

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF082990.D
 Acq On : 18 Nov 2015 2:54
 Operator : UM/IZ
 Sample : G4407-09MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 06:59:58 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	156979	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	609081	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	293614	20.00	ng	-0.10
63) Phenanthrene-d10	11.28	188	570359	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	432635	20.00	ng	-0.11
86) Perylene-d12	15.30	264	373755	20.00	ng	-0.16

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	629666	62.41	ng	-0.09
7) Phenol-d6	6.41	99	536369	39.99	ng	-0.08
23) Nitrobenzene-d5	7.32	82	1108742	79.21	ng	-0.09
41) 2,4,6-Tribromophenol	10.59	330	437776	130.04	ng	-0.09
44) 2-Fluorobiphenyl	9.13	172	1969150	96.12	ng	-0.09
78) Terphenyl-d14	12.87	244	1950069	106.91	ng	-0.10

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.30	88	79626	18.29	ng	94
3) Pyridine	3.00	79	187981	14.88	ng	93
4) n-Nitrosodimethylamine	2.91	42	100612	16.06	ng	# 74
6) Aniline	6.41	93	223247	11.85	ng	# 61
8) 2-Chlorophenol	6.54	128	400757	35.83	ng	97
9) Benzaldehyde	6.29	77	38969	5.26	ng	86
10) Phenol	6.42	94	192518	12.65	ng	95
11) bis(2-Chloroethyl)ether	6.49	93	451504	39.67	ng	94
12) 1,3-Dichlorobenzene	6.69	146	471637m	37.39	ng	
13) 1,4-Dichlorobenzene	6.77	146	487720	37.16	ng	93
14) 1,2-Dichlorobenzene	6.92	146	406315	34.04	ng	94
15) Benzyl Alcohol	6.90	79	266979	22.67	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	795289	47.64	ng	94
17) 2-Methylphenol	7.02	107	262921	27.75	ng	98
18) Hexachloroethane	7.26	117	161888	34.49	ng	92
19) n-Nitroso-di-n-propylamine	7.17	70	378412	38.38	ng	90
20) 3+4-Methylphenols	7.18	107	312697	25.39	ng	# 59
22) Acetophenone	7.16	105	683893	39.19	ng	# 97
24) Nitrobenzene	7.34	77	626342	43.75	ng	96
25) Isophorone	7.58	82	1065051	41.12	ng	97
26) 2-Nitrophenol	7.65	139	225030	37.66	ng	# 80
27) 2,4-Dimethylphenol	7.71	122	378992	35.30	ng	92
28) bis(2-Chloroethoxy)methane	7.80	93	661930	45.31	ng	98
29) 2,4-Dichlorophenol	7.90	162	359080	37.01	ng	89
30) 1,2,4-Trichlorobenzene	7.98	180	398514	36.52	ng	96
31) Naphthalene	8.06	128	1314847	39.13	ng	99
32) Benzoic acid	7.79	122	67317	9.16	ng	91
33) 4-Chloroaniline	8.11	127	153194	10.58	ng	92
34) Hexachlorobutadiene	8.19	225	249476	36.53	ng	98
35) Caprolactam	8.48	113	17744	5.80	ng	92
36) 4-Chloro-3-methylphenol	8.60	107	369264	32.36	ng	93
37) 2-Methylnaphthalene	8.75	142	810940	37.30	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	378114	39.19	ng	97
40) Hexachlorocyclopentadiene	8.91	237	379211	73.15	ng	99

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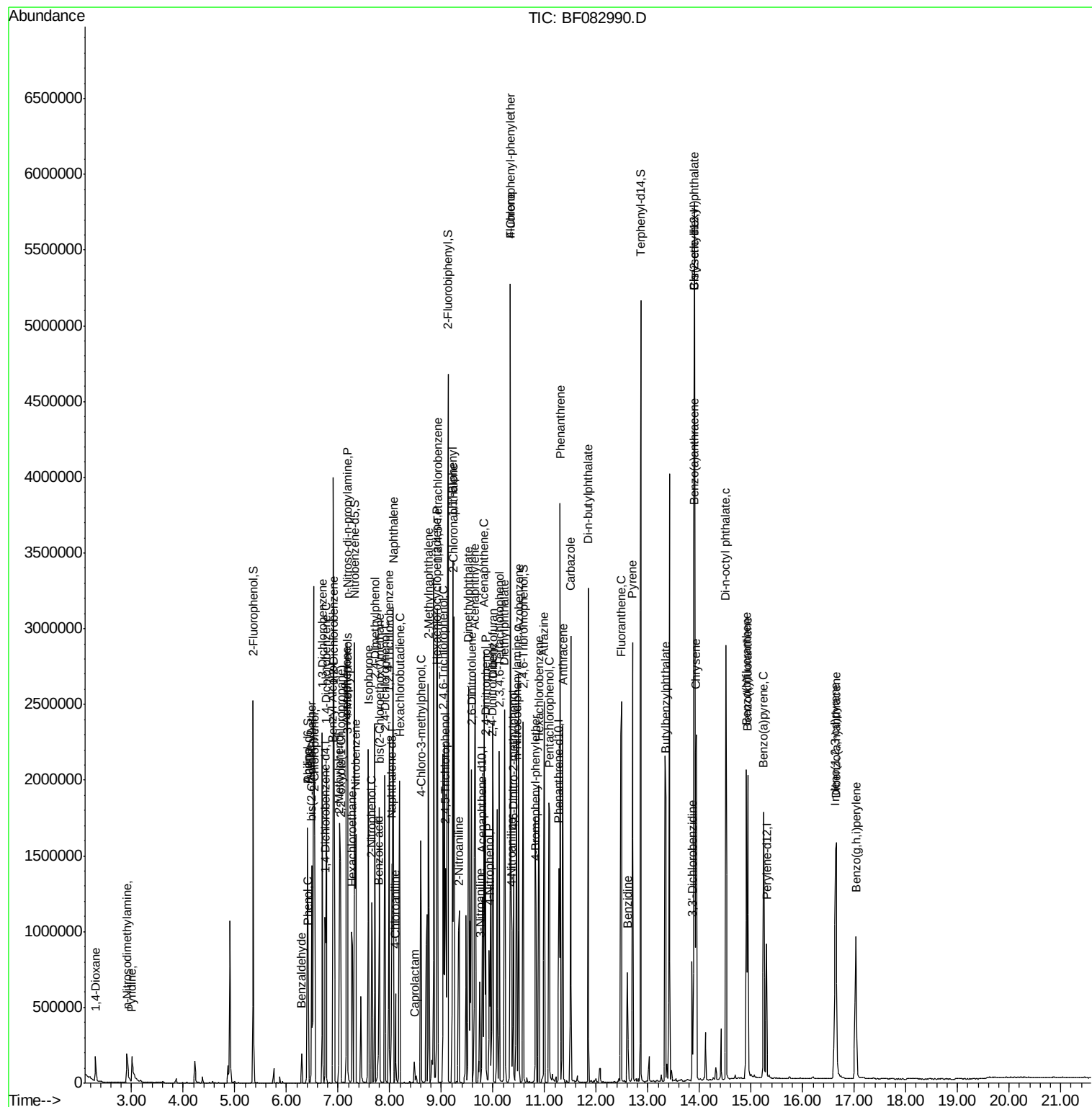
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	270864	37.61	ng	98
43) 2,4,5-Trichlorophenol	9.08	196	291616	40.94	ng	92
45) 1,1'-Biphenyl	9.22	154	993744	39.44	ng	95
46) 2-Chloronaphthalene	9.24	162	831134	42.29	ng	97
47) 2-Nitroaniline	9.33	65	289413	39.70	ng	93
48) Acenaphthylene	9.65	152	1220135	39.62	ng	98
49) Dimethylphthalate	9.53	163	954360	39.67	ng	100
50) 2,6-Dinitrotoluene	9.58	165	230111	44.83	ng	91
51) Acenaphthene	9.82	154	896249	45.91	ng	99
52) 3-Nitroaniline	9.74	138	87210	15.45	ng	# 86
53) 2,4-Dinitrophenol	9.86	184	242563	86.07	ng	# 20
54) Dibenzofuran	10.00	168	1150782	43.73	ng	94
55) 4-Nitrophenol	9.93	139	130725	30.19	ng	# 87
56) 2,4-Dinitrotoluene	9.98	165	276506	39.70	ng	99
57) Fluorene	10.34	166	843234	39.56	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	242238	41.67	ng	# 92
59) Diethylphthalate	10.22	149	948127	40.37	ng	98
60) 4-Chlorophenyl-phenylether	10.34	204	457576	42.91	ng	96
61) 4-Nitroaniline	10.36	138	161723	28.49	ng	# 79
62) Azobenzene	10.50	77	1220791	48.39	ng	94
64) 4,6-Dinitro-2-methylphenol	10.40	198	170636	41.99	ng	83
65) n-Nitrosodiphenylamine	10.46	169	828950	40.23	ng	98
66) 4-Bromophenyl-phenylether	10.83	248	285604	41.59	ng	98
67) Hexachlorobenzene	10.89	284	297202	38.76	ng	# 87
68) Atrazine	10.99	200	265074	41.60	ng	95
69) Pentachlorophenol	11.09	266	341314	73.30	ng	98
70) Phenanthrene	11.30	178	1356086	40.94	ng	99
71) Anthracene	11.36	178	1458868	41.81	ng	98
72) Carbazole	11.51	167	1167886	38.24	ng	99
73) Di-n-butylphthalate	11.85	149	1519317	39.93	ng	99
74) Fluoranthene	12.49	202	1548510	43.57	ng	96
76) Benzidine	12.60	184	279039	19.24	ng	98
77) Pyrene	12.71	202	1469569	49.46	ng	99
79) Butylbenzylphthalate	13.35	149	721208	54.95	ng	# 73
80) Benzo(a)anthracene	13.89	228	1273498	47.07	ng	99
81) 3,3'-Dichlorobenzidine	13.86	252	147984	15.39	ng	99
82) Chrysene	13.94	228	1240583	50.07	ng	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	901448	50.18	ng	100
84) Di-n-octyl phthalate	14.51	149	1505891	50.25	ng	97
85) Indeno(1,2,3-cd)pyrene	16.64	276	973782	45.63	ng	# 95
87) Benzo(b)fluoranthene	14.91	252	1039871m	43.34	ng	
88) Benzo(k)fluoranthene	14.93	252	931590m	43.77	ng	
89) Benzo(a)pyrene	15.24	252	886982	42.67	ng	# 96
90) Dibenzo(a,h)anthracene	16.65	278	823688	46.80	ng	97
91) Benzo(g,h,i)perylene	17.04	276	830347	49.25	ng	98

