

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086525.D
 Acq On : 30 Apr 2016 15:56
 Operator : UM/SJ
 Sample : PB90140BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:20:43 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	148374	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	631906	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	305154	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	585026	20.00	ng	0.00
75) Chrysene-d12	13.92	240	436440	20.00	ng	0.00
86) Perylene-d12	15.31	264	355932	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1045626	121.56	ng	0.01
7) Phenol-d6	6.41	99	1519260	126.55	ng	0.00
23) Nitrobenzene-d5	7.33	82	926775	79.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	419744	130.43	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1607558	94.36	ng	0.00
78) Terphenyl-d14	12.88	244	1592417	80.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	147863	32.72	ng	# 76
3) Pyridine	3.07	79	367281	34.34	ng	# 78
4) n-Nitrosodimethylamine	3.01	42	259338	42.55	ng	# 58
6) Aniline	6.43	93	344668	23.72	ng	# 43
8) 2-Chlorophenol	6.56	128	425195	39.69	ng	98
9) Benzaldehyde	6.30	77	62903	9.01	ng	97
10) Phenol	6.43	94	490739	36.64	ng	# 70
11) bis(2-Chloroethyl)ether	6.51	93	470368	40.62	ng	92
12) 1,3-Dichlorobenzene	6.70	146	419704	36.42	ng	# 93
13) 1,4-Dichlorobenzene	6.78	146	447231	37.61	ng	95
14) 1,2-Dichlorobenzene	6.93	146	396340	36.35	ng	95
15) Benzyl Alcohol	6.92	79	352032	46.35	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	882571	38.08	ng	90
17) 2-Methylphenol	7.04	107	370853	42.82	ng	94
18) Hexachloroethane	7.28	117	159034	35.79	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	327550	41.28	ng	# 82
20) 3+4-Methylphenols	7.18	107	421934	42.67	ng	# 86
22) Acetophenone	7.18	105	576132	41.58	ng	# 90
24) Nitrobenzene	7.36	77	497650	41.27	ng	97
25) Isophorone	7.60	82	877067	38.87	ng	99
26) 2-Nitrophenol	7.68	139	232833	41.93	ng	96
27) 2,4-Dimethylphenol	7.72	122	419654	43.07	ng	94
28) bis(2-Chloroethoxy)methane	7.81	93	548010	44.58	ng	99
29) 2,4-Dichlorophenol	7.92	162	359848	43.78	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	357245	37.46	ng	96
31) Naphthalene	8.08	128	1236197	38.45	ng	99
32) Benzoic acid	7.85	122	185414	34.46	ng	86
33) 4-Chloroaniline	8.13	127	159584	13.25	ng	99
34) Hexachlorobutadiene	8.20	225	194406	36.37	ng	99
35) Caprolactam	8.50	113	81824	29.84	ng	# 54
36) 4-Chloro-3-methylphenol	8.62	107	417452	44.36	ng	98
37) 2-Methylnaphthalene	8.77	142	819138	43.17	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	307806	35.24	ng	# 97
40) Hexachlorocyclopentadiene	8.92	237	316431	72.90	ng	97

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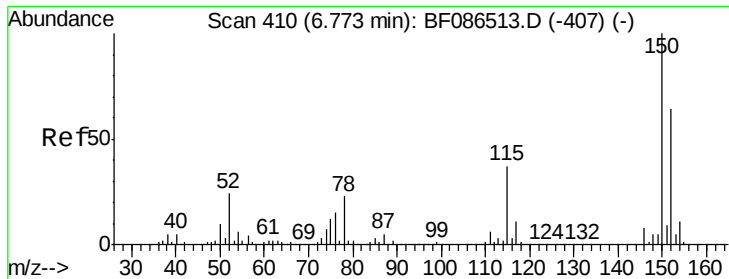
Instrument :
 BNA_F
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Quant Time: May 01 01:20:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.05	196	228885	41.45	nq	96
43) 2,4,5-Trichlorophenol	9.09	196	244189	40.58	nq	# 90
45) 1,1'-Biphenyl	9.23	154	957080	37.52	nq	96
46) 2-Chloronaphthalene	9.25	162	717820	37.01	nq	93
47) 2-Nitroaniline	9.36	65	304792	49.01	nq	87
48) Acenaphthylene	9.66	152	1162672	38.35	nq	99
49) Dimethylphthalate	9.54	163	896080	39.01	nq	99
50) 2,6-Dinitrotoluene	9.60	165	192993	40.66	nq	# 85
51) Acenaphthene	9.84	154	831659	42.71	nq	99
52) 3-Nitroaniline	9.77	138	111067	20.58	nq	100
53) 2,4-Dinitrophenol	9.87	184	182508	71.28	nq	# 73
54) Dibenzofuran	10.02	168	1063436	43.70	nq	96
55) 4-Nitrophenol	9.94	139	311146	88.04	nq	# 69
56) 2,4-Dinitrotoluene	10.01	165	265587	43.90	nq	# 83
57) Fluorene	10.35	166	760545	35.99	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	215933	45.89	nq	99
59) Diethylphthalate	10.24	149	862168	39.65	nq	99
60) 4-Chlorophenyl-phenylether	10.35	204	377684	39.37	nq	88
61) 4-Nitroaniline	10.38	138	229683	43.53	nq	86
62) Azobenzene	10.51	77	1080437	45.36	nq	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	134188	39.07	nq	# 60
65) n-Nitrosodiphenylamine	10.48	169	729615	39.90	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	237781	39.44	nq	# 78
67) Hexachlorobenzene	10.90	284	260510	37.33	nq	# 76
68) Atrazine	11.00	200	259624	47.29	nq	96
69) Pentachlorophenol	11.09	266	270535	73.54	nq	97
70) Phenanthrene	11.31	178	1178427	38.38	nq	99
71) Anthracene	11.37	178	1381922	42.18	nq	100
72) Carbazole	11.52	167	1187058	40.88	nq	99
73) Di-n-butylphthalate	11.86	149	1419410	43.15	nq	99
74) Fluoranthene	12.50	202	1330095	42.92	nq	92
76) Benzidine	12.63	184	358735	23.92	nq	95
77) Pyrene	12.73	202	1304648	41.49	nq	99
79) Butylbenzylphthalate	13.35	149	526666	38.67	nq	# 71
80) Benzo(a)anthracene	13.91	228	962931	41.38	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	170566	10.97	nq	99
82) Chrysene	13.94	228	1034031	40.88	nq	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	602293	35.62	nq	# 96
84) Di-n-octyl phthalate	14.52	149	1027072	38.79	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.65	276	844952	45.09	nq	98
87) Benzo(b)fluoranthene	14.95	252	1734490	82.84	nq	98
88) Benzo(k)fluoranthene	14.95	252	1736715	79.52	nq	99
89) Benzo(a)pyrene	15.25	252	805826	40.76	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	706067	43.64	nq	99
91) Benzo(g,h,i)perylene	17.05	276	716093	44.17	nq	97

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

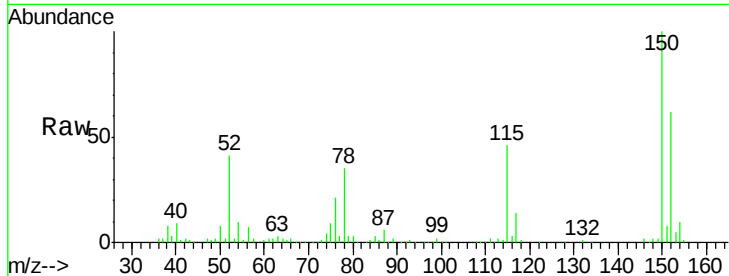


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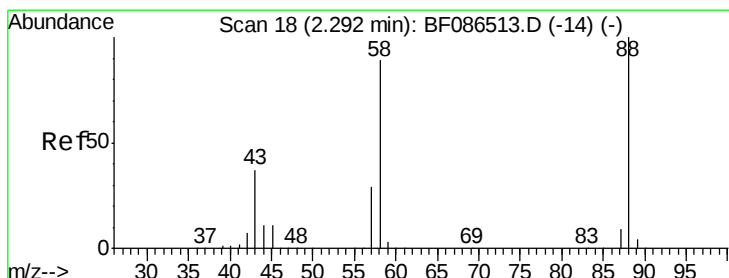
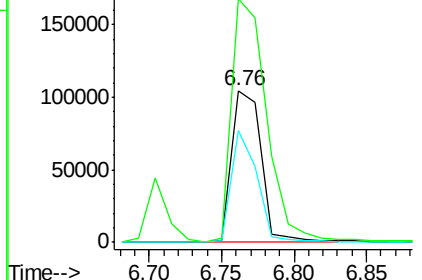
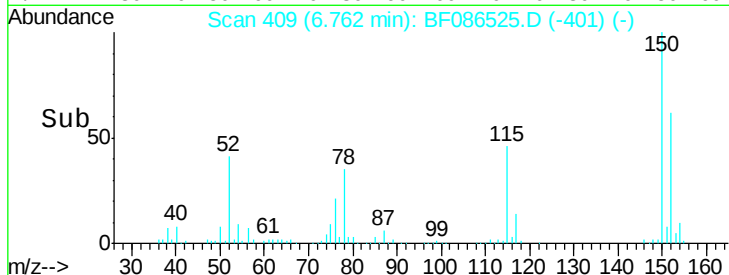
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 148374
Ion Ratio Lower Upper
152 100
150 160.2 125.8 188.6
115 73.3 51.5 77.3



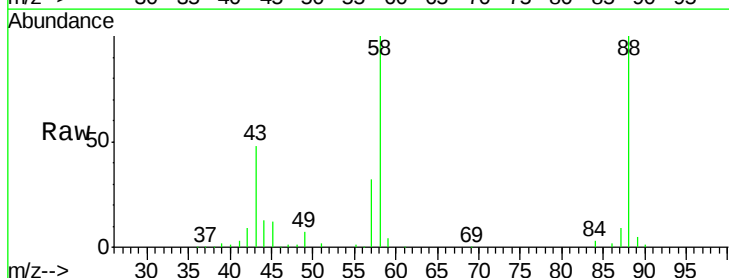
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



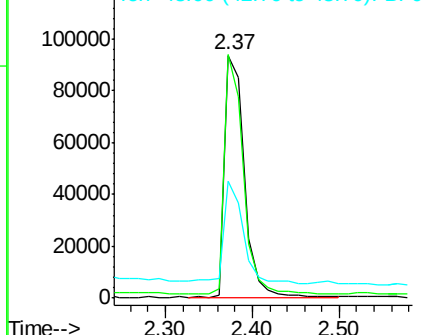
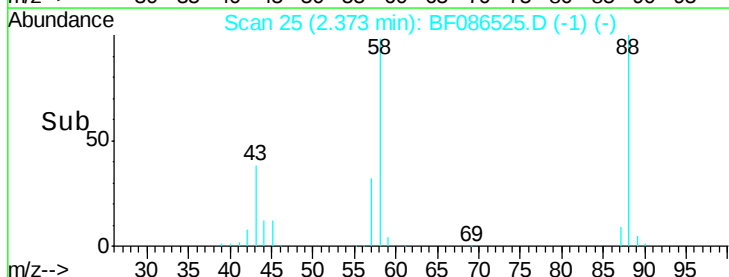
#2

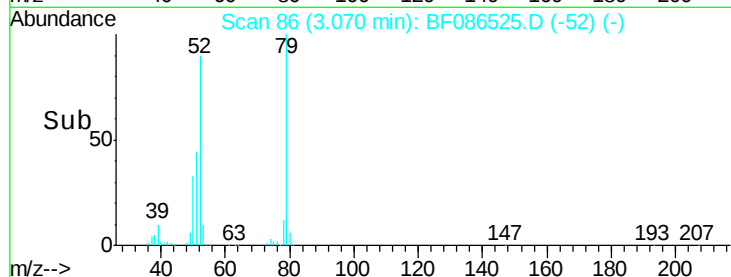
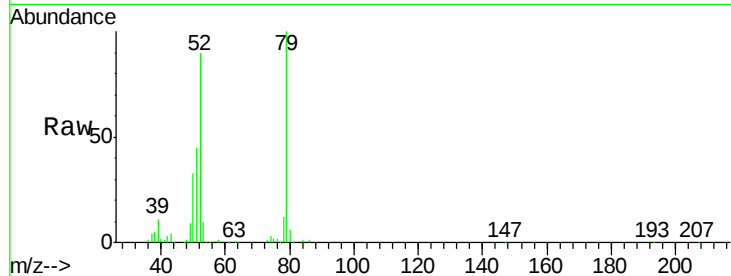
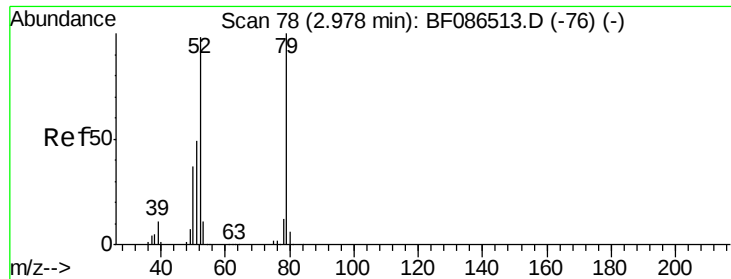
1,4-Dioxane
Concen: 32.72 ng
RT: 2.37 min Scan# 25
Delta R.T. 0.08 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion: 88 Resp: 147863
Ion Ratio Lower Upper
88 100
58 93.4 59.6 89.4#
43 41.3 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

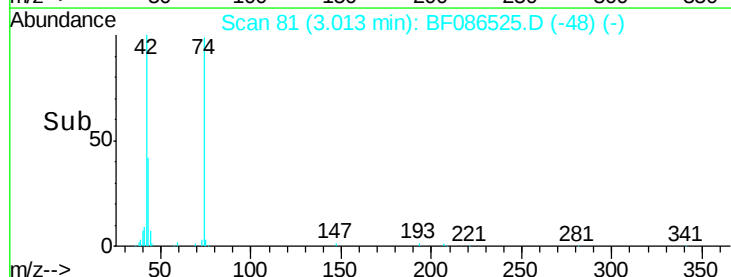
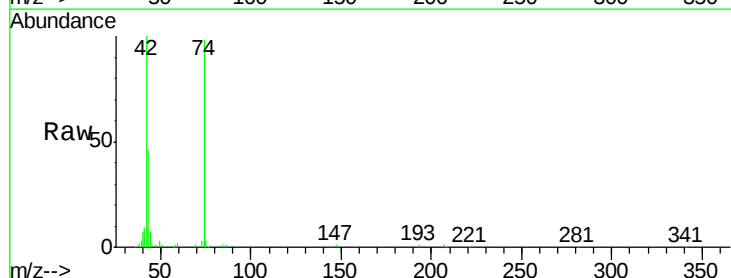
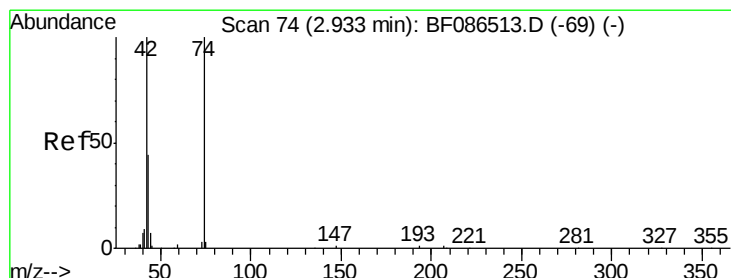
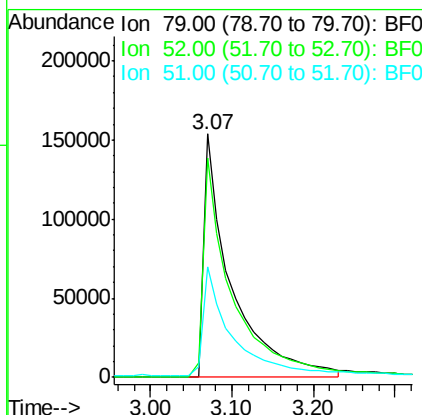




#3
 Pvridine
 Concen: 34.34 ng
 RT: 3.07 min Scan# 86
 Delta R.T. 0.09 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

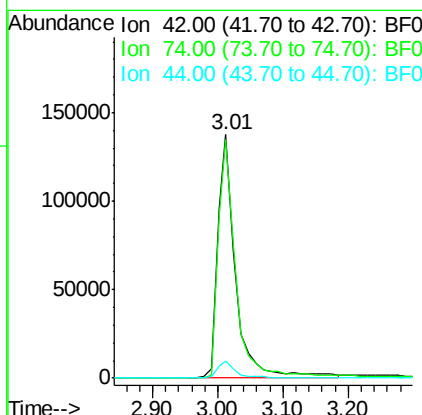
Instrument :
 BNA_F
 ClientSampleId :

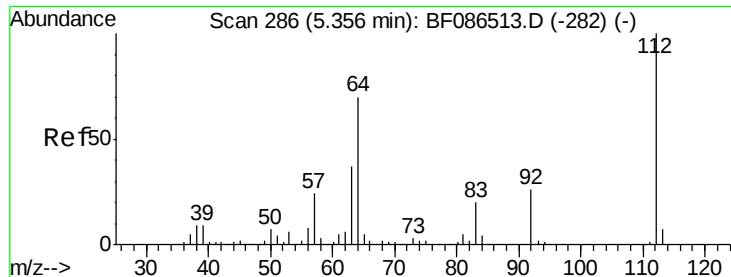
Tot Ion: 79 Resp: 367281
 Ion Ratio Lower Upper
 79 100
 52 90.3 55.9 83.9#
 51 45.3 28.1 42.1#



#4
 n-Nitrosodimethylamine
 Concen: 42.55 ng
 RT: 3.01 min Scan# 81
 Delta R.T. 0.08 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion: 42 Resp: 259338
 Ion Ratio Lower Upper
 42 100
 74 98.1 123.4 185.0#
 44 6.8 5.8 8.6





#5

2-Fluorophenol

Concen: 121.56 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :

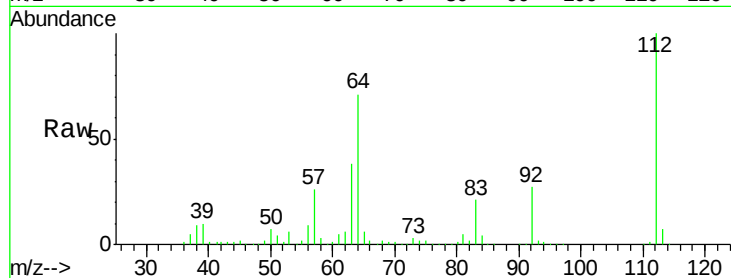
Tot Ion:112 Resp: 1045626

Ion Ratio Lower Upper

112 100

64 71.0 52.1 78.1

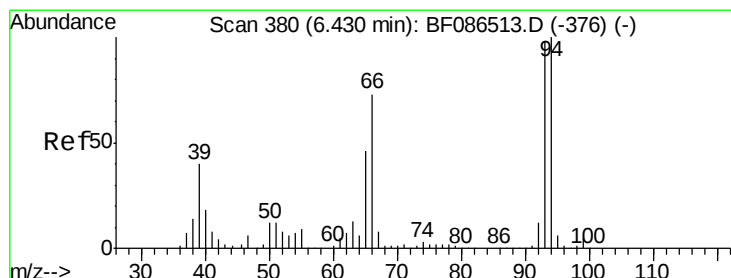
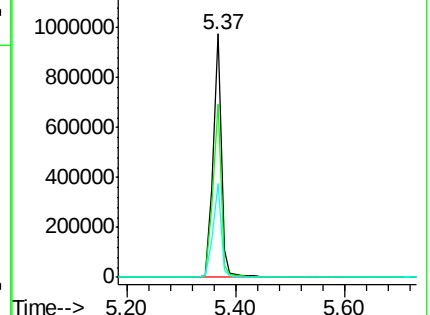
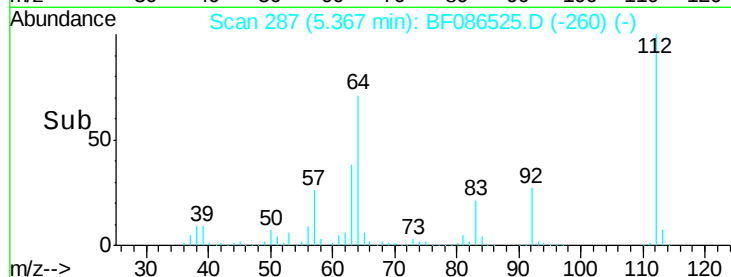
63 38.3 25.7 38.5



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: 23.72 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

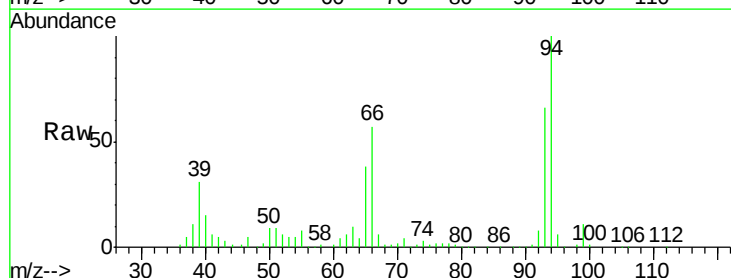
Tgt Ion: 93 Resp: 344668

Ion Ratio Lower Upper

93 100

66 86.4 39.0 58.6#

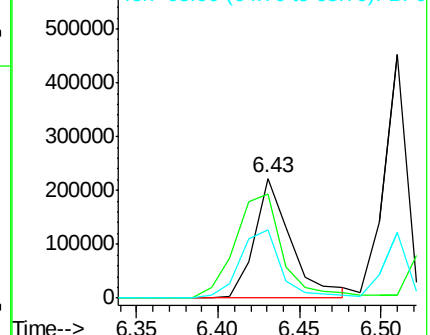
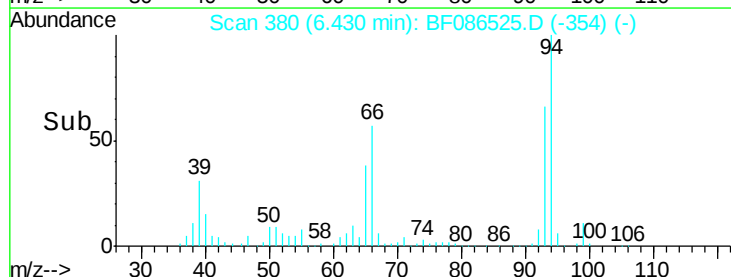
65 56.7 20.6 31.0#

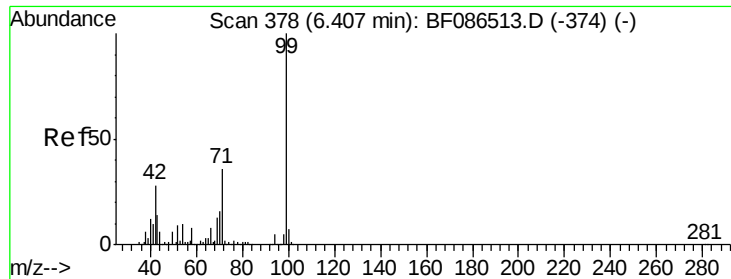


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.55 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

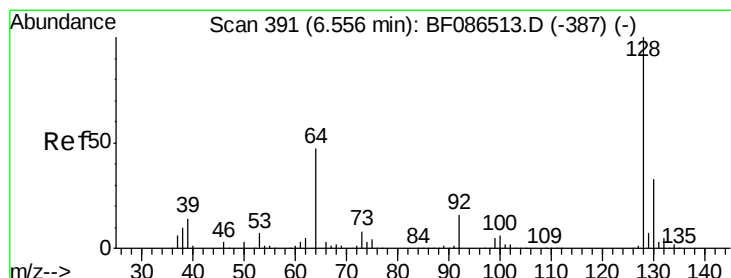
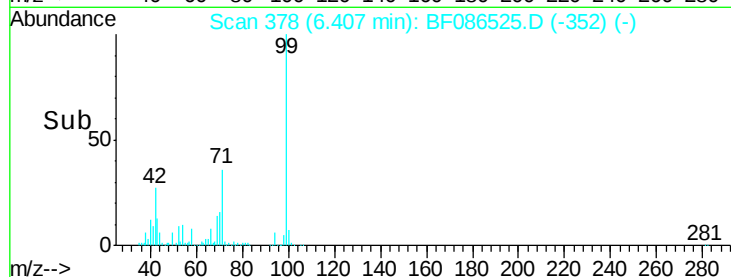
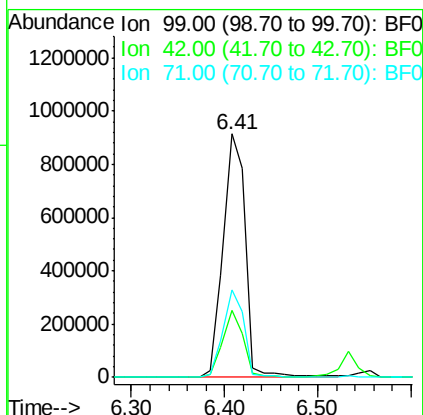
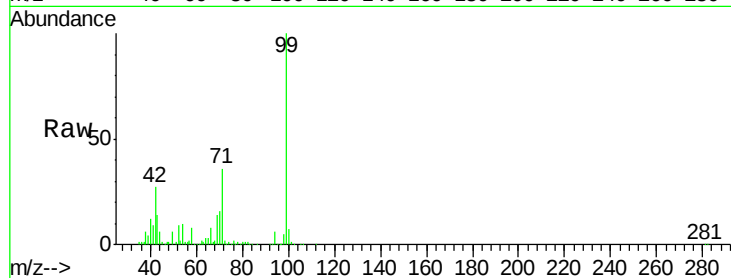
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1519260

Ion	Ratio	Lower	Upper
99	100		
42	27.3	13.6	20.4#
71	36.1	24.6	36.8



#8

2-Chlorophenol

Concen: 39.69 ng

RT: 6.56 min Scan# 391

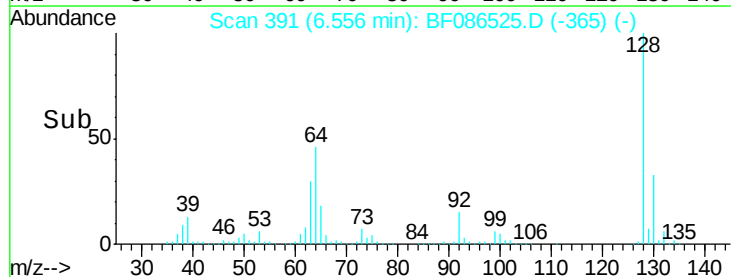
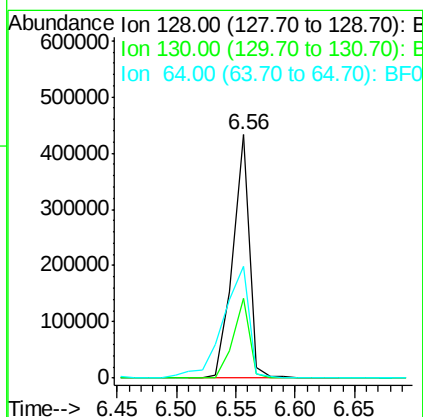
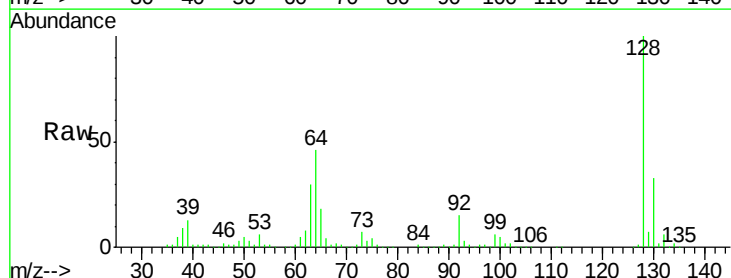
Delta R.T. 0.00 min

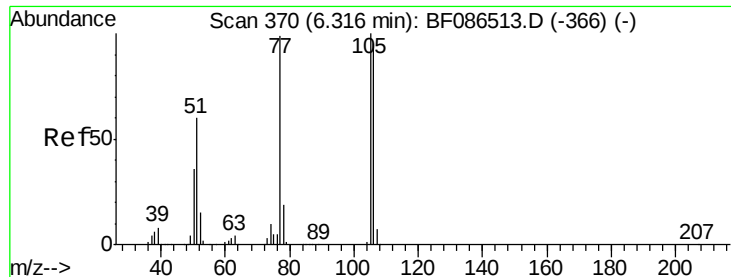
Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Tgt Ion:128 Resp: 425195

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.5	52.5
64	45.7	27.3	67.3





#9

Benzaldehyde

Concen: 9.01 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampled :

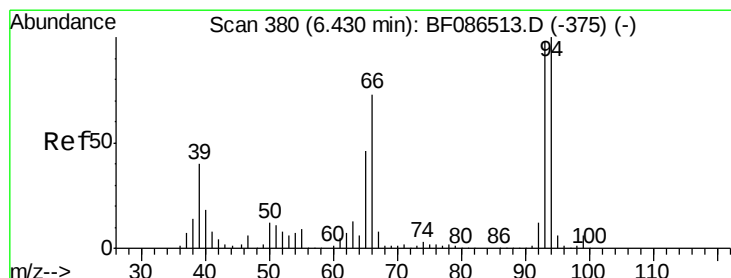
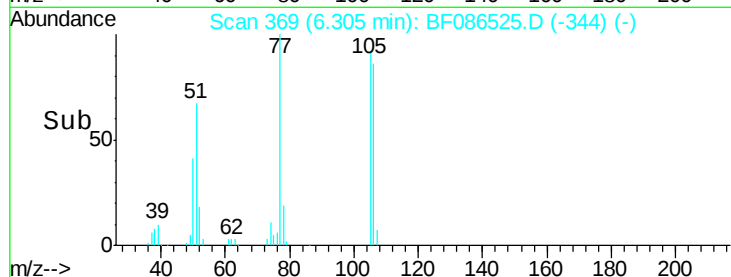
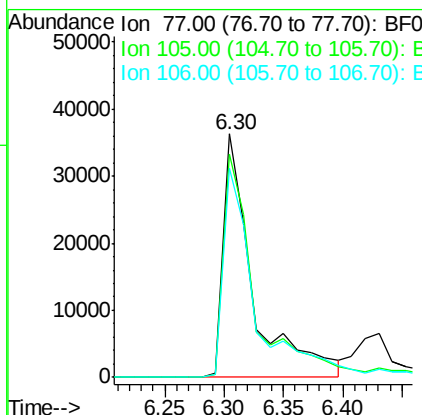
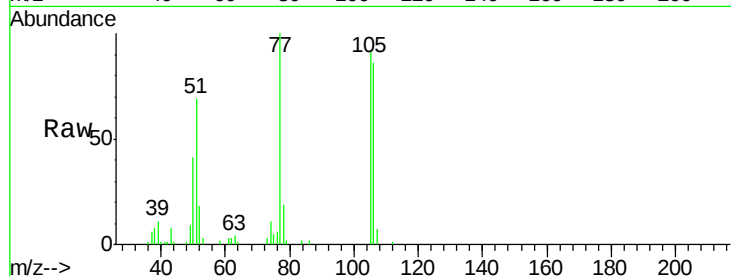
Tot Ion: 77 Resp: 62903

