

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086530.D
 Acq On : 30 Apr 2016 18:17
 Operator : UM/SJ
 Sample : PB90183BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:23:11 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	135110	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	594565	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	284499	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	571377	20.00	ng	0.00
75) Chrysene-d12	13.92	240	418721	20.00	ng	0.00
86) Perylene-d12	15.31	264	345373	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1021490	130.41	ng	0.01
7) Phenol-d6	6.41	99	1360069	124.41	ng	0.00
23) Nitrobenzene-d5	7.33	82	854700	77.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	384481	128.15	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1461940	91.37	ng	0.00
78) Terphenyl-d14	12.88	244	1508074	79.35	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	133917	32.55	ng	# 78
3) Pyridine	3.06	79	368728	37.86	ng	# 76
4) n-Nitrosodimethylamine	3.00	42	243381	43.85	ng	# 61
6) Aniline	6.43	93	277334	20.96	ng	# 61
8) 2-Chlorophenol	6.56	128	392546	40.24	ng	96
9) Benzaldehyde	6.30	77	47864	7.53	ng	96
10) Phenol	6.42	94	431551	35.38	ng	# 66
11) bis(2-Chloroethyl)ether	6.51	93	428083	40.60	ng	93
12) 1,3-Dichlorobenzene	6.70	146	386785	36.86	ng	# 94
13) 1,4-Dichlorobenzene	6.78	146	419864	38.78	ng	95
14) 1,2-Dichlorobenzene	6.93	146	373546	37.62	ng	95
15) Benzyl Alcohol	6.92	79	317642	45.93	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	811824	38.46	ng	90
17) 2-Methylphenol	7.04	107	346704	43.97	ng	94
18) Hexachloroethane	7.28	117	148794	36.77	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	289523	40.07	ng	# 70
20) 3+4-Methylphenols	7.18	107	388030	43.10	ng	# 89
22) Acetophenone	7.18	105	539157	41.36	ng	# 91
24) Nitrobenzene	7.36	77	458357	40.39	ng	95
25) Isophorone	7.60	82	813557	38.32	ng	98
26) 2-Nitrophenol	7.68	139	212062	40.59	ng	97
27) 2,4-Dimethylphenol	7.72	122	384467	41.94	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	492413	42.58	ng	98
29) 2,4-Dichlorophenol	7.92	162	342155	44.24	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	337508	37.62	ng	96
31) Naphthalene	8.08	128	1157791	38.27	ng	99
32) Benzoic acid	7.85	122	179442	35.19	ng	86
33) 4-Chloroaniline	8.13	127	114652	10.12	ng	99
34) Hexachlorobutadiene	8.20	225	183322	36.45	ng	98
35) Caprolactam	8.53	113	36257	14.05	ng	# 68
36) 4-Chloro-3-methylphenol	8.62	107	390918	44.14	ng	97
37) 2-Methylnaphthalene	8.77	142	755629	42.33	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	299628	36.79	ng	98
40) Hexachlorocyclopentadiene	8.92	237	313683	77.51	ng	95

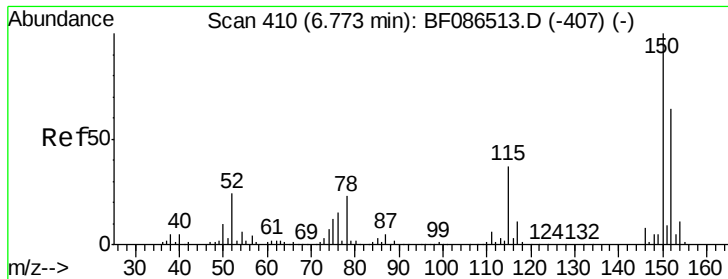
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086530.D
 Acq On : 30 Apr 2016 18:17
 Operator : UM/SJ
 Sample : PB90183BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:23:11 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)
42) 2,4,6-Trichlorophenol	9.05	196	219241	42.59	nq	94
43) 2,4,5-Trichlorophenol	9.09	196	232388	41.42	nq #	92
45) 1,1'-Biphenyl	9.23	154	880209	37.01	nq	96
46) 2-Chloronaphthalene	9.25	162	682495	37.75	nq	94
47) 2-Nitroaniline	9.36	65	278009	47.95	nq	93
48) Acenaphthylene	9.66	152	1074842	38.03	nq	98
49) Dimethylphthalate	9.54	163	870934	40.66	nq	100
50) 2,6-Dinitrotoluene	9.60	165	181793	41.09	nq #	86
51) Acenaphthene	9.84	154	766800	42.24	nq	98
52) 3-Nitroaniline	9.77	138	79726	15.84	nq	97
53) 2,4-Dinitrophenol	9.87	184	180127	74.99	nq #	75
54) Dibenzofuran	10.02	168	978271	43.12	nq	94
55) 4-Nitrophenol	9.94	139	298035	90.45	nq #	74
56) 2,4-Dinitrotoluene	10.00	165	247236	43.83	nq #	83
57) Fluorene	10.35	166	715781	36.34	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	202076	46.07	nq	98
59) Diethylphthalate	10.24	149	812578	40.08	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	358947	40.13	nq #	85
61) 4-Nitroaniline	10.38	138	205685	41.81	nq	92
62) Azobenzene	10.51	77	1007602	45.37	nq	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	135243	40.32	nq #	73
65) n-Nitrosodiphenylamine	10.46	169	676146	37.86	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	213276	36.22	nq #	78
67) Hexachlorobenzene	10.90	284	247816	36.36	nq #	79
68) Atrazine	11.00	200	247618	46.18	nq	95
69) Pentachlorophenol	11.09	266	257379	71.63	nq	99
70) Phenanthrene	11.31	178	1115263	37.19	nq	99
71) Anthracene	11.37	178	1304414	40.76	nq	100
72) Carbazole	11.52	167	1108394	39.08	nq	99
73) Di-n-butylphthalate	11.86	149	1335153	41.55	nq	99
74) Fluoranthene	12.50	202	1247772	41.22	nq	92
76) Benzidine	12.62	184	349888	24.32	nq	95
77) Pyrene	12.72	202	1202012	39.84	nq	100
79) Butylbenzylphthalate	13.34	149	515470	39.45	nq #	72
80) Benzo(a)anthracene	13.91	228	917041	41.08	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	156118	10.46	nq	98
82) Chrysene	13.94	228	956983	39.44	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	567651	35.00	nq #	95
84) Di-n-octyl phthalate	14.52	149	989279	38.95	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.65	276	842812	46.87	nq	97
87) Benzo(b)fluoranthene	14.95	252	1668323	82.11	nq	99
88) Benzo(k)fluoranthene	14.95	252	1670518	78.82	nq	98
89) Benzo(a)pyrene	15.25	252	776173	40.46	nq	97
90) Dibenzo(a,h)anthracene	16.66	278	700368	44.61	nq	99
91) Benzo(g,h,i)perylene	17.05	276	711089	45.20	nq	96

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

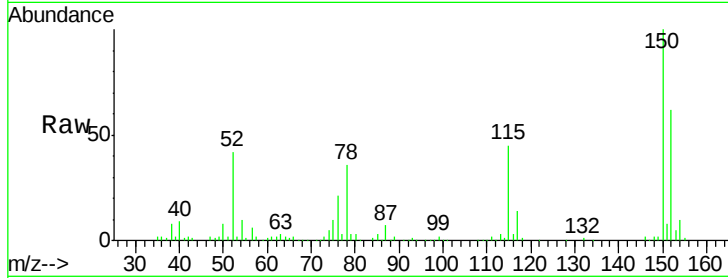


#1

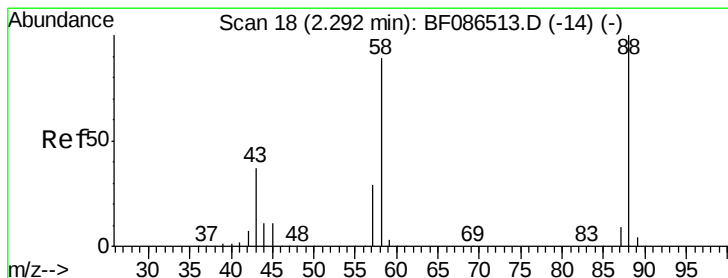
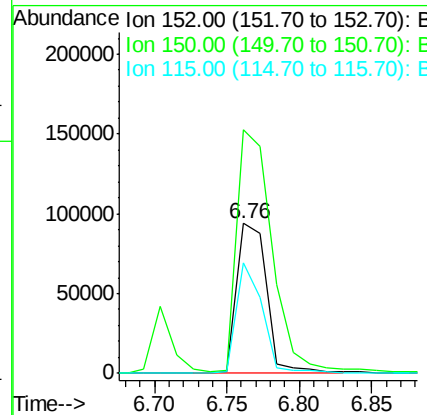
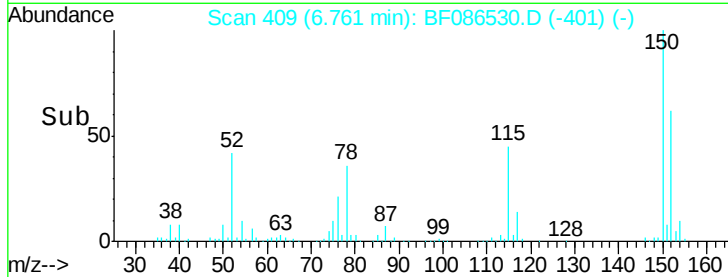
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	152	Resp	135110
Ion	Ratio	Lower	Upper
152	100		
150	162.4	125.8	188.6
115	73.8	51.5	77.3



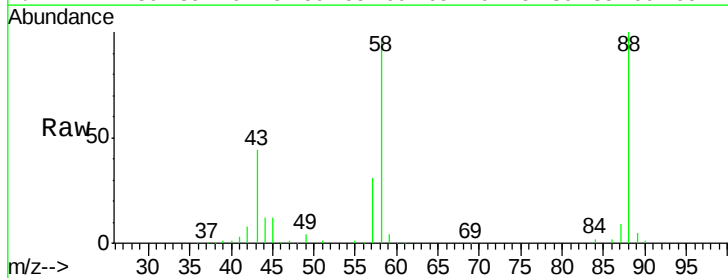
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



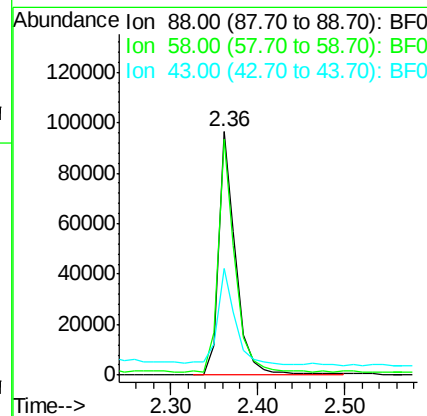
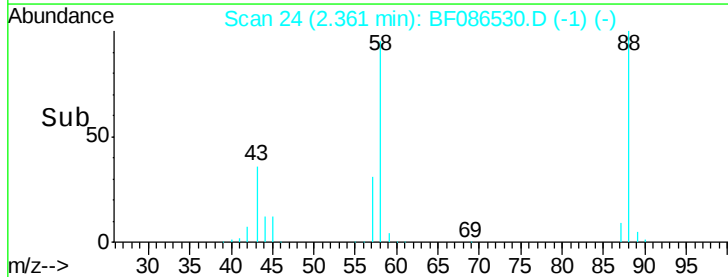
#2

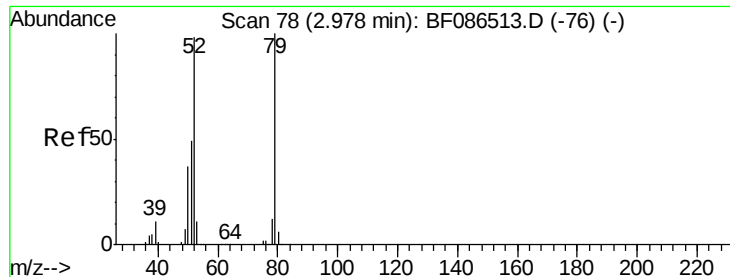
1,4-Dioxane
Concen: 32.55 ng
RT: 2.36 min Scan# 24
Delta R.T. 0.07 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion	88	Resp	133917
Ion	Ratio	Lower	Upper
88	100		
58	92.7	59.6	89.4#
43	39.3	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: 37.86 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.08 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

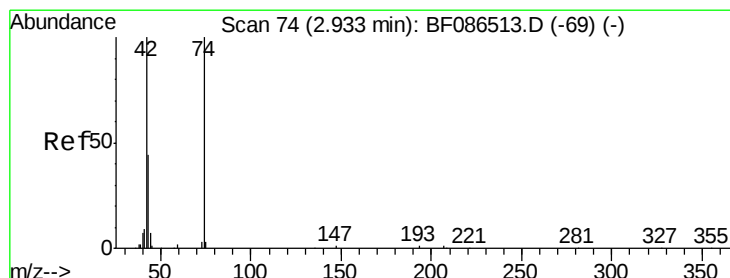
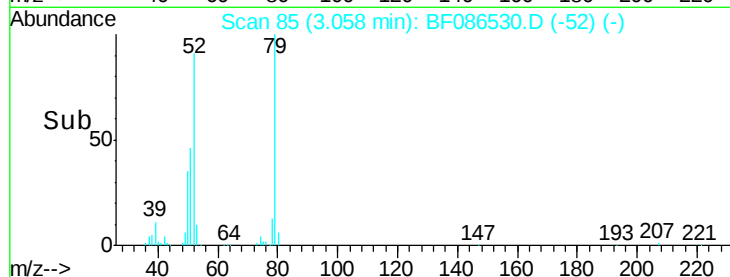
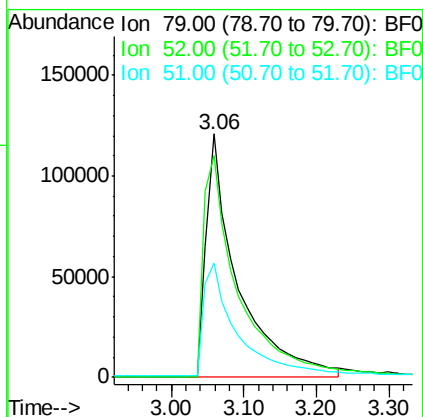
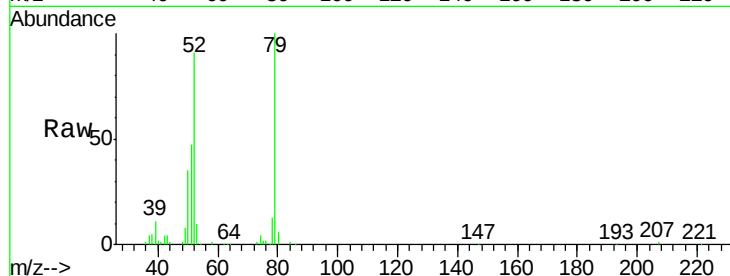
Tot Ion: 79 Resp: 368728

Ion Ratio Lower Upper

79 100

52 91.0 55.9 83.9#

51 46.9 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 43.85 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.07 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

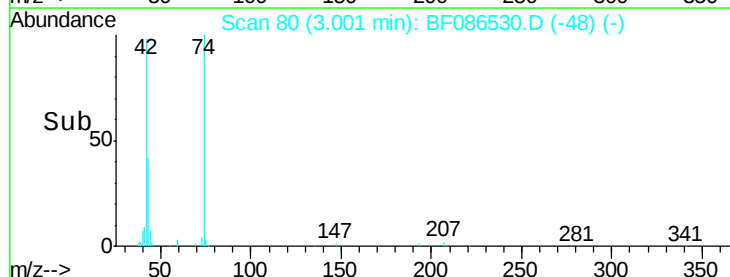
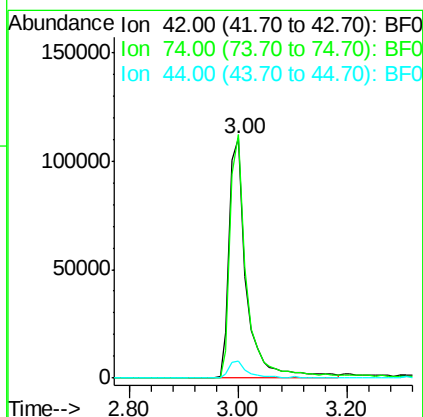
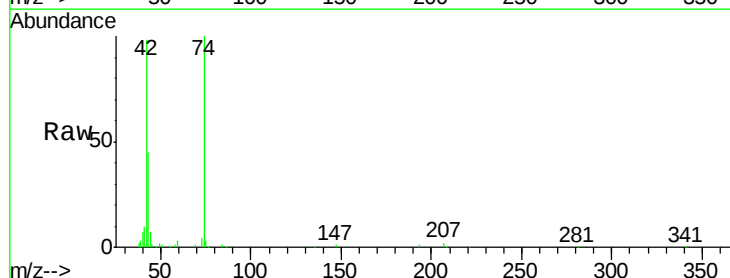
Tgt Ion: 42 Resp: 243381

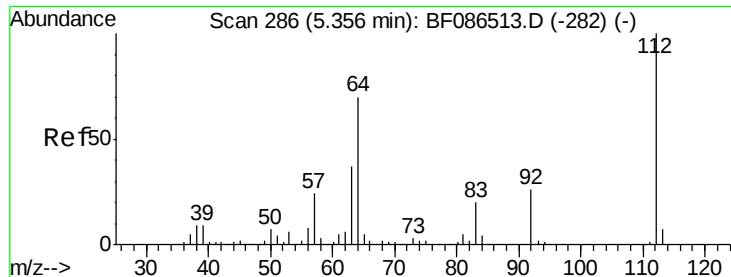
Ion Ratio Lower Upper

42 100

74 101.7 123.4 185.0#

44 7.0 5.8 8.6





#5

2-Fluorophenol

Concen: 130.41 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

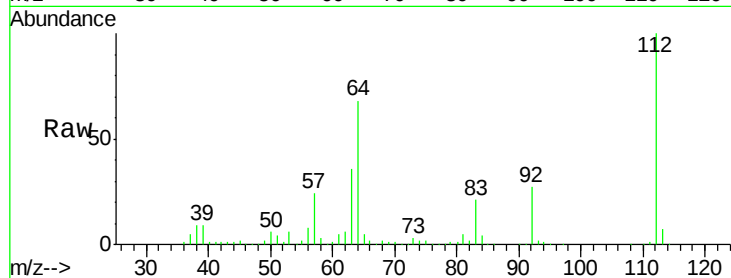
Tot Ion:112 Resp: 1021490

Ion Ratio Lower Upper

112 100

64 68.5 52.1 78.1

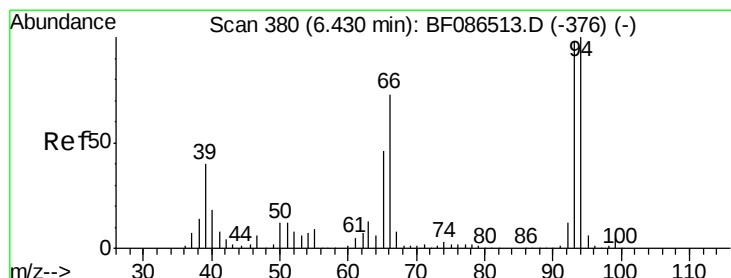
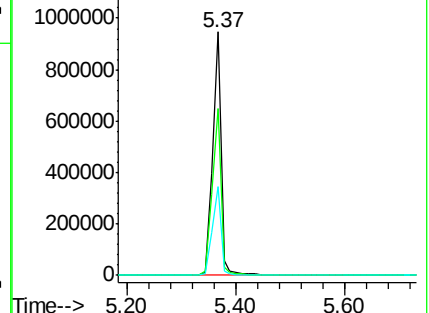
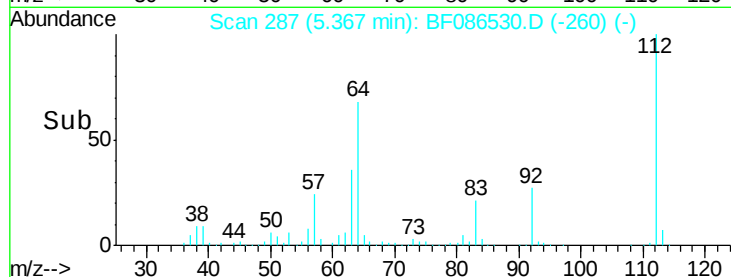
63 36.5 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.96 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

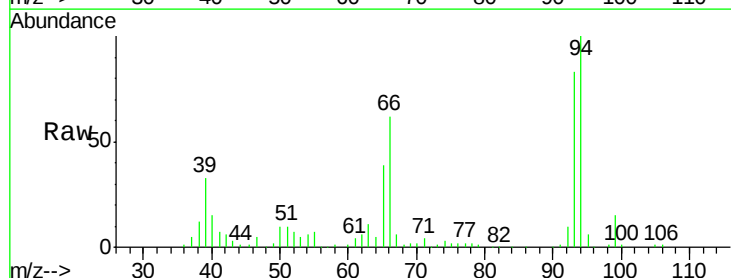
Tgt Ion: 93 Resp: 277334

Ion Ratio Lower Upper

93 100

66 74.2 39.0 58.6#

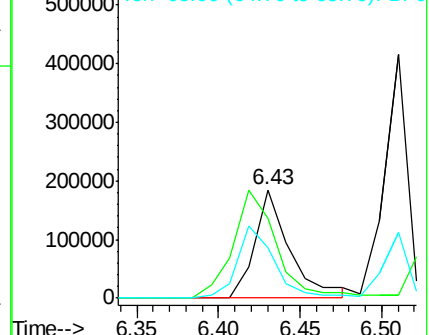
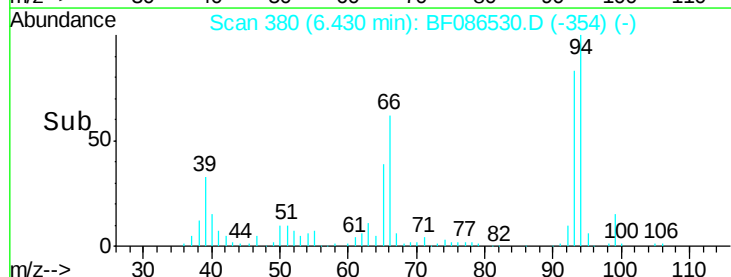
65 46.5 20.6 31.0#

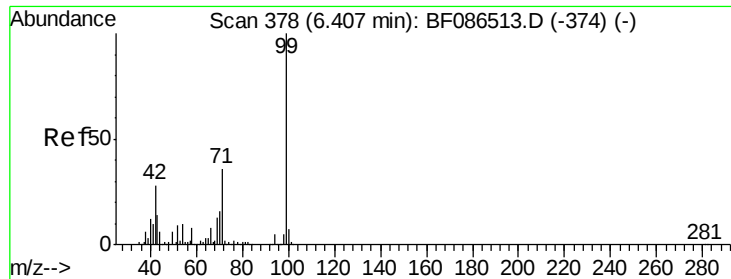


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.41 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

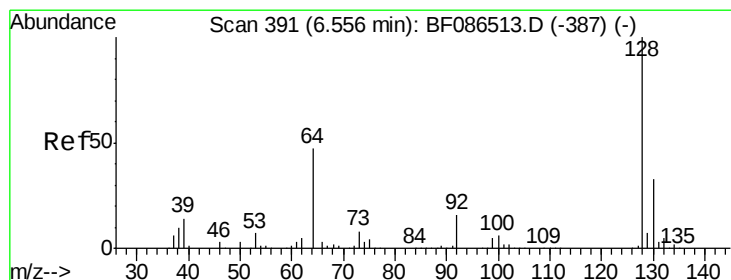
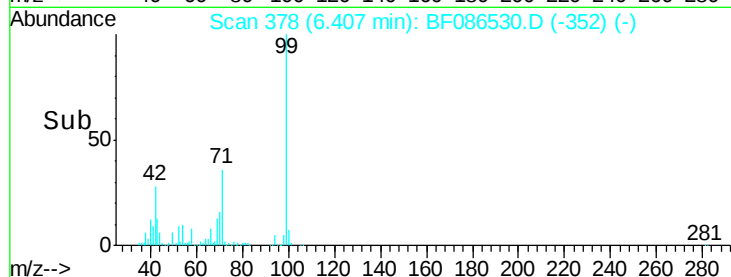
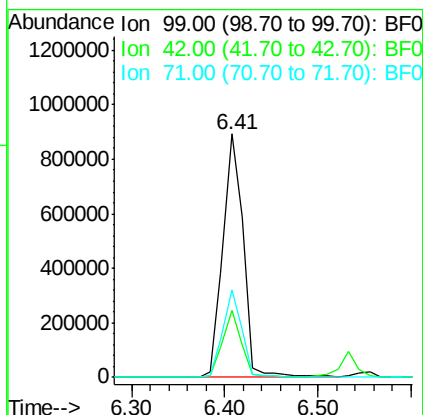
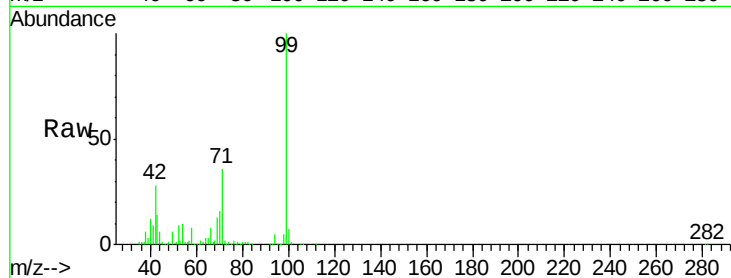
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1360069

Ion	Ratio	Lower	Upper
99	100		
42	27.8	13.6	20.4#
71	36.1	24.6	36.8



#8

2-Chlorophenol

Concen: 40.24 ng

RT: 6.56 min Scan# 391

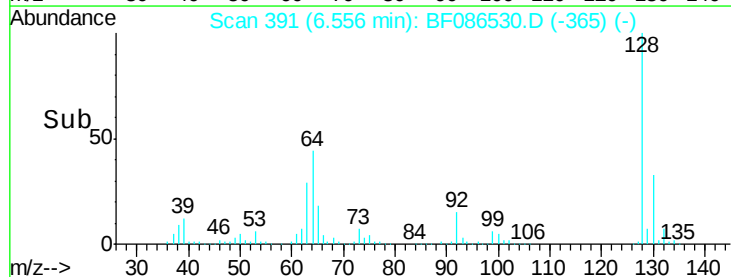
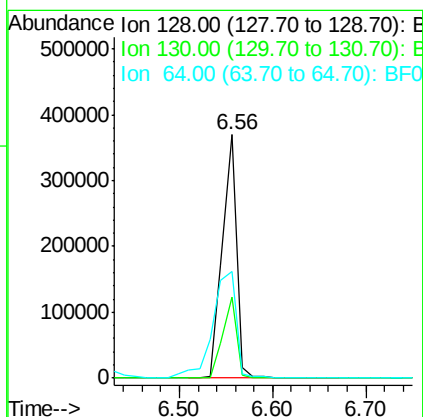
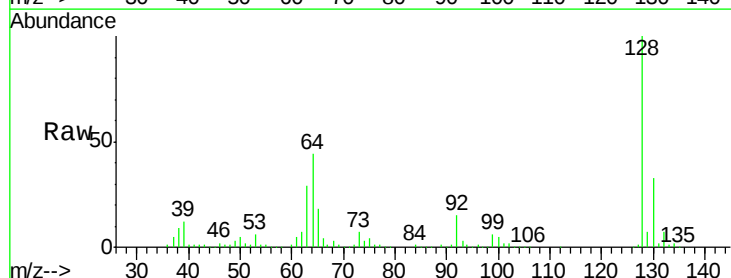
Delta R.T. -0.00 min

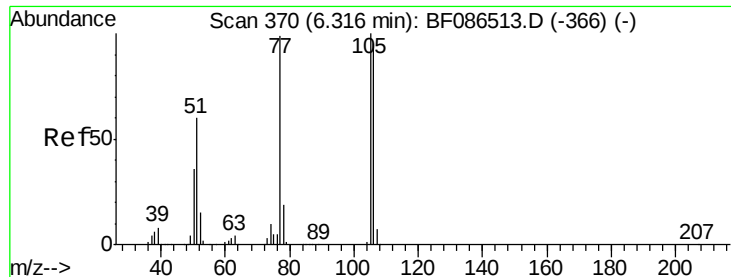
Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Tgt Ion: 128 Resp: 392546

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.5	52.5
64	43.9	27.3	67.3





#9

Benzaldehyde

Concen: 7.53 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

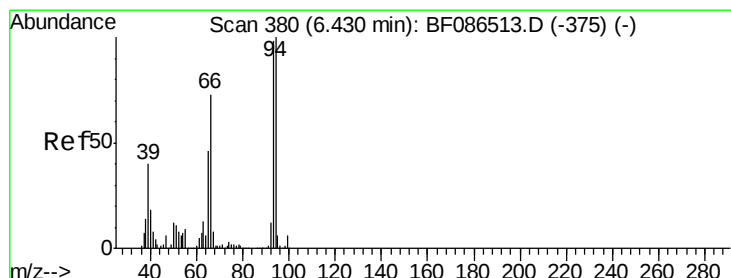
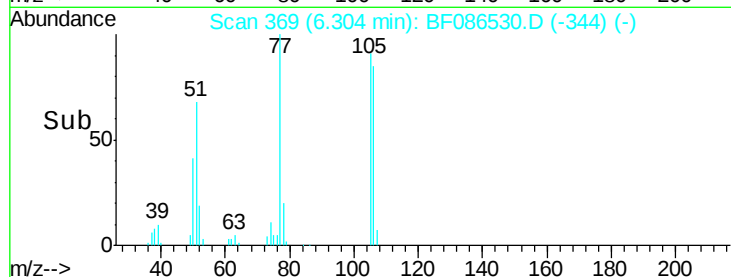
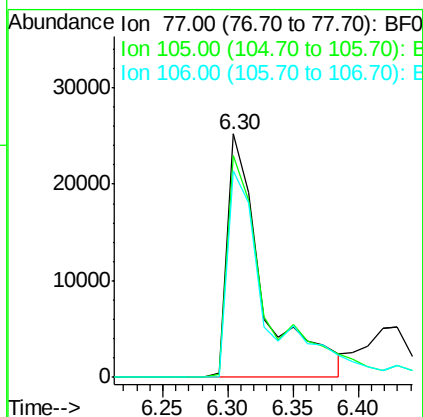
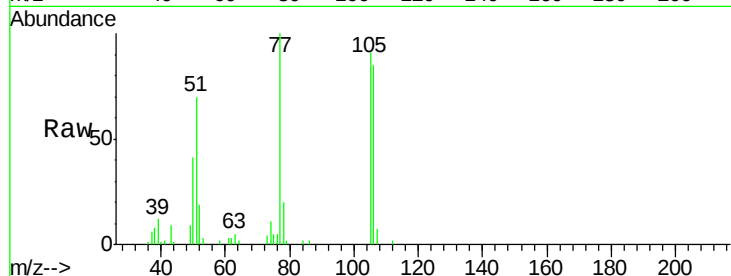
Tot Ion: 77 Resp: 47864

