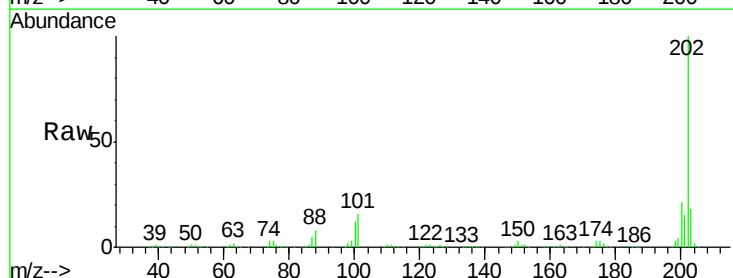
Tgt Ion:202 Resp: 1004824

Ion Ratio Lower Upper

202 100

101 16.4 0.0 35.4

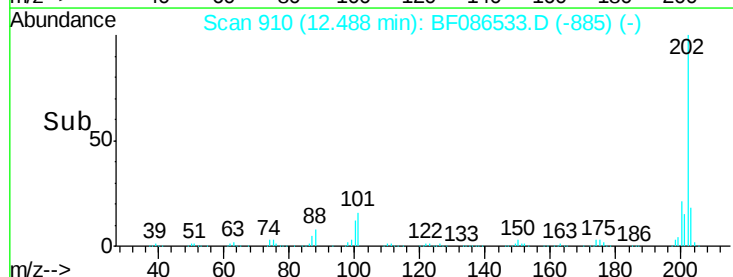
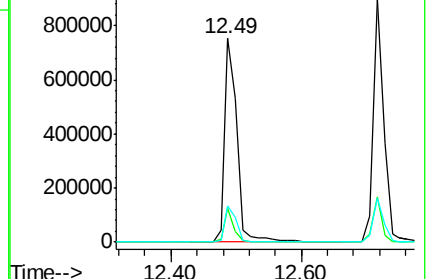
203 18.0 0.0 38.1

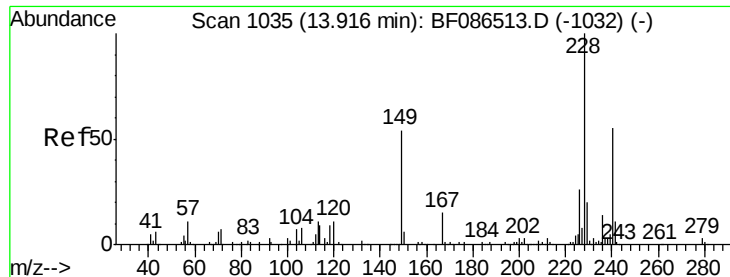


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

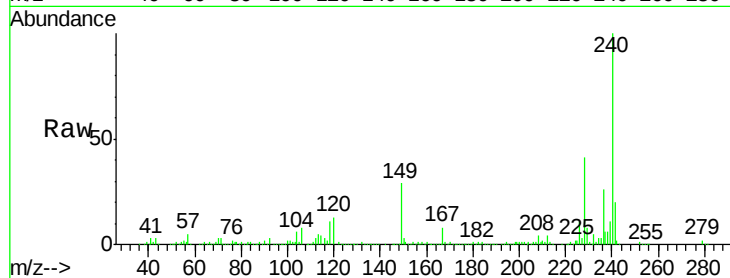
Tot Ion:240 Resp: 444108

Ion Ratio Lower Upper

240 100

120 12.6 11.2 16.8

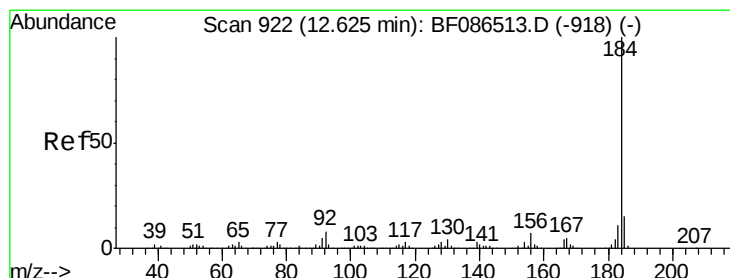
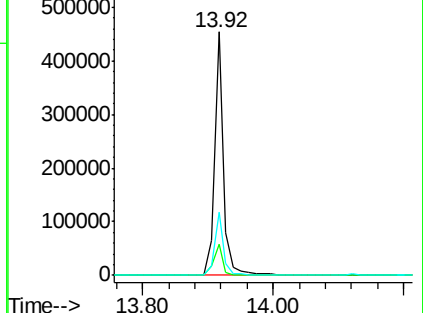
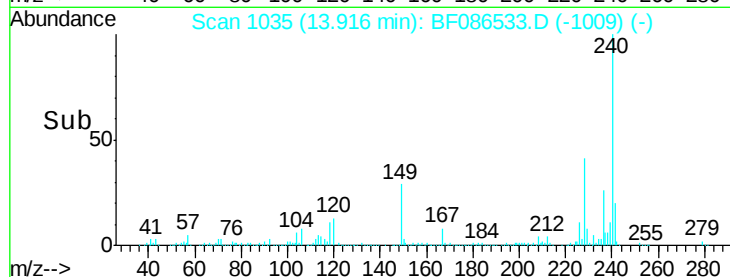
236 26.0 21.2 31.8



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: 17.08 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