Ion Ratio Lower Upper

77 100

105 91.8 72.7 112.7

106 85.8 70.8 110.8



#10

Phenol

Concen: 36.64 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

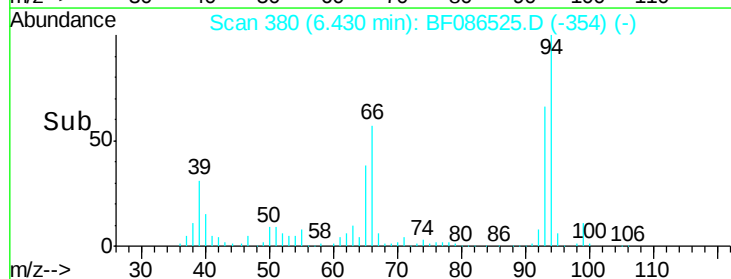
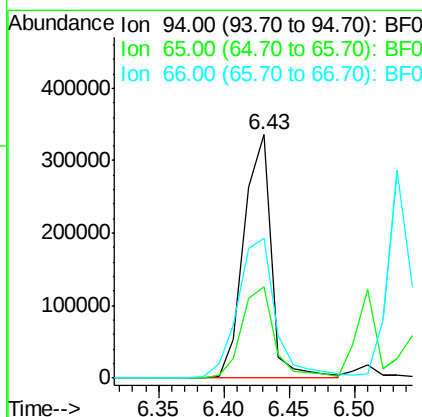
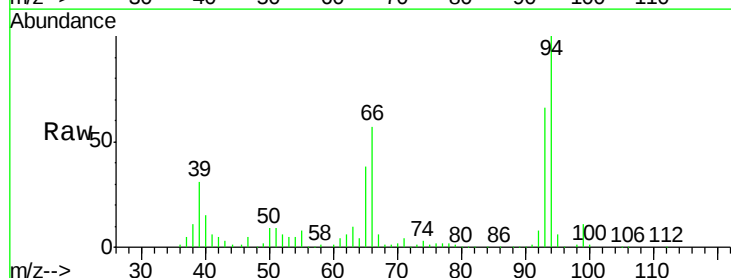
Tgt Ion: 94 Resp: 490739

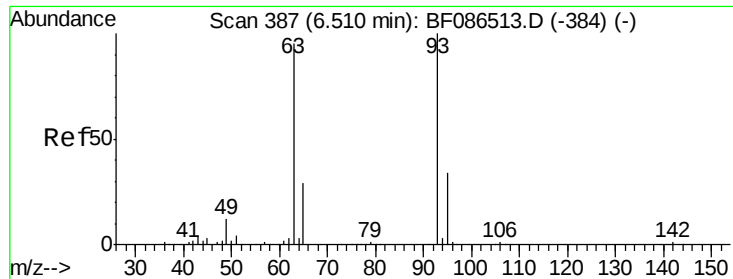
Ion Ratio Lower Upper

94 100

65 37.6 7.2 47.2

66 57.3 14.9 54.9#

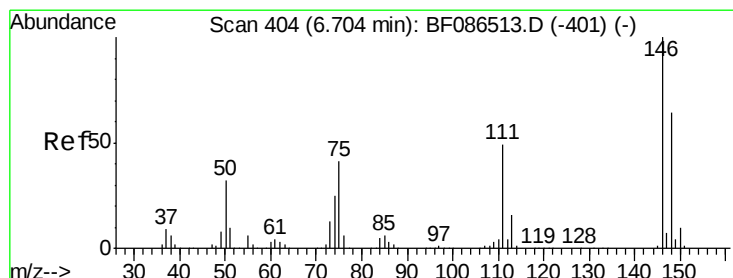
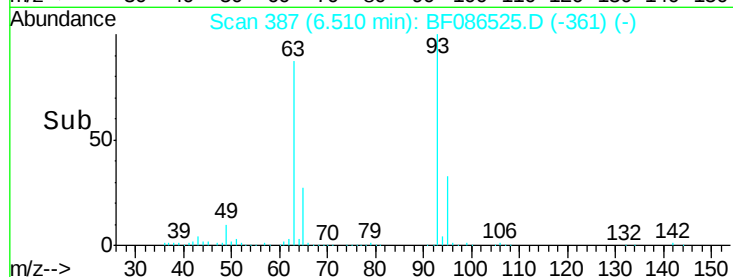
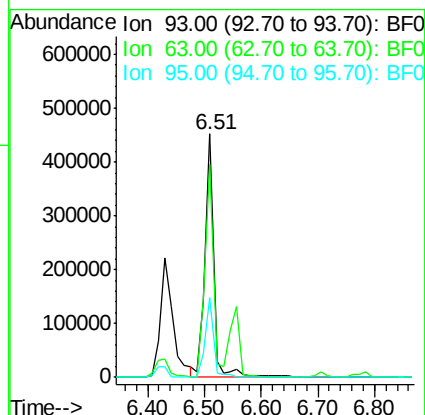
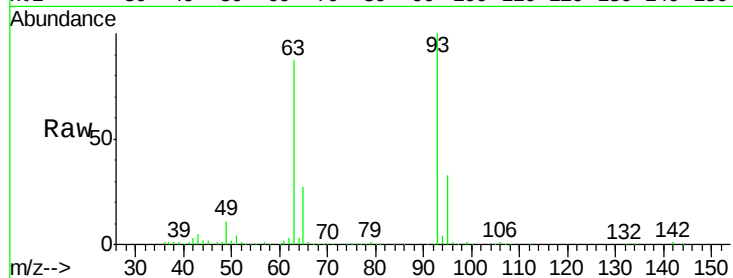




#11
 bis(2-Chloroethyl)ether
 Concen: 40.62 ng
 RT: 6.51 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

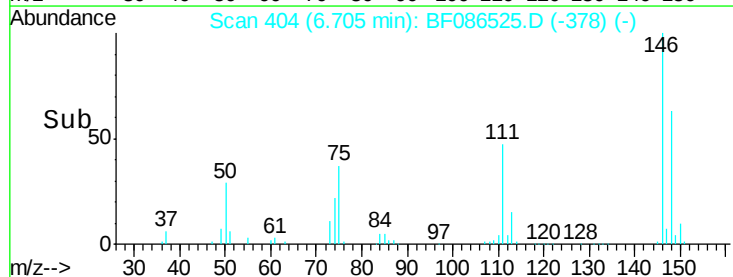
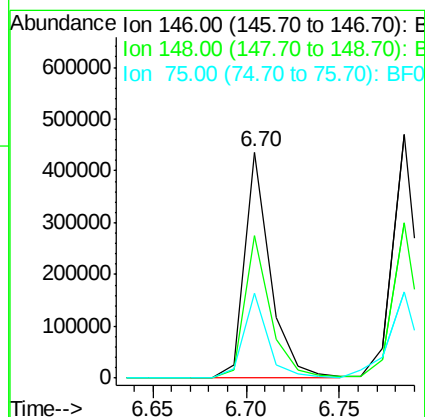
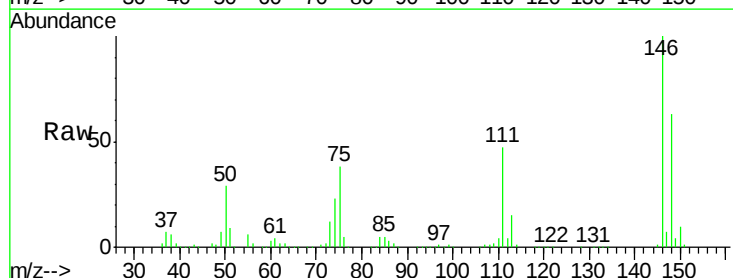
Instrument :
 BNA_F
 ClientSampleId :

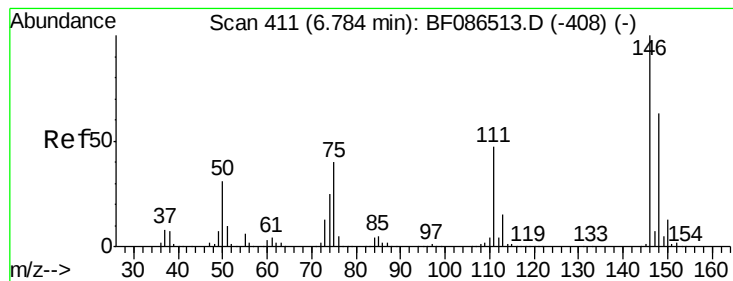
Tot Ion: 93 Resp: 470368
 Ion Ratio Lower Upper
 93 100
 63 87.4 58.0 98.0
 95 33.0 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 36.42 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion: 146 Resp: 419704
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.4 78.6
 75 37.5 22.8 34.2#





#13

1,4-Dichlorobenzene

Concen: 37.61 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampled :

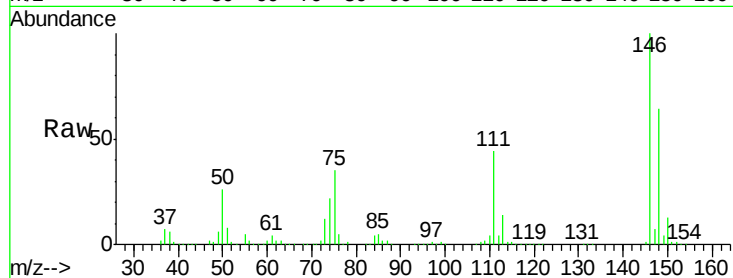
Tot Ion:146 Resp: 447231

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.4

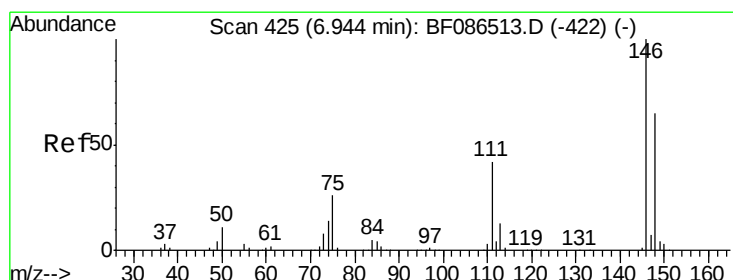
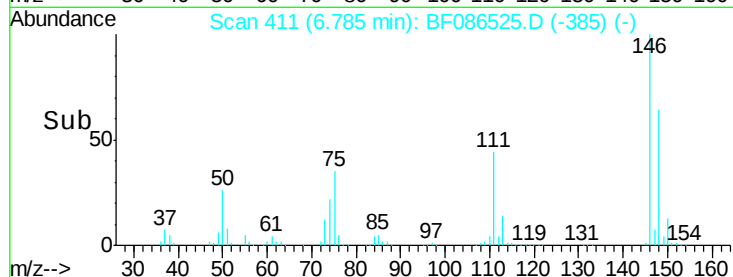
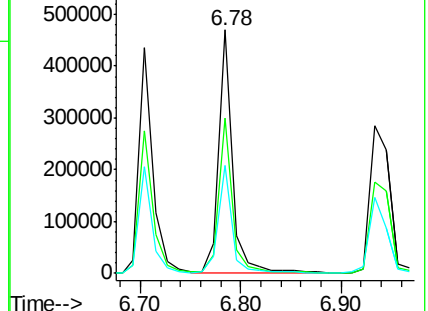
111 44.5 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.35 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

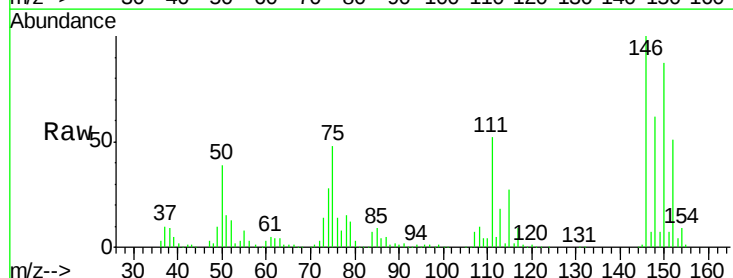
Tgt Ion:146 Resp: 396340

Ion Ratio Lower Upper

146 100

148 62.3 51.0 76.6

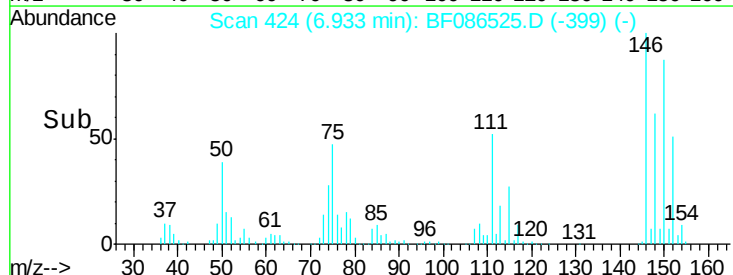
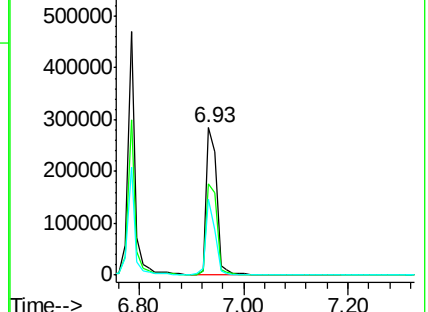
111 52.0 36.2 54.4

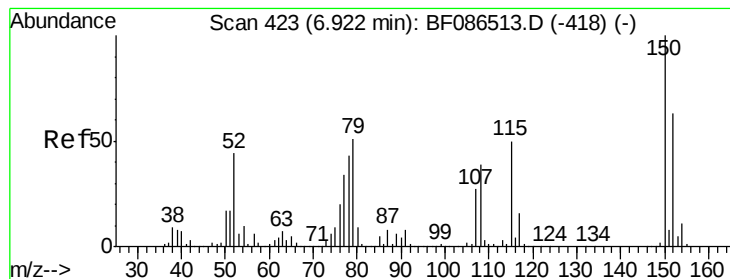


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.35 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampled :

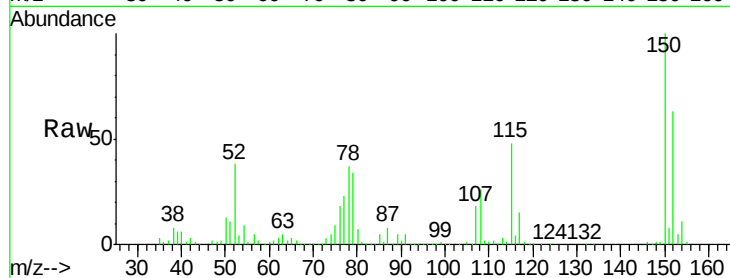
Tot Ion: 79 Resp: 352032

Ion Ratio Lower Upper

79 100

108 77.7 68.4 102.6

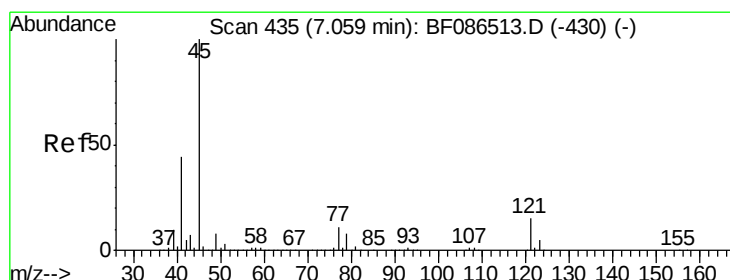
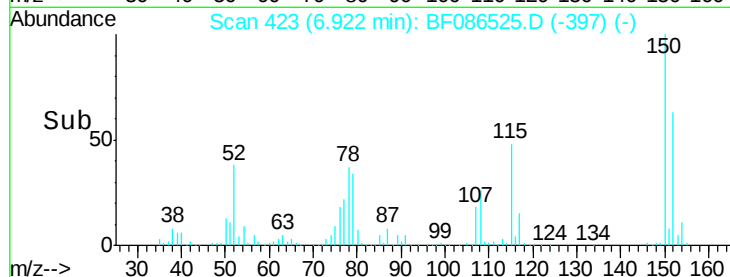
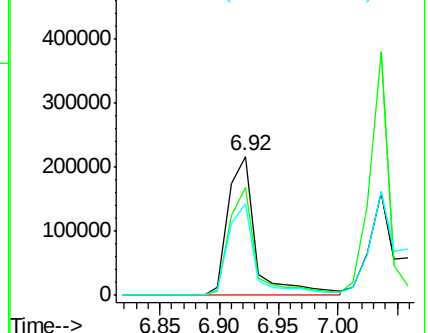
77 66.2 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.08 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

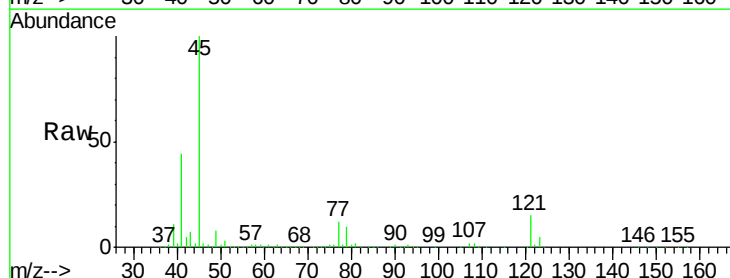
Tgt Ion: 45 Resp: 882571

Ion Ratio Lower Upper

45 100

77 11.8 0.0 36.4

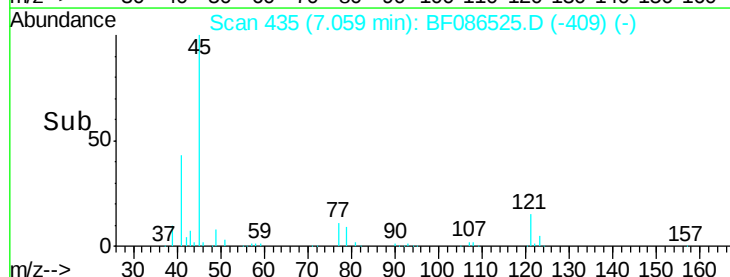
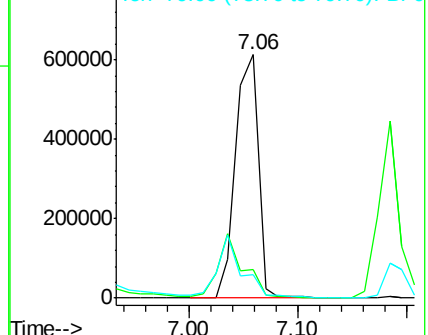
79 9.6 0.0 33.4

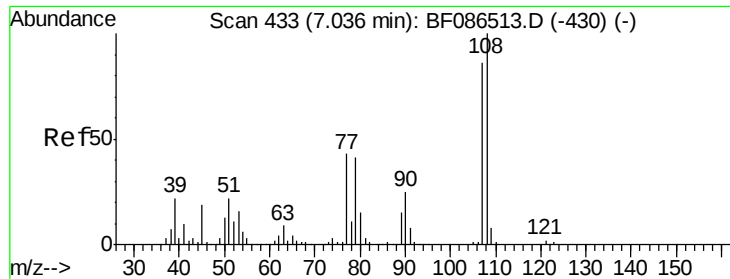


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

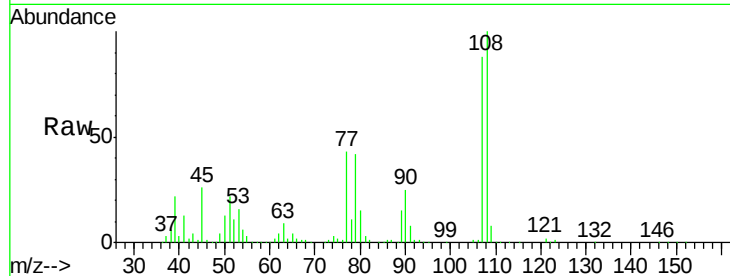




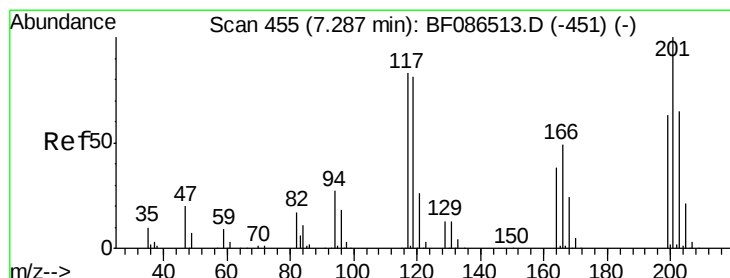
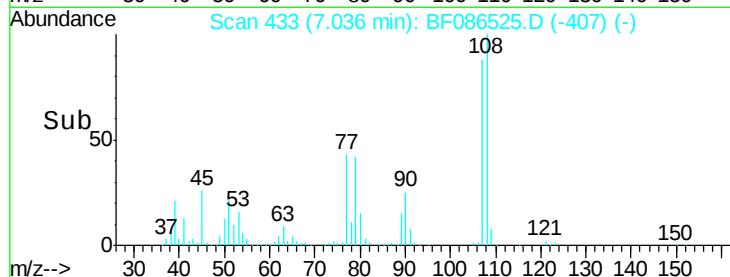
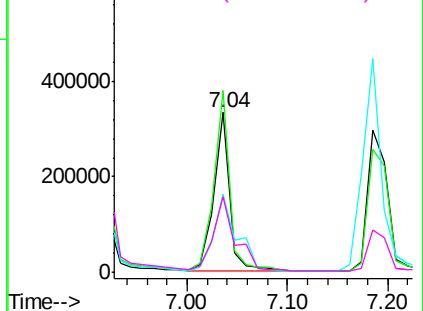
#17
2-Methylphenol
Concen: 42.82 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	93.7	140.5
77	48.7	33.4	50.0
79	47.6	34.3	51.5

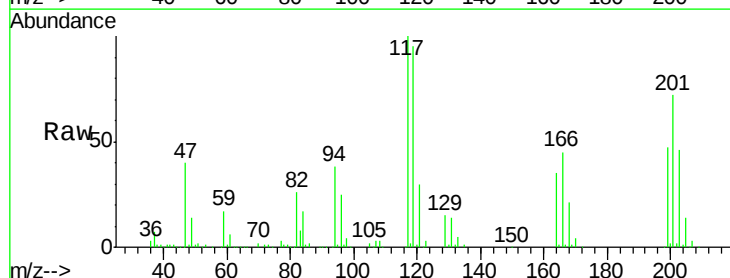


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

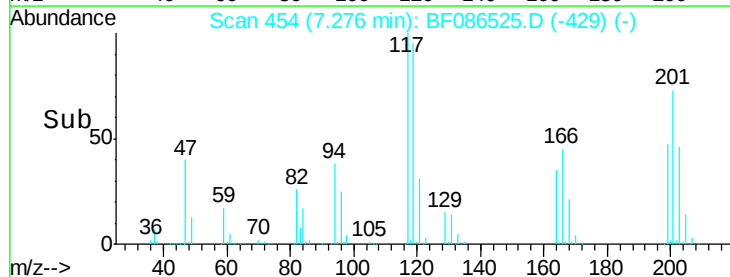
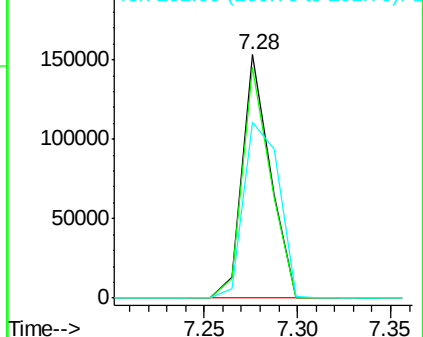


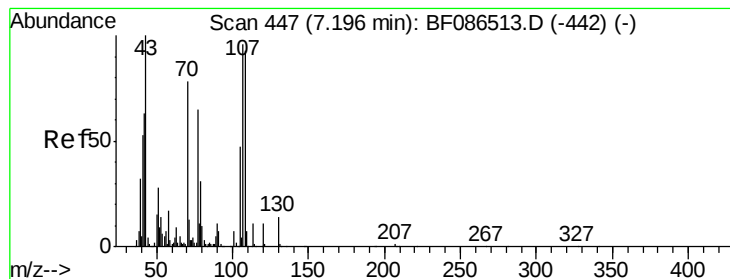
#18
Hexachloroethane
Concen: 35.79 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.5	114.7
201	72.4	63.0	94.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.28 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 327550

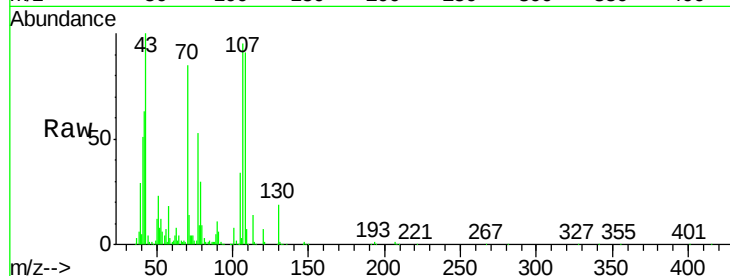
Ion Ratio Lower Upper

70 100

42 73.4 43.1 64.7#

101 9.9 8.1 12.1

130 22.0 18.6 28.0

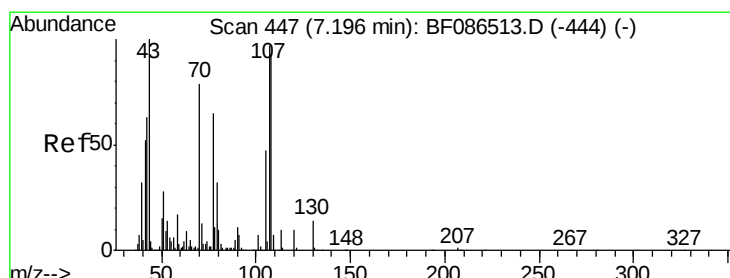
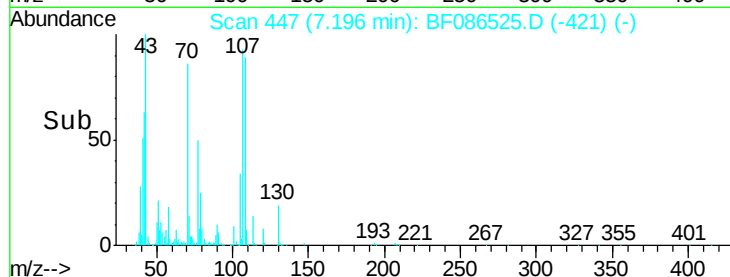
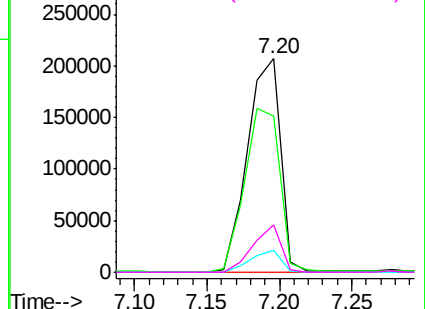


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 42.67 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Tgt Ion:107 Resp: 421934

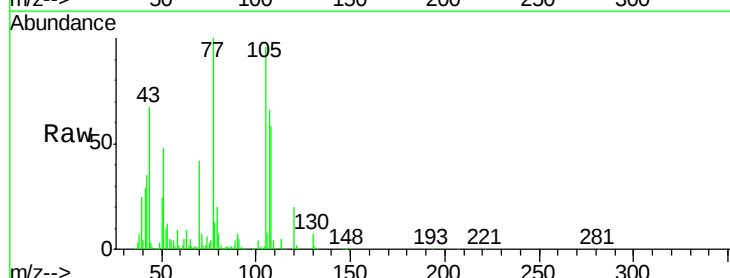
Ion Ratio Lower Upper

107 100

108 86.9 68.5 108.5

77 150.7 101.6 141.6#

79 29.8 7.4 47.4

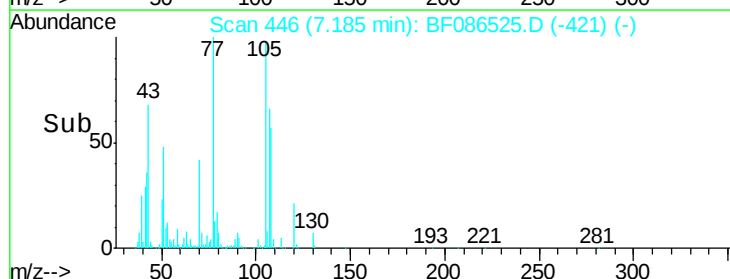
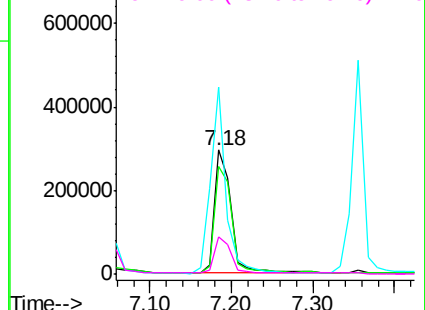


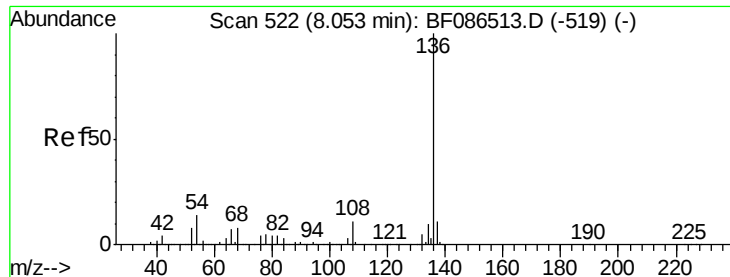
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 631906

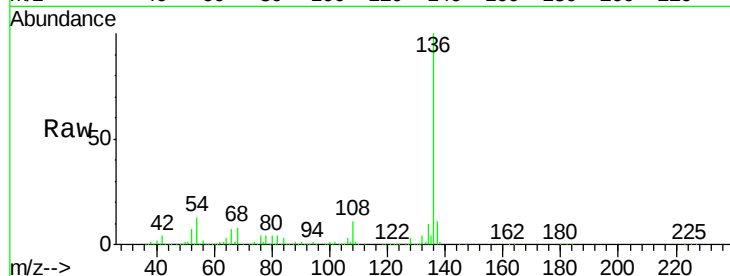
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 12.6 5.0 7.4#

