

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
 Data File : BF082973.D
 Acq On : 17 Nov 2015 18:38
 Operator : UM/IZ
 Sample : PB86421BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 04:25:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	172313	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	658752	20.00	ng	-0.10
38) Acenaphthene-d10	9.80	164	341894	20.00	ng	-0.09
63) Phenanthrene-d10	11.28	188	631762	20.00	ng	-0.10
75) Chrysene-d12	13.92	240	486132	20.00	ng	-0.10
86) Perylene-d12	15.31	264	469090	20.00	ng	-0.15

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1293475	116.80	ng	-0.08
7) Phenol-d6	6.42	99	1843528	125.22	ng	-0.07
23) Nitrobenzene-d5	7.32	82	1099141	72.60	ng	-0.09
41) 2,4,6-Tribromophenol	10.59	330	405611	103.47	ng	-0.09
44) 2-Fluorobiphenyl	9.13	172	2006424	84.11	ng	-0.09
78) Terphenyl-d14	12.87	244	1756927	85.72	ng	-0.10

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.36	88	187201	39.18	ng	98
3) Pyridine	3.04	79	564943	40.74	ng	95
4) n-Nitrosodimethylamine	2.99	42	258159	37.54	ng	# 69
6) Aniline	6.42	93	276479	13.37	ng	# 9
8) 2-Chlorophenol	6.54	128	476270	38.79	ng	83
9) Benzaldehyde	6.29	77	413575	50.85	ng	95
10) Phenol	6.43	94	745128	44.60	ng	77
11) bis(2-Chloroethyl)ether	6.50	93	543984	43.54	ng	88
12) 1,3-Dichlorobenzene	6.69	146	500564	36.15	ng	92
13) 1,4-Dichlorobenzene	6.77	146	555254	38.54	ng	95
14) 1,2-Dichlorobenzene	6.93	146	479883	36.63	ng	95
15) Benzyl Alcohol	6.91	79	504598	39.03	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	820225	44.76	ng	93
17) 2-Methylphenol	7.04	107	438348	42.15	ng	98
18) Hexachloroethane	7.26	117	196723	38.18	ng	91
19) n-Nitroso-di-n-propylamine	7.18	70	424421	39.22	ng	# 83
20) 3+4-Methylphenols	7.18	107	540624	39.99	ng	# 62
22) Acetophenone	7.17	105	734826	38.93	ng	96
24) Nitrobenzene	7.34	77	652919	42.17	ng	98
25) Isophorone	7.58	82	1070862	38.23	ng	99
26) 2-Nitrophenol	7.66	139	265822	41.13	ng	# 56
27) 2,4-Dimethylphenol	7.71	122	427748	36.84	ng	95
28) bis(2-Chloroethoxy)methane	7.80	93	692742	43.84	ng	98
29) 2,4-Dichlorophenol	7.92	162	427361	40.72	ng	96
30) 1,2,4-Trichlorobenzene	7.98	180	435812	36.93	ng	97
31) Naphthalene	8.06	128	1370973	37.72	ng	99
32) Benzoic acid	7.84	122	257946	32.45	ng	94
33) 4-Chloroaniline	8.11	127	83679	5.34	ng	93
34) Hexachlorobutadiene	8.19	225	278166	37.66	ng	98
35) Caprolactam	8.50	113	104516	31.59	ng	# 65
36) 4-Chloro-3-methylphenol	8.61	107	488097	39.55	ng	91
37) 2-Methylnaphthalene	8.85	142	824492	35.07	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	394995	35.16	ng	98
40) Hexachlorocyclopentadiene	8.92	237	492131	81.53	ng	95

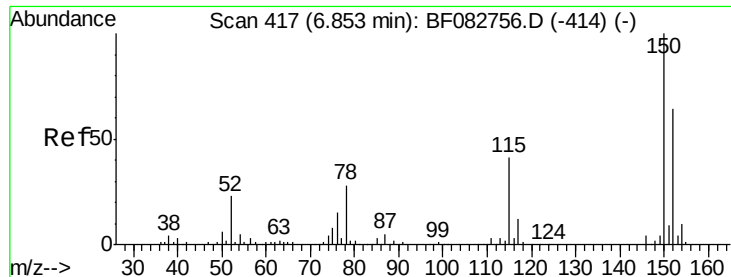
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
 Data File : BF082973.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	321329	38.31	nq	99
43) 2,4,5-Trichlorophenol	9.08	196	320815	38.68	nq	98
45) 1,1'-Biphenyl	9.22	154	1057490	36.05	nq	96
46) 2-Chloronaphthalene	9.24	162	850831	37.18	nq	96
47) 2-Nitroaniline	9.34	65	367861	43.33	nq	# 75
48) Acenaphthylene	9.66	152	1436072	40.04	nq	97
49) Dimethylphthalate	9.53	163	1005520	35.90	nq	100
50) 2,6-Dinitrotoluene	9.58	165	215137	35.99	nq	95
51) Acenaphthene	9.84	154	989254	43.52	nq	98
52) 3-Nitroaniline	9.74	138	52705	8.02	nq	# 96
53) 2,4-Dinitrophenol	9.86	184	220816	67.29	nq	# 27
54) Dibenzofuran	10.01	168	1334619	43.55	nq	# 88
55) 4-Nitrophenol	9.94	139	323650	64.18	nq	# 81
56) 2,4-Dinitrotoluene	10.00	165	357502	44.09	nq	# 75
57) Fluorene	10.35	166	1035229	41.71	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	267693	39.54	nq	# 86
59) Diethylphthalate	10.24	149	1155110	42.23	nq	98
60) 4-Chlorophenyl-phenylether	10.34	204	453429	36.51	nq	# 88
61) 4-Nitroaniline	10.37	138	245631	37.16	nq	# 76
62) Azobenzene	10.50	77	1314033	44.73	nq	94
64) 4,6-Dinitro-2-methylphenol	10.40	198	163549	36.34	nq	# 48
65) n-Nitrosodiphenylamine	10.46	169	959100	42.02	nq	98
66) 4-Bromophenyl-phenylether	10.83	248	322952	42.45	nq	# 91
67) Hexachlorobenzene	10.90	284	348940	41.08	nq	# 60
68) Atrazine	10.99	200	286508	40.60	nq	95
69) Pentachlorophenol	11.09	266	356875	69.19	nq	99
70) Phenanthrene	11.30	178	1378121	37.56	nq	99
71) Anthracene	11.36	178	1638826	42.41	nq	99
72) Carbazole	11.52	167	1398274	41.33	nq	# 95
73) Di-n-butylphthalate	11.85	149	1618672	38.40	nq	99
74) Fluoranthene	12.49	202	1615904	41.04	nq	99
76) Benzidine	12.61	184	812420	49.87	nq	99
77) Pyrene	12.72	202	1710094	51.22	nq	99
79) Butylbenzylphthalate	13.35	149	781555	52.99	nq	93
80) Benzo(a)anthracene	13.91	228	1401836	46.11	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	164529	15.22	nq	# 95
82) Chrysene	13.94	228	1344479	48.29	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	983492	48.72	nq	# 97
84) Di-n-octyl phthalate	14.52	149	1759783	52.26	nq	98
85) Indeno(1,2,3-cd)pyrene	16.65	276	1072366	44.72	nq	# 96
87) Benzo(b)fluoranthene	14.95	252	2269761	75.38	nq	# 97
88) Benzo(k)fluoranthene	14.95	252	2271151	85.03	nq	# 97
89) Benzo(a)pyrene	15.25	252	1049208	40.22	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	904240	40.93	nq	98
91) Benzo(g,h,i)perylene	17.05	276	873333	41.28	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.10 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :

BNA_F

ClientSampleId :

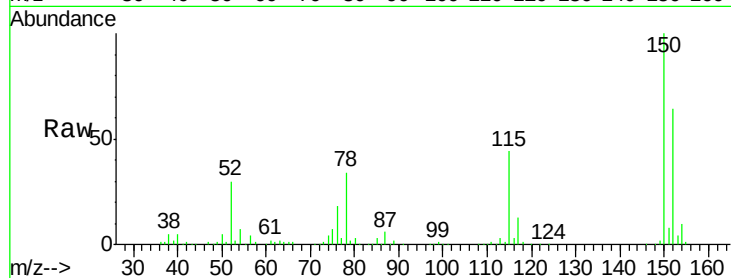
Tot Ion:152 Resp: 172313

Ion Ratio Lower Upper

152 100

150 156.6 127.0 190.4

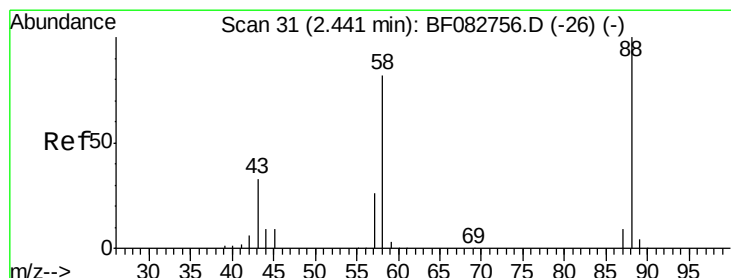
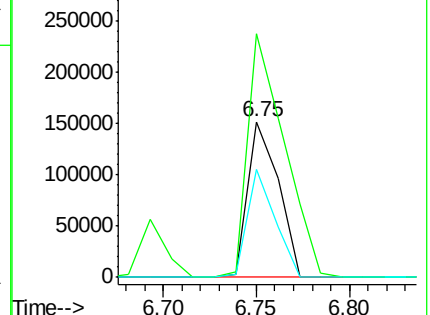
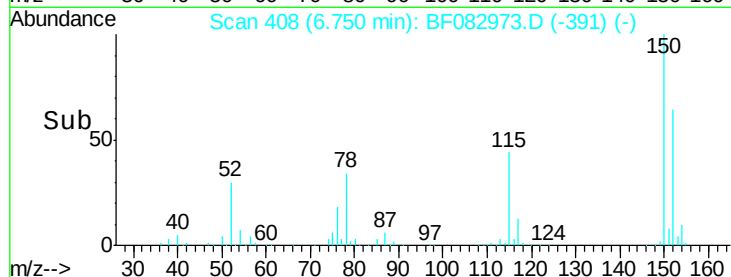
115 69.4 47.0 70.6



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: 39.18 ng

RT: 2.36 min Scan# 24

Delta R.T. -0.08 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

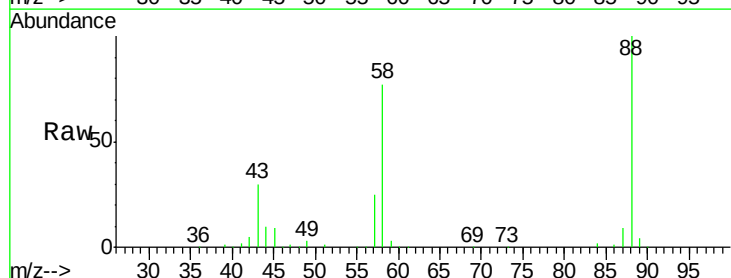
Tgt Ion: 88 Resp: 187201

Ion Ratio Lower Upper

88 100

58 78.3 62.0 93.0

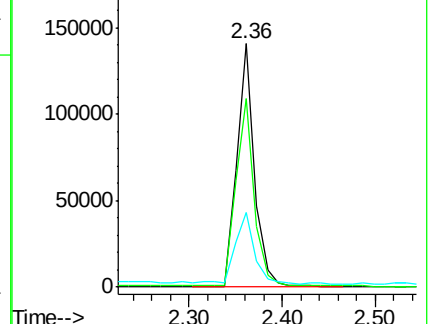
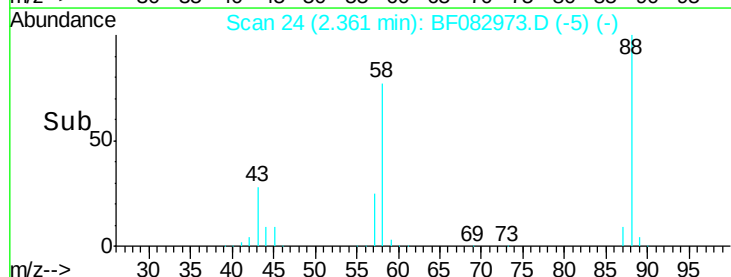
43 31.5 26.6 40.0

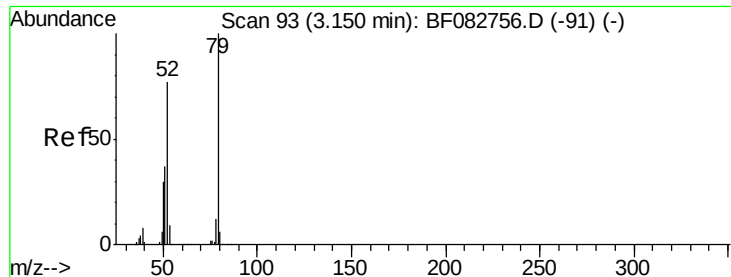


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

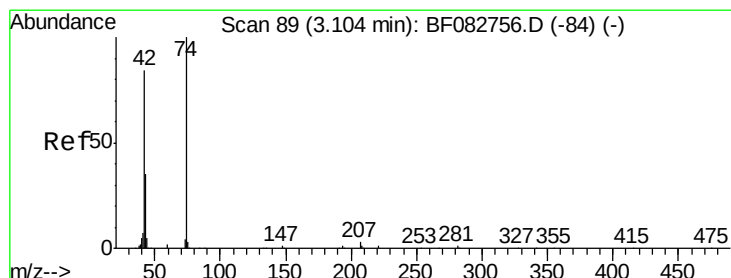
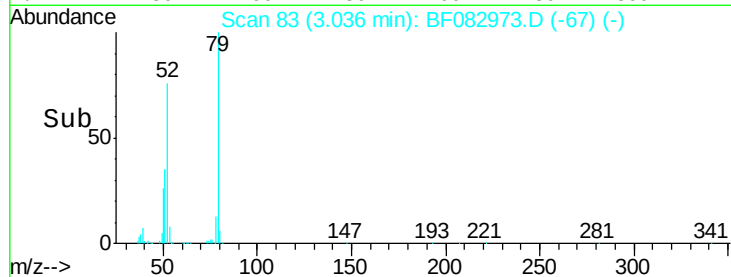
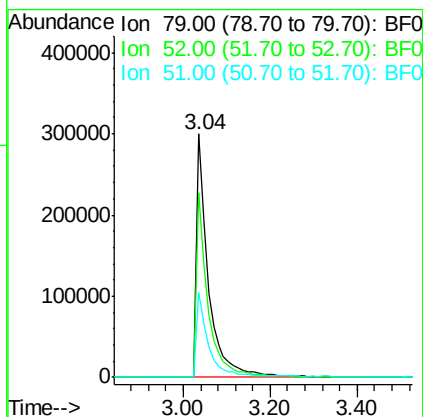
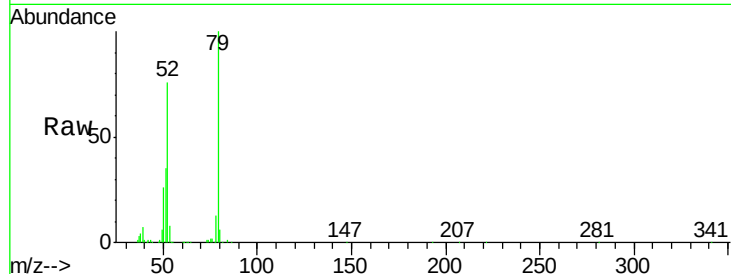




#3
 Pvridine
 Concen: 40.74 ng
 RT: 3.04 min Scan# 83
 Delta R.T. -0.11 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

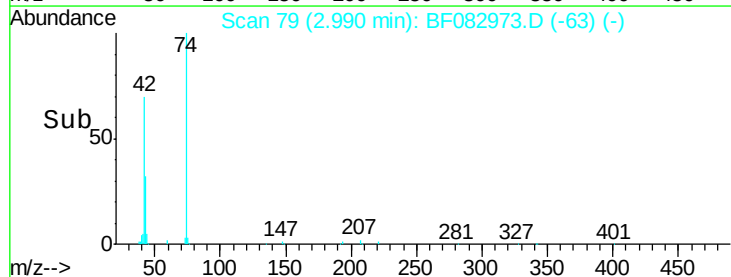
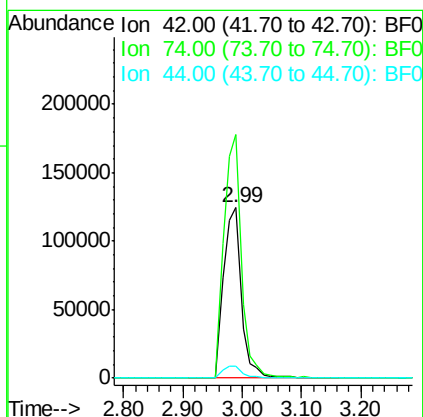
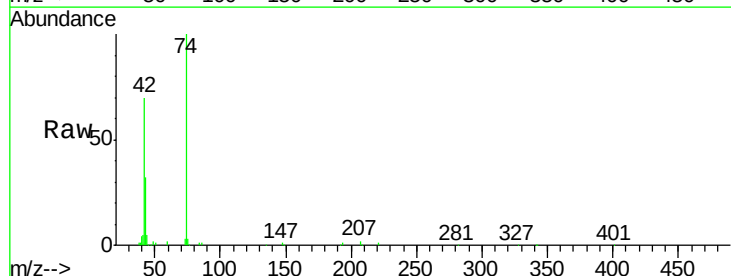
Instrument :
 BNA_F
 ClientSampleId :

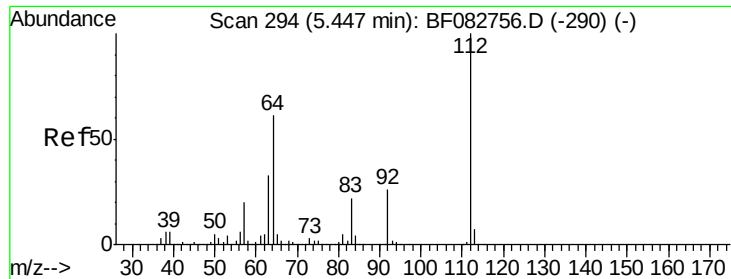
Tot Ion: 79 Resp: 564943
 Ion Ratio Lower Upper
 79 100
 52 75.7 62.8 94.2
 51 35.1 32.0 48.0



#4
 n-Nitrosodimethylamine
 Concen: 37.54 ng
 RT: 2.99 min Scan# 79
 Delta R.T. -0.11 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Tgt Ion: 42 Resp: 258159
 Ion Ratio Lower Upper
 42 100
 74 143.1 87.0 130.4#
 44 7.2 5.8 8.8





#5

2-Fluorophenol

Concen: 116.80 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.08 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :
BNA_F
ClientSampleId :

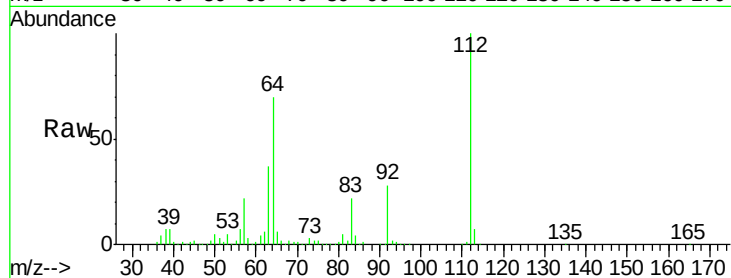
Tot Ion:112 Resp: 1293475

Ion Ratio Lower Upper

112 100

64 70.1 48.9 73.3

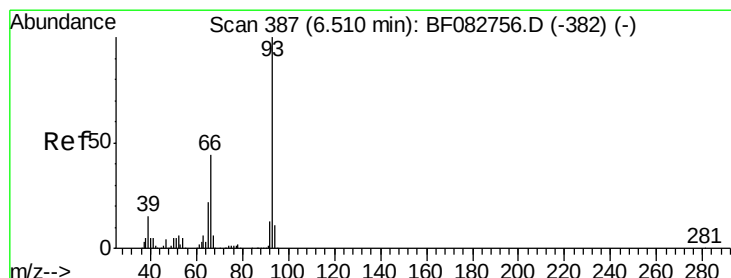
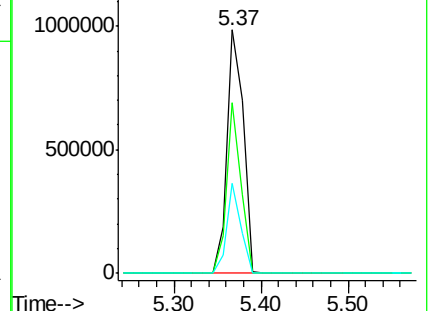
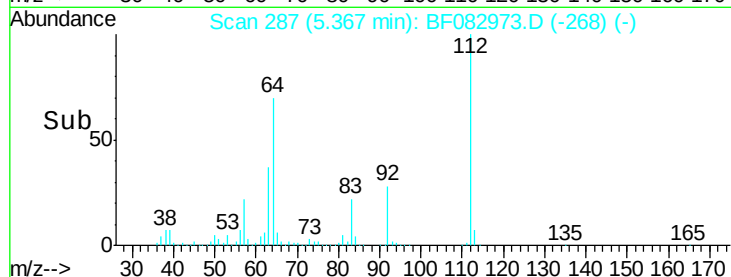
63 36.8 28.1 42.1



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: 13.37 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.09 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

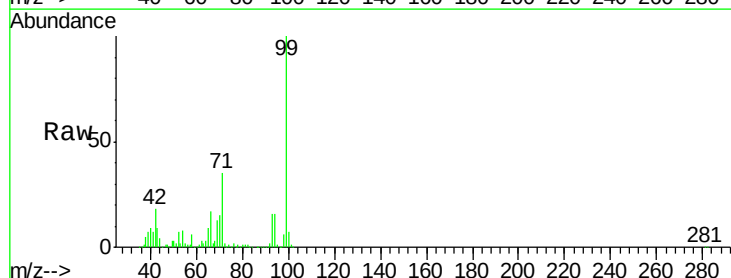
Tgt Ion: 93 Resp: 276479

Ion Ratio Lower Upper

93 100

66 106.4 33.6 50.4#

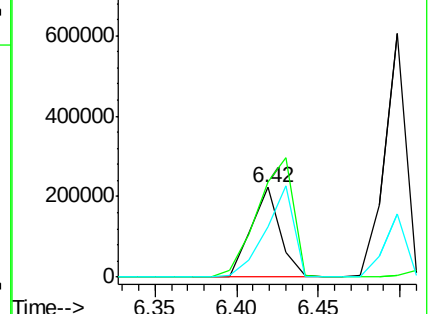
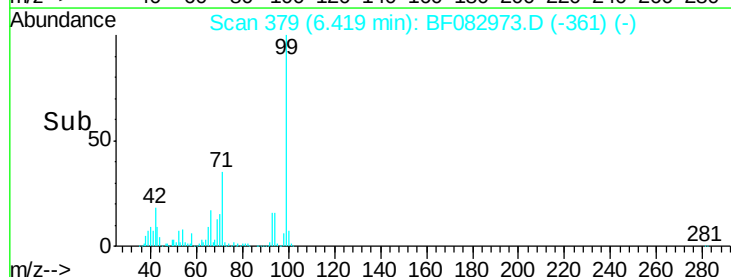
65 56.7 18.1 27.1#

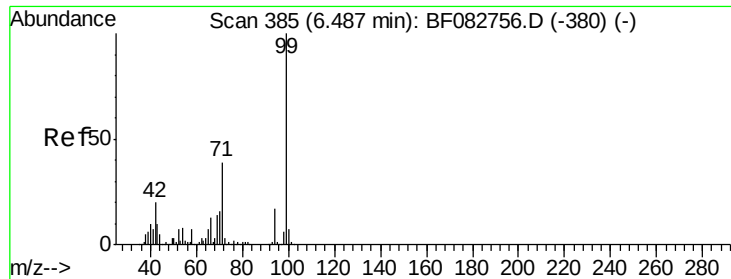


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.22 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.07 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :

BNA_F

ClientSampleId :

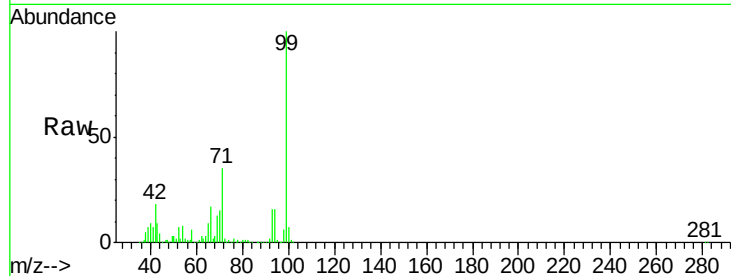
Tot Ion: 99 Resp: 1843528

Ion Ratio Lower Upper

99 100

42 18.0 19.2 28.8#

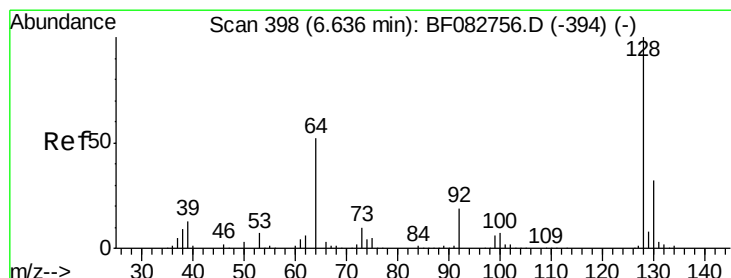
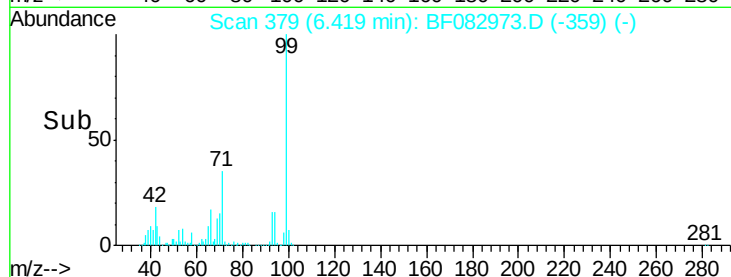
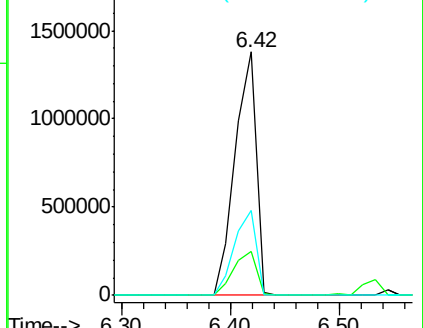
71 34.7 35.0 52.4#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.79 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.09 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

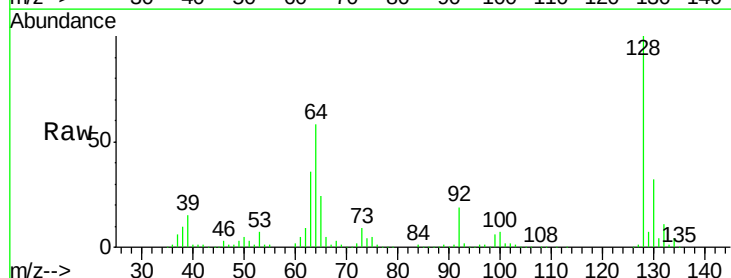
Tgt Ion:128 Resp: 476270

Ion Ratio Lower Upper

128 100

130 31.6 13.5 53.5

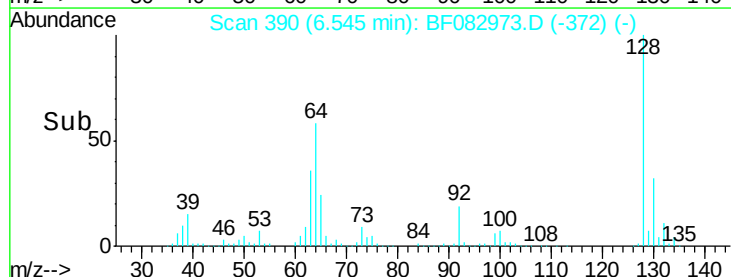
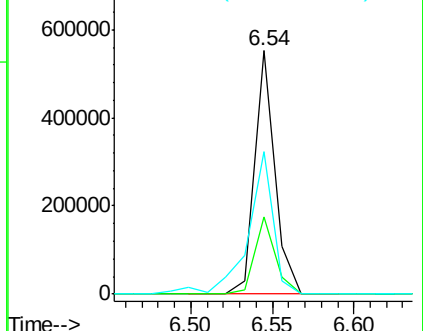
64 58.4 21.1 61.1

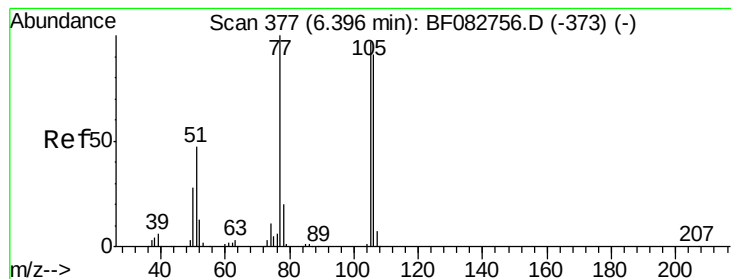


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 50.85 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.10 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :

BNA_F

ClientSampleId :

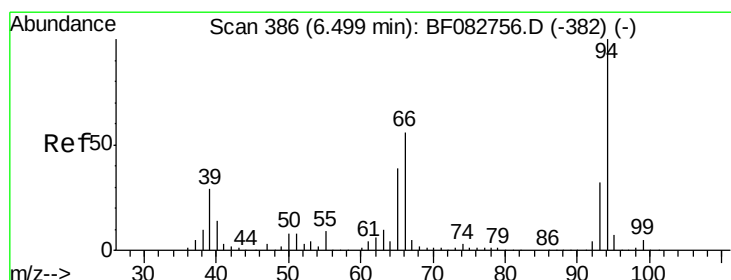
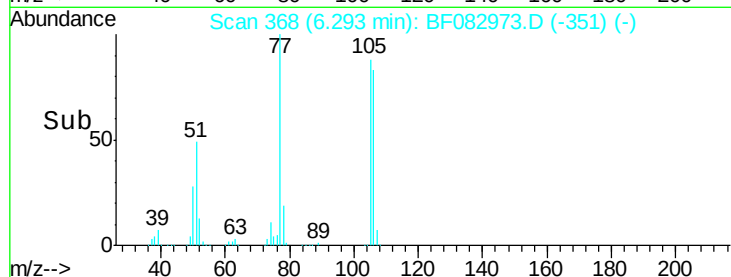
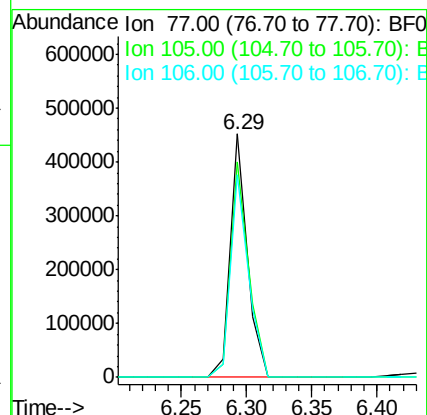
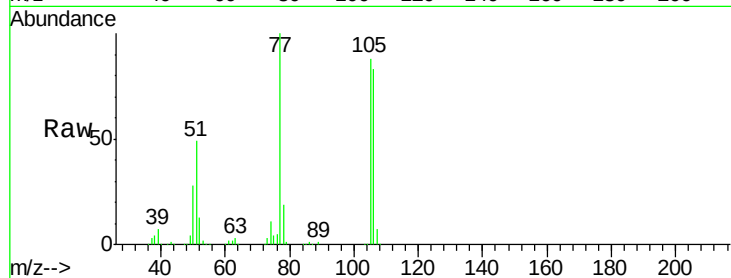
Tot Ion: 77 Resp: 413575