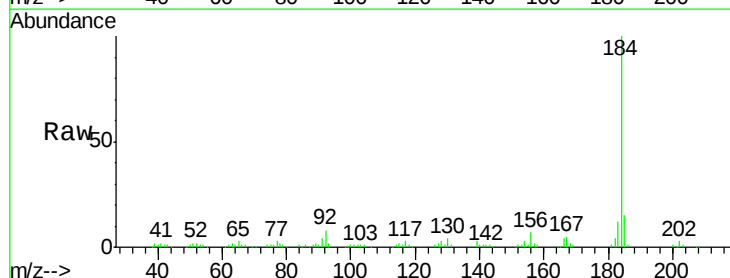
Tgt Ion:184 Resp: 260679

Ion Ratio Lower Upper

184 100

185 15.0 13.6 20.4

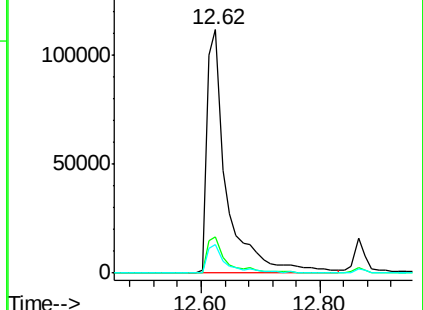
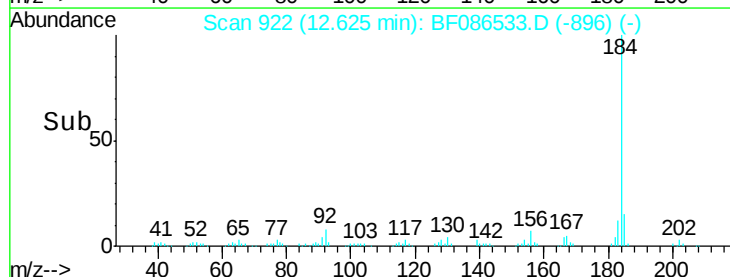
183 11.7 9.8 14.6

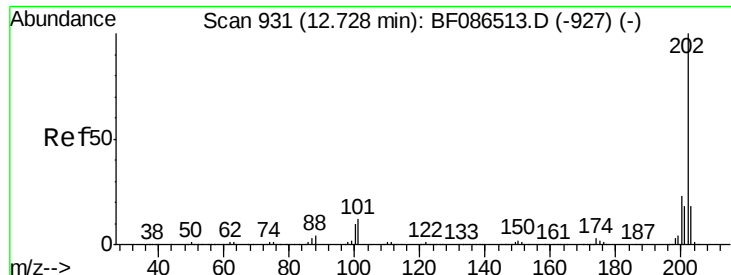


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

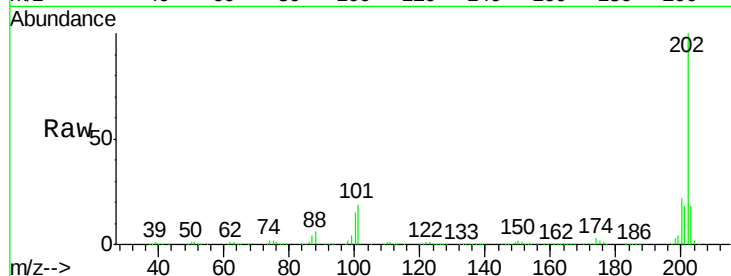




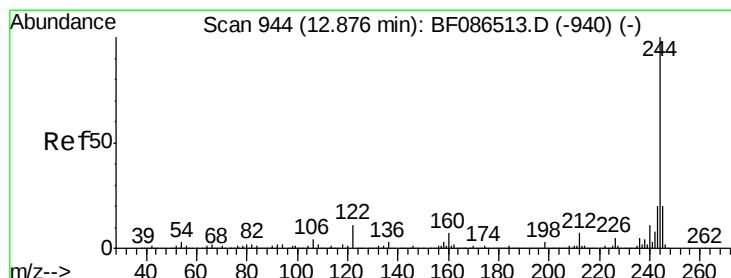
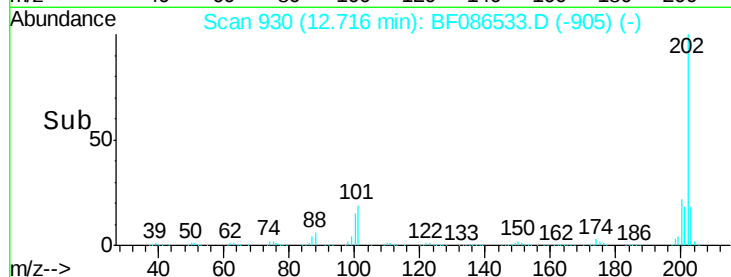
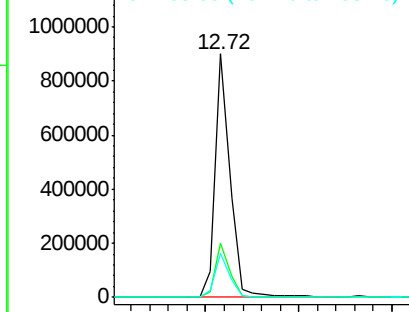
#77
 Pvrene
 Concen: 30.77 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 984700
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.7 26.5
 203 18.2 14.2 21.4

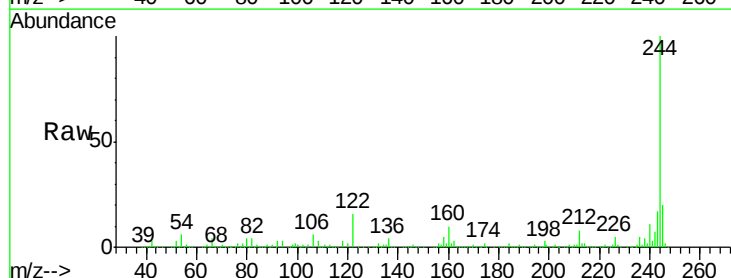


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

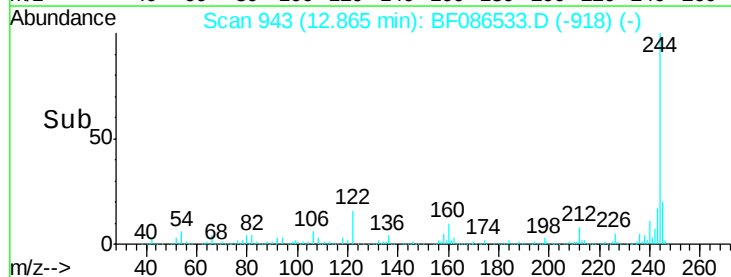
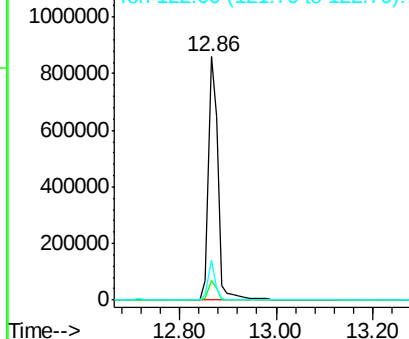