Ion Ratio Lower Upper

77 100

105 91.1 72.7 112.7

106 84.9 70.8 110.8



#10

Phenol

Concen: 35.38 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

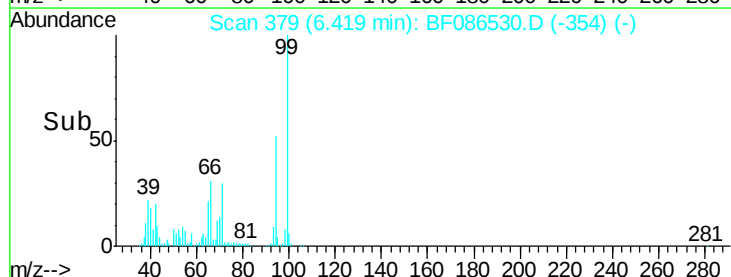
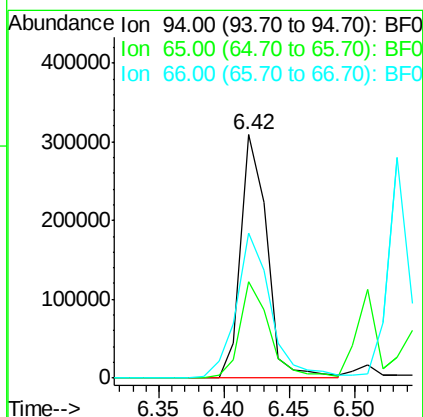
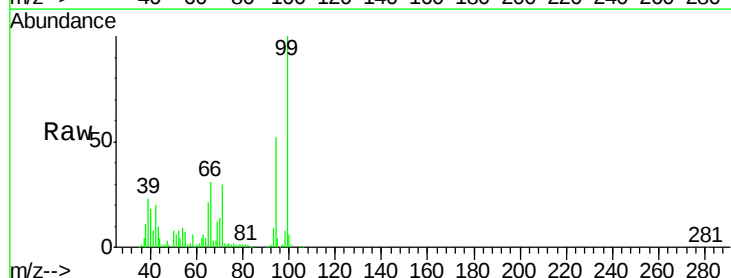
Tgt Ion: 94 Resp: 431551

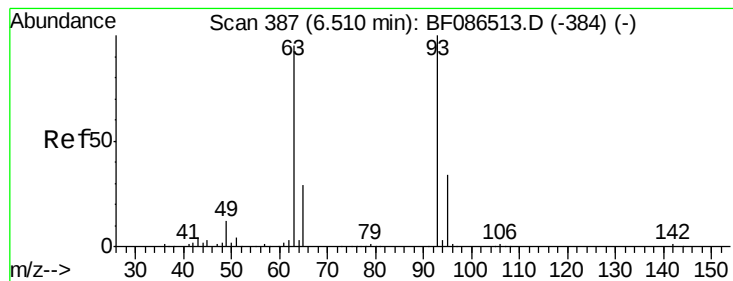
Ion Ratio Lower Upper

94 100

65 39.6 7.2 47.2

66 59.4 14.9 54.9#

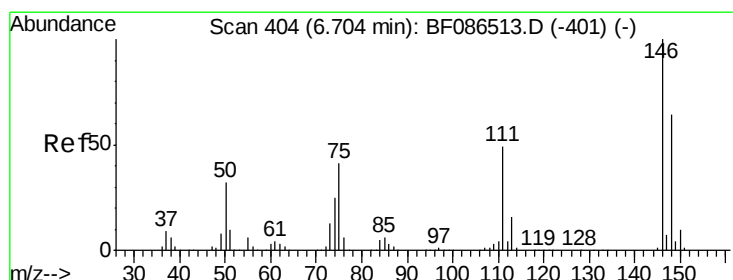
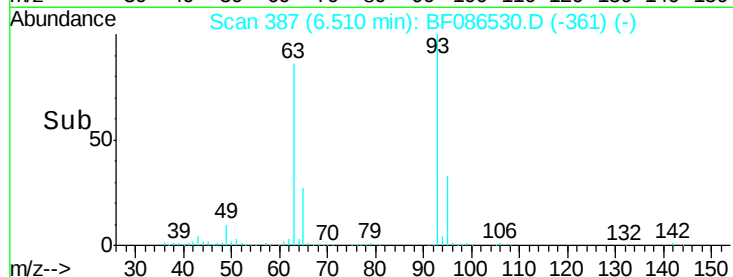
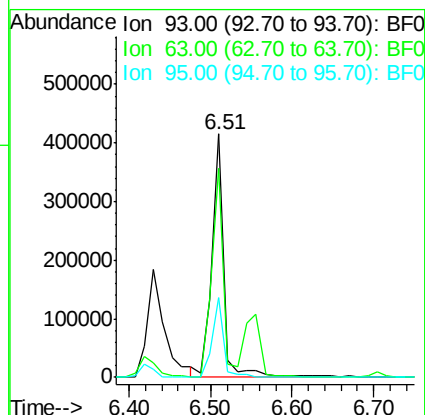
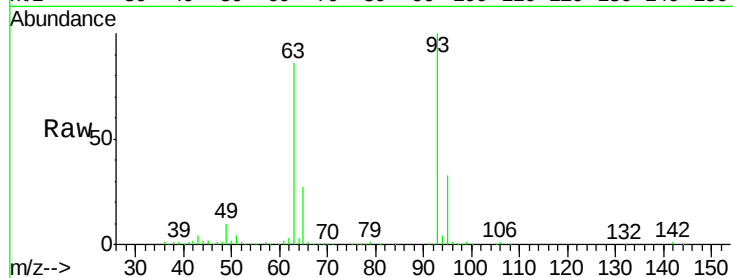




#11
 bis(2-Chloroethyl)ether
 Concen: 40.60 ng
 RT: 6.51 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

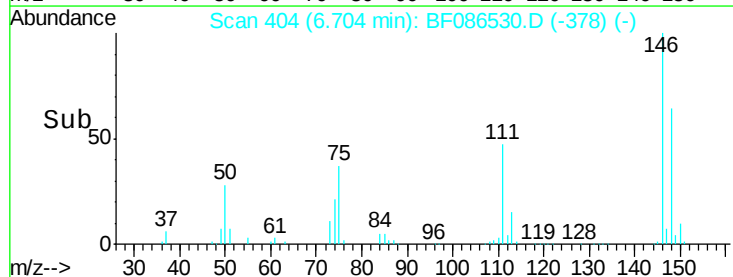
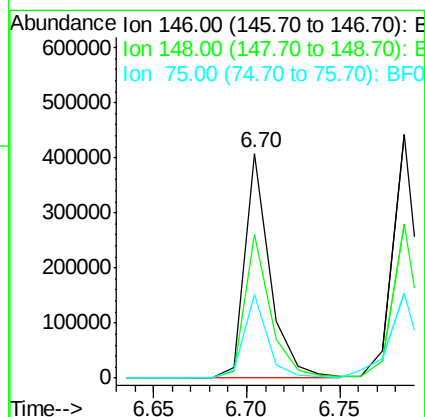
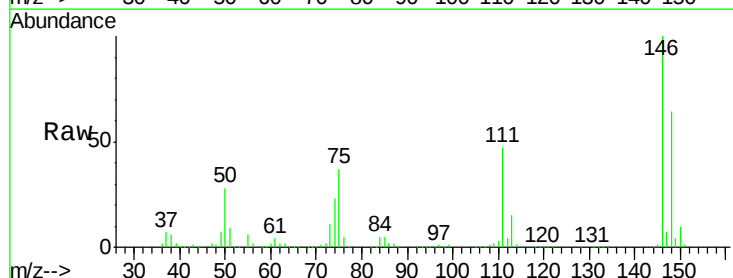
Instrument :
 BNA_F
 ClientSampleId :

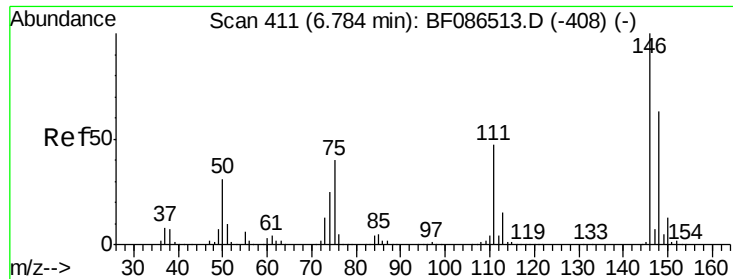
Tot Ion: 93 Resp: 428083
 Ion Ratio Lower Upper
 93 100
 63 85.7 58.0 98.0
 95 32.7 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 36.86 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion: 146 Resp: 386785
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.4 78.6
 75 37.3 22.8 34.2#

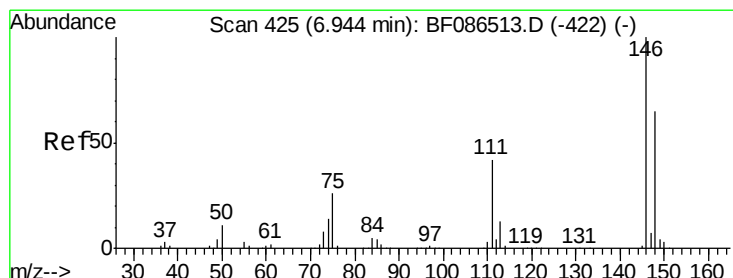
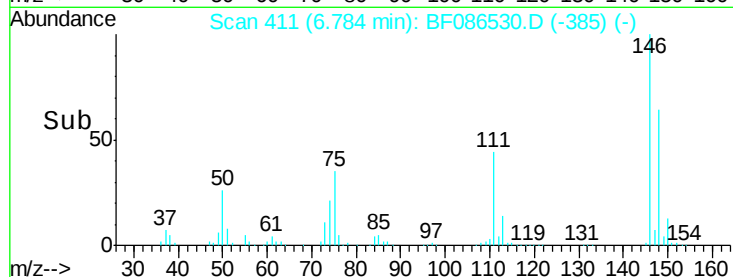
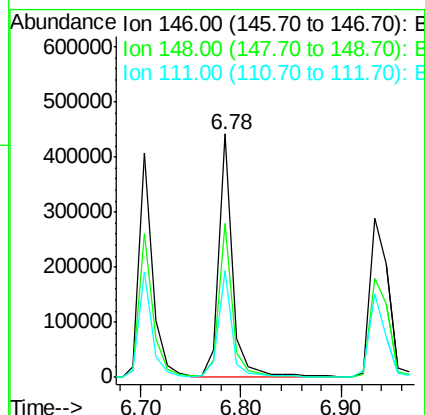
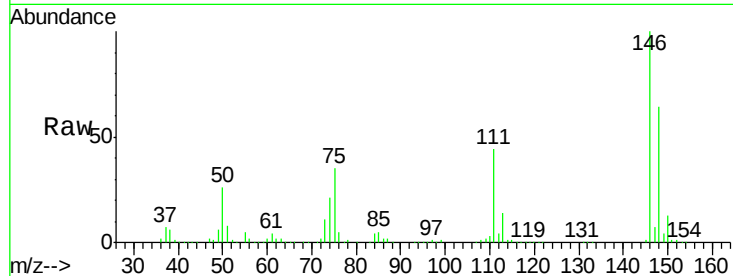




#13
 1,4-Dichlorobenzene
 Concen: 38.78 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

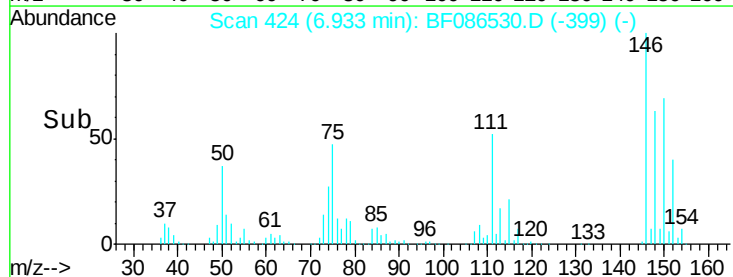
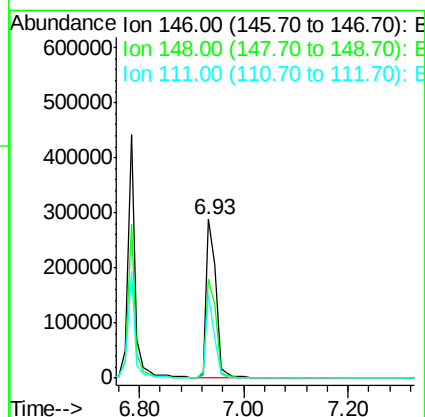
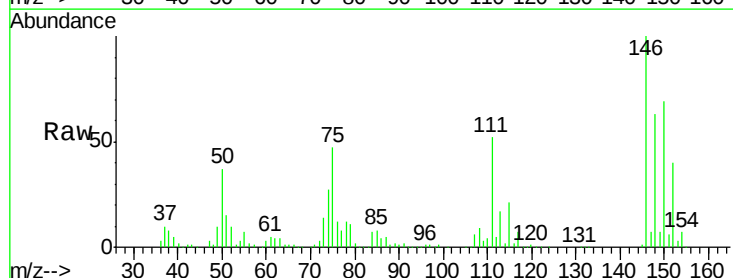
Instrument :
 BNA_F
 ClientSampled :

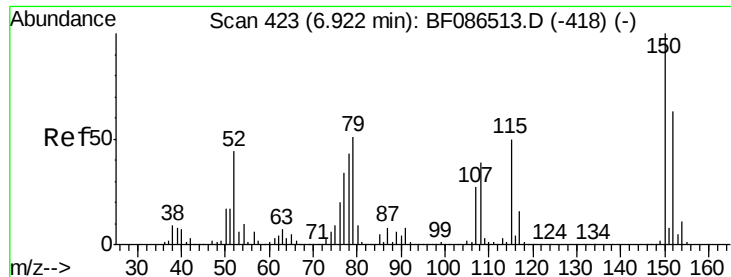
Tot Ion:146 Resp: 419864
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.4
 111 43.6 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 37.62 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion:146 Resp: 373546
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.0 76.6
 111 52.4 36.2 54.4

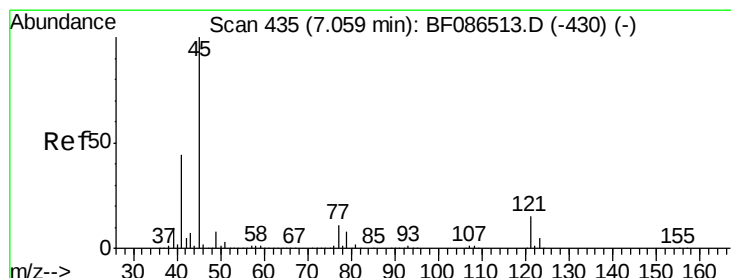
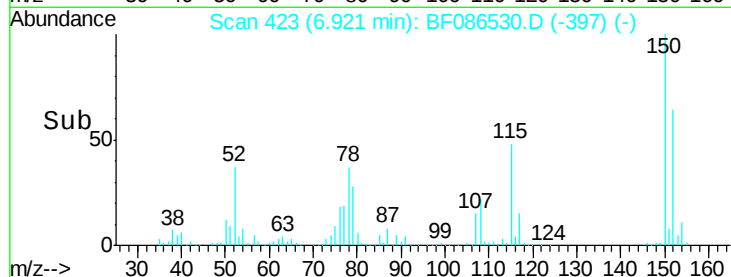
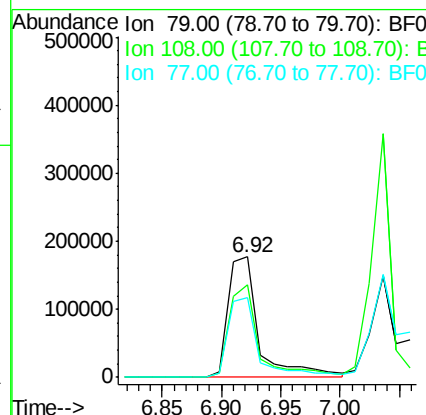
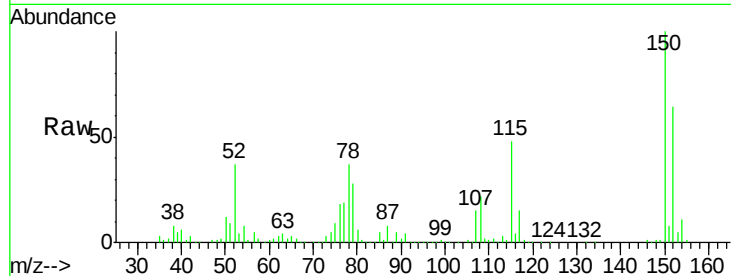




#15
Benzyl Alcohol
Concen: 45.93 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

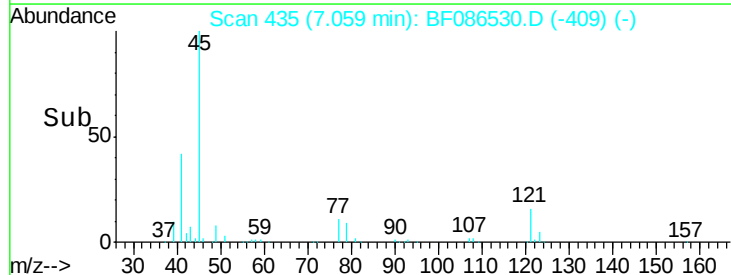
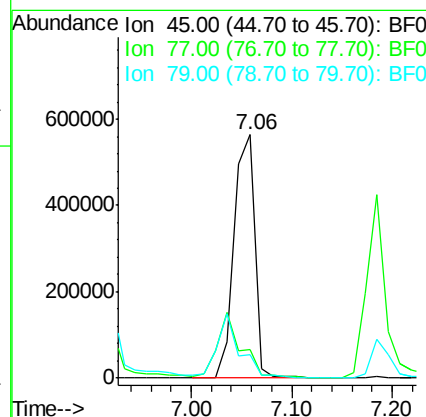
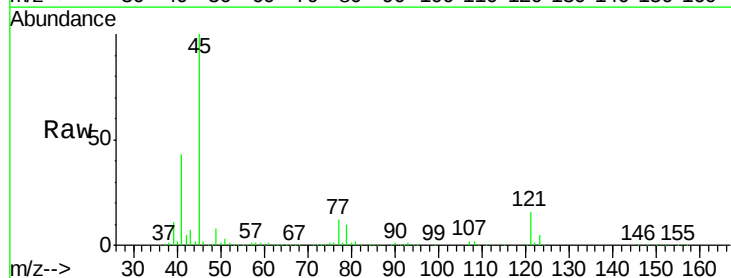
Instrument :
BNA_F
ClientSampled :

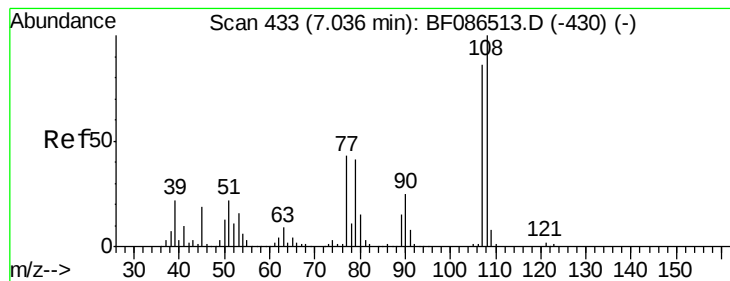
Tot Ion: 79 Resp: 317642
Ion Ratio Lower Upper
79 100
108 77.0 68.4 102.6
77 66.3 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.46 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion: 45 Resp: 811824
Ion Ratio Lower Upper
45 100
77 11.9 0.0 36.4
79 9.7 0.0 33.4

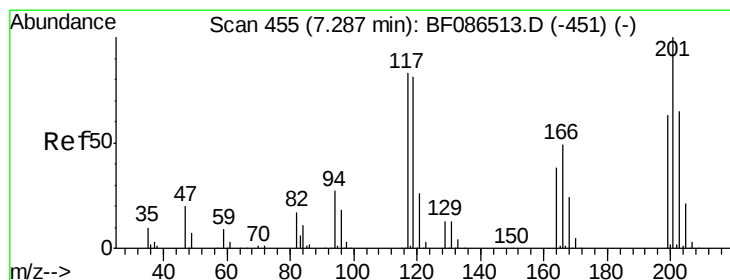
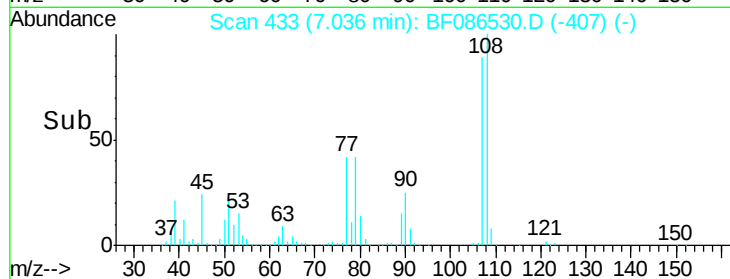
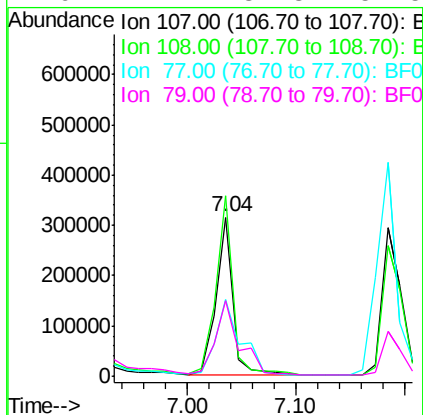
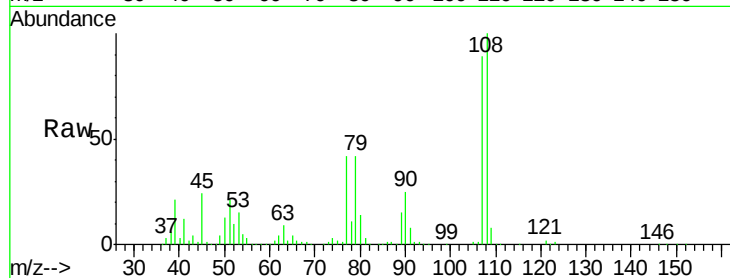




#17
2-Methylphenol
Concen: 43.97 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

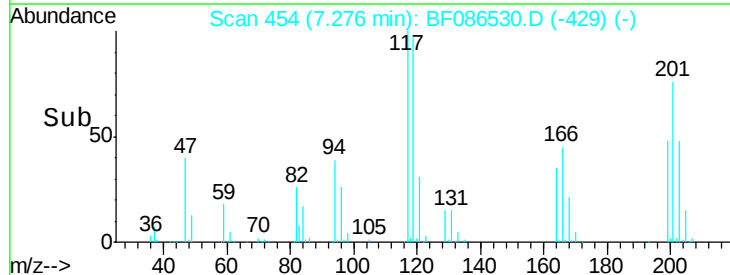
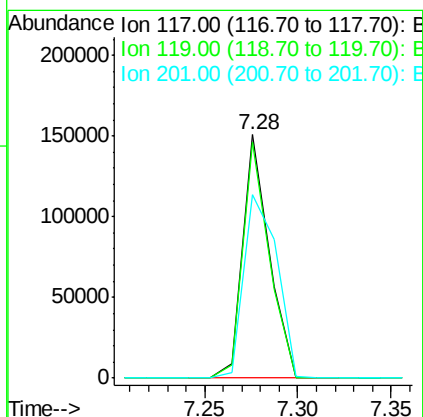
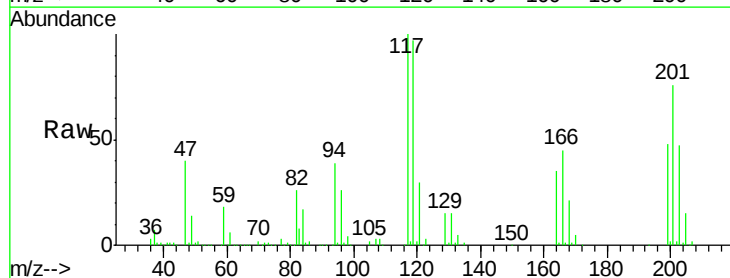
Instrument :
BNA_F
ClientSampleId :

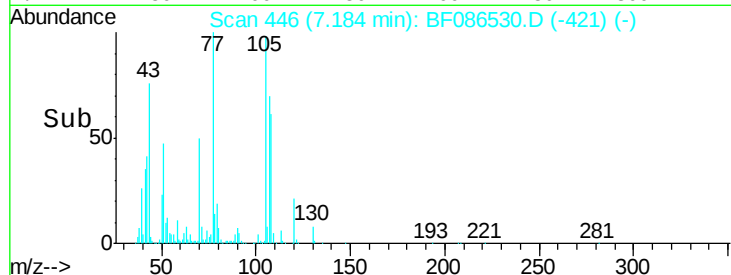
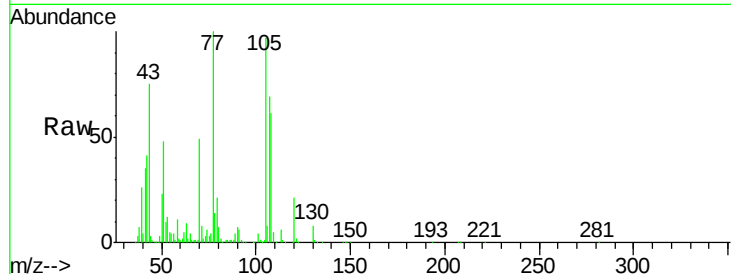
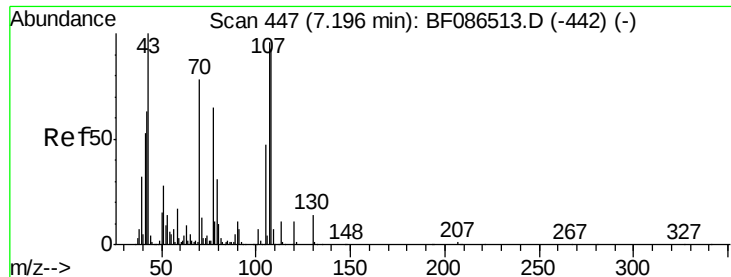
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	93.7	140.5
77	47.9	33.4	50.0
79	47.1	34.3	51.5



#18
Hexachloroethane
Concen: 36.77 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.5	114.7
201	75.5	63.0	94.6

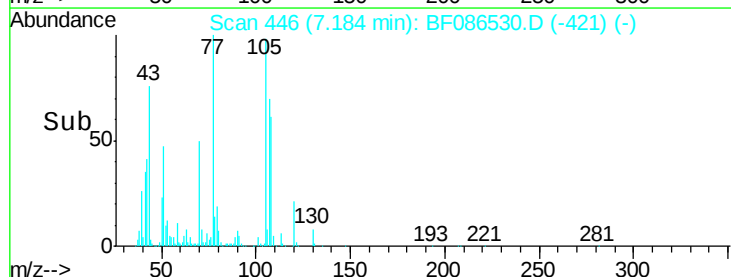
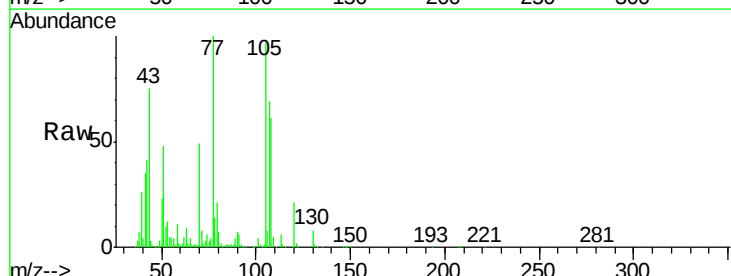
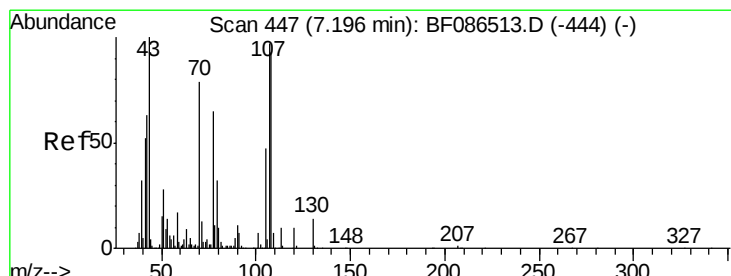
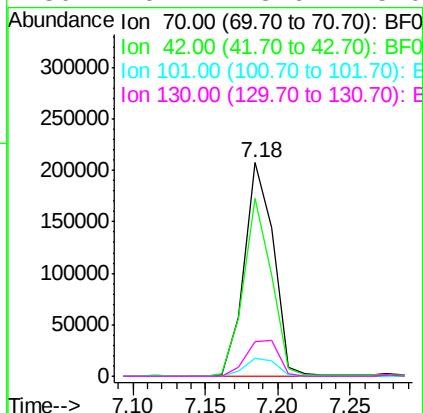




#19
n-Nitroso-di-n-propylamine
Concen: 40.07 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

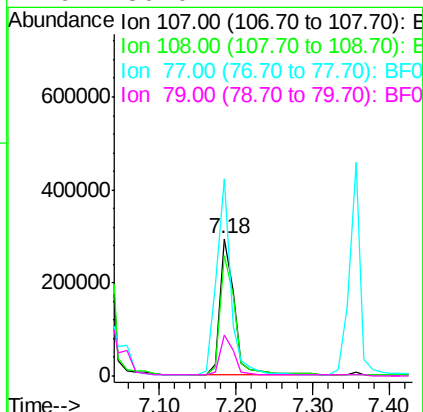
Instrument :
BNA_F
ClientSampleId :

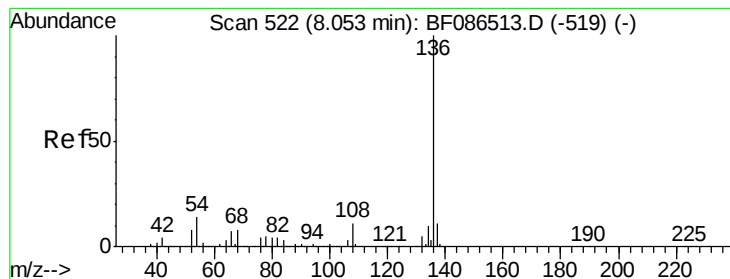
Tot Ion: 70 Resp: 289523
Ion Ratio Lower Upper
70 100
42 83.6 43.1 64.7#
101 8.4 8.1 12.1
130 16.4 18.6 28.0#



#20
3+4-Methylphenols
Concen: 43.10 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion:107 Resp: 388030
Ion Ratio Lower Upper
107 100
108 87.7 68.5 108.5
77 144.0 101.6 141.6#
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: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 594565