Ion Ratio Lower Upper

77 100

105 88.3 63.5 103.5

106 83.0 59.3 99.3



#10

Phenol

Concen: 44.60 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.07 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

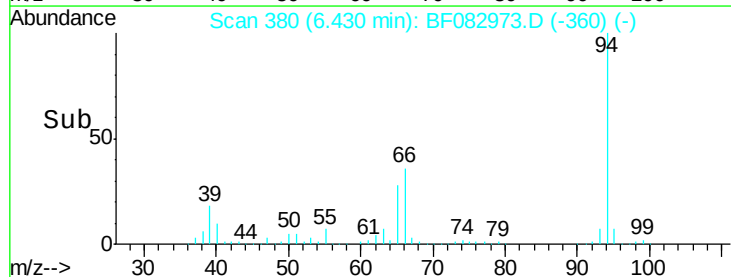
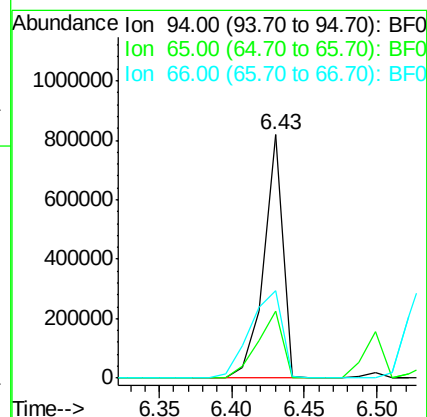
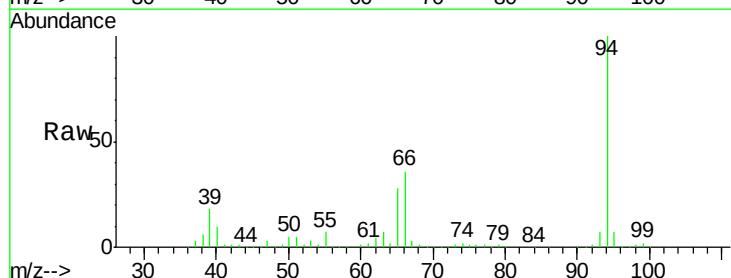
Tgt Ion: 94 Resp: 745128

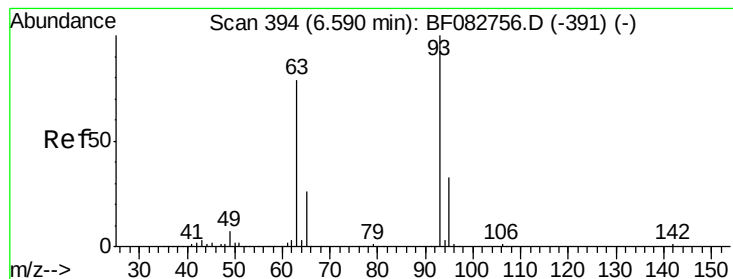
Ion Ratio Lower Upper

94 100

65 27.7 18.9 58.9

66 36.2 34.9 74.9

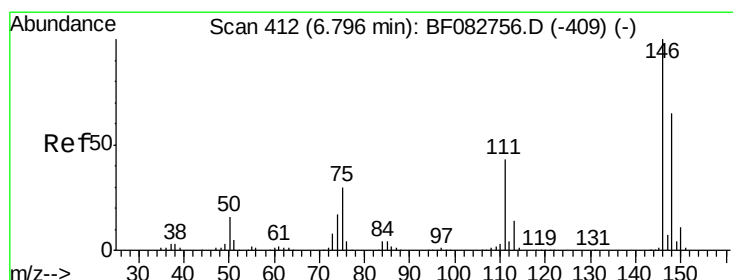
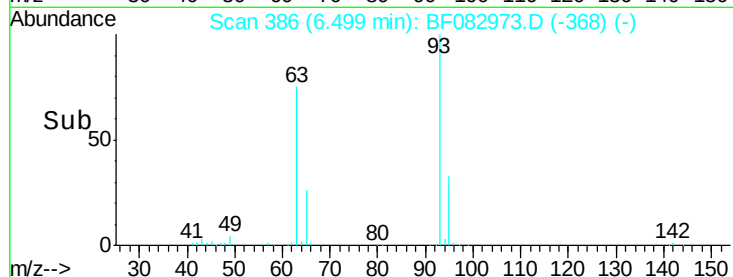
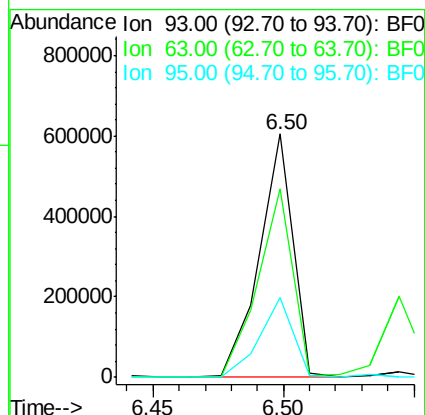
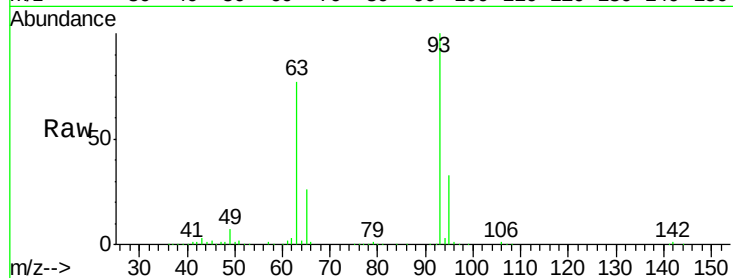




#11
bis(2-Chloroethyl)ether
Concen: 43.54 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.09 min
Lab File: BF082973.D
Acq: 17 Nov 2015 18:38

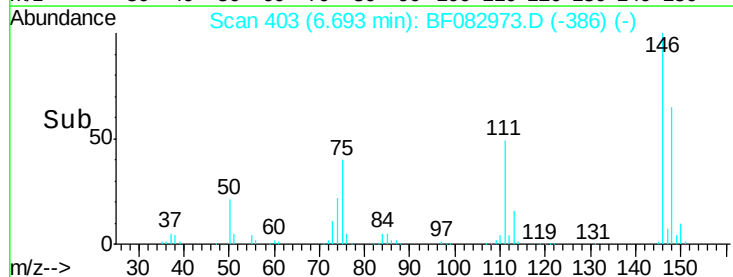
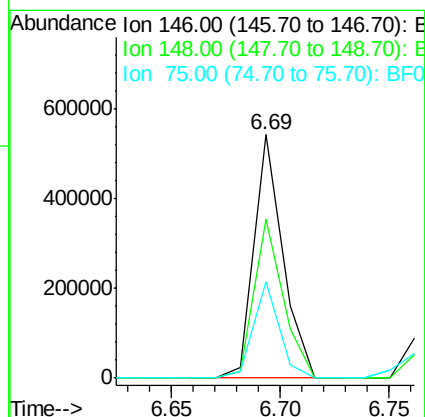
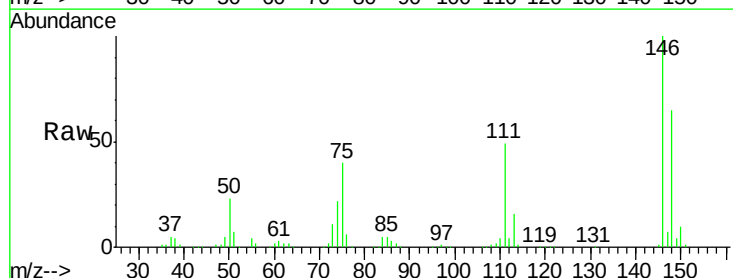
Instrument :
BNA_F
ClientSampleId :

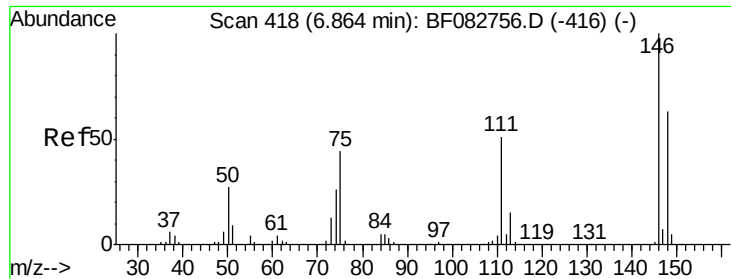
Tot Ion: 93 Resp: 543984
Ion Ratio Lower Upper
93 100
63 77.2 72.7 112.7
95 32.9 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 36.15 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.10 min
Lab File: BF082973.D
Acq: 17 Nov 2015 18:38

Tgt Ion: 146 Resp: 500564
Ion Ratio Lower Upper
146 100
148 65.2 50.5 75.7
75 39.9 39.5 59.3

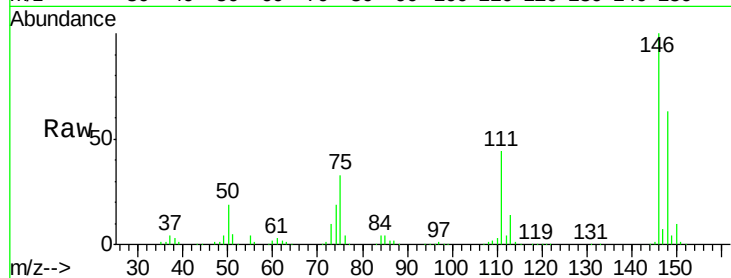




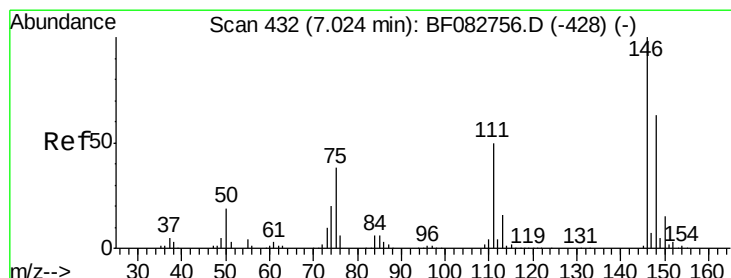
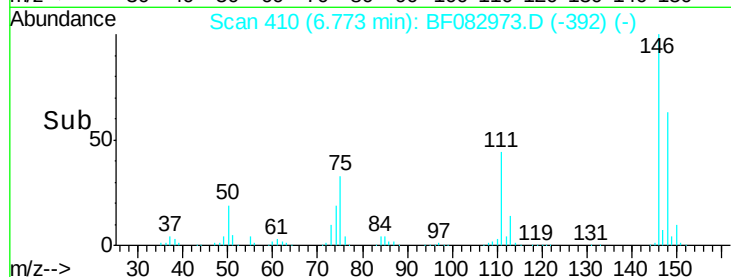
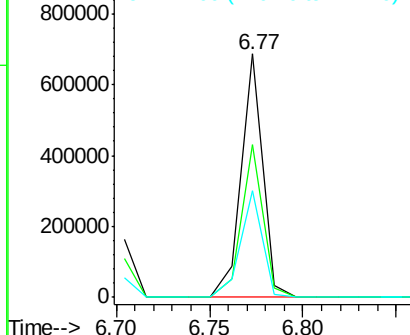
#13
 1,4-Dichlorobenzene
 Concen: 38.54 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.09 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 555254
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.8 76.2
 111 43.9 40.6 60.8

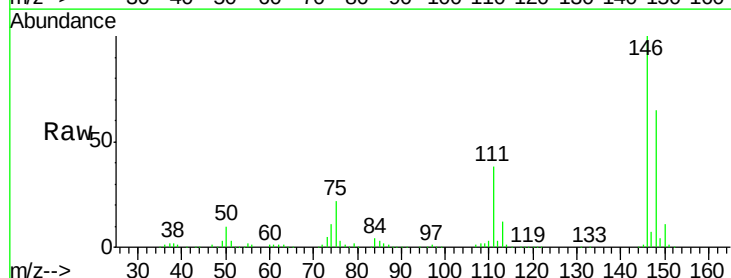


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

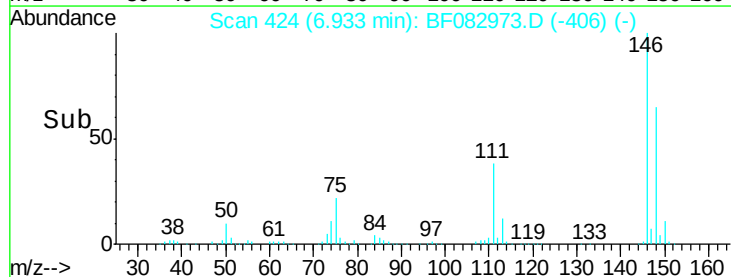
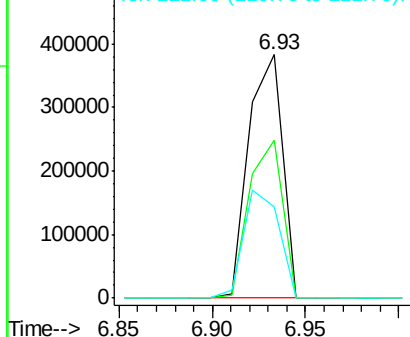


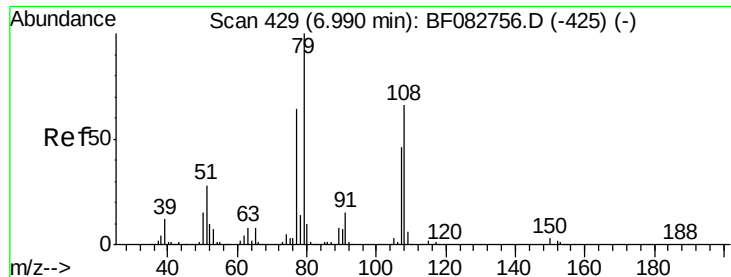
#14
 1,2-Dichlorobenzene
 Concen: 36.63 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.09 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Tgt Ion:146 Resp: 479883
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.4
 111 37.7 36.6 55.0



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: 39.03 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.08 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :

BNA_F

ClientSampled :

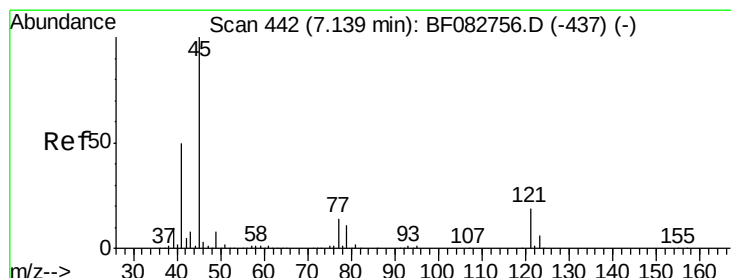
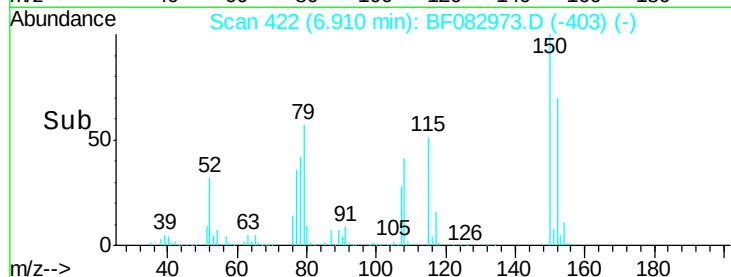
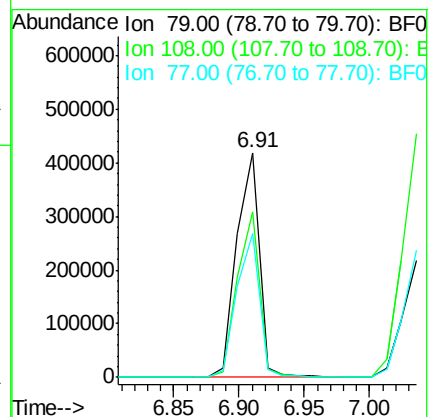
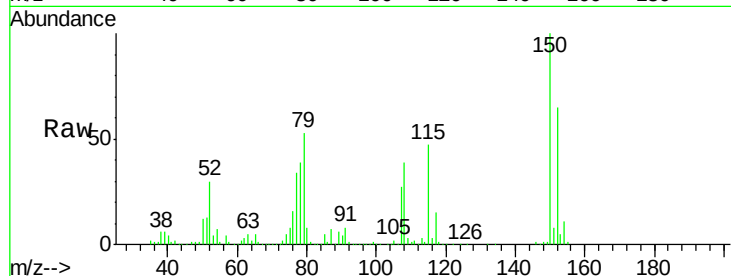
Tot Ion: 79 Resp: 504598

Ion Ratio Lower Upper

79 100

108 73.3 52.2 78.4

77 63.6 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.76 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.09 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

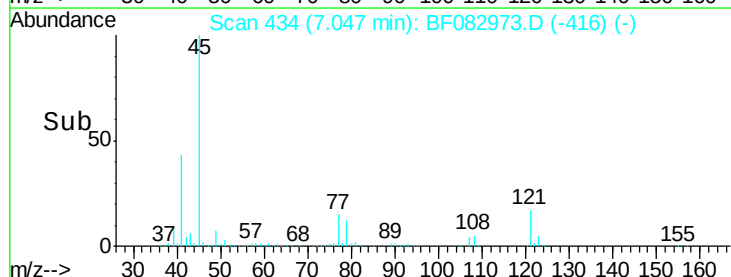
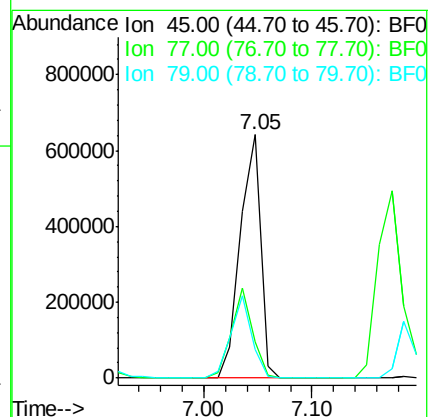
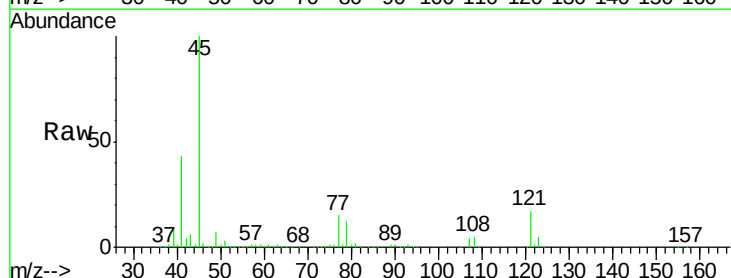
Tgt Ion: 45 Resp: 820225

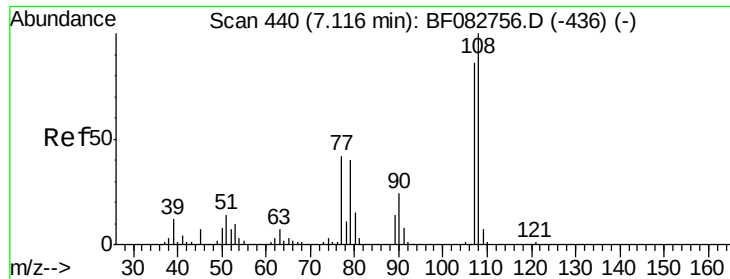
Ion Ratio Lower Upper

45 100

77 15.0 0.0 32.6

79 11.9 0.0 29.2

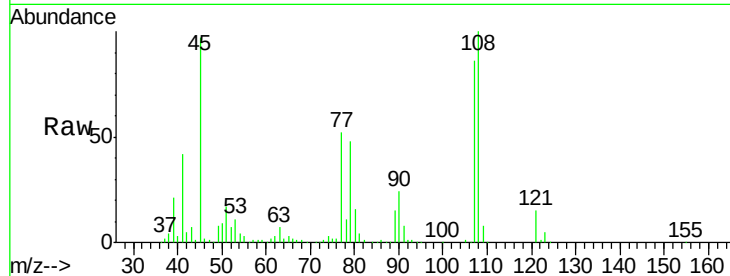




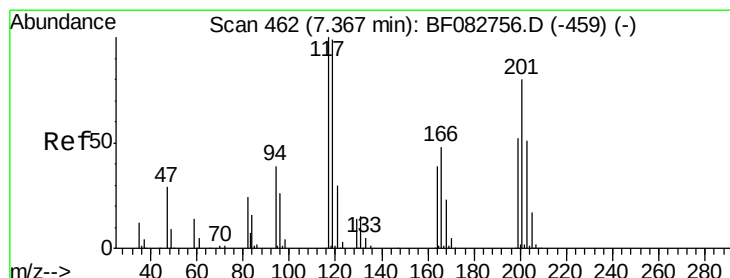
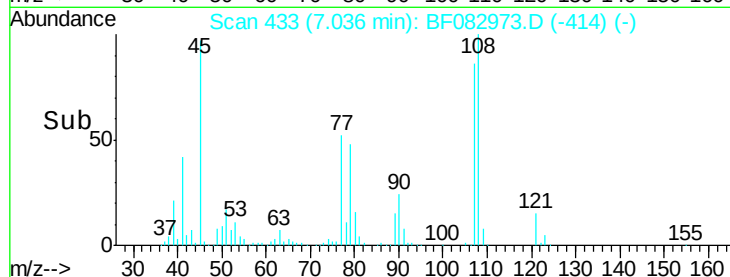
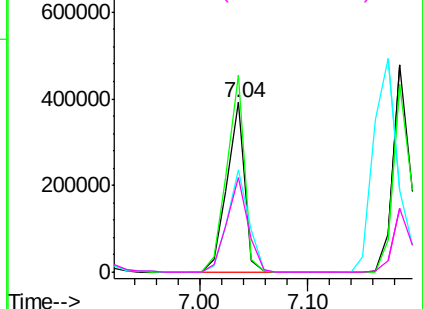
#17
2-Methylphenol
Concen: 42.15 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.08 min
Lab File: BF082973.D
Acq: 17 Nov 2015 18:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 438348
Ion Ratio Lower Upper
107 100
108 115.8 93.0 139.4
77 60.5 44.1 66.1
79 55.6 43.6 65.4

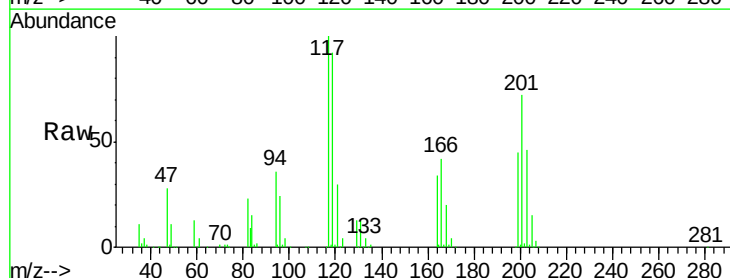


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

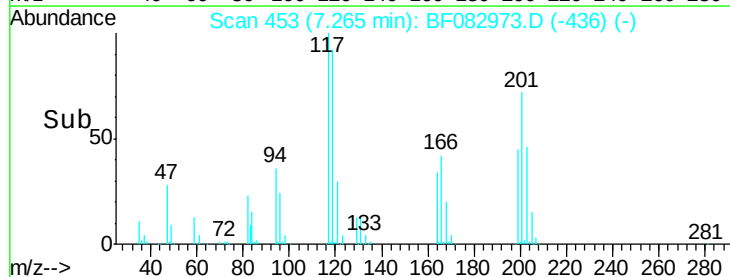
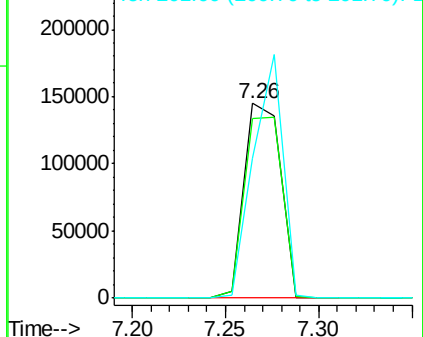


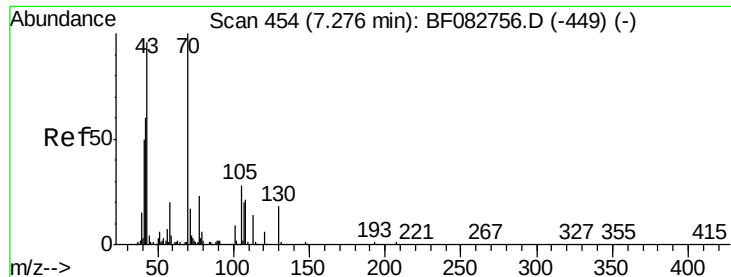
#18
Hexachloroethane
Concen: 38.18 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.10 min
Lab File: BF082973.D
Acq: 17 Nov 2015 18:38

Tgt Ion:117 Resp: 196723
Ion Ratio Lower Upper
117 100
119 92.3 77.7 116.5
201 71.7 66.7 100.1



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

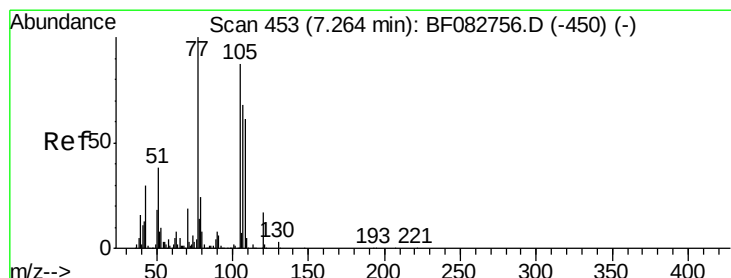
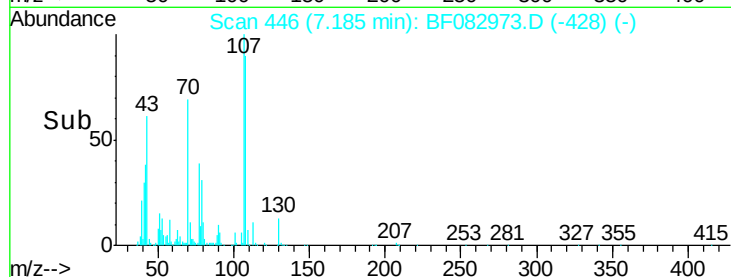
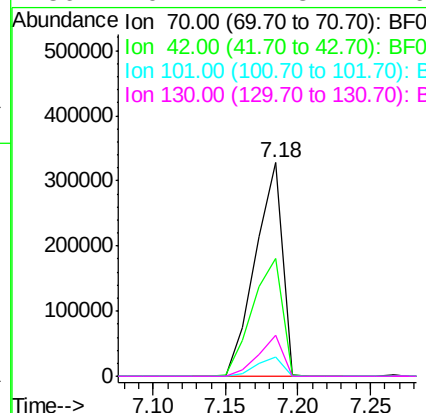
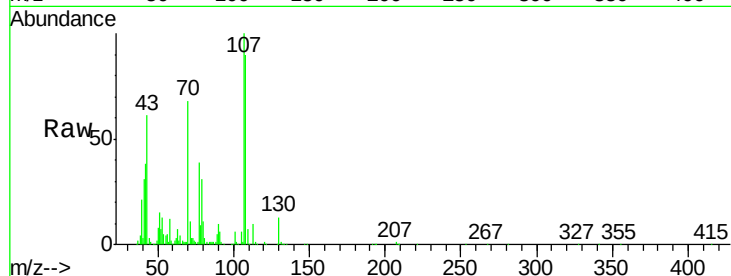




#19
n-Nitroso-di-n-propylamine
Concen: 39.22 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.09 min
Lab File: BF082973.D
Acq: 17 Nov 2015 18:38

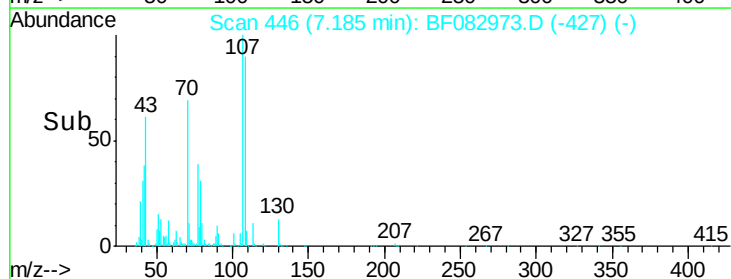
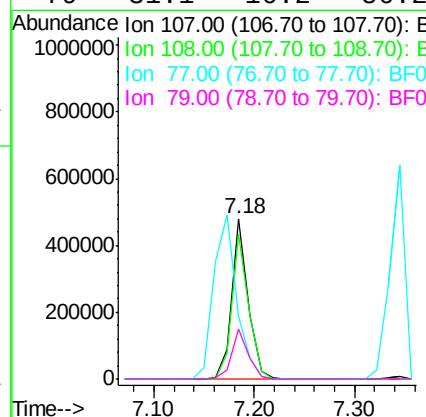
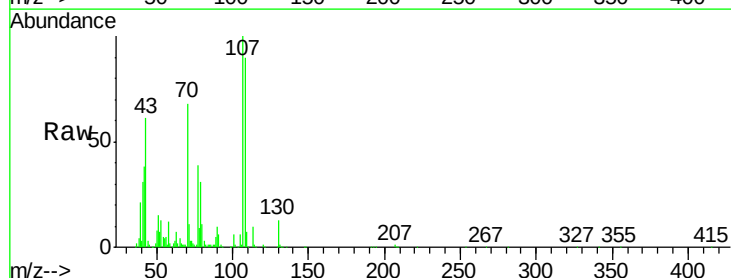
Instrument :
BNA_F
ClientSampleId :

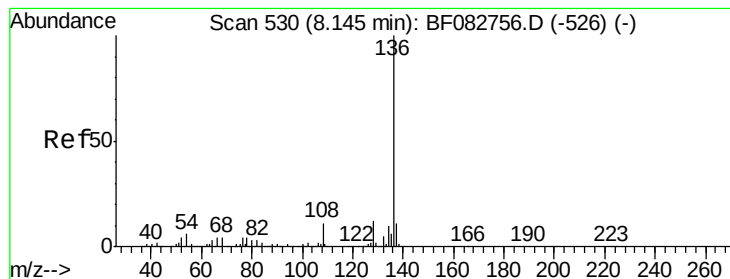
Tot Ion: 70 Resp: 424421
Ion Ratio Lower Upper
70 100
42 55.0 57.7 86.5#
101 8.9 7.0 10.6
130 19.1 11.8 17.6#



#20
3+4-Methylphenols
Concen: 39.99 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.08 min
Lab File: BF082973.D
Acq: 17 Nov 2015 18:38

Tgt Ion:107 Resp: 540624
Ion Ratio Lower Upper
107 100
108 90.3 67.3 107.3
77 39.4 100.3 140.3#
79 31.1 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.10 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 658752

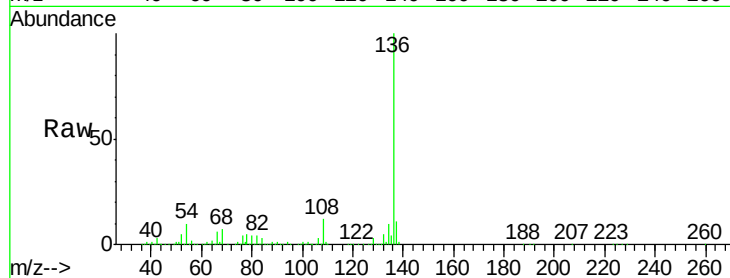
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.7 9.1 13.7