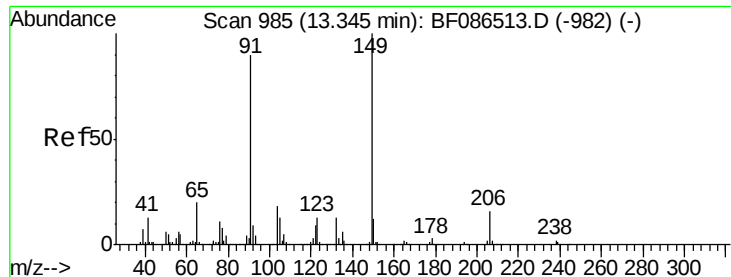
#78
 Terphenyl-d14
 Concen: 59.16 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion:244 Resp: 1192475
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 16.3 12.0 18.0



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: 30.98 ng

RT: 13.34 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

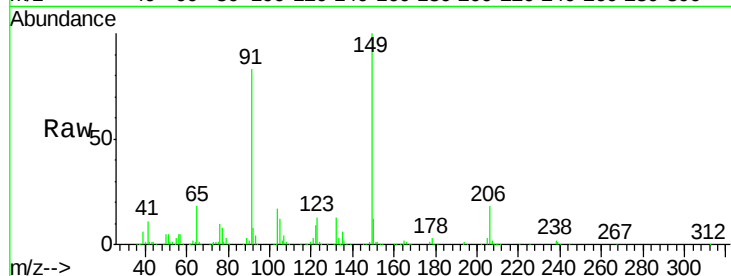
Tot Ion:149 Resp: 429387

Ion Ratio Lower Upper

149 100

91 82.9 48.0 72.0#

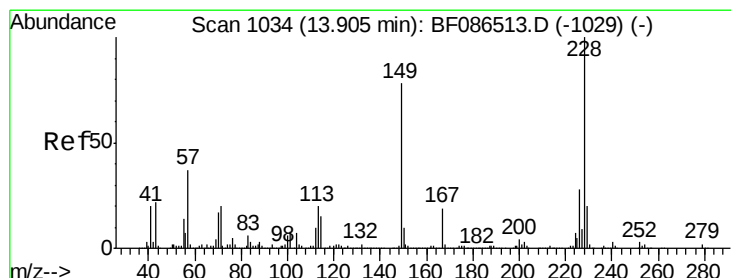
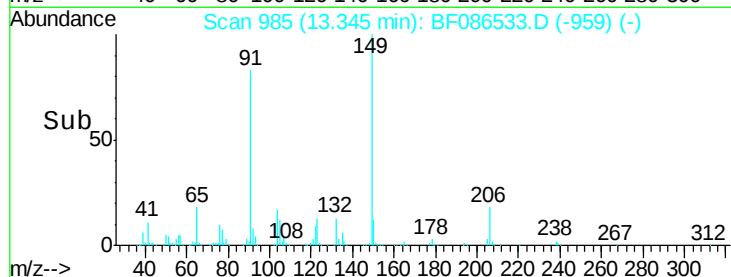
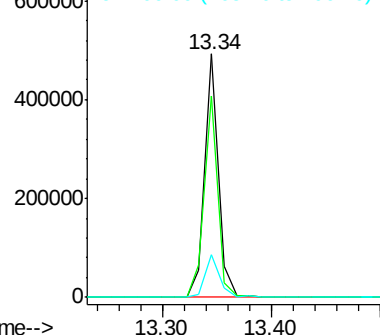
206 17.5 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 34.20 ng

RT: 13.90 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

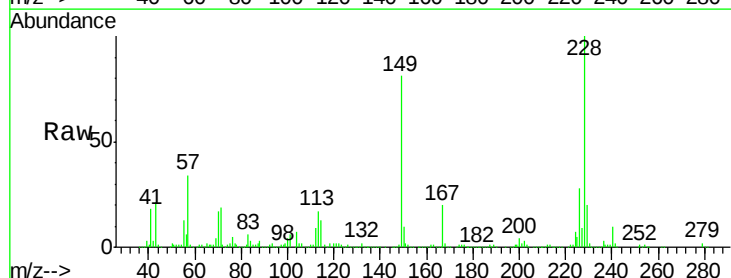
Tgt Ion:228 Resp: 809865

Ion Ratio Lower Upper

228 100

226 27.6 22.5 33.7

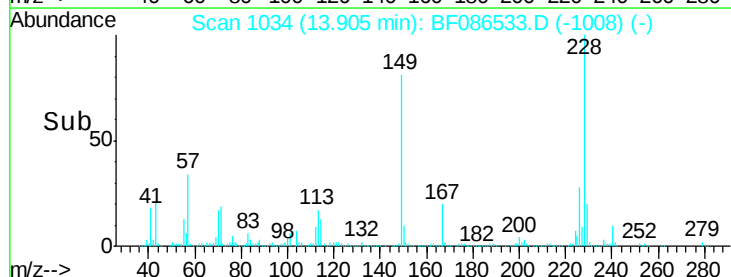
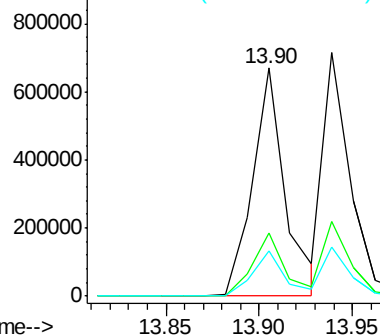
229 19.9 16.6 25.0