68 7.6 4.4 6.6#

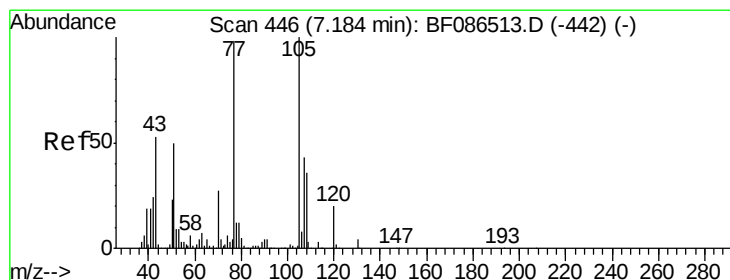
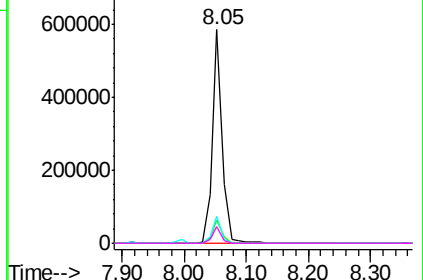
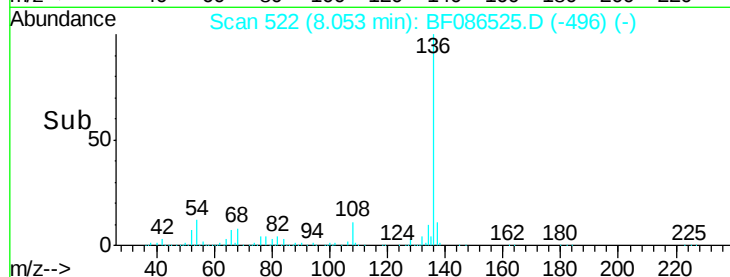


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 41.58 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Tgt Ion:105 Resp: 576132

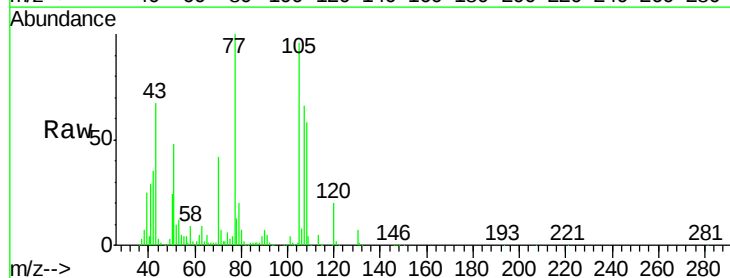
Ion Ratio Lower Upper

105 100

71 7.3 4.8 7.2#

51 50.2 32.6 49.0#

120 20.9 16.5 24.7

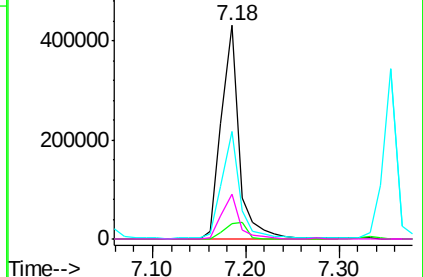
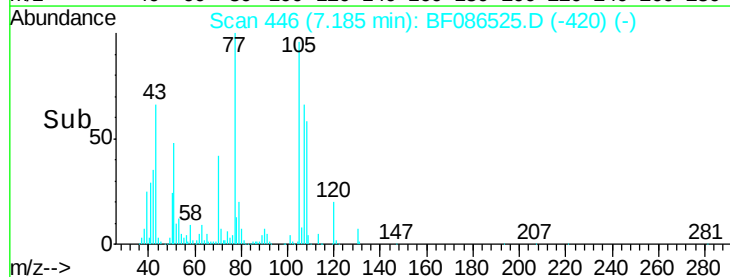


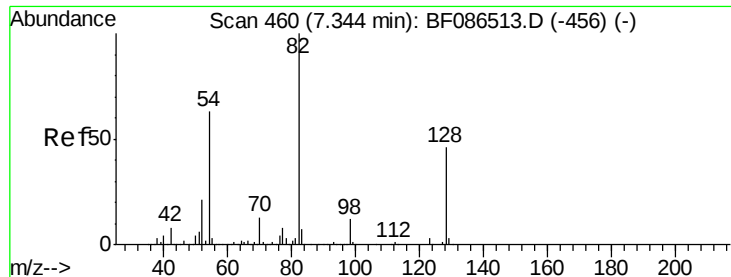
Abundance Ion 105.00 (104.70 to 105.70): E

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

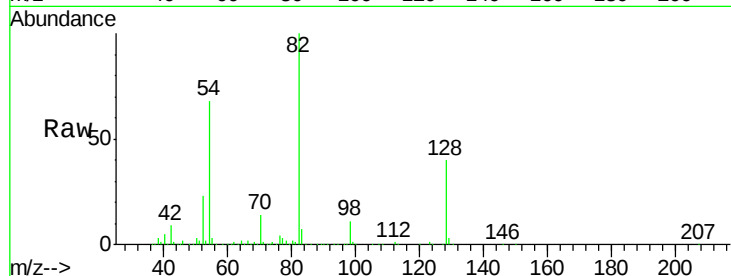




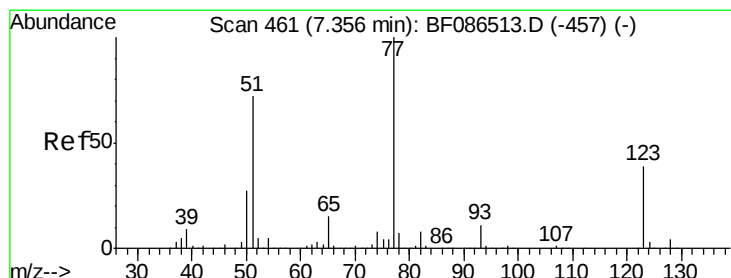
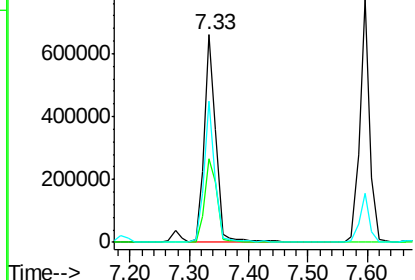
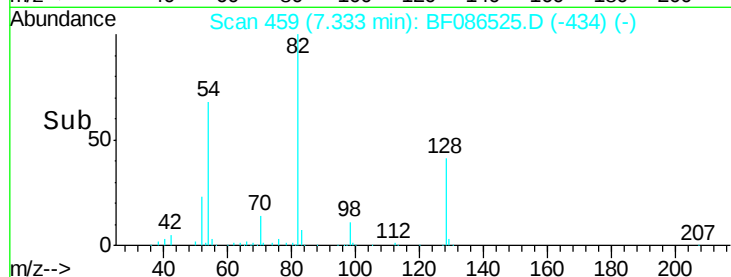
#23
 Nitrobenzene-d5
 Concen: 79.05 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 926775
 Ion Ratio Lower Upper
 82 100
 128 40.5 40.6 61.0#
 54 68.1 38.1 57.1#

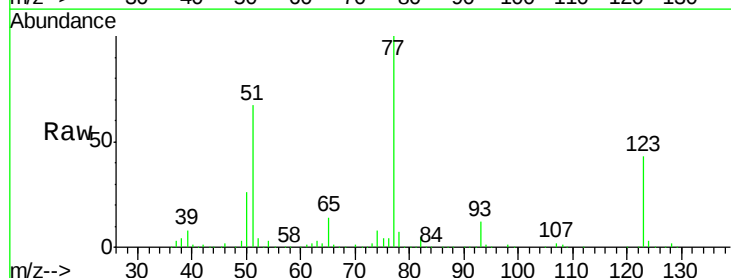


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

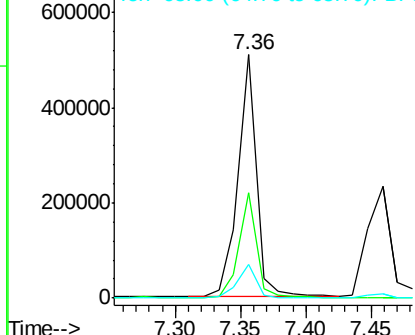
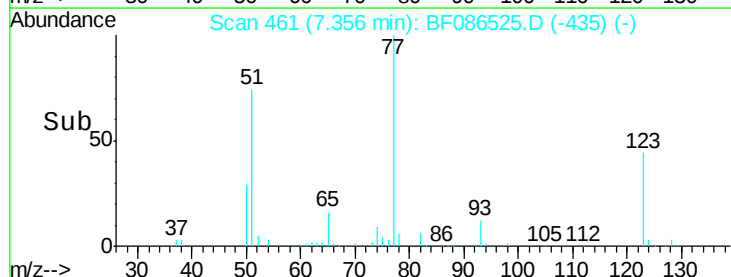


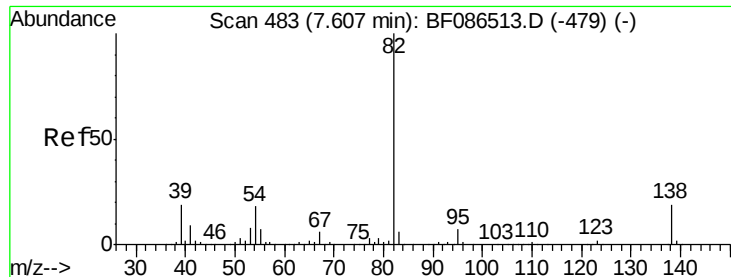
#24
 Nitrobenzene
 Concen: 41.27 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion: 77 Resp: 497650
 Ion Ratio Lower Upper
 77 100
 123 43.4 33.0 49.4
 65 14.1 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: 38.87 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

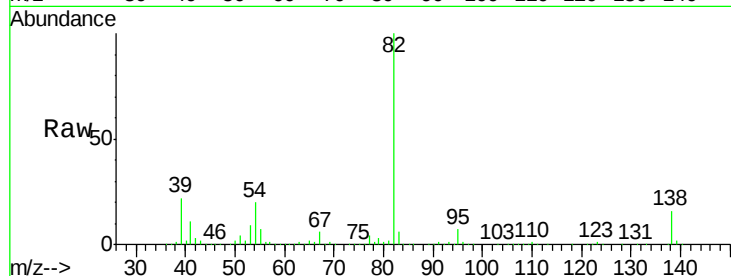
Tot Ion: 82 Resp: 877067

Ion Ratio Lower Upper

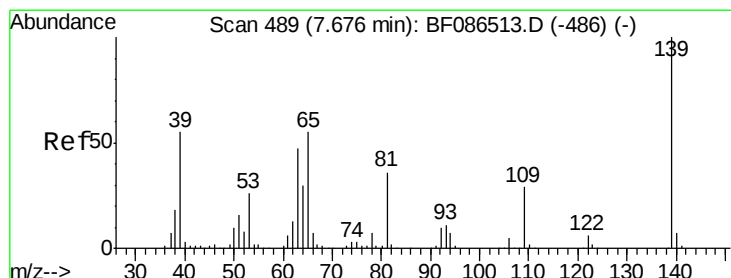
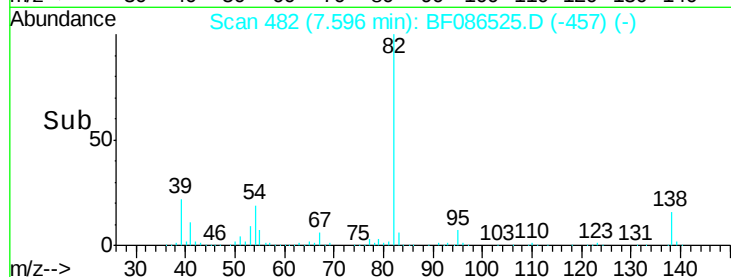
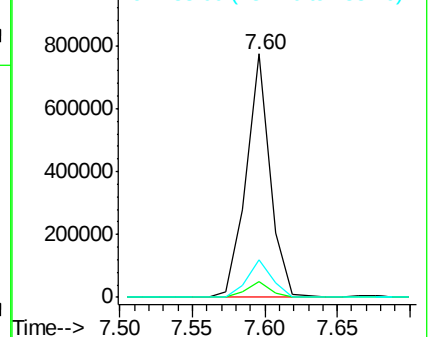
82 100

95 6.7 5.1 7.7

138 15.7 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: 41.93 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

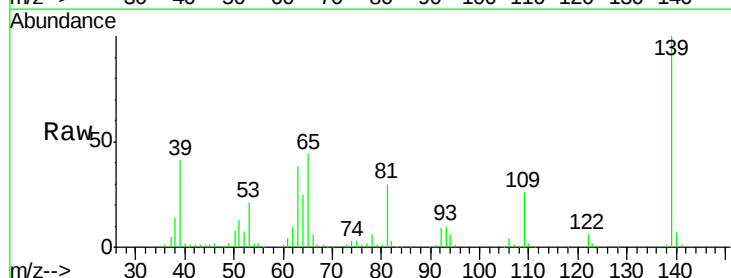
Tgt Ion: 139 Resp: 232833

Ion Ratio Lower Upper

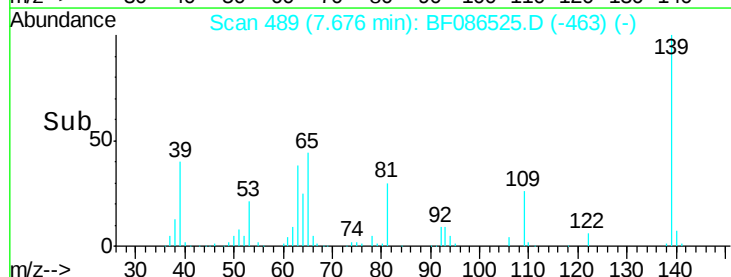
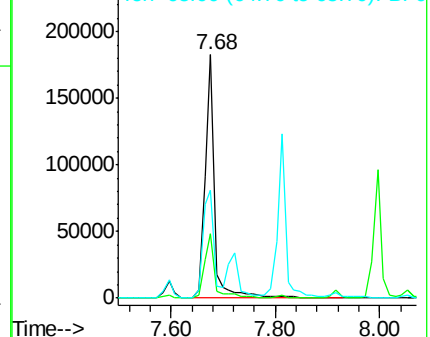
139 100

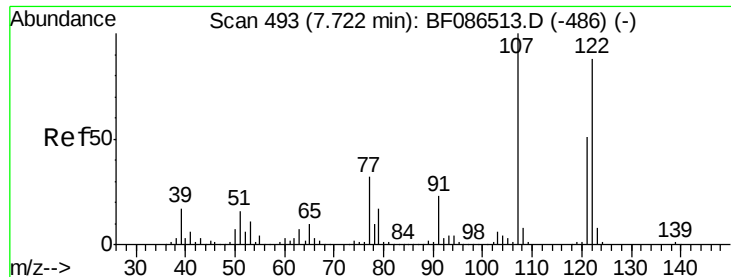
109 26.3 19.5 29.3

65 44.4 37.5 56.3



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





#27

2,4-Dimethylphenol

Concen: 43.07 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampled :

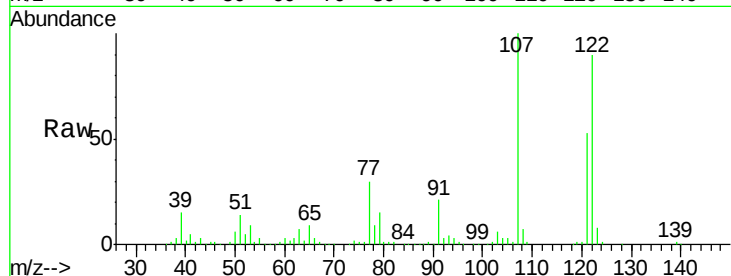
Tot Ion:122 Resp: 419654

Ion Ratio Lower Upper

122 100

107 110.6 82.0 123.0

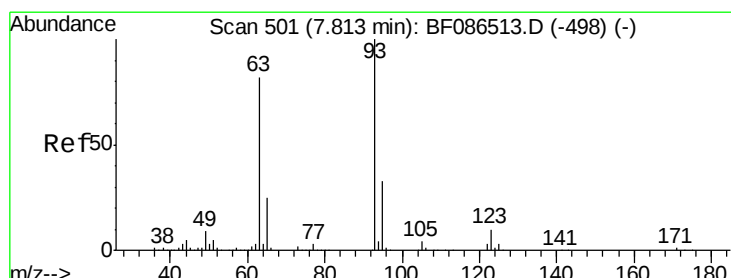
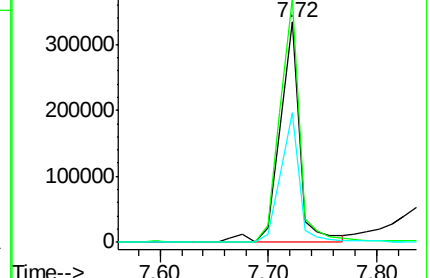
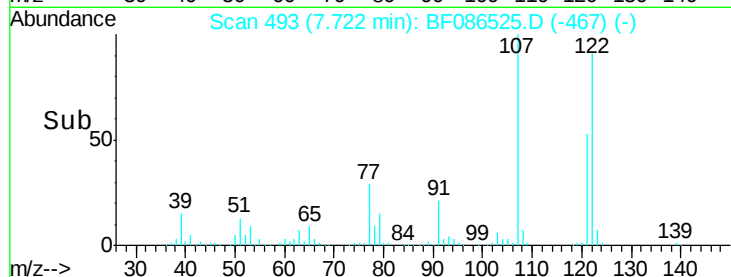
121 58.7 46.1 69.1



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: 44.58 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

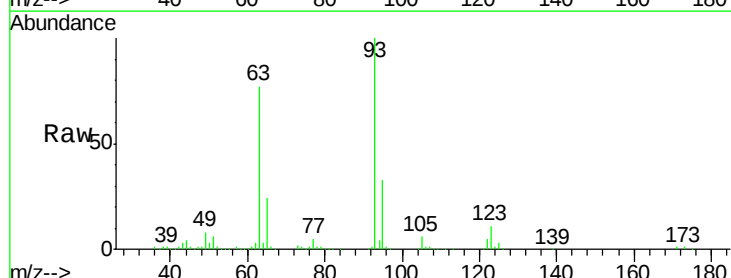
Tgt Ion: 93 Resp: 548010

Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

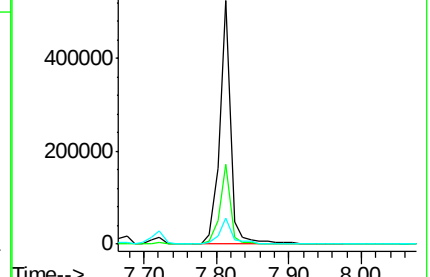
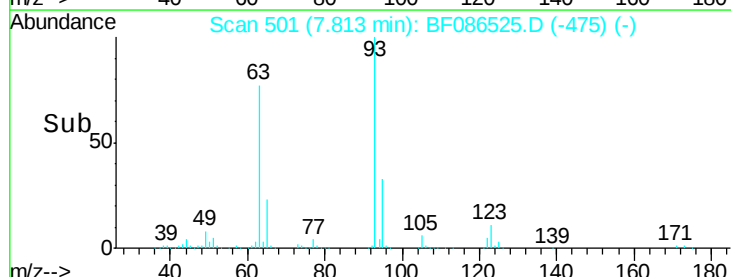
123 10.7 9.5 14.3

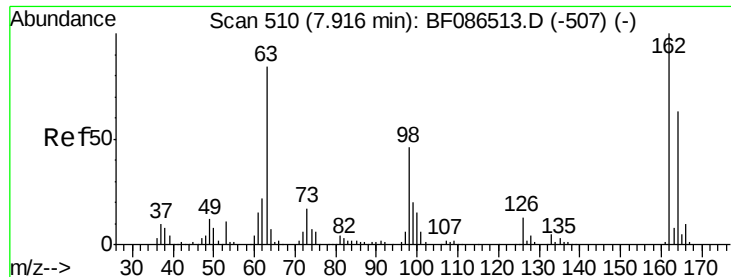


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

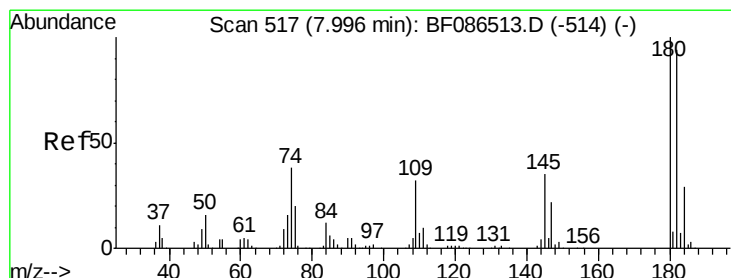
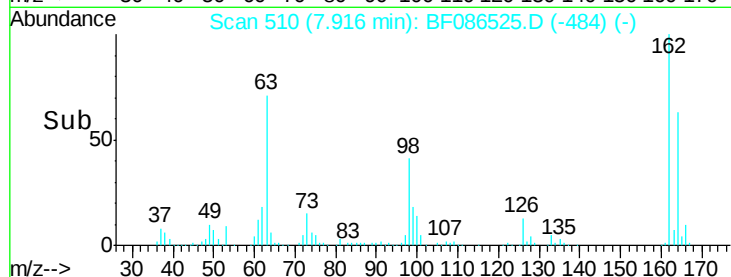
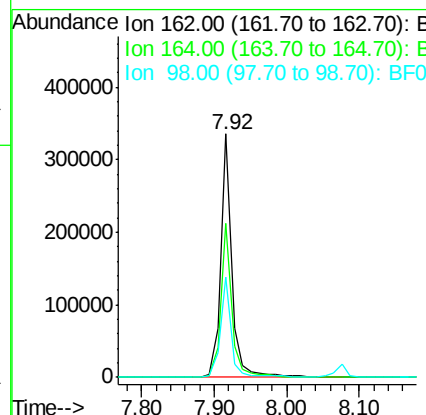
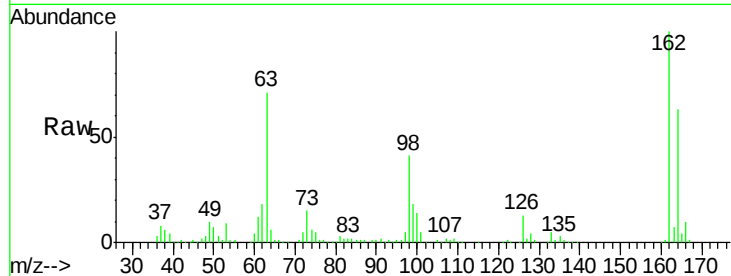




#29
 2,4-Dichlorophenol
 Concen: 43.78 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

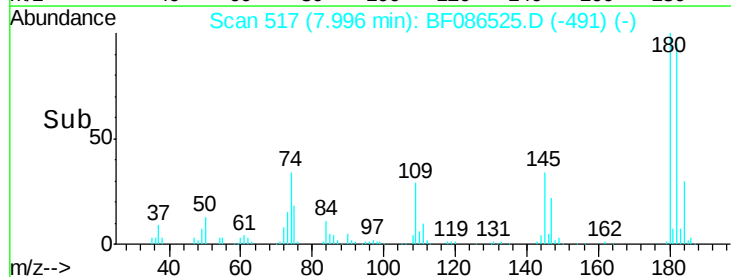
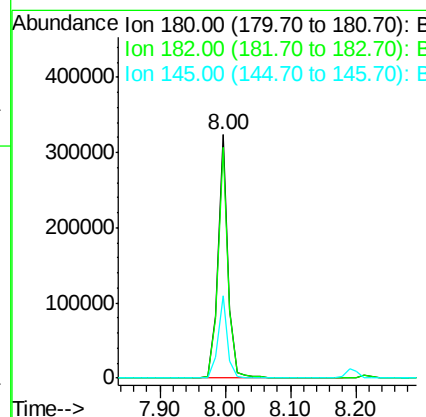
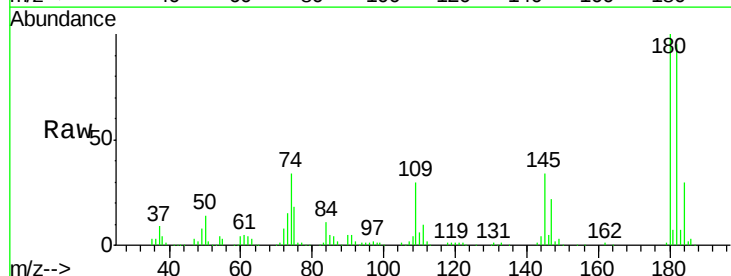
Instrument :
 BNA_F
 ClientSampleId :

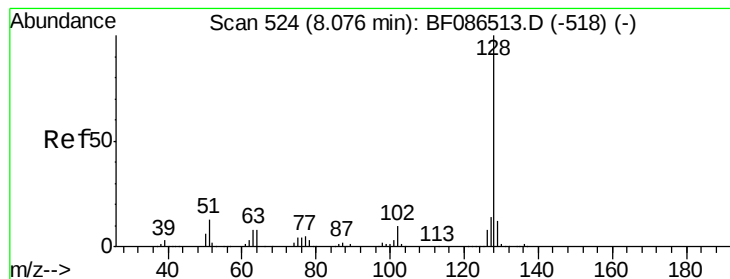
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.2	82.2
98	41.3	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 37.46 ng
 RT: 8.00 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	78.0	117.0
145	33.8	24.2	36.2





#31

Naphthalene

Concen: 38.45 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

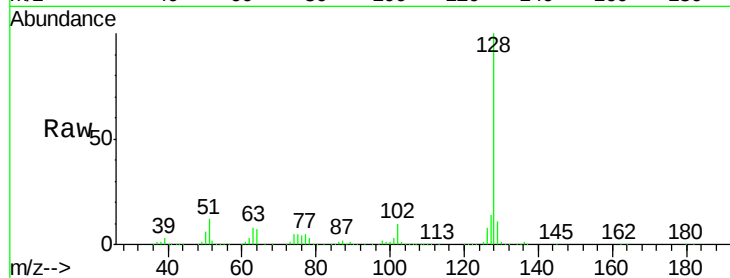
Tot Ion:128 Resp: 1236197

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

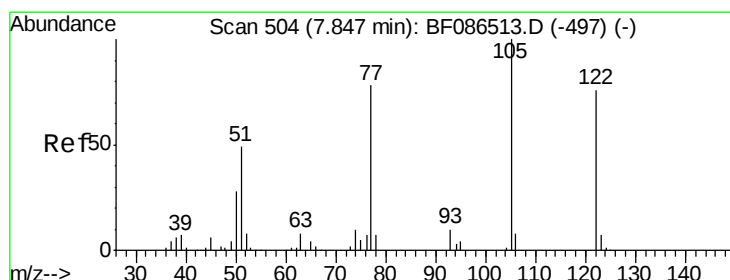
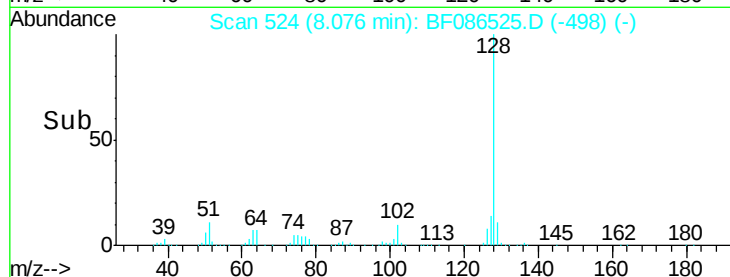
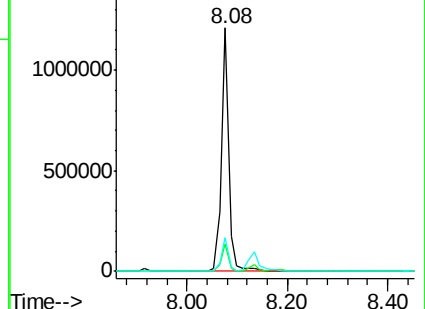
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.46 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

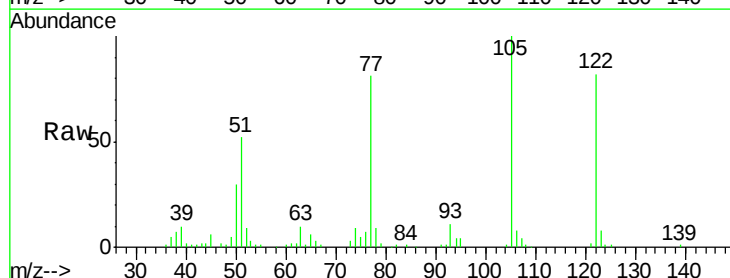
Tgt Ion:122 Resp: 185414

Ion Ratio Lower Upper

122 100

105 122.3 92.6 132.6

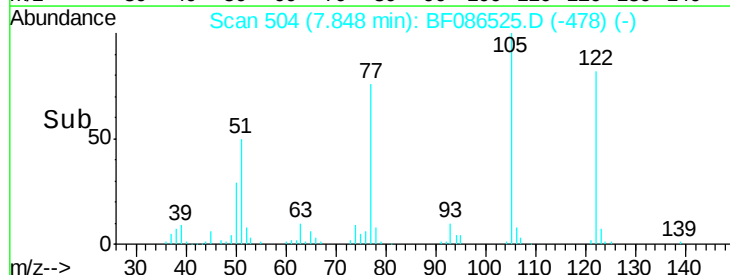
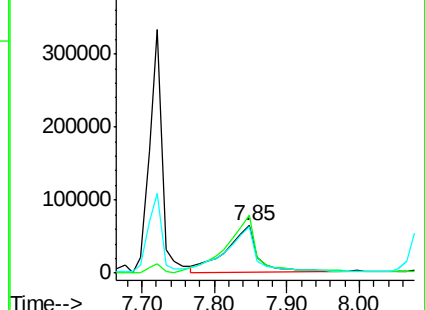
77 98.8 60.0 100.0