68 6.7 4.8 7.2

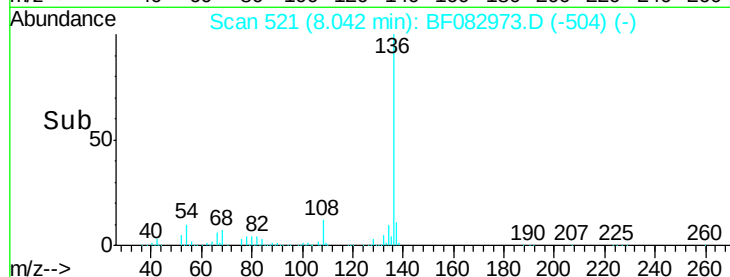


Abundance Ion 136.00 (135.70 to 136.70): E

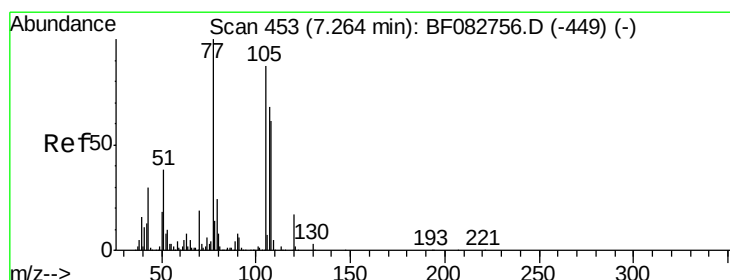
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.93 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.09 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Tgt Ion:105 Resp: 734826

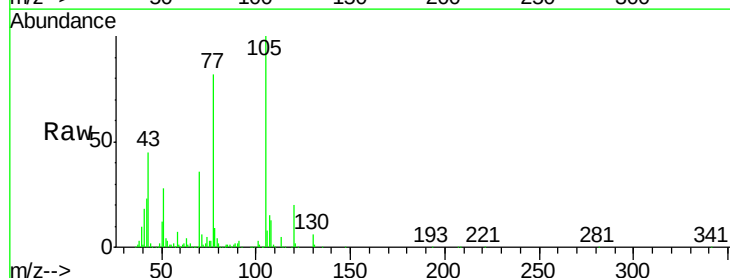
Ion Ratio Lower Upper

105 100

71 5.9 5.6 8.4

51 28.1 24.9 37.3

120 20.5 15.8 23.8

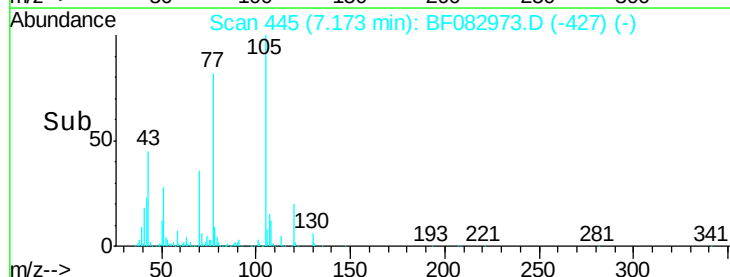


Abundance Ion 105.00 (104.70 to 105.70): E

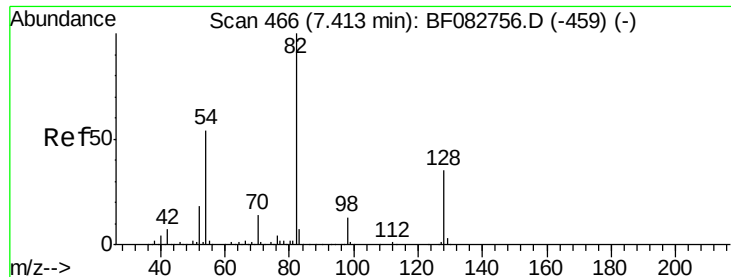
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



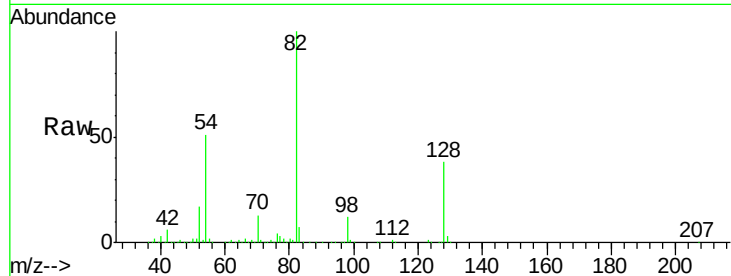
Time-->



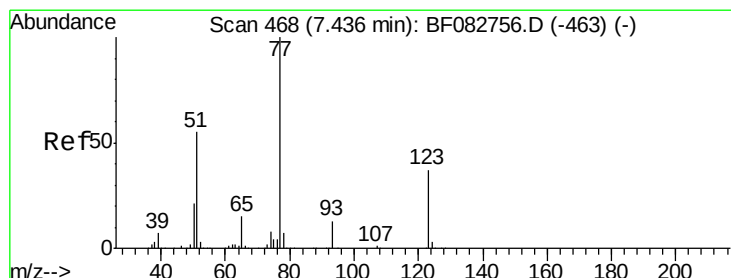
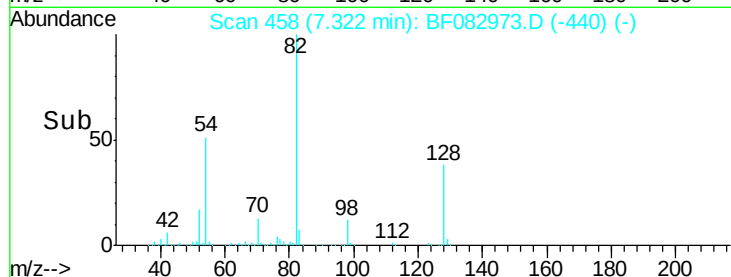
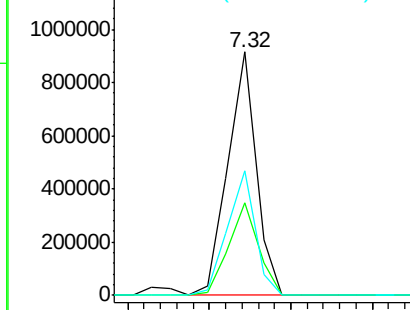
#23
 Nitrobenzene-d5
 Concen: 72.60 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1099141
 Ion Ratio Lower Upper
 82 100
 128 38.0 26.8 40.2
 54 51.3 45.7 68.5

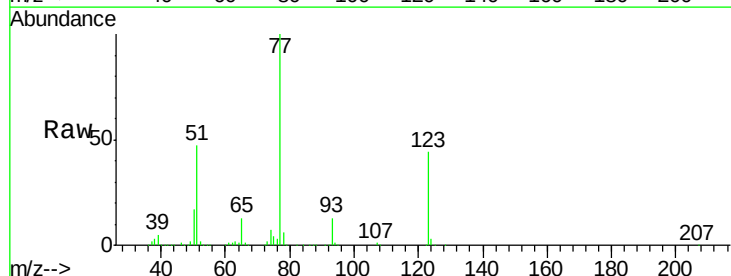


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

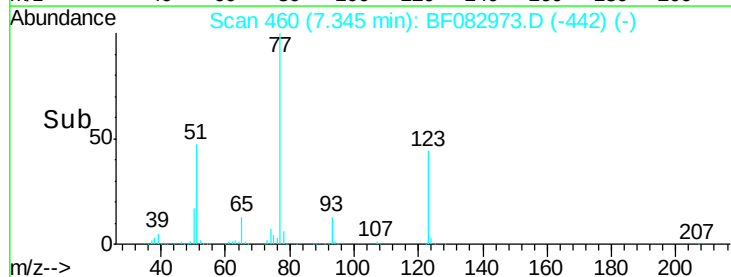
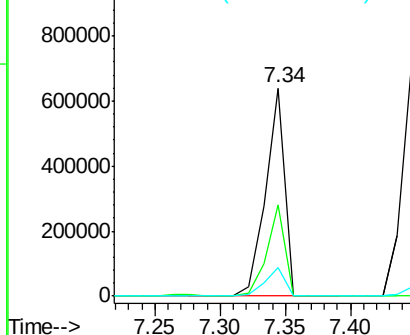


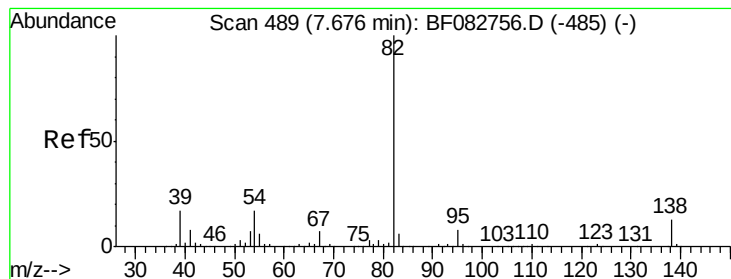
#24
 Nitrobenzene
 Concen: 42.17 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.09 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Tgt Ion: 77 Resp: 652919
 Ion Ratio Lower Upper
 77 100
 123 44.2 36.4 54.6
 65 13.5 11.5 17.3



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: 38.23 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.09 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :

BNA_F

ClientSampleId :

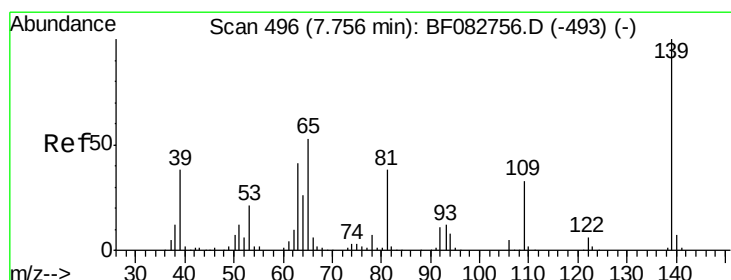
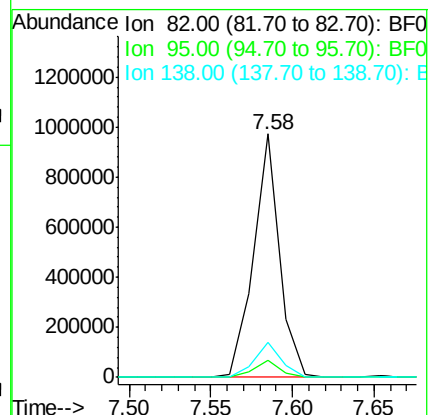
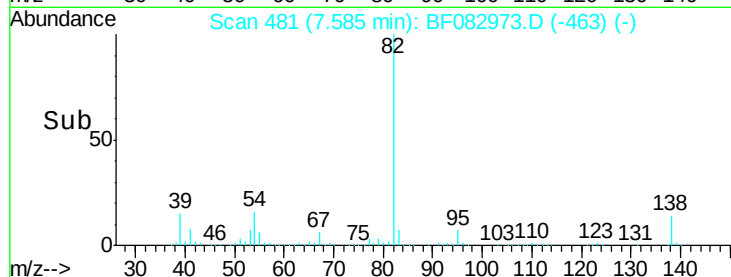
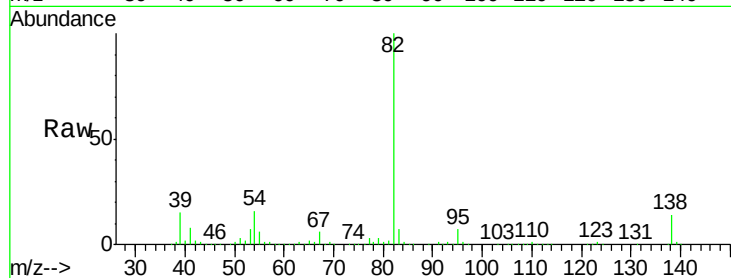
Tot Ion: 82 Resp: 1070862

Ion Ratio Lower Upper

82 100

95 7.3 6.6 9.8

138 14.4 11.4 17.0



#26

2-Nitrophenol

Concen: 41.13 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.09 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

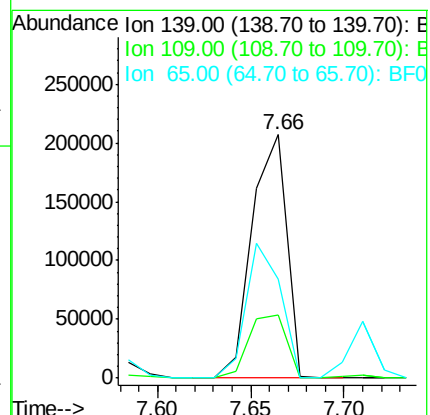
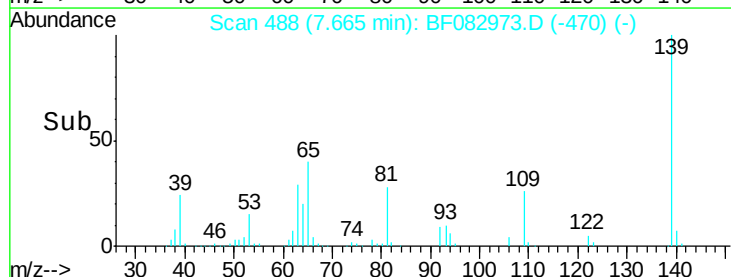
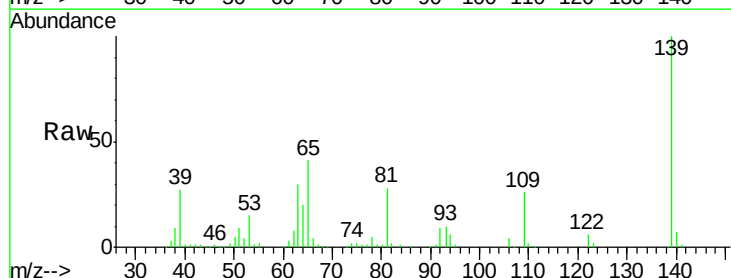
Tgt Ion: 139 Resp: 265822

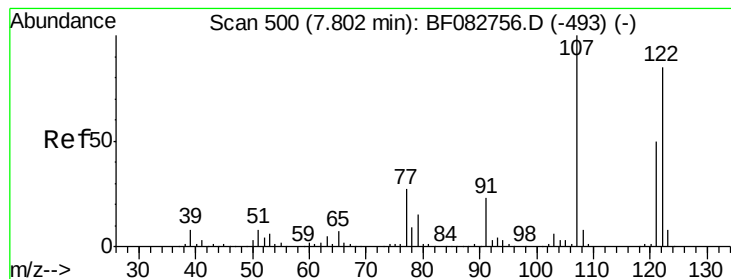
Ion Ratio Lower Upper

139 100

109 26.1 37.6 56.4#

65 40.6 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 36.84 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.09 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :

BNA_F

ClientSampleId :

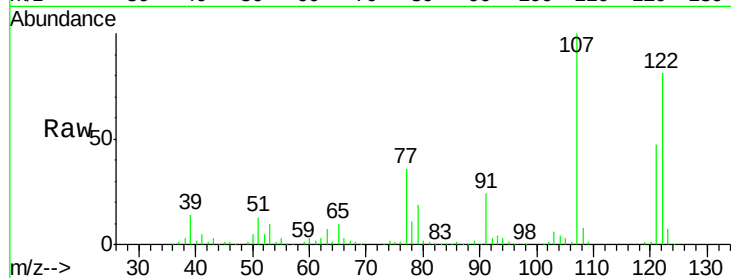
Tot Ion:122 Resp: 427748

Ion Ratio Lower Upper

122 100

107 123.6 106.0 159.0

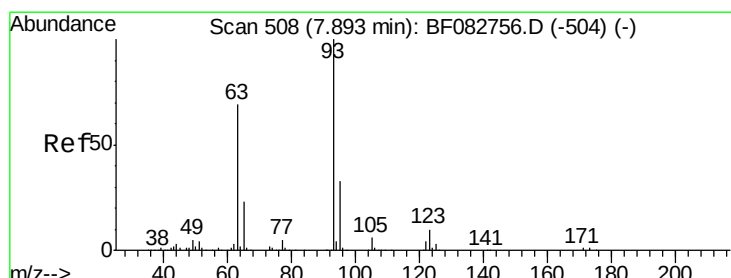
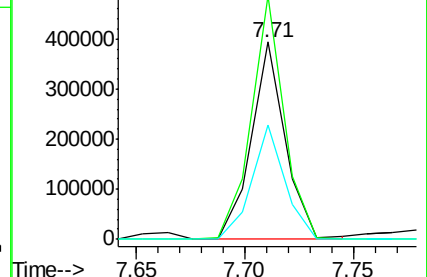
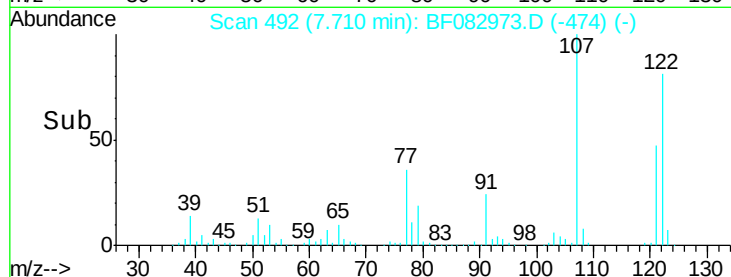
121 58.2 46.7 70.1



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: 43.84 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.09 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

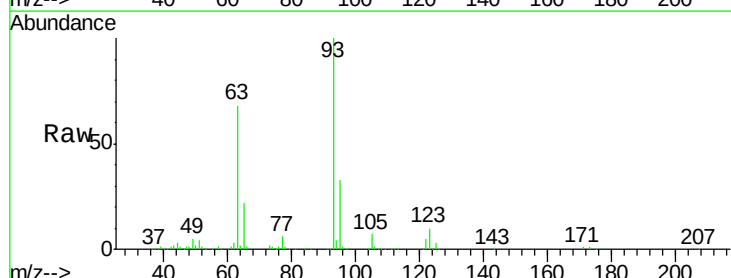
Tgt Ion: 93 Resp: 692742

Ion Ratio Lower Upper

93 100

95 32.8 26.6 40.0

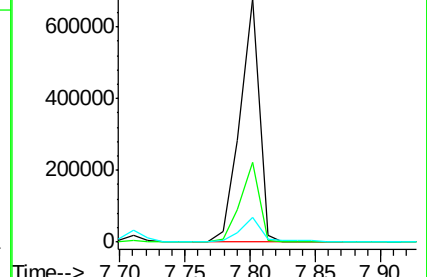
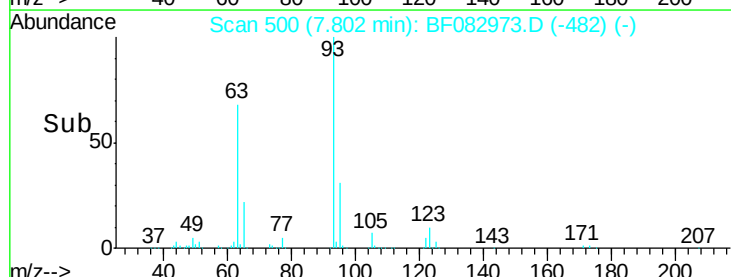
123 10.3 9.7 14.5

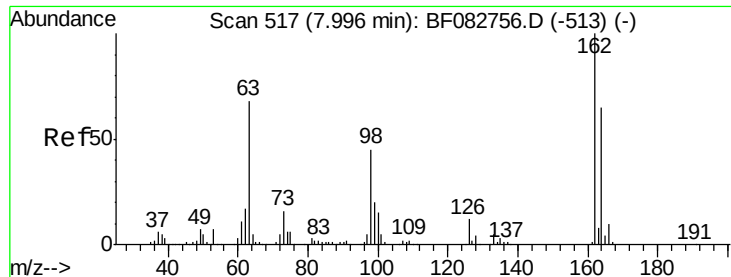


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

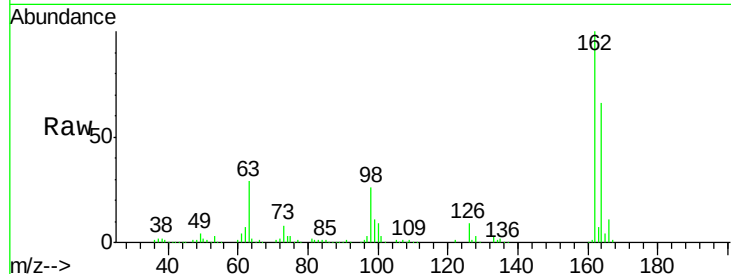




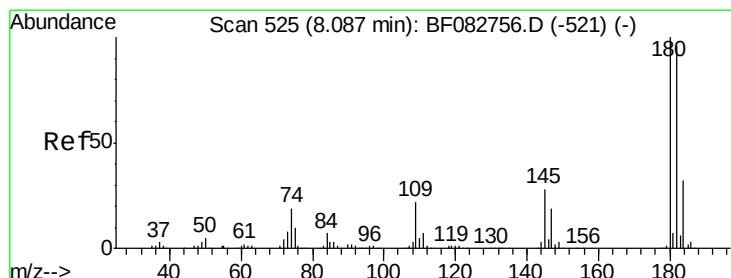
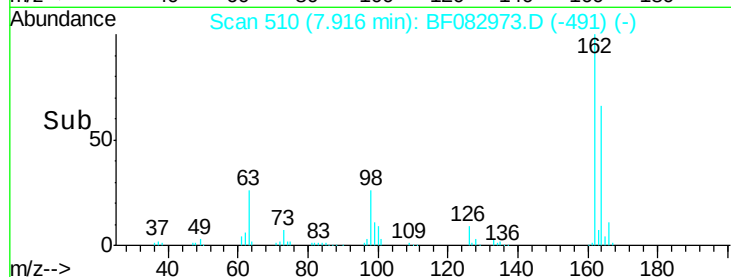
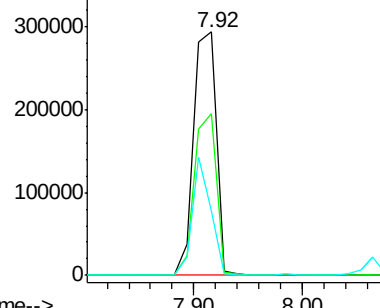
#29
2,4-Dichlorophenol
Concen: 40.72 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.08 min
Lab File: BF082973.D
Acq: 17 Nov 2015 18:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	46.8	86.8
98	26.4	12.5	52.5

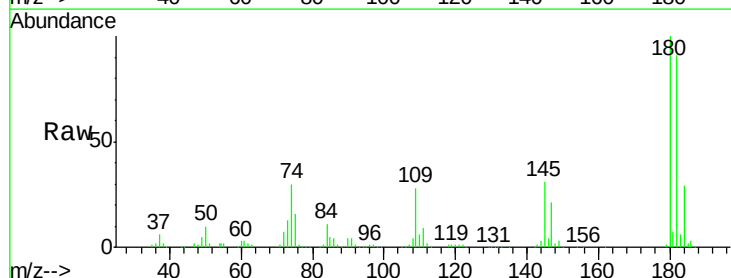


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

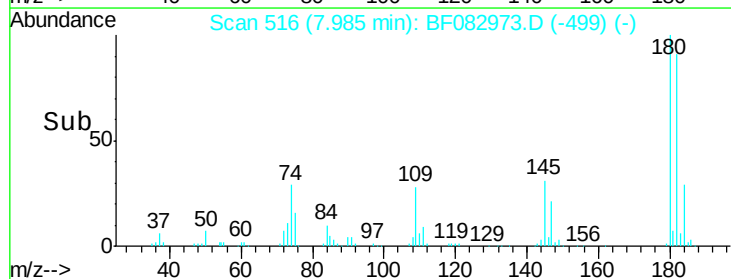
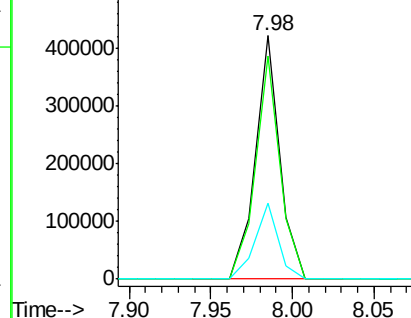


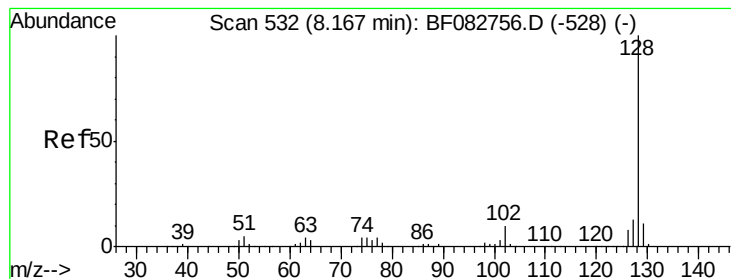
#30
1,2,4-Trichlorobenzene
Concen: 36.93 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.10 min
Lab File: BF082973.D
Acq: 17 Nov 2015 18:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.4	74.9	112.3
145	31.2	27.8	41.8



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





#31

Naphthalene

Concen: 37.72 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.10 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :

BNA_F

ClientSampleId :

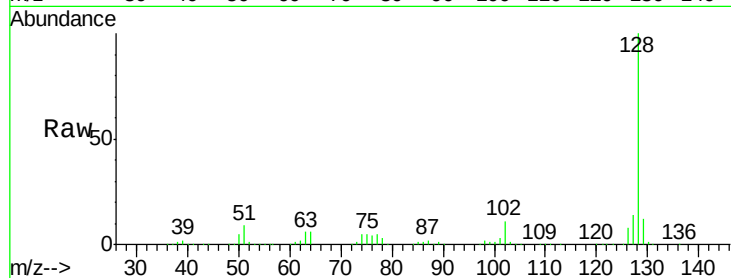
Tot Ion:128 Resp: 1370973

Ion Ratio Lower Upper

128 100

129 12.1 9.5 14.3

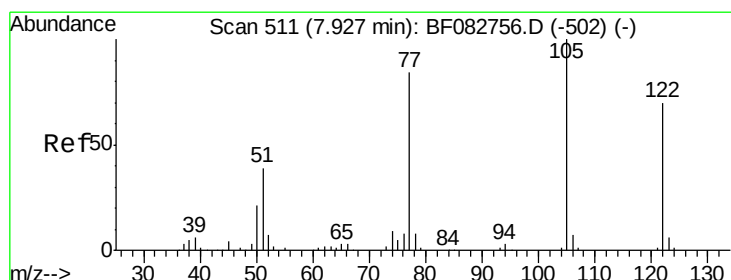
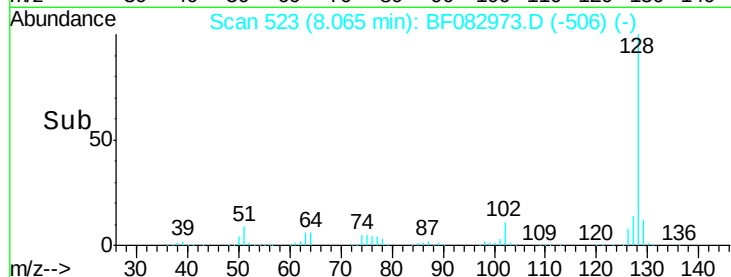
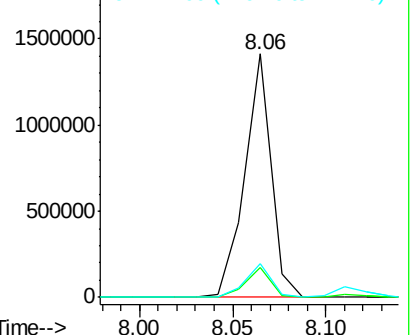
127 13.8 11.4 17.0



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: 32.45 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.09 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

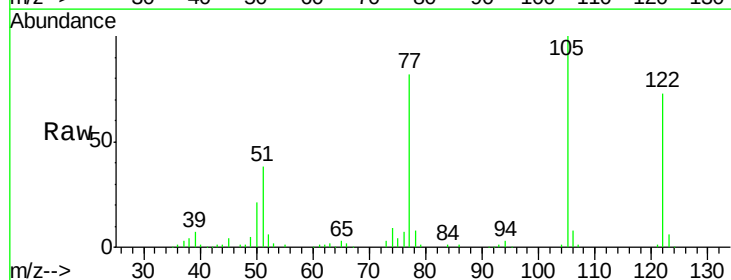
Tgt Ion:122 Resp: 257946

Ion Ratio Lower Upper

122 100

105 136.5 122.6 162.6

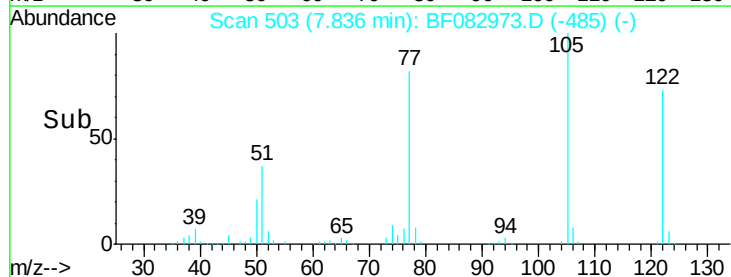
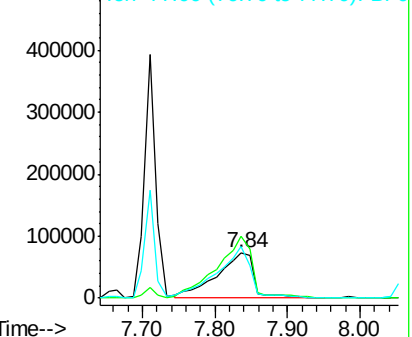
77 111.9 100.9 140.9

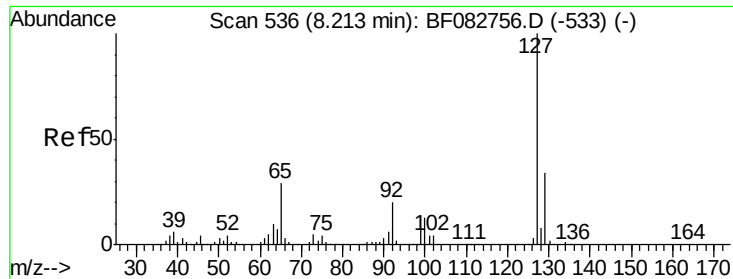


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

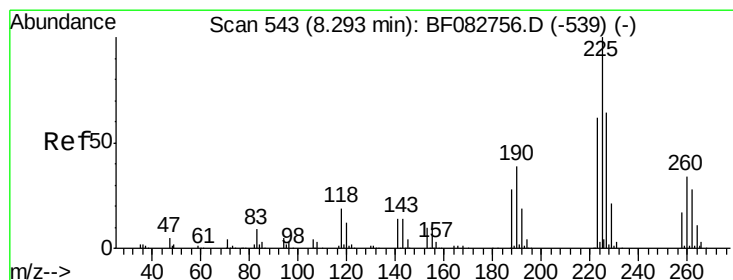
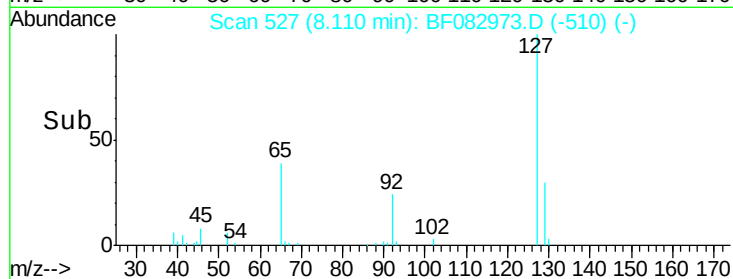
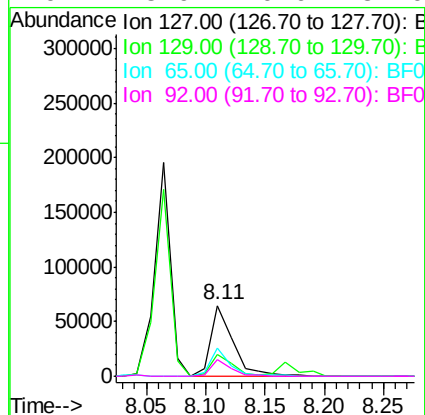
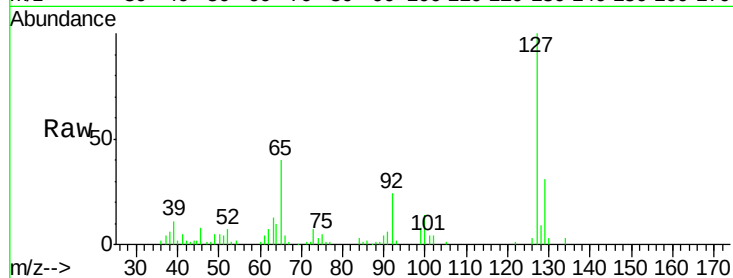