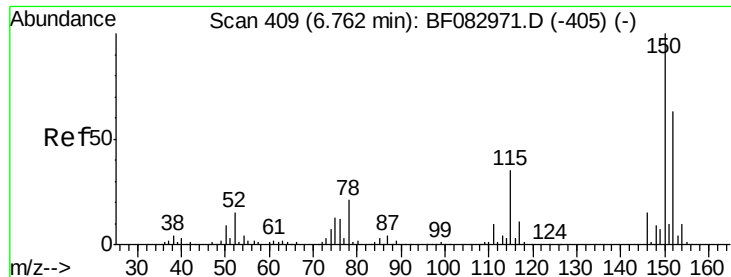
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampleId :

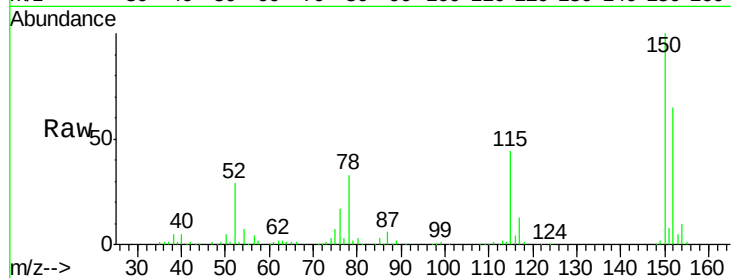
Tgt Ion:152 Resp: 156979

Ion Ratio Lower Upper

152 100

150 153.3 127.0 190.4

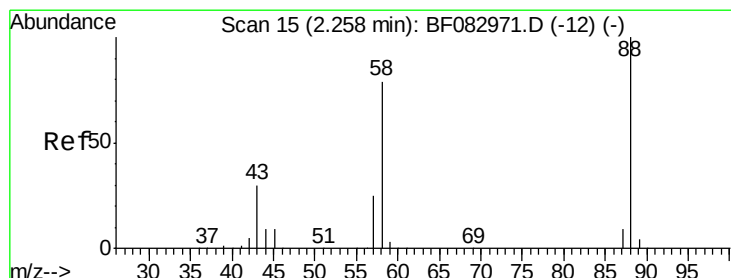
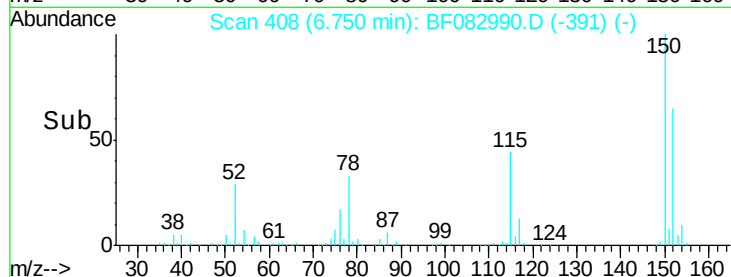
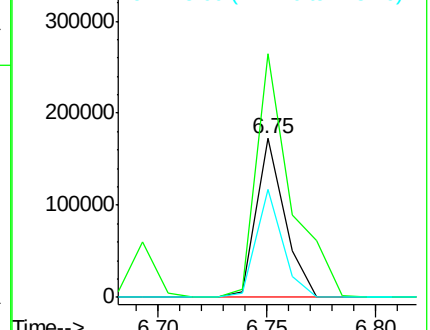
115 67.6 47.0 70.6



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: 18.29 ng

RT: 2.30 min Scan# 19

Delta R.T. -0.14 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

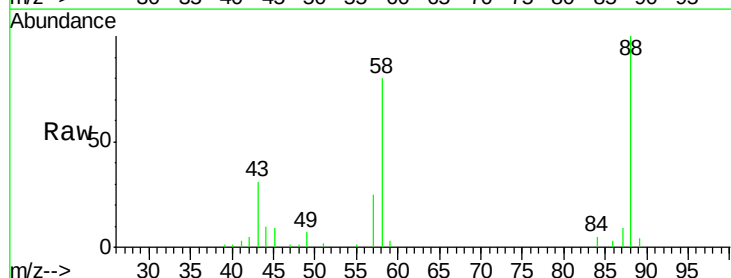
Tgt Ion: 88 Resp: 79626

Ion Ratio Lower Upper

88 100

58 83.2 62.0 93.0

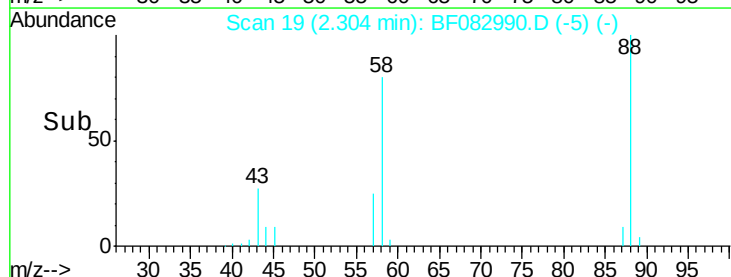
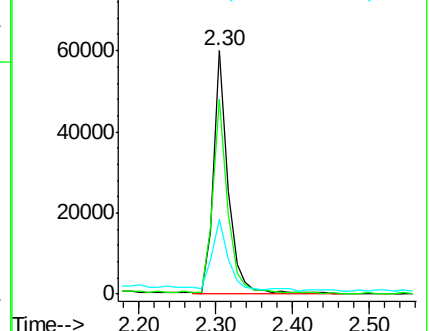
43 30.7 26.6 40.0

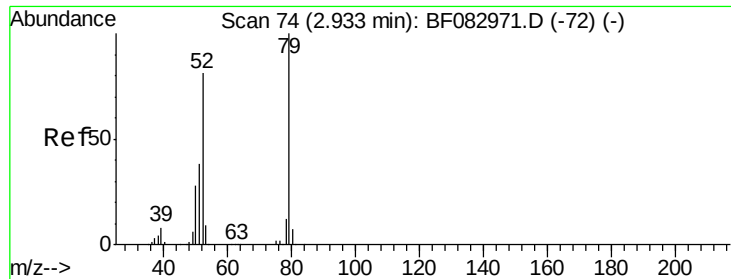


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 14.88 ng

RT: 3.00 min Scan# 80

Delta R.T. -0.15 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampleId :

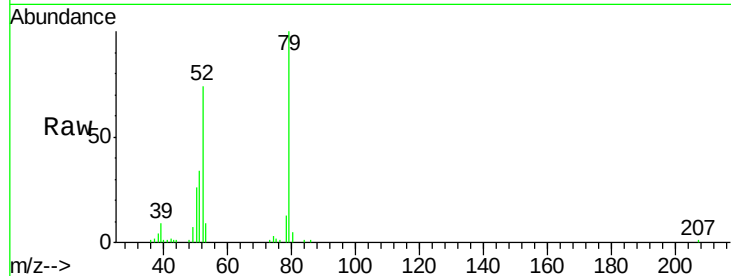
Tgt Ion: 79 Resp: 187981

Ion Ratio Lower Upper

79 100

52 73.5 62.8 94.2

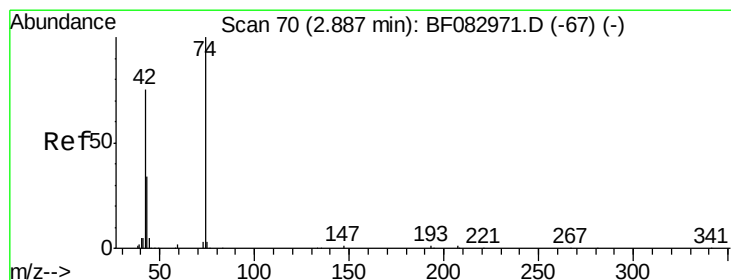
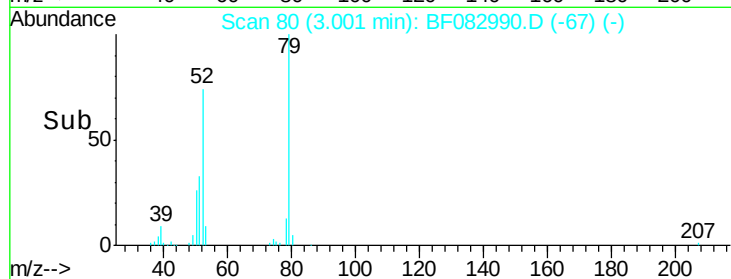
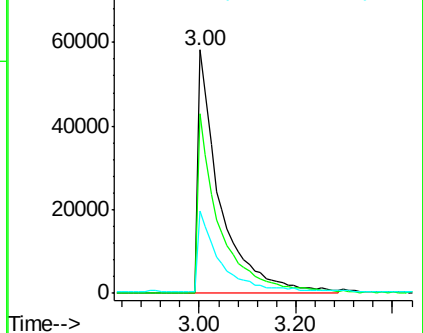
51 33.9 32.0 48.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 16.06 ng

RT: 2.91 min Scan# 72

Delta R.T. -0.19 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

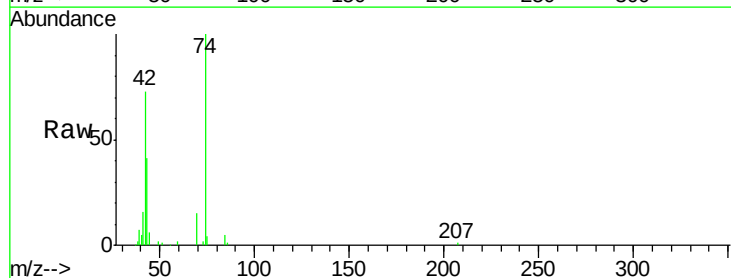
Tgt Ion: 42 Resp: 100612

Ion Ratio Lower Upper

42 100

74 137.8 87.0 130.4#

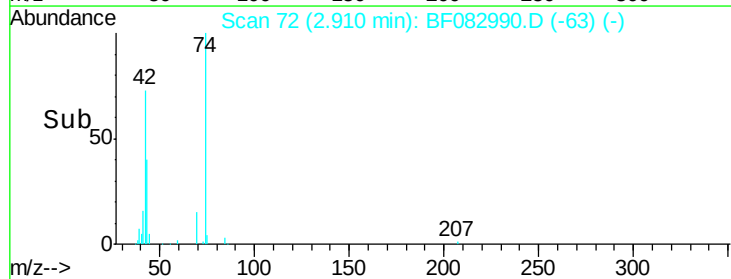
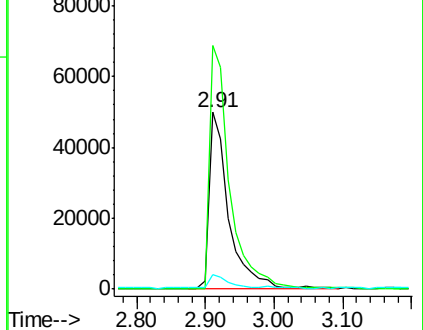
44 8.2 5.8 8.8

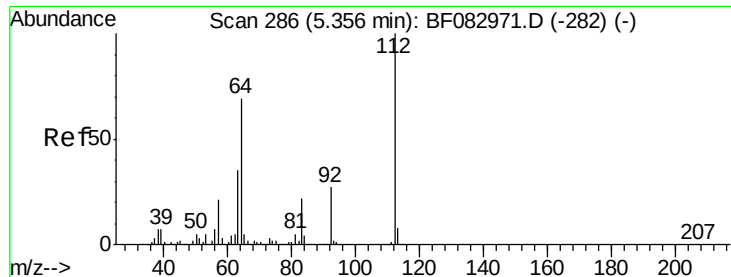


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 62.41 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.09 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampleId :

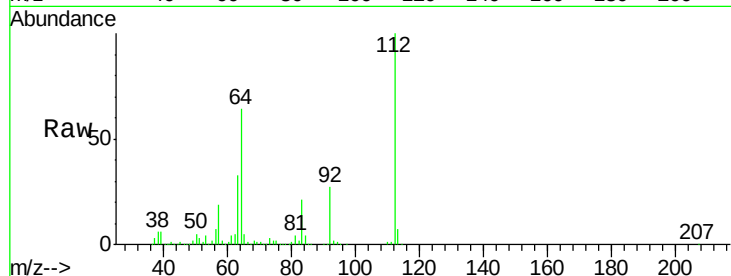
Tgt Ion: 112 Resp: 629666

Ion Ratio Lower Upper

112 100

64 63.8 48.9 73.3

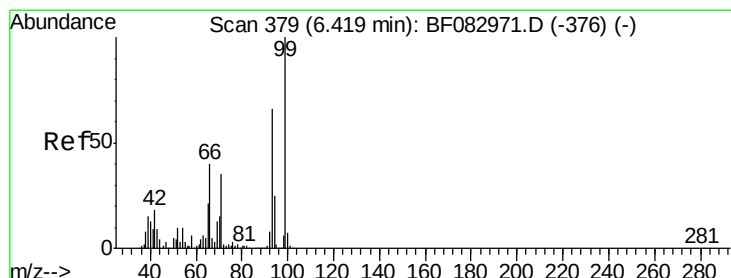
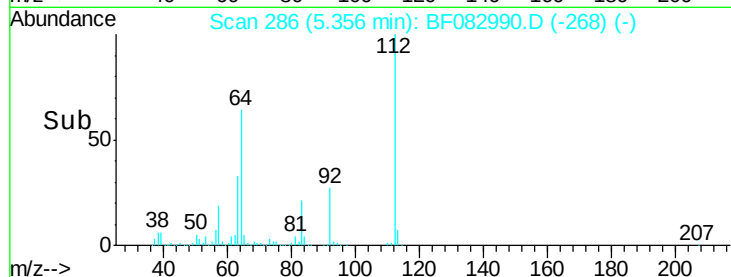
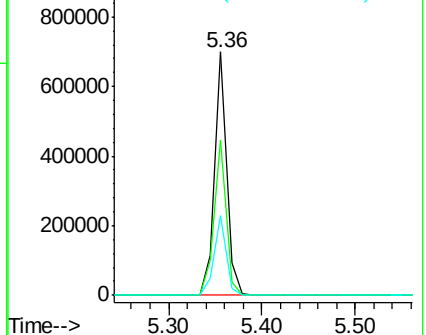
63 33.0 28.1 42.1



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: 11.85 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

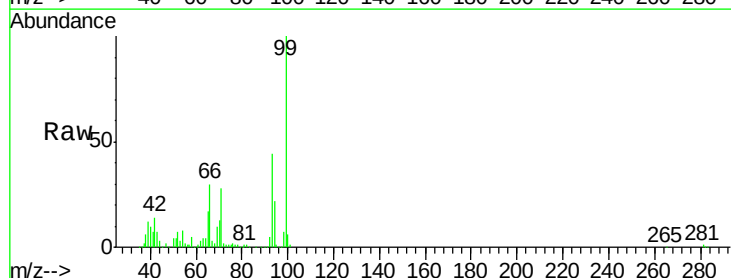
Tgt Ion: 93 Resp: 223247

Ion Ratio Lower Upper

93 100

66 69.0 33.6 50.4#

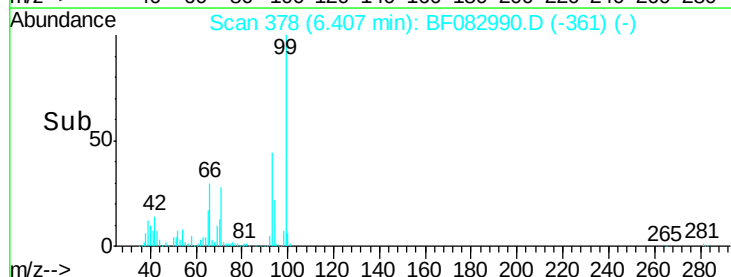
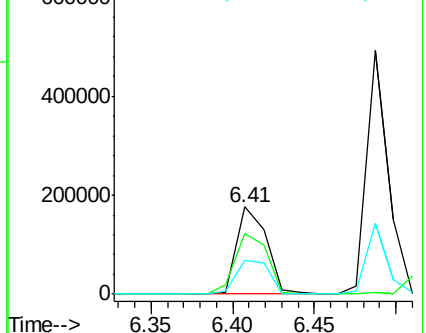
65 38.0 18.1 27.1#