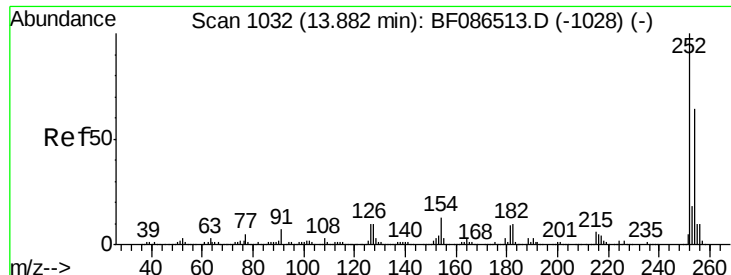


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

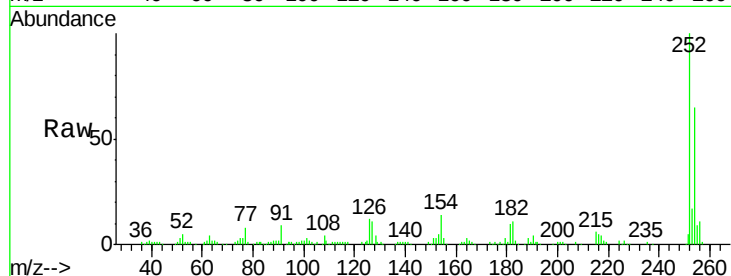




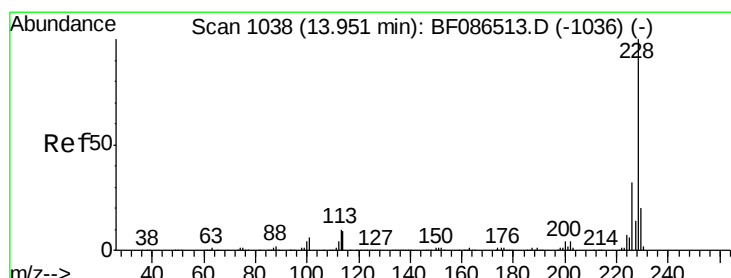
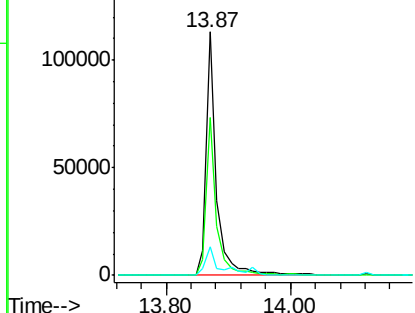
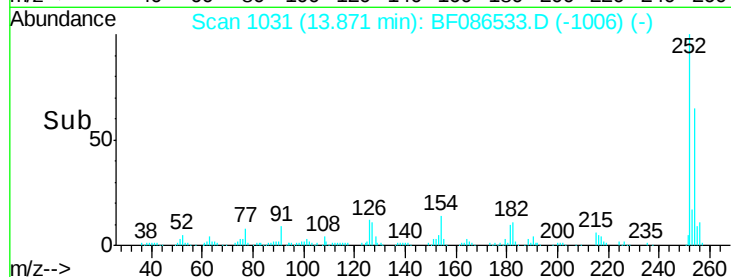
#81
 3,3'-Dichlorobenzidine
 Concen: 8.34 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 131995
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.7 76.1
 126 11.9 12.7 19.1#

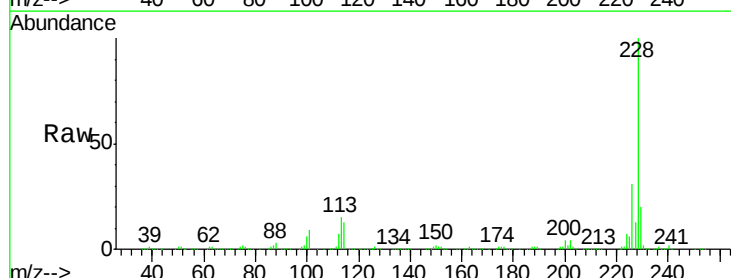


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

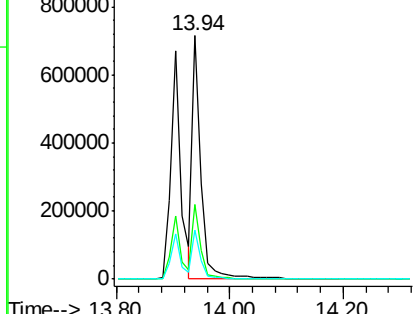
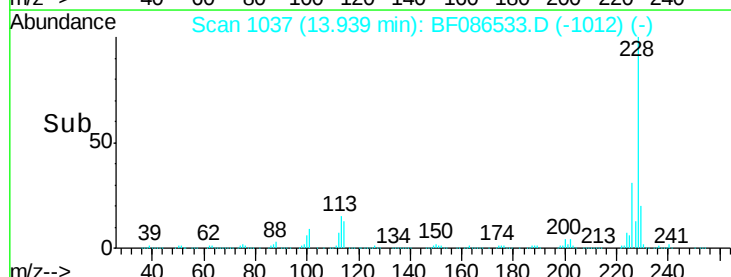