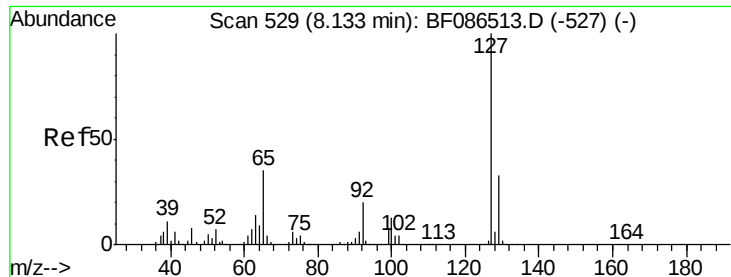


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

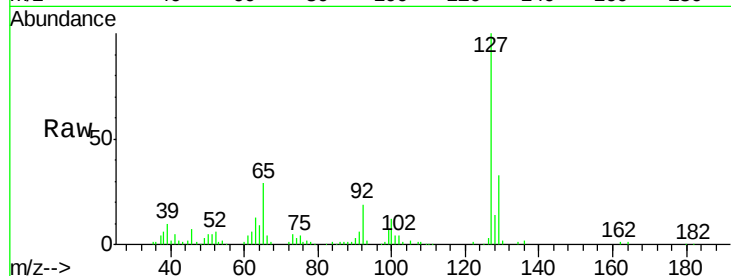




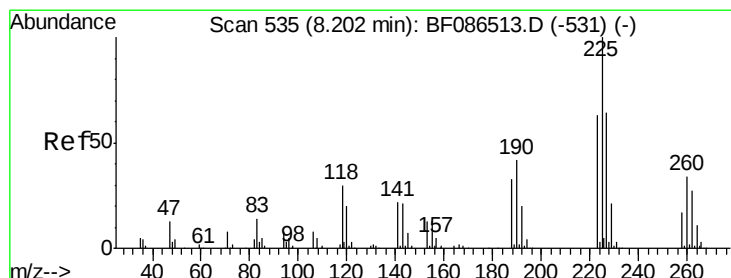
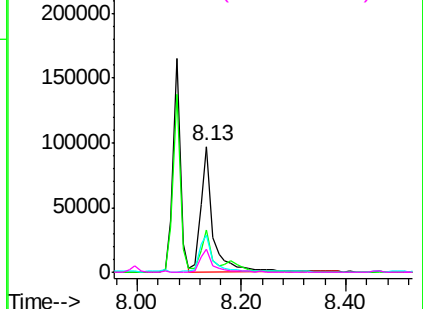
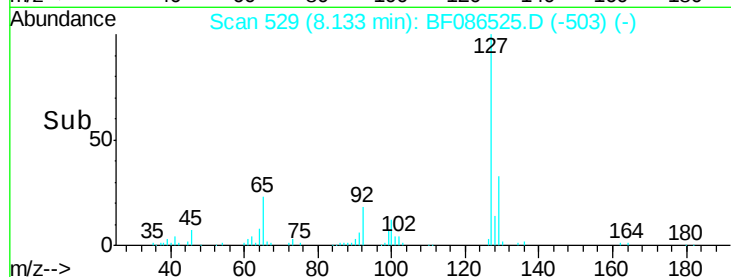
#33
4-Chloroaniline
Concen: 13.25 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	159584
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.2	39.4
65	29.2	23.0	34.4
92	18.7	15.1	22.7

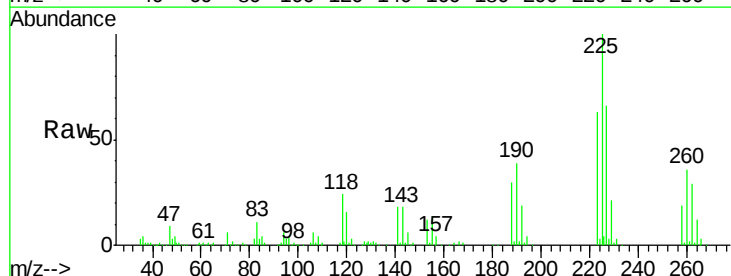


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

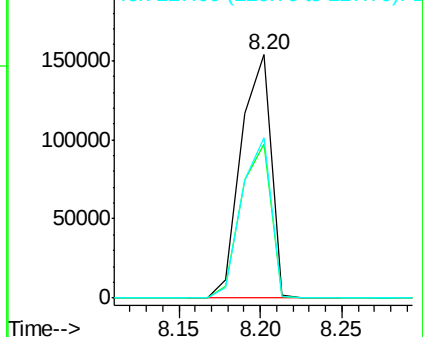
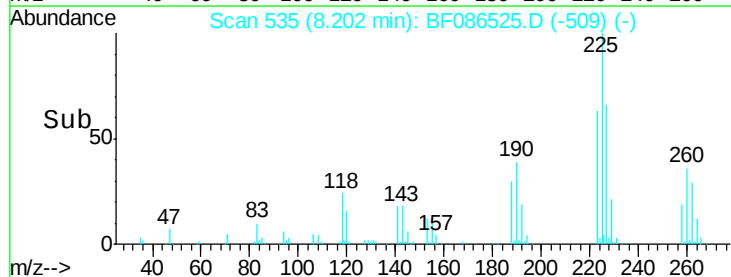


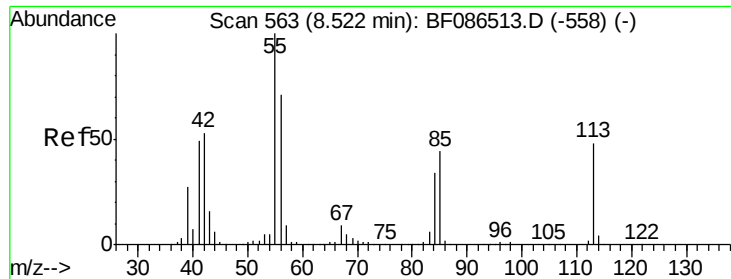
#34
Hexachlorobutadiene
Concen: 36.37 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion:	225	Resp:	194406
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.5	77.3
227	66.0	52.2	78.2



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





#35

Caprolactam

Concen: 29.84 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

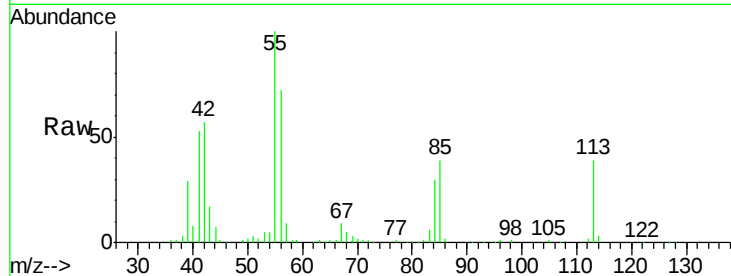
Tot Ion:113 Resp: 81824

Ion Ratio Lower Upper

113 100

55 254.2 162.0 202.0#

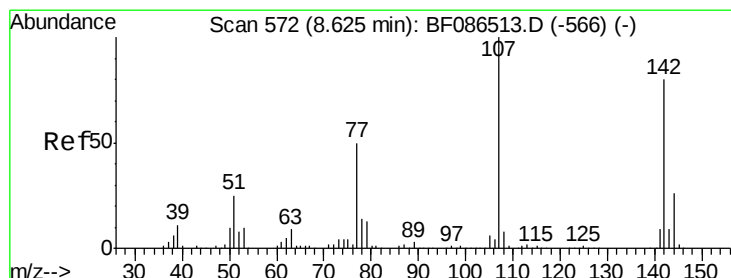
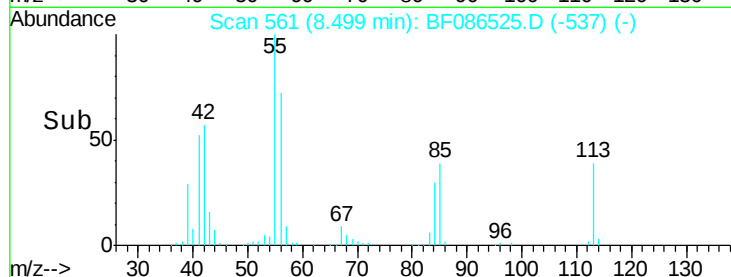
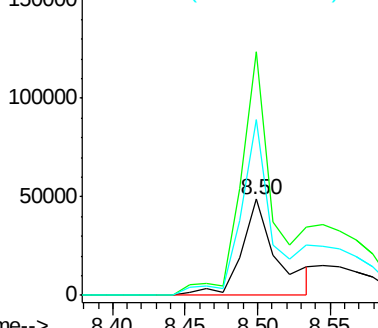
56 183.1 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.36 ng

RT: 8.62 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

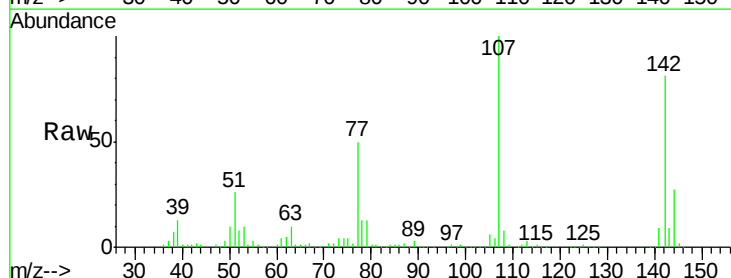
Tgt Ion:107 Resp: 417452

Ion Ratio Lower Upper

107 100

144 26.7 20.7 31.1

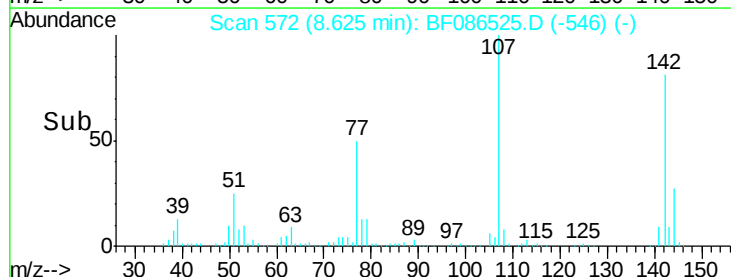
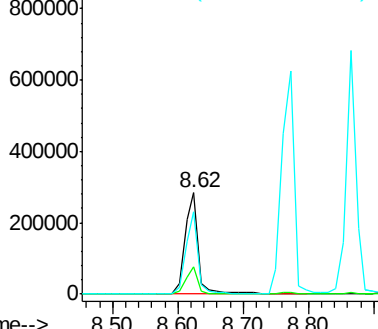
142 80.8 63.2 94.8

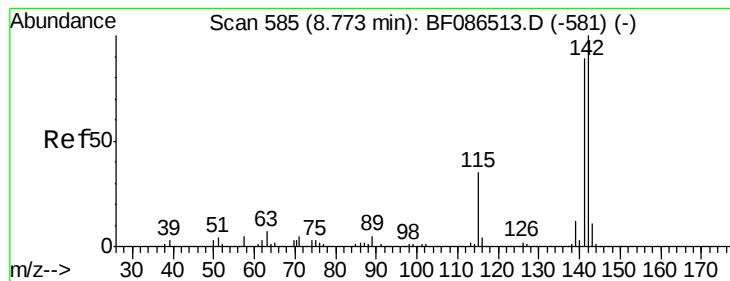


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.17 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

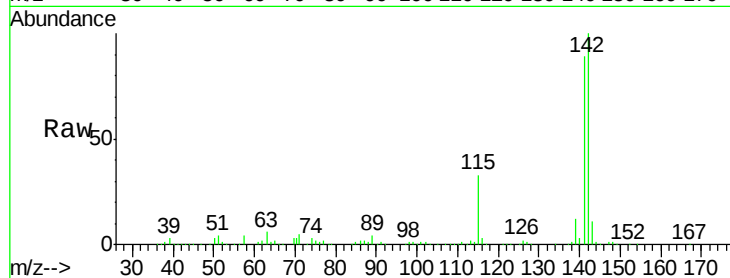
Tot Ion:142 Resp: 819138

Ion Ratio Lower Upper

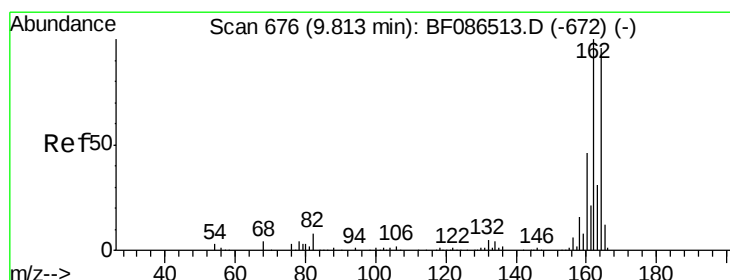
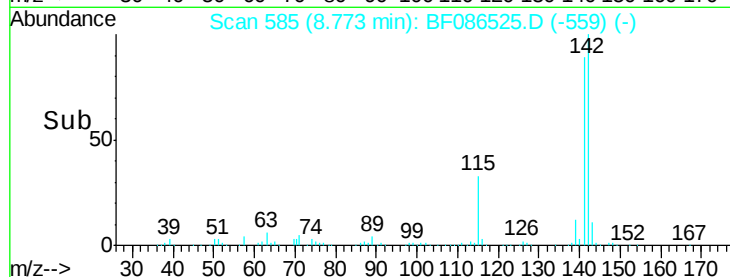
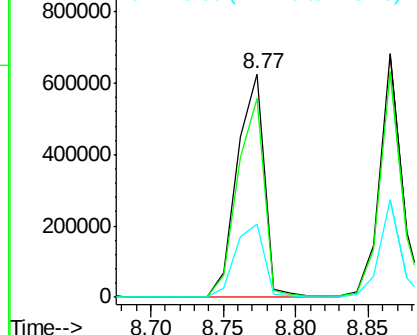
142 100

141 89.0 71.0 106.6

115 32.7 26.6 39.8



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

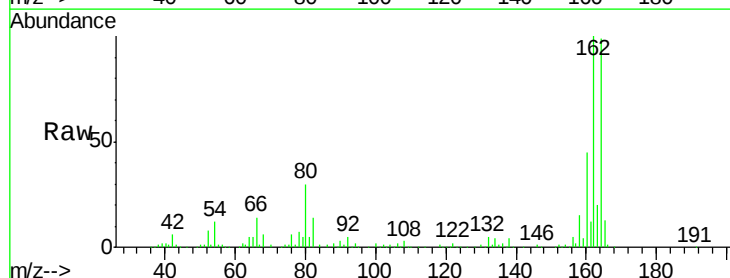
Tgt Ion:164 Resp: 305154

Ion Ratio Lower Upper

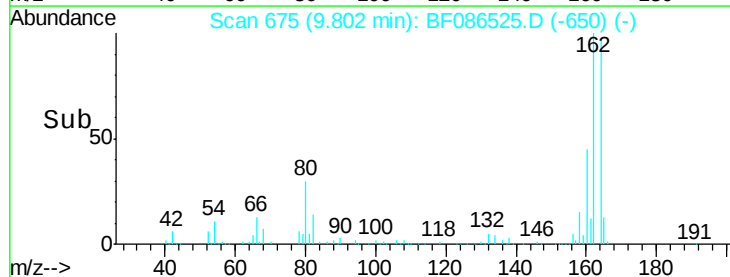
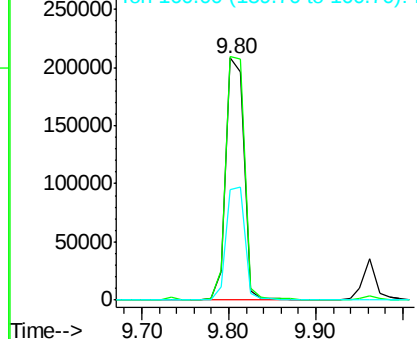
164 100

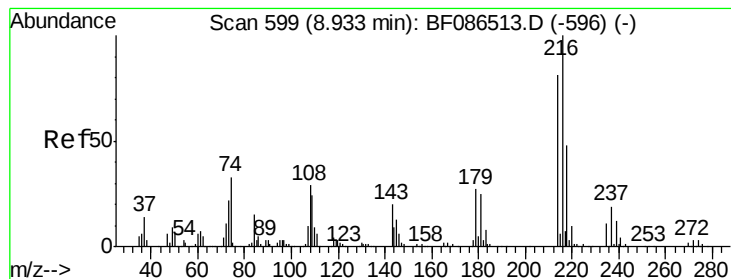
162 100.7 82.8 124.2

160 45.5 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.24 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 307806

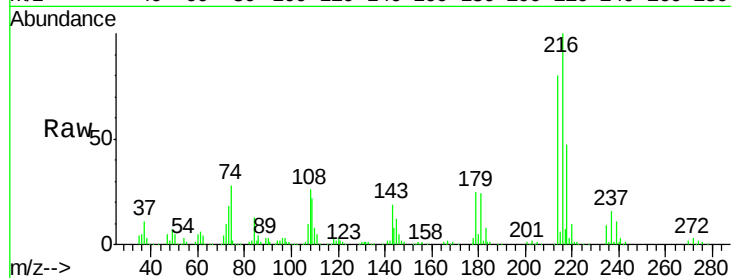
Ion Ratio Lower Upper

216 100

214 79.3 62.6 93.8

179 23.7 18.2 27.4

108 27.0 17.5 26.3#

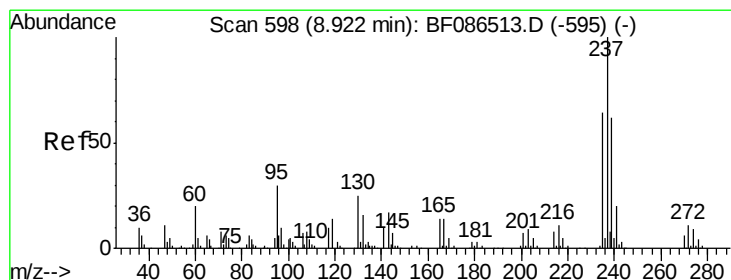
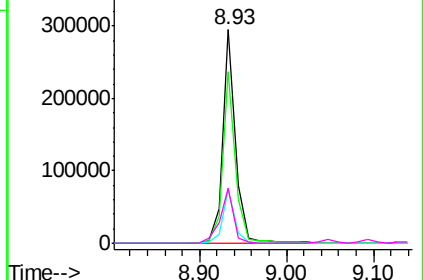
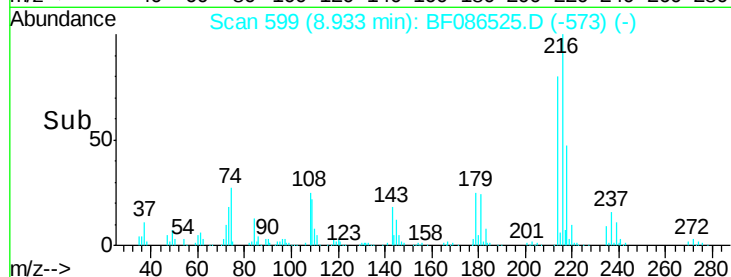


Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.90 ng

RT: 8.92 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

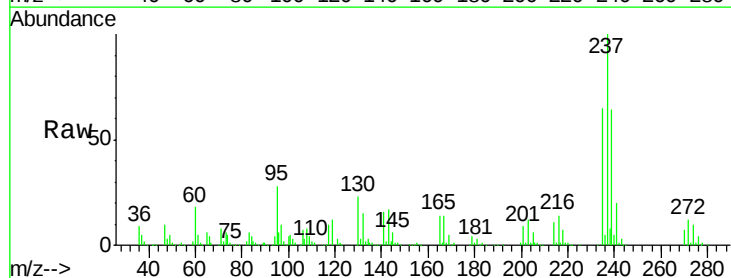
Tgt Ion:237 Resp: 316431

Ion Ratio Lower Upper

237 100

235 64.5 47.2 87.2

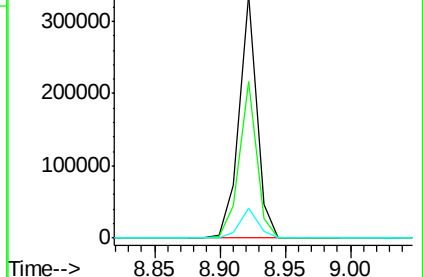
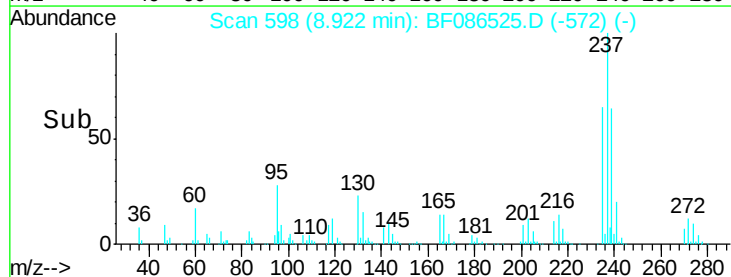
272 12.5 0.0 31.1

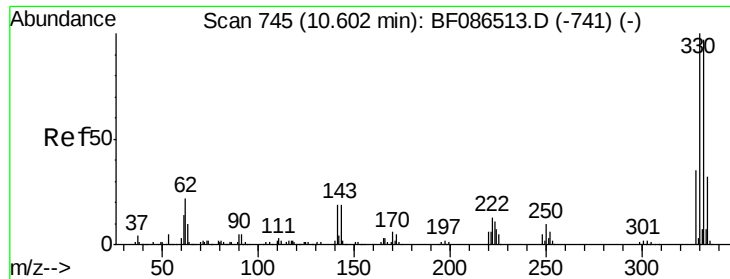


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

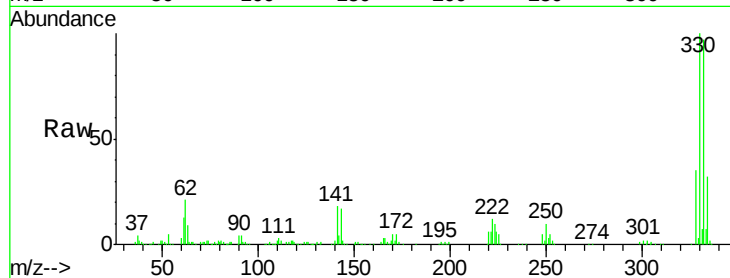




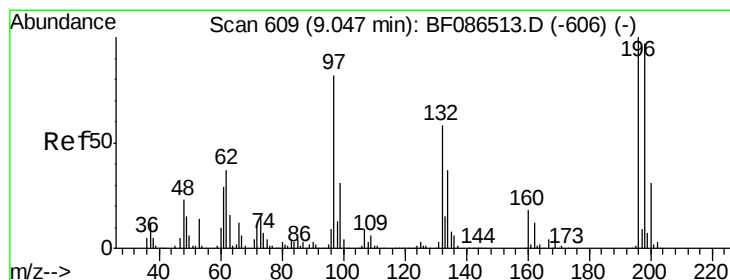
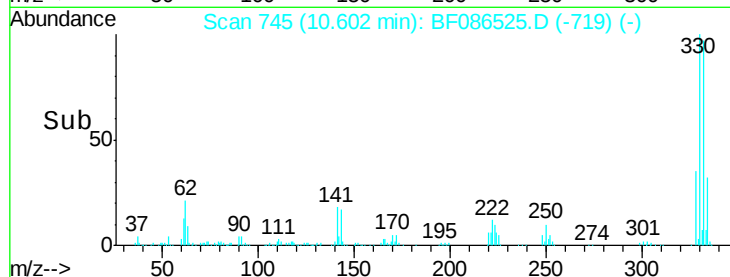
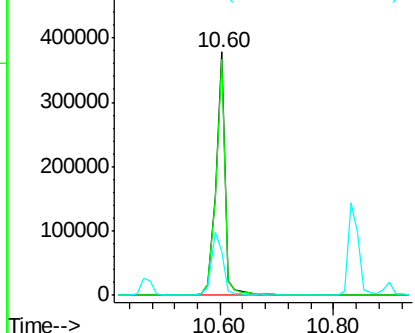
#41
 2,4,6-Tribromophenol
 Concen: 130.43 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 419744
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.0 118.4
 141 31.0 31.2 46.8#

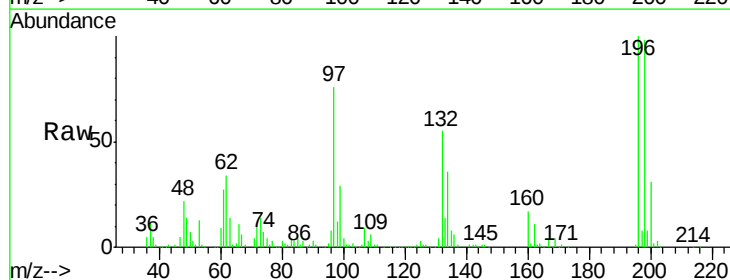


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

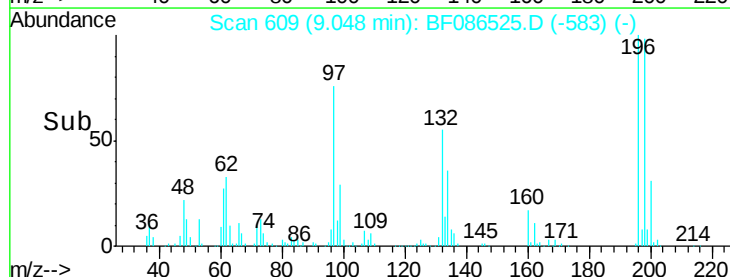
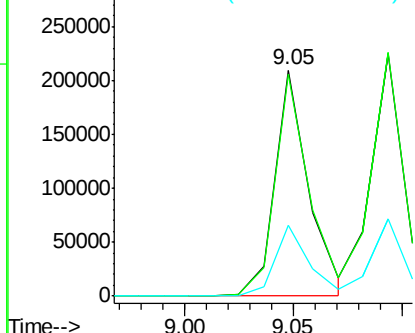


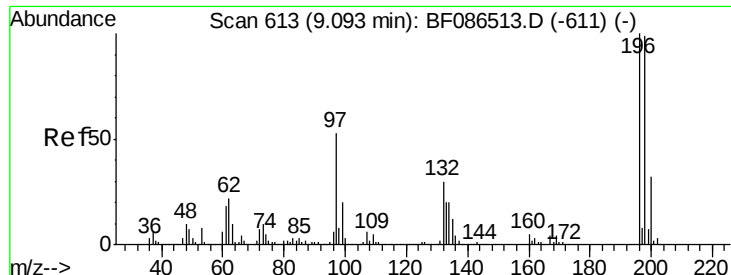
#42
 2,4,6-Trichlorophenol
 Concen: 41.45 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion:196 Resp: 228885
 Ion Ratio Lower Upper
 196 100
 198 98.2 74.7 112.1
 200 31.2 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

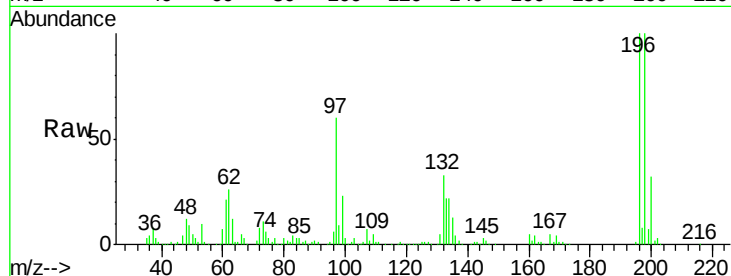




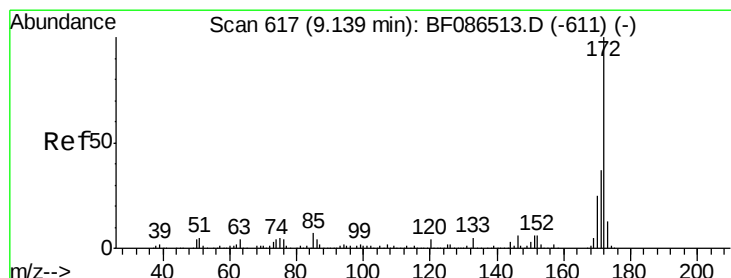
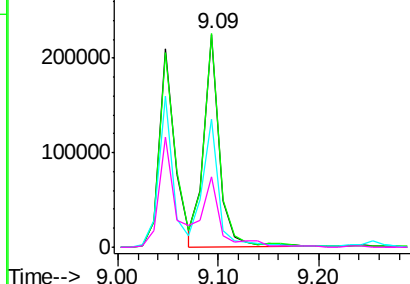
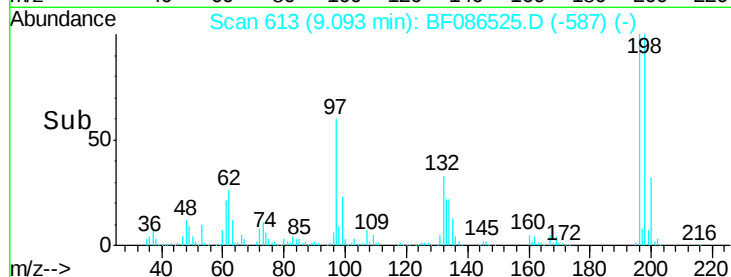
#43
2,4,5-Trichlorophenol
Concen: 40.58 ng
RT: 9.09 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 244189
Ion Ratio Lower Upper
196 100
198 100.4 77.5 116.3
97 60.4 34.8 52.2#
132 33.0 23.0 34.4

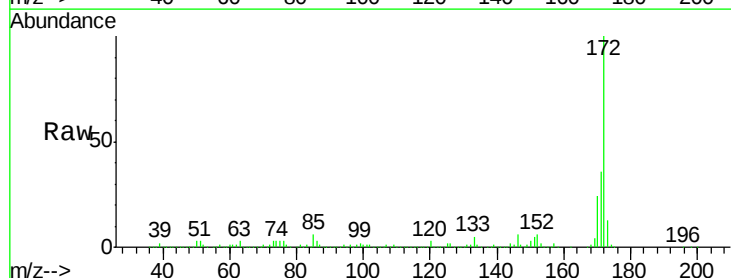


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

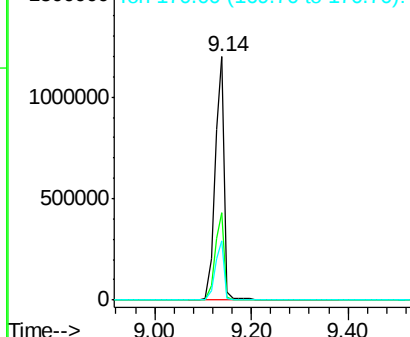
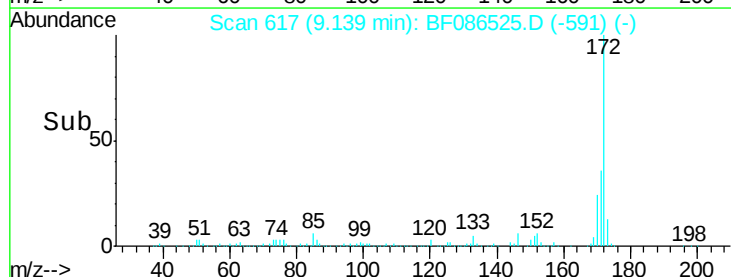