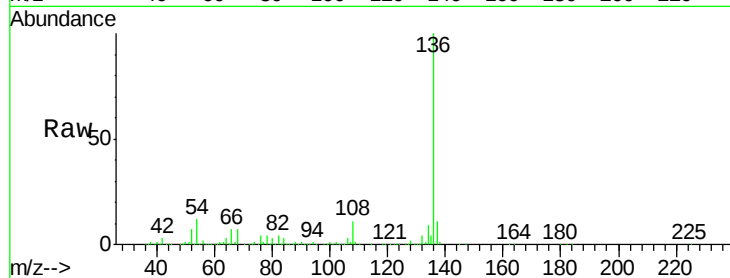
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 11.8 5.0 7.4#

68 7.1 4.4 6.6#

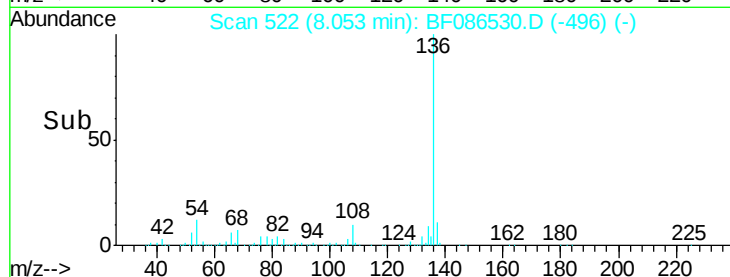


Abundance Ion 136.00 (135.70 to 136.70): E

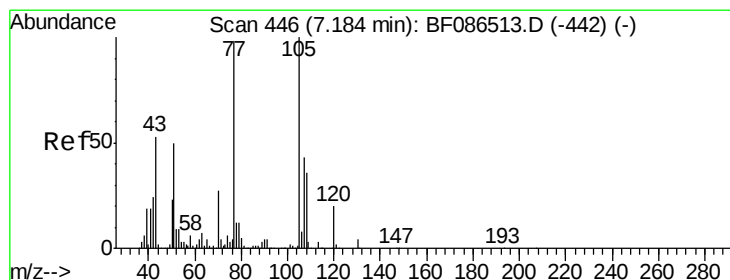
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 41.36 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Tgt Ion:105 Resp: 539157

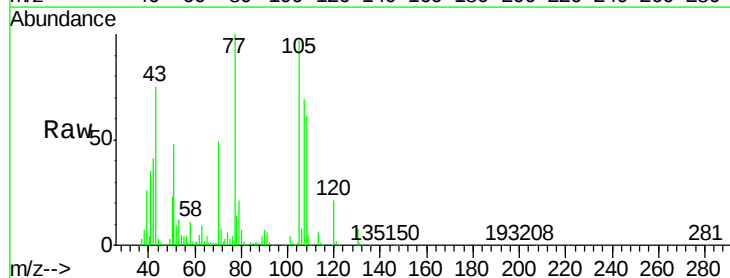
Ion Ratio Lower Upper

105 100

71 8.4 4.8 7.2#

51 49.4 32.6 49.0#

120 21.3 16.5 24.7

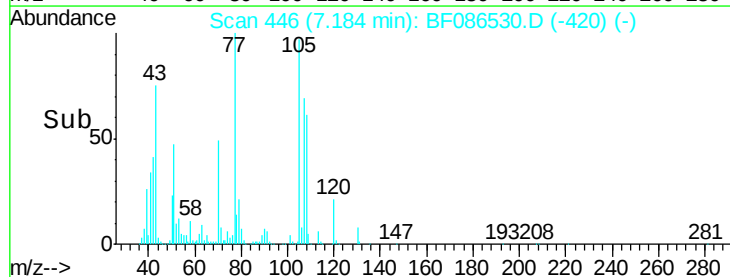


Abundance Ion 105.00 (104.70 to 105.70): E

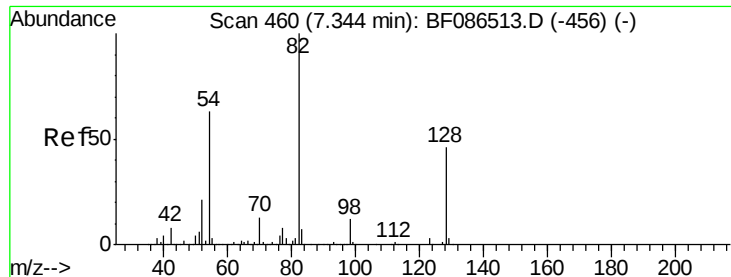
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



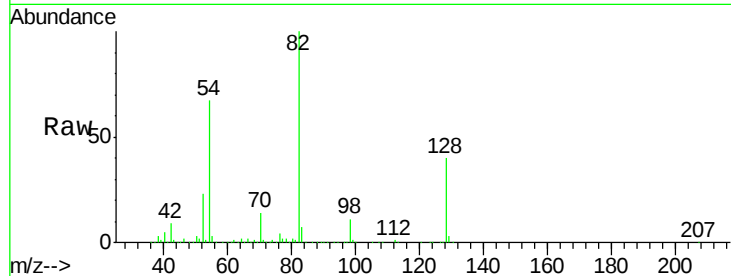
Time-->



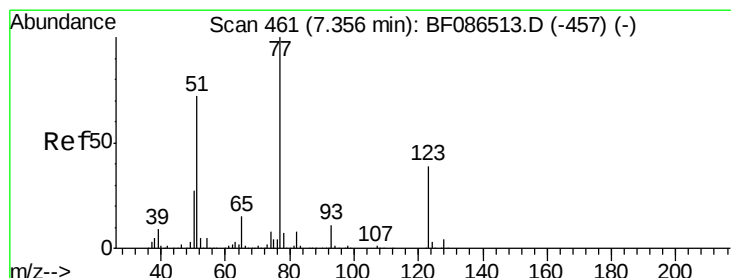
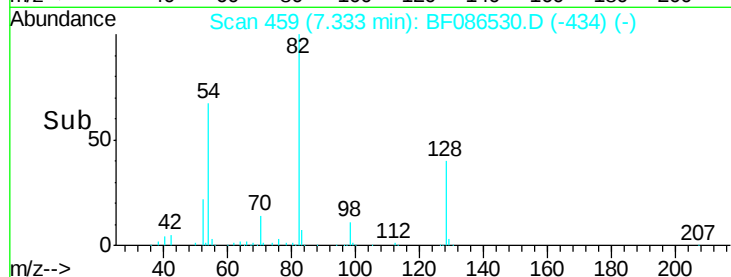
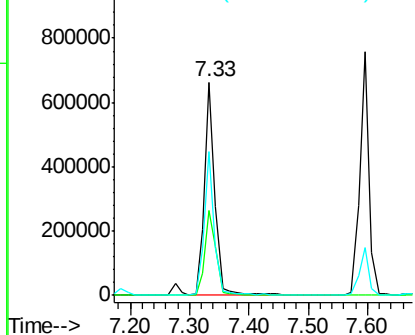
#23
Nitrobenzene-d5
Concen: 77.48 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 854700
Ion Ratio Lower Upper
82 100
128 39.7 40.6 61.0#
54 67.4 38.1 57.1#

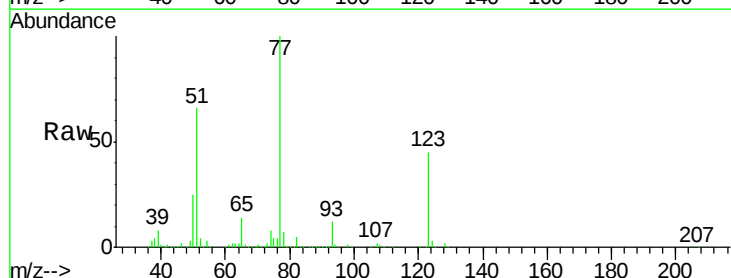


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

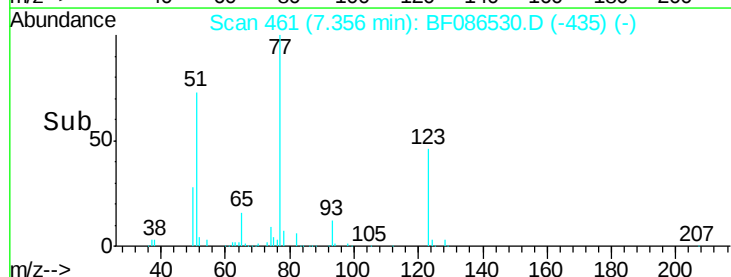
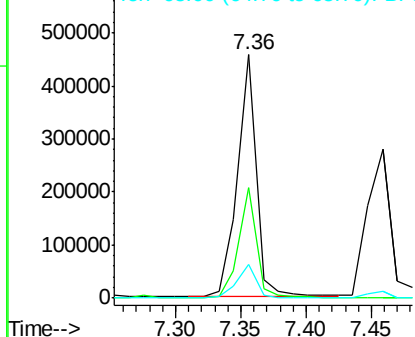


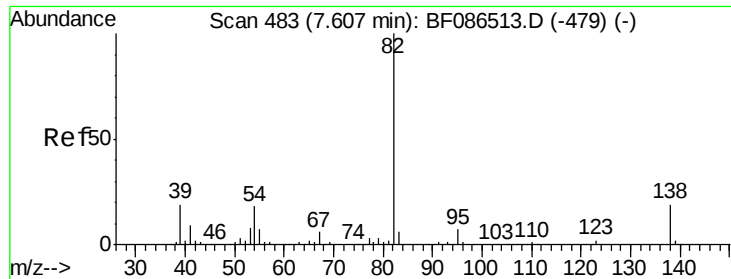
#24
Nitrobenzene
Concen: 40.39 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion: 77 Resp: 458357
Ion Ratio Lower Upper
77 100
123 45.1 33.0 49.4
65 14.0 10.8 16.2



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





#25

Isophorone

Concen: 38.32 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampled :

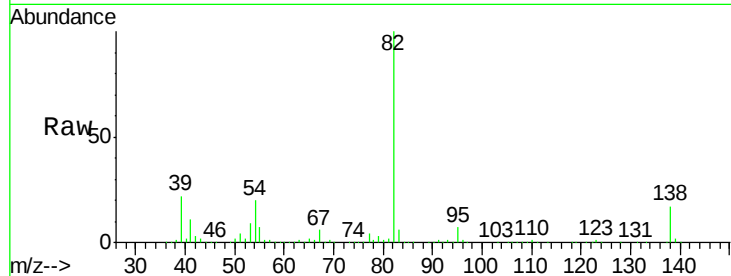
Tot Ion: 82 Resp: 813557

Ion Ratio Lower Upper

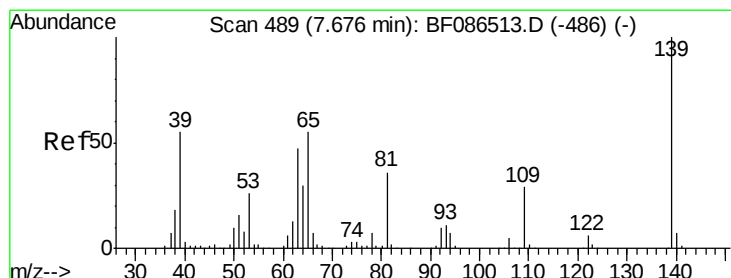
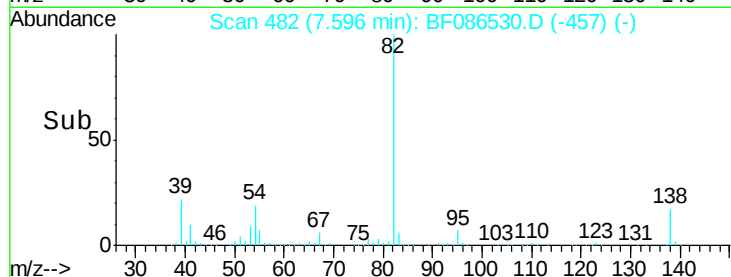
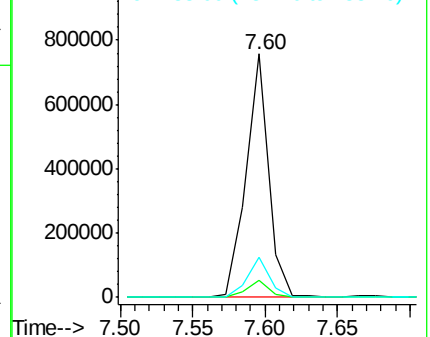
82 100

95 6.8 5.1 7.7

138 16.5 12.4 18.6



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



#26

2-Nitrophenol

Concen: 40.59 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

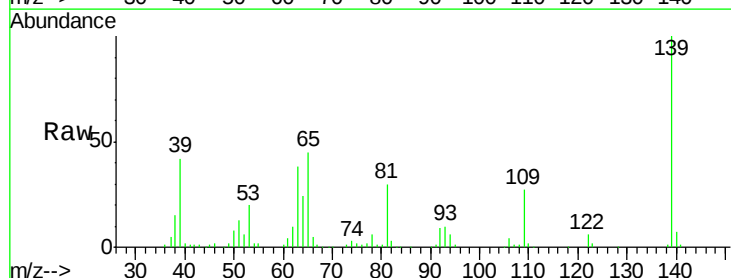
Tgt Ion: 139 Resp: 212062

Ion Ratio Lower Upper

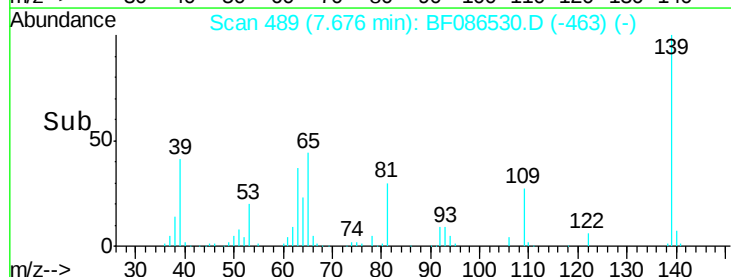
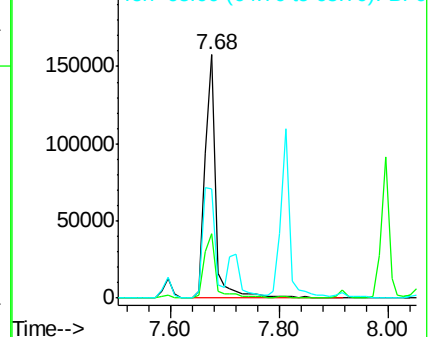
139 100

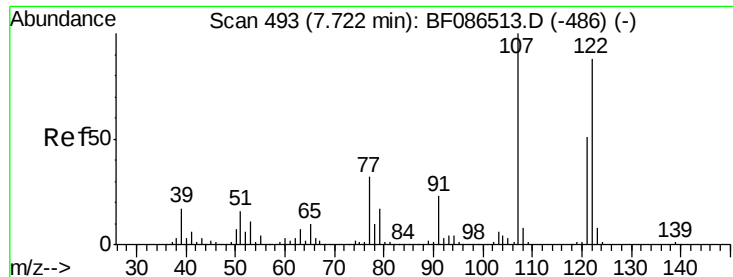
109 26.5 19.5 29.3

65 45.0 37.5 56.3



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

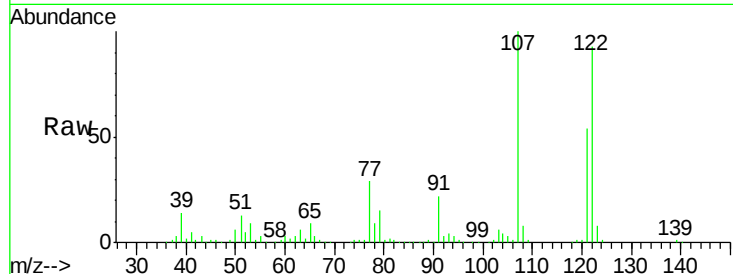




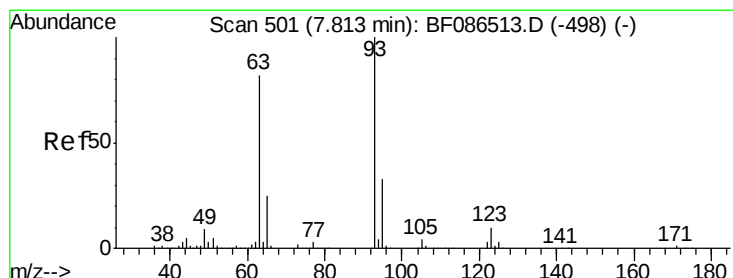
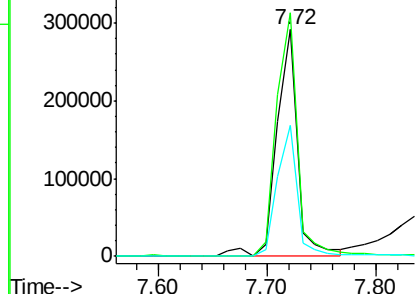
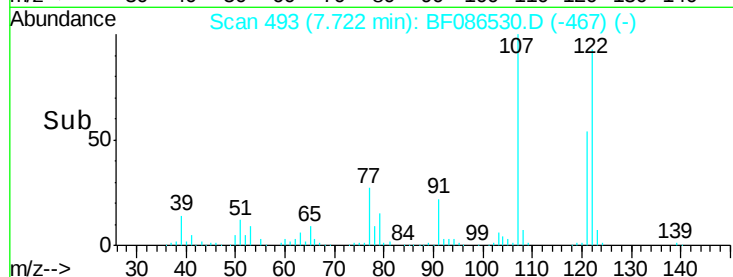
#27
 2,4-Dimethylphenol
 Concen: 41.94 ng
 RT: 7.72 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 384467
 Ion Ratio Lower Upper
 122 100
 107 107.5 82.0 123.0
 121 57.9 46.1 69.1

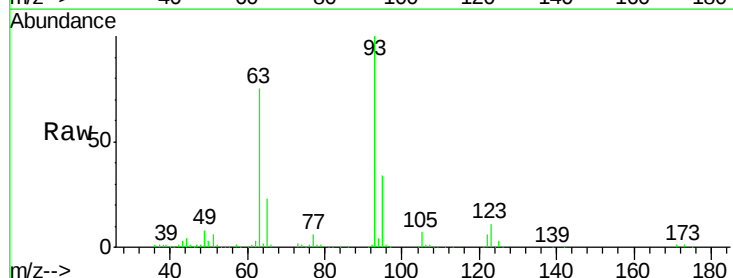


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

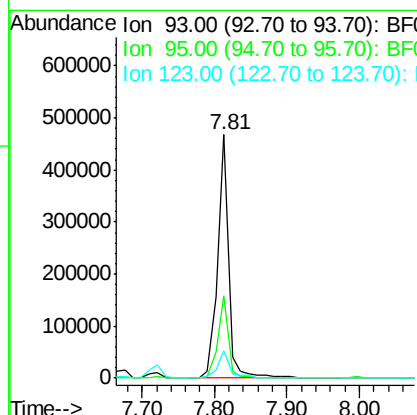
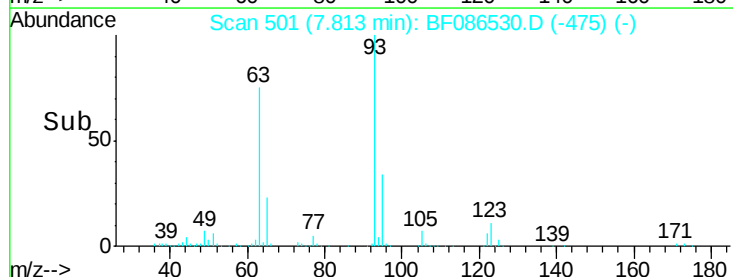


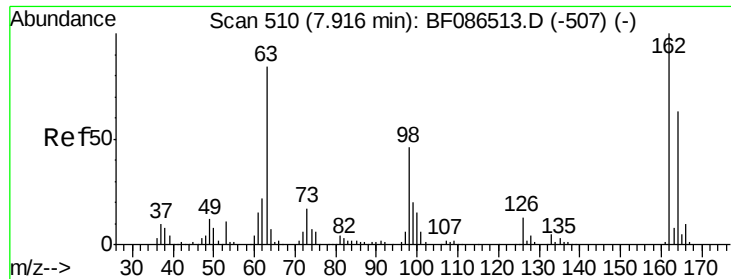
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.58 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion: 93 Resp: 492413
 Ion Ratio Lower Upper
 93 100
 95 33.7 26.0 39.0
 123 11.0 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

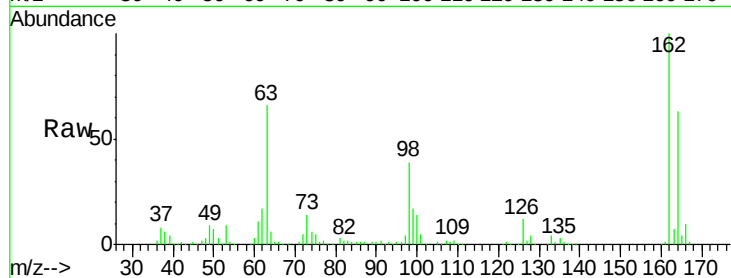




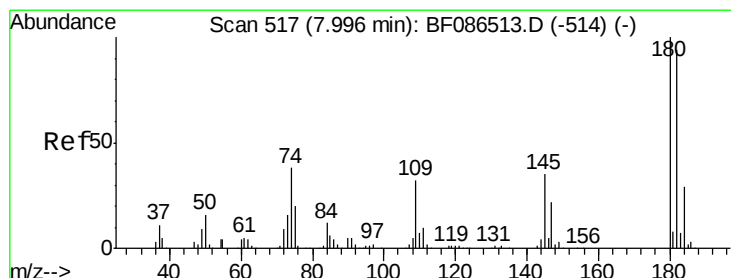
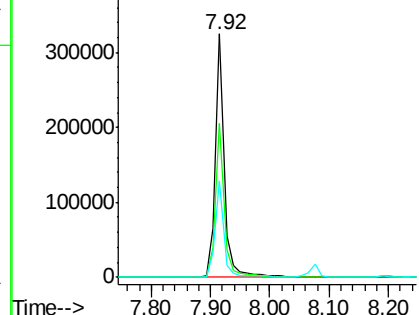
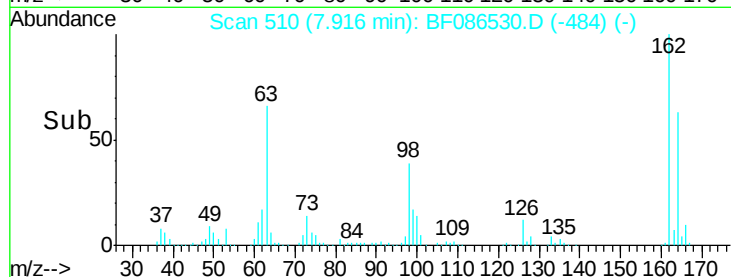
#29
2,4-Dichlorophenol
Concen: 44.24 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.2	82.2
98	39.4	19.0	59.0

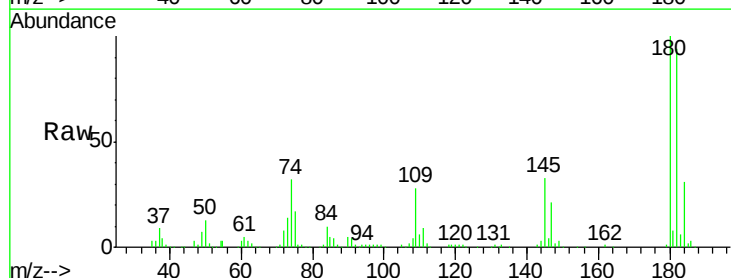


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

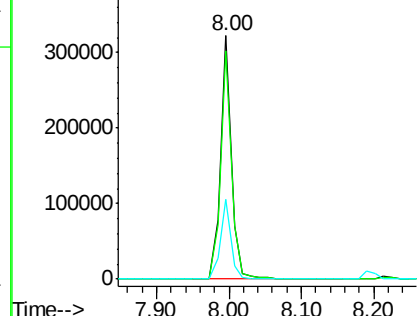
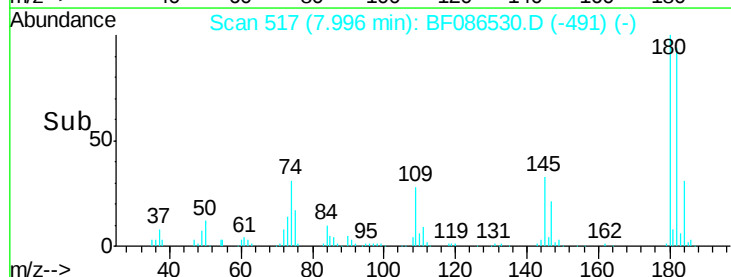


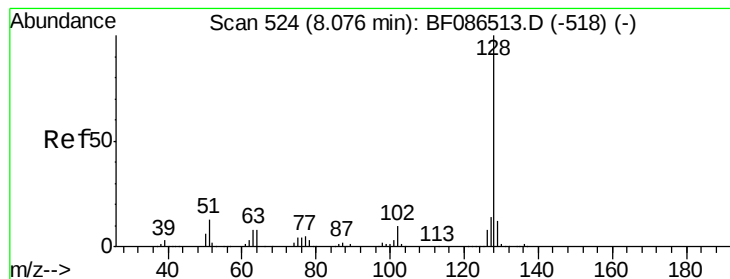
#30
1,2,4-Trichlorobenzene
Concen: 37.62 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	78.0	117.0
145	32.7	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.27 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

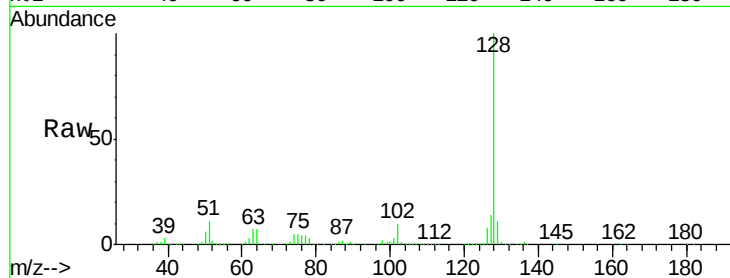
Tot Ion:128 Resp: 1157791

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

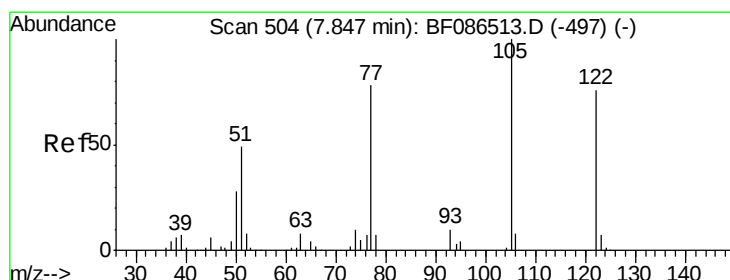
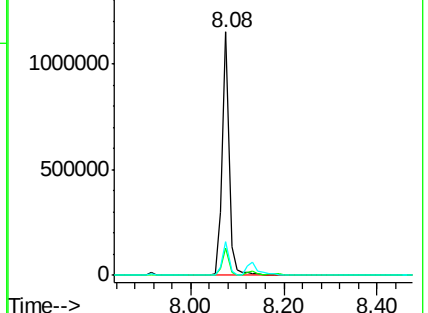
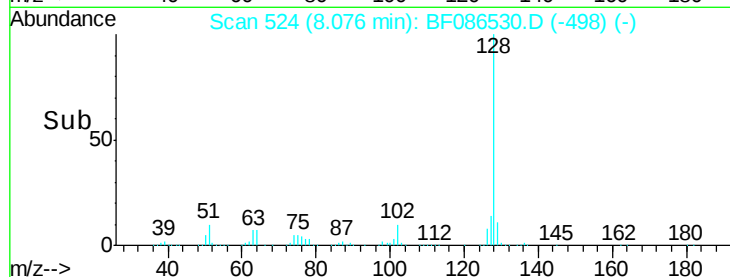
127 13.7 10.8 16.2



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: 35.19 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

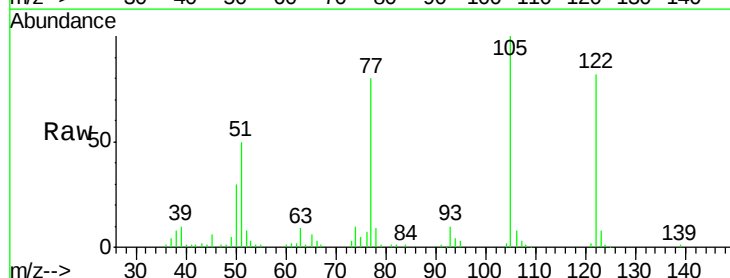
Tgt Ion:122 Resp: 179442

Ion Ratio Lower Upper

122 100

105 122.3 92.6 132.6

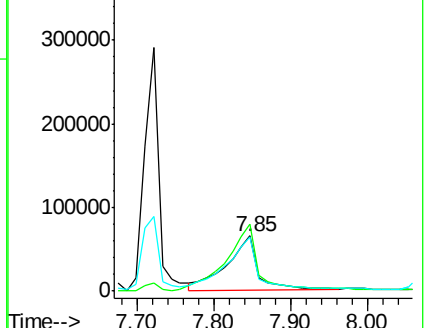
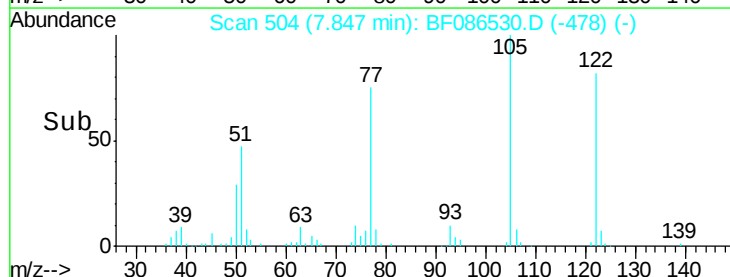
77 97.7 60.0 100.0