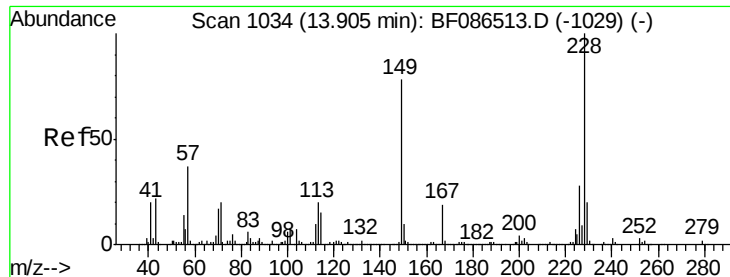
#82
 Chrysene
 Concen: 30.25 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion:228 Resp: 778627
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.4 36.6
 229 20.3 15.8 23.8



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

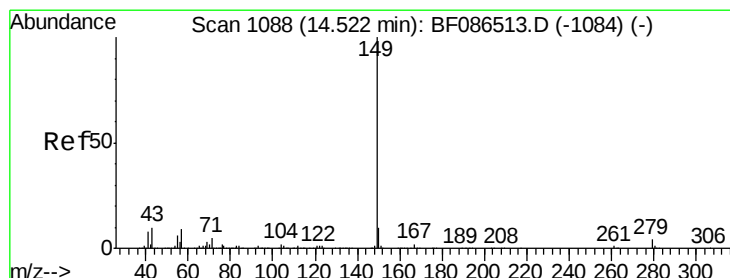
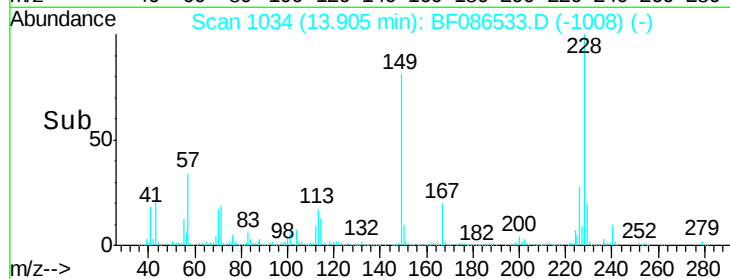
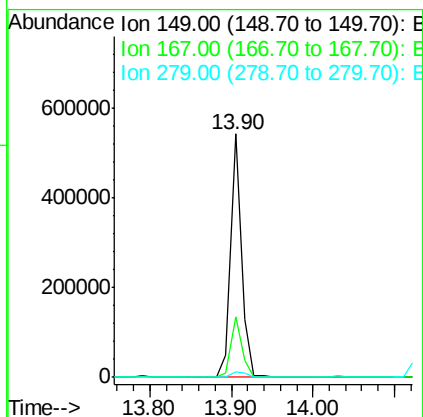
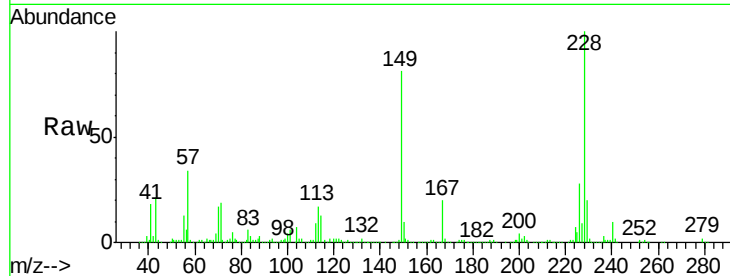




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.34 ng
 RT: 13.90 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

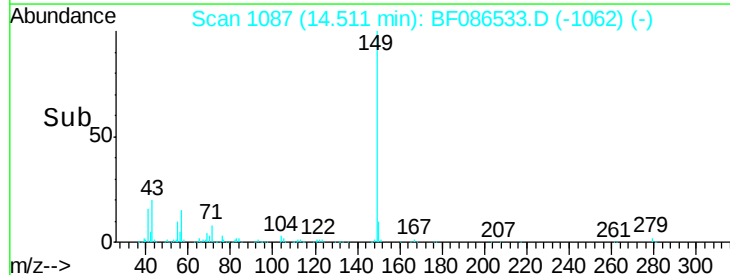
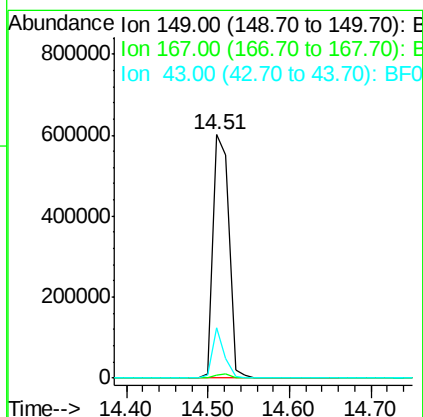
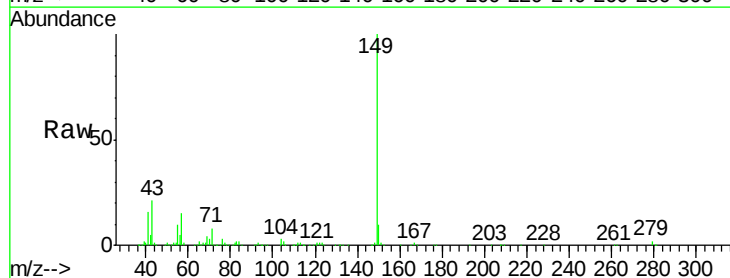
Instrument :
 BNA_F
 ClientSampleId :

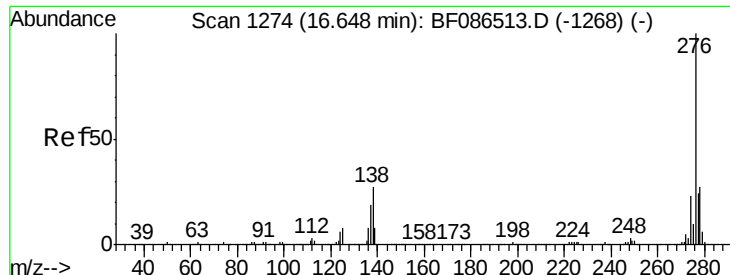
Tot Ion:149 Resp: 504724
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.8 32.6
 279 2.4 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 30.53 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion:149 Resp: 822407
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 15.0 8.2 12.4#