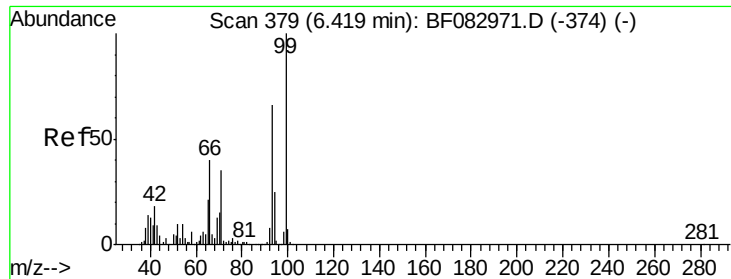


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 39.99 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.08 min

Lab File: BF082990.D

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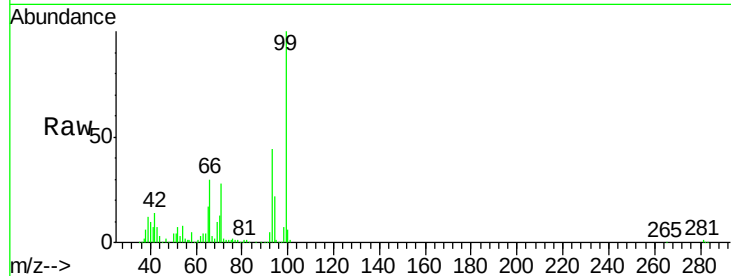
Tgt Ion: 99 Resp: 536369

Ion Ratio Lower Upper

99 100

42 13.9 19.2 28.8#

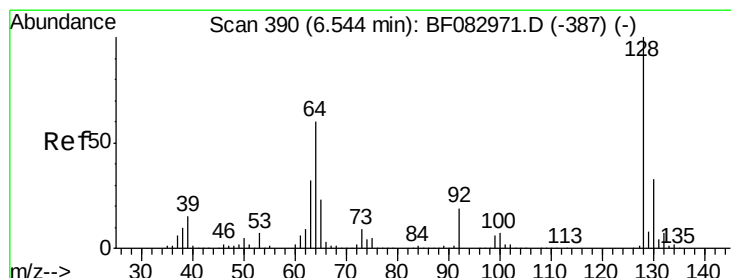
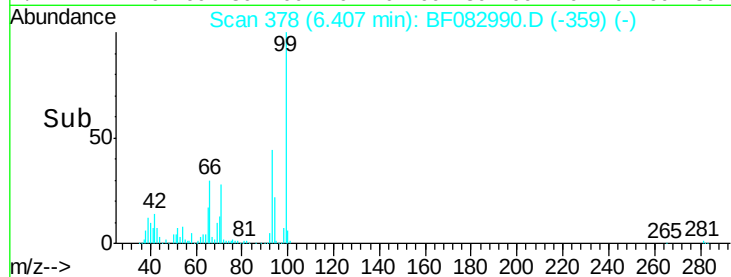
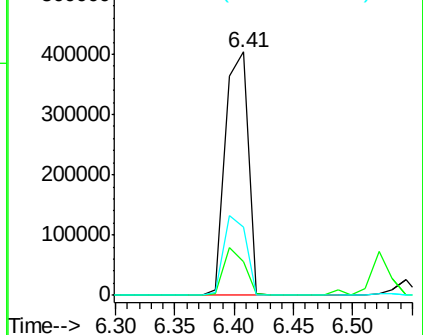
71 28.3 35.0 52.4#



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: 35.83 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.09 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

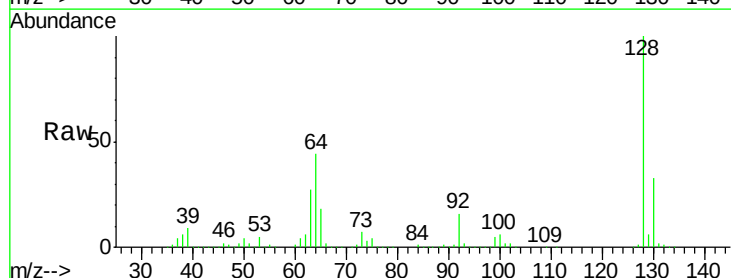
Tgt Ion: 128 Resp: 400757

Ion Ratio Lower Upper

128 100

130 33.4 13.5 53.5

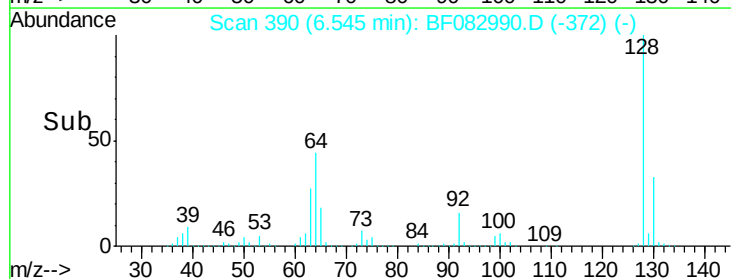
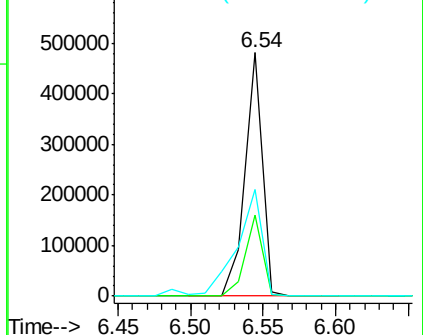
64 43.8 21.1 61.1

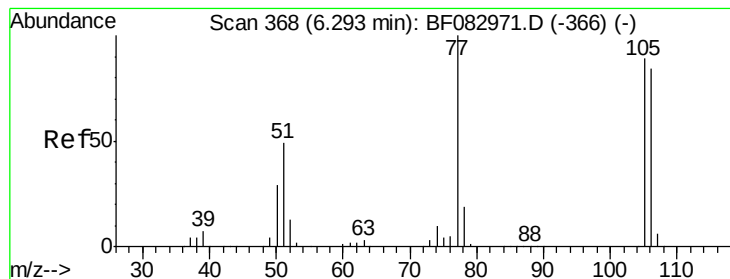


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.26 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.10 min

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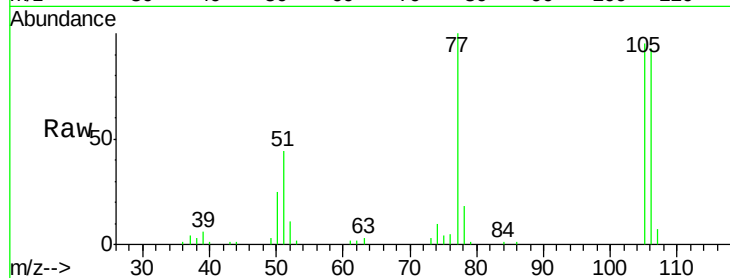
Tgt Ion: 77 Resp: 38969

Ion Ratio Lower Upper

77 100

105 94.7 63.5 103.5

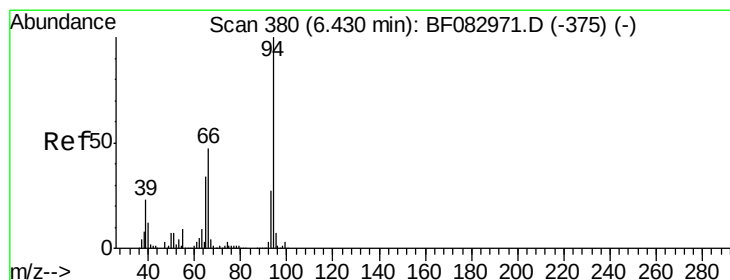
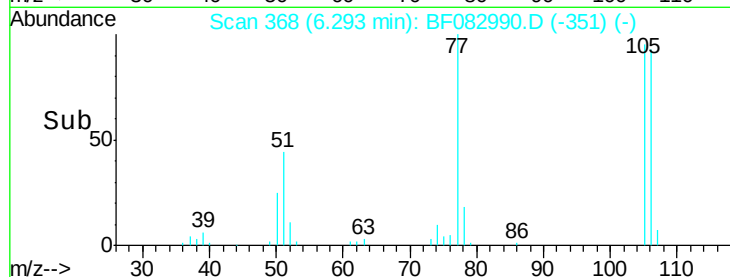
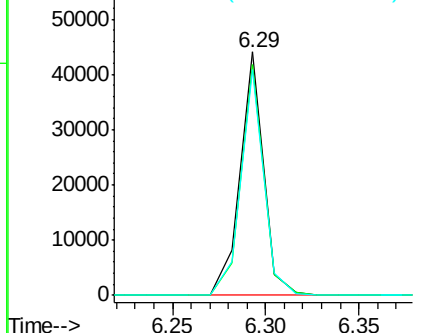
106 92.6 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 12.65 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.08 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