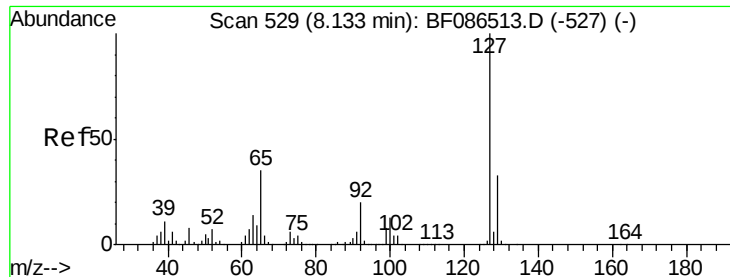


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

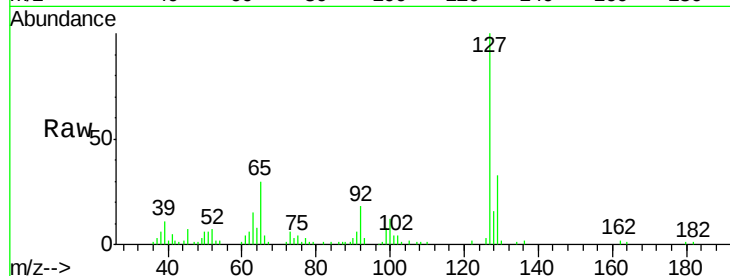




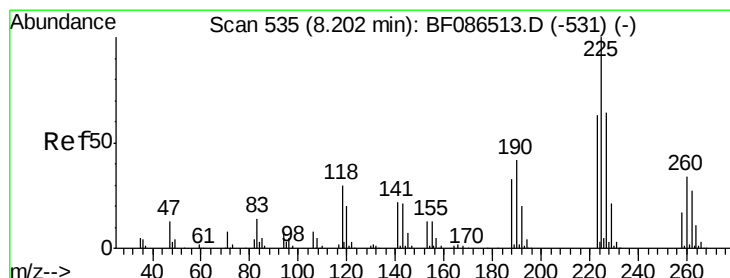
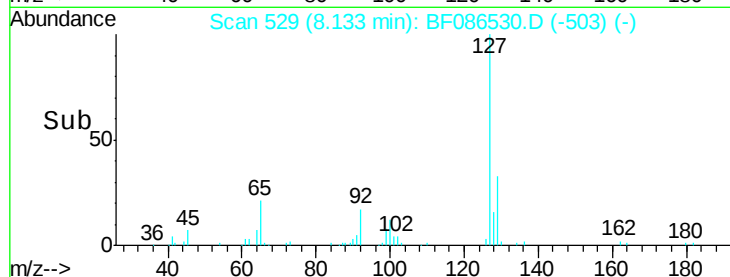
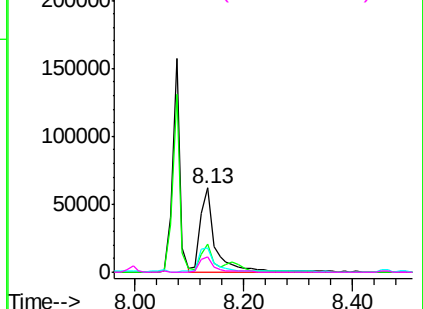
#33
4-Chloroaniline
Concen: 10.12 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	114652
Ion Ratio	Lower	Upper
127	100	
129	32.7	26.2 39.4
65	29.5	23.0 34.4
92	17.6	15.1 22.7

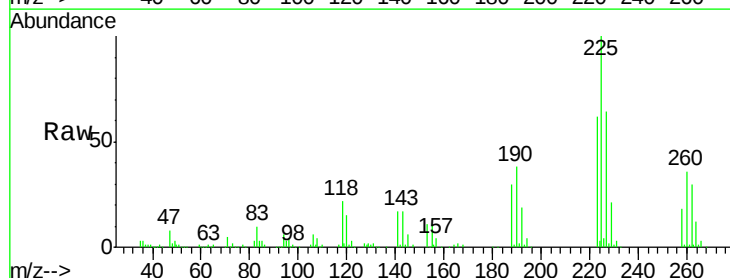


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

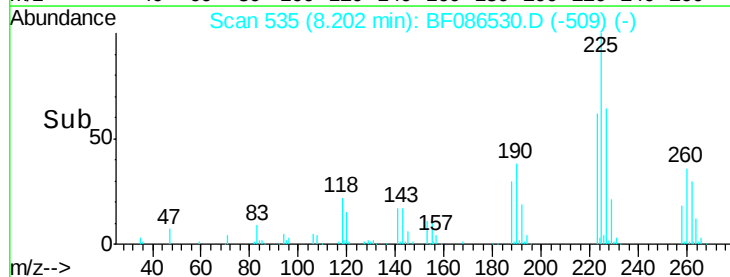
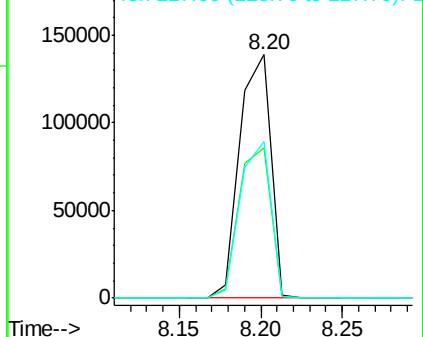


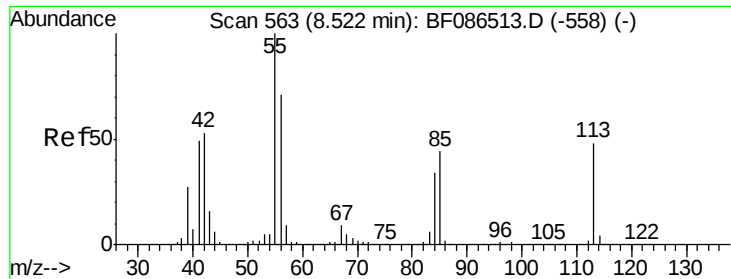
#34
Hexachlorobutadiene
Concen: 36.45 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion:225	Resp:	183322
Ion Ratio	Lower	Upper
225	100	
223	61.5	51.5 77.3
227	64.4	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

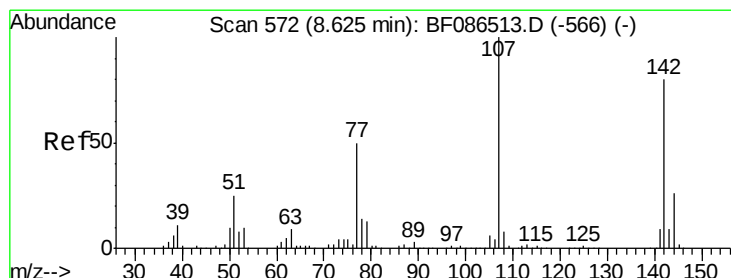
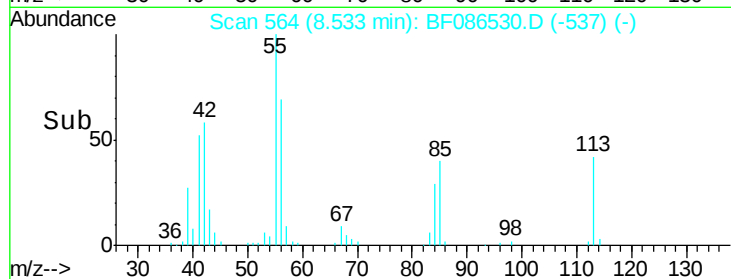
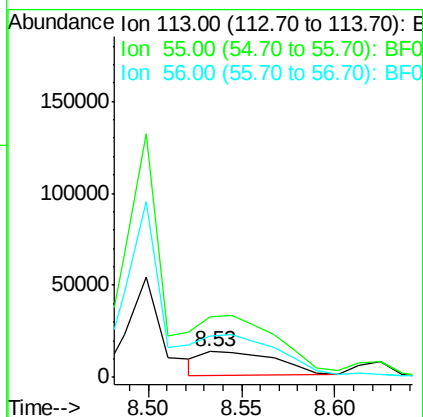
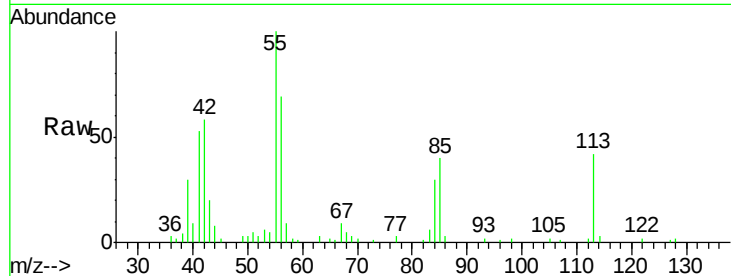




#35
 Caprolactam
 Concen: 14.05 ng
 RT: 8.53 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

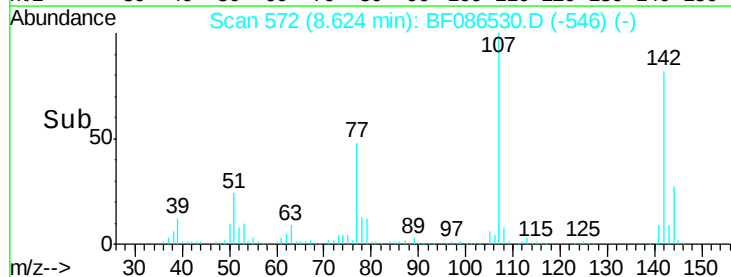
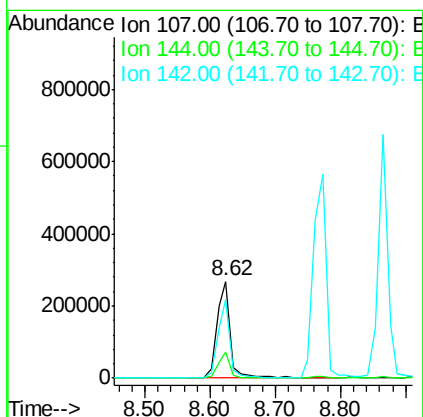
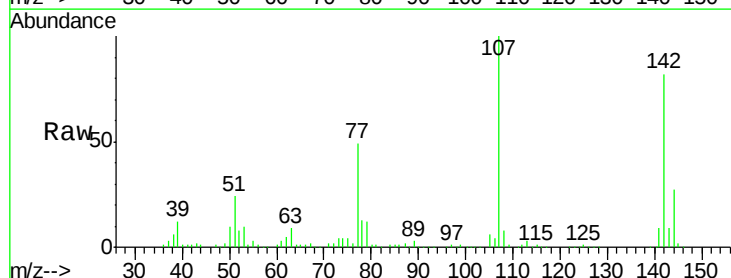
Instrument :
 BNA_F
 ClientSampleId :

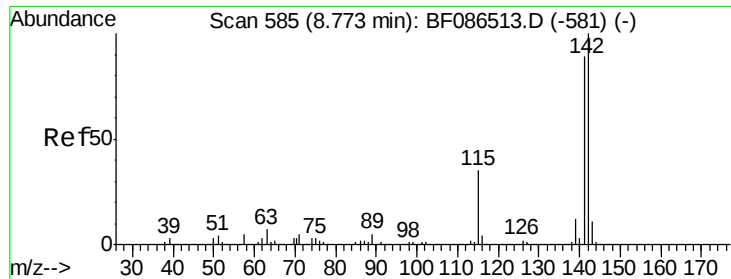
Tot Ion:113 Resp: 36257
 Ion Ratio Lower Upper
 113 100
 55 236.8 162.0 202.0#
 56 163.2 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 44.14 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion:107 Resp: 390918
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.7 31.1
 142 81.9 63.2 94.8

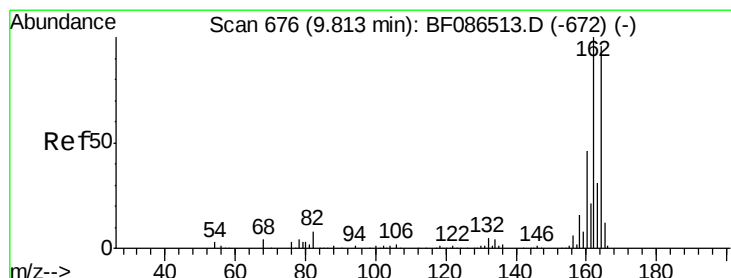
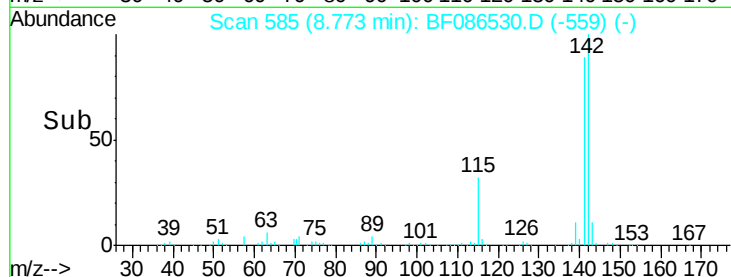
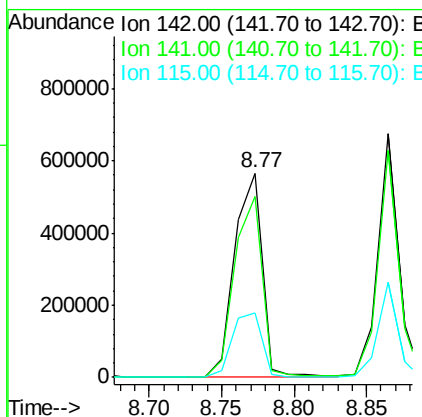
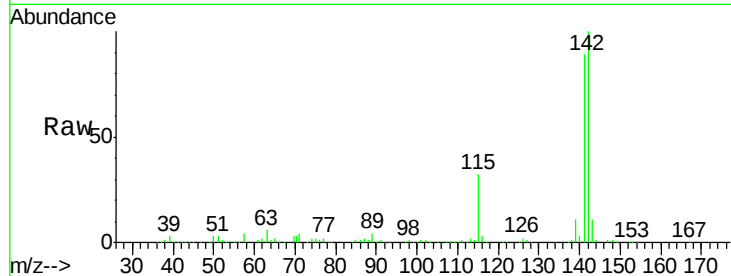




#37
2-Methylnaphthalene
Concen: 42.33 ng
RT: 8.77 min Scan# 585
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

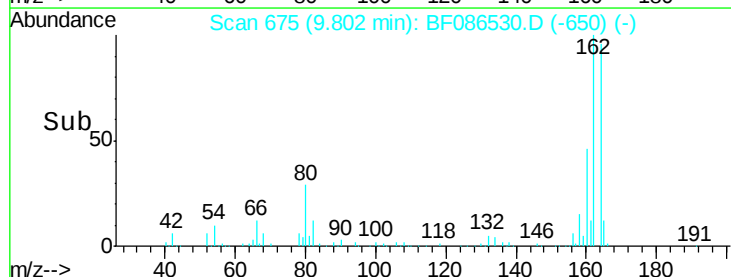
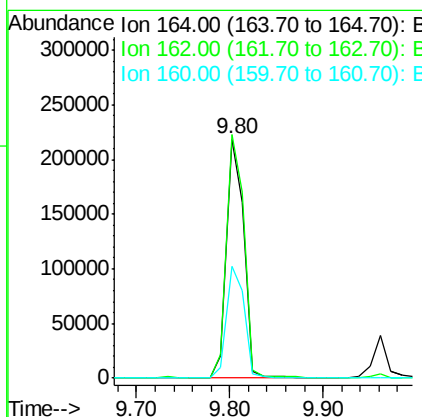
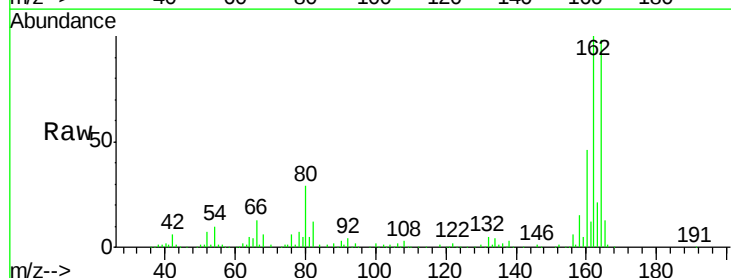
Instrument :
BNA_F
ClientSampleId :

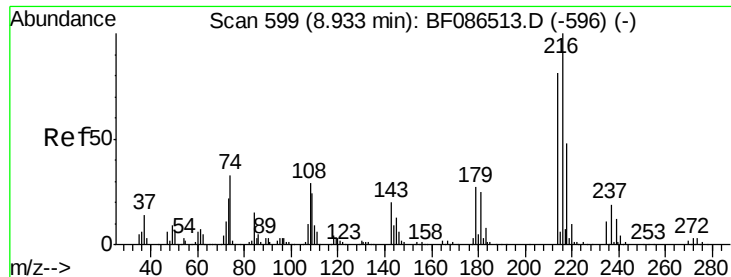
Tot Ion:142 Resp: 755629
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.6
115 31.6 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion:164 Resp: 284499
Ion Ratio Lower Upper
164 100
162 102.0 82.8 124.2
160 46.9 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.79 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 299628

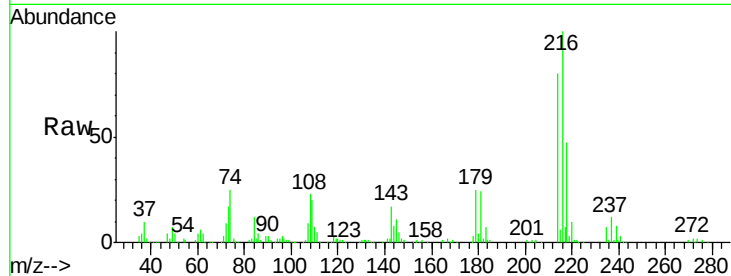
Ion Ratio Lower Upper

216 100

214 78.9 62.6 93.8

179 23.3 18.2 27.4

108 25.9 17.5 26.3

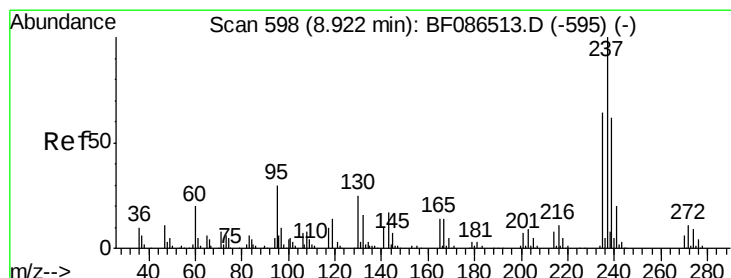
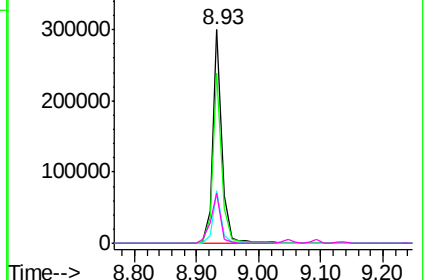
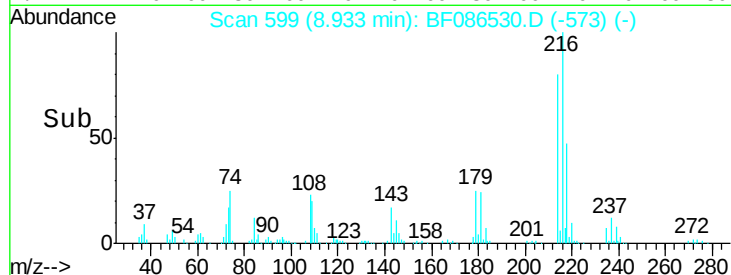


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.51 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

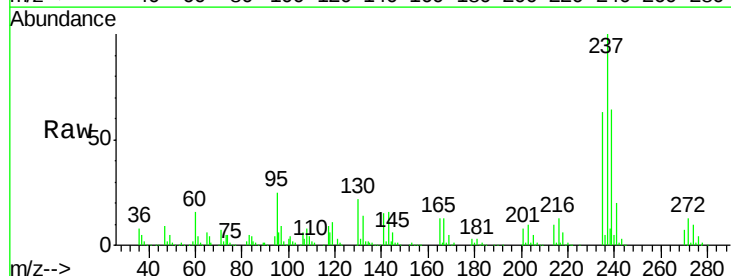
Tgt Ion:237 Resp: 313683

Ion Ratio Lower Upper

237 100

235 63.3 47.2 87.2

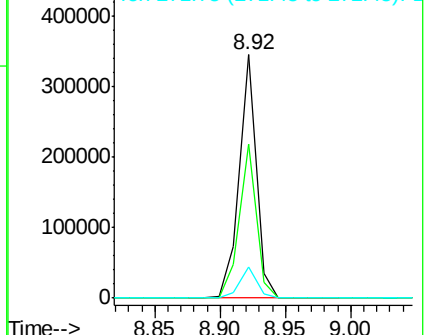
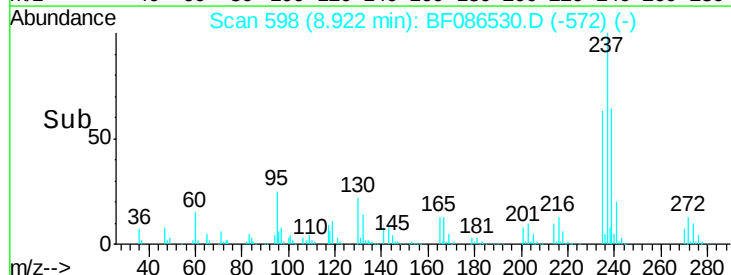
272 12.6 0.0 31.1

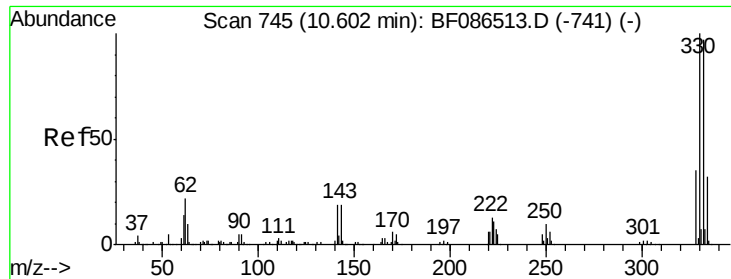


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

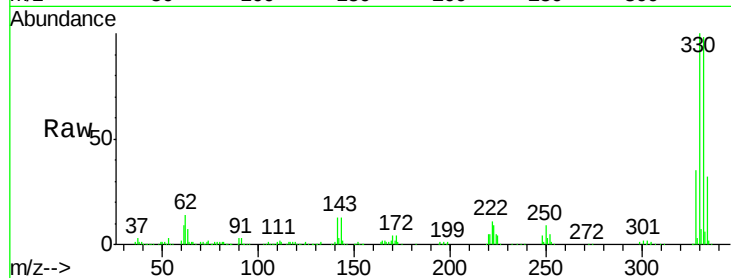




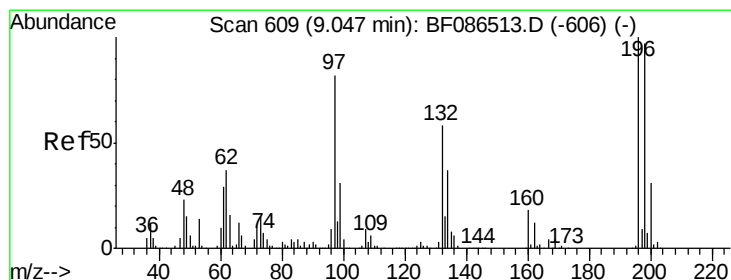
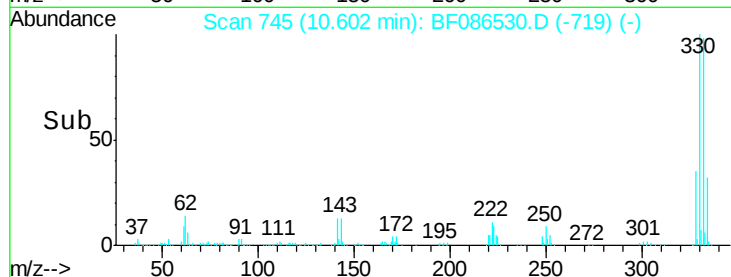
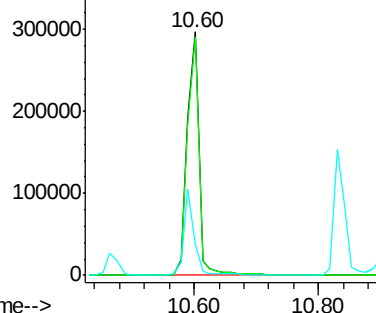
#41
 2,4,6-Tribromophenol
 Concen: 128.15 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.0	118.4
141	30.4	31.2	46.8#

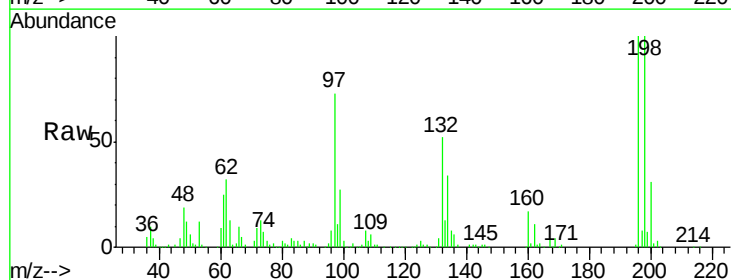


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

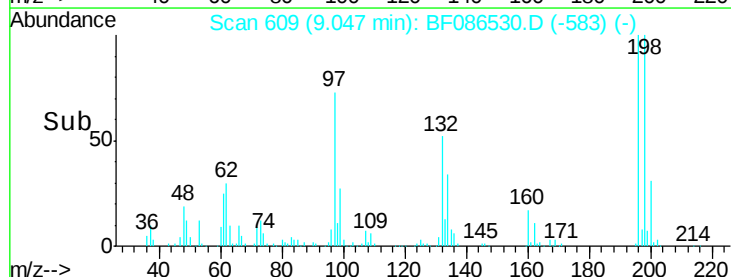
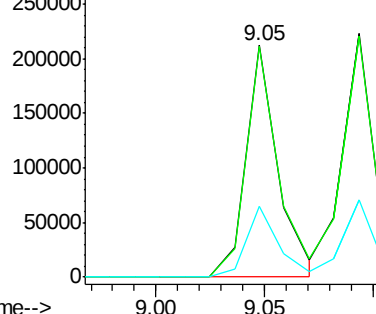


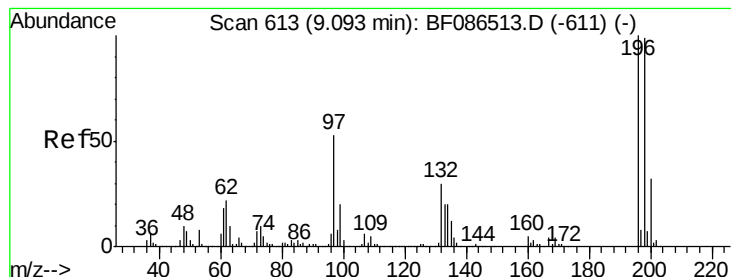
#42
 2,4,6-Trichlorophenol
 Concen: 42.59 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.9	74.7	112.1
200	30.7	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

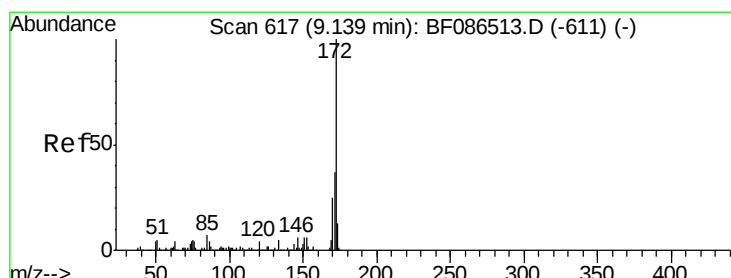
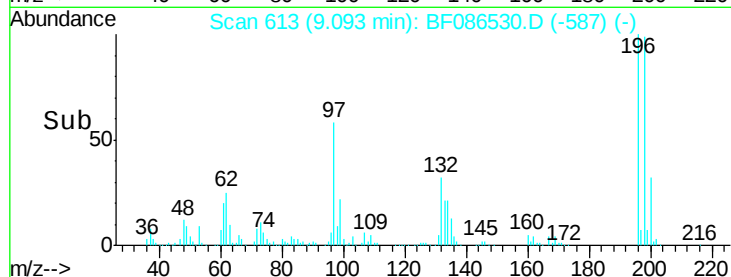
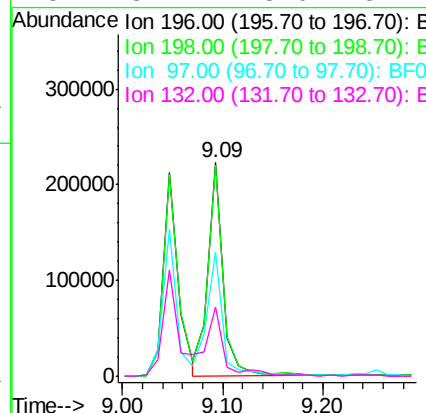
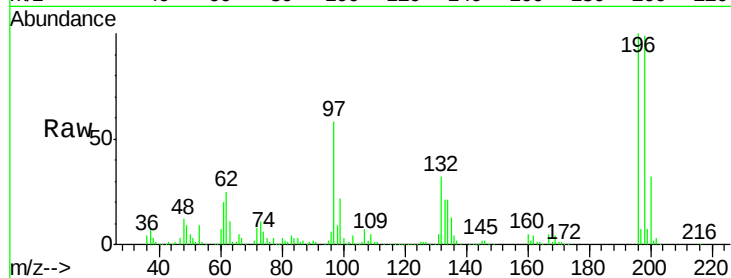




#43
 2,4,5-Trichlorophenol
 Concen: 41.42 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

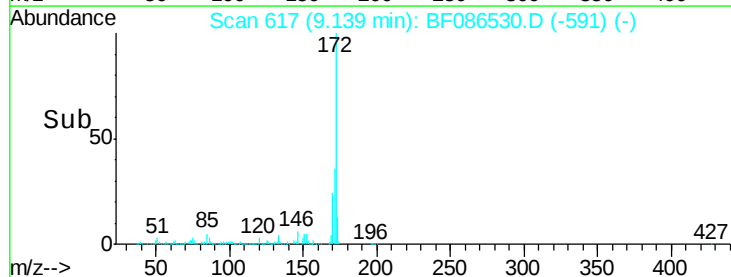
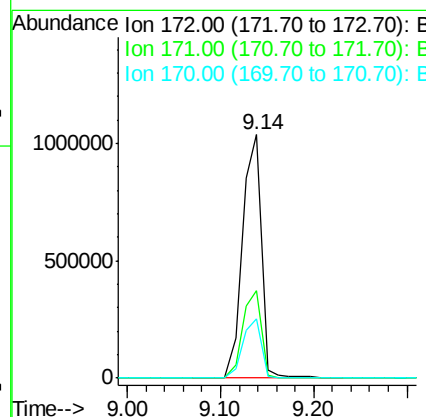
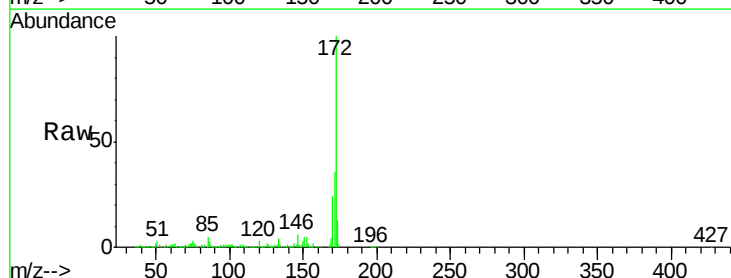
Instrument :
 BNA_F
 ClientSampleId :

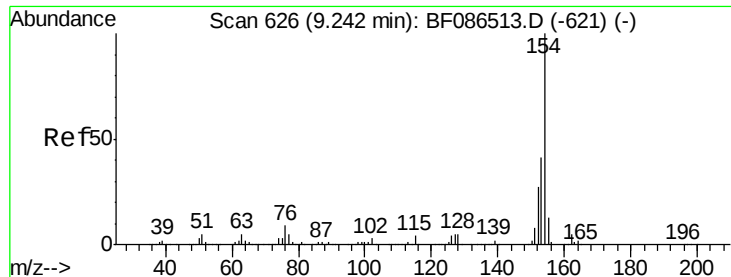
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.2	77.5	116.3
97	58.0	34.8	52.2
132	32.2	23.0	34.4