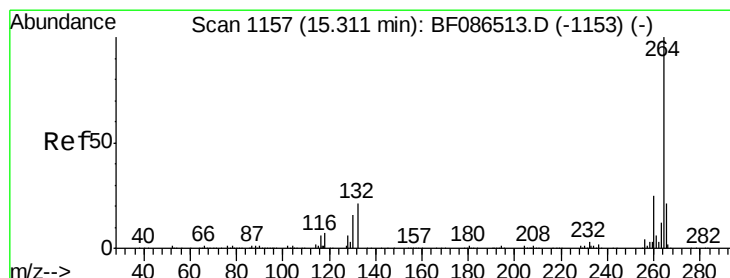
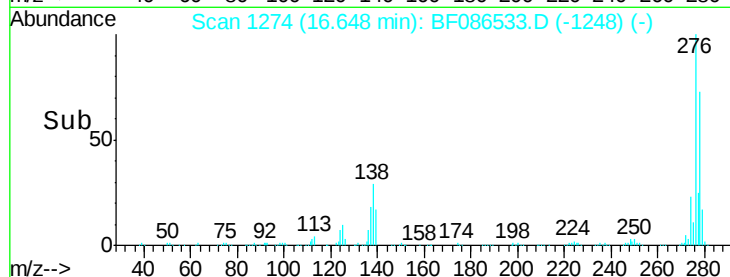
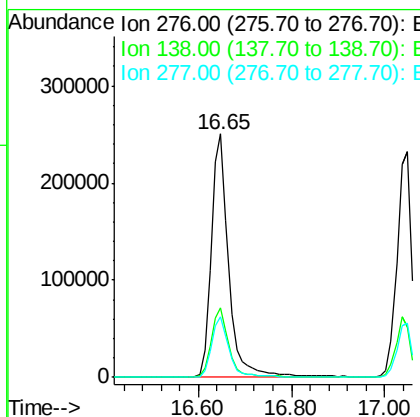
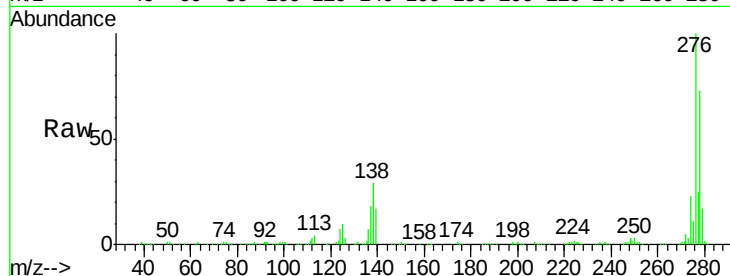




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.30 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

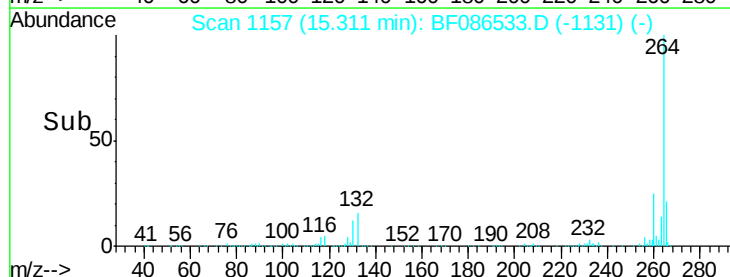
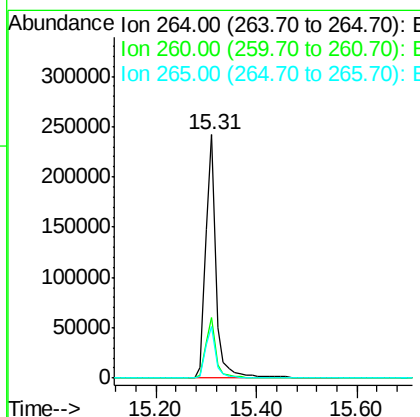
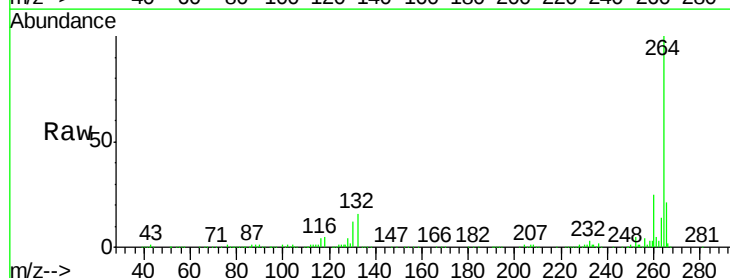
Instrument :
 BNA_F
 ClientSampleId :

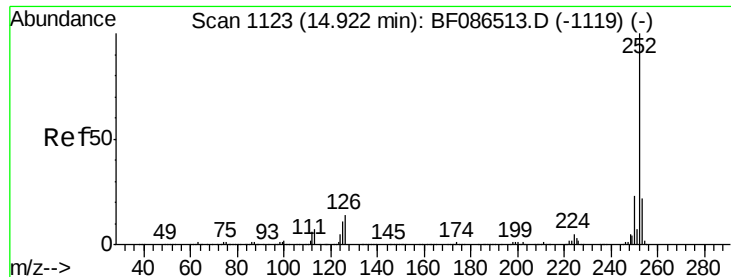
Tot Ion:276 Resp: 654178
 Ion Ratio Lower Upper
 276 100
 138 29.4 25.6 38.4
 277 25.2 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF086533.D
 Acq: 30 Apr 2016 19:43

Tgt Ion:264 Resp: 348300
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.5 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 70.12 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.02 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