#33
 4-Chloroaniline
 Concen: 5.34 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.10 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

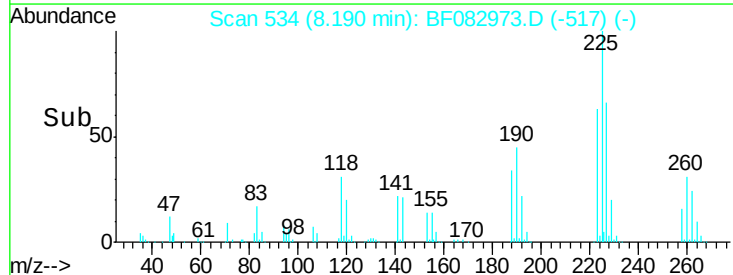
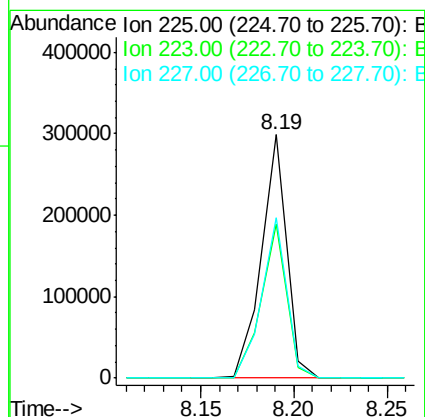
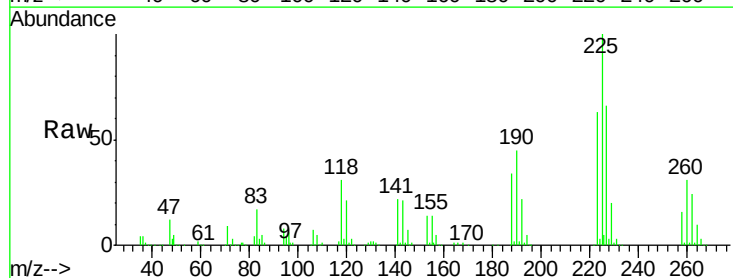
Instrument :
 BNA_F
 ClientSampled :

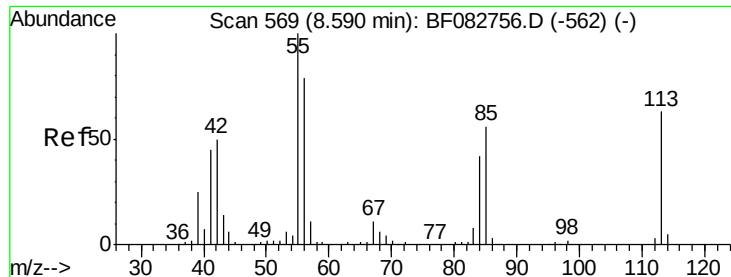
Tot Ion:	127	Resp:	83679
Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.3	39.5
65	39.6	37.8	56.8
92	23.9	20.6	31.0



#34
 Hexachlorobutadiene
 Concen: 37.66 ng
 RT: 8.19 min Scan# 534
 Delta R.T. -0.10 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Tgt Ion:	225	Resp:	278166
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.5	75.7
227	65.6	50.2	75.2





#35

Caprolactam

Concen: 31.59 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.09 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :

BNA_F

ClientSampled :

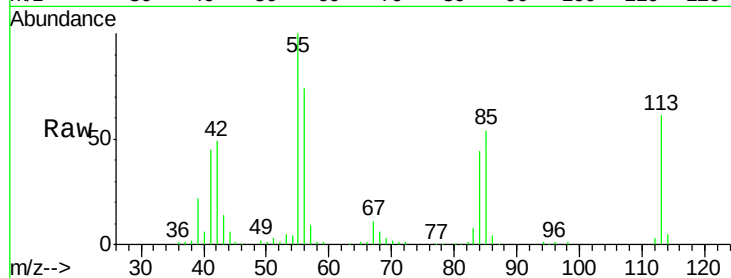
Tot Ion:113 Resp: 104516

Ion Ratio Lower Upper

113 100

55 163.7 195.5 235.5#

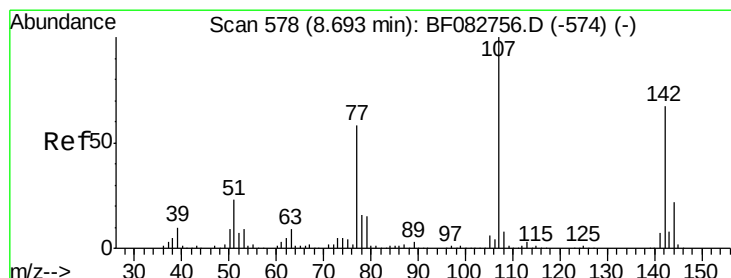
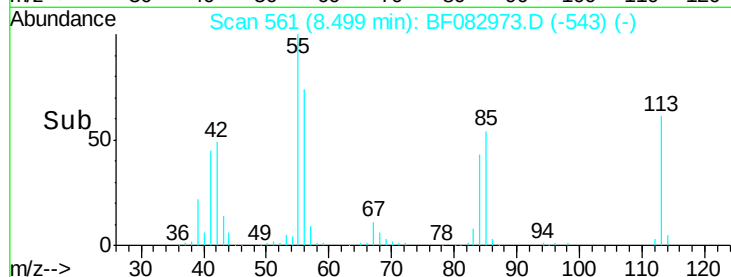
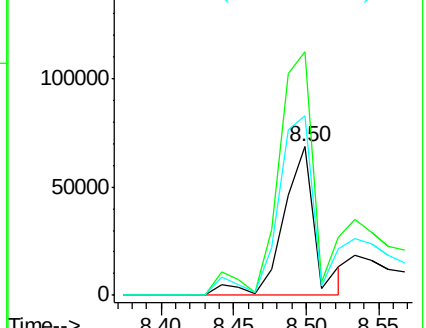
56 120.8 153.5 193.5#



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: 39.55 ng

RT: 8.61 min Scan# 571

Delta R.T. -0.08 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

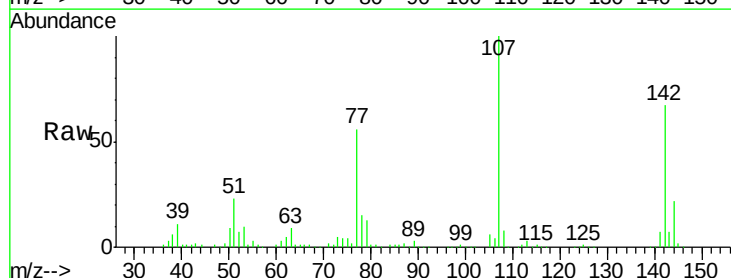
Tgt Ion:107 Resp: 488097

Ion Ratio Lower Upper

107 100

144 22.0 15.4 23.0

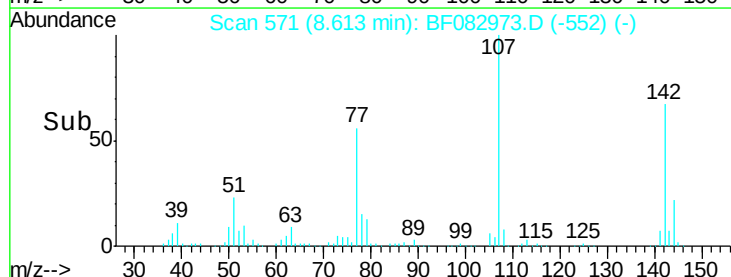
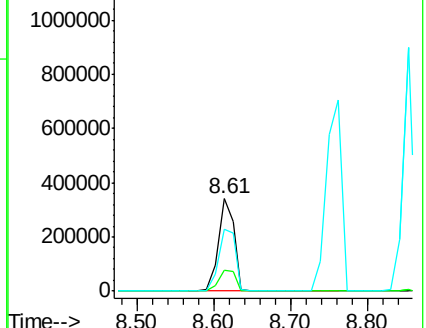
142 67.0 47.8 71.8

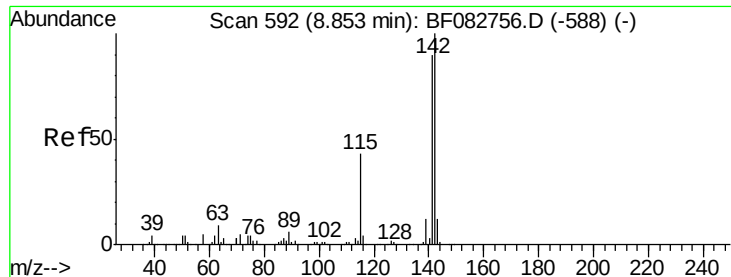


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.07 ng

RT: 8.85 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :

BNA_F

ClientSampled :

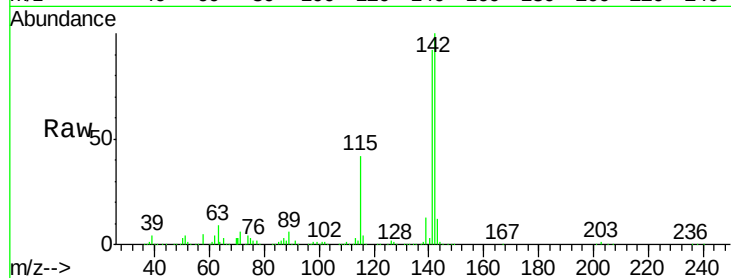
Tot Ion:142 Resp: 824492

Ion Ratio Lower Upper

142 100

141 92.1 72.3 108.5

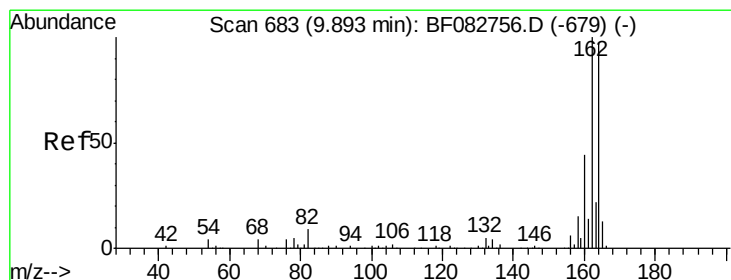
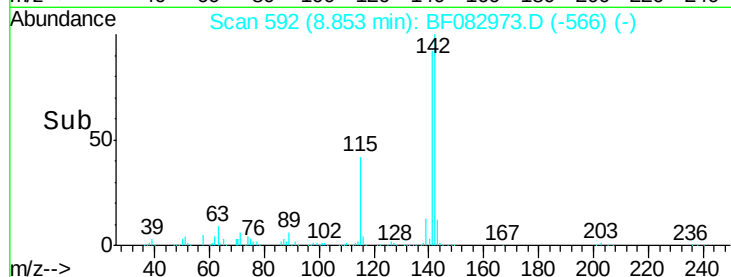
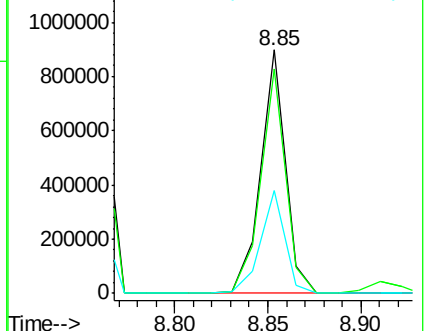
115 42.3 38.1 57.1



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. -0.09 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

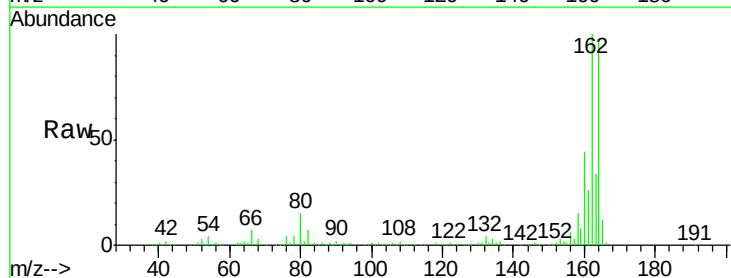
Tgt Ion:164 Resp: 341894

Ion Ratio Lower Upper

164 100

162 103.3 84.9 127.3

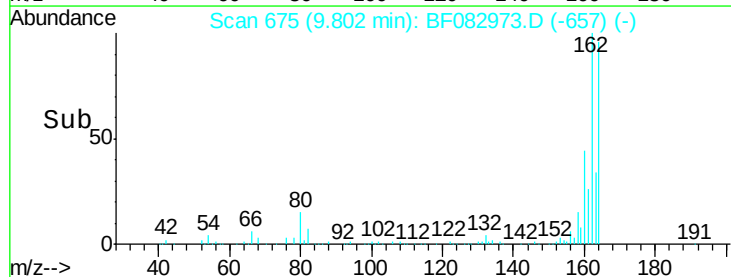
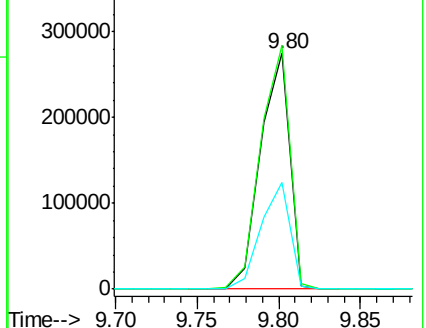
160 45.3 37.5 56.3

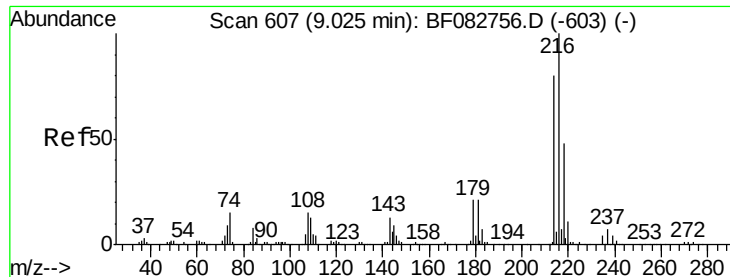


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

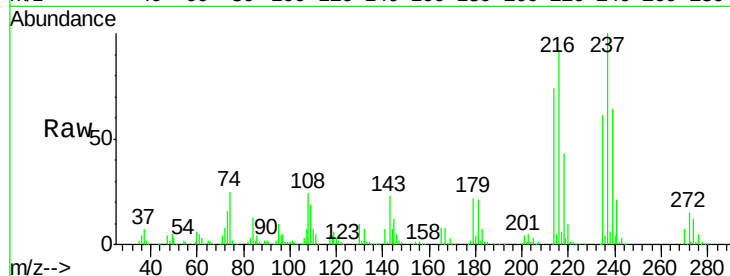




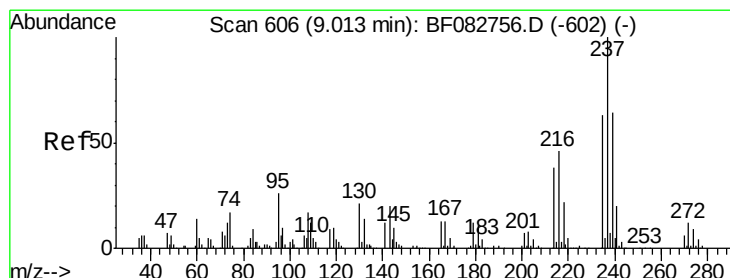
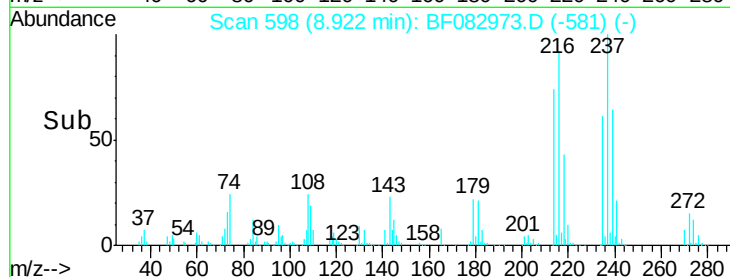
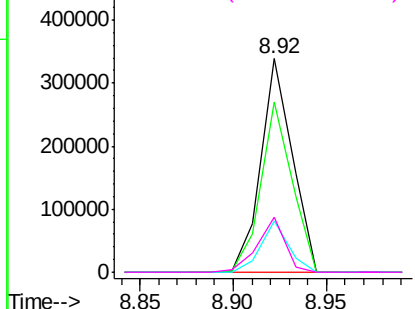
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.16 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.10 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	394995
Ion Ratio	Lower	Upper
216	100	
214	78.8	62.2 93.2
179	21.4	18.1 27.1
108	22.6	16.6 25.0

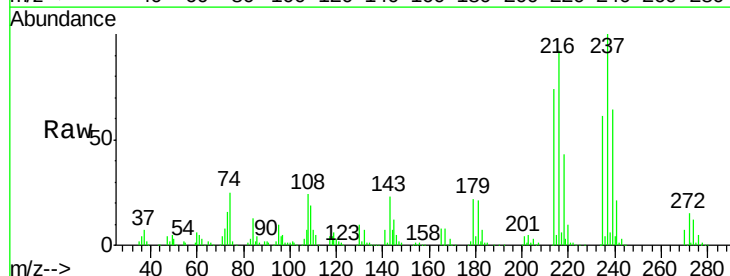


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

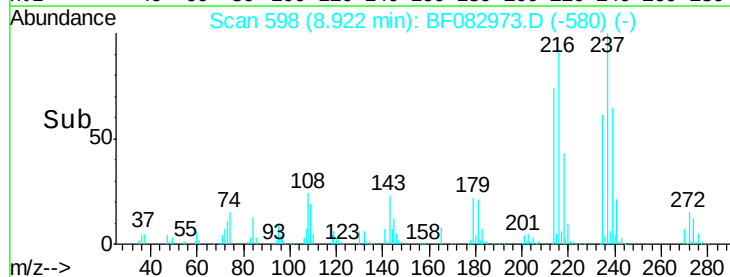
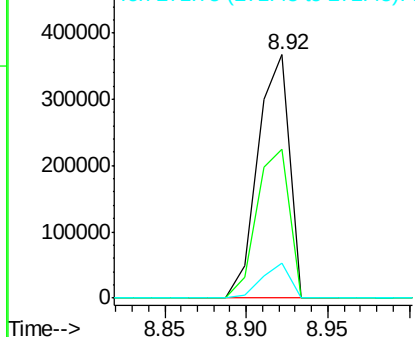


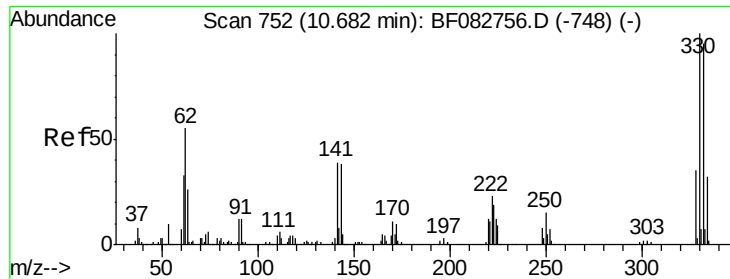
#40
 Hexachlorocyclopentadiene
 Concen: 81.53 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.09 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Tgt Ion:237	Resp:	492131
Ion Ratio	Lower	Upper
237	100	
235	61.0	44.3 84.3
272	14.6	0.0 31.9



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

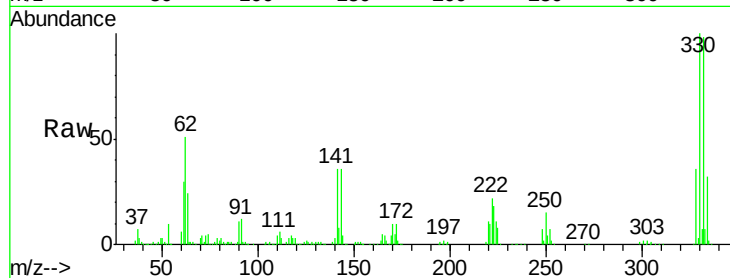




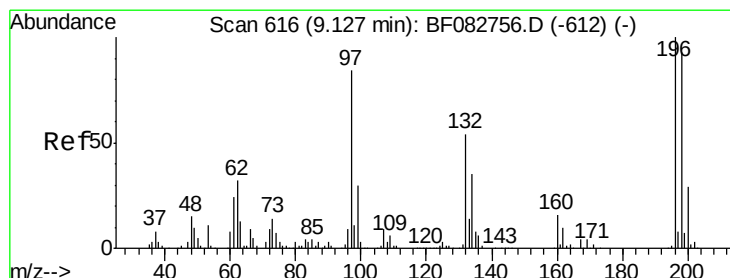
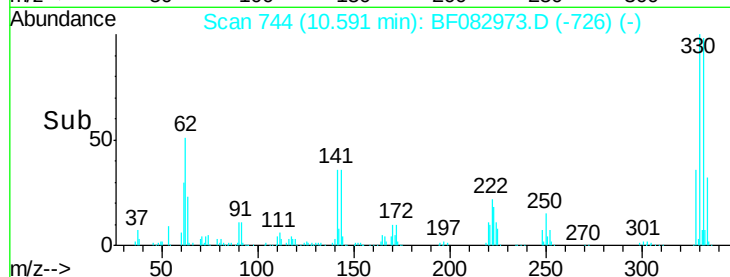
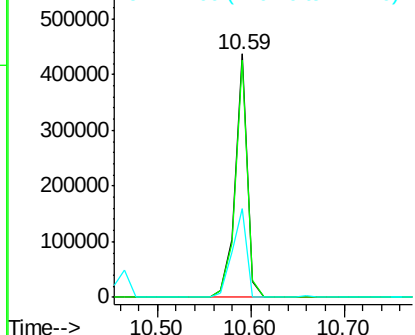
#41
 2,4,6-Tribromophenol
 Concen: 103.47 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.09 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	42.7	41.2	61.8

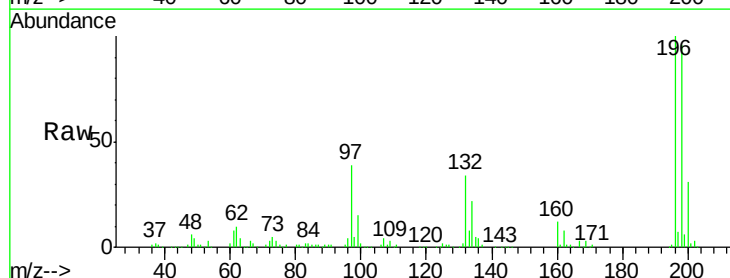


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

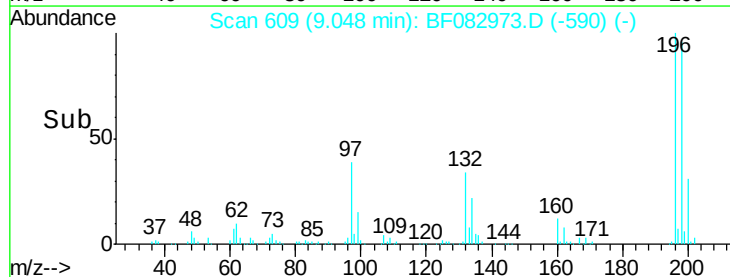
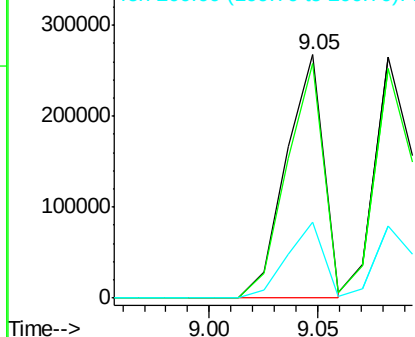


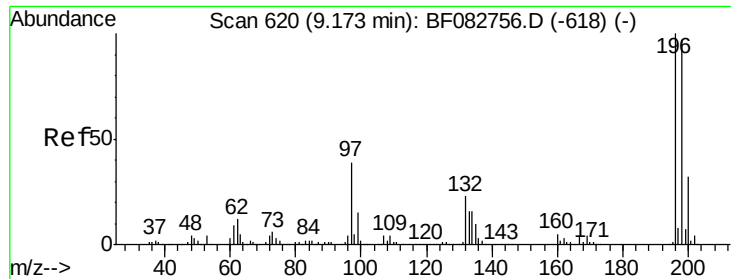
#42
 2,4,6-Trichlorophenol
 Concen: 38.31 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.08 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.3	114.5
200	31.3	23.9	35.9



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

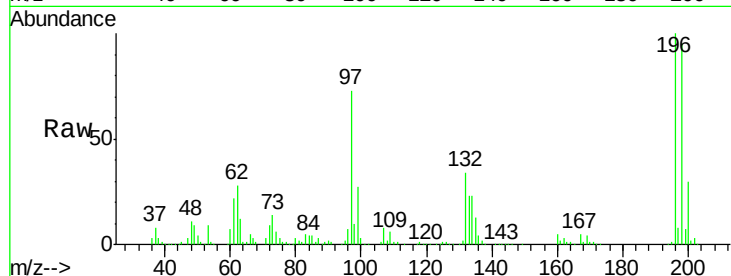




#43
 2,4,5-Trichlorophenol
 Concen: 38.68 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.09 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.8	113.8
97	73.2	62.3	93.5
132	34.5	27.4	41.2



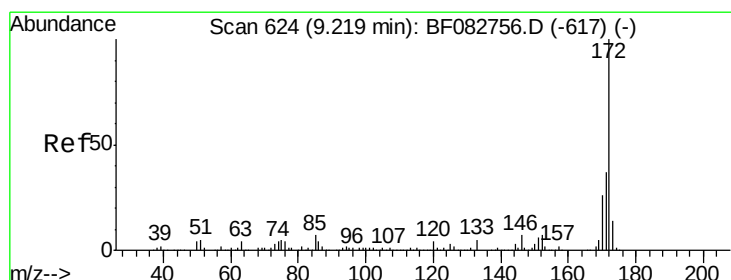
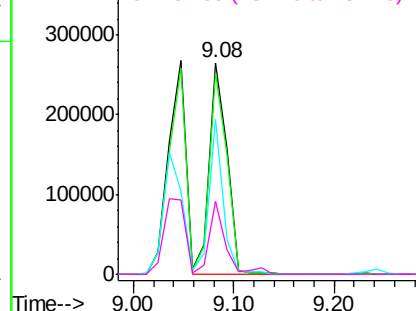
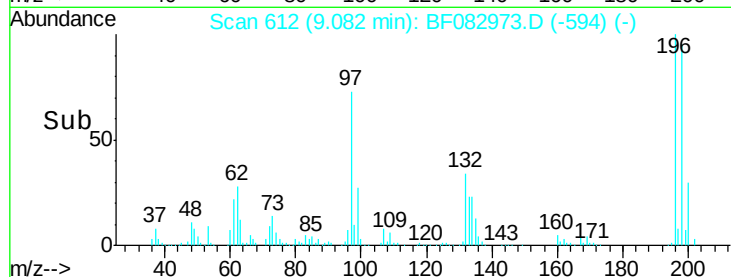
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

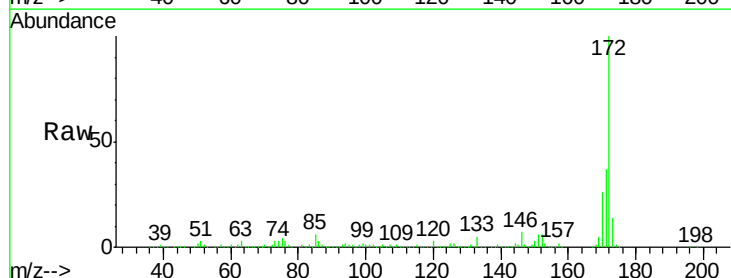
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.11 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.09 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.8	46.2
170	25.6	21.2	31.8

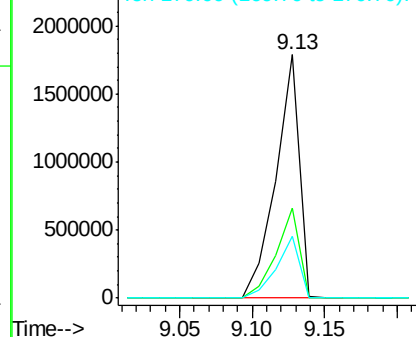
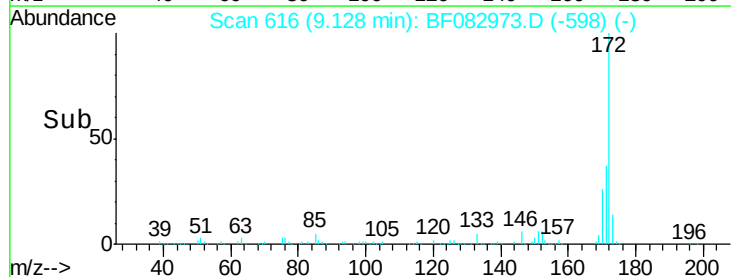


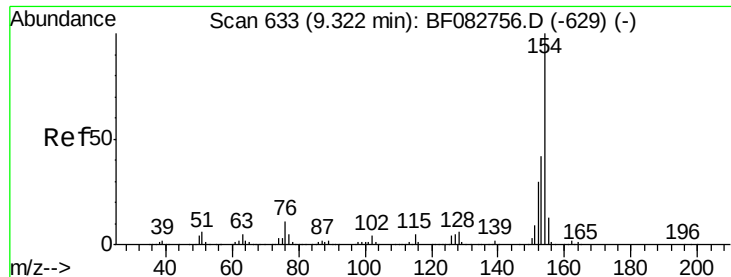
Abundance

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

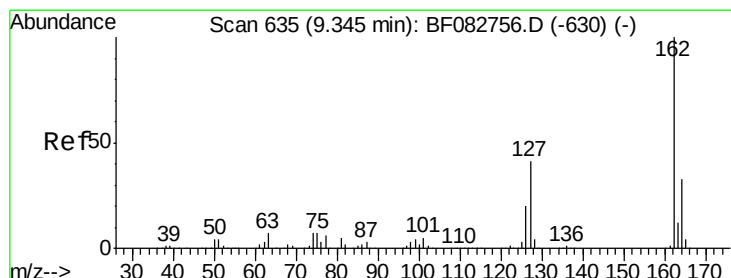
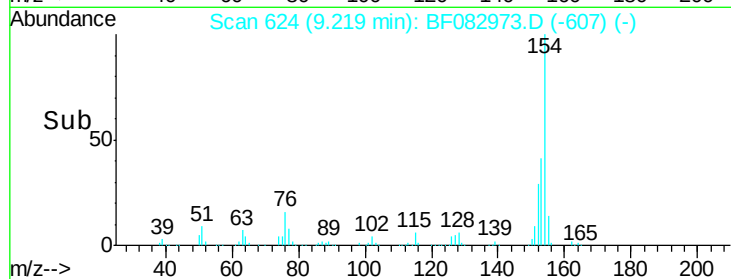
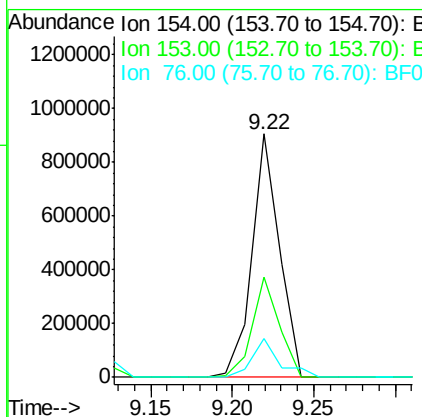
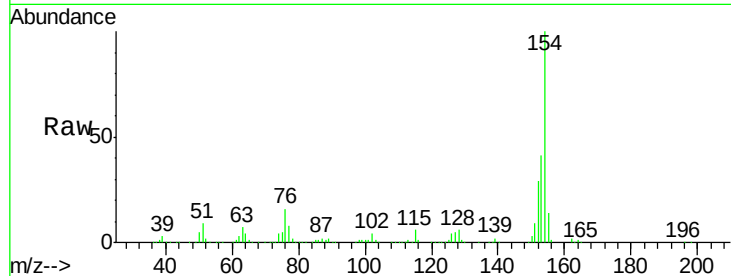