#44
 2-Fluorobiphenyl
 Concen: 91.37 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.4	19.8	29.8

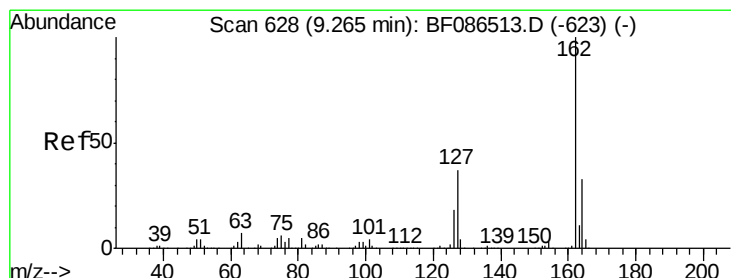
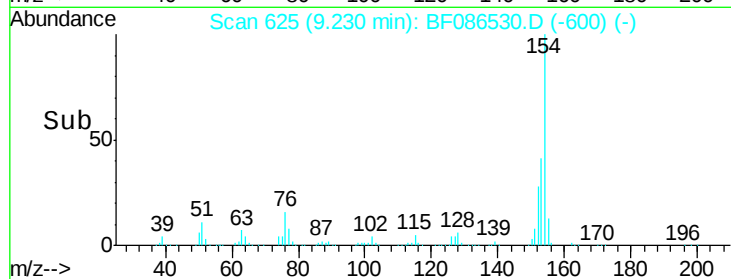
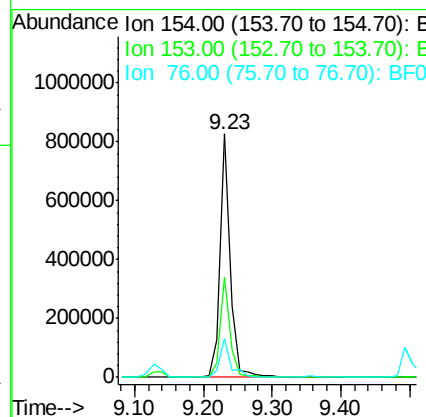
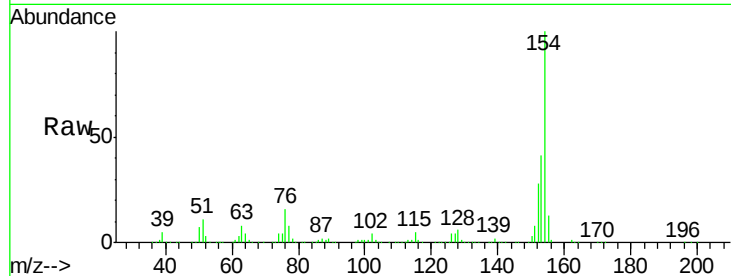




#45
 1,1'-Biphenyl
 Concen: 37.01 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

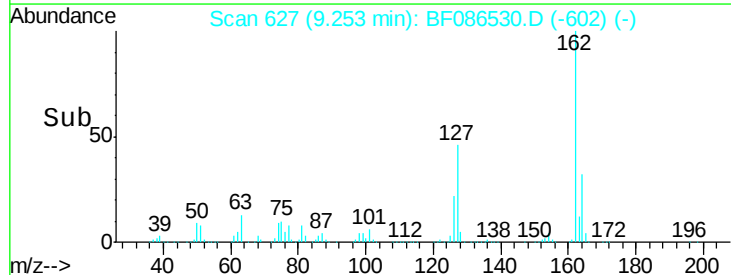
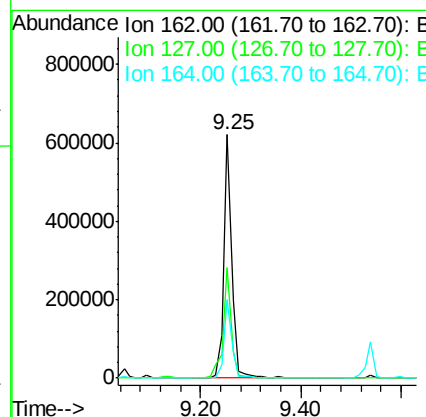
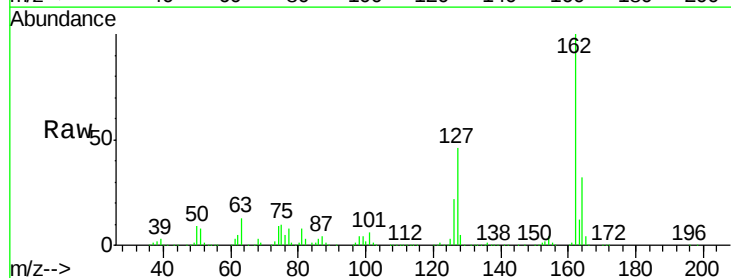
Instrument :
 BNA_F
 ClientSampleId :

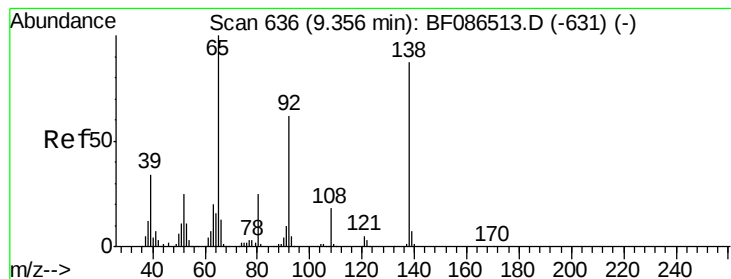
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.3	60.3
76	16.2	0.0	30.2



#46
 2-Chloronaphthalene
 Concen: 37.75 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.5	31.8	47.6
164	32.2	27.0	40.6

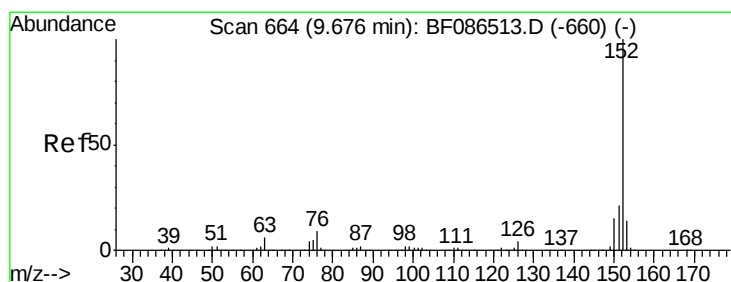
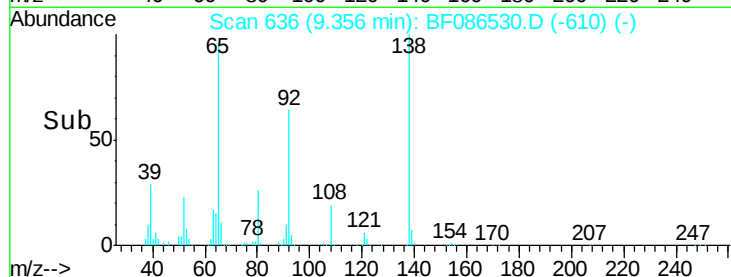
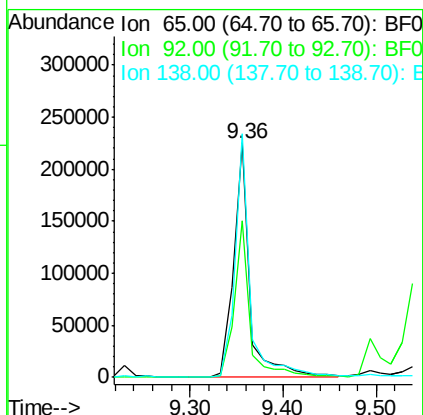
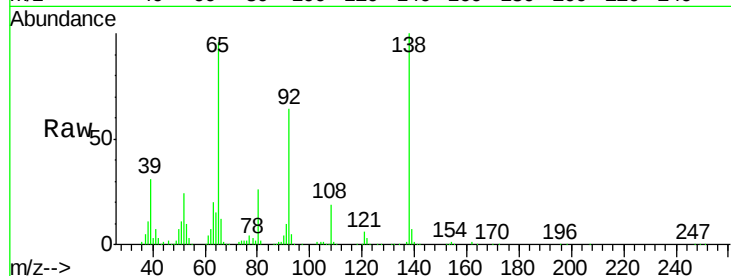




#47
2-Nitroaniline
Concen: 47.95 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

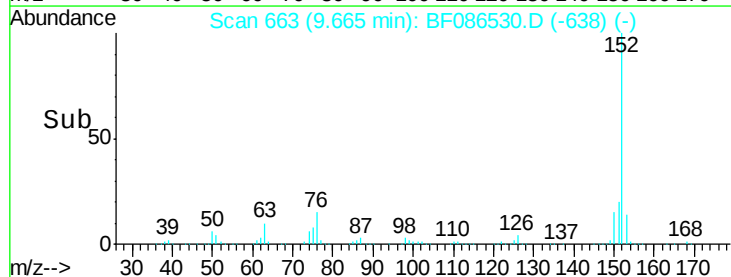
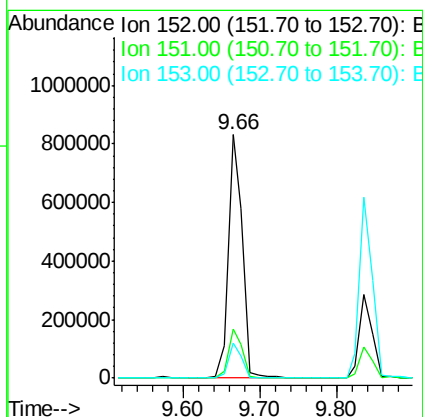
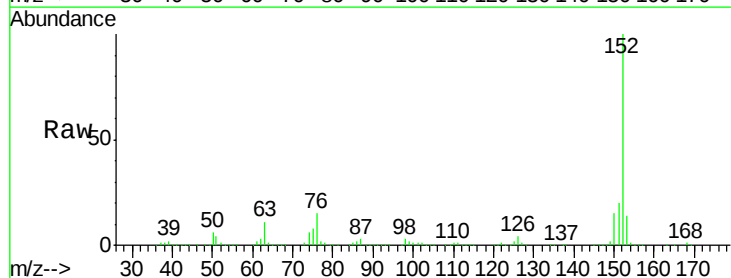
Instrument :
BNA_F
ClientSampleId :

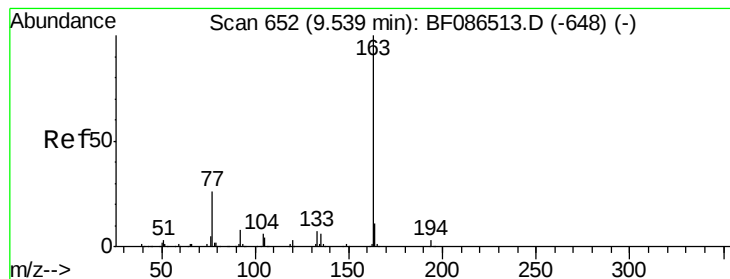
Tot Ion: 65 Resp: 278009
Ion Ratio Lower Upper
65 100
92 66.9 57.4 86.2
138 103.9 90.1 135.1



#48
Acenaphthylene
Concen: 38.03 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion: 152 Resp: 1074842
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 14.3 10.9 16.3





#49

Dimethylphthalate

Concen: 40.66 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampled :

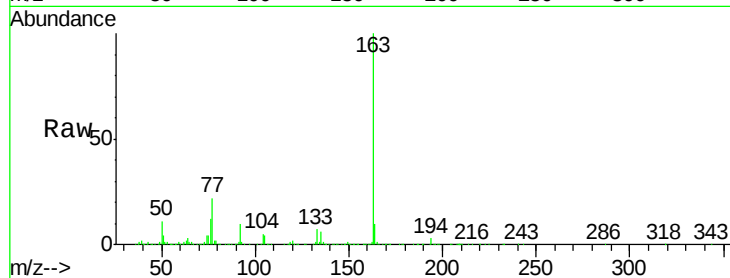
Tot Ion:163 Resp: 870934

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

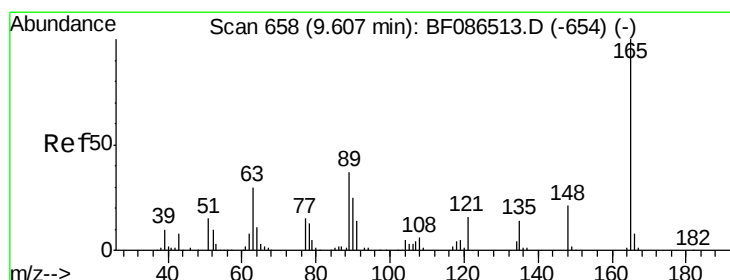
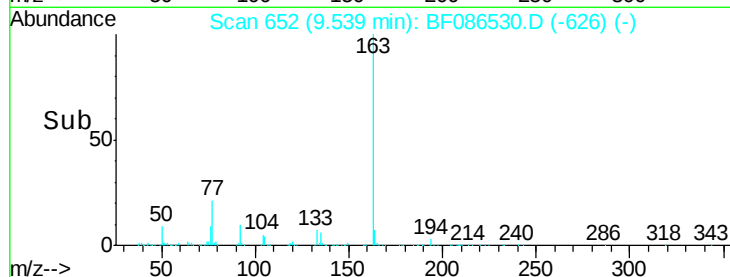
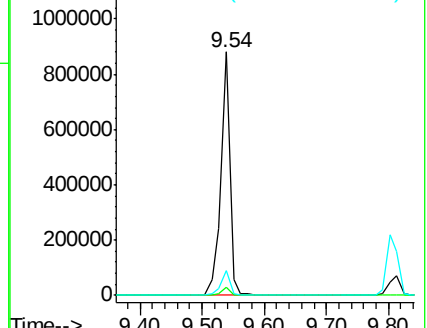
164 10.4 8.2 12.4



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: 41.09 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

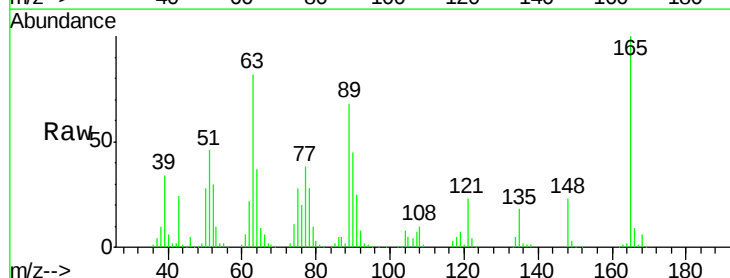
Tgt Ion:165 Resp: 181793

Ion Ratio Lower Upper

165 100

63 81.6 51.8 77.8#

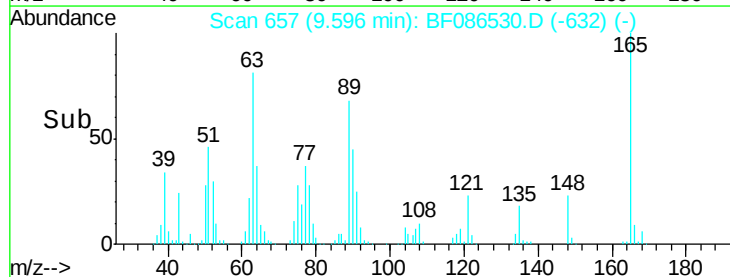
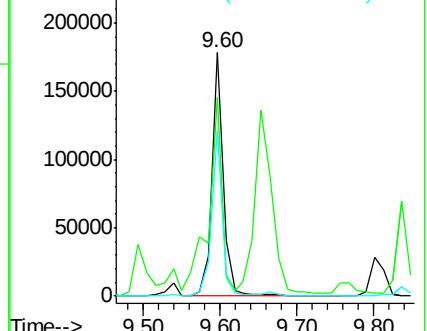
89 67.9 50.7 76.1

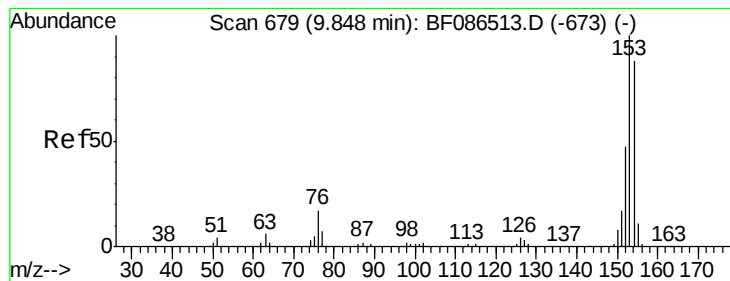


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.24 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

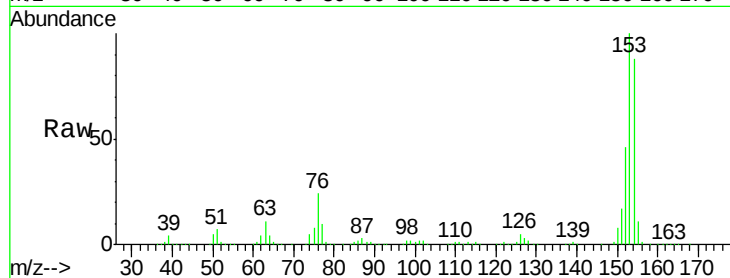
Tot Ion:154 Resp: 766800

Ion Ratio Lower Upper

154 100

153 113.4 89.8 134.6

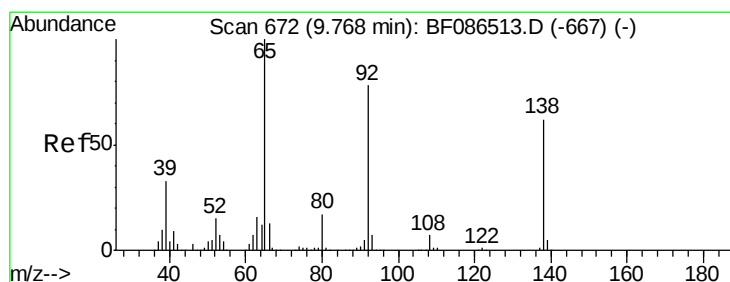
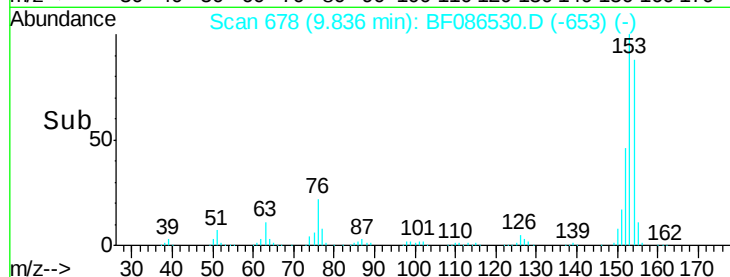
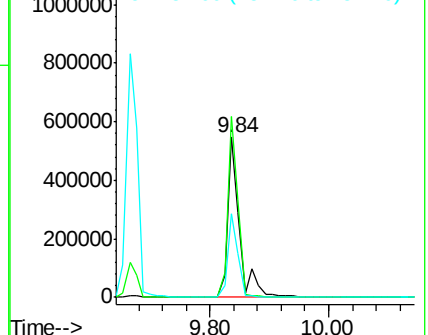
152 52.2 43.4 65.0



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: 15.84 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

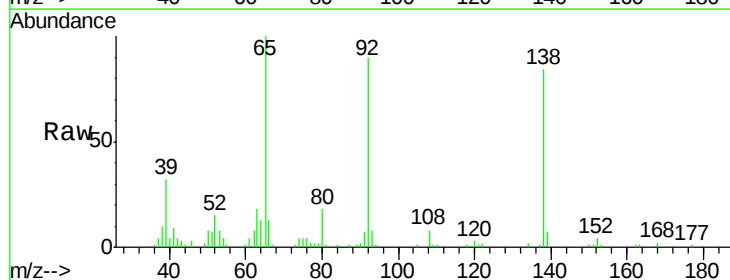
Tgt Ion:138 Resp: 79726

Ion Ratio Lower Upper

138 100

108 9.1 7.8 11.6

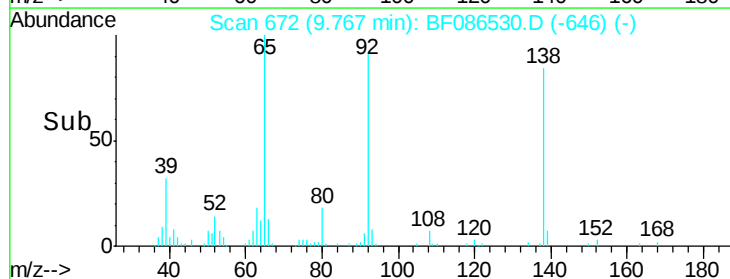
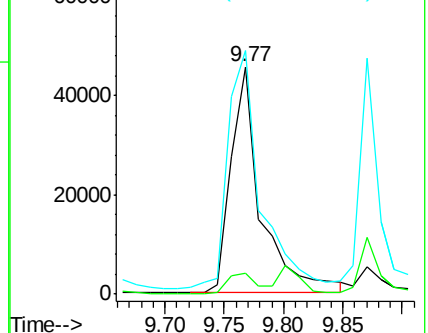
92 107.0 87.8 131.8

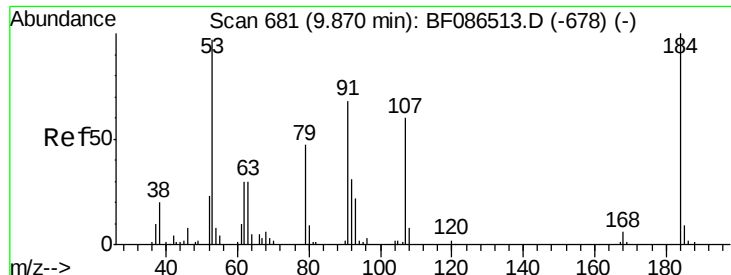


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

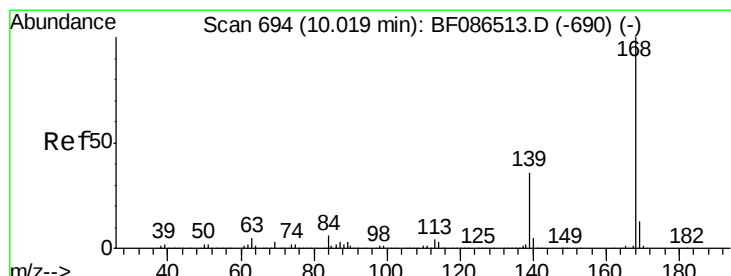
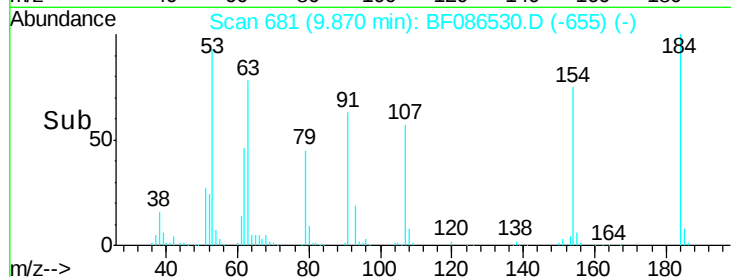
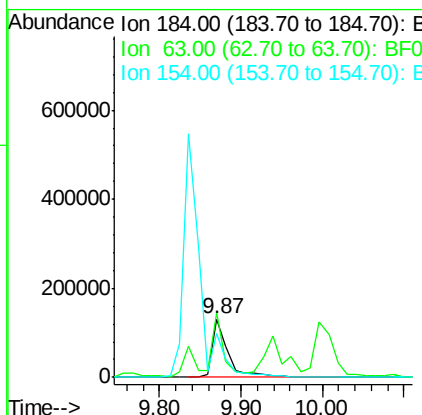
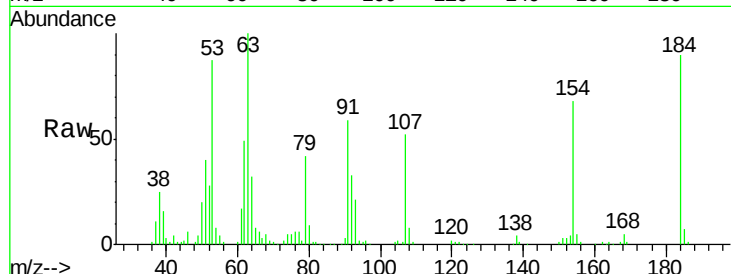




#53
2,4-Dinitrophenol
Concen: 74.99 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

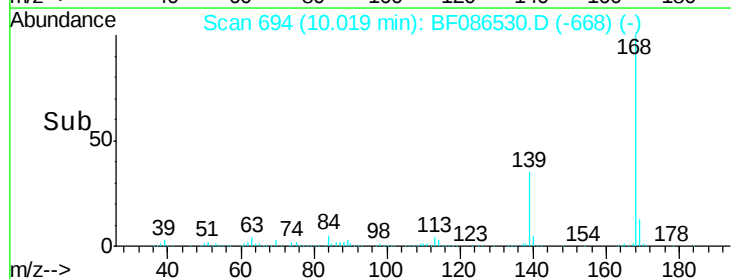
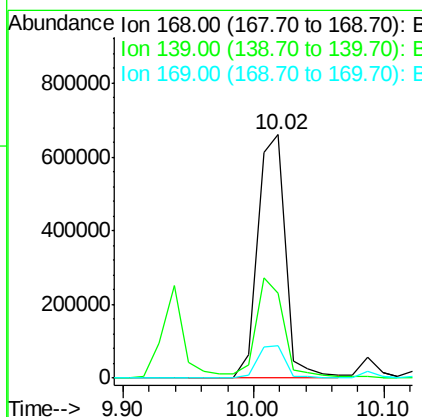
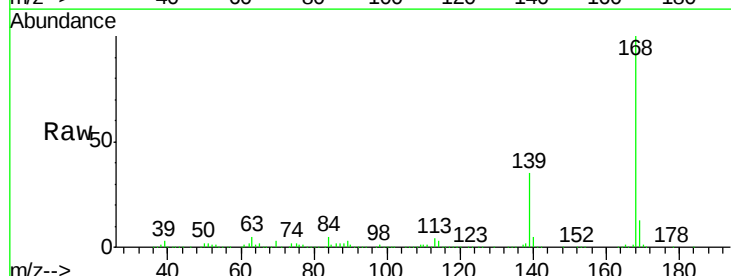
Instrument :
BNA_F
ClientSampleId :

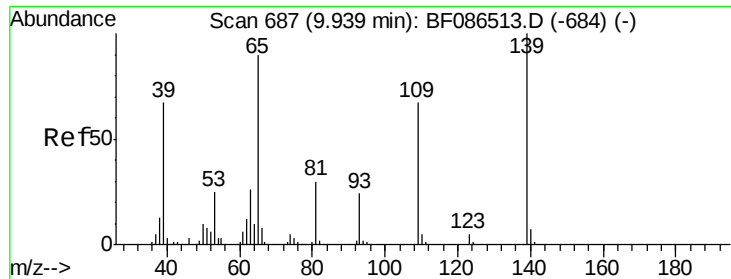
Tot Ion:184 Resp: 180127
Ion Ratio Lower Upper
184 100
63 111.0 55.8 83.8#
154 75.3 62.4 93.6



#54
Dibenzofuran
Concen: 43.12 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion:168 Resp: 978271
Ion Ratio Lower Upper
168 100
139 34.8 31.4 47.0
169 13.1 10.7 16.1

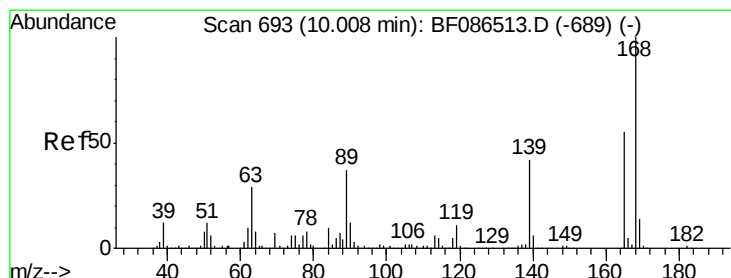
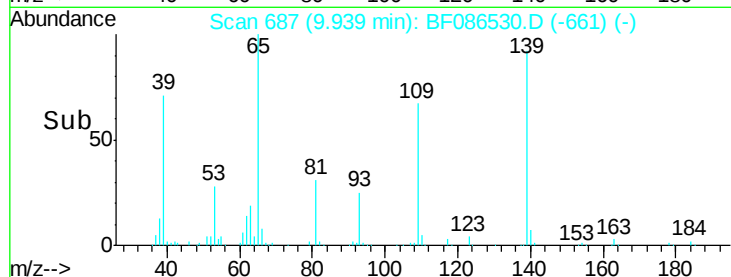
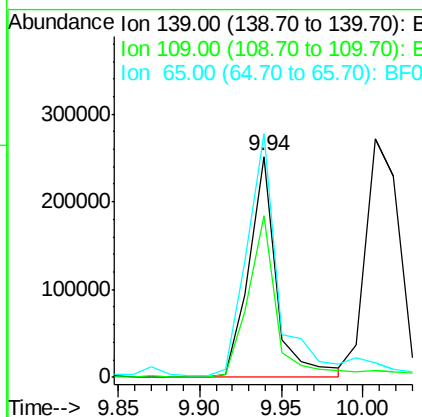
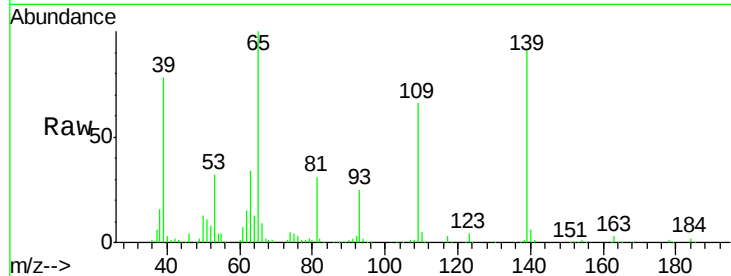




#55
4-Nitrophenol
Concen: 90.45 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