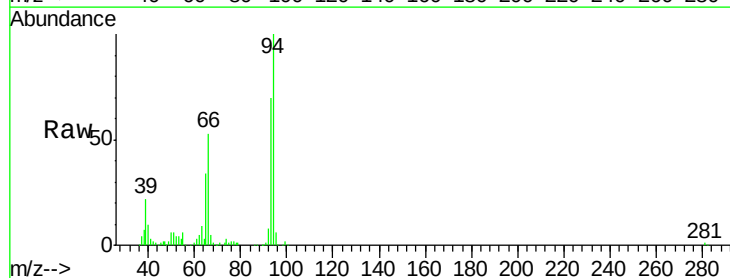
Tgt Ion: 94 Resp: 192518

Ion Ratio Lower Upper

94 100

65 34.3 18.9 58.9

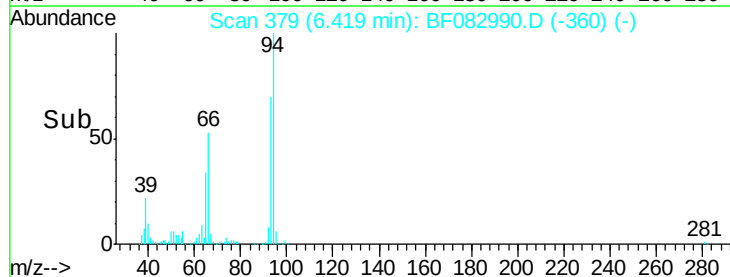
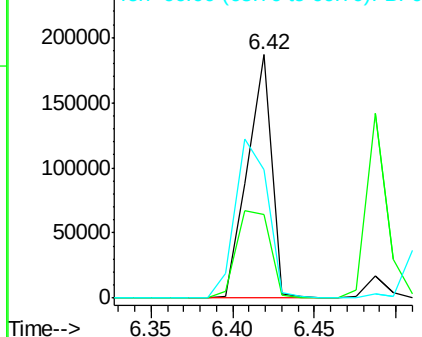
66 52.6 34.9 74.9

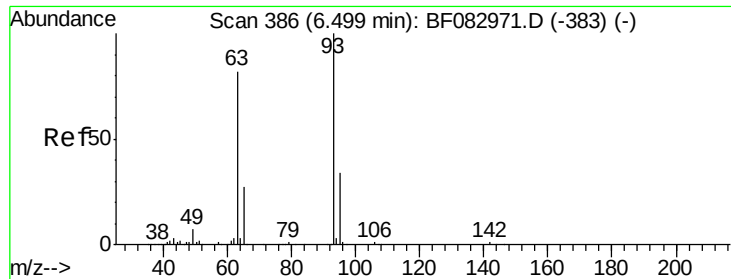


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

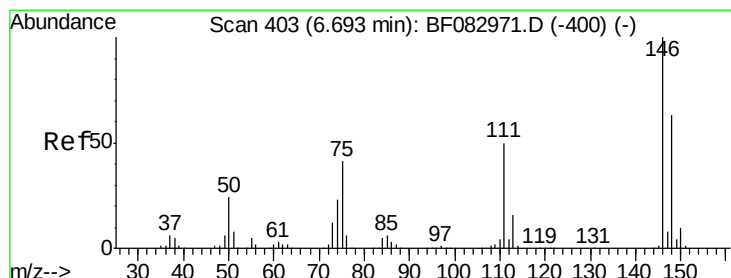
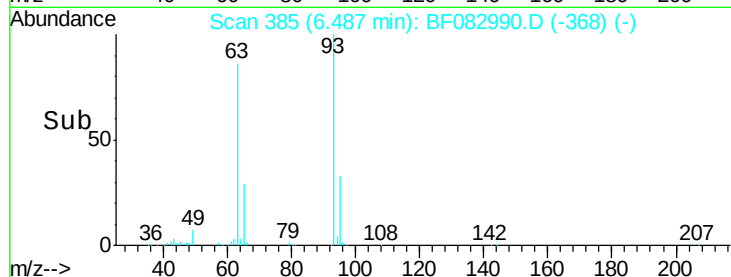
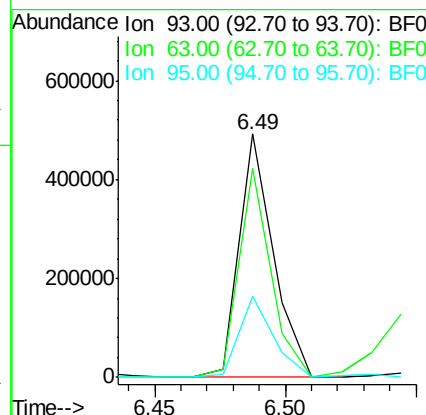
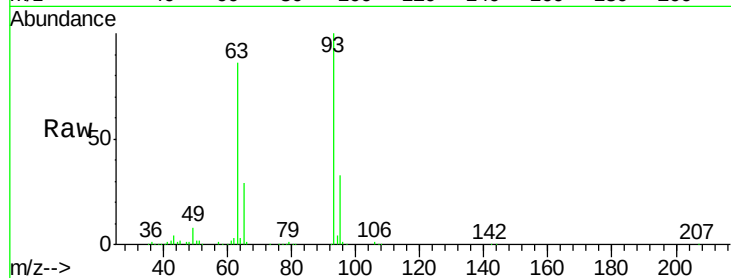




#11
bis(2-Chloroethyl)ether
Concen: 39.67 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

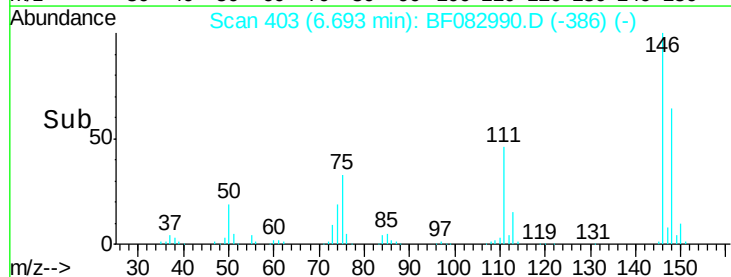
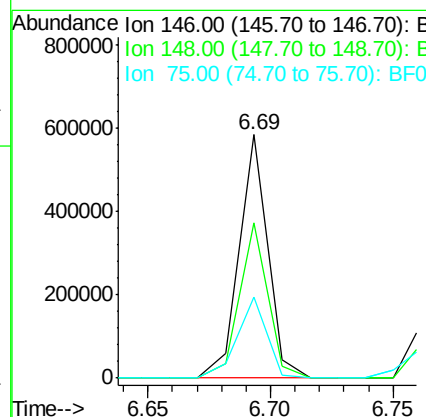
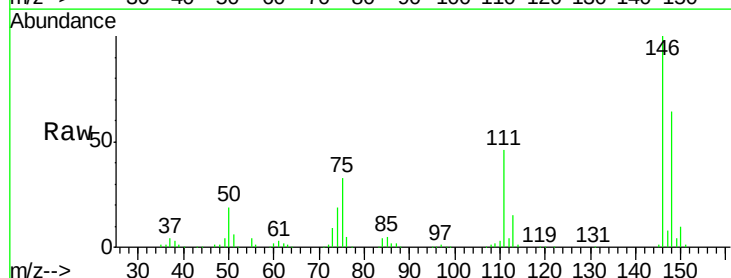
Instrument :
BNA_F
ClientSampleId :

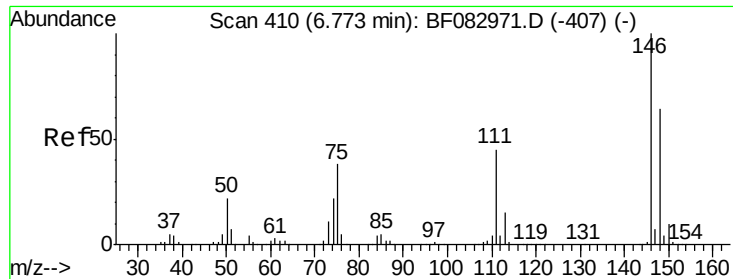
Tgt Ion: 93 Resp: 451504
Ion Ratio Lower Upper
93 100
63 85.9 72.7 112.7
95 33.1 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 37.39 ng m
RT: 6.69 min Scan# 403
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion: 146 Resp: 471637
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
75 33.4 39.5 59.3#