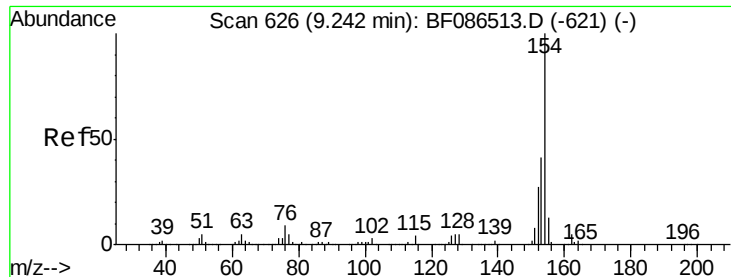
#44
2-Fluorobiphenyl
Concen: 94.36 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion:172 Resp: 1607558
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 24.4 19.8 29.8



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

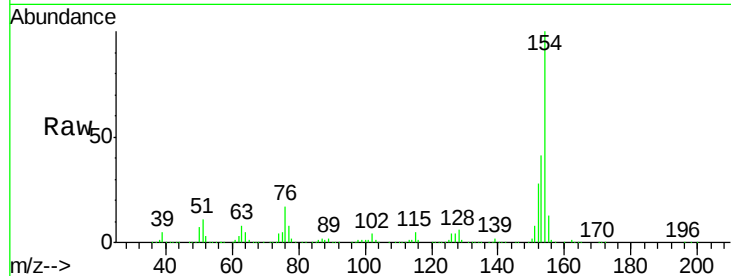




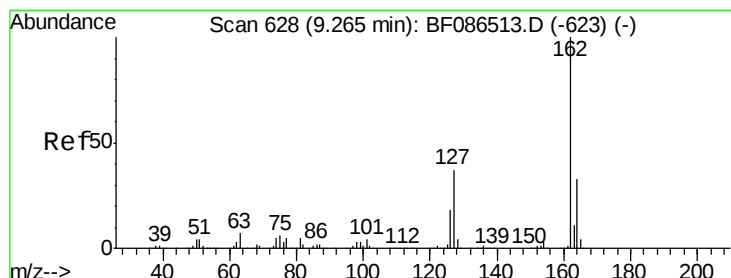
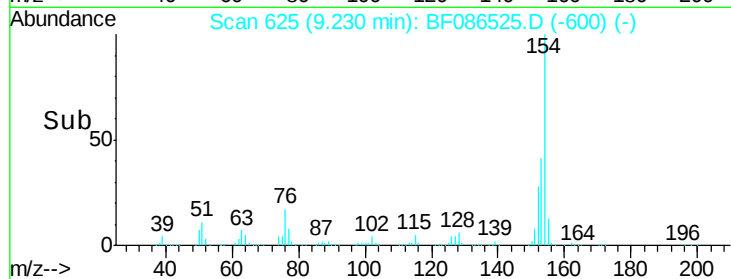
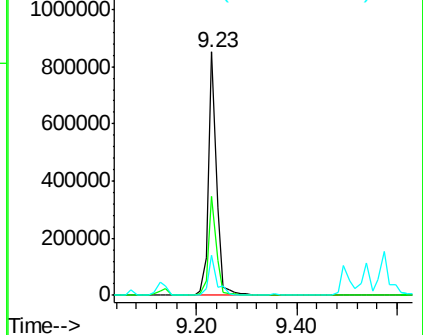
#45
 1,1'-Biphenyl
 Concen: 37.52 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 957080
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.3 60.3
 76 16.6 0.0 30.2

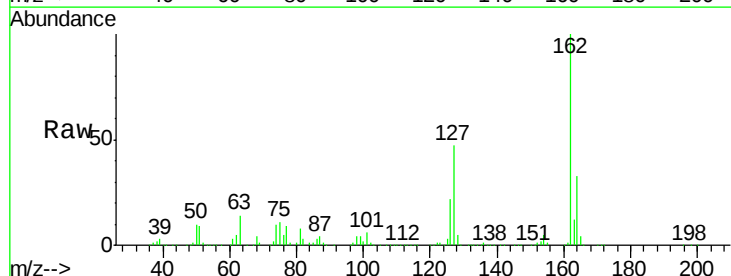


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

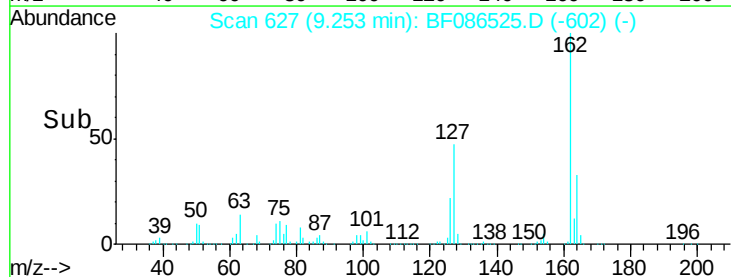
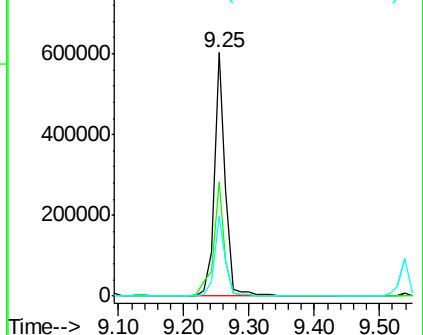


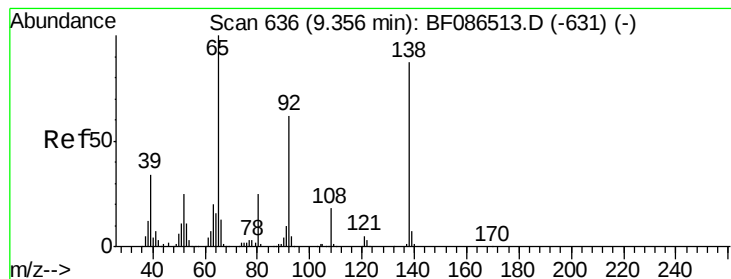
#46
 2-Chloronaphthalene
 Concen: 37.01 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion:162 Resp: 717820
 Ion Ratio Lower Upper
 162 100
 127 47.1 31.8 47.6
 164 32.6 27.0 40.6



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





#47

2-Nitroaniline

Concen: 49.01 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

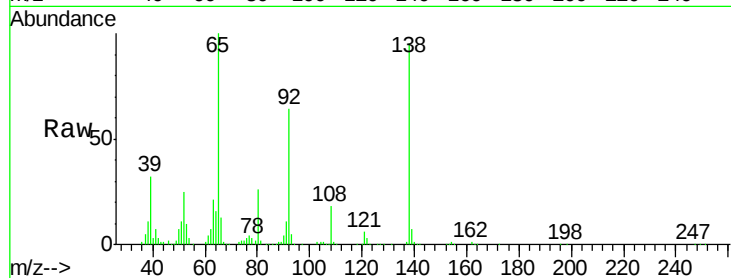
Tot Ion: 65 Resp: 304792

Ion Ratio Lower Upper

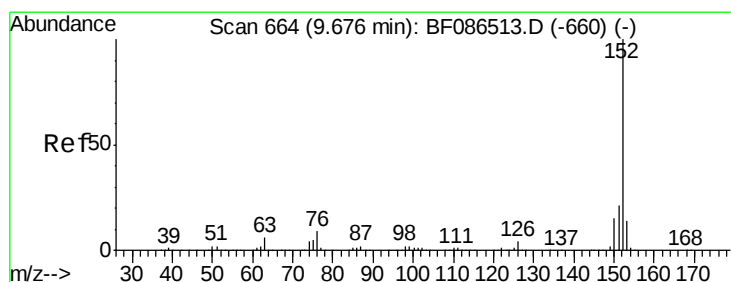
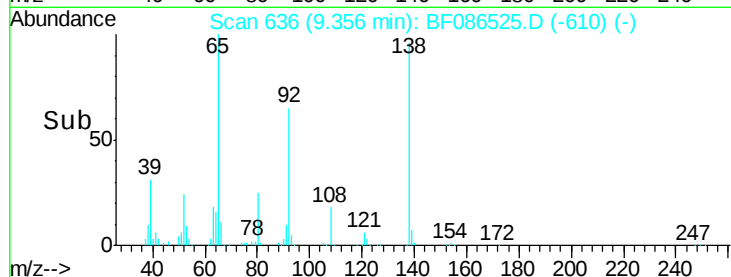
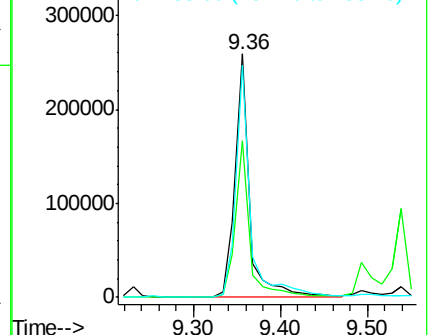
65 100

92 64.2 57.4 86.2

138 95.3 90.1 135.1



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 38.35 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

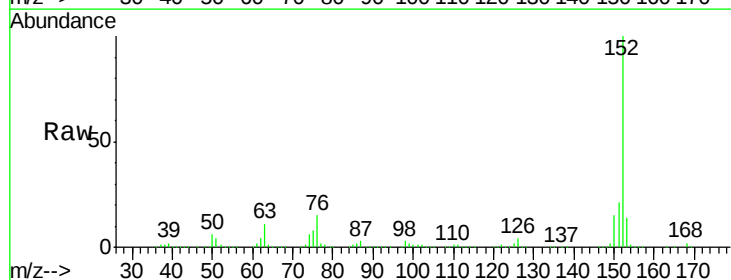
Tgt Ion: 152 Resp: 1162672

Ion Ratio Lower Upper

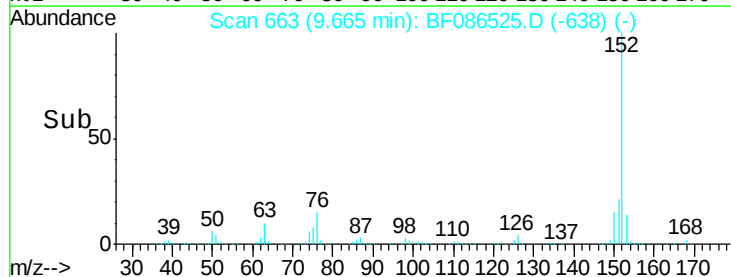
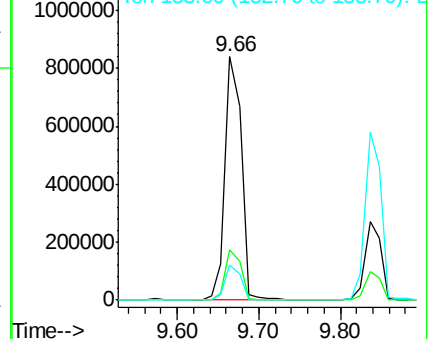
152 100

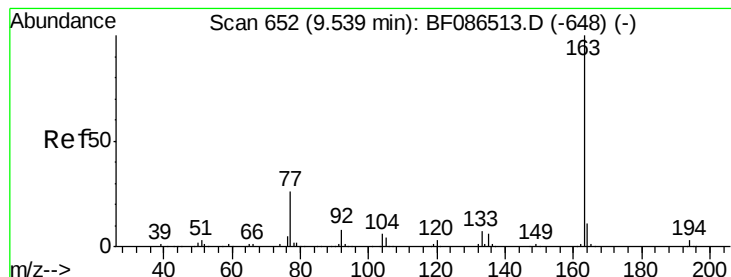
151 20.7 16.8 25.2

153 14.4 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 39.01 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleID :

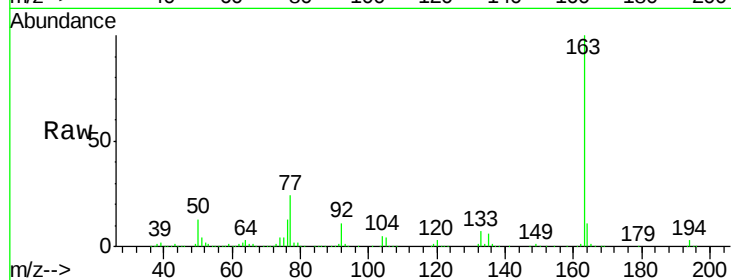
Tot Ion:163 Resp: 896080

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

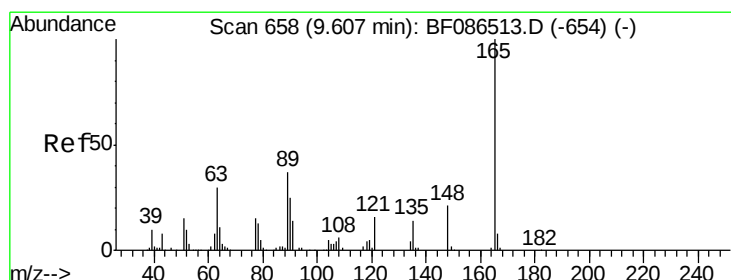
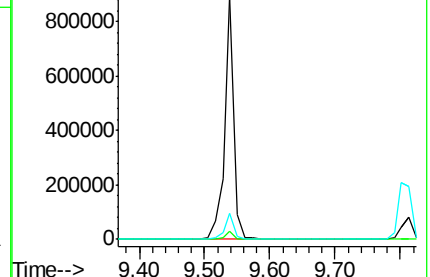
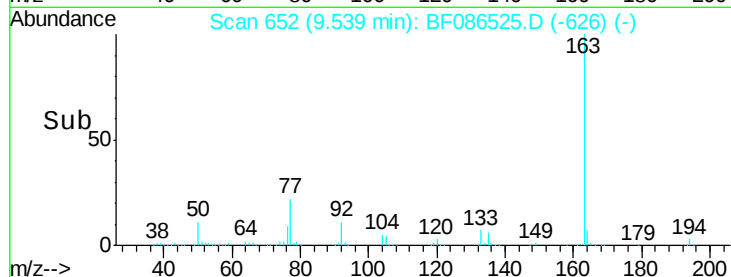
164 10.5 8.2 12.4



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: 40.66 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

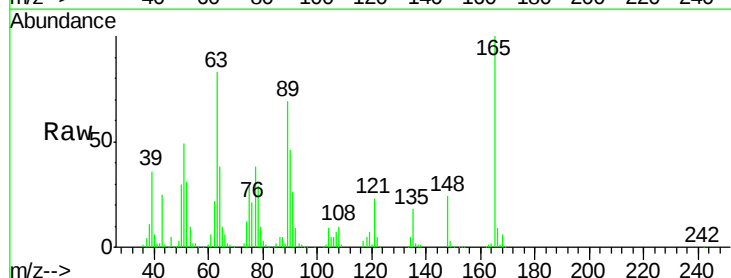
Tgt Ion:165 Resp: 192993

Ion Ratio Lower Upper

165 100

63 82.9 51.8 77.8#

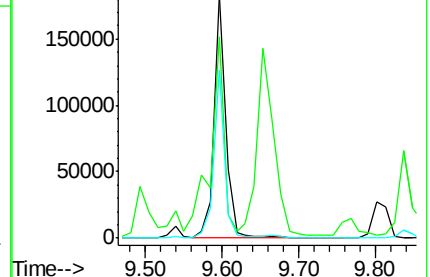
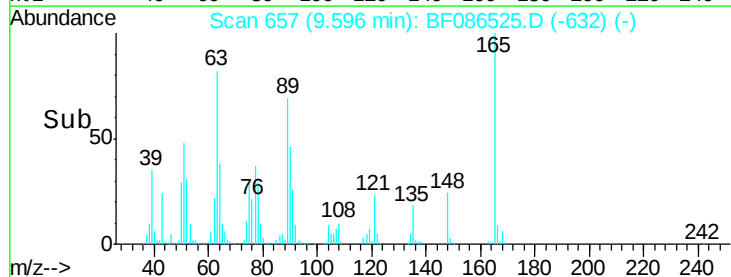
89 69.1 50.7 76.1

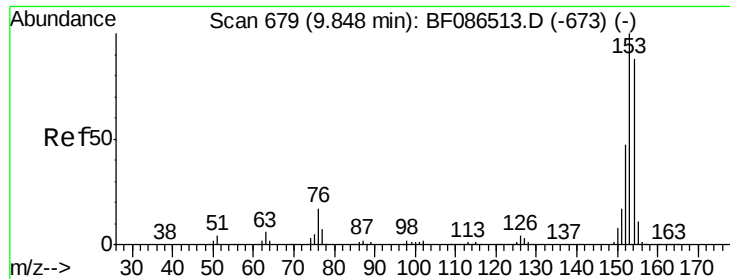


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.71 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampled :

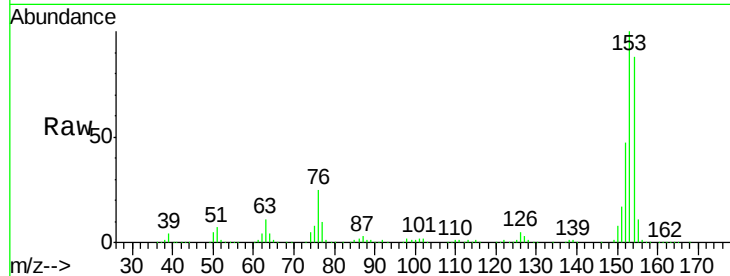
Tot Ion:154 Resp: 831659

Ion Ratio Lower Upper

154 100

153 113.4 89.8 134.6

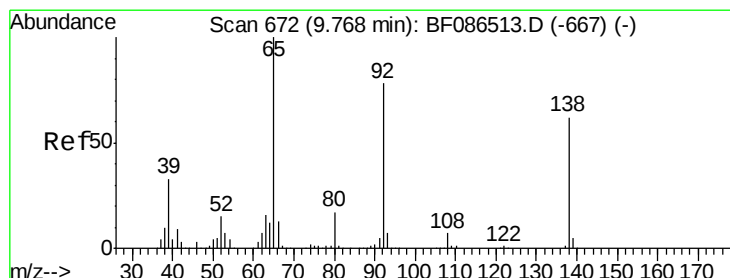
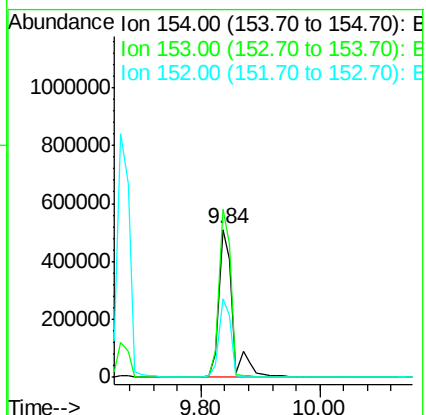
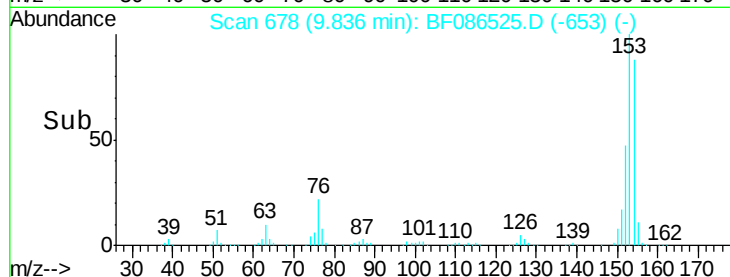
152 53.1 43.4 65.0



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: 20.58 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

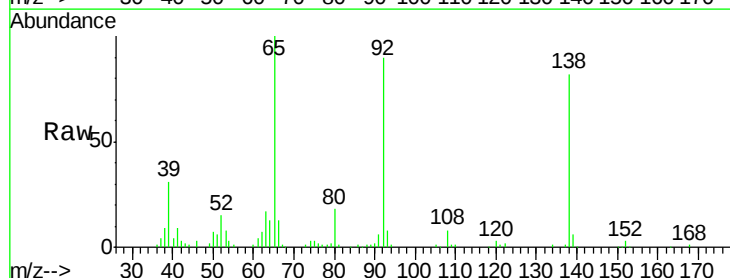
Tgt Ion:138 Resp: 111067

Ion Ratio Lower Upper

138 100

108 9.5 7.8 11.6

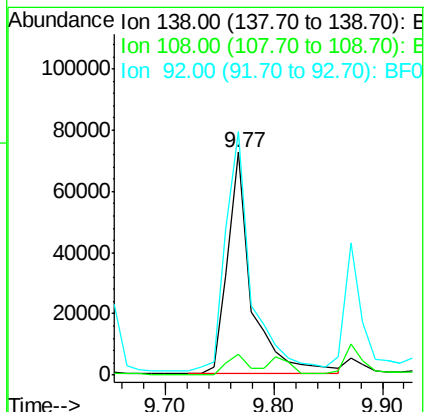
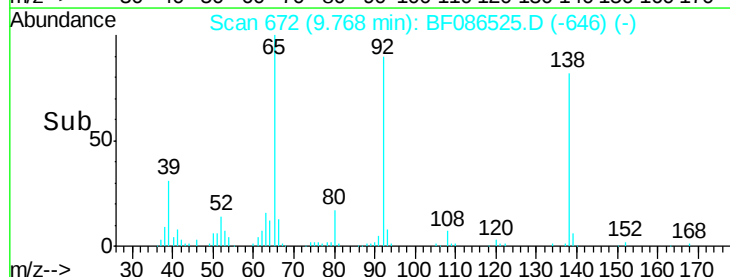
92 109.3 87.8 131.8

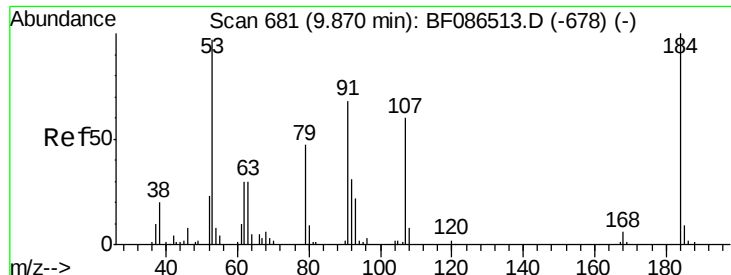


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

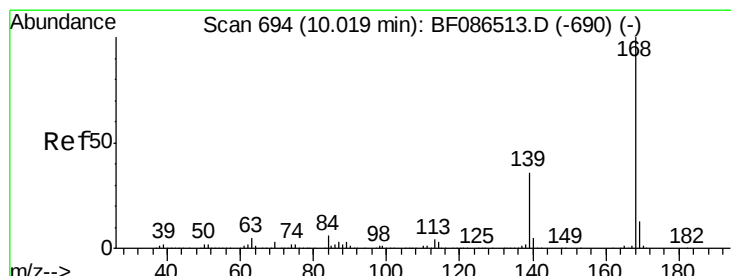
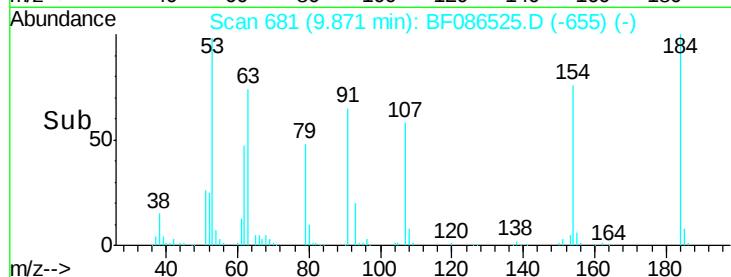
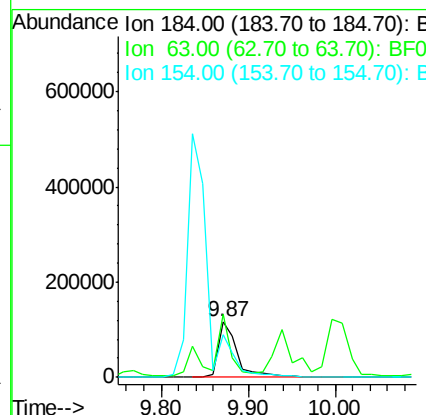
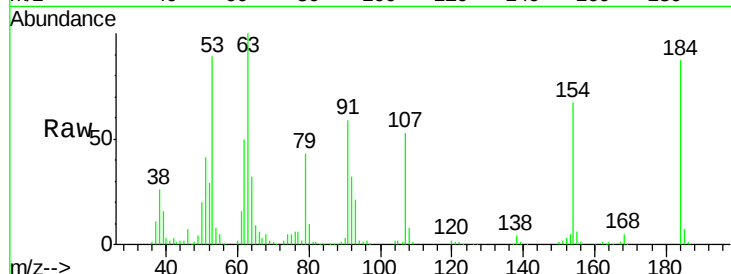




#53
2,4-Dinitrophenol
Concen: 71.28 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

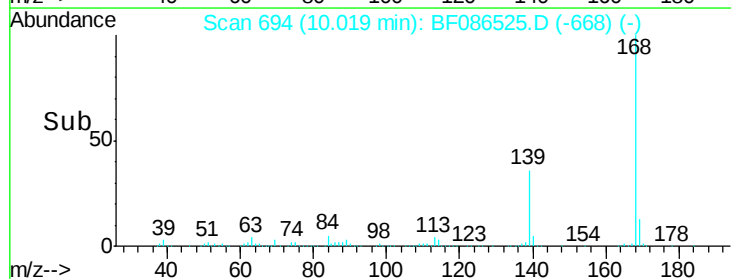
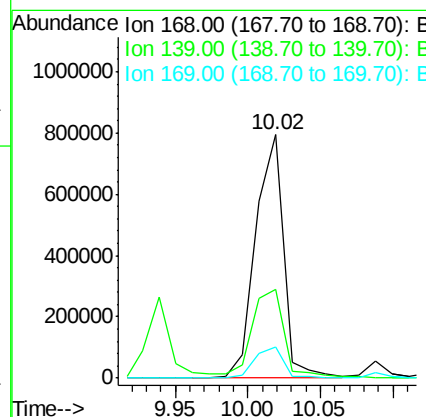
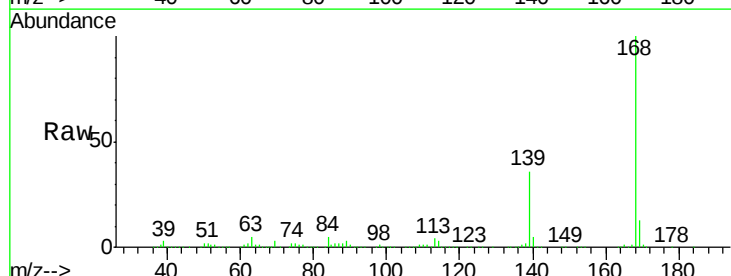
Instrument :
BNA_F
ClientSampled :

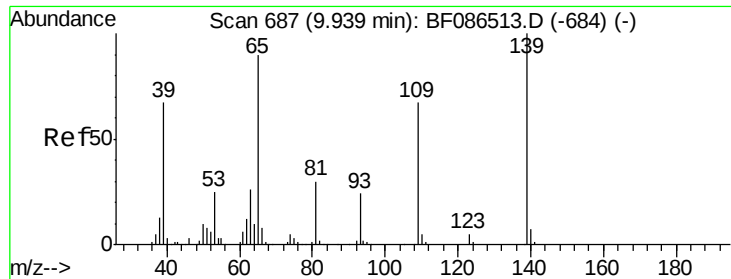
Tot Ion:184 Resp: 182508
Ion Ratio Lower Upper
184 100
63 114.5 55.8 83.8#
154 76.6 62.4 93.6



#54
Dibenzofuran
Concen: 43.70 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion:168 Resp: 1063436
Ion Ratio Lower Upper
168 100
139 36.2 31.4 47.0
169 12.9 10.7 16.1

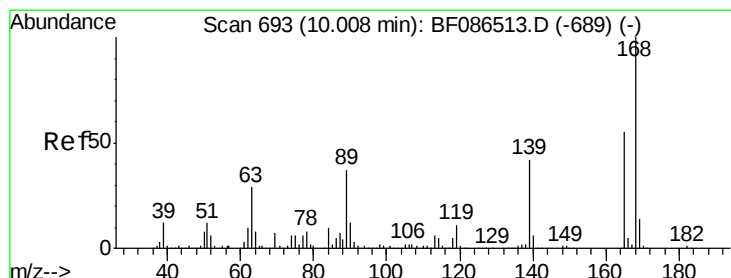
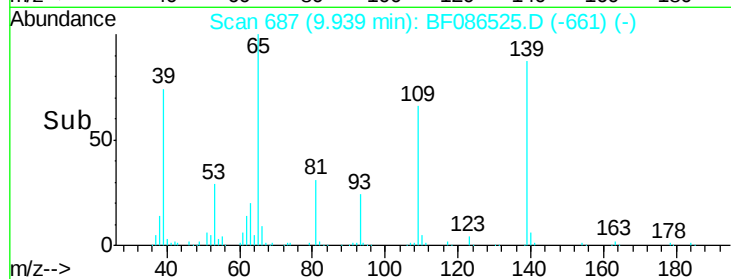
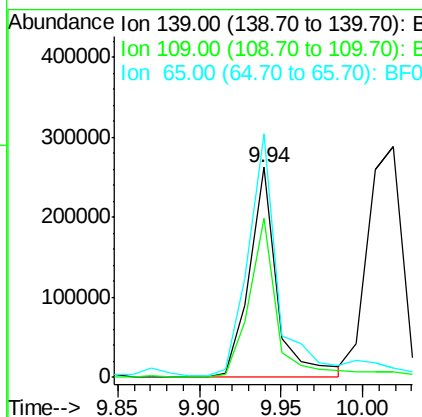
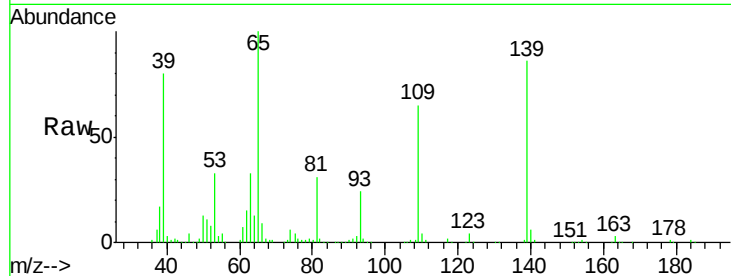




#55
4-Nitrophenol
Concen: 88.04 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