#45
 1,1'-Biphenyl
 Concen: 36.05 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.10 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

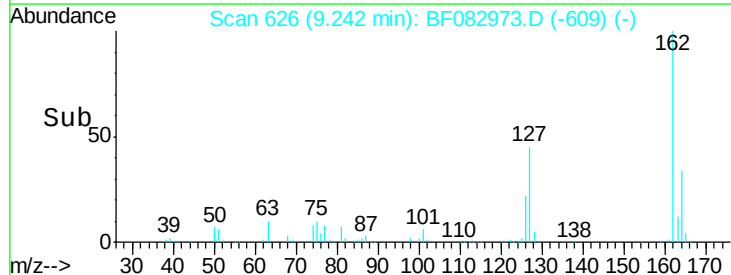
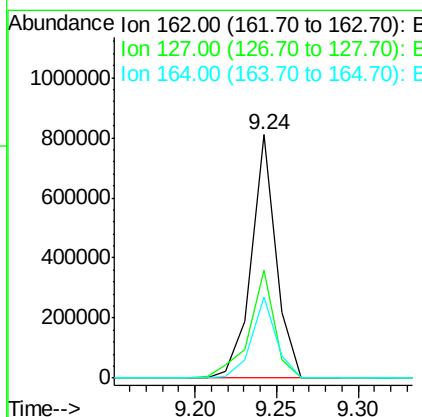
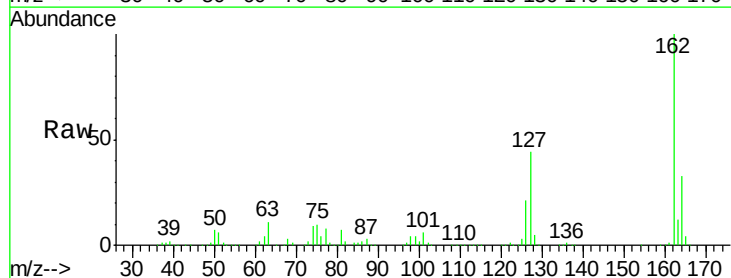
Instrument :
 BNA_F
 ClientSampleId :

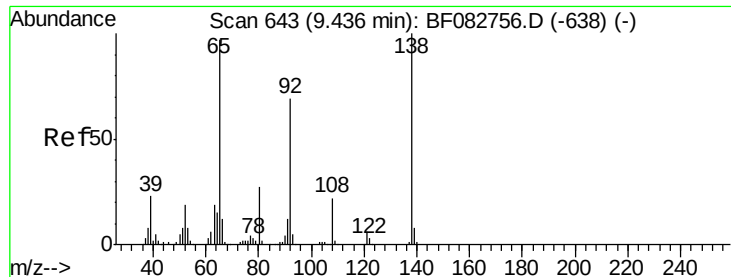
Tot Ion:154 Resp: 1057490
 Ion Ratio Lower Upper
 154 100
 153 41.4 22.0 62.0
 76 16.0 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 37.18 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.10 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Tgt Ion:162 Resp: 850831
 Ion Ratio Lower Upper
 162 100
 127 44.4 32.7 49.1
 164 33.2 27.4 41.0





#47

2-Nitroaniline

Concen: 43.33 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.09 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :

BNA_F

ClientSampled :

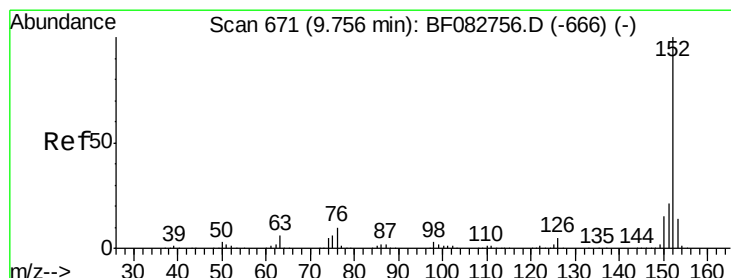
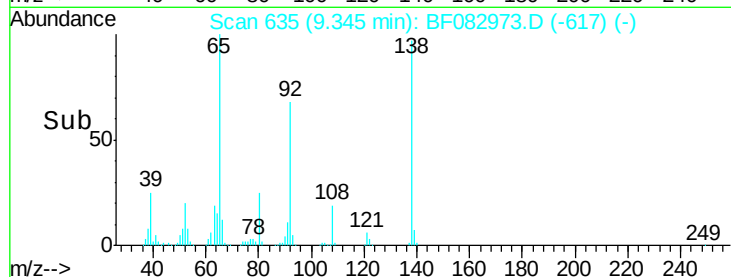
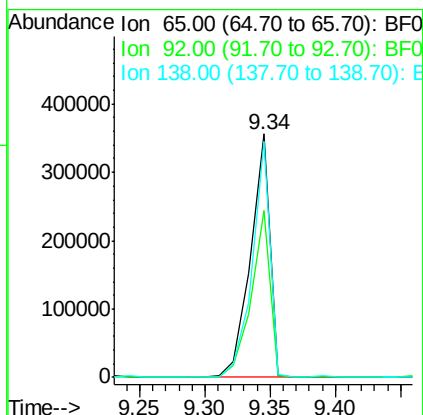
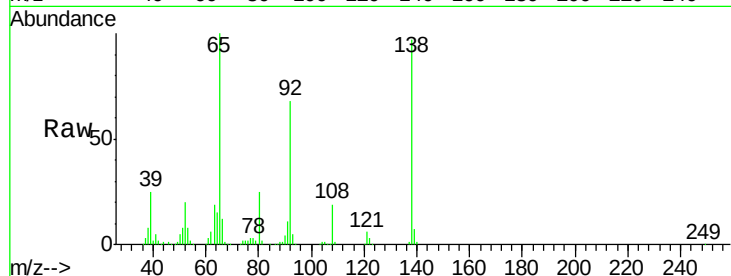
Tot Ion: 65 Resp: 367861

Ion Ratio Lower Upper

65 100

92 68.5 46.6 70.0

138 96.9 54.6 81.8#



#48

Acenaphthylene

Concen: 40.04 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.09 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

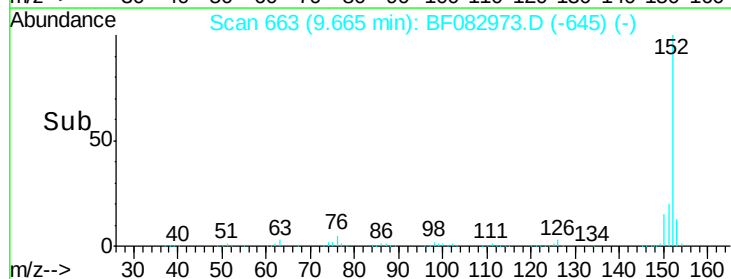
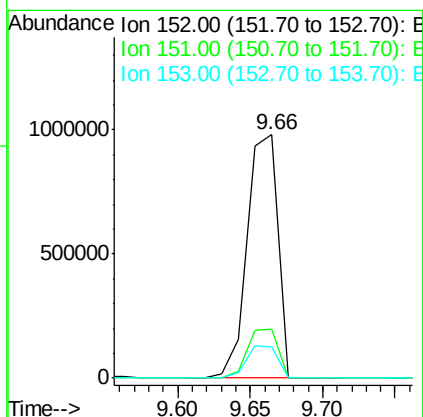
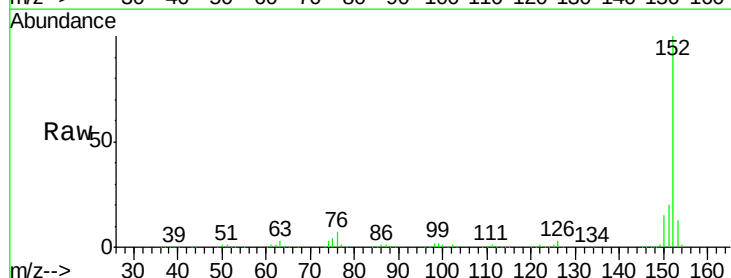
Tgt Ion: 152 Resp: 1436072

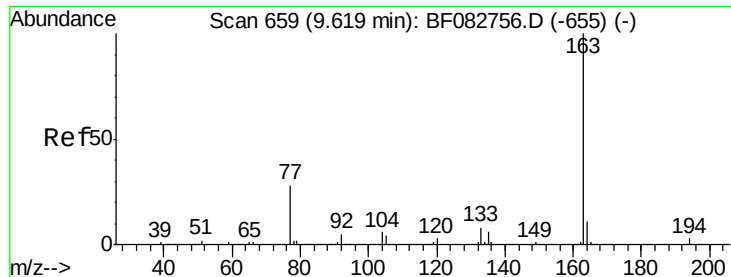
Ion Ratio Lower Upper

152 100

151 19.9 17.3 25.9

153 13.0 11.3 16.9

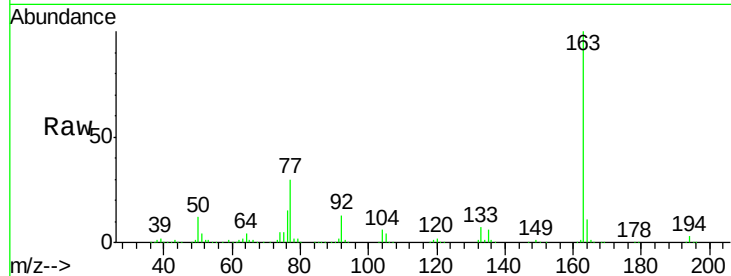




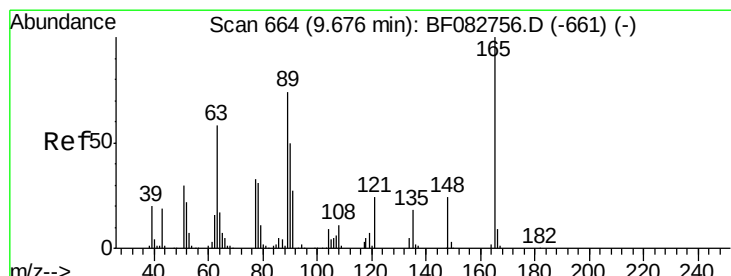
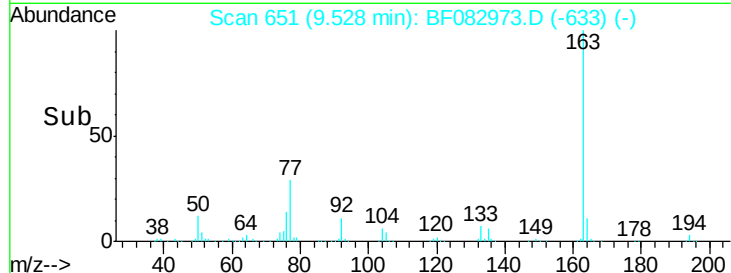
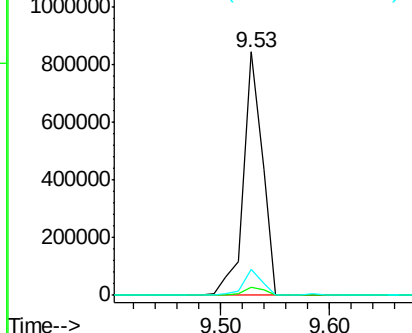
#49
Dimethylphthalate
Concen: 35.90 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.09 min
Lab File: BF082973.D
Acq: 17 Nov 2015 18:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1005520
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.9 8.7 13.1

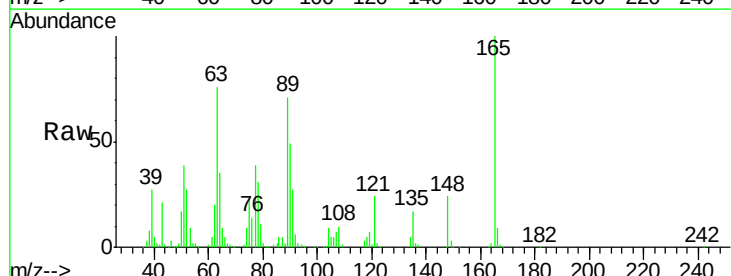


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

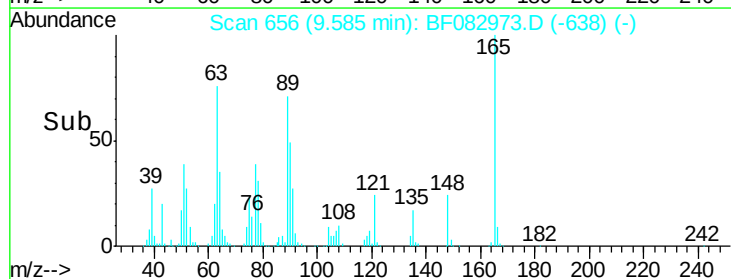
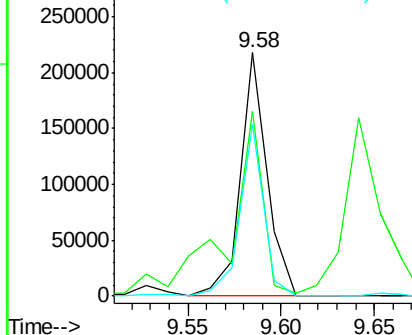


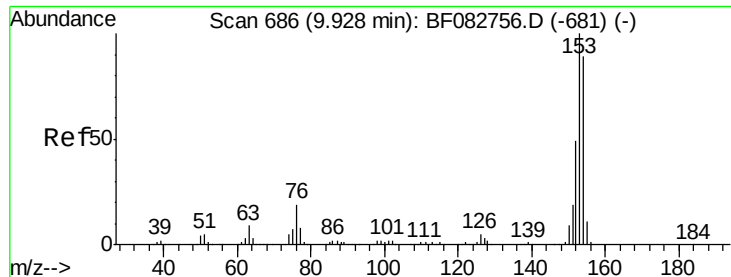
#50
2,6-Dinitrotoluene
Concen: 35.99 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.09 min
Lab File: BF082973.D
Acq: 17 Nov 2015 18:38

Tgt Ion:165 Resp: 215137
Ion Ratio Lower Upper
165 100
63 76.0 55.5 83.3
89 70.8 55.0 82.6



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





#51

Acenaphthene

Concen: 43.52 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.09 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :

BNA_F

ClientSampleId :

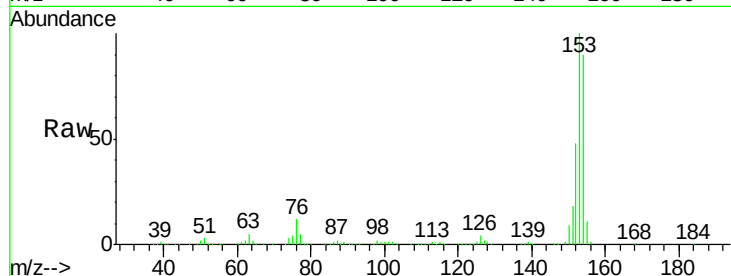
Tot Ion:154 Resp: 989254

Ion Ratio Lower Upper

154 100

153 111.4 90.1 135.1

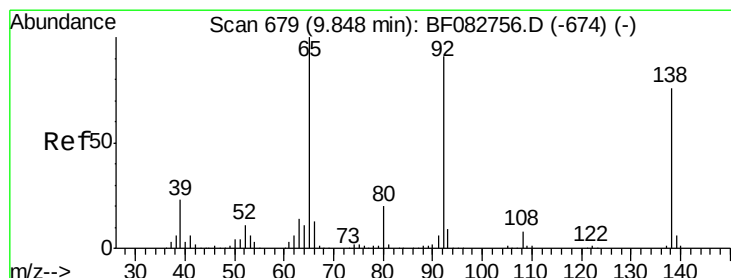
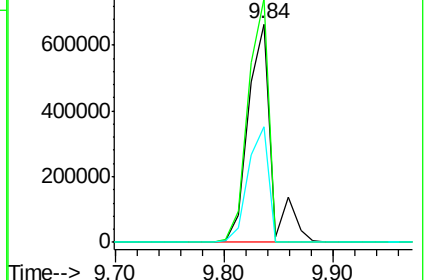
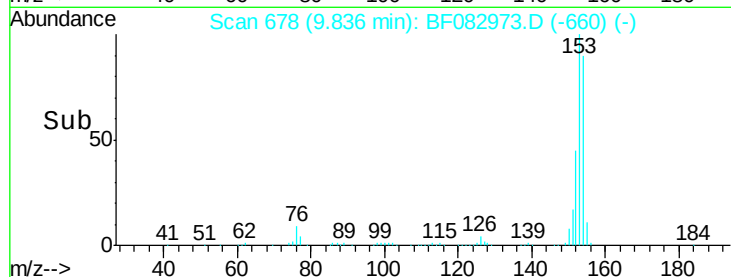
152 52.9 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 8.02 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.10 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

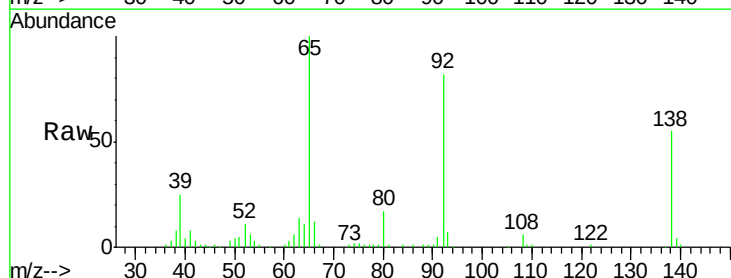
Tgt Ion:138 Resp: 52705

Ion Ratio Lower Upper

138 100

108 11.3 11.3 16.9#

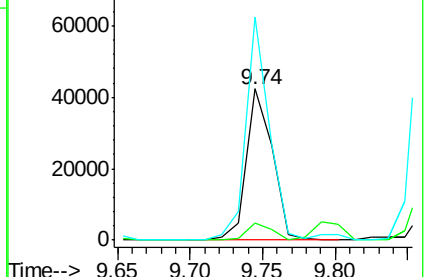
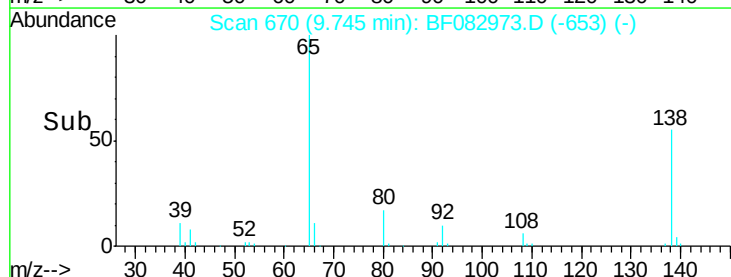
92 148.1 122.4 183.6

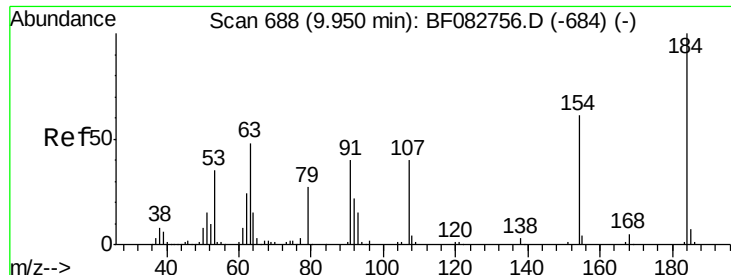


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

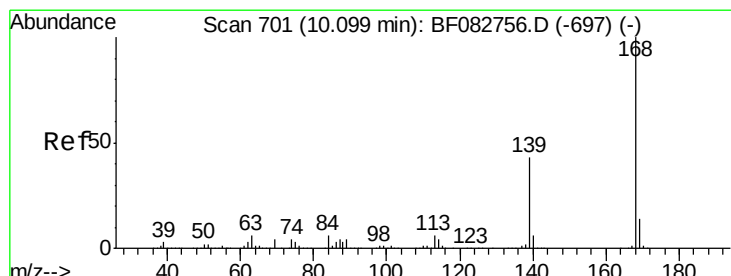
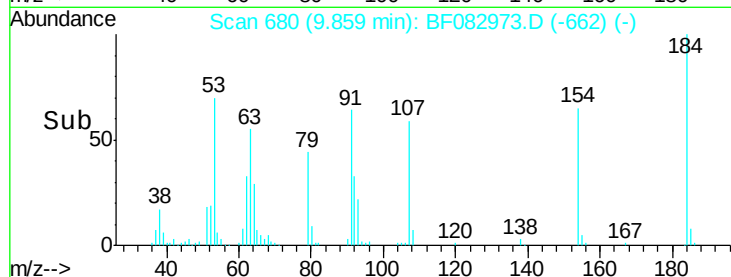
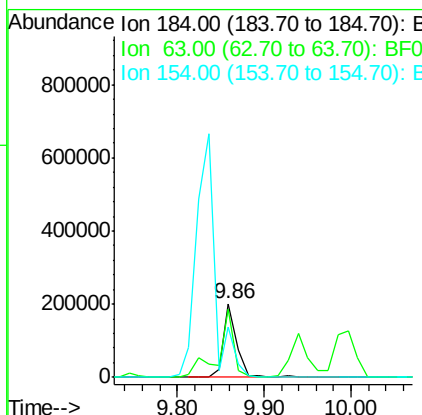
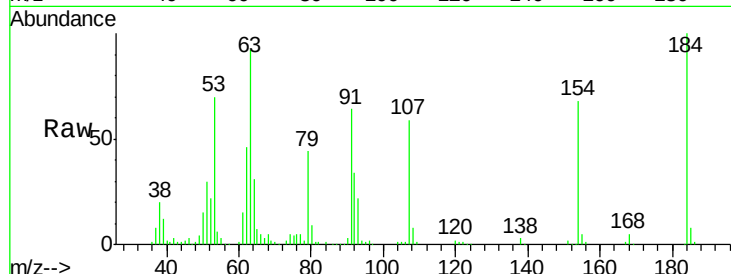




#53
 2,4-Dinitrophenol
 Concen: 67.29 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.09 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

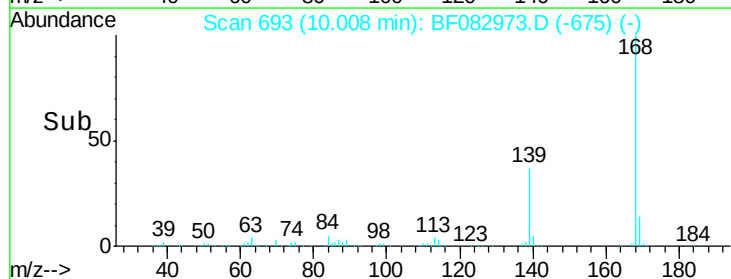
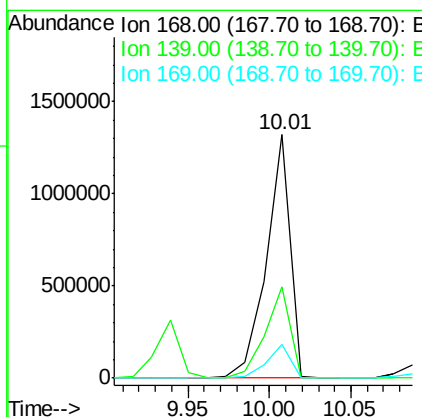
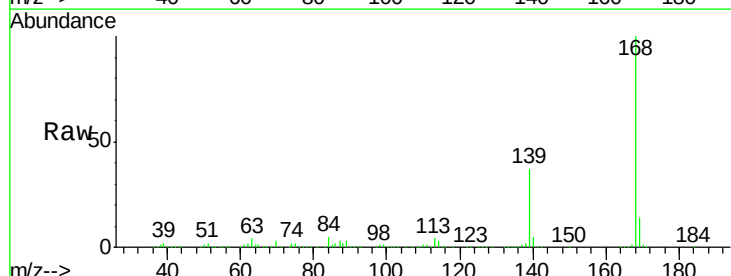
Instrument :
 BNA_F
 ClientSampled :

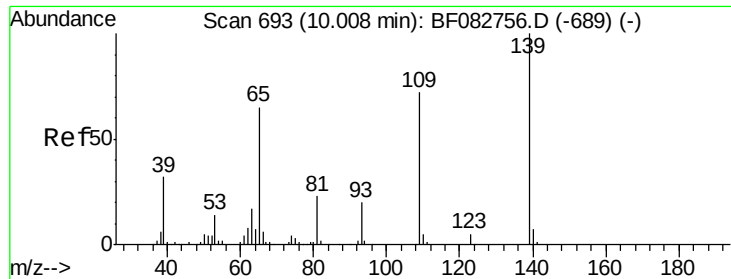
Tot Ion:184 Resp: 220816
 Ion Ratio Lower Upper
 184 100
 63 91.9 98.6 148.0#
 154 68.3 183.9 275.9#



#54
 Dibenzofuran
 Concen: 43.55 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.09 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Tgt Ion:168 Resp: 1334619
 Ion Ratio Lower Upper
 168 100
 139 37.3 37.8 56.6#
 169 14.0 11.3 16.9

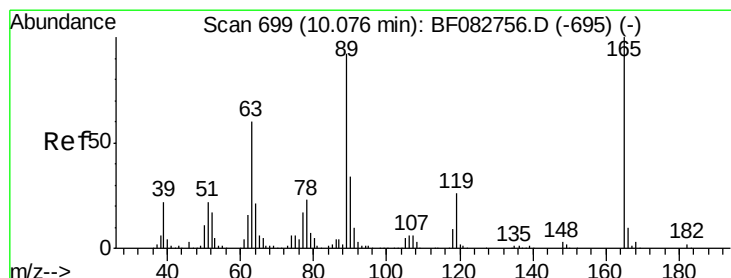
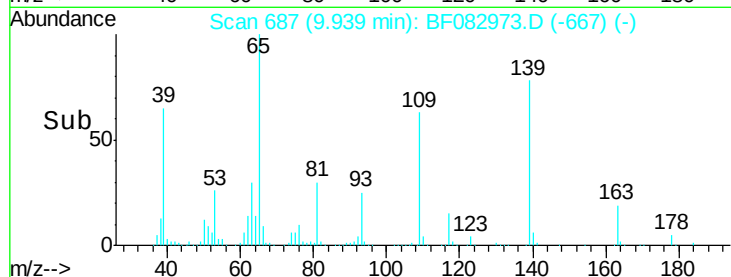
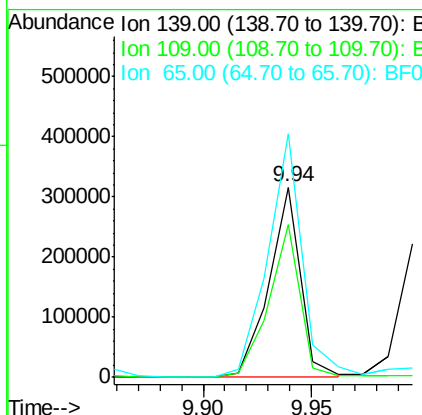
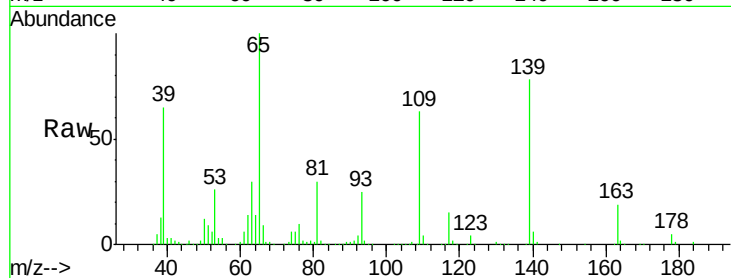




#55
4-Nitrophenol
Concen: 64.18 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF082973.D
Acq: 17 Nov 2015 18:38

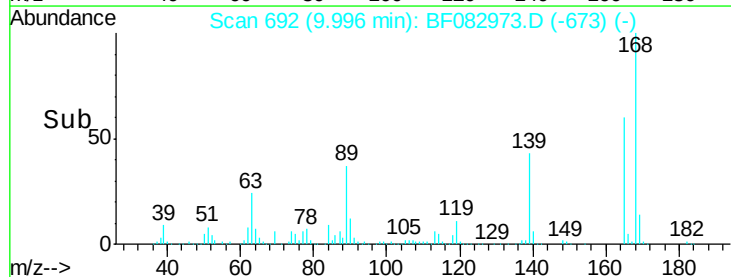
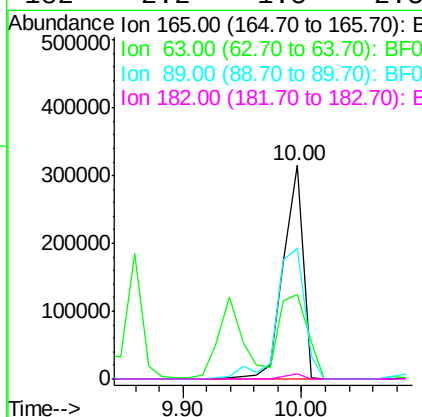
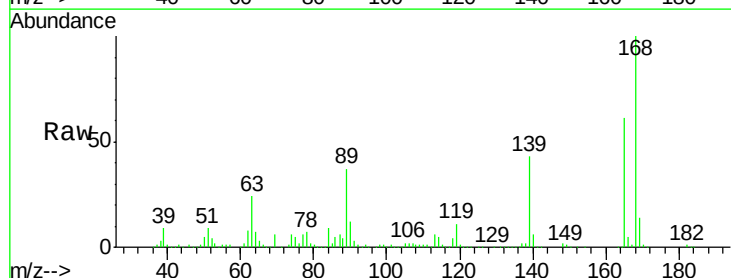
Instrument :
BNA_F
ClientSampled :

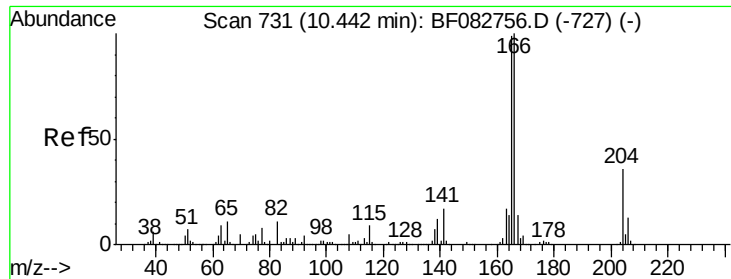
Tot Ion:139 Resp: 323650
Ion Ratio Lower Upper
139 100
109 80.7 73.7 113.7
65 128.1 82.9 122.9#