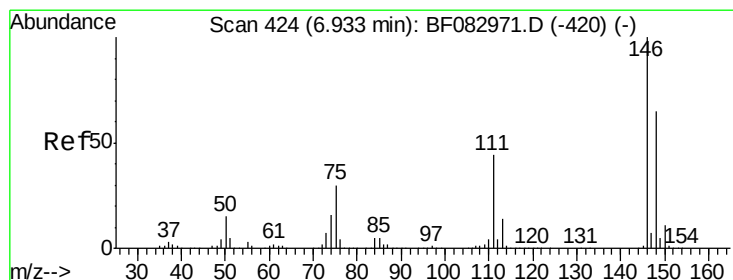
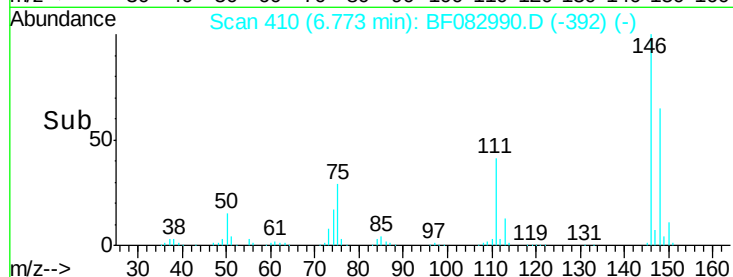
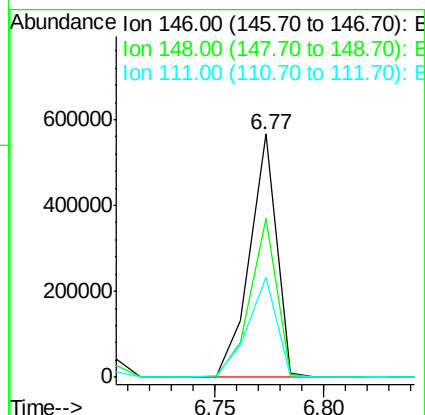
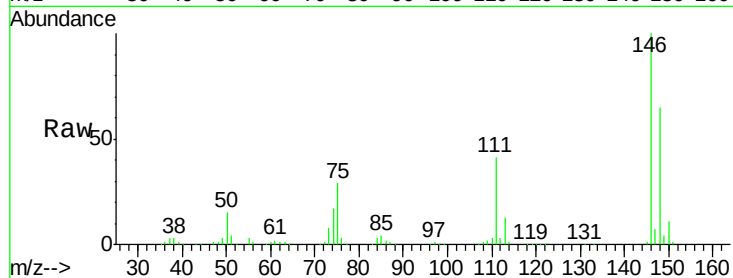




#13
 1,4-Dichlorobenzene
 Concen: 37.16 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

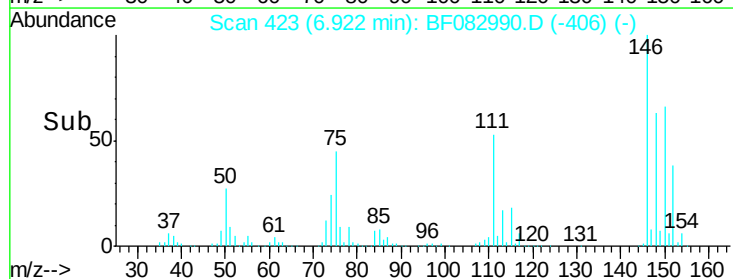
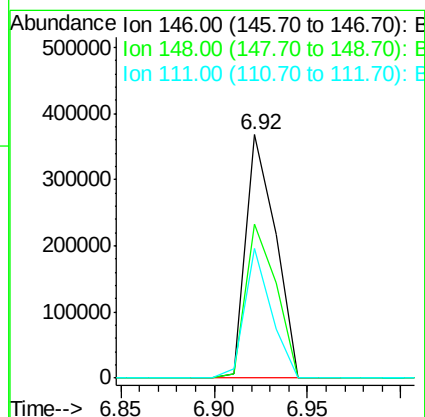
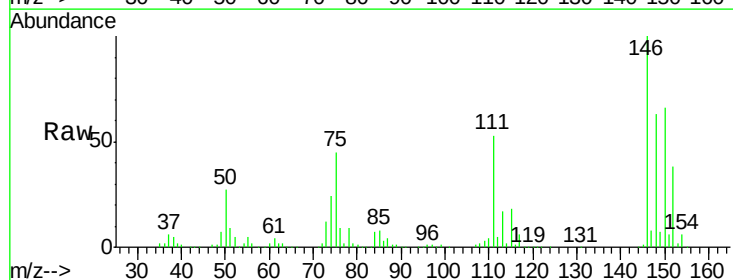
Instrument :
 BNA_F
 ClientSampleId :

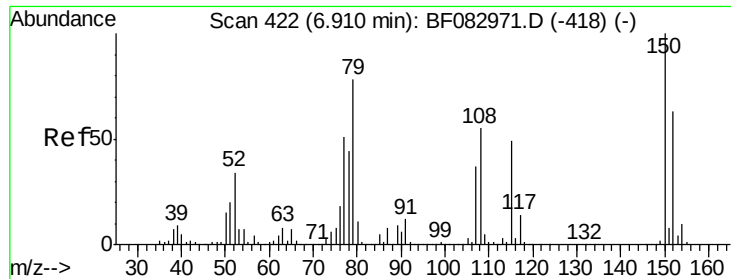
Tgt Ion:146 Resp: 487720
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.8 76.2
 111 41.2 40.6 60.8



#14
 1,2-Dichlorobenzene
 Concen: 34.04 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.10 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion:146 Resp: 406315
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.2 78.4
 111 53.5 36.6 55.0





#15

Benzyl Alcohol

Concen: 22.67 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.09 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampled :

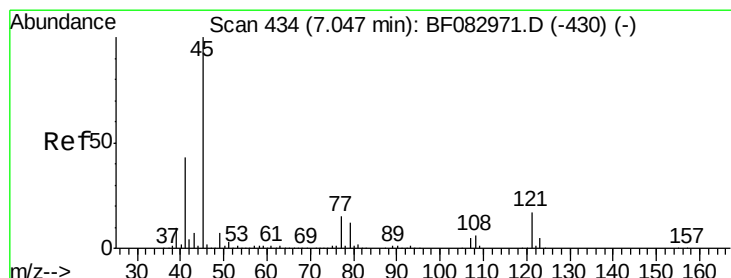
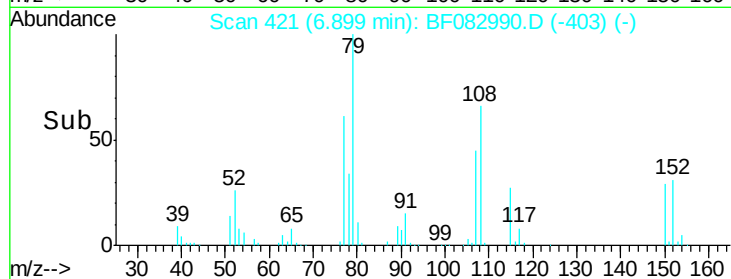
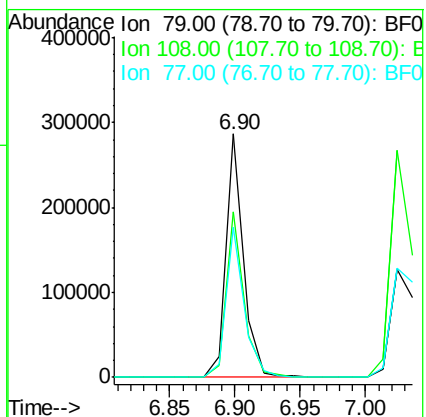
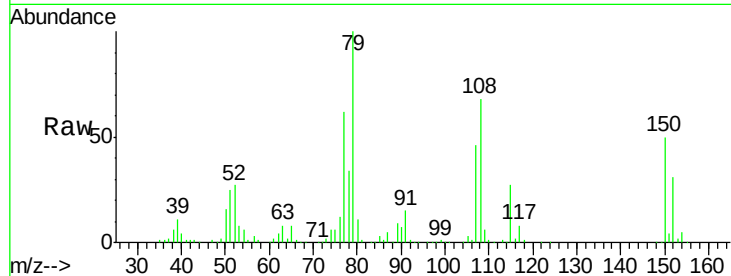
Tgt Ion: 79 Resp: 266979

Ion Ratio Lower Upper

79 100

108 67.9 52.2 78.4

77 61.6 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.64 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.09 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

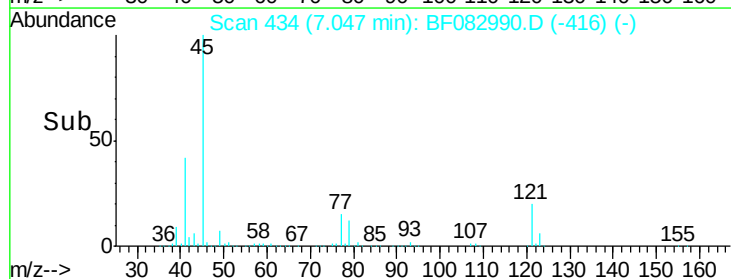
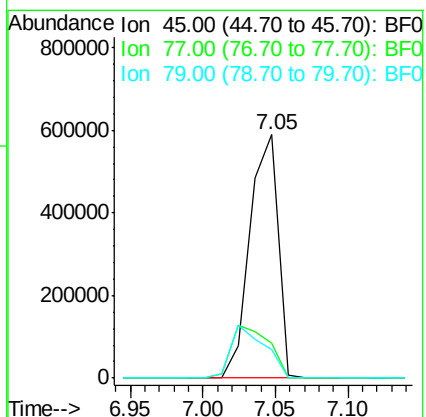
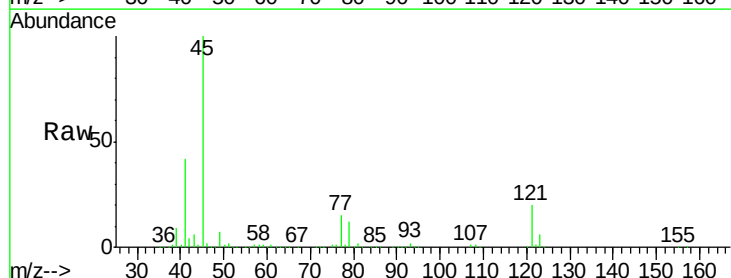
Tgt Ion: 45 Resp: 795289