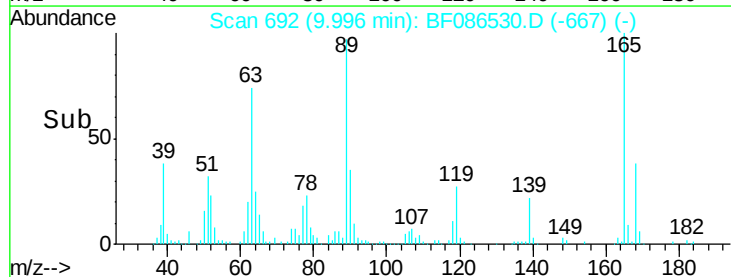
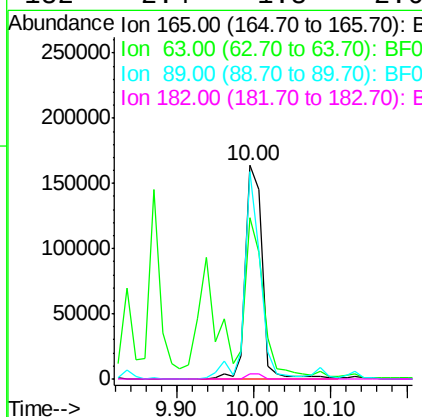
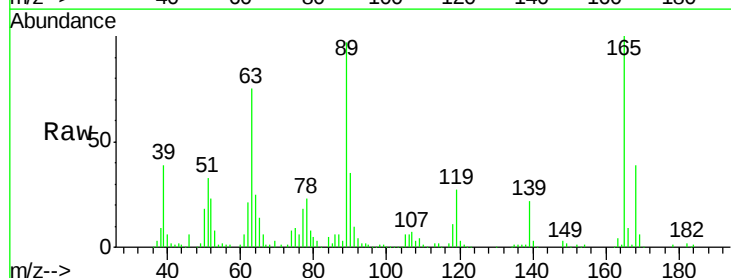
Instrument :
BNA_F
ClientSampleId :

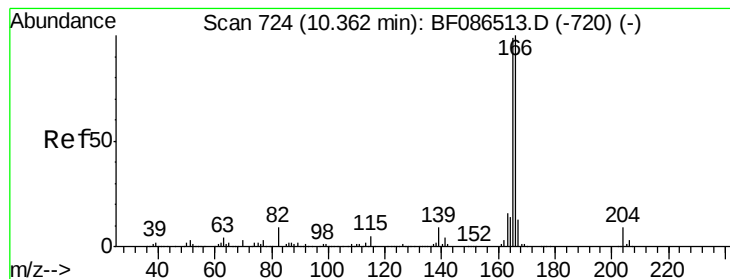
Tot Ion:139 Resp: 298035
Ion Ratio Lower Upper
139 100
109 73.0 36.9 76.9
65 110.1 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 43.83 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion:165 Resp: 247236
Ion Ratio Lower Upper
165 100
63 75.4 44.3 66.5#
89 96.8 70.0 105.0
182 2.4 1.8 2.6





#57

Fluorene

Concen: 36.34 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

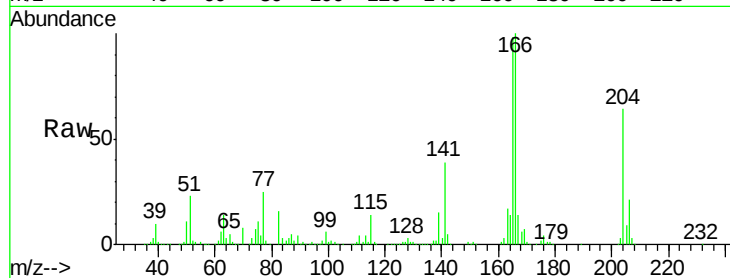
Tot Ion:166 Resp: 715781

Ion Ratio Lower Upper

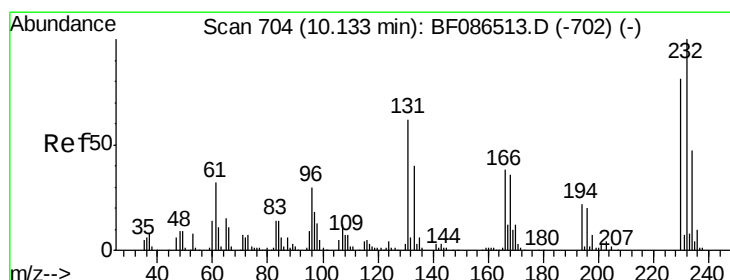
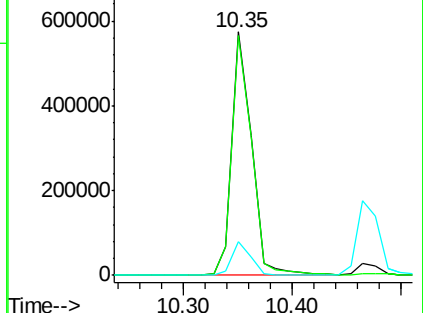
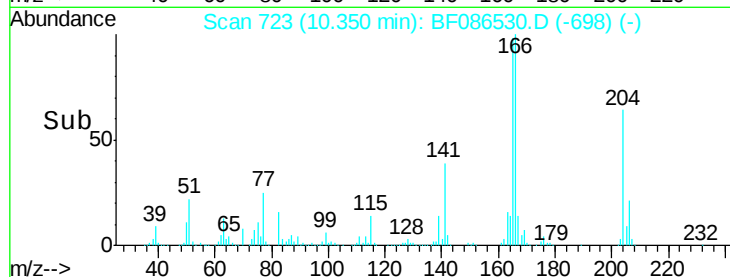
166 100

165 98.2 79.0 118.6

167 13.9 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: 46.07 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Tgt Ion:232 Resp: 202076

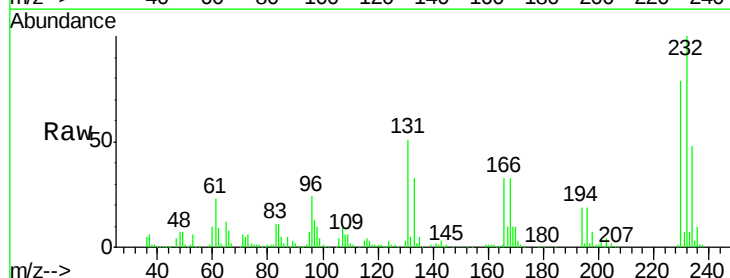
Ion Ratio Lower Upper

232 100

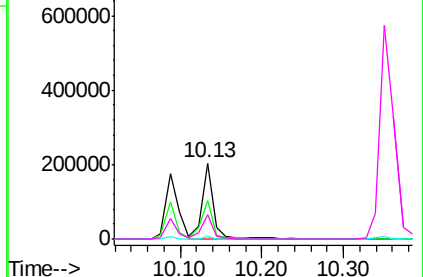
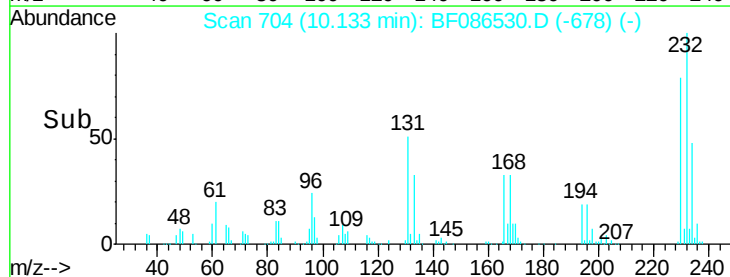
131 52.3 41.9 62.9

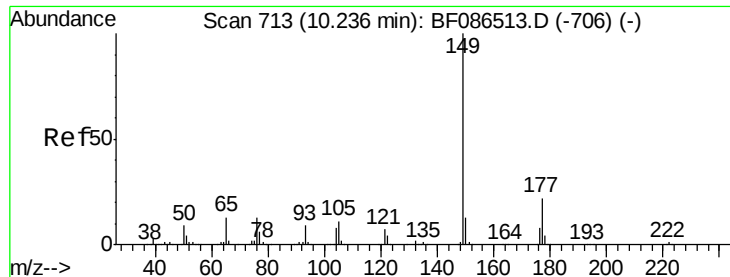
130 2.5 2.2 3.4

166 31.2 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

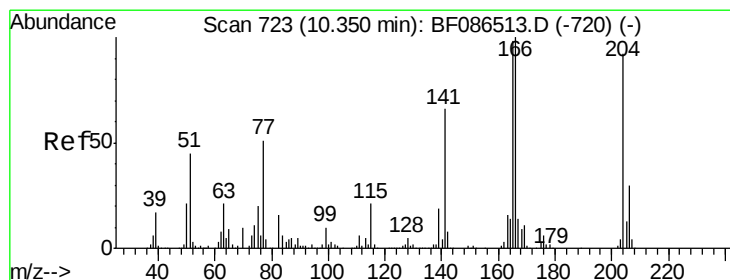
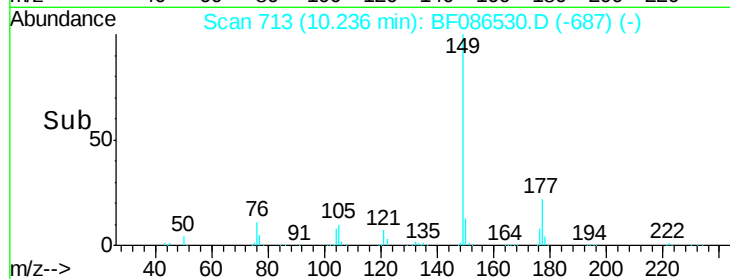
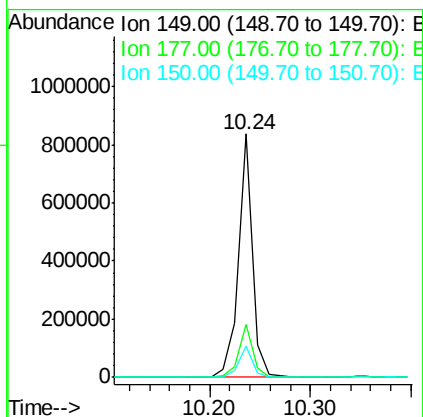
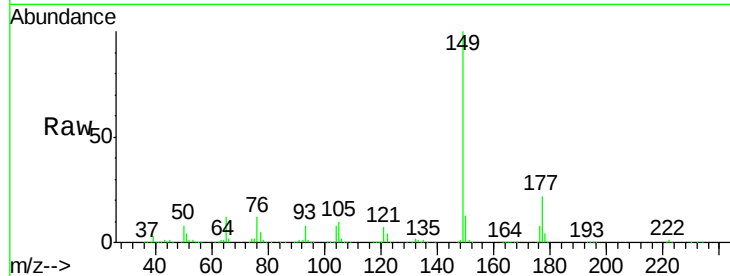




#59
Diethylphthalate
Concen: 40.08 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

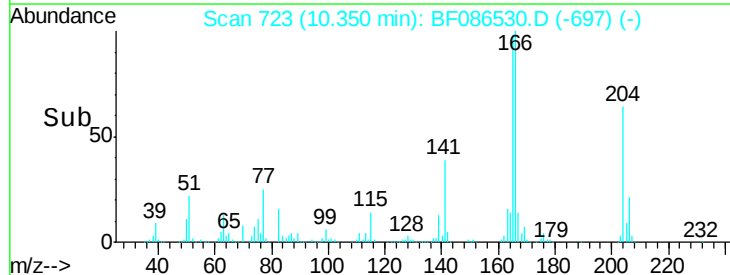
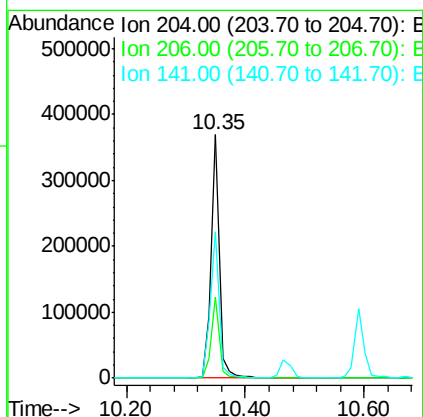
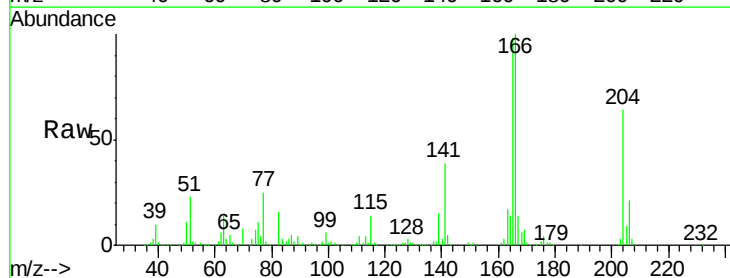
Instrument :
BNA_F
ClientSampleId :

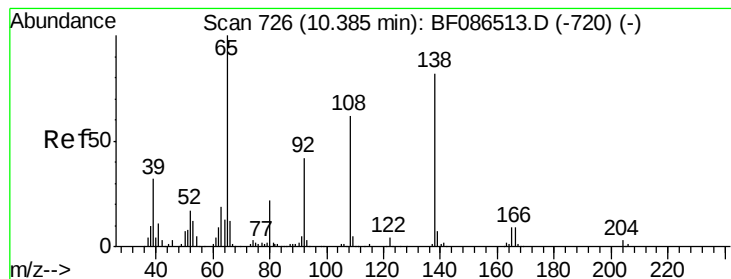
Tot Ion:149 Resp: 812578
Ion Ratio Lower Upper
149 100
177 21.9 16.6 24.8
150 12.8 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 40.13 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion:204 Resp: 358947
Ion Ratio Lower Upper
204 100
206 33.1 25.4 38.0
141 59.9 61.6 92.4#





#61

4-Nitroaniline

Concen: 41.81 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

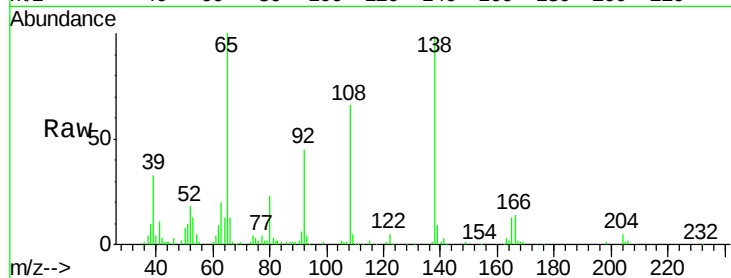
Tot Ion:138 Resp: 205685

Ion Ratio Lower Upper

138 100

92 46.0 24.7 64.7

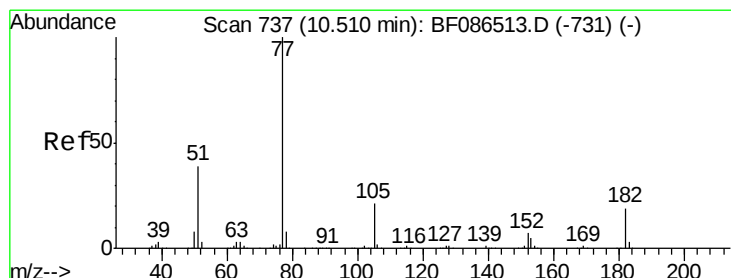
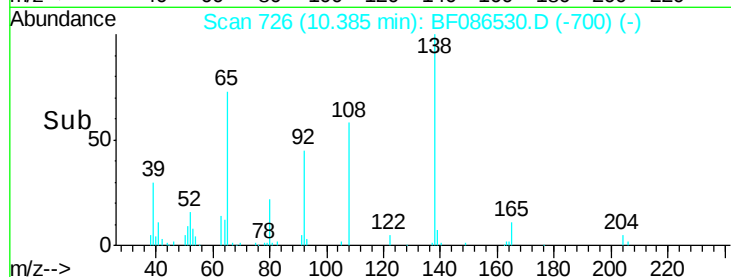
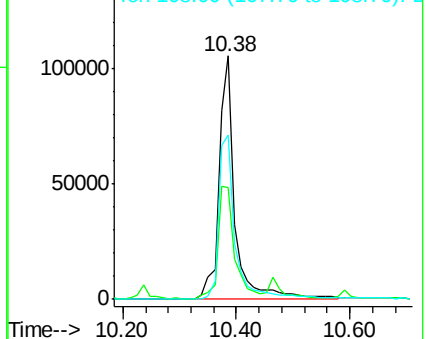
108 67.4 37.4 77.4



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: 45.37 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Tgt Ion: 77 Resp: 1007602

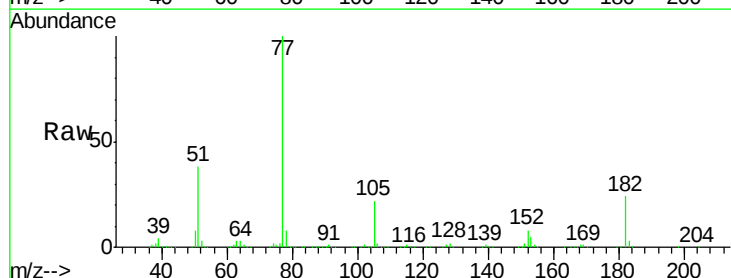
Ion Ratio Lower Upper

77 100

182 23.9 0.0 38.8

105 22.2 3.2 43.2

51 37.6 8.8 48.8

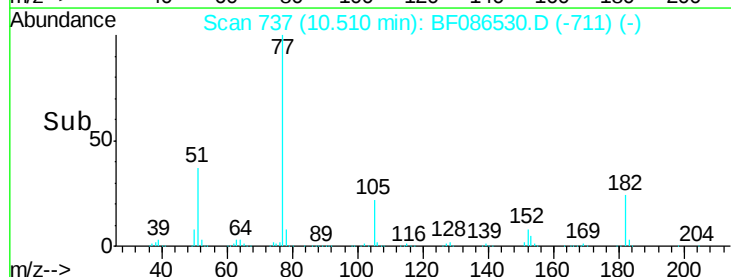
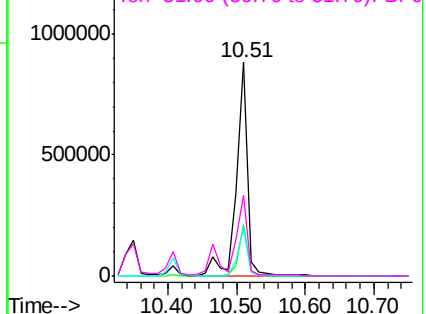


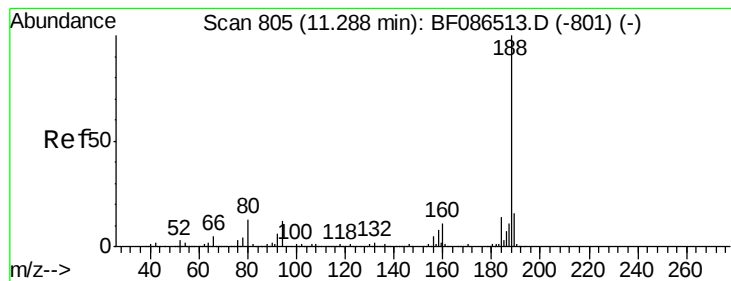
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

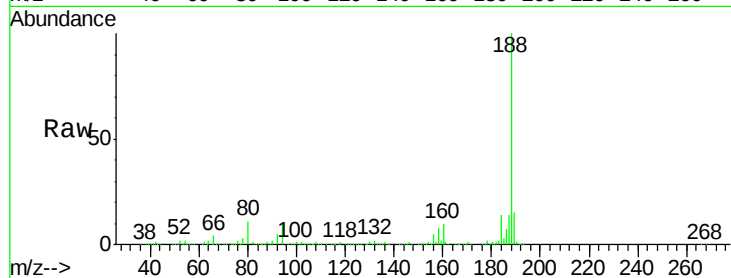
Tot Ion:188 Resp: 571377

Ion Ratio Lower Upper

188 100

94 9.8 6.8 10.2

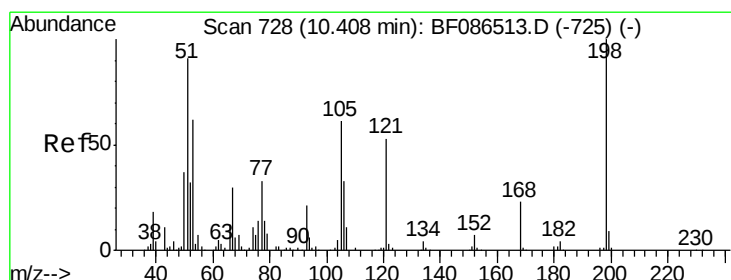
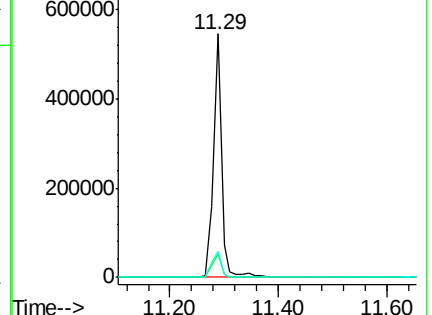
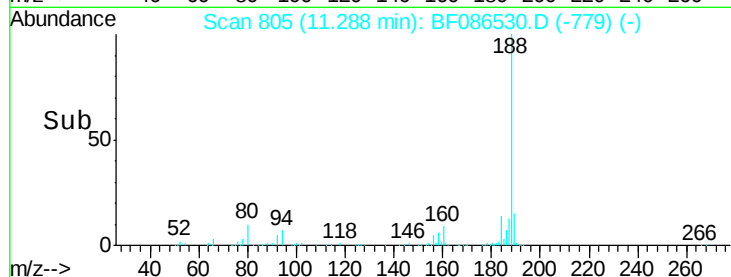
80 10.5 7.1 10.7



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: 40.32 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

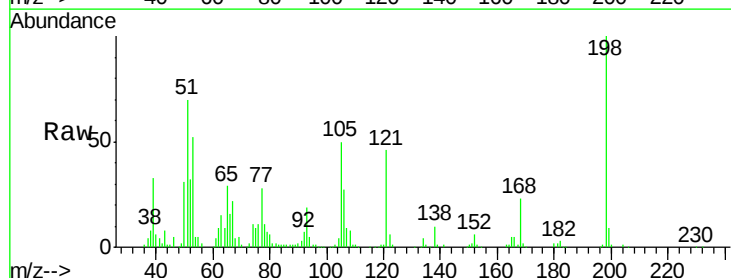
Tgt Ion:198 Resp: 135243

Ion Ratio Lower Upper

198 100

51 69.8 20.5 60.5#

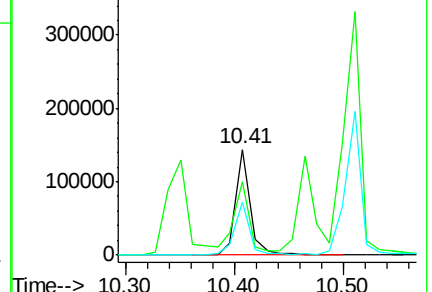
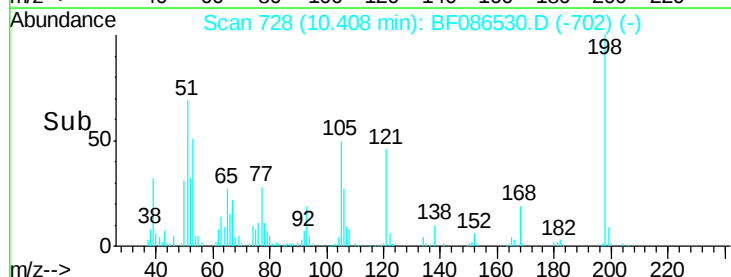
105 50.4 24.5 64.5

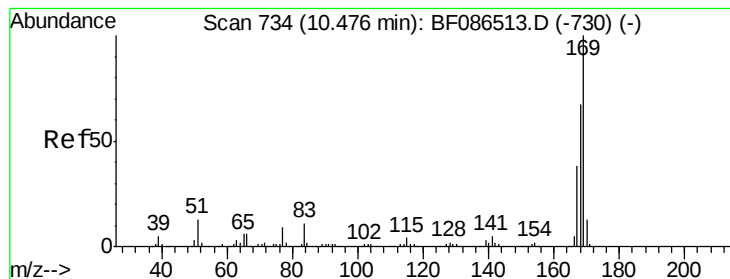


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

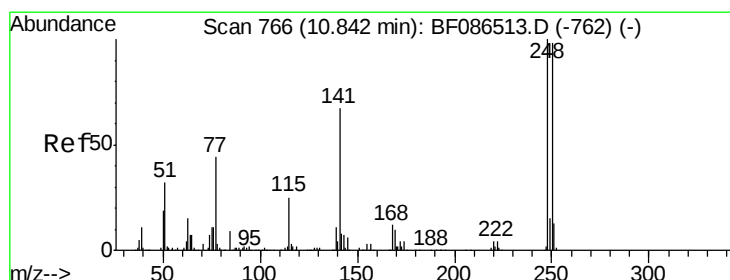
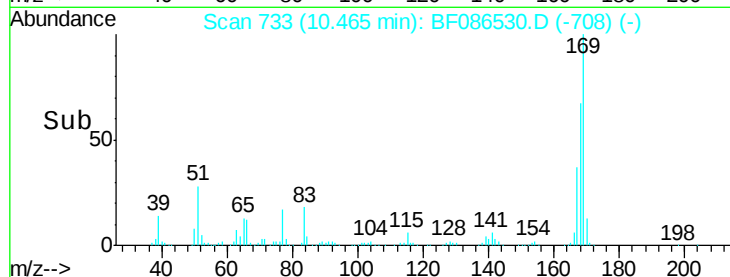
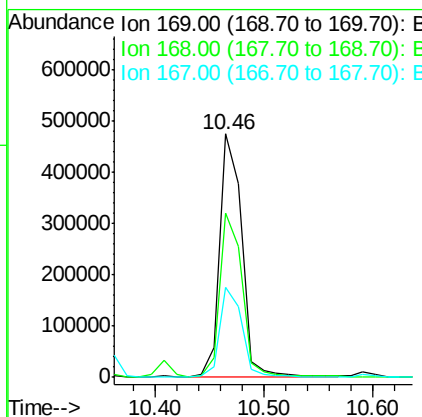
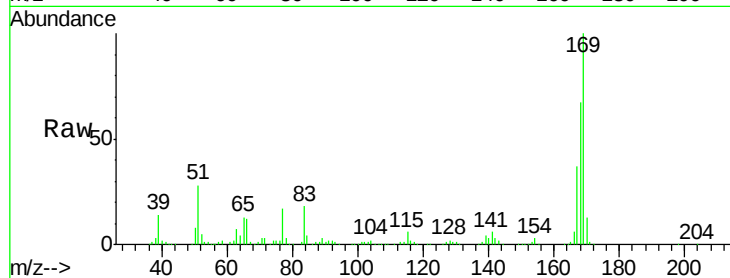




#65
 n-Nitrosodiphenylamine
 Concen: 37.86 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

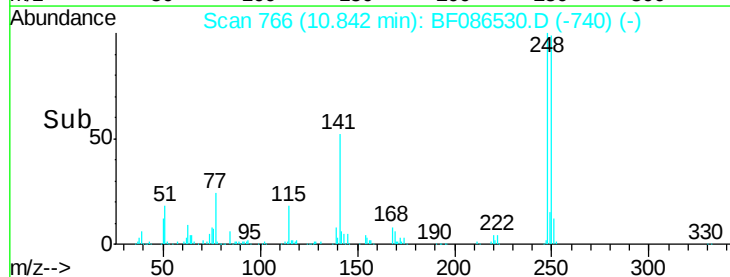
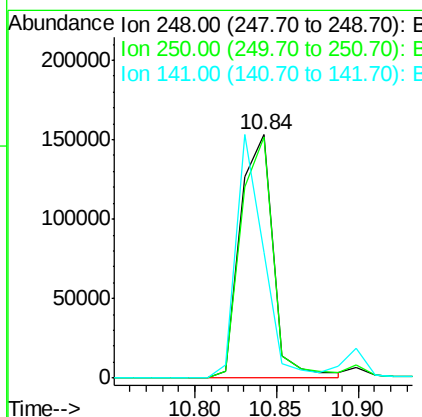
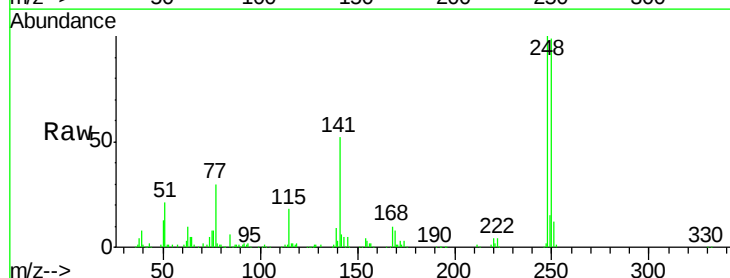
Instrument :
 BNA_F
 ClientSampleId :

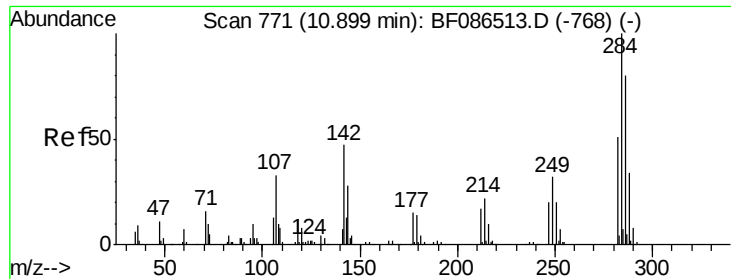
Tot Ion:169 Resp: 676146
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.8 80.6
 167 36.7 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 36.22 ng
 RT: 10.84 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion:248 Resp: 213276
 Ion Ratio Lower Upper
 248 100
 250 98.9 78.6 117.8
 141 51.8 76.0 114.0#

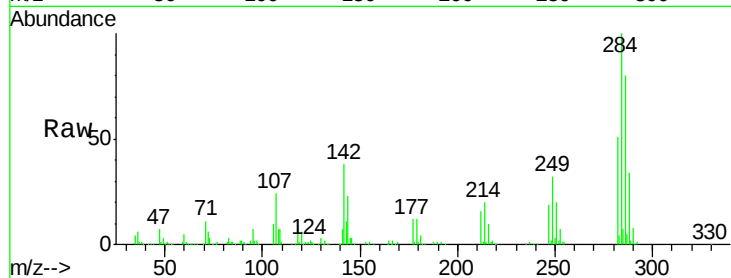




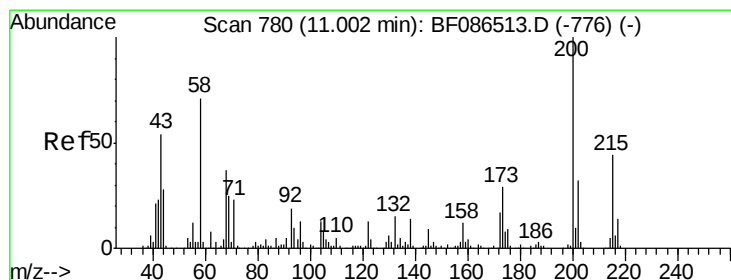
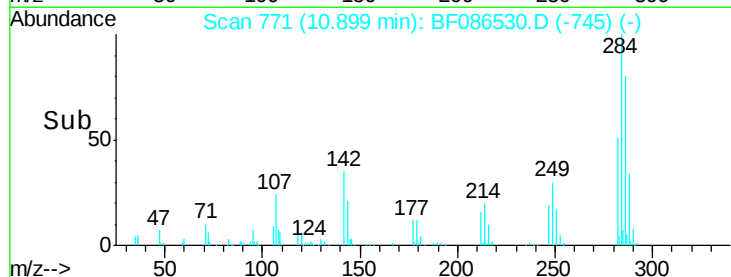
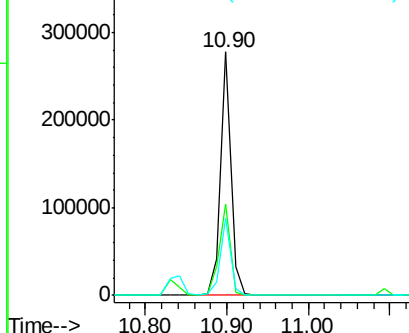
#67
Hexachlorobenzene
Concen: 36.36 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.7	16.7	25.1#
249	31.6	21.3	31.9