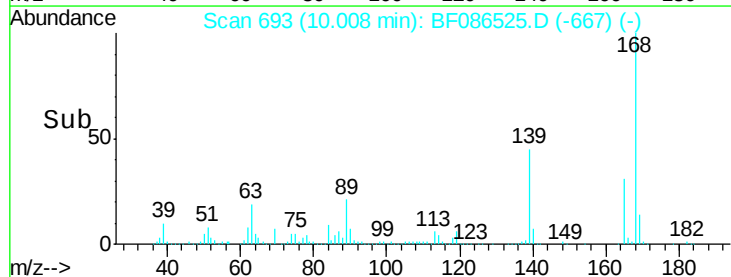
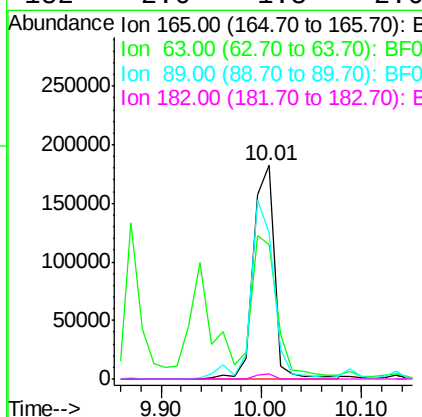
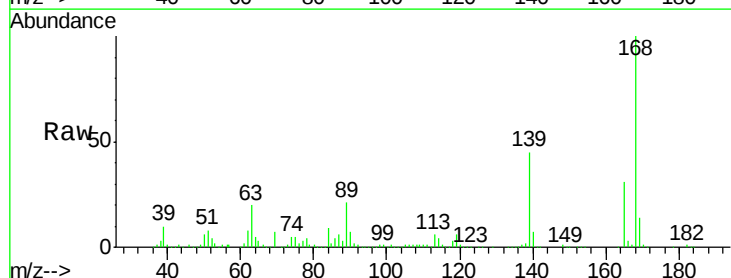
Instrument :
BNA_F
ClientSampleId :

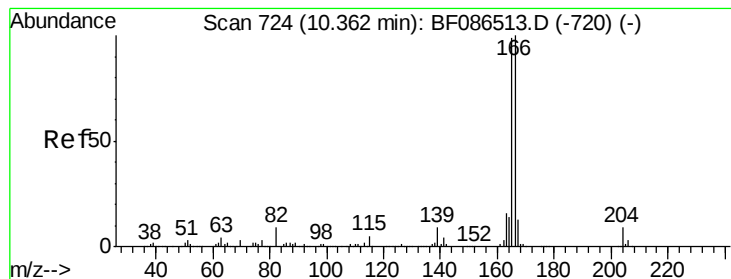
Tot Ion:139 Resp: 311146
Ion Ratio Lower Upper
139 100
109 75.6 36.9 76.9
65 115.9 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 43.90 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion:165 Resp: 265587
Ion Ratio Lower Upper
165 100
63 63.1 44.3 66.5
89 68.2 70.0 105.0#
182 2.6 1.8 2.6





#57

Fluorene

Concen: 35.99 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

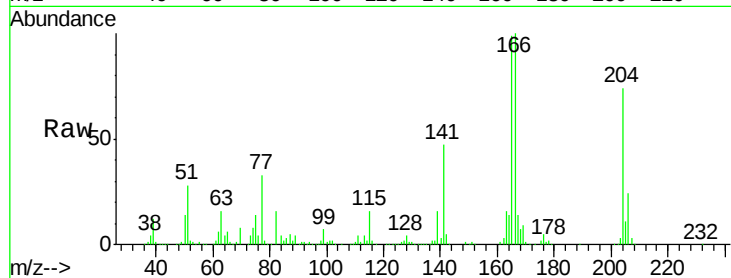
Tot Ion:166 Resp: 760545

Ion Ratio Lower Upper

166 100

165 98.9 79.0 118.6

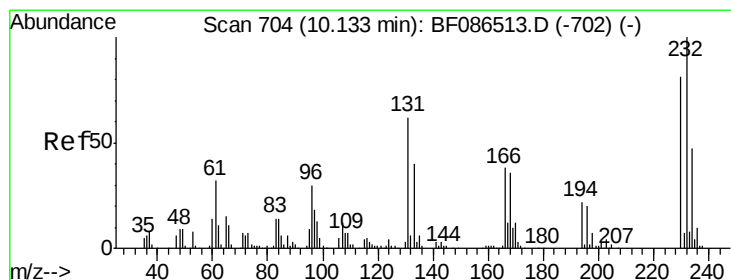
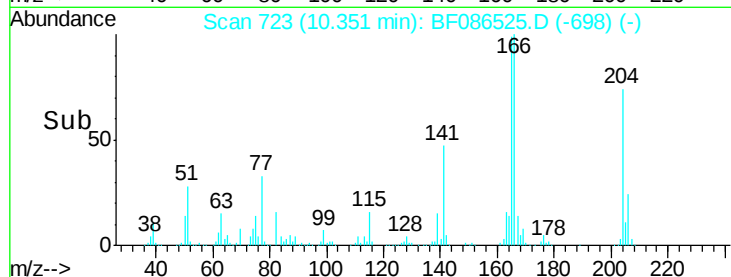
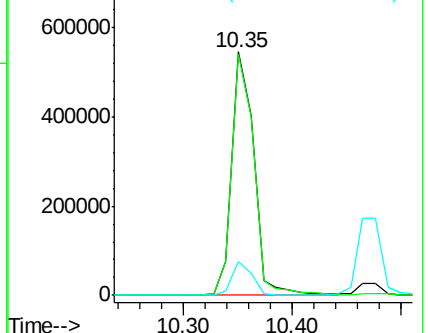
167 14.0 10.6 15.8



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: 45.89 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Tgt Ion:232 Resp: 215933

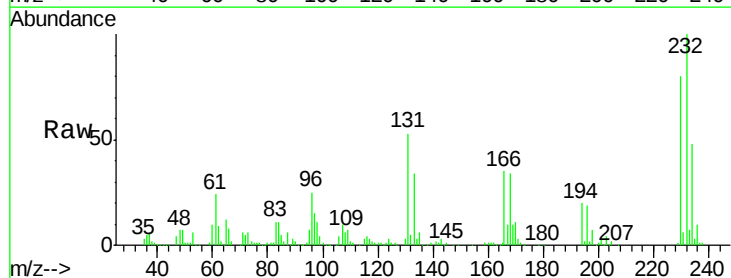
Ion Ratio Lower Upper

232 100

131 52.5 41.9 62.9

130 2.6 2.2 3.4

166 32.2 26.8 40.2

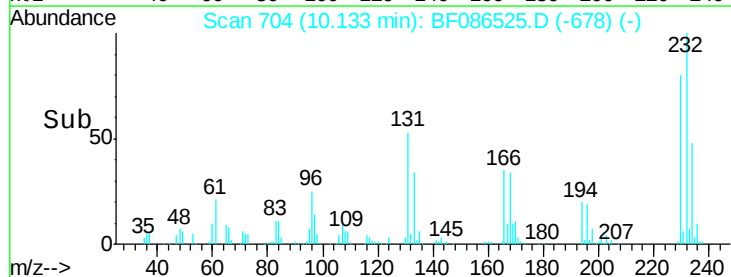
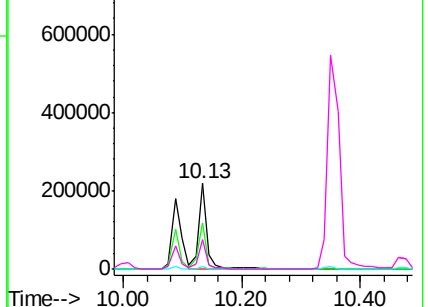


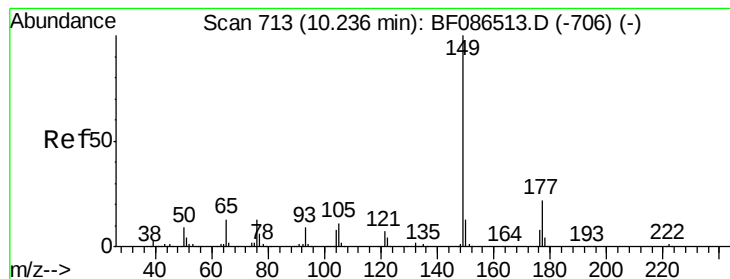
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.65 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

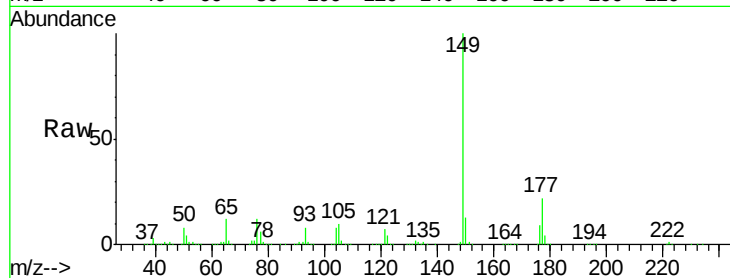
Tot Ion:149 Resp: 862168

Ion Ratio Lower Upper

149 100

177 21.5 16.6 24.8

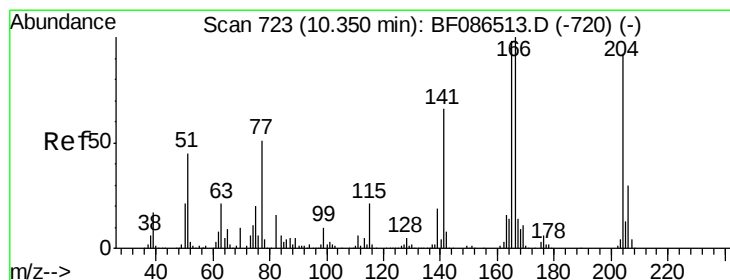
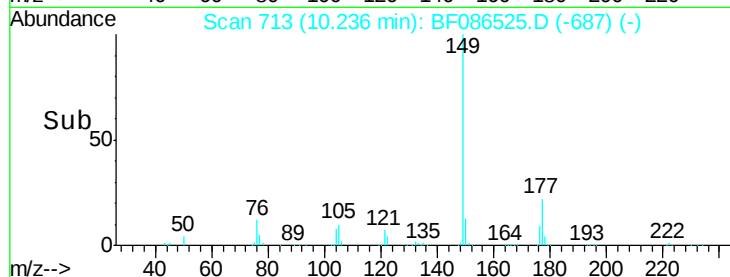
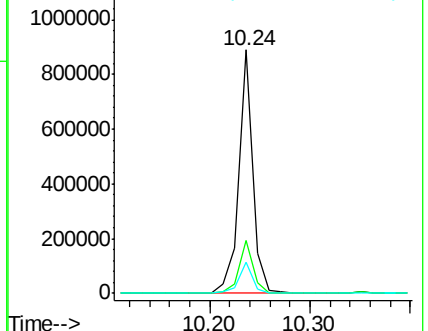
150 12.9 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.37 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

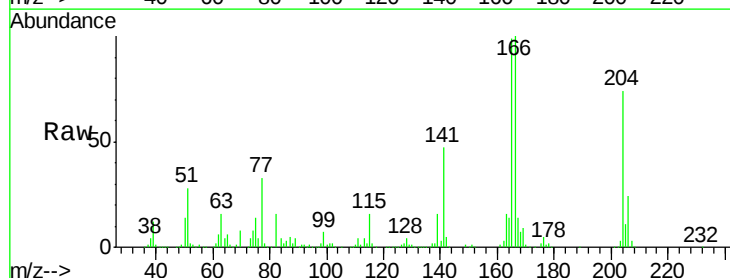
Tgt Ion:204 Resp: 377684

Ion Ratio Lower Upper

204 100

206 33.0 25.4 38.0

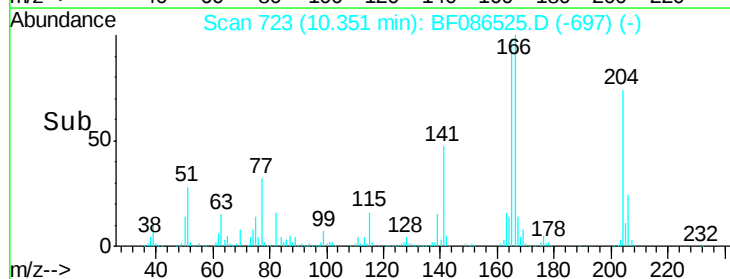
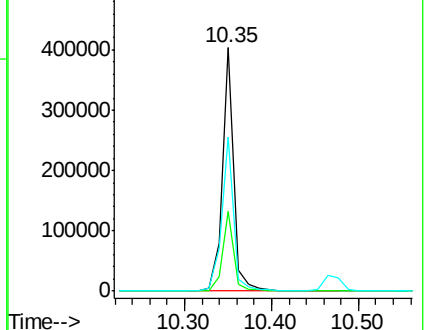
141 63.5 61.6 92.4

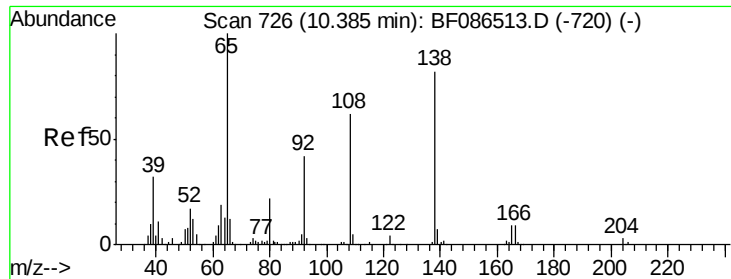


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

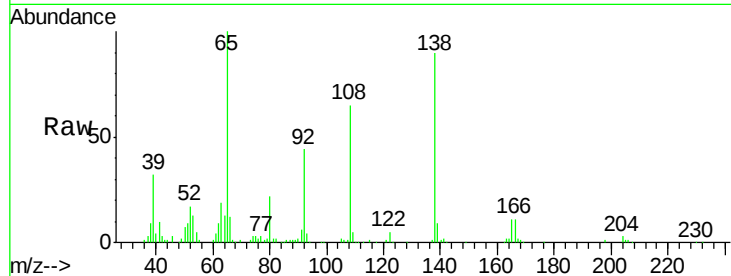




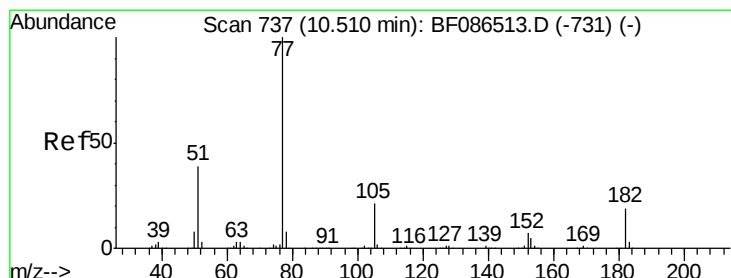
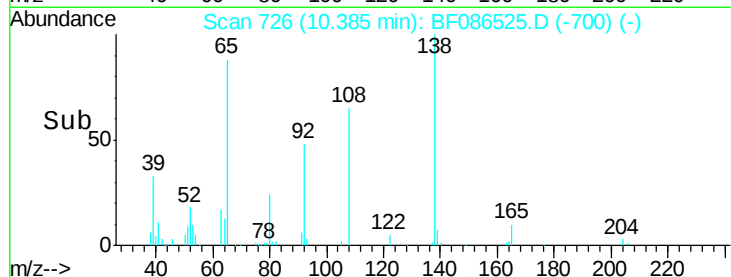
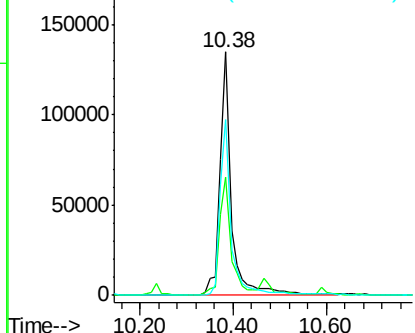
#61
4-Nitroaniline
Concen: 43.53 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 229683
Ion Ratio Lower Upper
138 100
92 48.7 24.7 64.7
108 72.1 37.4 77.4

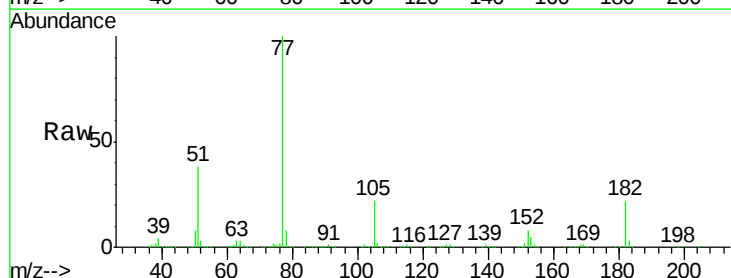


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

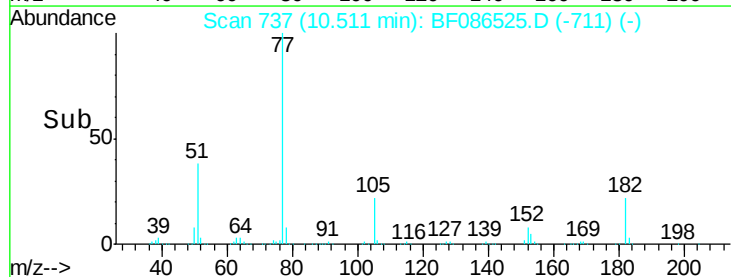
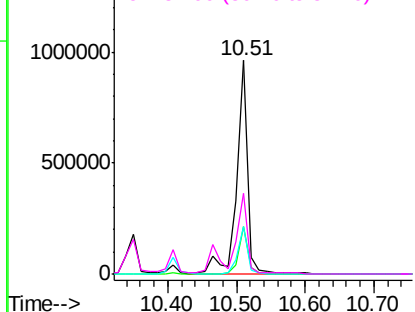


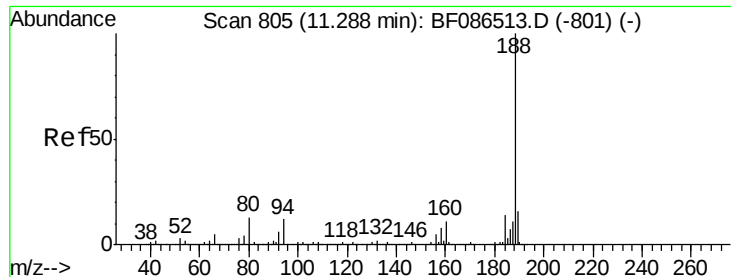
#62
Azobenzene
Concen: 45.36 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion: 77 Resp: 1080437
Ion Ratio Lower Upper
77 100
182 22.1 0.0 38.8
105 22.4 3.2 43.2
51 38.0 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

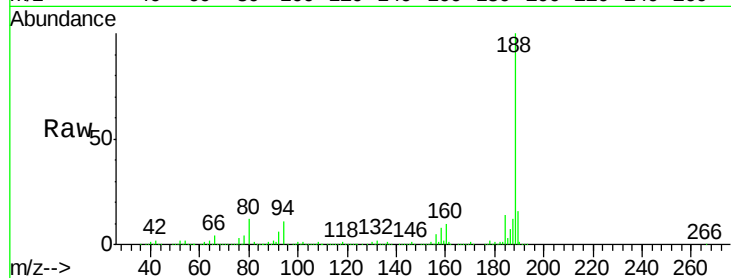




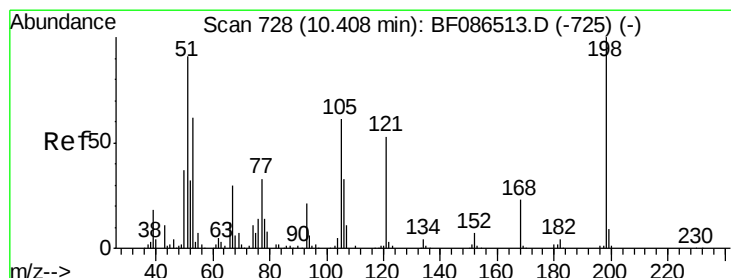
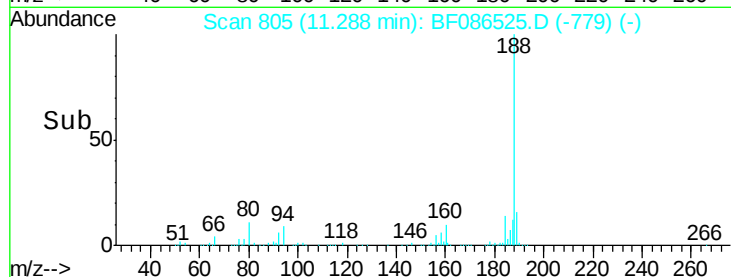
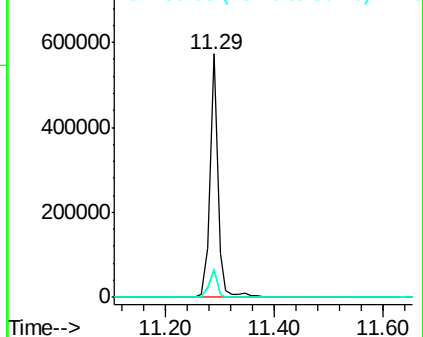
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 585026
Ion Ratio Lower Upper
188 100
94 11.3 6.8 10.2#
80 11.7 7.1 10.7#

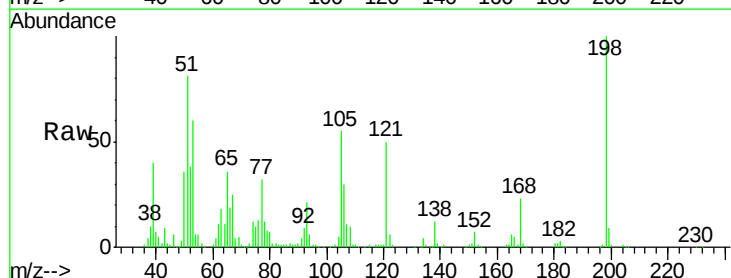


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

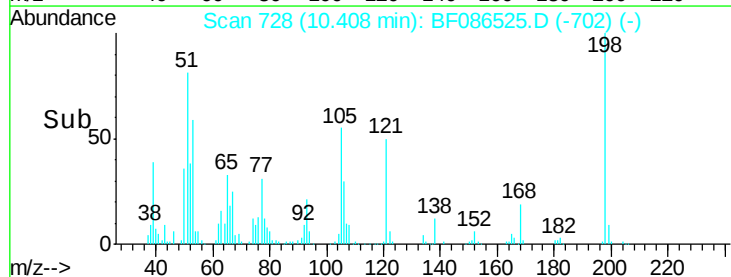
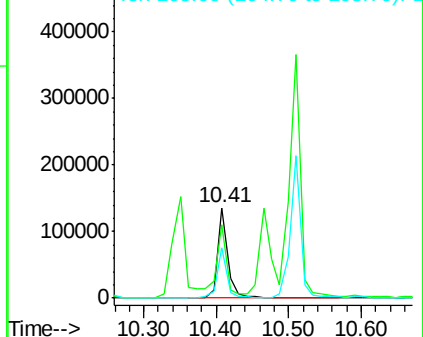


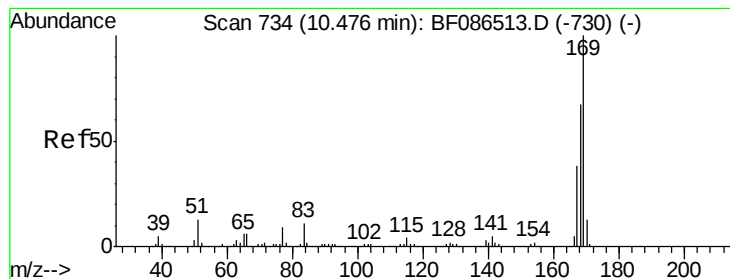
#64
4,6-Dinitro-2-methylphenol
Concen: 39.07 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion:198 Resp: 134188
Ion Ratio Lower Upper
198 100
51 81.1 20.5 60.5#
105 55.1 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: 39.90 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

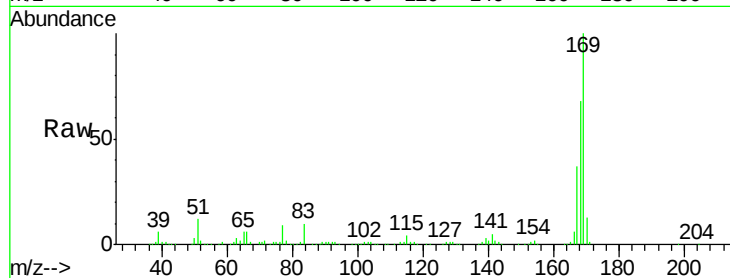
Tot Ion:169 Resp: 729615

Ion Ratio Lower Upper

169 100

168 67.6 53.8 80.6

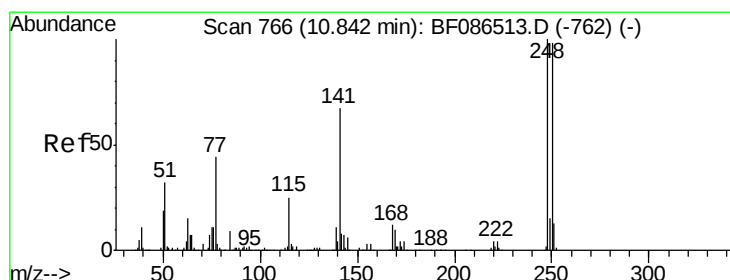
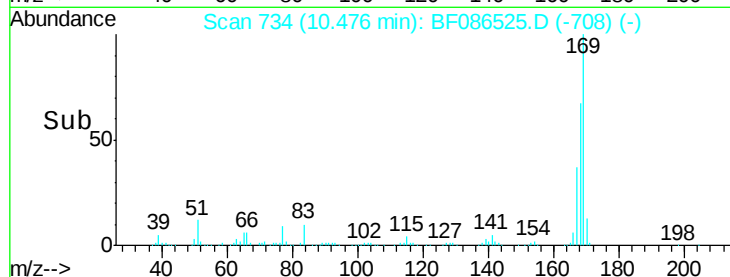
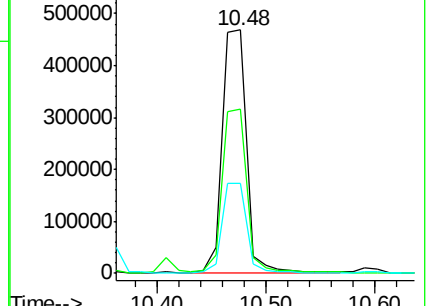
167 36.8 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.44 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

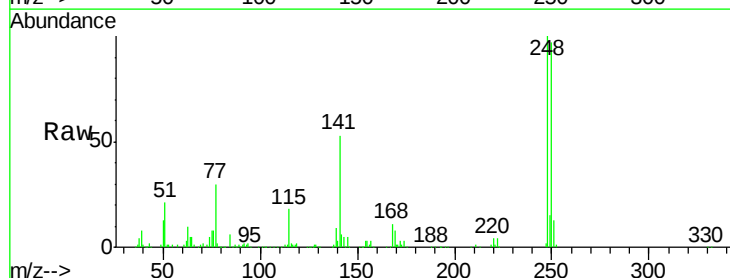
Tgt Ion:248 Resp: 237781

Ion Ratio Lower Upper

248 100

250 97.4 78.6 117.8

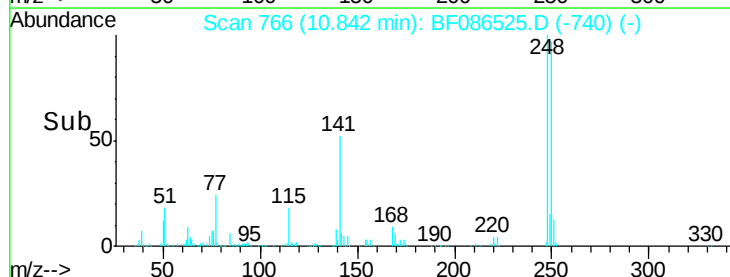
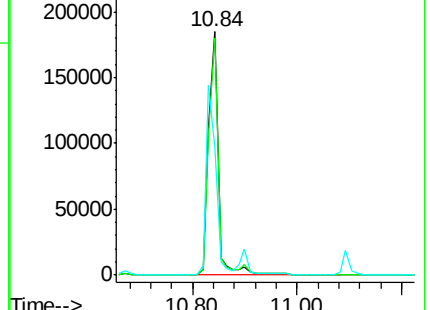
141 52.7 76.0 114.0#

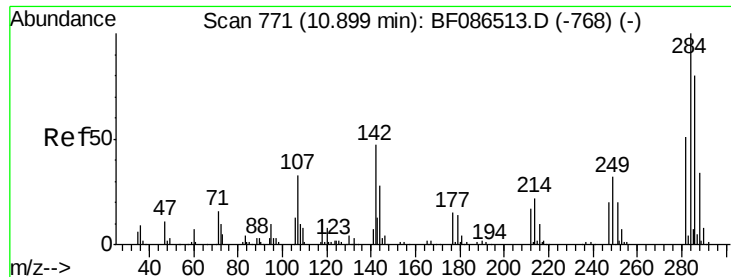


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

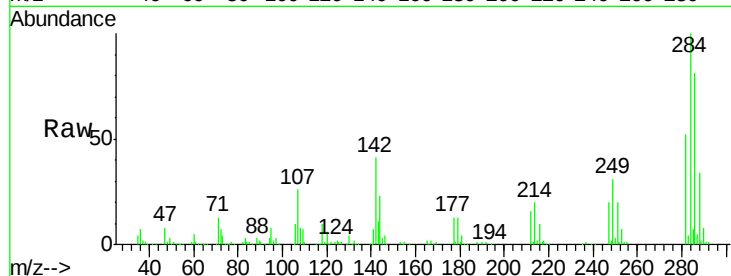




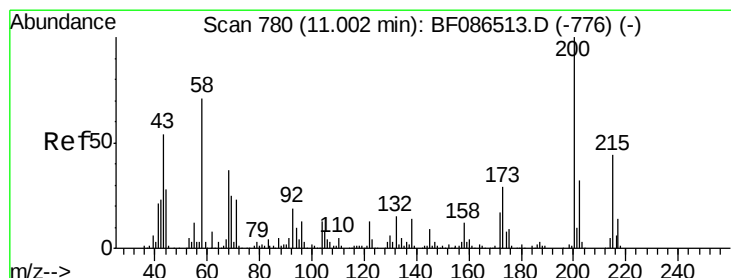
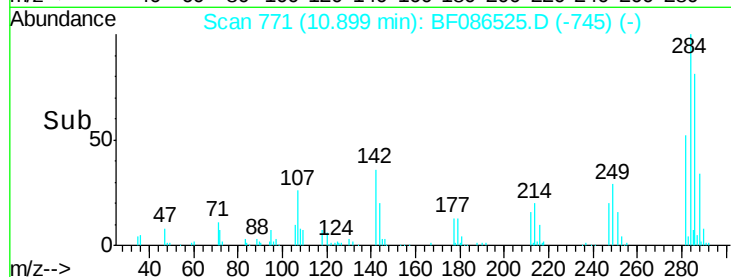
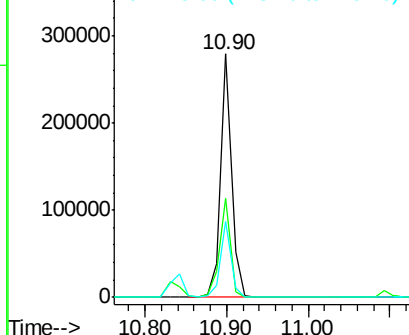
#67
Hexachlorobenzene
Concen: 37.33 ng
RT: 10.90 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 260510
Ion Ratio Lower Upper
284 100
142 40.6 16.7 25.1#
249 31.2 21.3 31.9