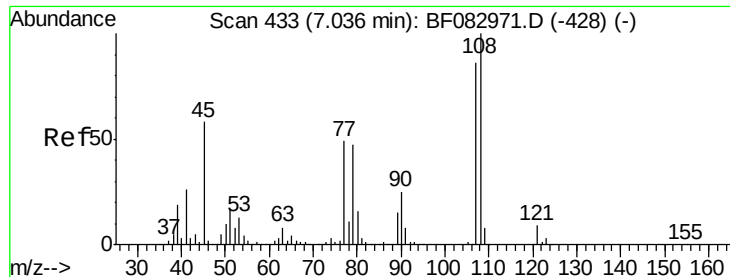
Ion Ratio Lower Upper

45 100

77 14.6 0.0 32.6

79 11.6 0.0 29.2

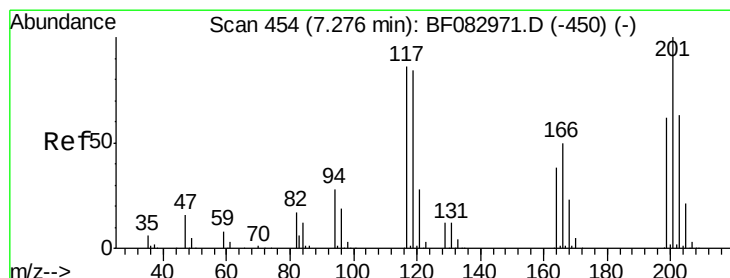
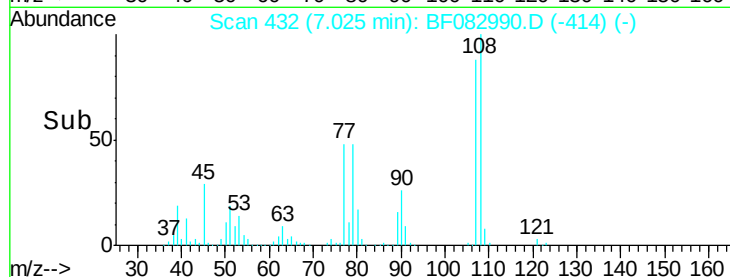
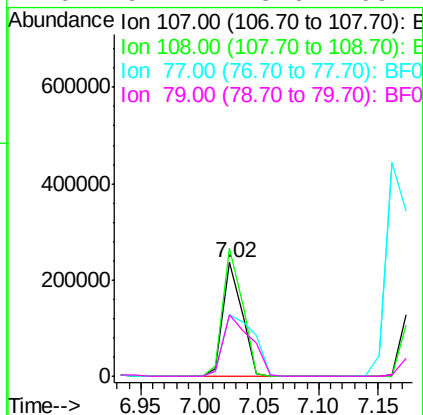
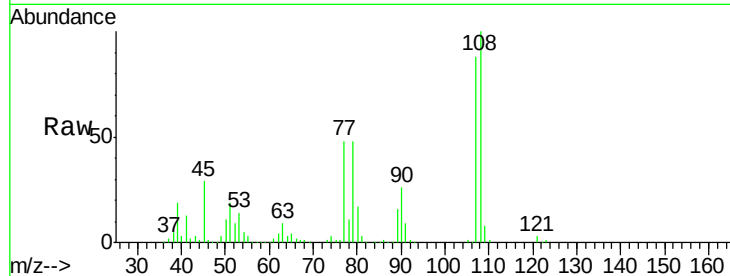




#17
2-Methylphenol
Concen: 27.75 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.09 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

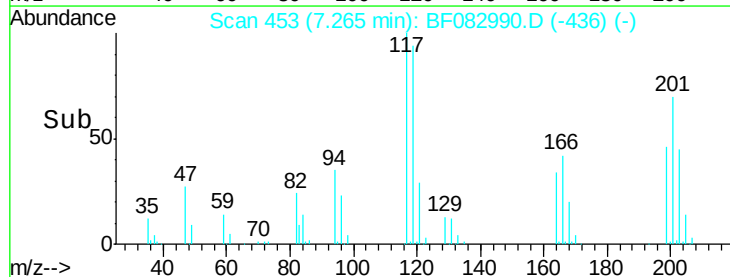
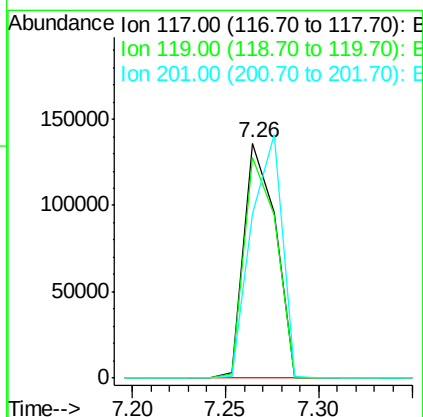
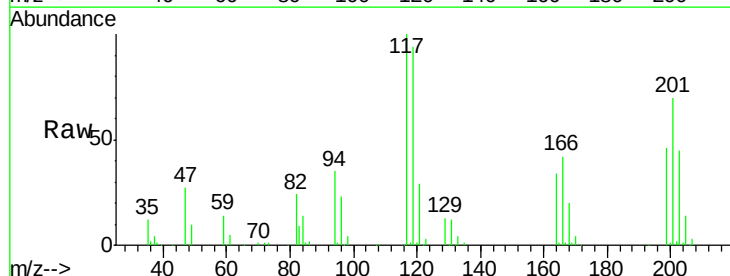
Instrument :
BNA_F
ClientSampleId :

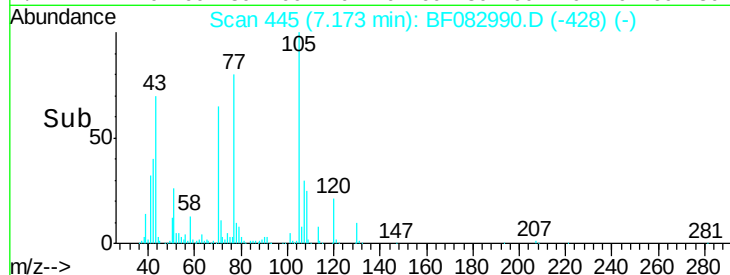
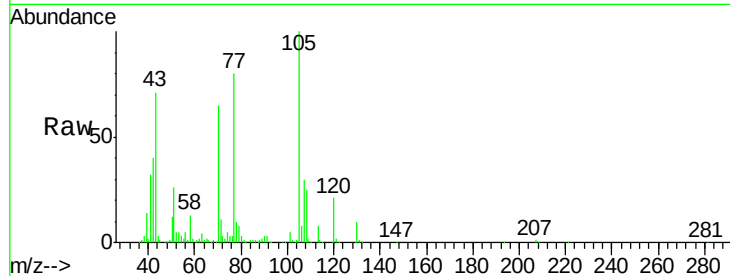
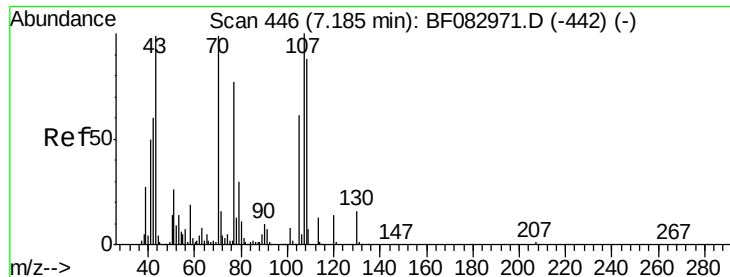
Tgt Ion:	107	Resp:	262921
Ion	Ratio	Lower	Upper
107	100		
108	113.1	93.0	139.4
77	54.7	44.1	66.1
79	54.1	43.6	65.4



#18
Hexachloroethane
Concen: 34.49 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion:	117	Resp:	161888
Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.7	116.5
201	70.2	66.7	100.1