#56
2,4-Dinitrotoluene
Concen: 44.09 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.08 min
Lab File: BF082973.D
Acq: 17 Nov 2015 18:38

Tgt Ion:165 Resp: 357502
Ion Ratio Lower Upper
165 100
63 39.8 43.4 65.0#
89 61.0 70.6 106.0#
182 2.2 1.5 2.3





#57

Fluorene

Concen: 41.71 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.09 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :

BNA_F

ClientSampleId :

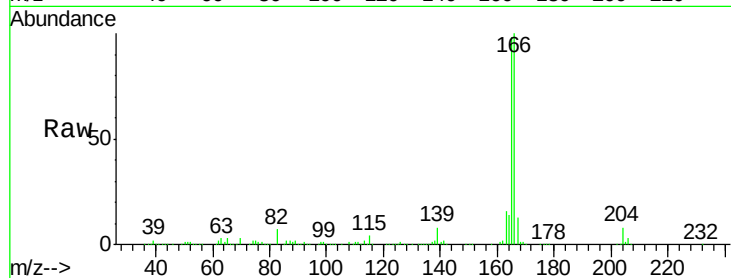
Tot Ion:166 Resp: 1035229

Ion Ratio Lower Upper

166 100

165 98.0 80.2 120.4

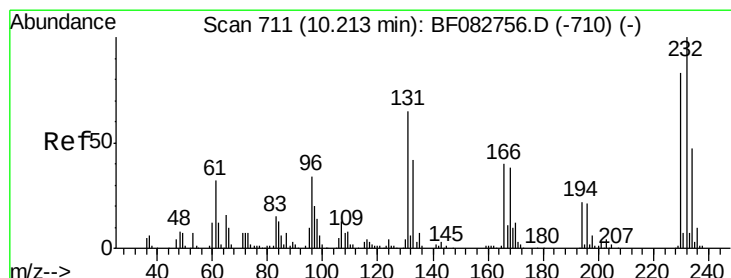
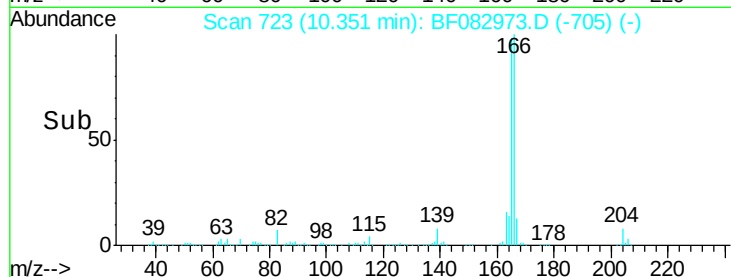
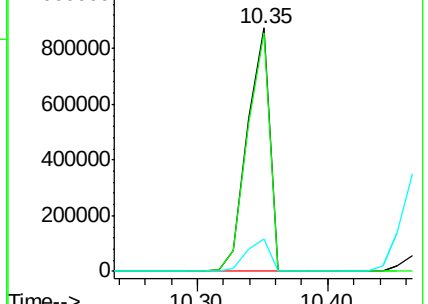
167 13.2 11.2 16.8



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: 39.54 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.08 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Tgt Ion:232 Resp: 267693

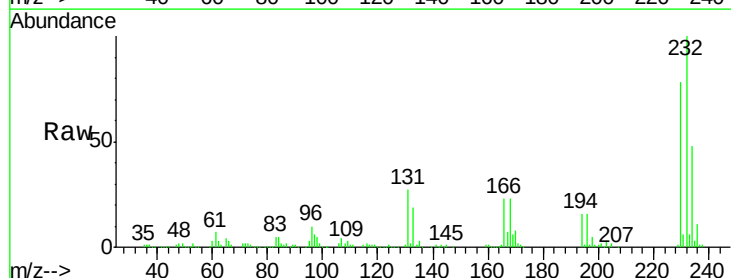
Ion Ratio Lower Upper

232 100

131 44.6 46.2 69.2#

130 2.1 2.4 3.6#

166 30.7 28.2 42.2

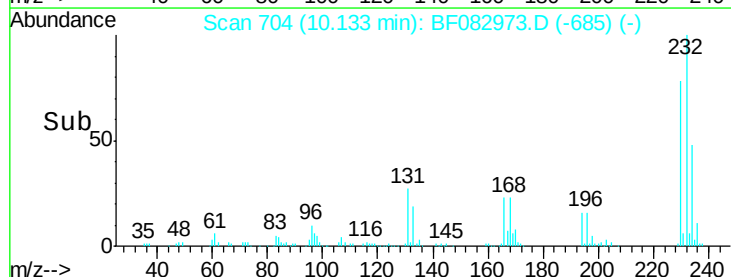
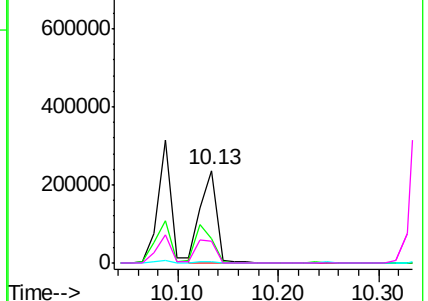


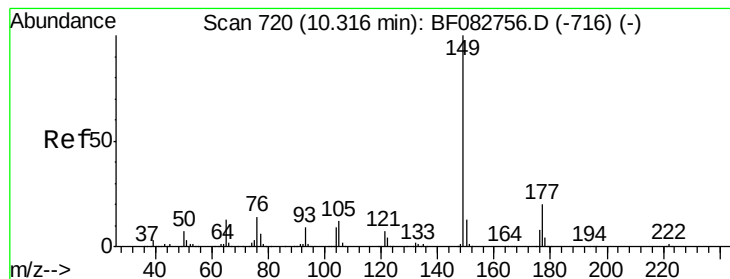
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.23 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.08 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :

BNA_F

ClientSampled :

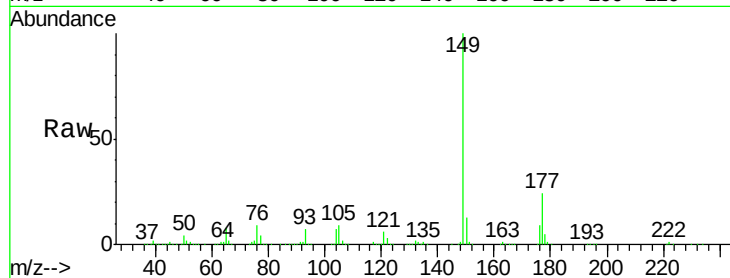
Tot Ion:149 Resp: 1155110

Ion Ratio Lower Upper

149 100

177 23.9 17.9 26.9

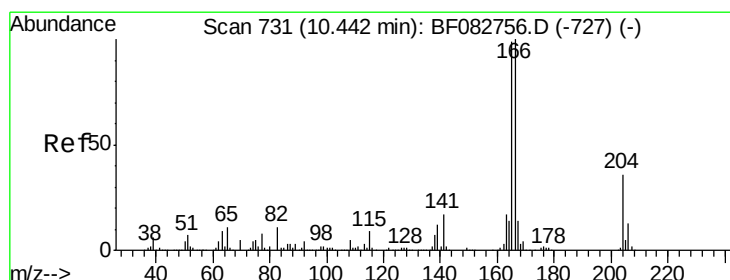
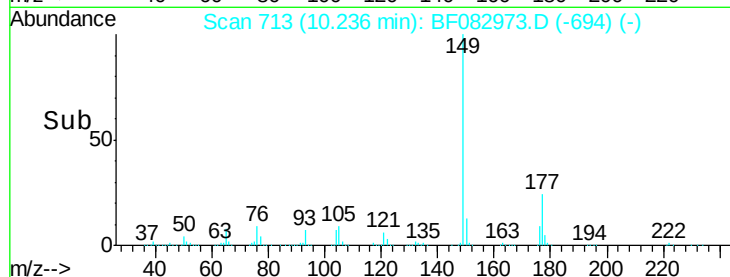
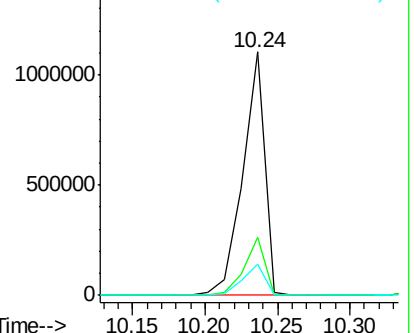
150 12.8 10.1 15.1



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: 36.51 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.10 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

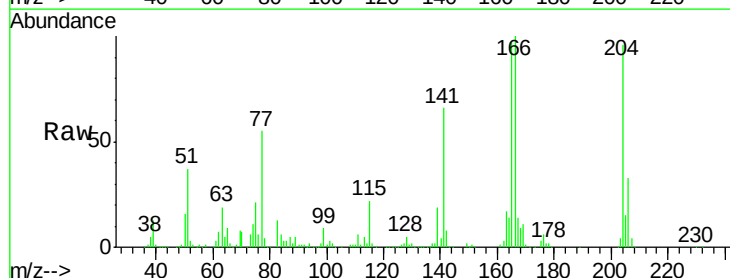
Tgt Ion:204 Resp: 453429

Ion Ratio Lower Upper

204 100

206 34.2 28.5 42.7

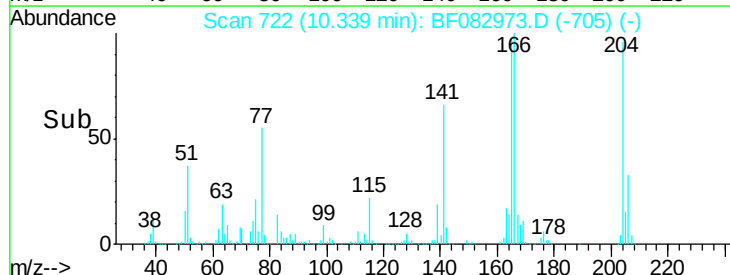
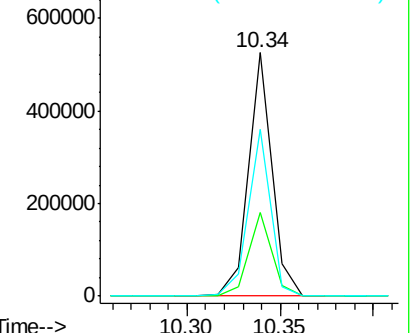
141 68.7 44.6 66.8#

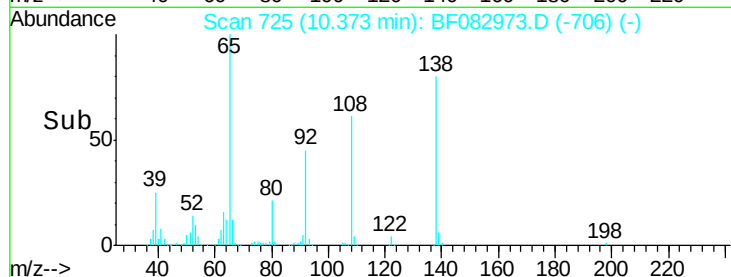
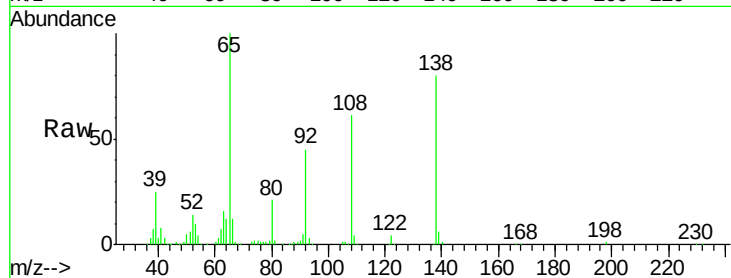
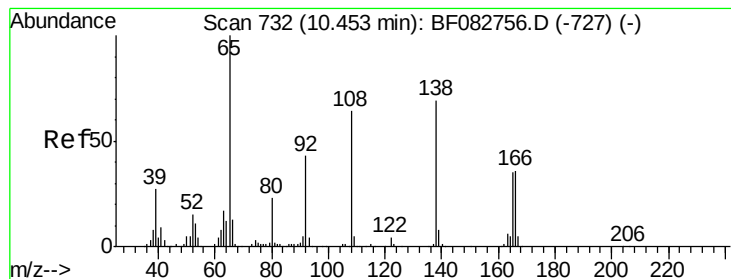


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.16 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.08 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :

BNA_F

ClientSampleId :

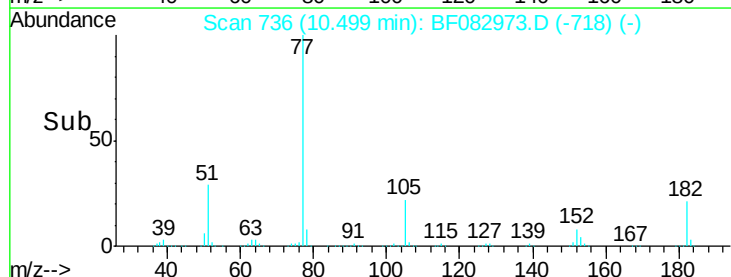
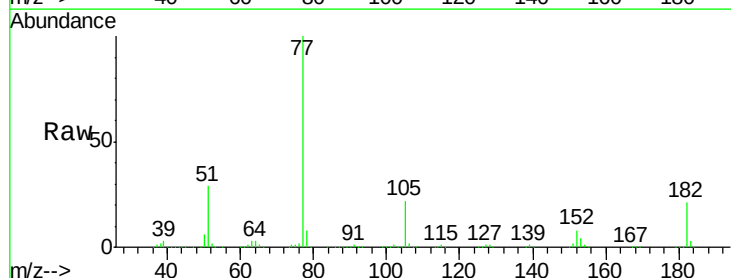
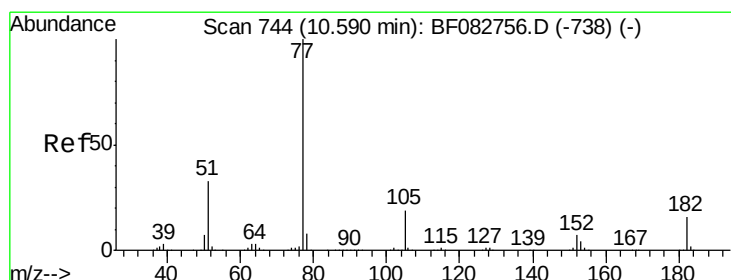
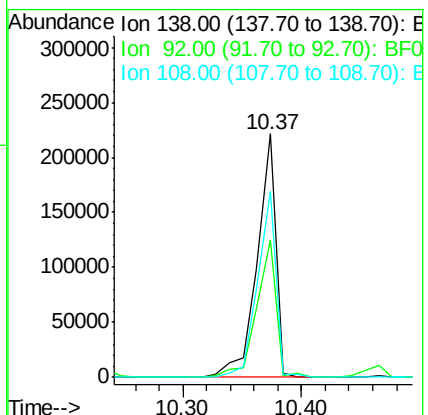
Tot Ion:138 Resp: 245631

Ion Ratio Lower Upper

138 100

92 56.4 45.8 85.8

108 76.3 89.4 129.4#



#62

Azobenzene

Concen: 44.73 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.09 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Tgt Ion: 77 Resp: 1314033

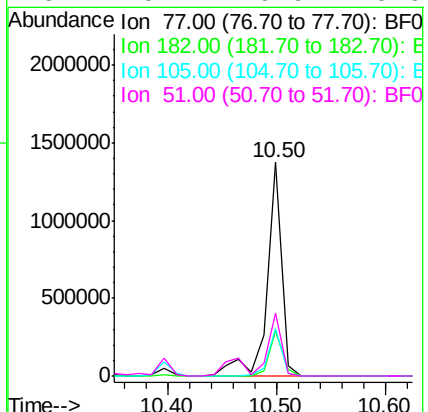
Ion Ratio Lower Upper

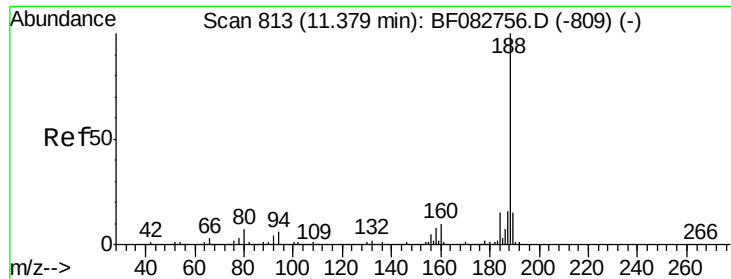
77 100

182 20.9 9.3 49.3

105 21.9 2.6 42.6

51 29.2 9.9 49.9

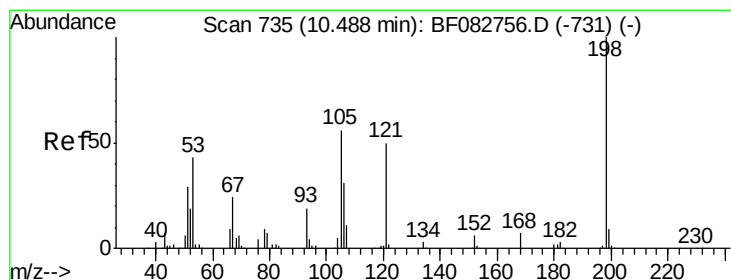
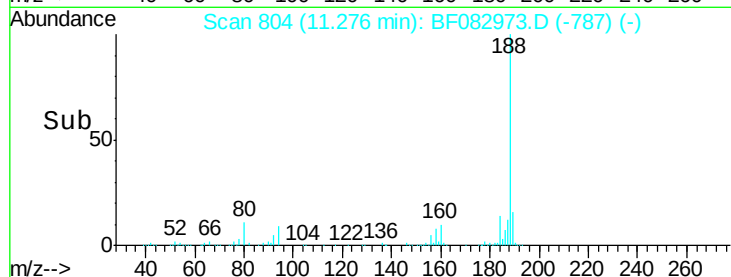
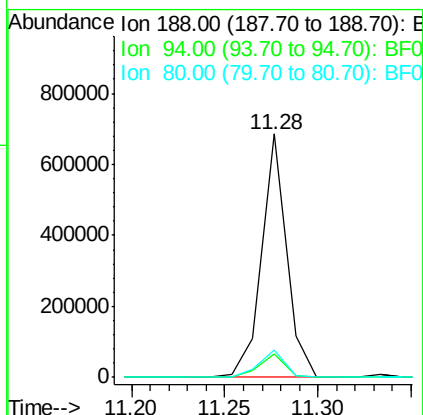
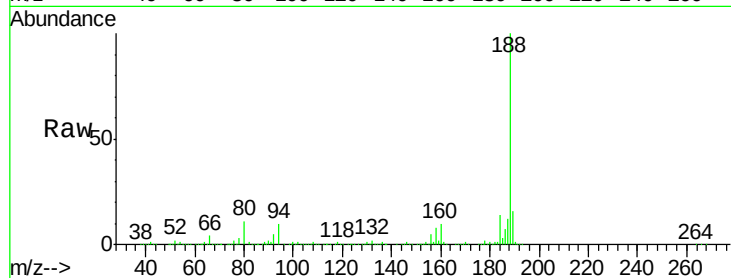




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.10 min
Lab File: BF082973.D
Acq: 17 Nov 2015 18:38

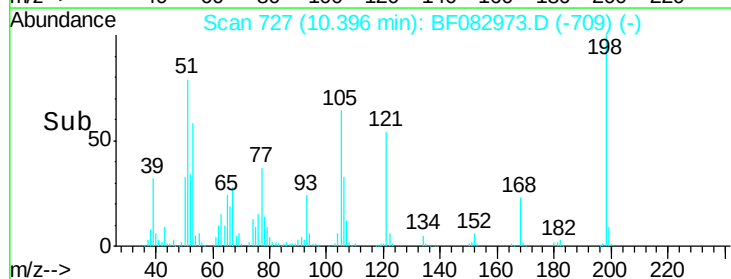
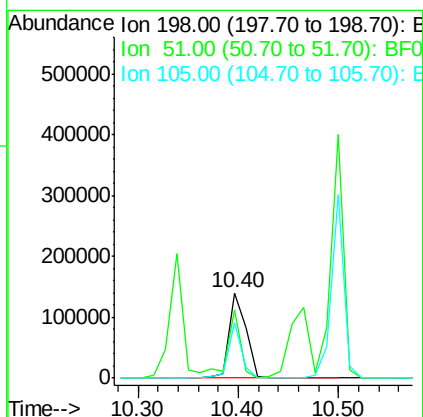
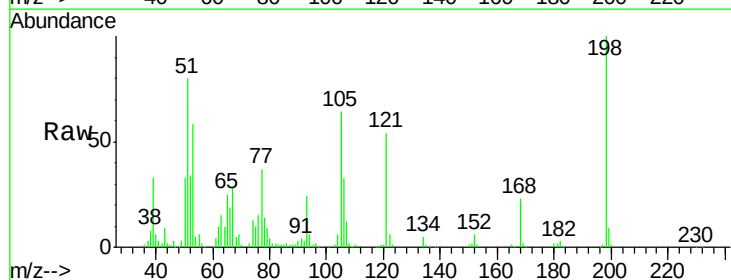
Instrument :
BNA_F
ClientSampleId :

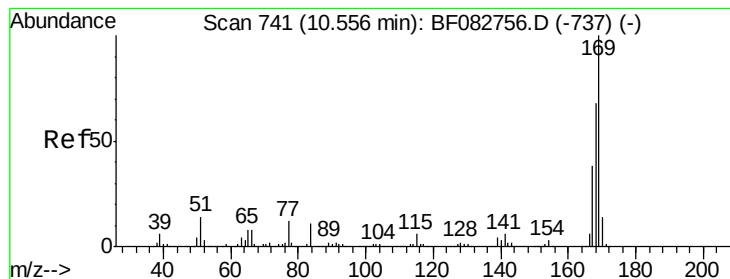
Tot Ion:188 Resp: 631762
Ion Ratio Lower Upper
188 100
94 9.6 6.1 9.1#
80 11.0 7.0 10.6#



#64
4,6-Dinitro-2-methylphenol
Concen: 36.34 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.09 min
Lab File: BF082973.D
Acq: 17 Nov 2015 18:38

Tgt Ion:198 Resp: 163549
Ion Ratio Lower Upper
198 100
51 79.6 17.3 57.3#
105 64.3 21.7 61.7#

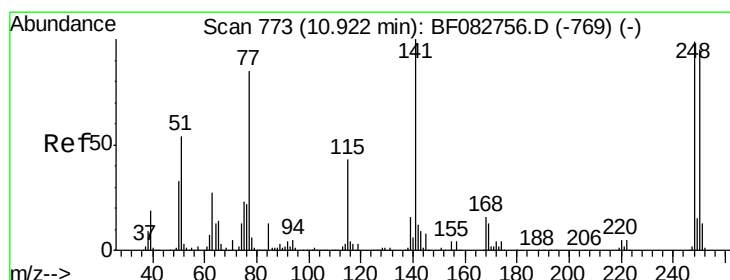
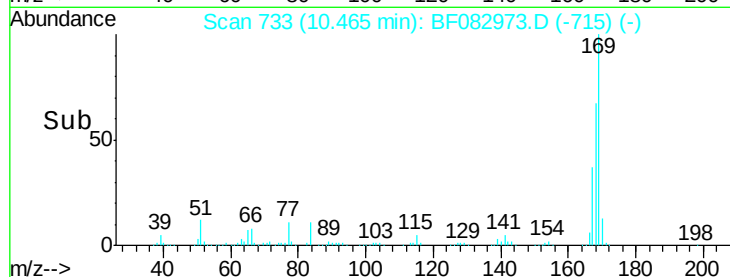
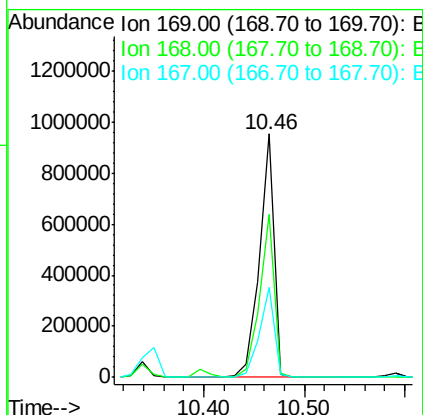
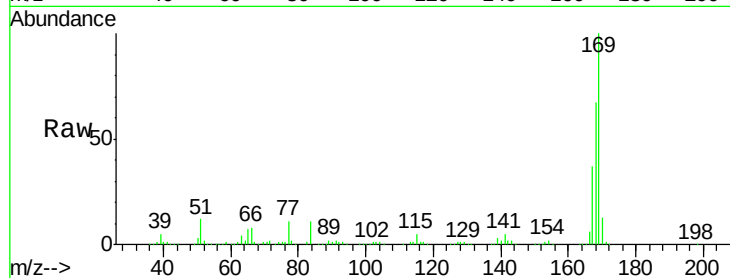




#65
 n-Nitrosodiphenylamine
 Concen: 42.02 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.09 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

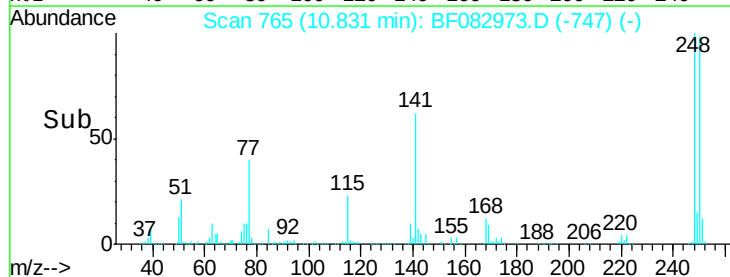
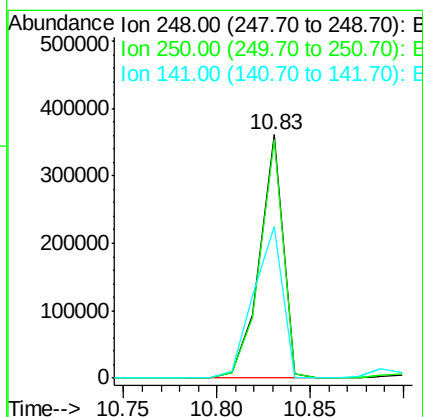
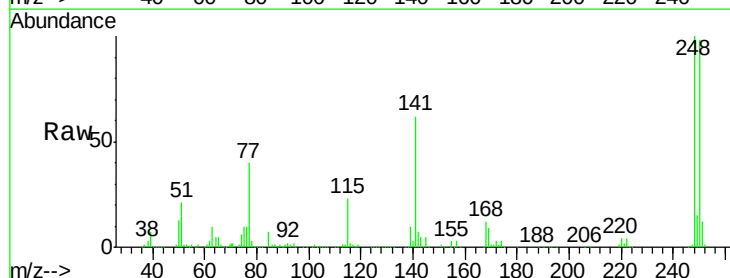
Instrument :
 BNA_F
 ClientSampleId :

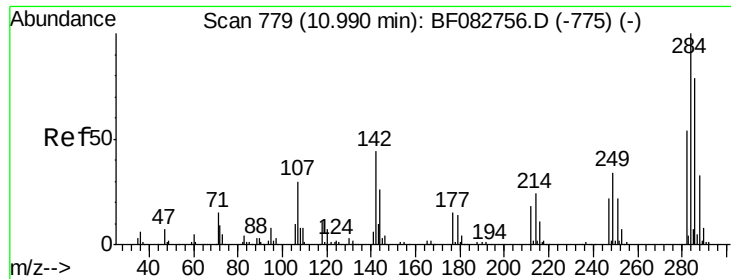
Tot Ion:169 Resp: 959100
 Ion Ratio Lower Upper
 169 100
 168 66.9 55.0 82.6
 167 36.9 30.5 45.7



#66
 4-Bromophenyl-phenylether
 Concen: 42.45 ng
 RT: 10.83 min Scan# 765
 Delta R.T. -0.09 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Tgt Ion:248 Resp: 322952
 Ion Ratio Lower Upper
 248 100
 250 97.7 79.4 119.2
 141 62.2 36.3 54.5#

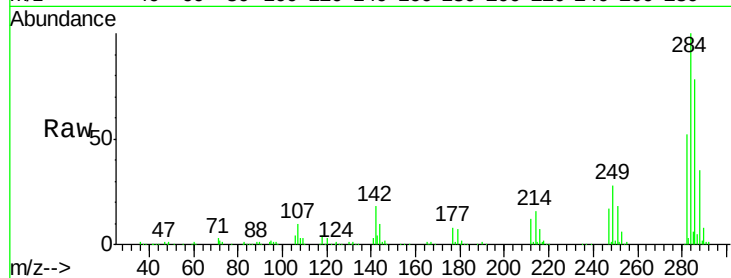




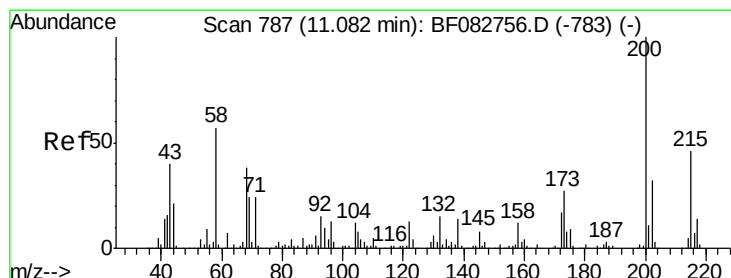
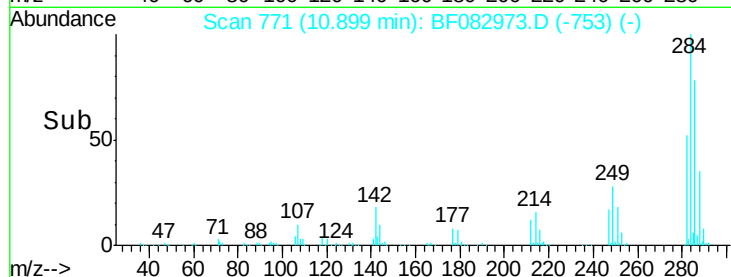
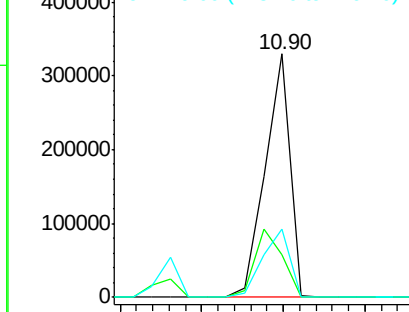
#67
Hexachlorobenzene
Concen: 41.08 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.09 min
Lab File: BF082973.D
Acq: 17 Nov 2015 18:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 348940
Ion Ratio Lower Upper
284 100
142 17.6 47.9 71.9#
249 28.1 29.7 44.5#