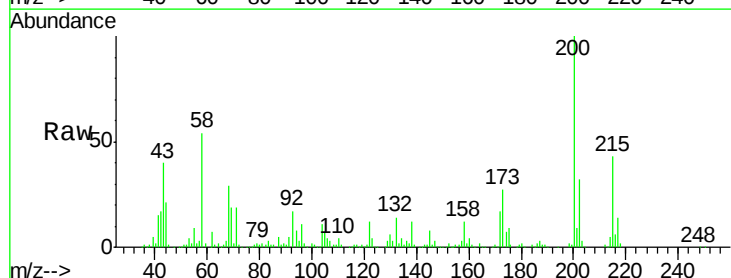


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

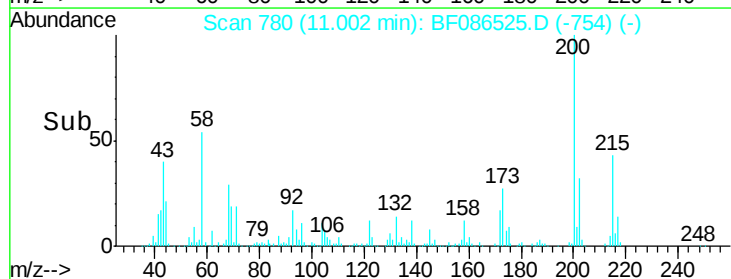
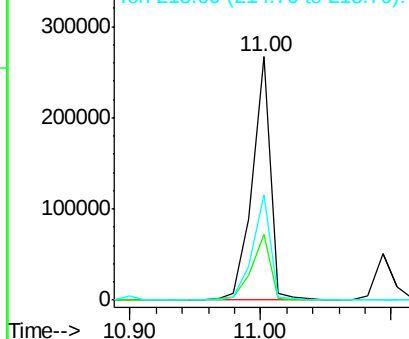


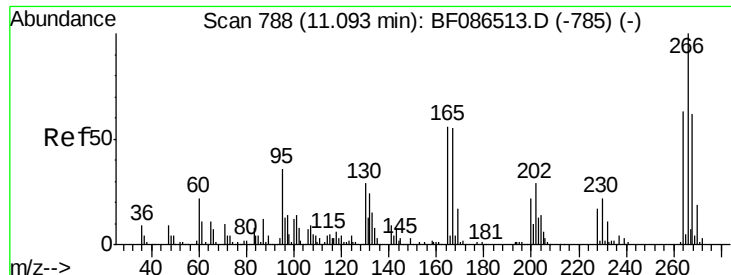
#68
Atrazine
Concen: 47.29 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion:200 Resp: 259624
Ion Ratio Lower Upper
200 100
173 27.2 8.5 48.5
215 43.5 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

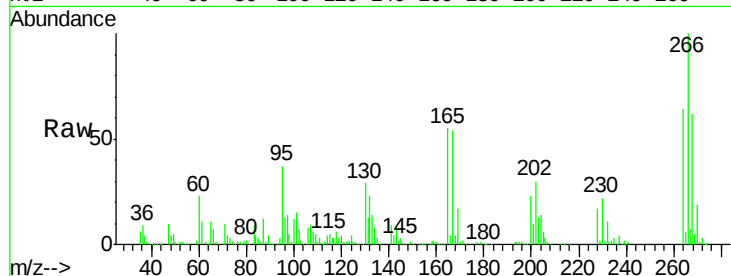




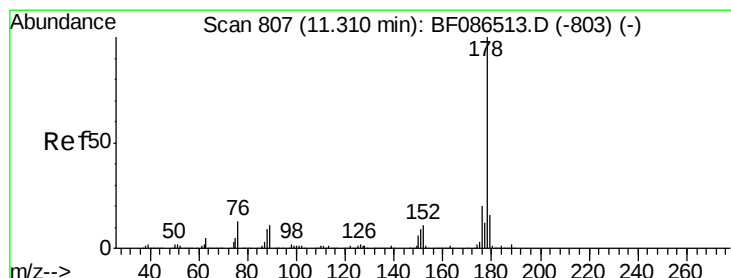
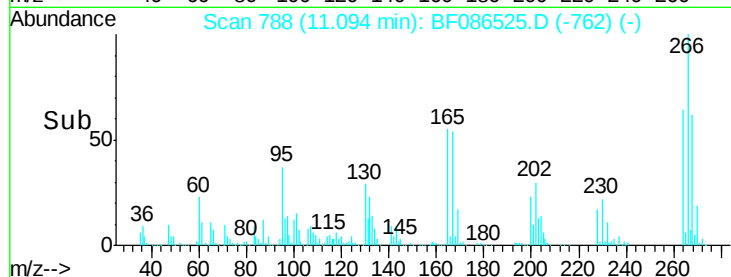
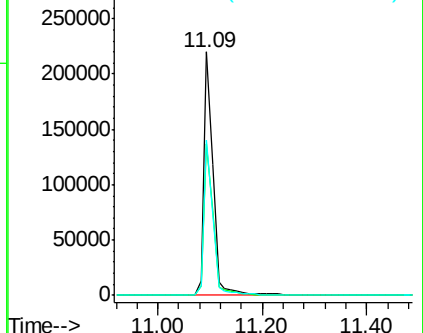
#69
 Pentachlorophenol
 Concen: 73.54 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 270535
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.5 77.3
 264 64.0 52.9 79.3

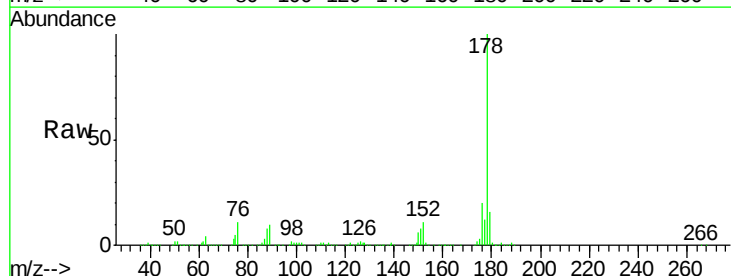


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

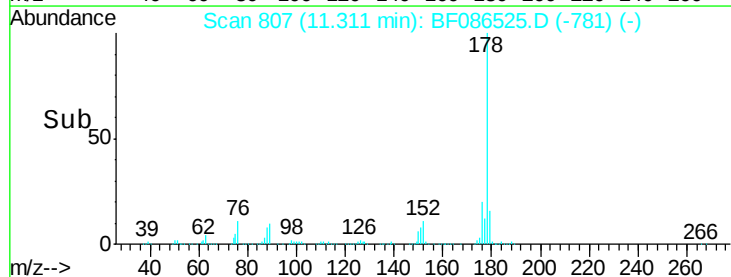
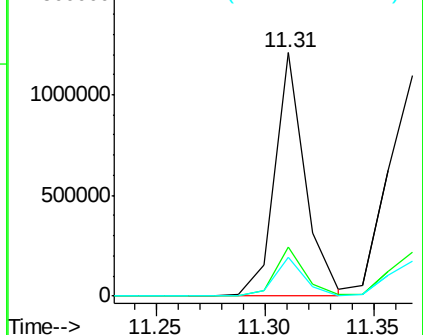


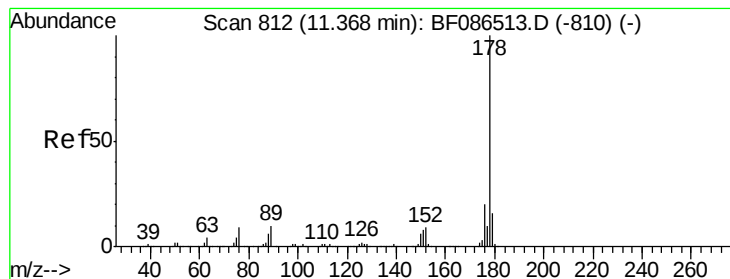
#70
 Phenanthrene
 Concen: 38.38 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion:178 Resp: 1178427
 Ion Ratio Lower Upper
 178 100
 176 20.4 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: 42.18 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

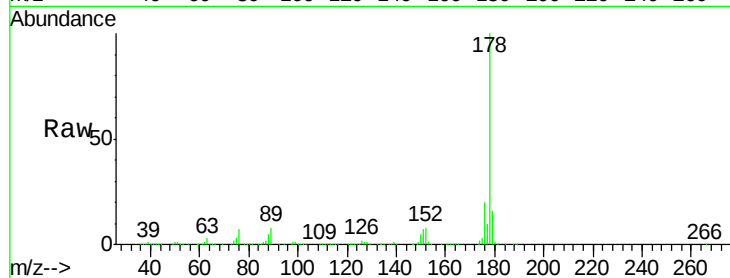
Tot Ion:178 Resp: 1381922

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

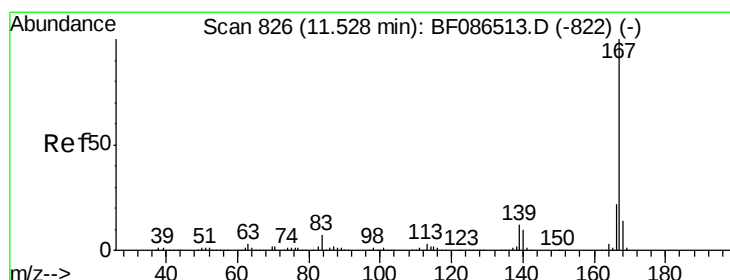
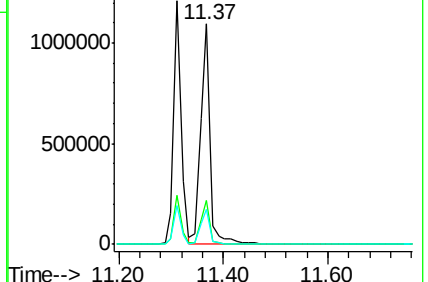
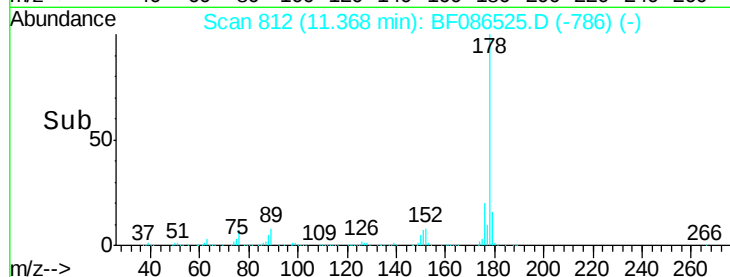
179 15.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.88 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

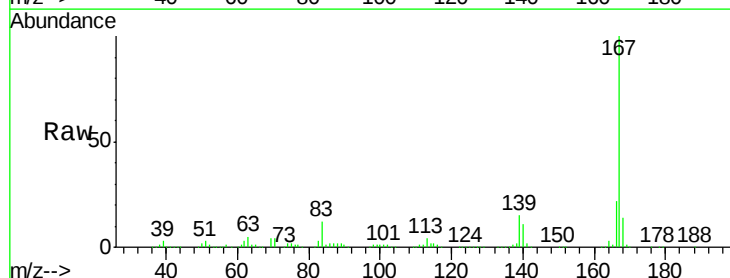
Tgt Ion:167 Resp: 1187058

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

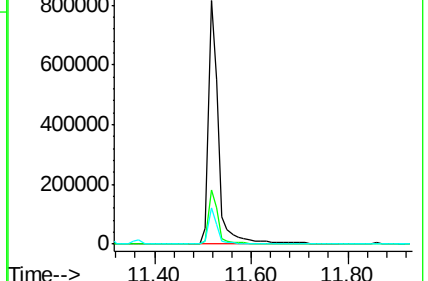
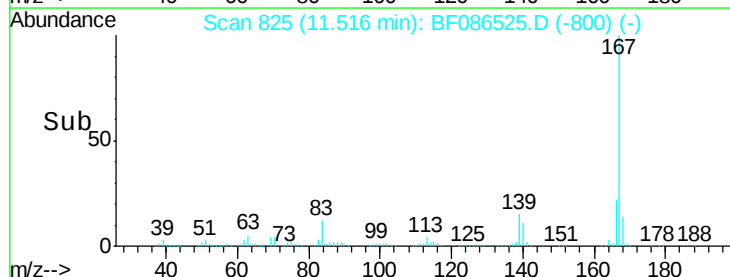
139 14.9 10.8 16.2

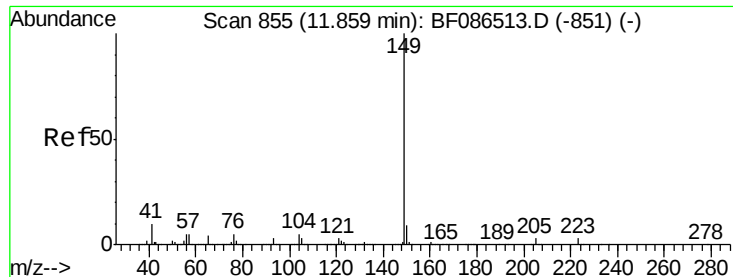


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.15 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

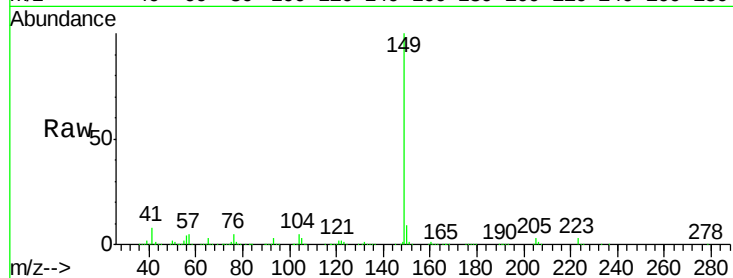
Tot Ion:149 Resp: 1419410

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

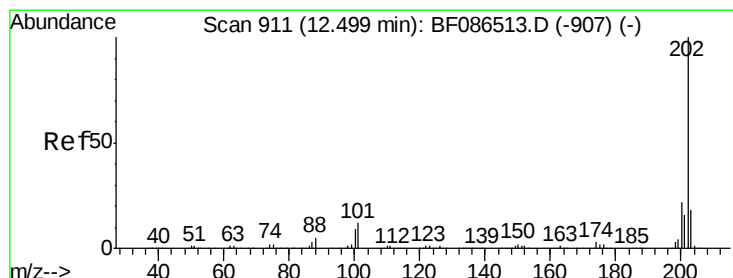
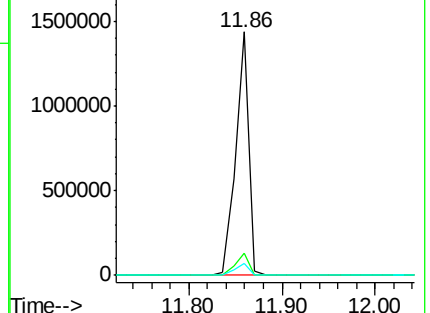
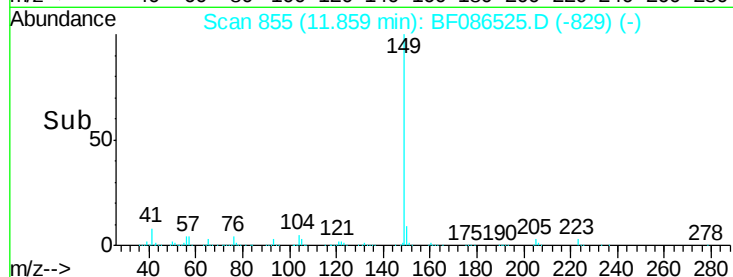
104 4.9 3.8 5.6



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: 42.92 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

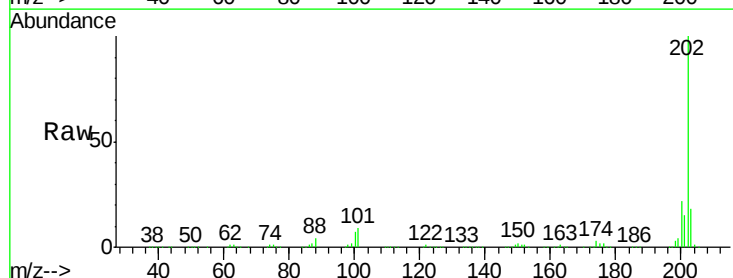
Tgt Ion:202 Resp: 1330095

Ion Ratio Lower Upper

202 100

101 8.7 0.0 35.4

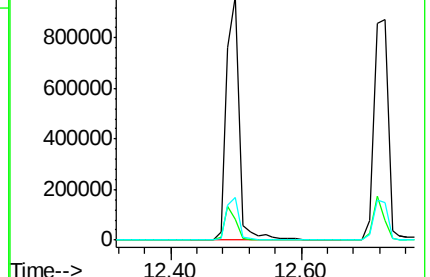
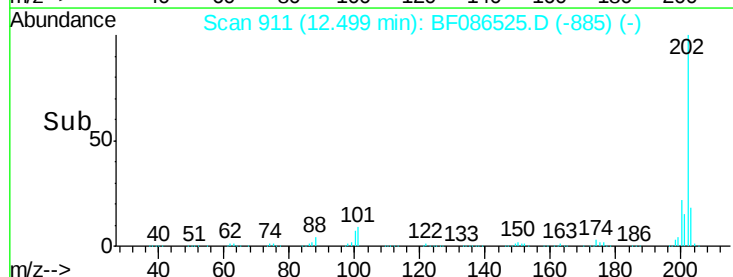
203 17.7 0.0 38.1

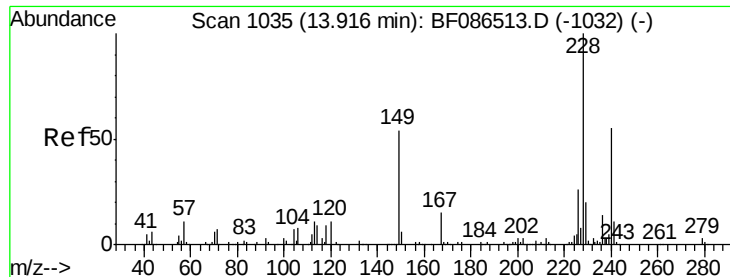


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

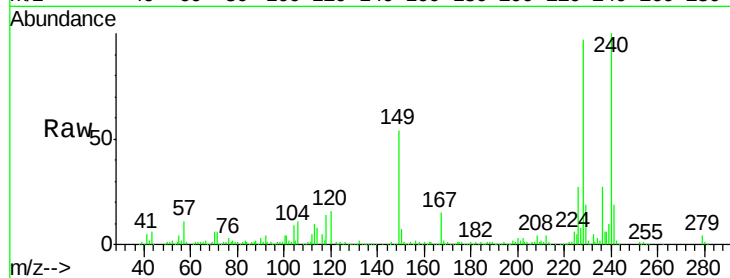
Tot Ion:240 Resp: 436440

Ion Ratio Lower Upper

240 100

120 16.3 11.2 16.8

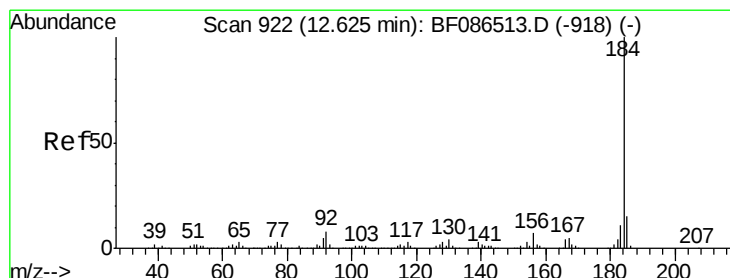
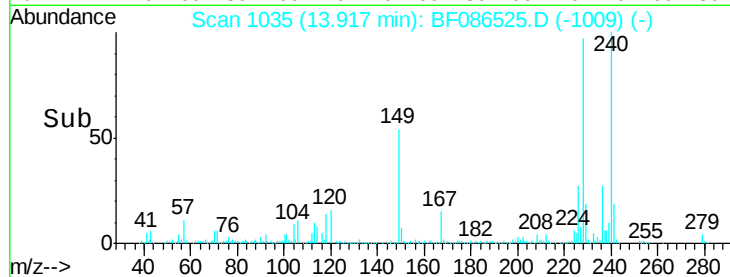
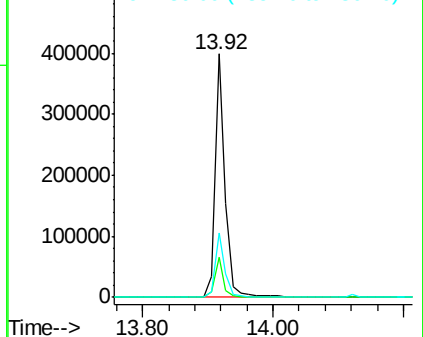
236 26.5 21.2 31.8



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: 23.92 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

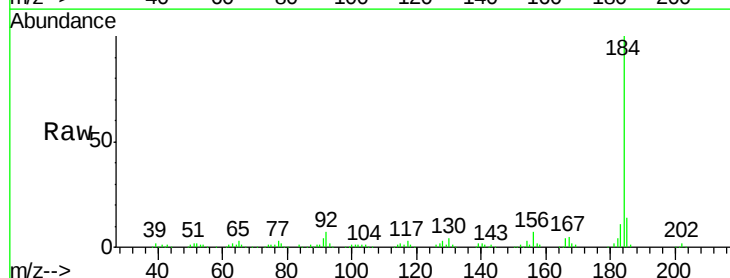
Tgt Ion:184 Resp: 358735

Ion Ratio Lower Upper

184 100

185 14.2 13.6 20.4

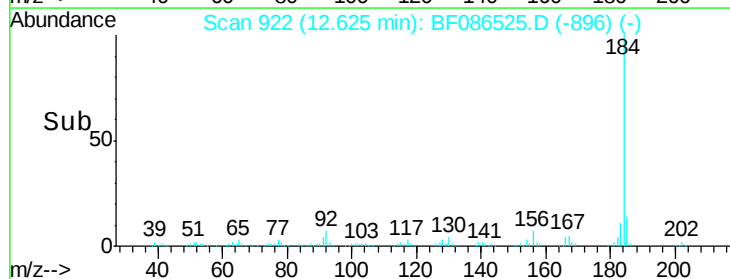
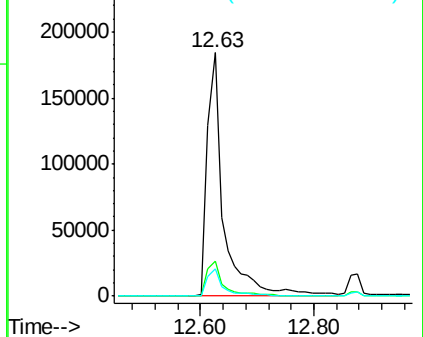
183 11.4 9.8 14.6

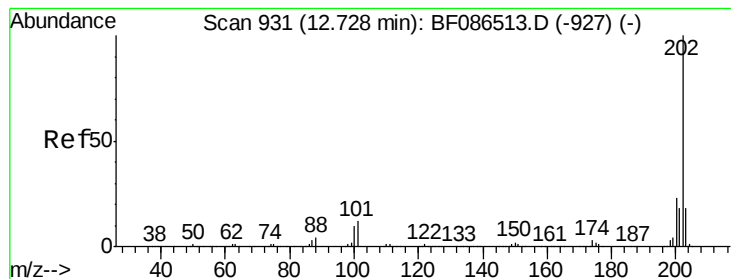


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.49 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

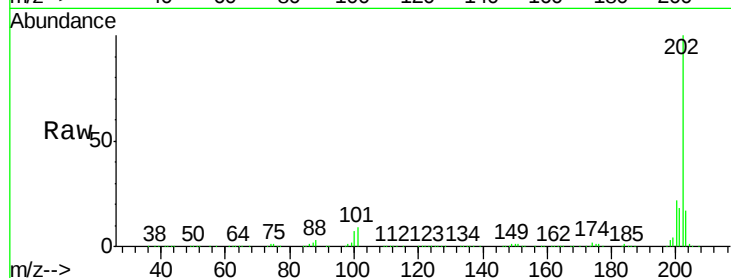
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1304648

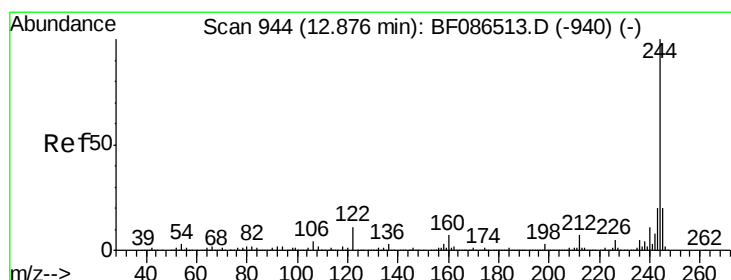
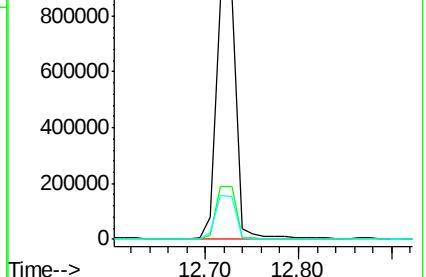
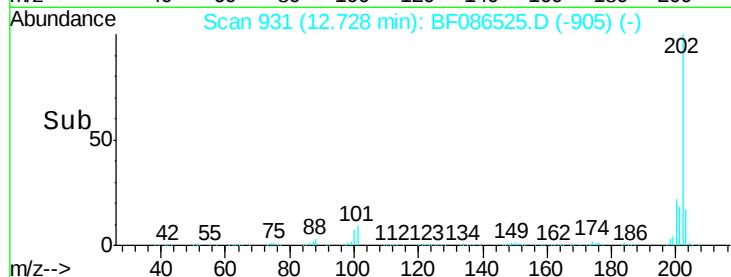
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	17.3	14.2	21.4



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: 80.38 ng

RT: 12.88 min Scan# 944

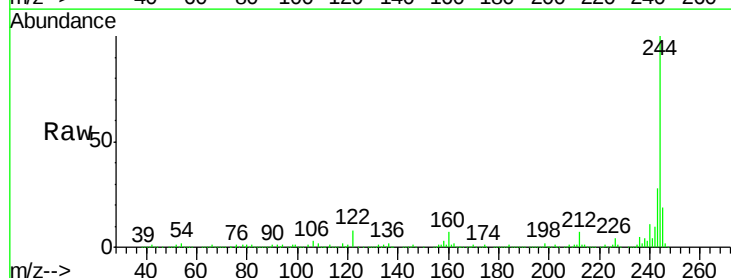
Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Tgt Ion:244 Resp: 1592417

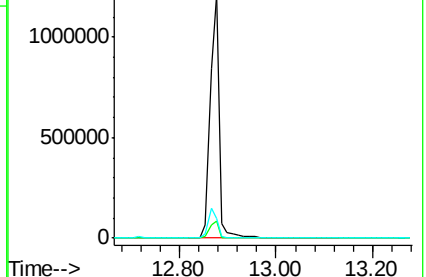
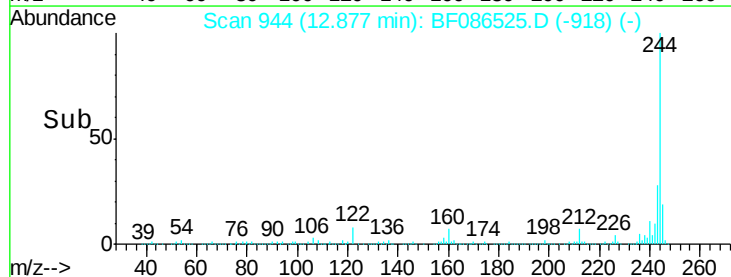
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	8.3	12.0	18.0#

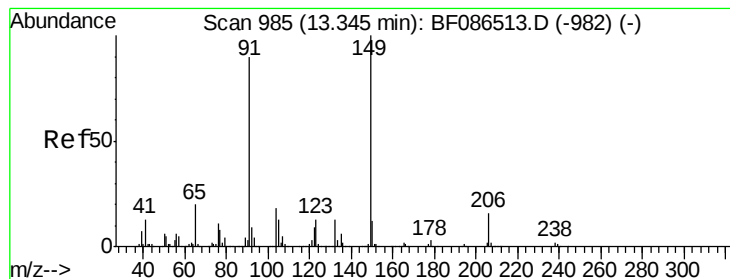


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 38.67 ng

RT: 13.35 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

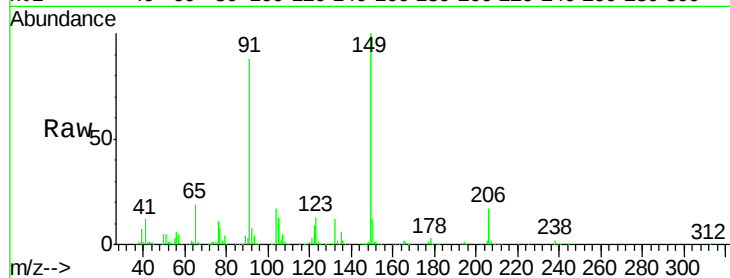
Tot Ion:149 Resp: 526666

Ion Ratio Lower Upper

149 100

91 88.0 48.0 72.0#

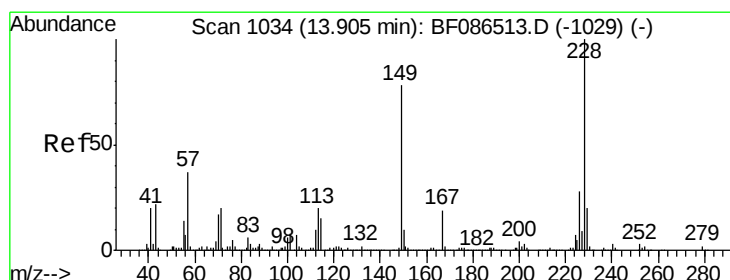
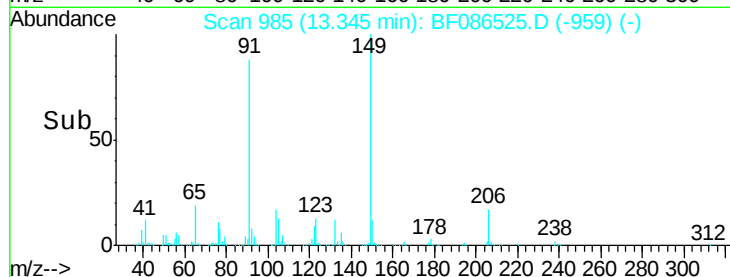
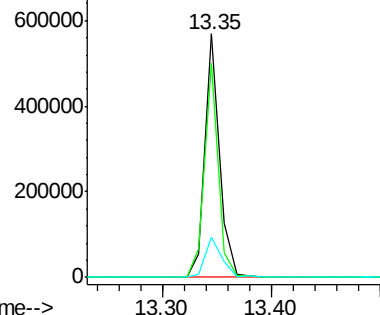
206 16.7 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.38 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