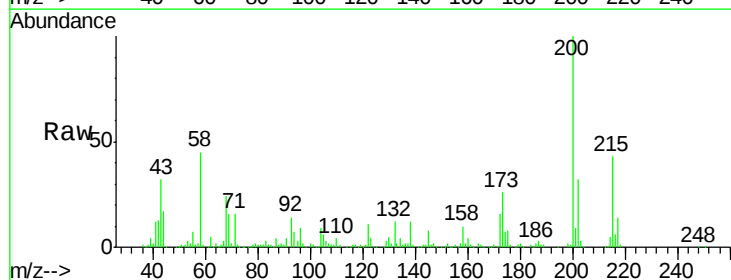


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

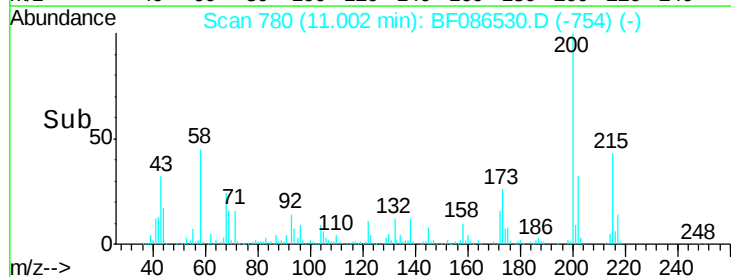
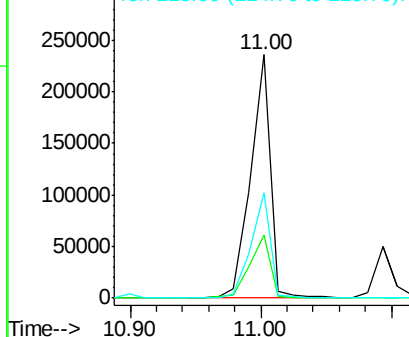


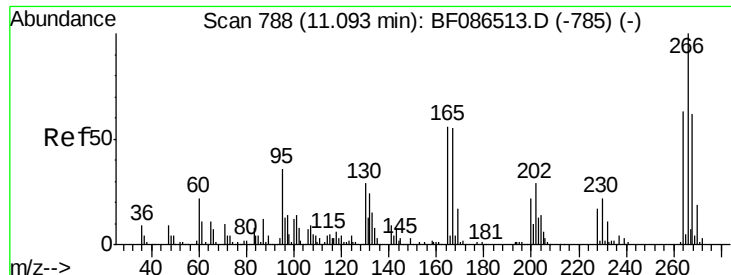
#68
Atrazine
Concen: 46.18 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.1	8.5	48.5
215	43.4	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

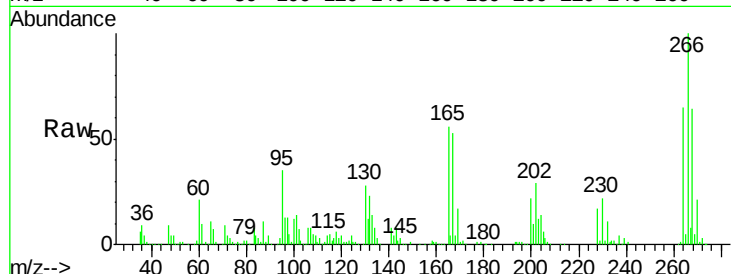




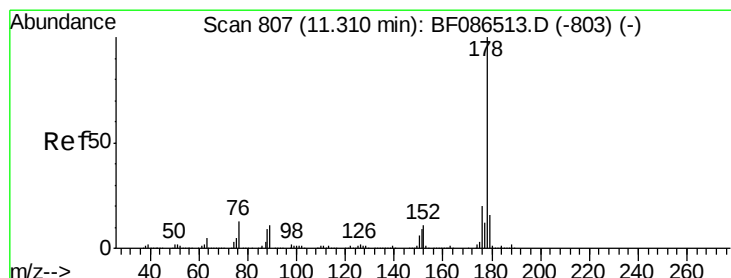
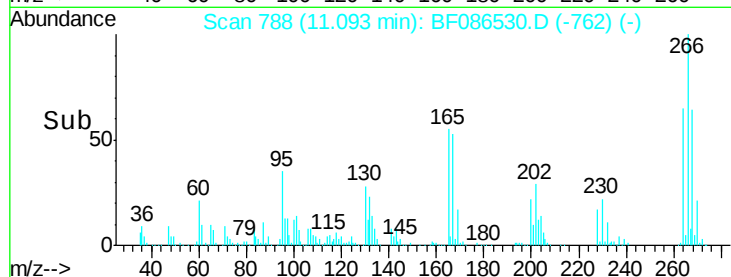
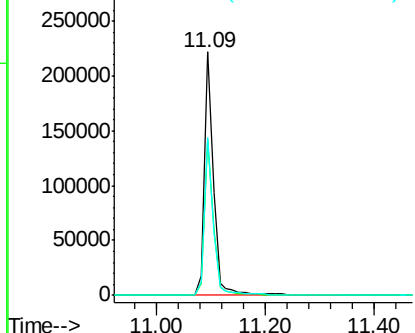
#69
 Pentachlorophenol
 Concen: 71.63 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 257379
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.5 77.3
 264 64.7 52.9 79.3

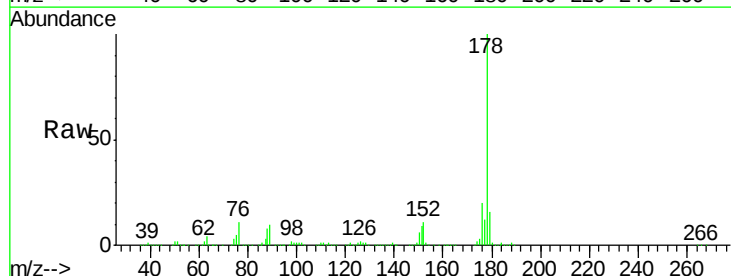


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

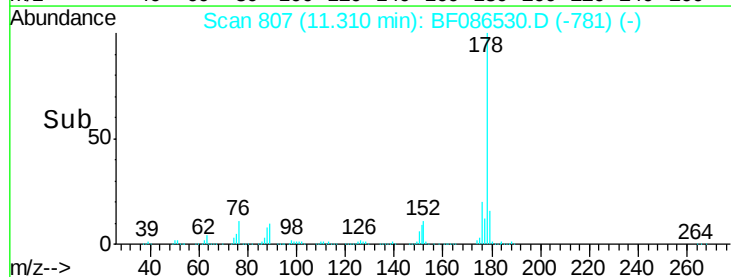
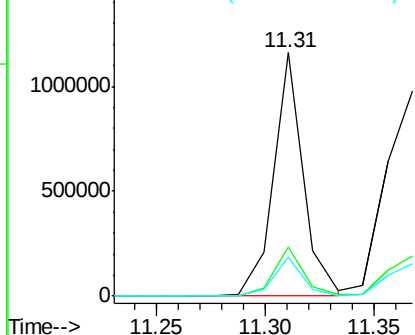


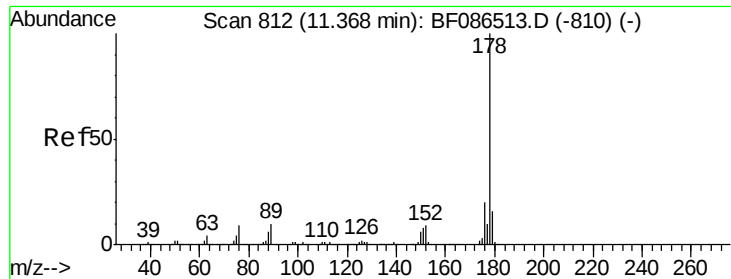
#70
 Phenanthrene
 Concen: 37.19 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion:178 Resp: 1115263
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 15.9 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

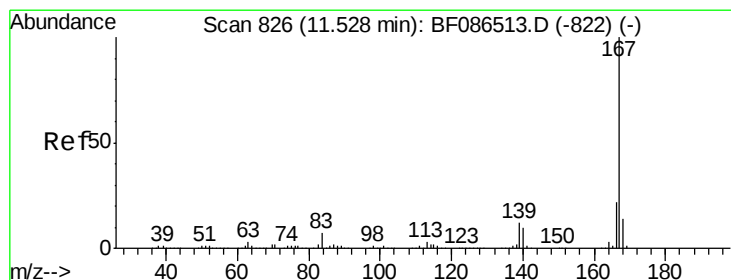
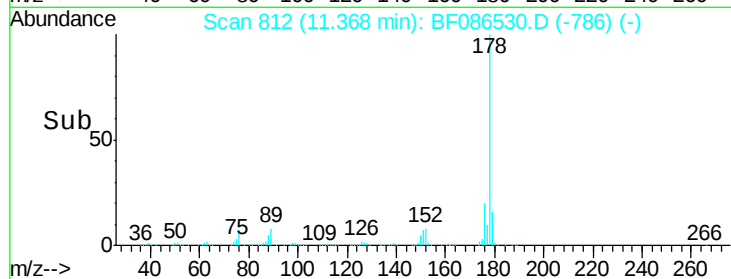
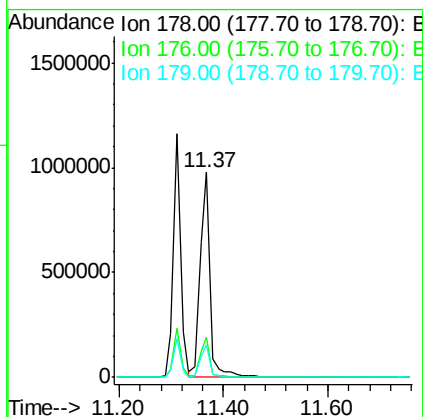
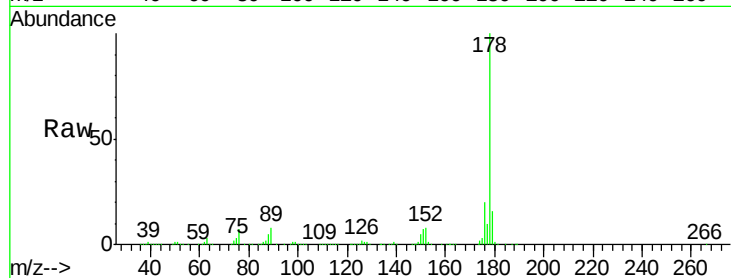




#71
 Anthracene
 Concen: 40.76 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

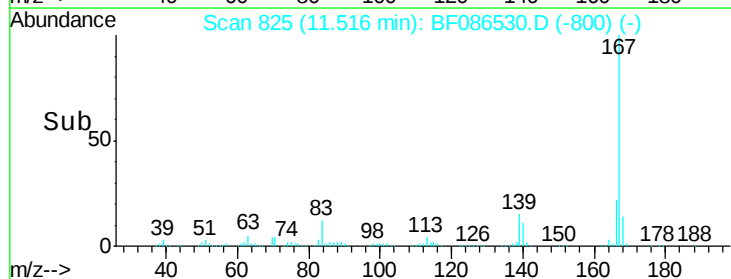
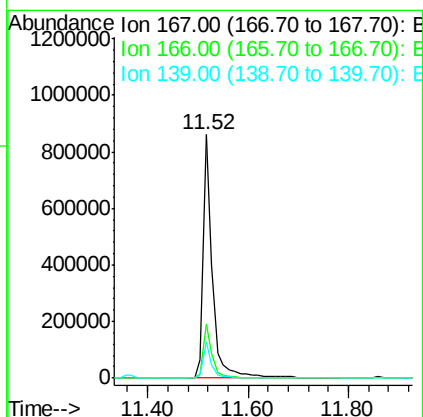
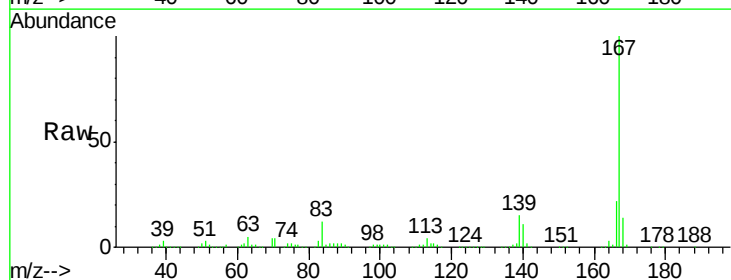
Instrument :
 BNA_F
 ClientSampleId :

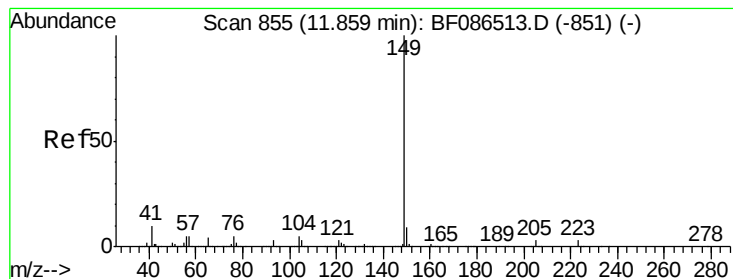
Tot Ion:178 Resp: 1304414
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 39.08 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion:167 Resp: 1108394
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 14.7 10.8 16.2





#73

Di-n-butylphthalate

Concen: 41.55 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

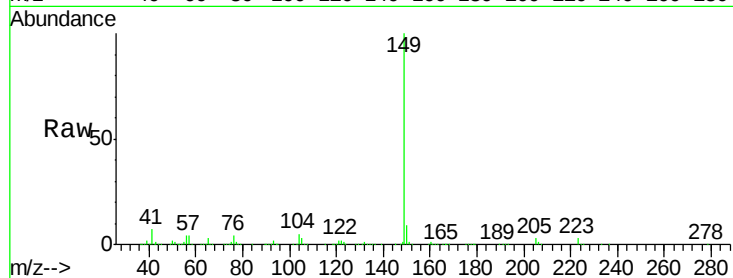
Tot Ion:149 Resp: 1335153

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

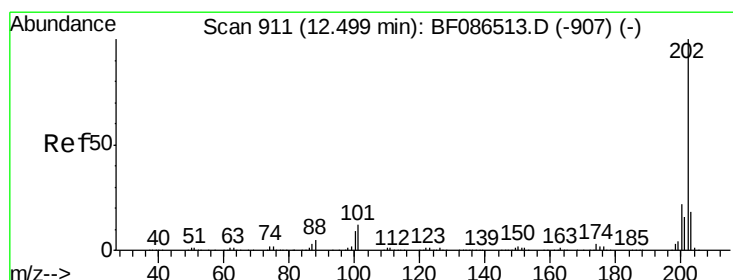
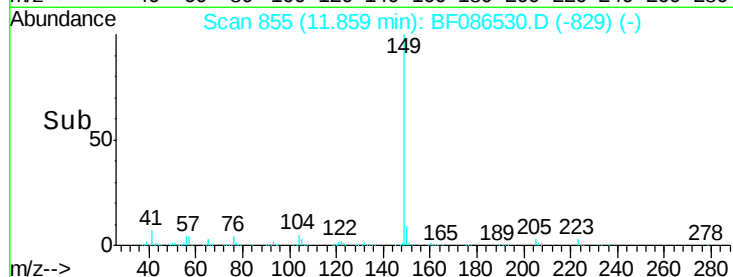
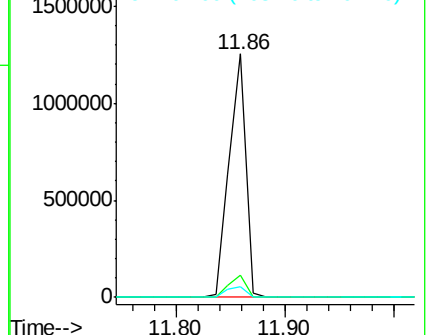
104 4.6 3.8 5.6



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: 41.22 ng

RT: 12.50 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

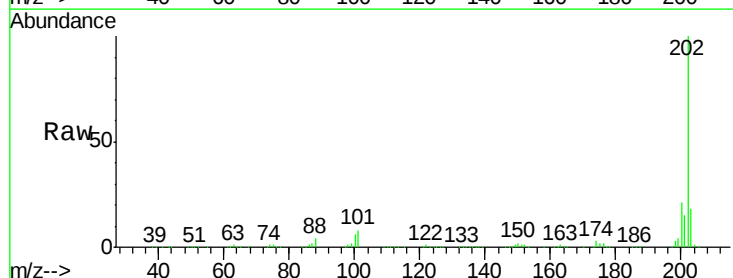
Tgt Ion:202 Resp: 1247772

Ion Ratio Lower Upper

202 100

101 8.3 0.0 35.4

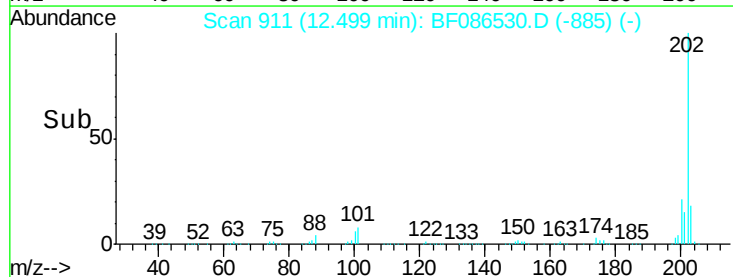
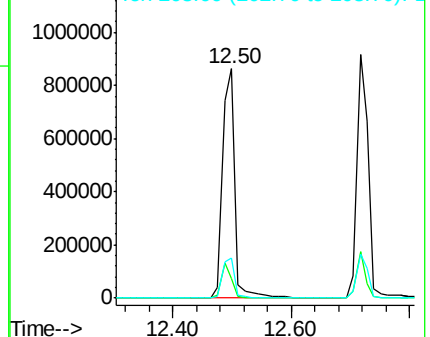
203 17.6 0.0 38.1

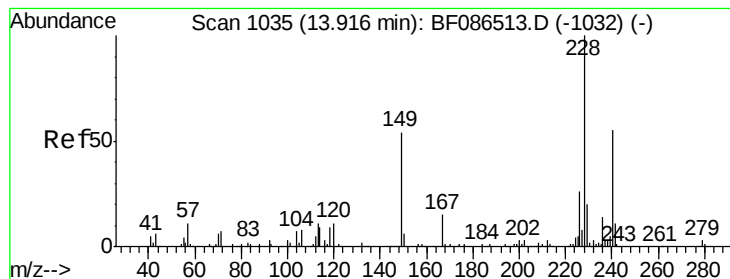


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampled :

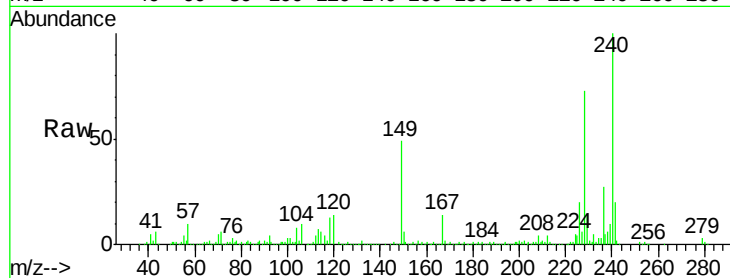
Tot Ion:240 Resp: 418721

Ion Ratio Lower Upper

240 100

120 14.5 11.2 16.8

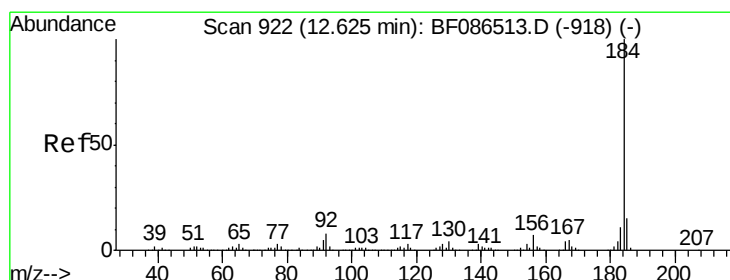
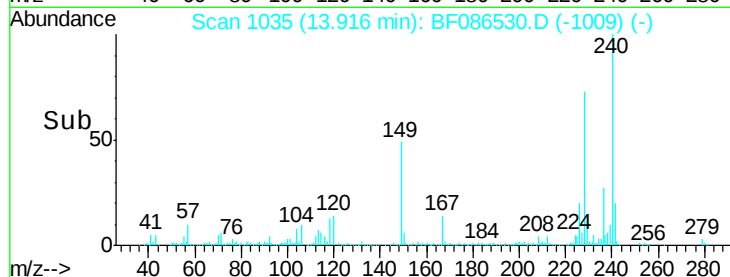
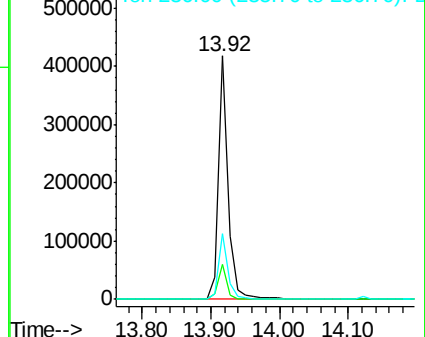
236 26.7 21.2 31.8



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: 24.32 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

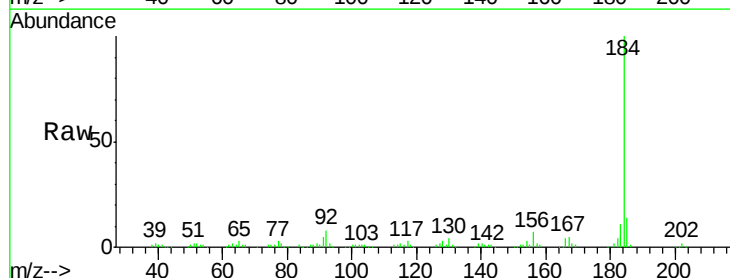
Tgt Ion:184 Resp: 349888

Ion Ratio Lower Upper

184 100

185 14.5 13.6 20.4

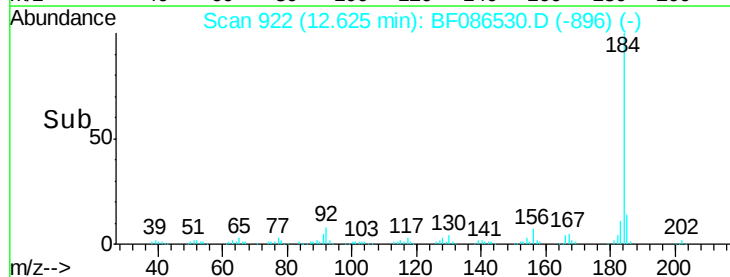
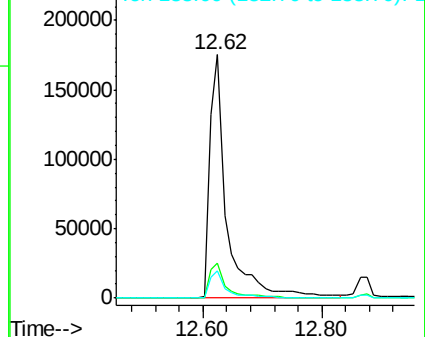
183 11.2 9.8 14.6

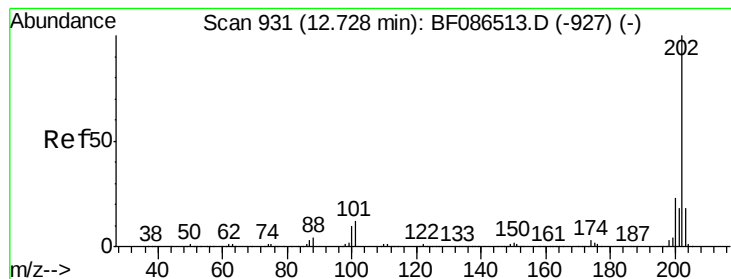


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.84 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

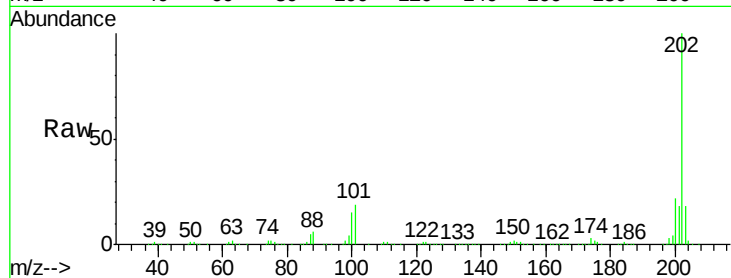
Tot Ion:202 Resp: 1202012

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

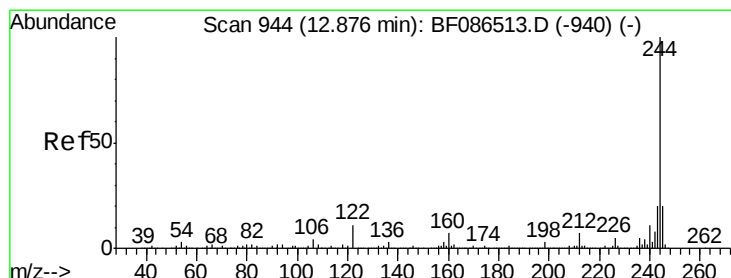
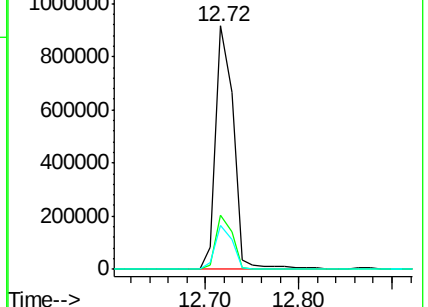
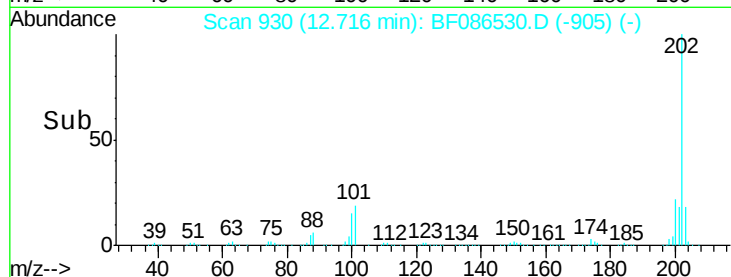
203 18.2 14.2 21.4



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: 79.35 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

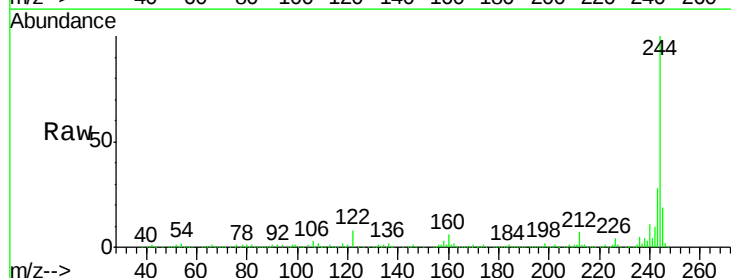
Tgt Ion:244 Resp: 1508074

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

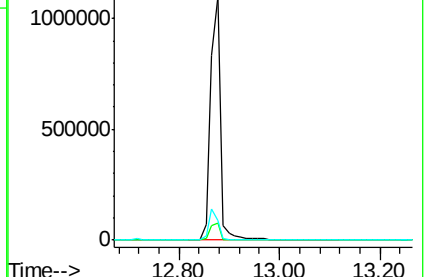
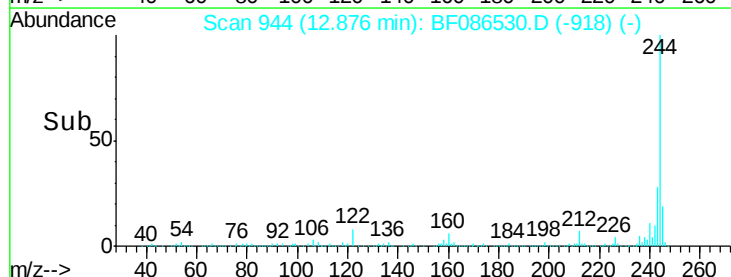
122 8.1 12.0 18.0#

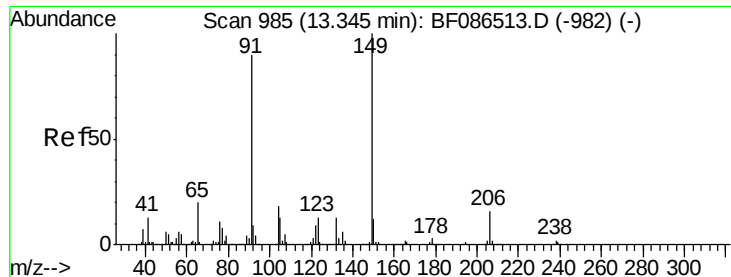


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

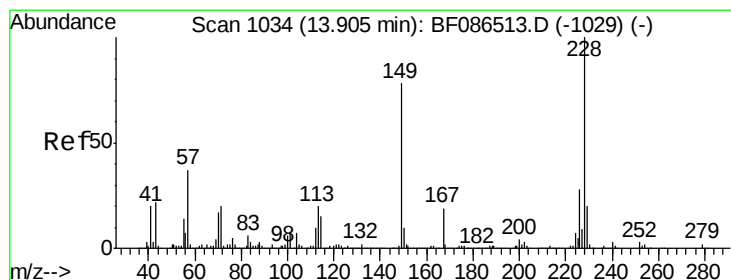
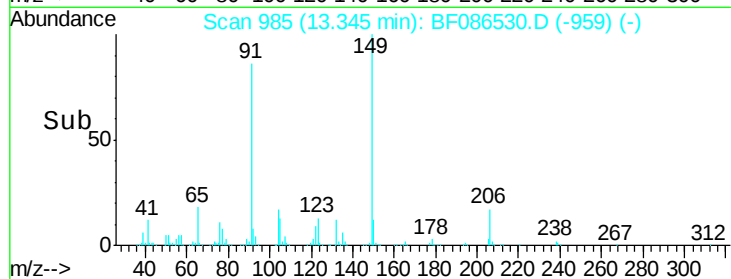
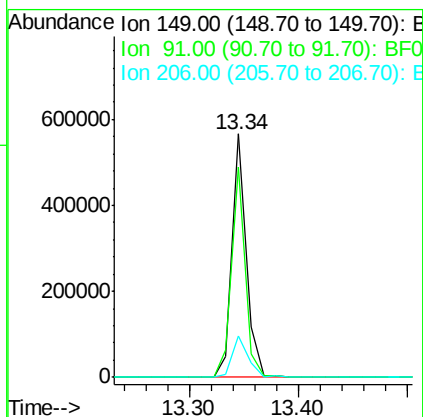
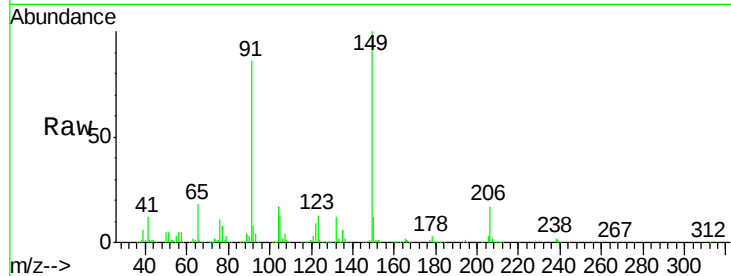