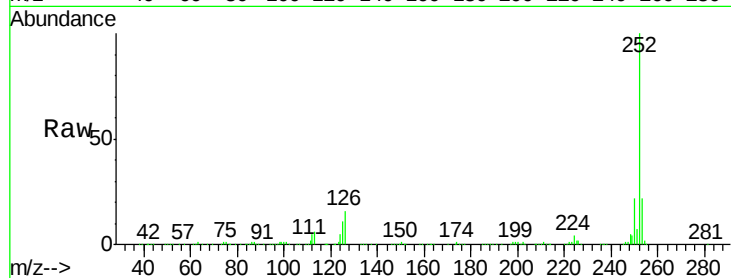
Tot Ion:252 Resp: 1436796

Ion Ratio Lower Upper

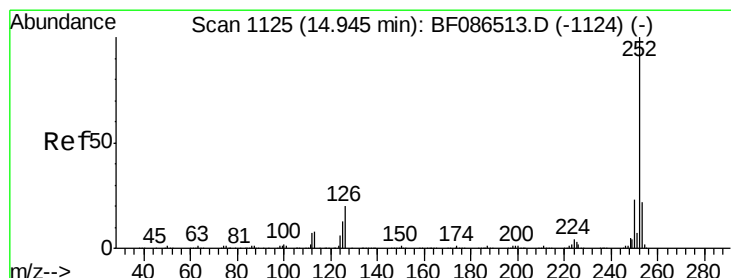
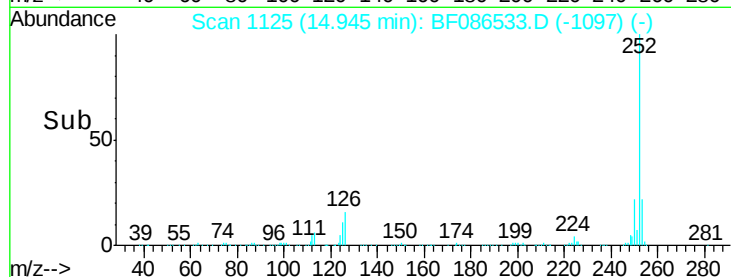
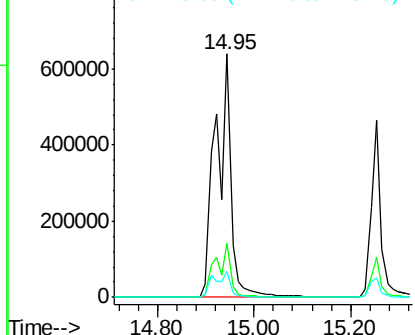
252 100

253 22.3 17.8 26.6

125 11.0 11.4 17.0#



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



#88

Benzo(k)fluoranthene

Concen: 67.31 ng

RT: 14.95 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

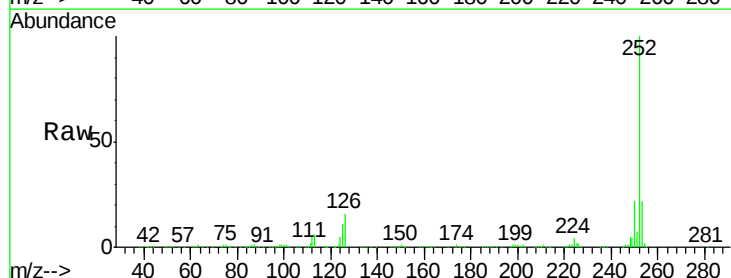
Tgt Ion:252 Resp: 1438624

Ion Ratio Lower Upper

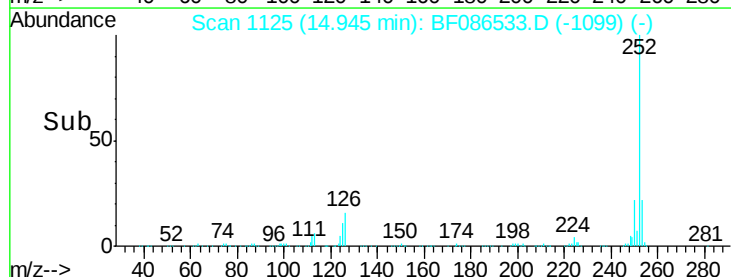
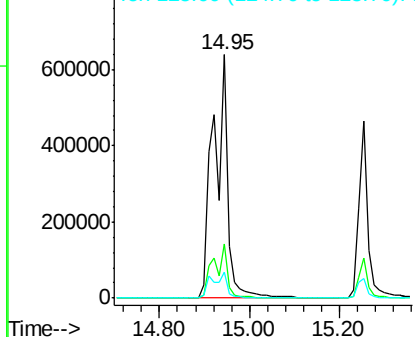
252 100

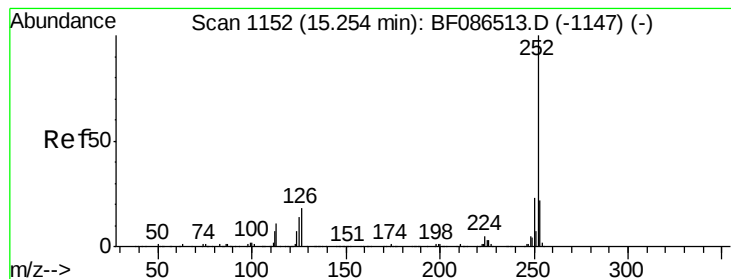
253 22.3 17.8 26.6

125 11.0 9.1 13.7



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





#89

Benzo(a)pyrene

Concen: 33.86 ng

RT: 15.25 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :

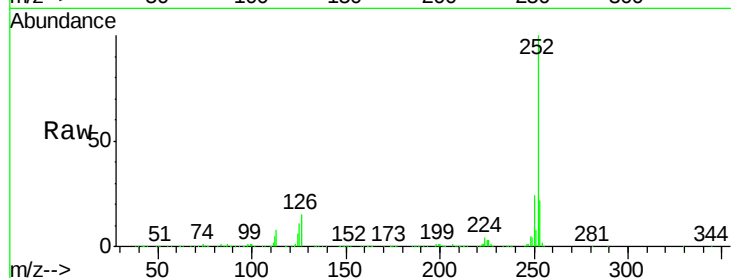
Tot Ion:252 Resp: 655003

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

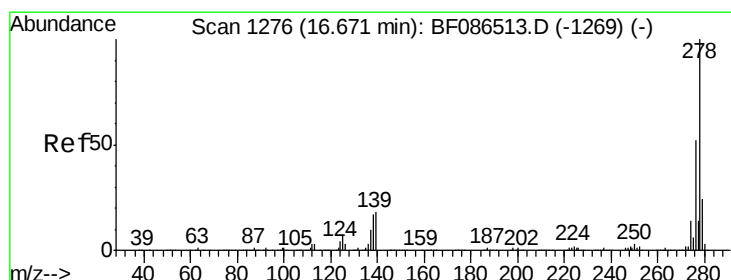
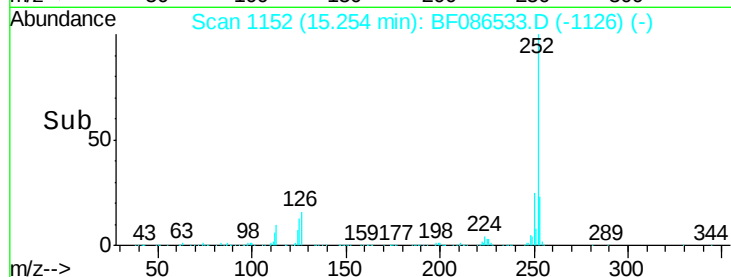
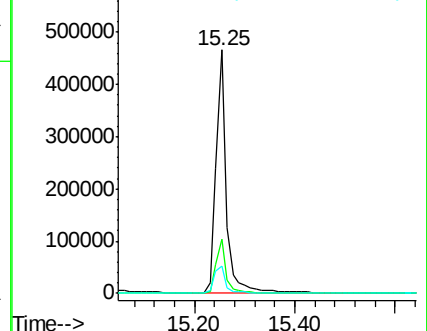
125 11.2 9.0 13.6



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: 34.72 ng

RT: 16.66 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

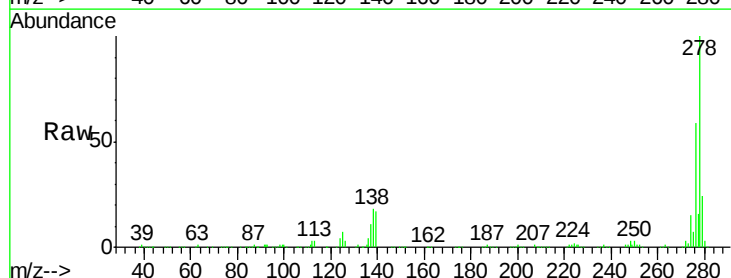
Tgt Ion:278 Resp: 549724

Ion Ratio Lower Upper

278 100

139 17.3 16.6 24.8

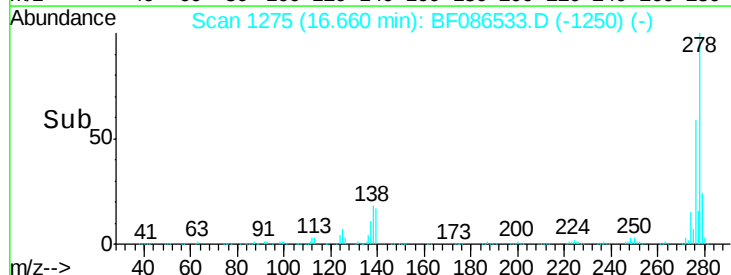
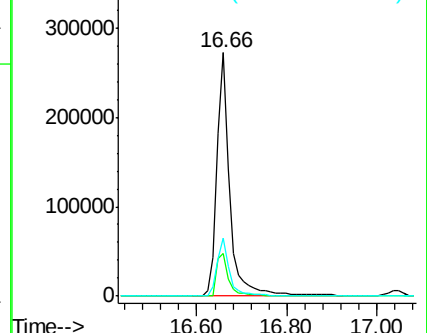
279 24.0 19.6 29.4

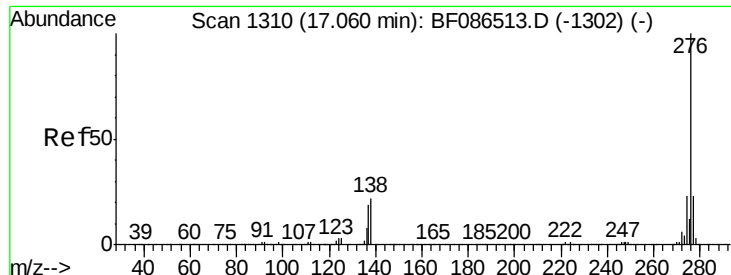


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 34.60 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.01 min

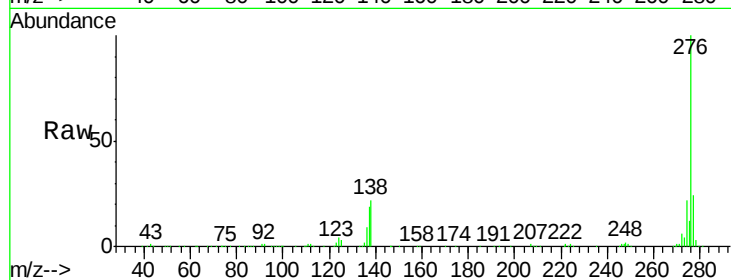
Lab File: BF086533.D

Acq: 30 Apr 2016 19:43

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 548956

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 22.4 23.6 35.4#