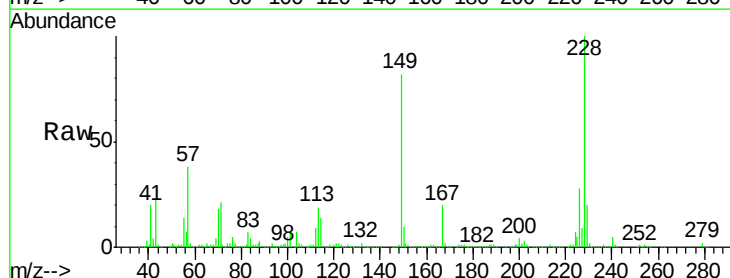
Tgt Ion:228 Resp: 962931

Ion Ratio Lower Upper

228 100

226 28.3 22.5 33.7

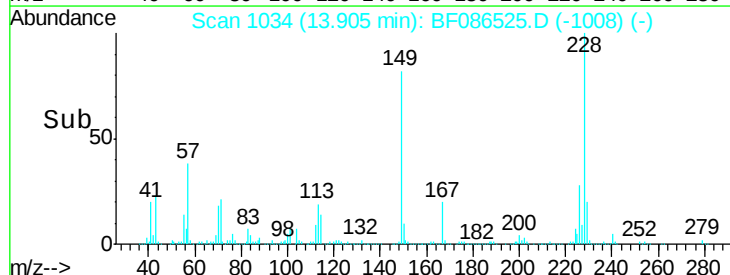
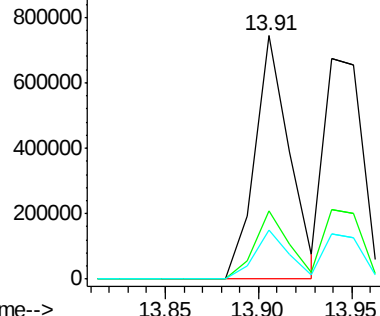
229 20.3 16.6 25.0

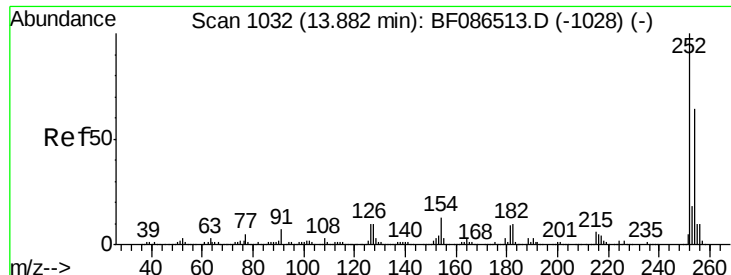


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

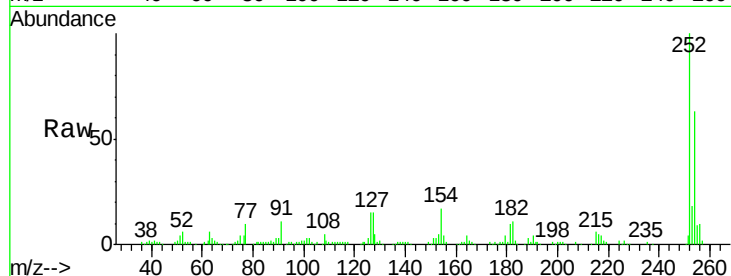




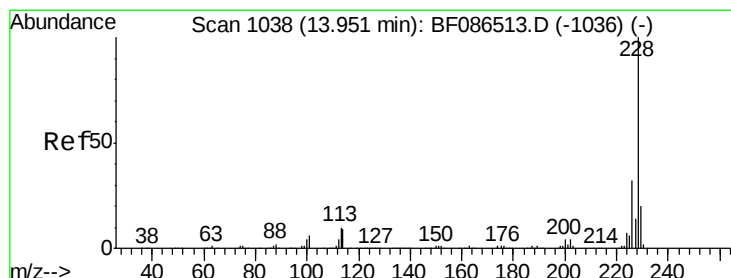
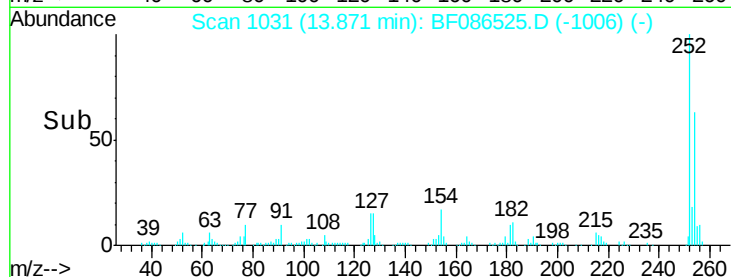
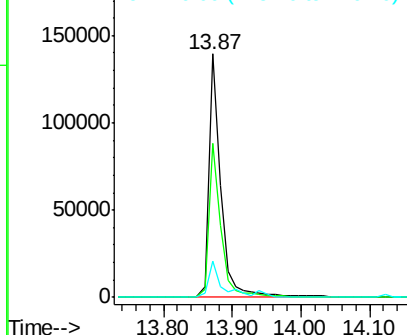
#81
 3,3'-Dichlorobenzidine
 Concen: 10.97 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 170566
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.7 76.1
 126 14.8 12.7 19.1

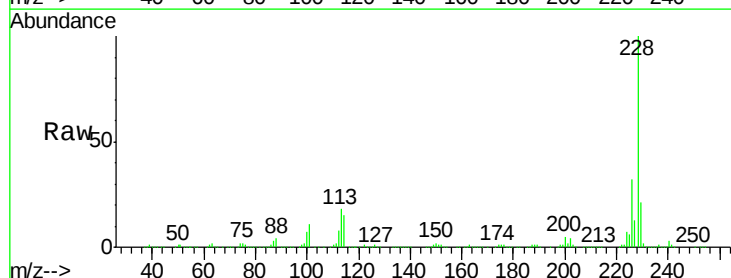


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

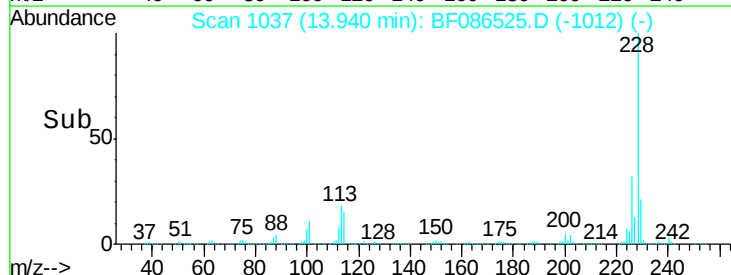
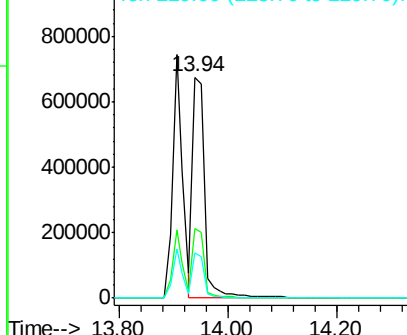


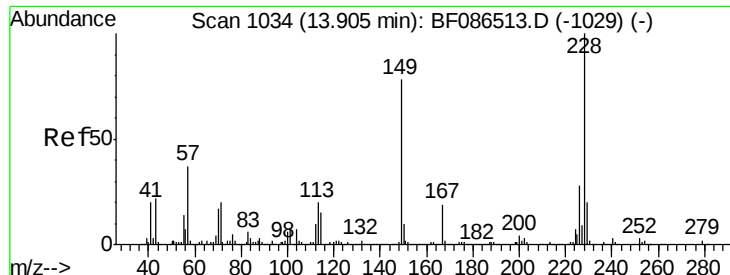
#82
 Chrysene
 Concen: 40.88 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion:228 Resp: 1034031
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.4 36.6
 229 20.5 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

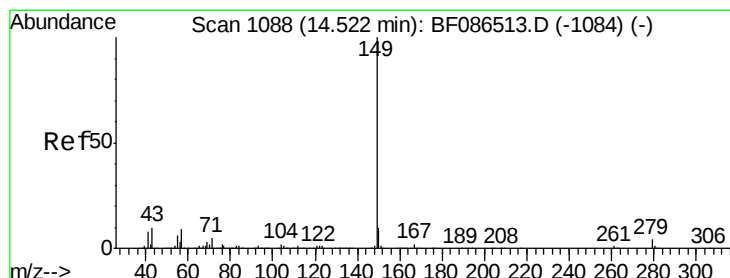
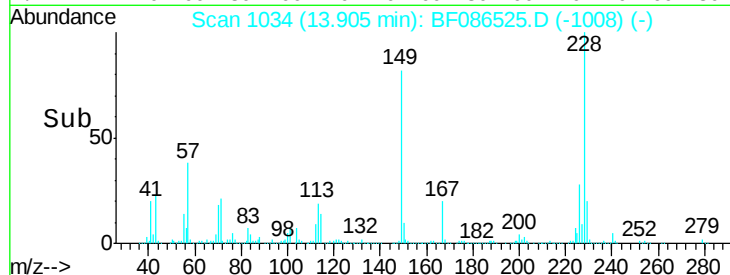
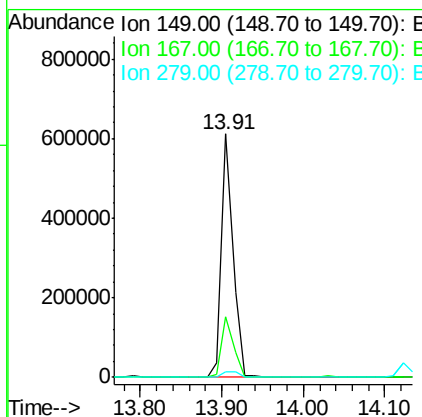
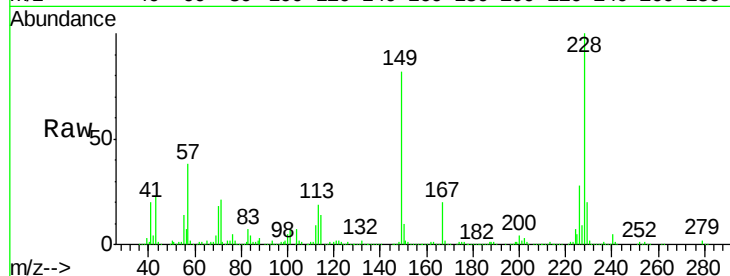




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.62 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

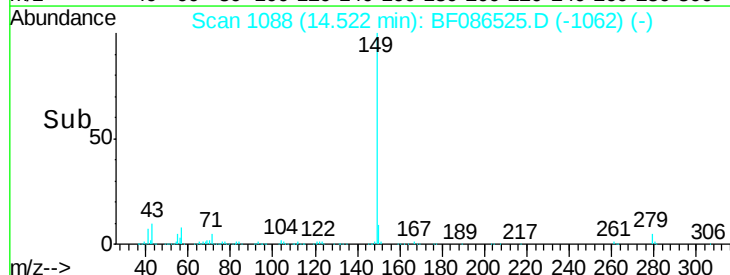
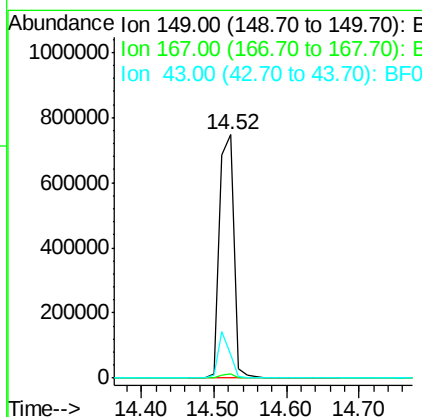
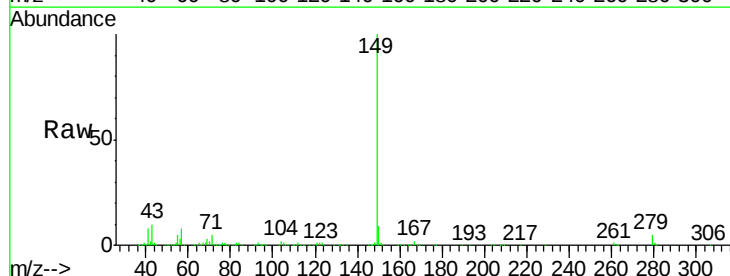
Instrument :
 BNA_F
 ClientSampleId :

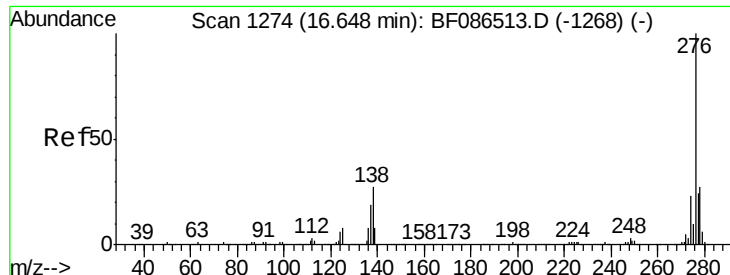
Tot Ion:149 Resp: 602293
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.8 32.6
 279 2.1 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 38.79 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion:149 Resp: 1027072
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 15.0 8.2 12.4#

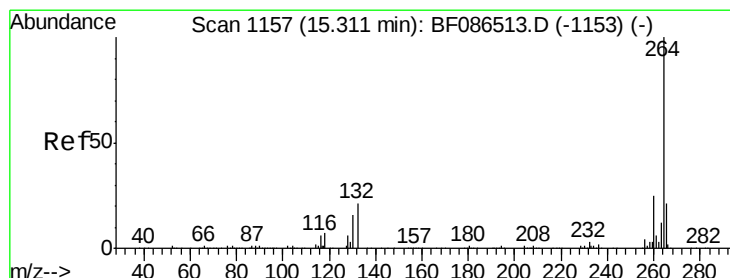
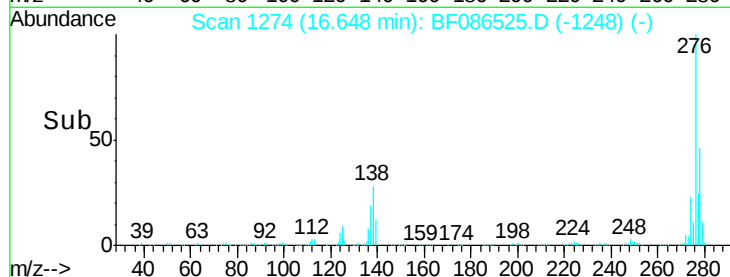
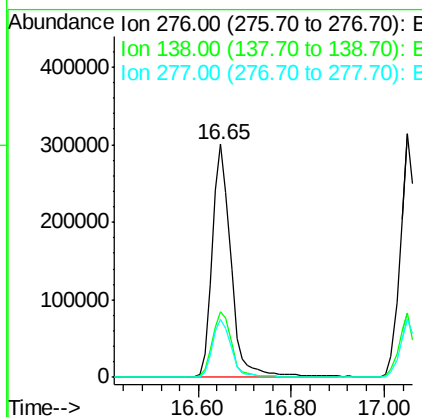
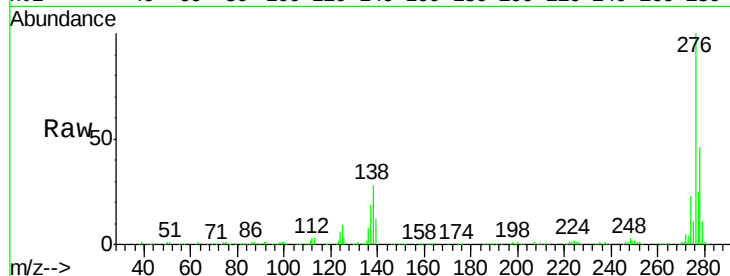




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.09 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

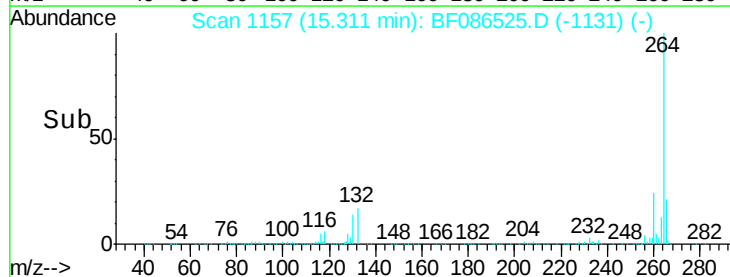
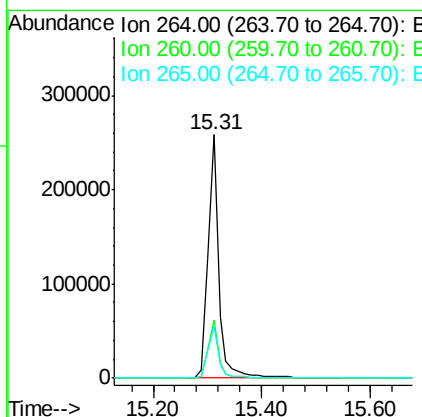
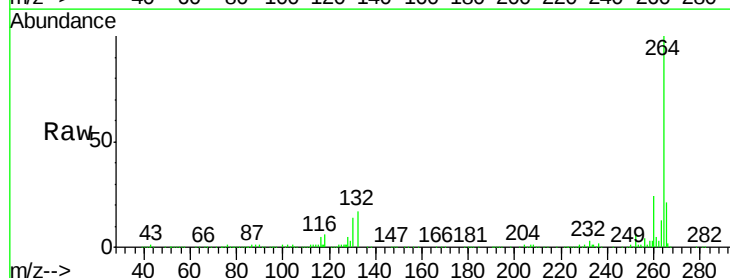
Instrument :
 BNA_F
 ClientSampleId :

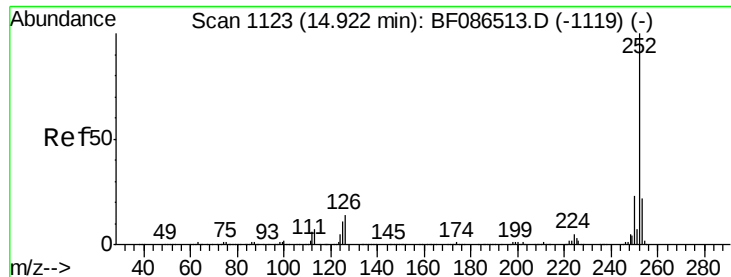
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.7	25.6	38.4
277	25.4	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 82.84 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.02 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampled :

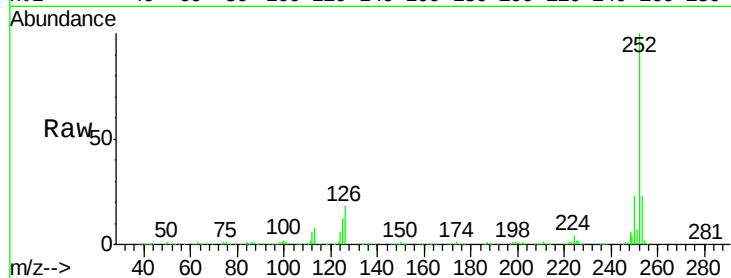
Tot Ion:252 Resp: 1734490

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

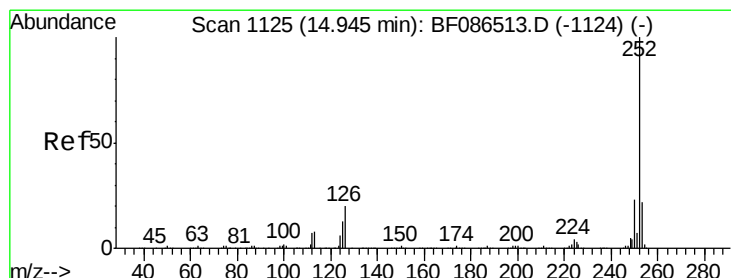
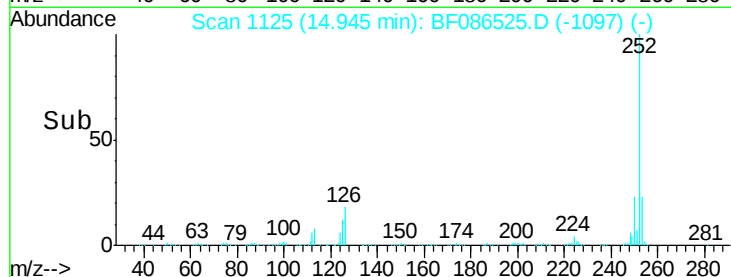
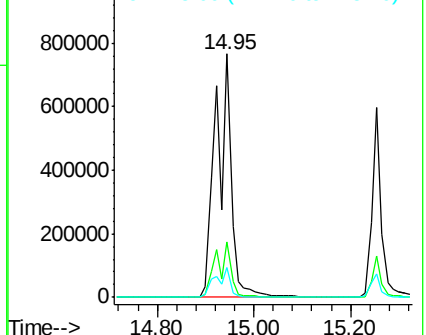
125 12.3 11.4 17.0



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: 79.52 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

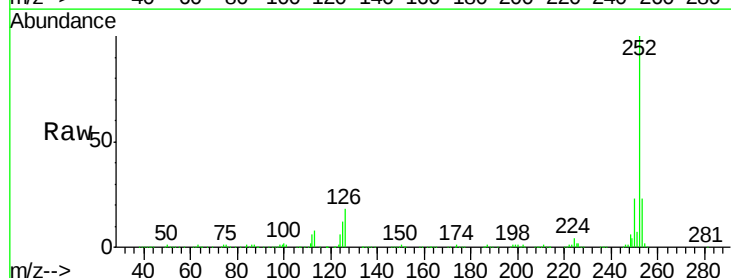
Tgt Ion:252 Resp: 1736715

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

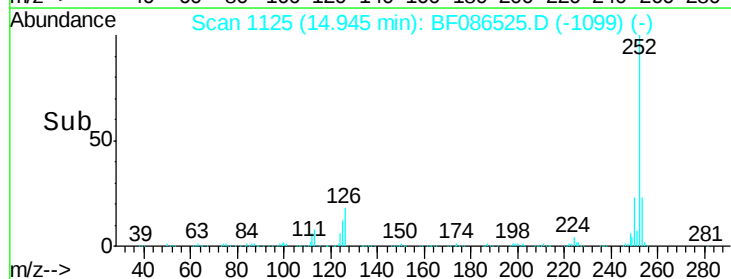
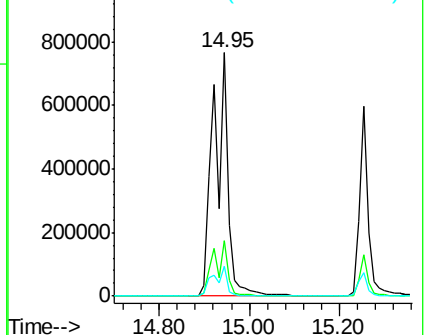
125 12.3 9.1 13.7

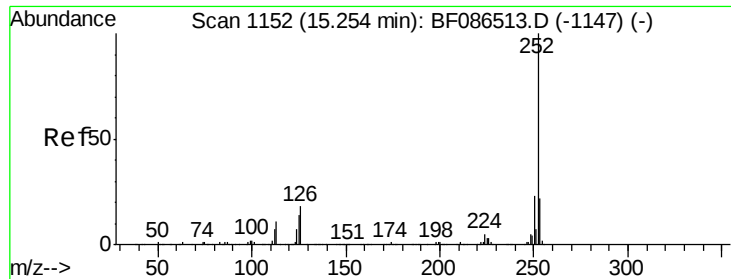


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

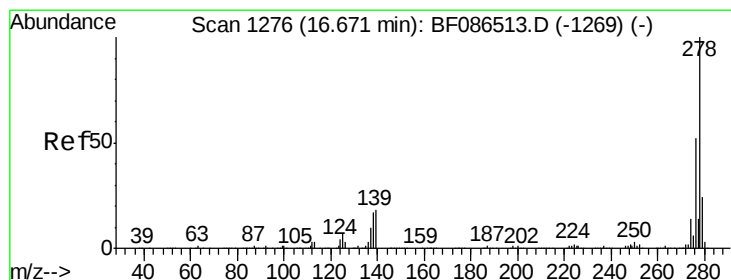
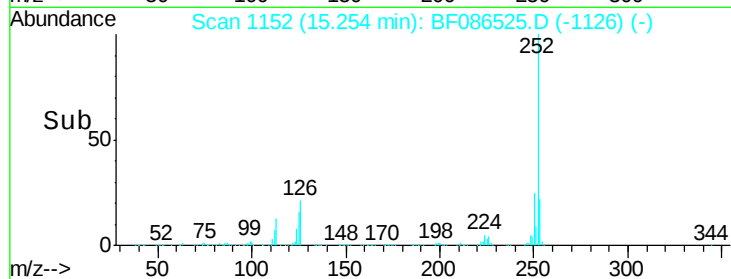
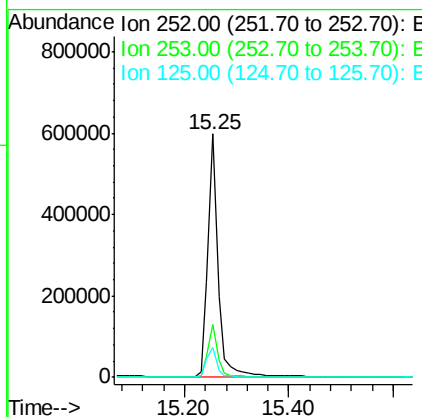
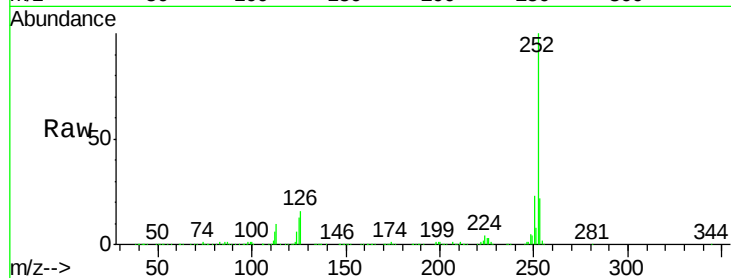




#89
Benzo(a)pyrene
Concen: 40.76 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

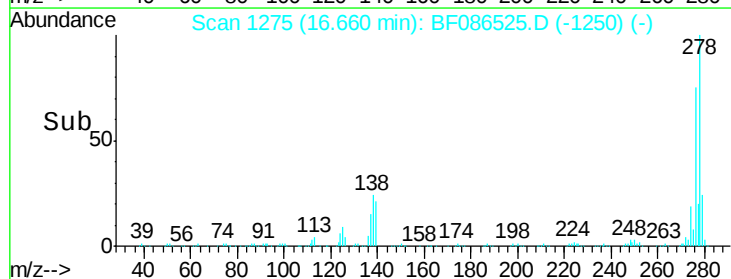
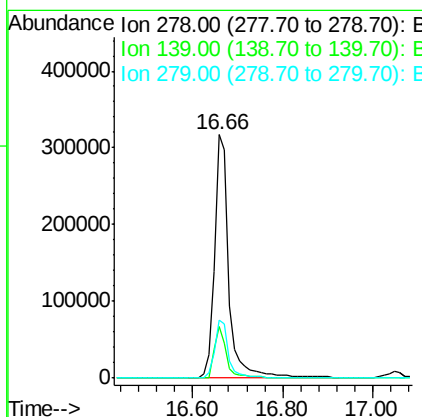
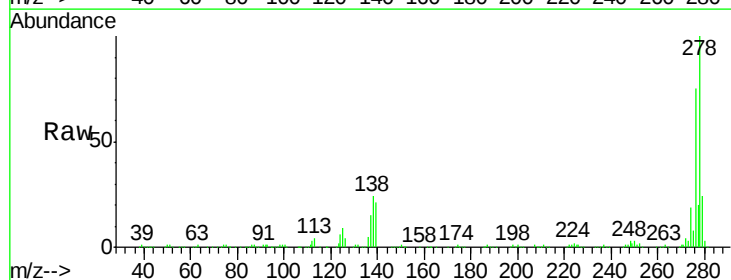
Instrument :
BNA_F
ClientSampleId :

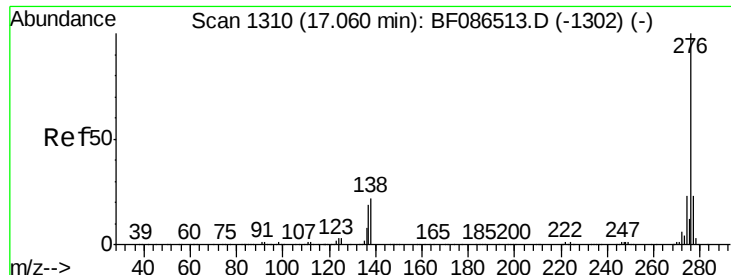
Tot Ion:252 Resp: 805826
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 12.5 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 43.64 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion:278 Resp: 706067
Ion Ratio Lower Upper
278 100
139 21.0 16.6 24.8
279 23.9 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 44.17 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.01 min

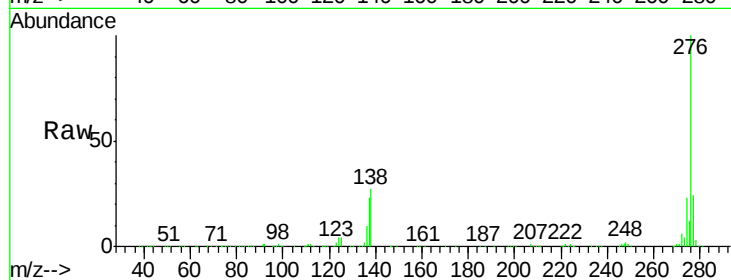
Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :



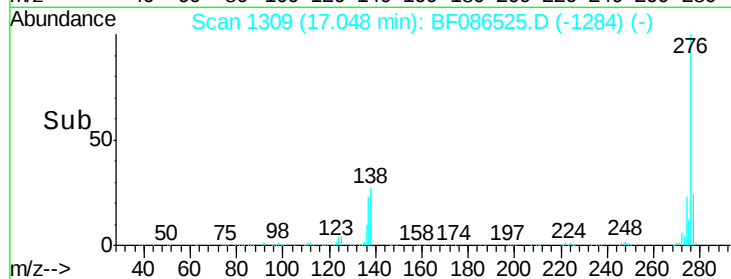
Tot Ion: 276 Resp: 716093

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 26.6 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