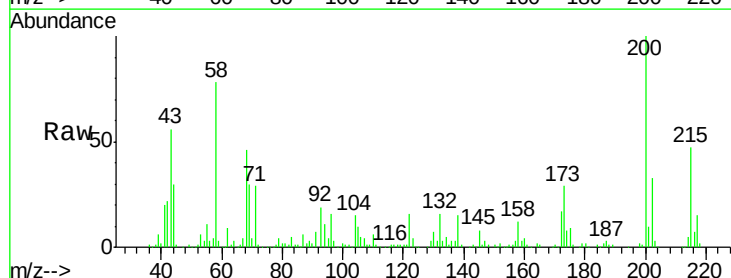


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

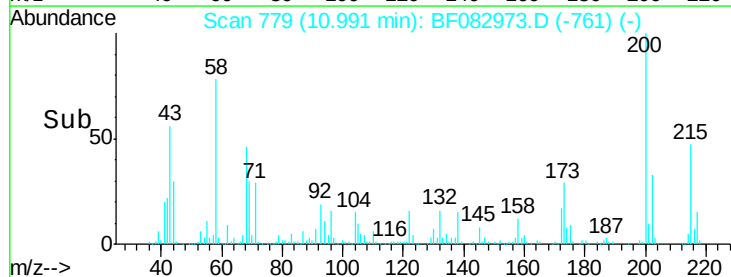
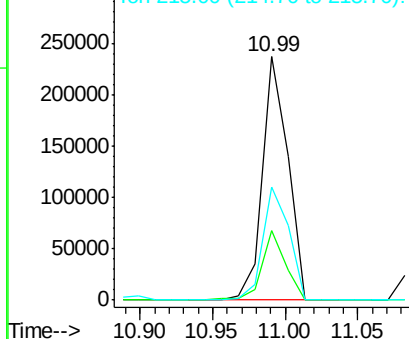


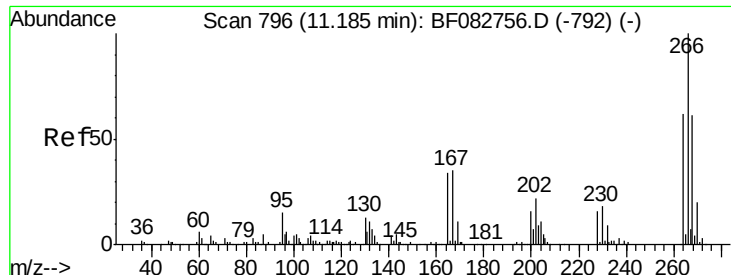
#68
Atrazine
Concen: 40.60 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.09 min
Lab File: BF082973.D
Acq: 17 Nov 2015 18:38

Tgt Ion:200 Resp: 286508
Ion Ratio Lower Upper
200 100
173 28.7 6.9 46.9
215 46.5 22.9 62.9



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

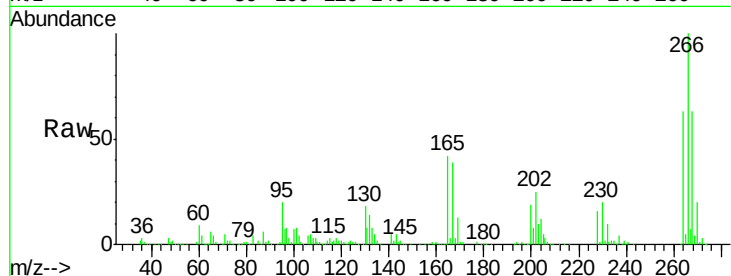




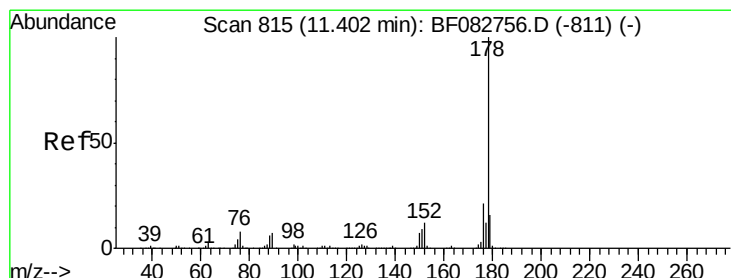
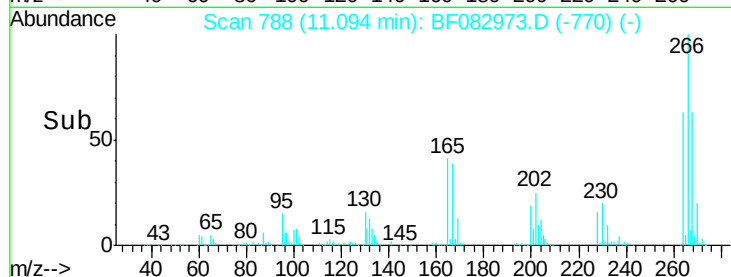
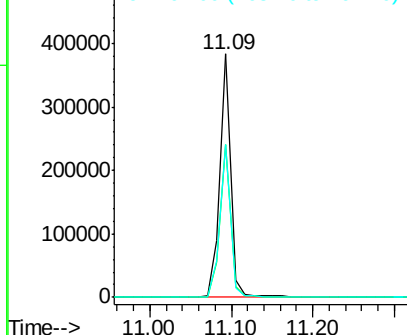
#69
 Pentachlorophenol
 Concen: 69.19 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.09 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 356875
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.0 76.6
 264 63.0 50.6 75.8

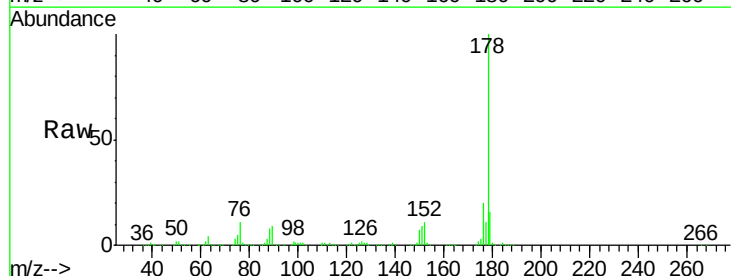


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

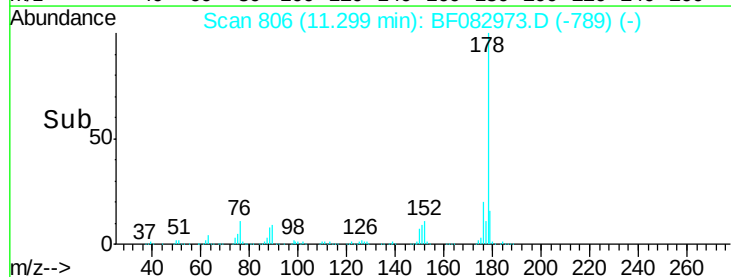
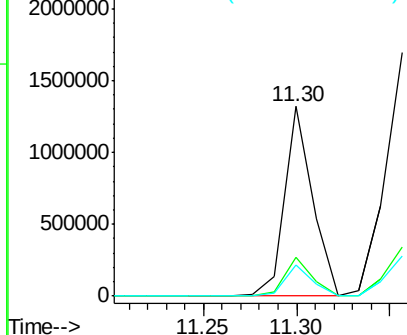


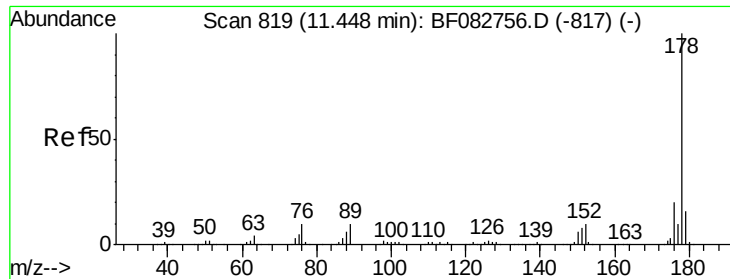
#70
 Phenanthrene
 Concen: 37.56 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.10 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Tgt Ion:178 Resp: 1378121
 Ion Ratio Lower Upper
 178 100
 176 20.4 17.0 25.4
 179 16.4 13.4 20.0



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

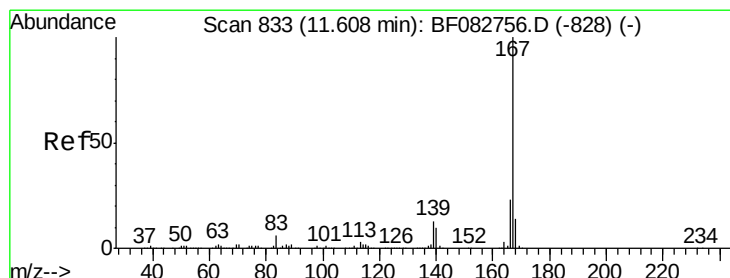
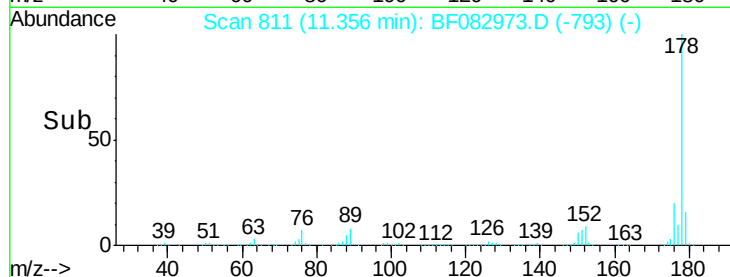
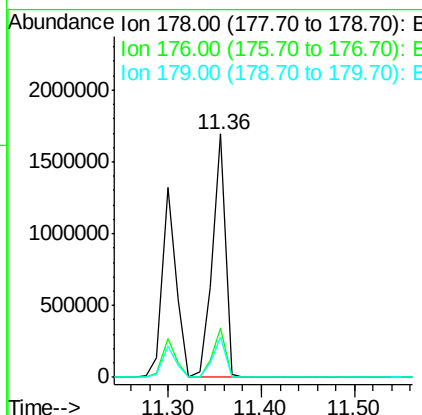
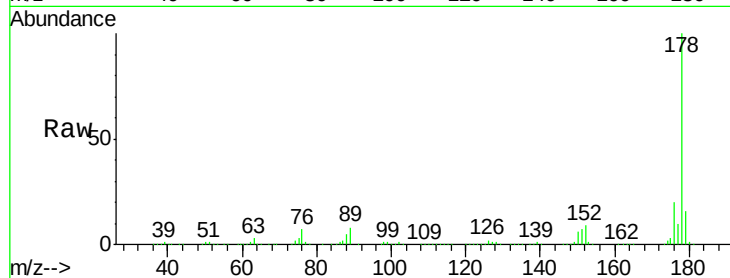




#71
 Anthracene
 Concen: 42.41 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.09 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

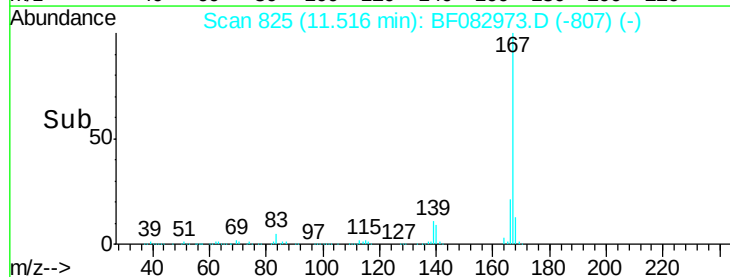
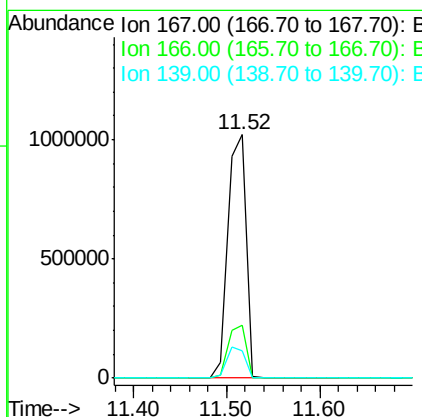
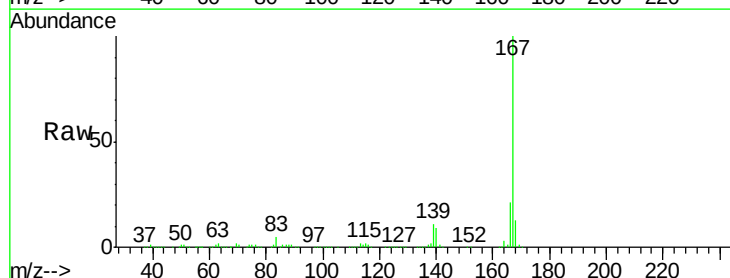
Instrument :
 BNA_F
 ClientSampleId :

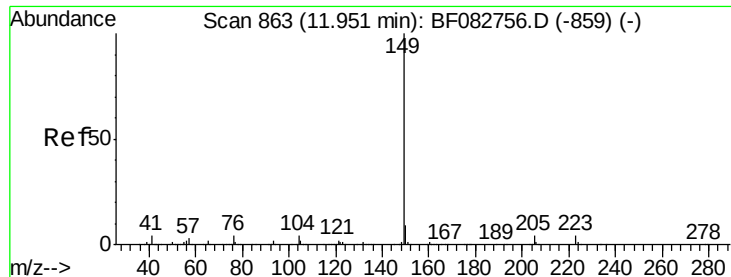
Tot Ion:178 Resp: 1638826
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.5 24.7
 179 16.5 13.2 19.8



#72
 Carbazole
 Concen: 41.33 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.09 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Tgt Ion:167 Resp: 1398274
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.7 28.1
 139 11.4 11.8 17.6#





#73

Di-n-butylphthalate

Concen: 38.40 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.10 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :

BNA_F

ClientSampleId :

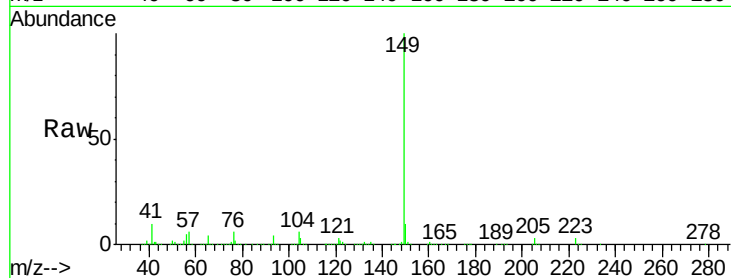
Tot Ion:149 Resp: 1618672

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

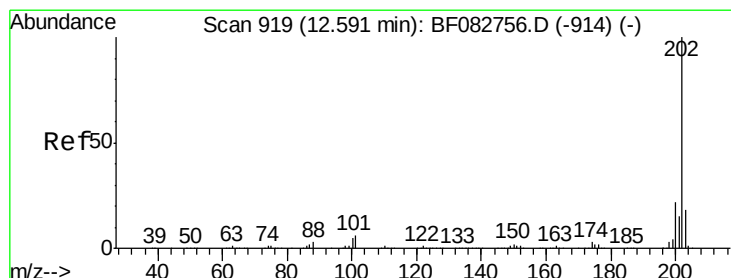
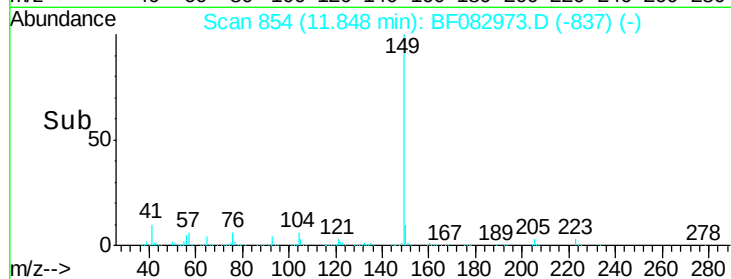
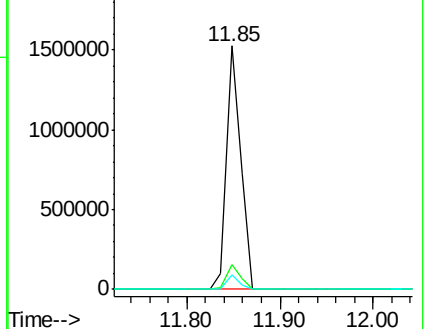
104 5.7 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.04 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.10 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

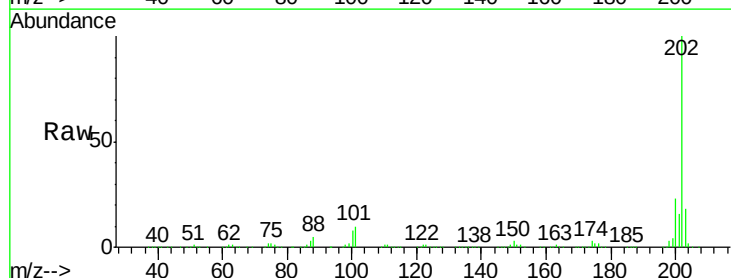
Tgt Ion:202 Resp: 1615904

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.5

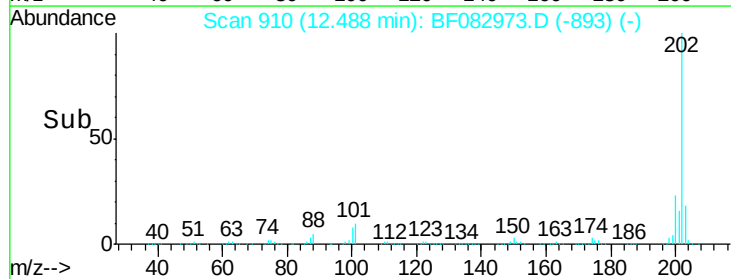
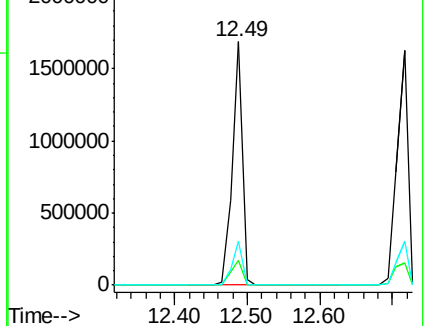
203 18.3 0.0 38.5

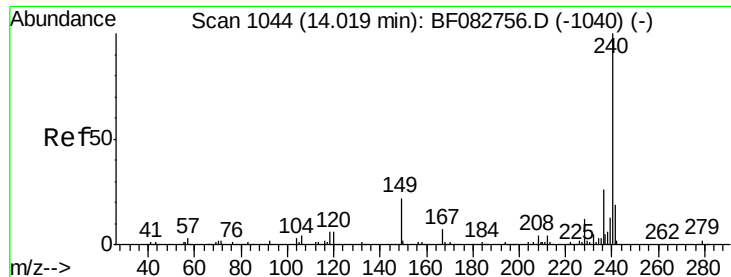


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.10 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :

BNA_F

ClientSampled :

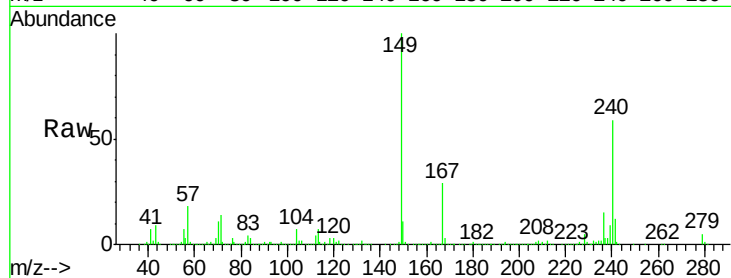
Tot Ion:240 Resp: 486132

Ion Ratio Lower Upper

240 100

120 5.2 10.9 16.3#

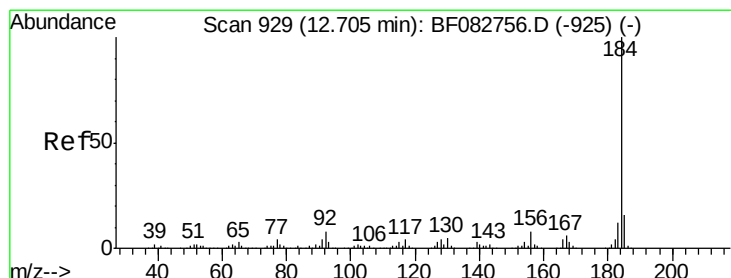
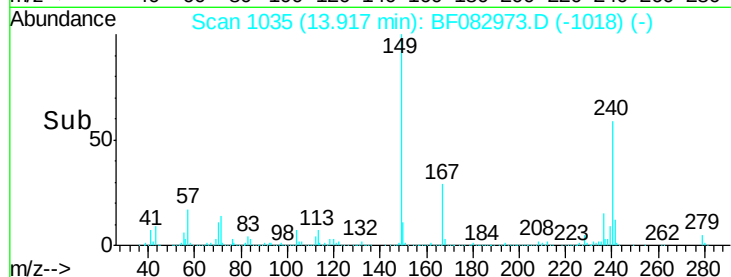
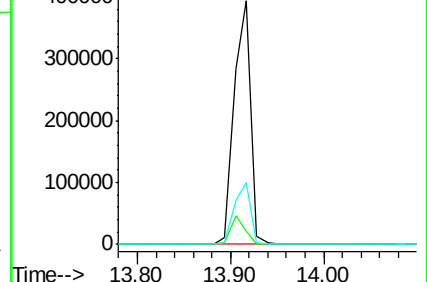
236 25.7 21.6 32.4



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: 49.87 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.09 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

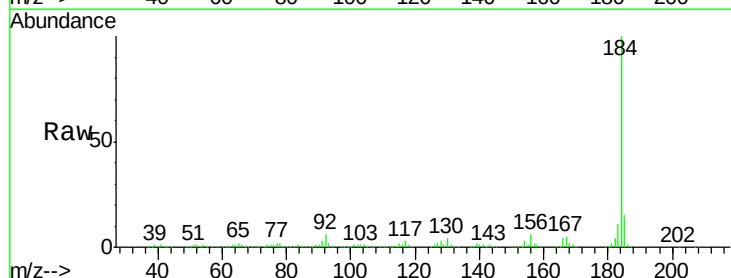
Tgt Ion:184 Resp: 812420

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

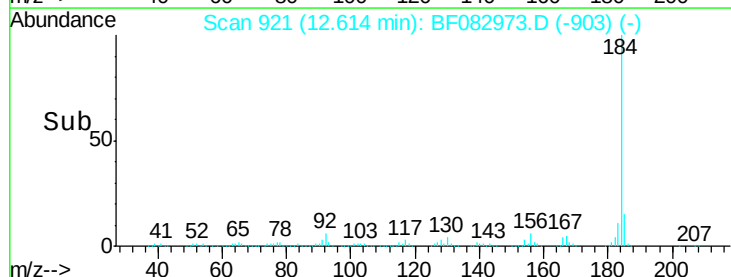
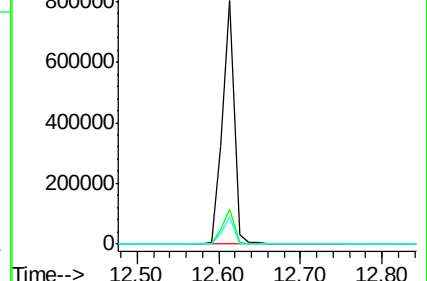
183 11.3 9.6 14.4

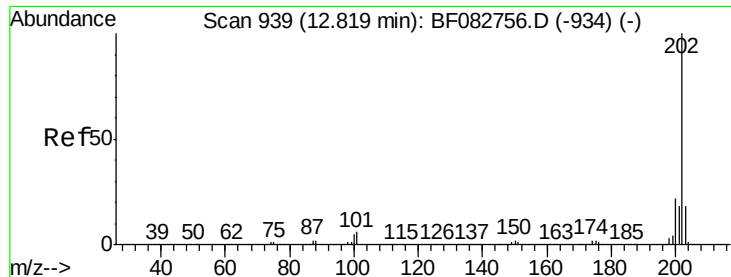


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

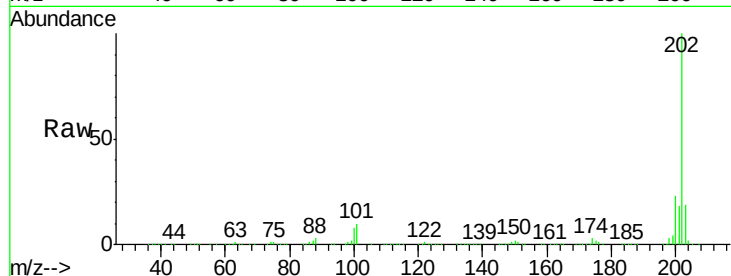




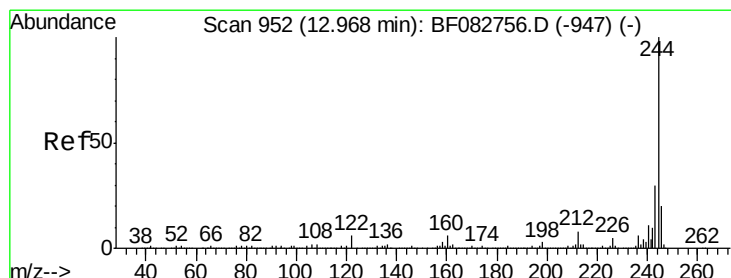
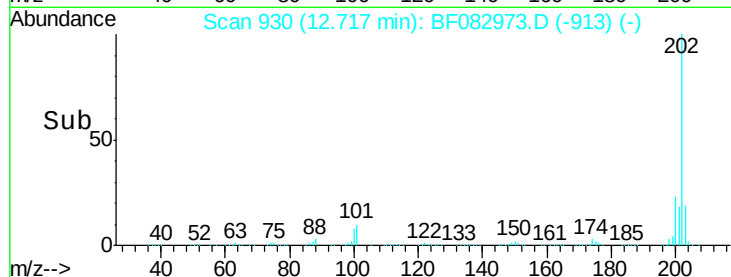
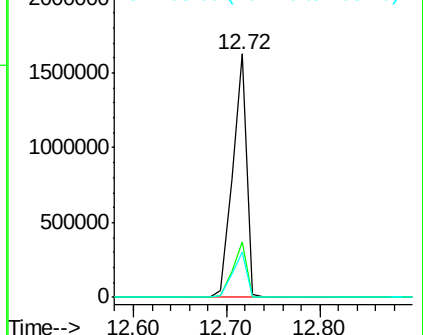
#77
Pvrene
Concen: 51.22 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.10 min
Lab File: BF082973.D
Acq: 17 Nov 2015 18:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1710094
Ion Ratio Lower Upper
202 100
200 22.9 18.7 28.1
203 18.6 14.8 22.2

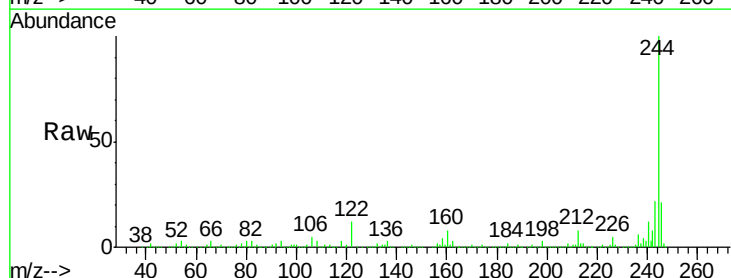


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

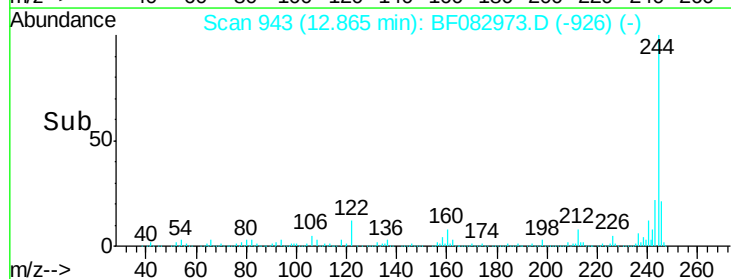
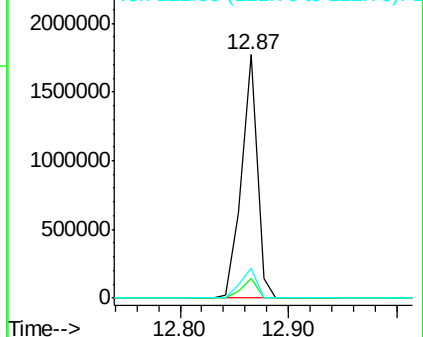


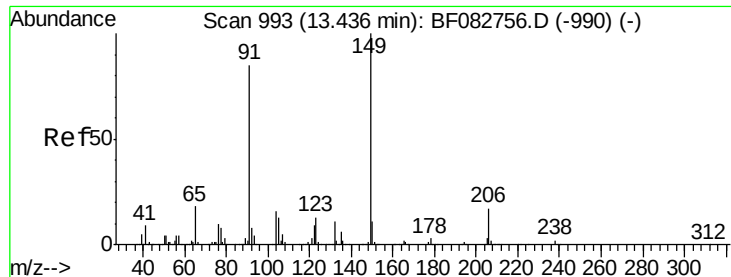
#78
Terphenyl-d14
Concen: 85.72 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.10 min
Lab File: BF082973.D
Acq: 17 Nov 2015 18:38

Tgt Ion:244 Resp: 1756927
Ion Ratio Lower Upper
244 100
212 8.2 7.6 11.4
122 12.5 11.3 16.9



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

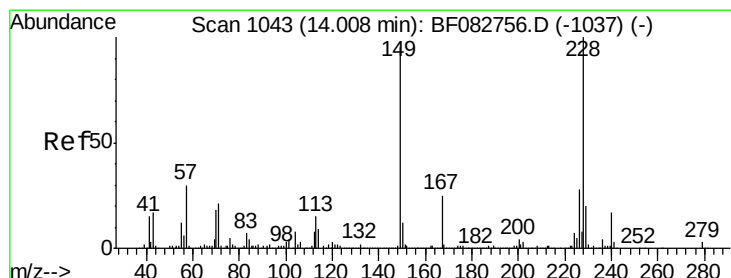
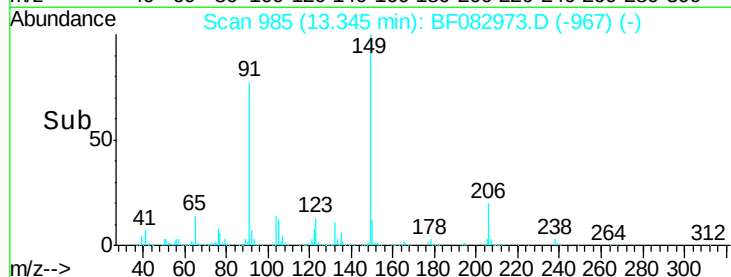
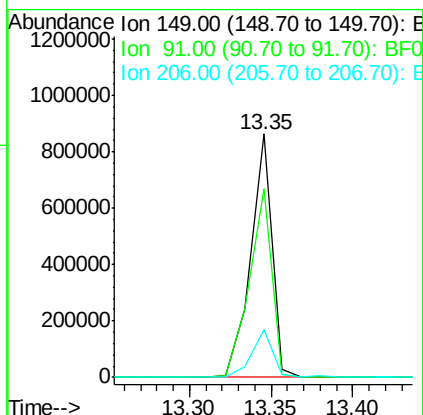
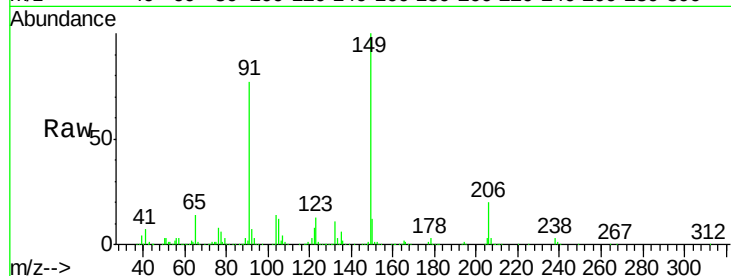




#79
 Butylbenzylphthalate
 Concen: 52.99 ng
 RT: 13.35 min Scan# 985
 Delta R.T. -0.09 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