#79
Butylbenzylphthalate
Concen: 39.45 ng
RT: 13.34 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

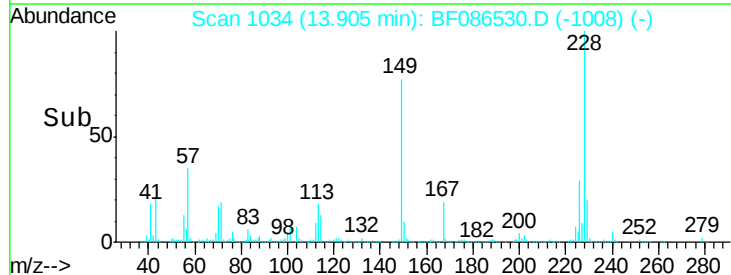
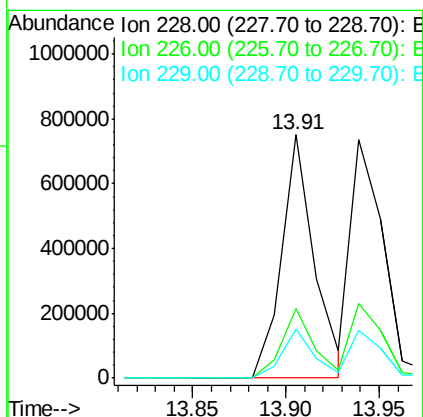
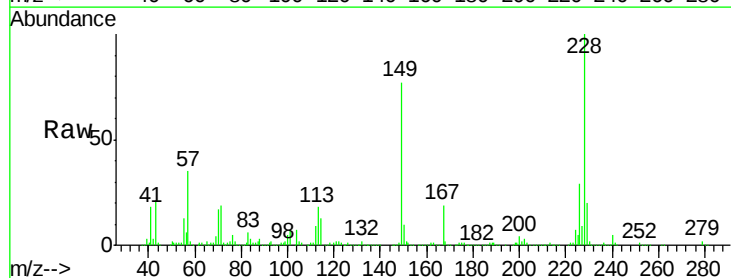
Instrument :
BNA_F
ClientSampleId :

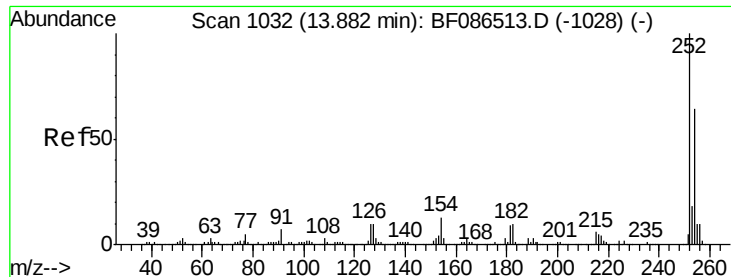
Tot Ion:149 Resp: 515470
Ion Ratio Lower Upper
149 100
91 86.3 48.0 72.0#
206 17.0 15.8 23.6



#80
Benzo(a)anthracene
Concen: 41.08 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion:228 Resp: 917041
Ion Ratio Lower Upper
228 100
226 28.5 22.5 33.7
229 20.1 16.6 25.0

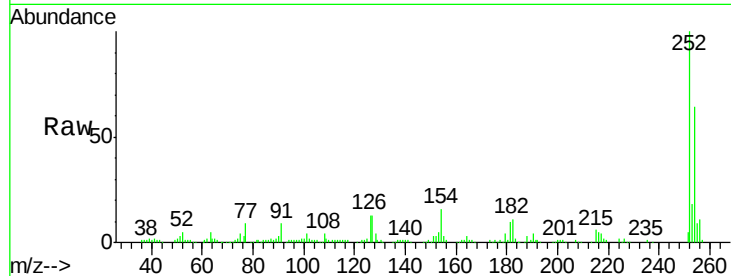




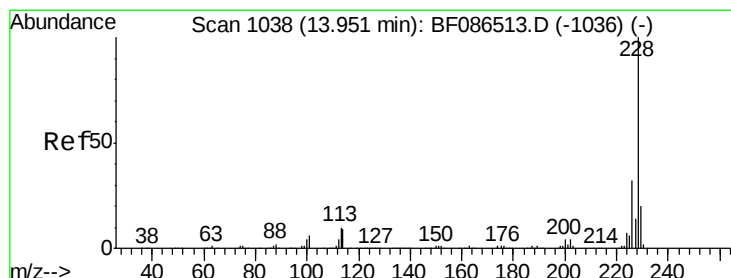
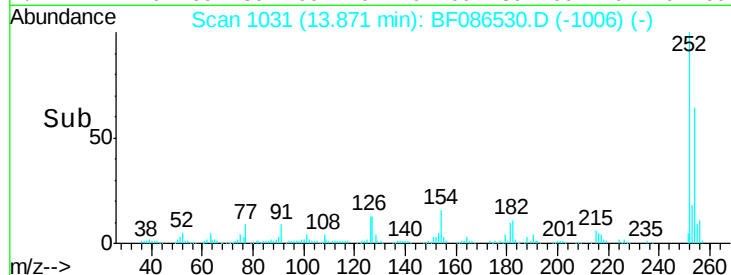
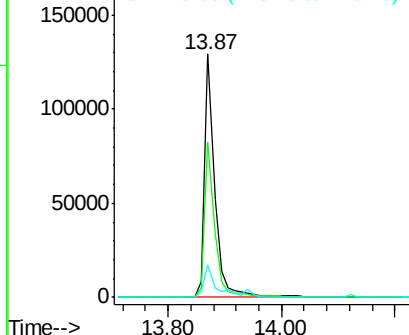
#81
 3,3'-Dichlorobenzidine
 Concen: 10.46 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 156118
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.7 76.1
 126 13.3 12.7 19.1

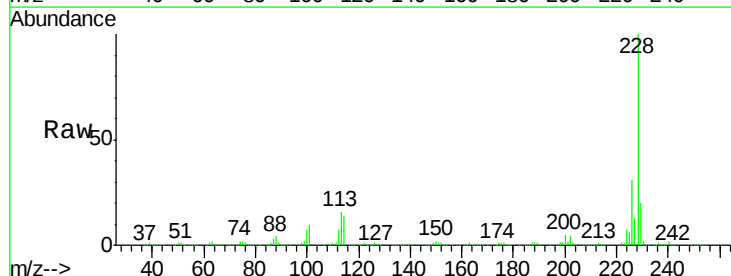


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

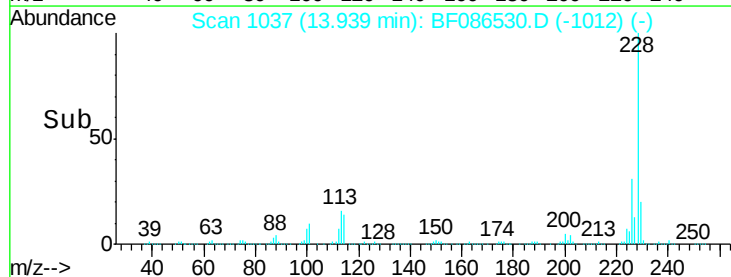
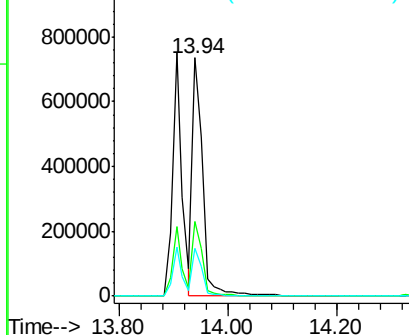


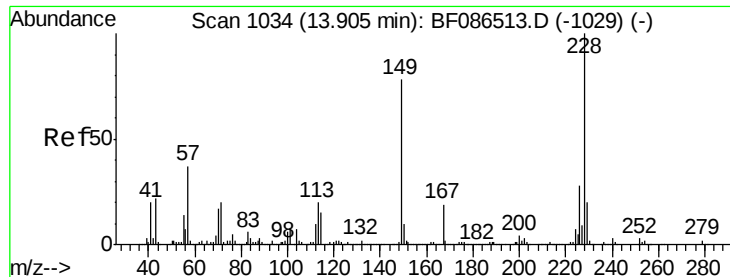
#82
 Chrysene
 Concen: 39.44 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion:228 Resp: 956983
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.4 36.6
 229 20.2 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

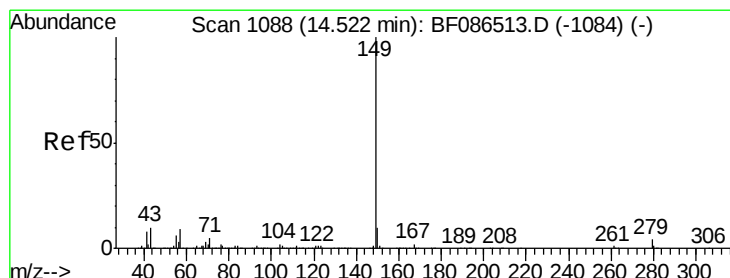
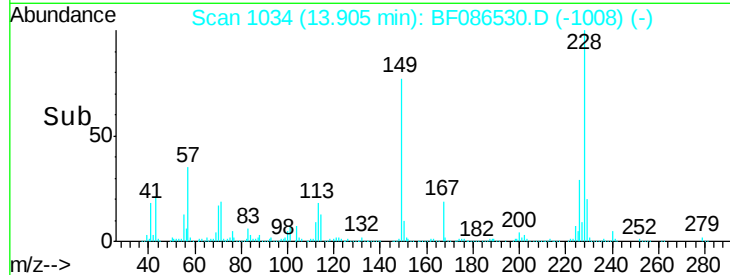
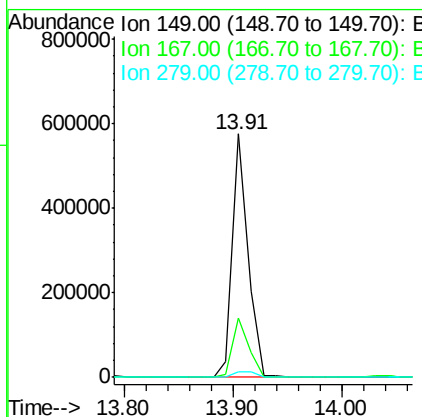
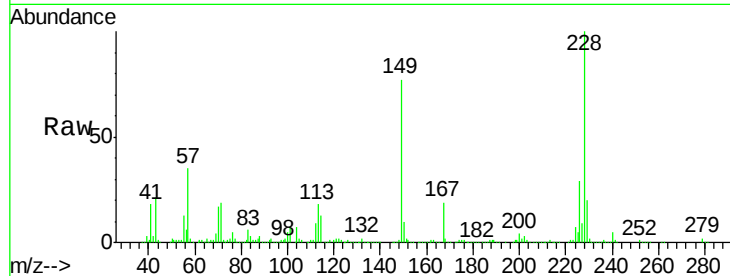




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.00 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

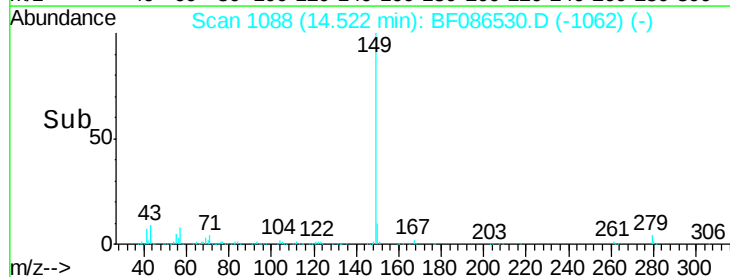
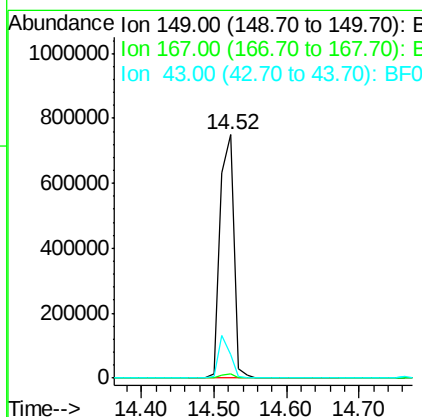
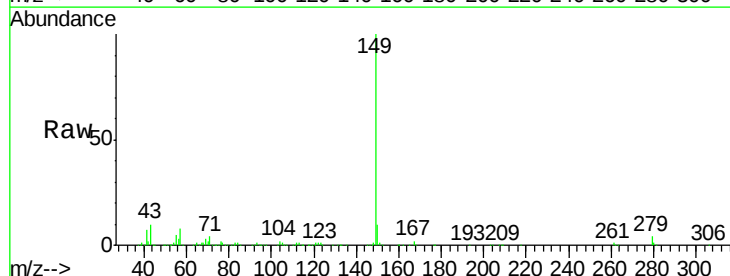
Instrument :
 BNA_F
 ClientSampleId :

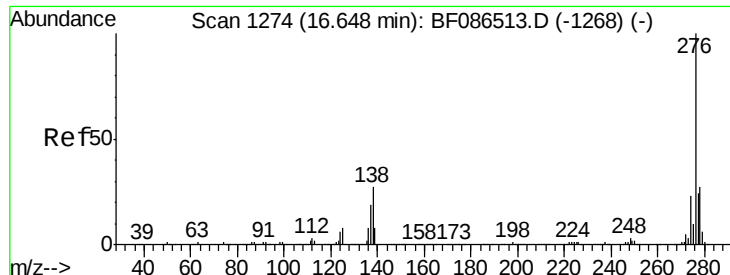
Tot Ion:149	Resp:	567651
Ion	Ratio	Lower Upper
149	100	
167	24.5	21.8 32.6
279	2.3	2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 38.95 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion:149	Resp:	989279
Ion	Ratio	Lower Upper
149	100	
167	1.6	1.2 1.8
43	14.6	8.2 12.4#

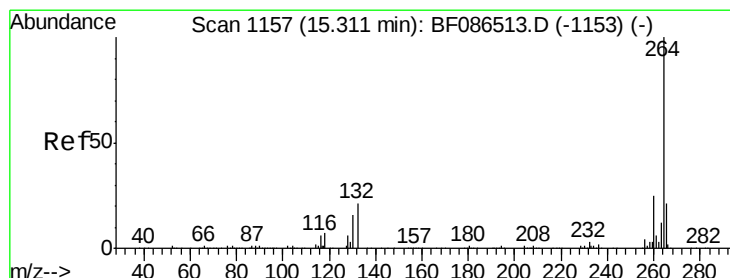
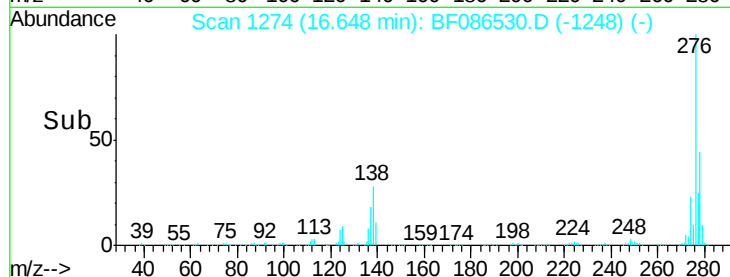
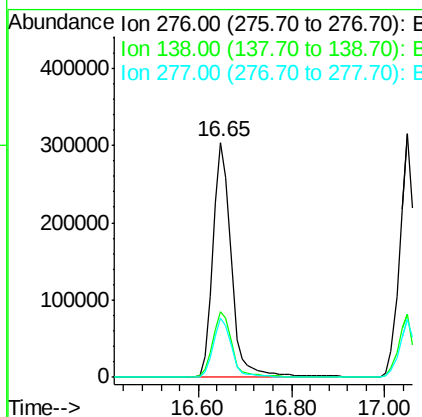
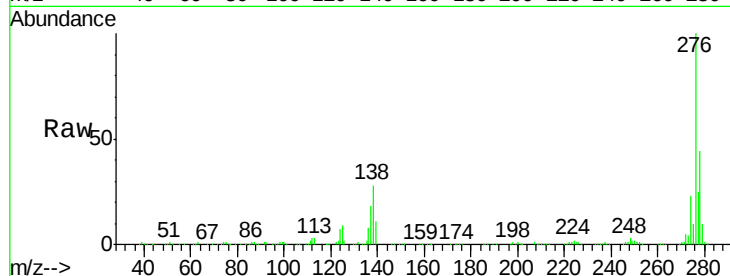




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.87 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

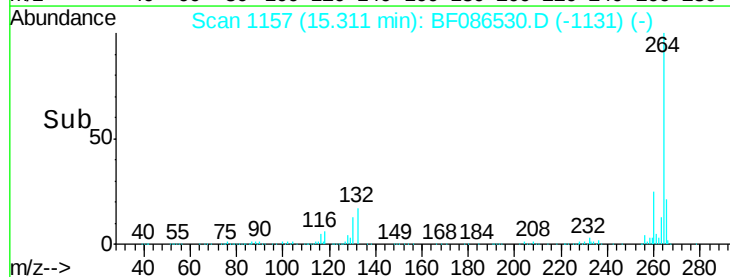
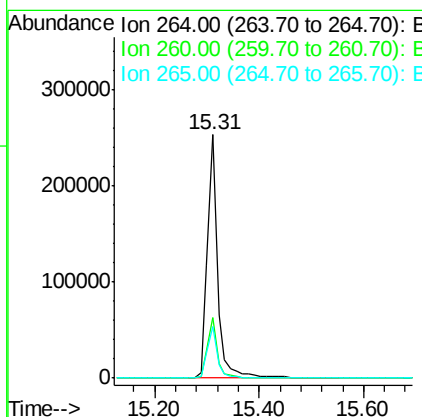
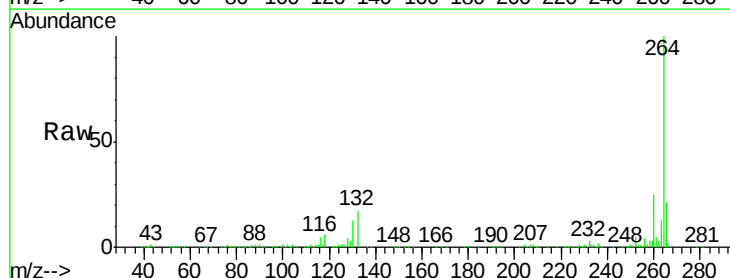
Instrument :
 BNA_F
 ClientSampleId :

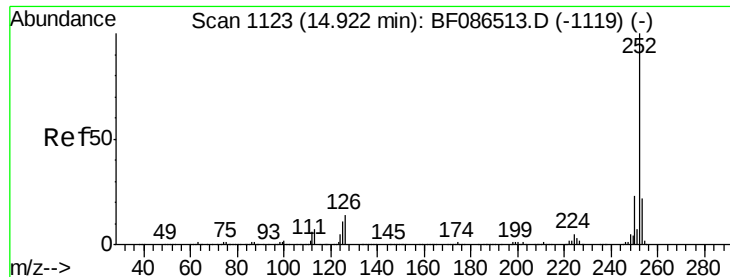
Tot Ion:276 Resp: 842812
 Ion Ratio Lower Upper
 276 100
 138 28.8 25.6 38.4
 277 25.4 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF086530.D
 Acq: 30 Apr 2016 18:17

Tgt Ion:264 Resp: 345373
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.4 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 82.11 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.02 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

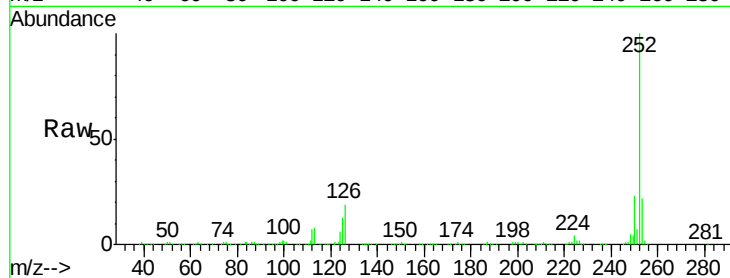
Tot Ion:252 Resp: 1668323

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

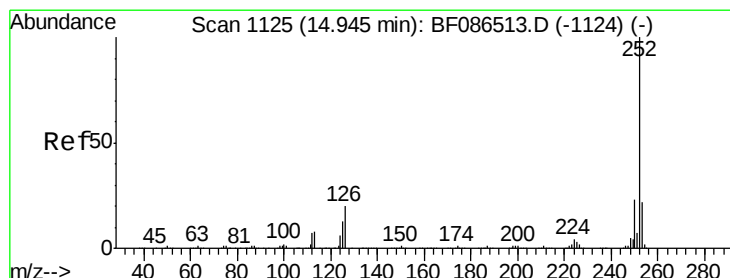
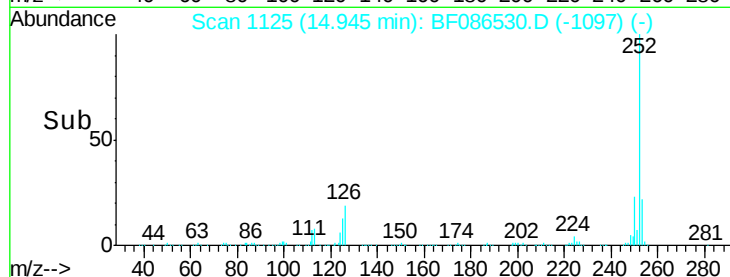
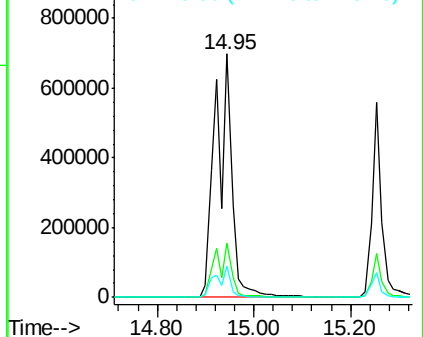
125 13.1 11.4 17.0



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: 78.82 ng

RT: 14.95 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

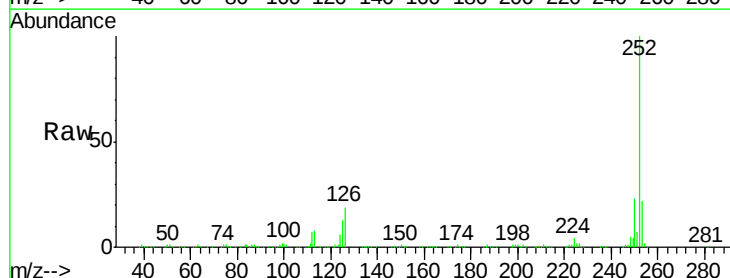
Tgt Ion:252 Resp: 1670518

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

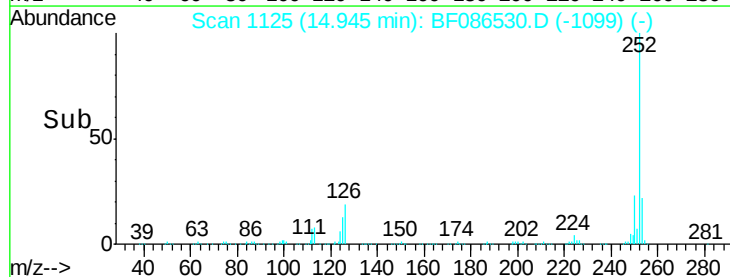
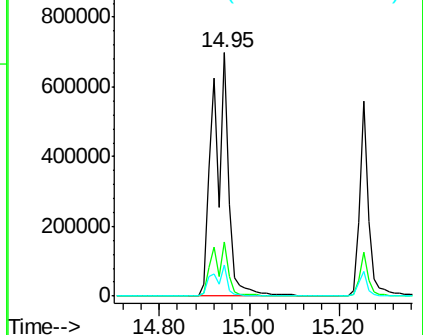
125 13.1 9.1 13.7

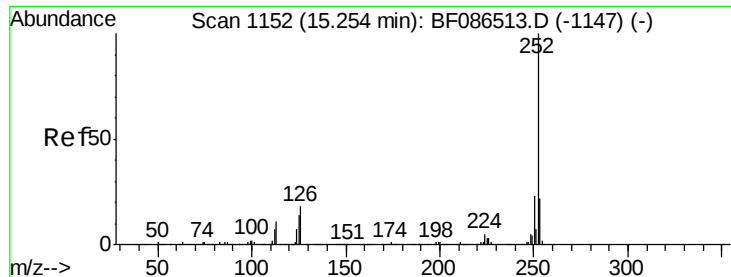


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

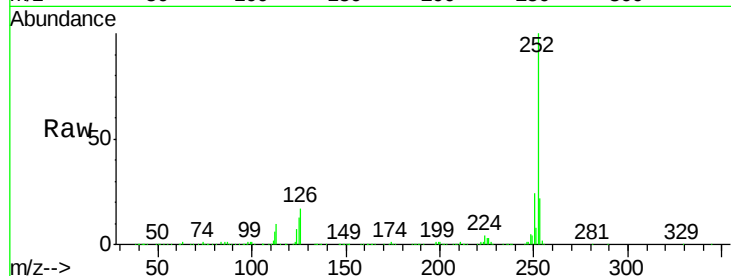




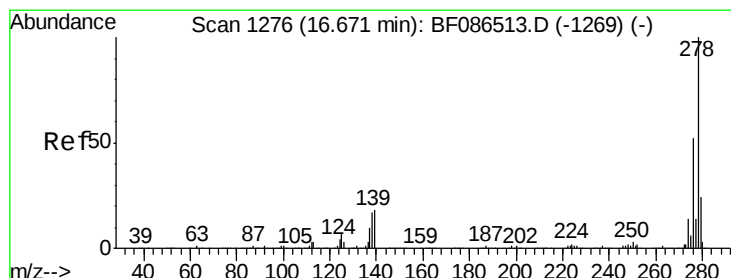
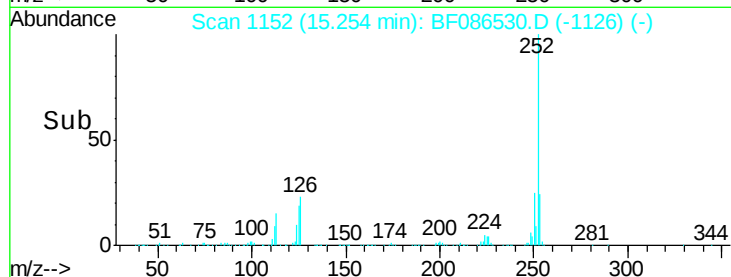
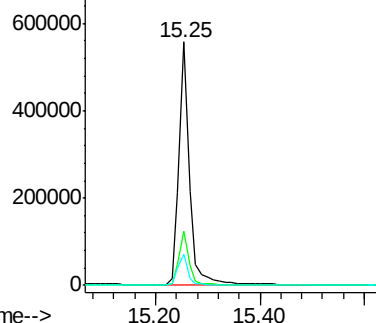
#89
Benzo(a)pyrene
Concen: 40.46 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 776173
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 13.0 9.0 13.6

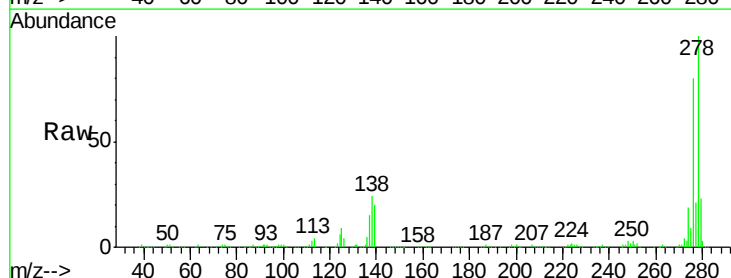


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

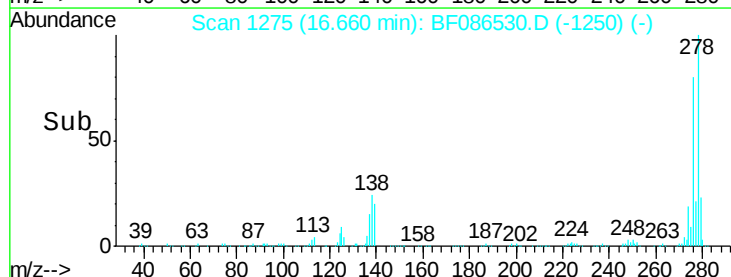
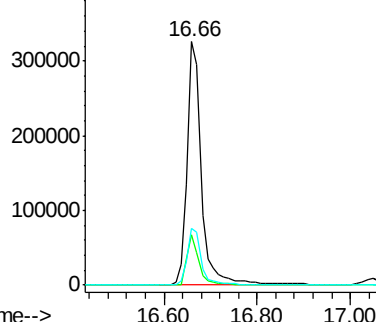


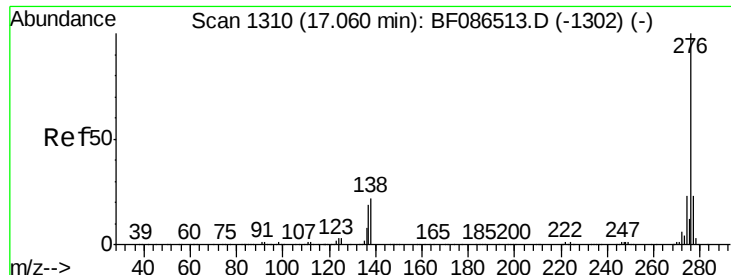
#90
Dibenzo(a,h)anthracene
Concen: 44.61 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF086530.D
Acq: 30 Apr 2016 18:17

Tgt Ion:278 Resp: 700368
Ion Ratio Lower Upper
278 100
139 20.4 16.6 24.8
279 23.5 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: 45.20 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF086530.D

Acq: 30 Apr 2016 18:17

Instrument :

BNA_F

ClientSampleId :

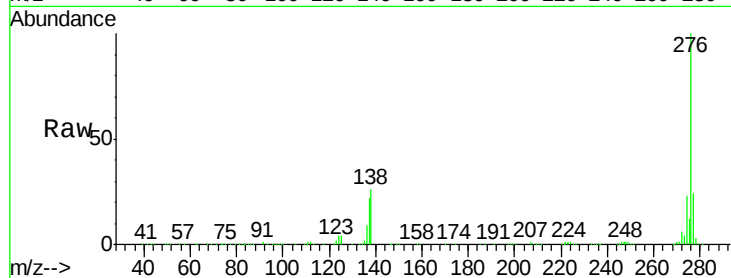
Tot Ion: 276 Resp: 711089

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 26.0 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