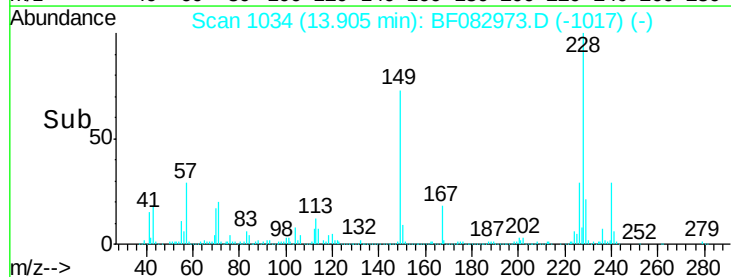
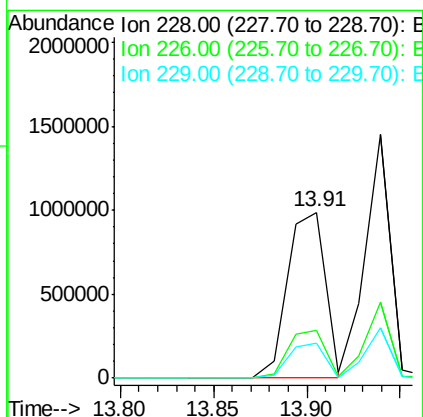
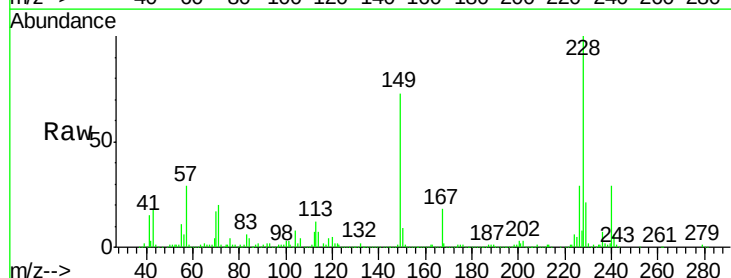
Instrument :
 BNA_F
 ClientSampleID :

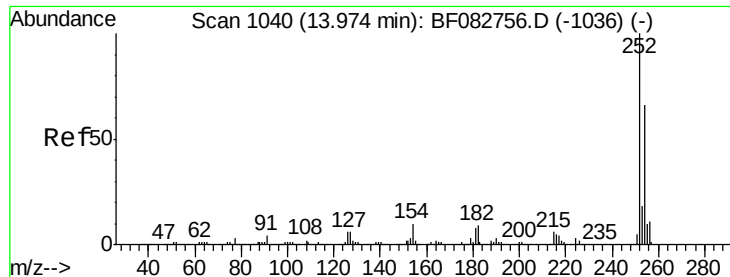
Tot Ion:149 Resp: 781555
 Ion Ratio Lower Upper
 149 100
 91 77.2 67.7 101.5
 206 19.6 14.6 22.0



#80
 Benzo(a)anthracene
 Concen: 46.11 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.10 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Tgt Ion:228 Resp: 1401836
 Ion Ratio Lower Upper
 228 100
 226 28.7 23.4 35.2
 229 20.7 16.3 24.5

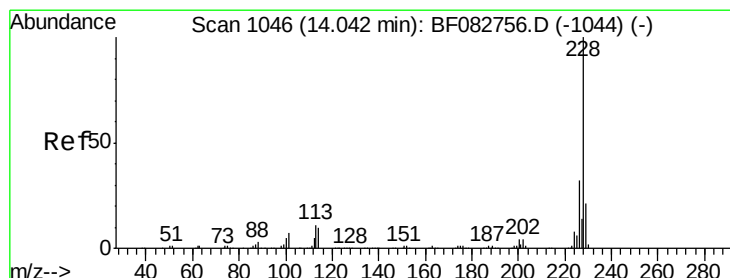
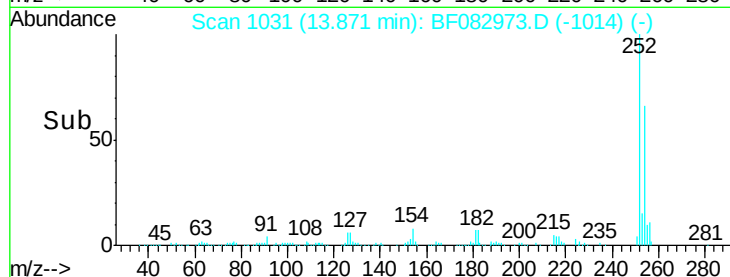
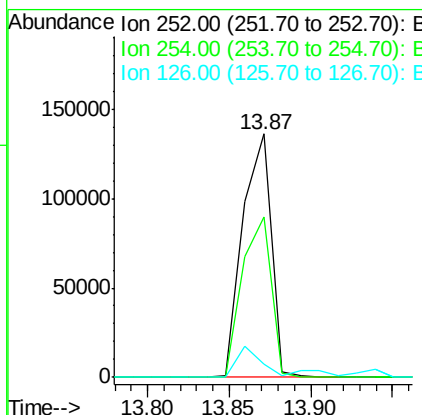
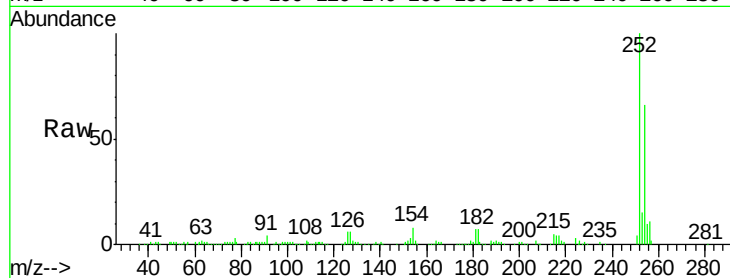




#81
 3,3'-Dichlorobenzidine
 Concen: 15.22 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.10 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

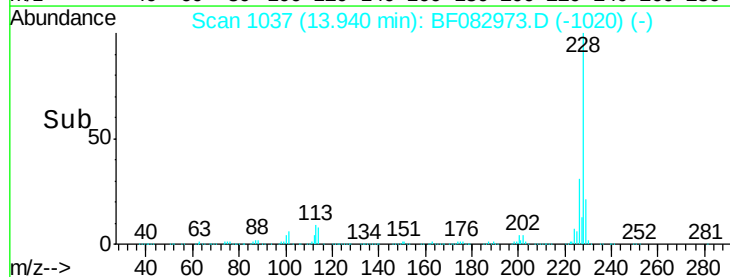
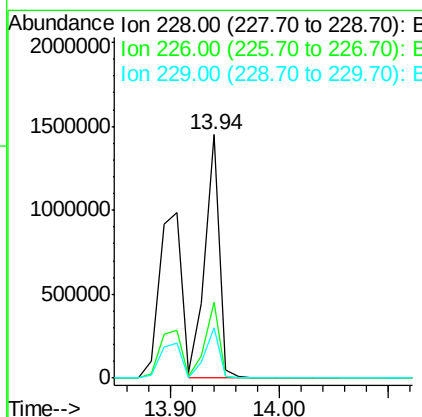
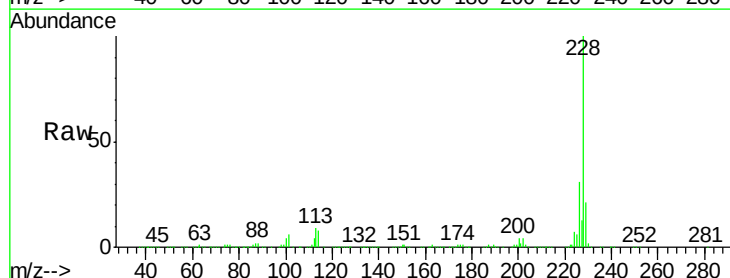
Instrument :
 BNA_F
 ClientSampleId :

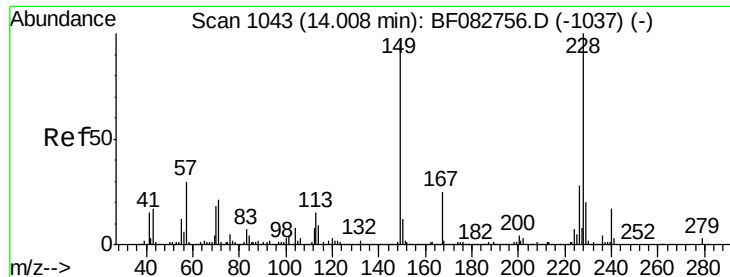
Tot Ion:252 Resp: 164529
 Ion Ratio Lower Upper
 252 100
 254 65.6 51.4 77.0
 126 5.6 10.7 16.1#



#82
 Chrysene
 Concen: 48.29 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.10 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Tgt Ion:228 Resp: 1344479
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.5 38.3
 229 20.5 16.3 24.5

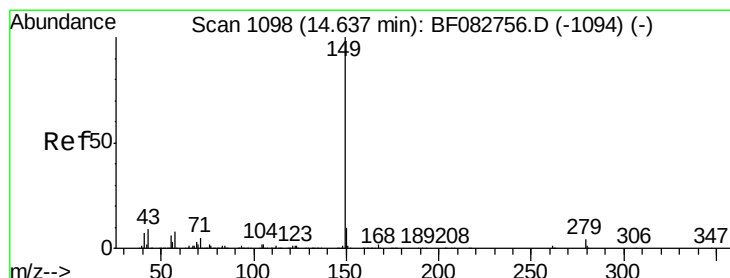
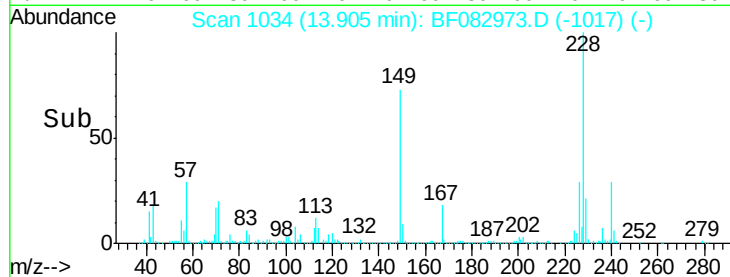
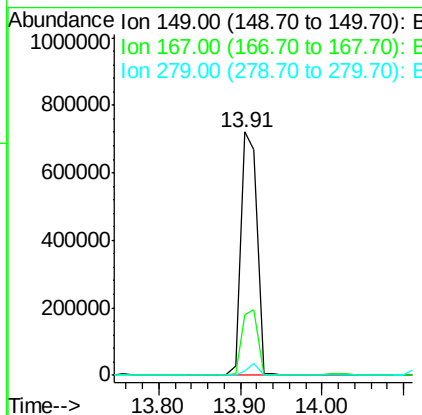
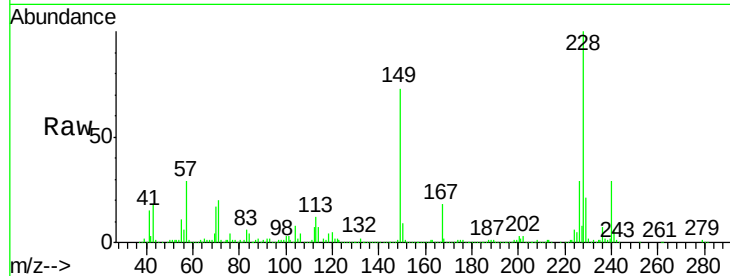




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.72 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.10 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

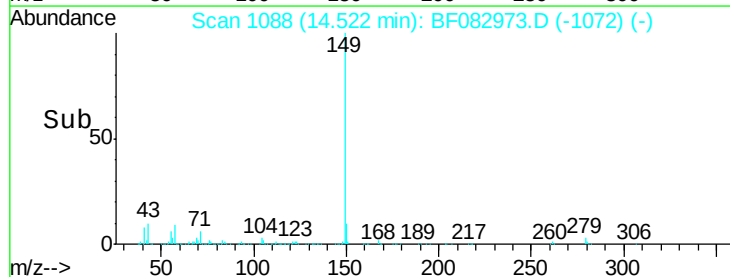
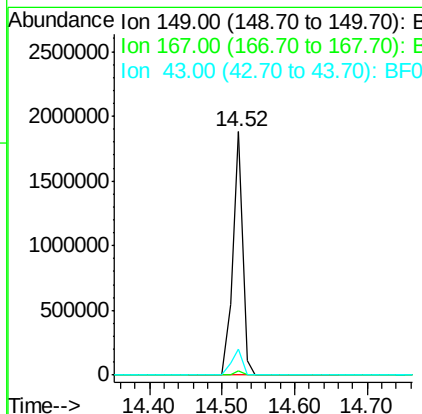
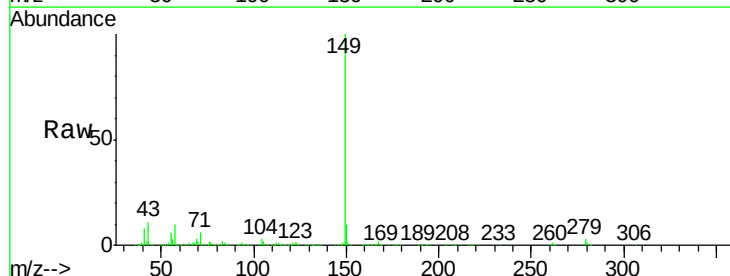
Instrument :
 BNA_F
 ClientSampled :

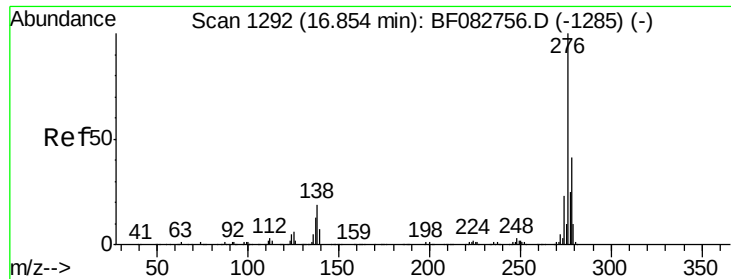
Tot Ion:149 Resp: 983492
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.2 31.8
 279 1.9 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 52.26 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.11 min
 Lab File: BF082973.D
 Acq: 17 Nov 2015 18:38

Tgt Ion:149 Resp: 1759783
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.7 10.1 15.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.72 ng

RT: 16.65 min Scan# 1274

Delta R.T. -0.21 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :

BNA_F

ClientSampleId :

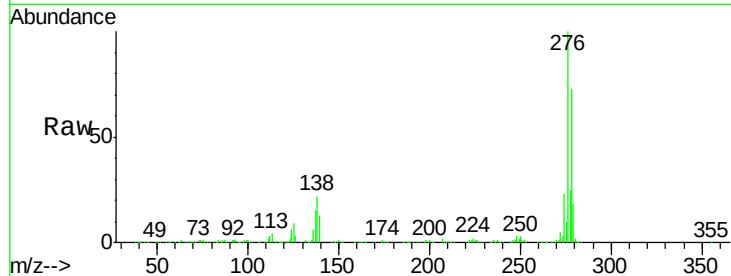
Tot Ion:276 Resp: 1072366

Ion Ratio Lower Upper

276 100

138 23.4 15.3 22.9#

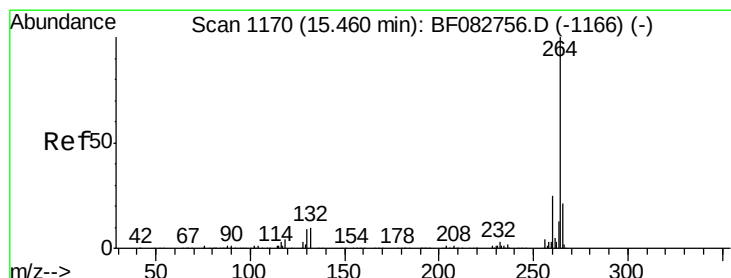
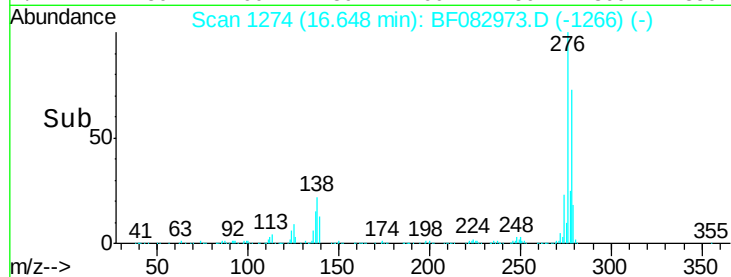
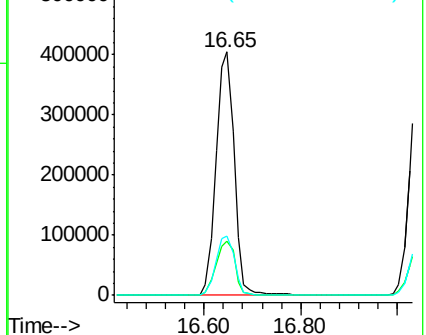
277 25.3 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.15 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

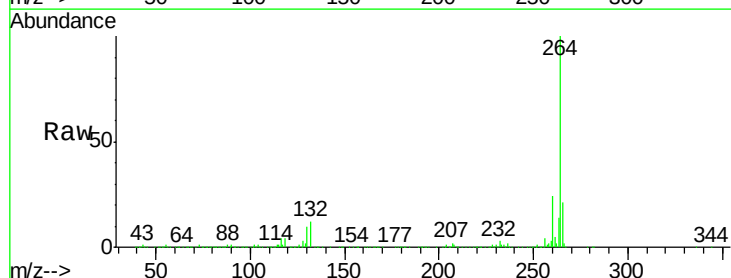
Tgt Ion:264 Resp: 469090

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

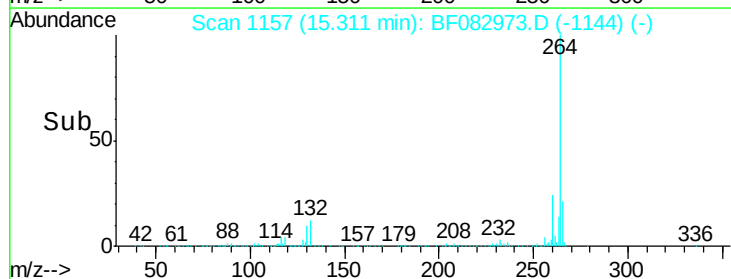
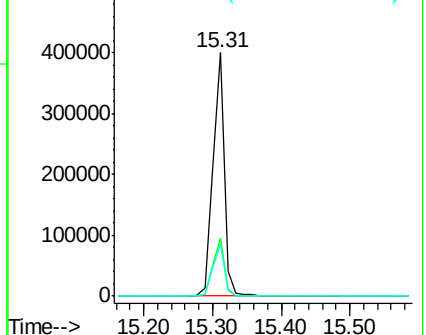
265 21.4 17.4 26.0

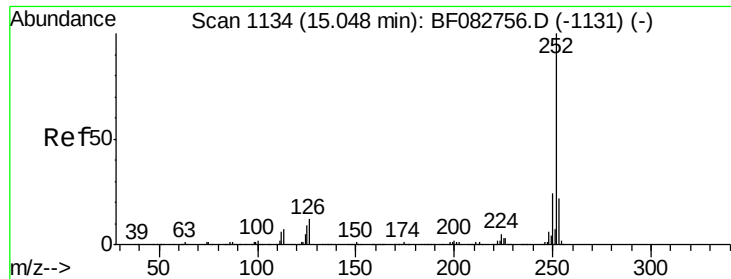


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

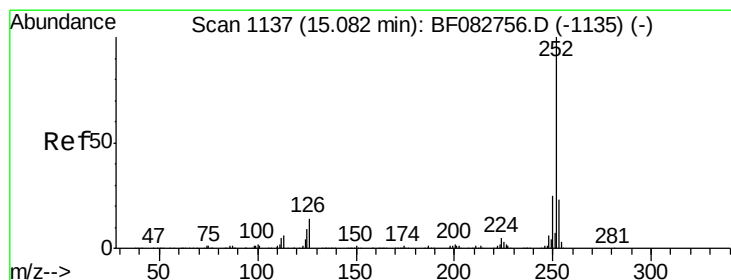
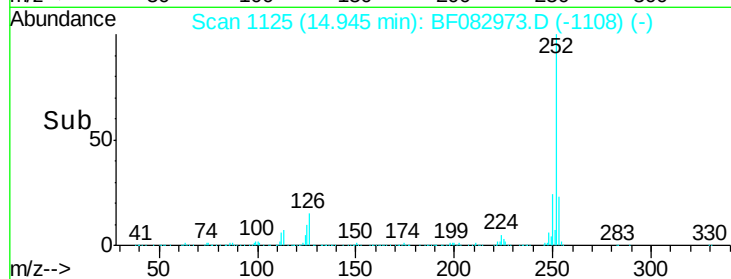
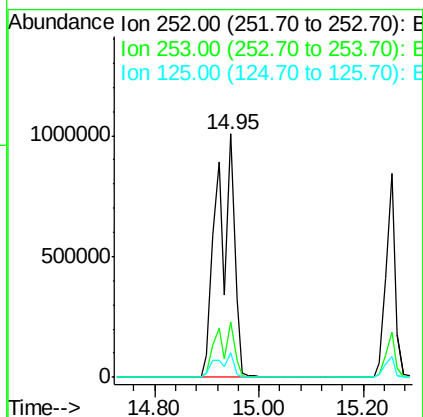
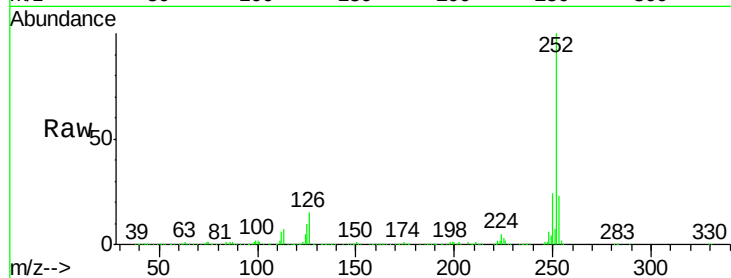




#87
Benzo(b)fluoranthene
Concen: 75.38 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.10 min
Lab File: BF082973.D
Acq: 17 Nov 2015 18:38

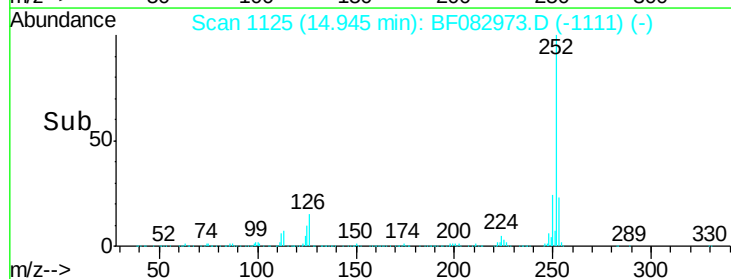
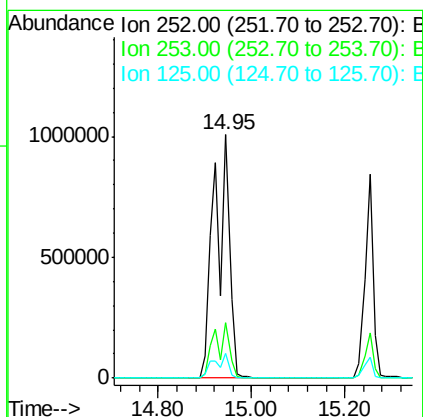
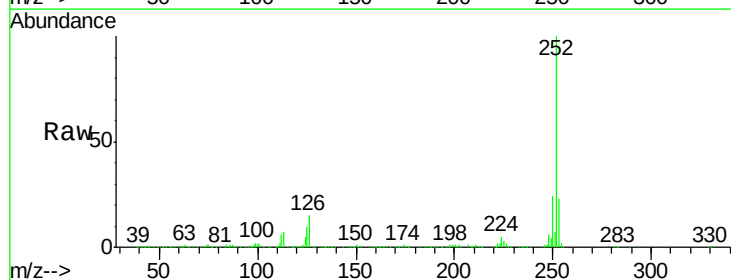
Instrument :
BNA_F
ClientSampleId :

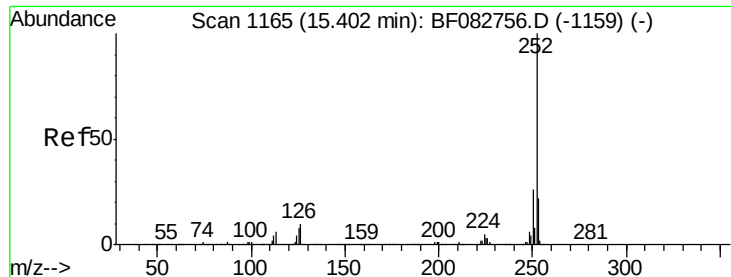
Tot Ion:252 Resp: 2269761
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 9.9 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 85.03 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.14 min
Lab File: BF082973.D
Acq: 17 Nov 2015 18:38

Tgt Ion:252 Resp: 2271151
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 9.9 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 40.22 ng

RT: 15.25 min Scan# 1152

Delta R.T. -0.15 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :

BNA_F

ClientSampleId :

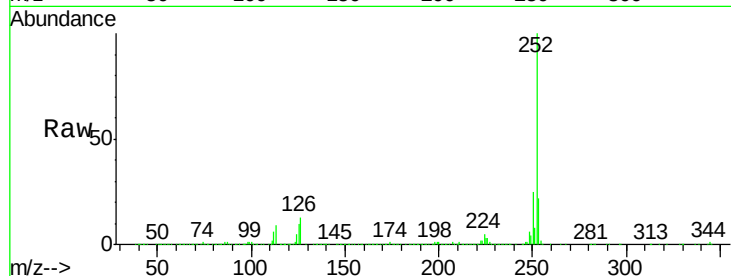
Tot Ion:252 Resp: 1049208

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

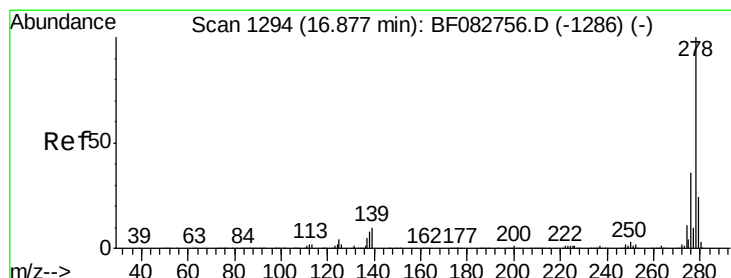
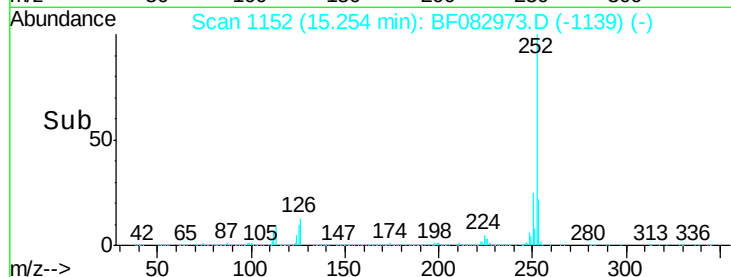
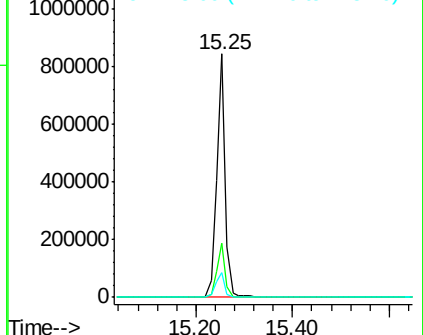
125 10.1 7.1 10.7



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



#90

Dibenzo(a,h)anthracene

Concen: 40.93 ng

RT: 16.66 min Scan# 1275

Delta R.T. -0.22 min

Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

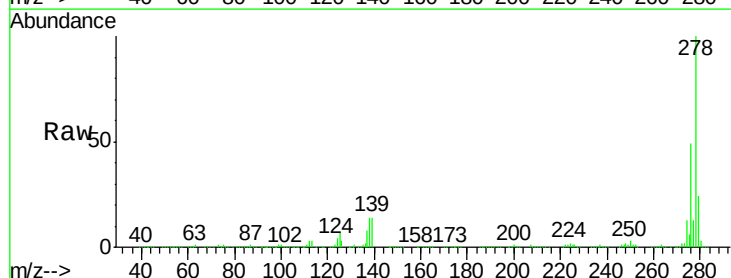
Tgt Ion:278 Resp: 904240

Ion Ratio Lower Upper

278 100

139 14.4 9.9 14.9

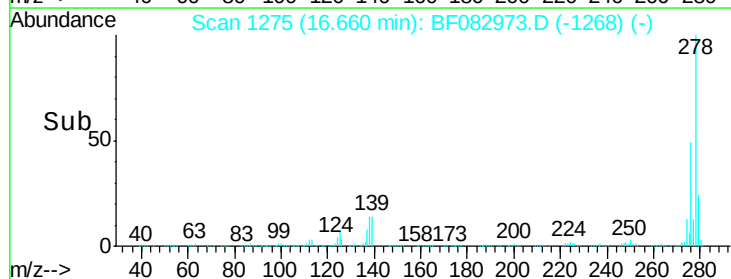
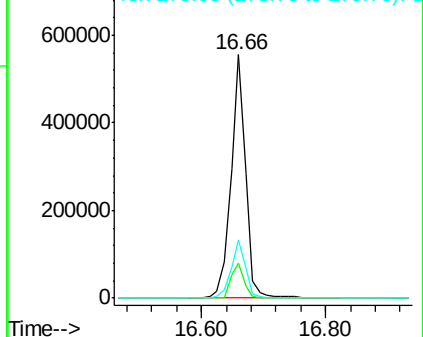
279 24.0 19.6 29.4

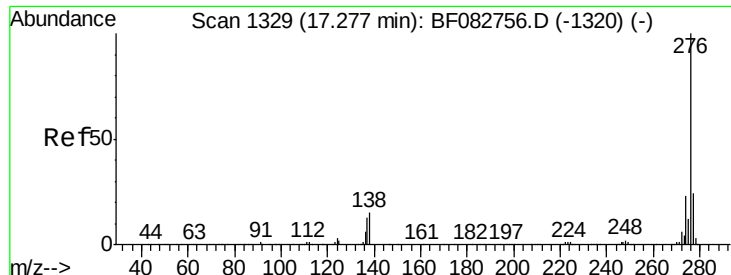


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.28 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.23 min

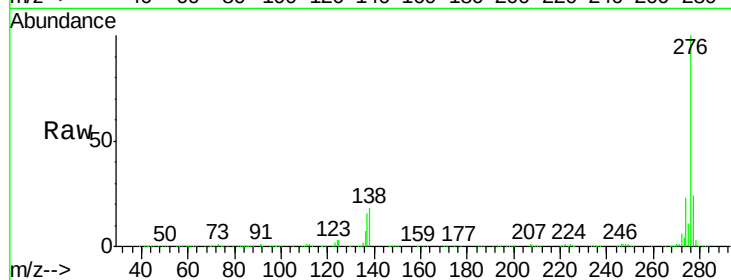
Lab File: BF082973.D

Acq: 17 Nov 2015 18:38

Instrument :

BNA_F

ClientSampleId :



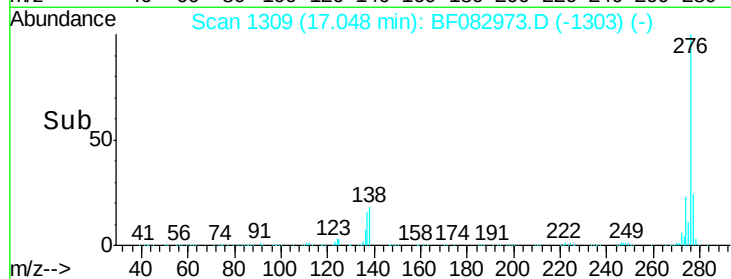
Tot Ion: 276 Resp: 873333

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 18.0 13.1 19.7



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