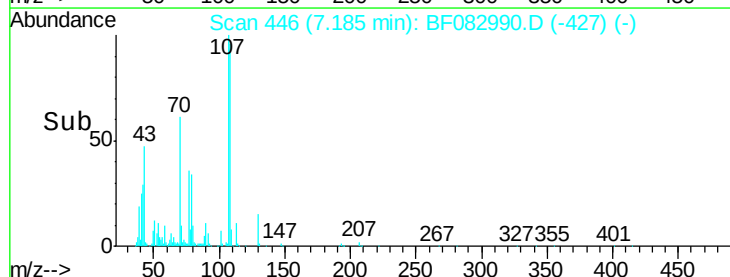
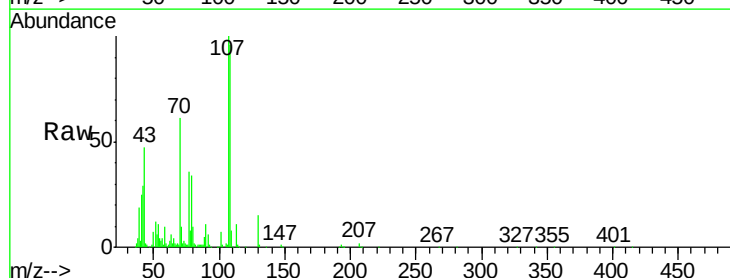
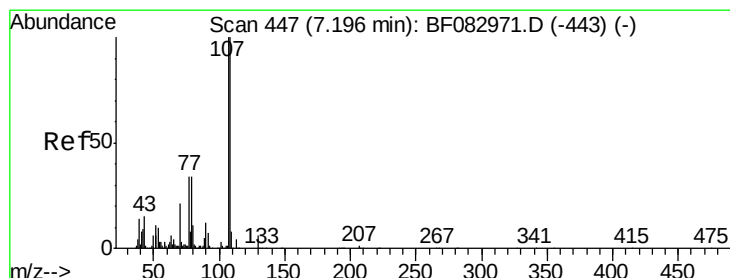
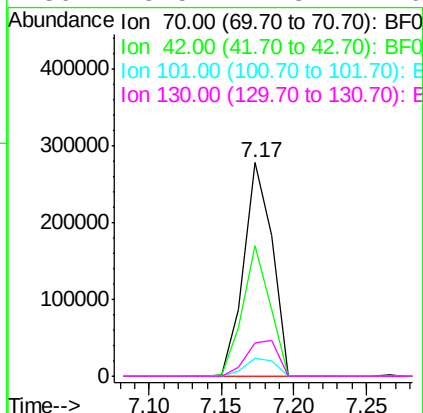




#19
n-Nitroso-di-n-propylamine
Concen: 38.38 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

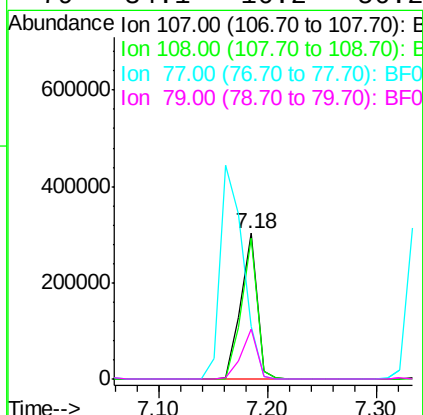
Instrument :
BNA_F
ClientSampleId :

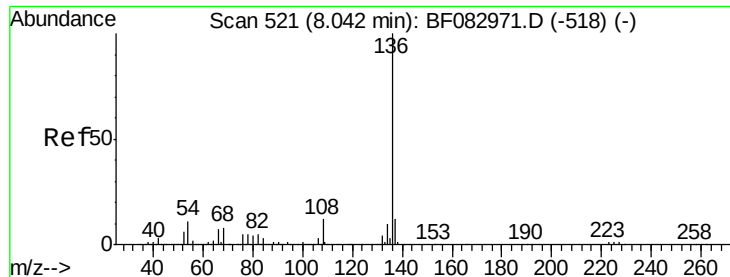
Tgt Ion:	70	Resp:	378412
Ion	Ratio	Lower	Upper
70	100		
42	61.4	57.7	86.5
101	8.2	7.0	10.6
130	15.5	11.8	17.6



#20
3+4-Methylphenols
Concen: 25.39 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.08 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion:	107	Resp:	312697
Ion	Ratio	Lower	Upper
107	100		
108	96.2	67.3	107.3
77	36.1	100.3	140.3#
79	34.1	16.2	56.2

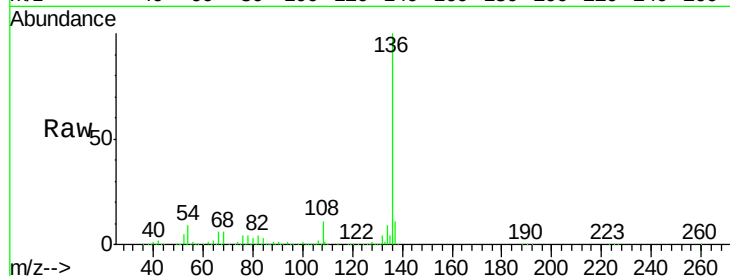




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	136	Resp:	609081
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	8.7	9.1	13.7#
68	6.1	4.8	7.2



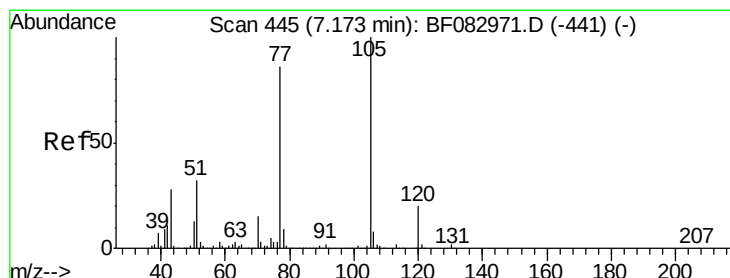
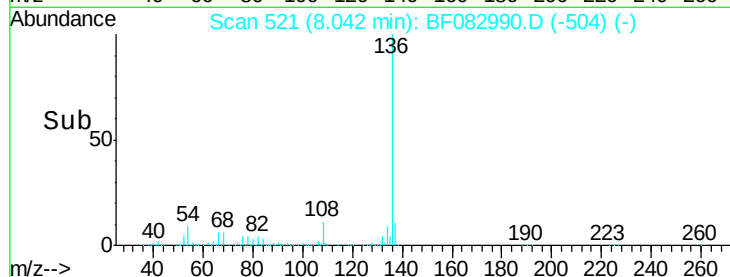
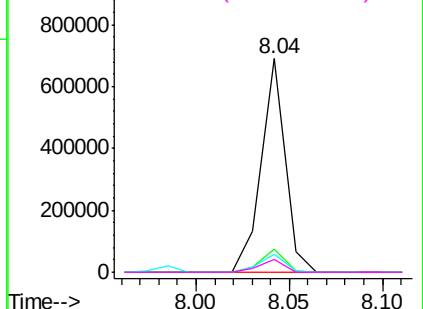
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

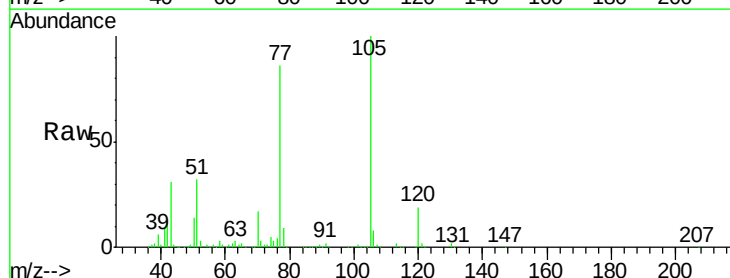
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 39.19 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion:	105	Resp:	683893
Ion Ratio	Lower	Upper	
105	100		
71	2.8	5.6	8.4#
51	32.1	24.9	37.3
120	19.0	15.8	23.8



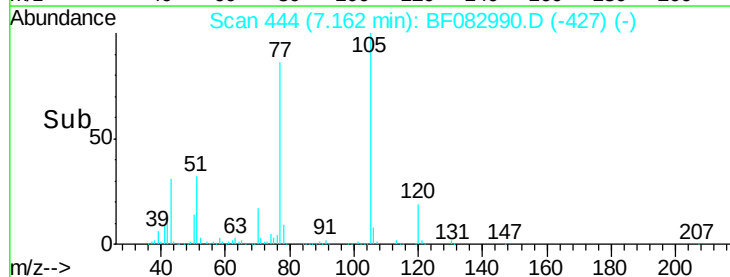
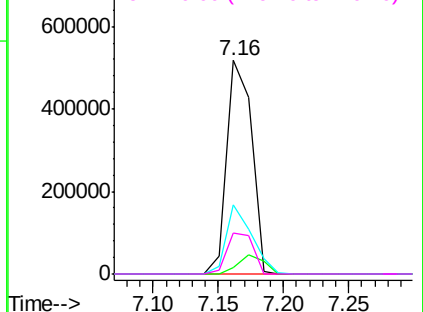
Abundance

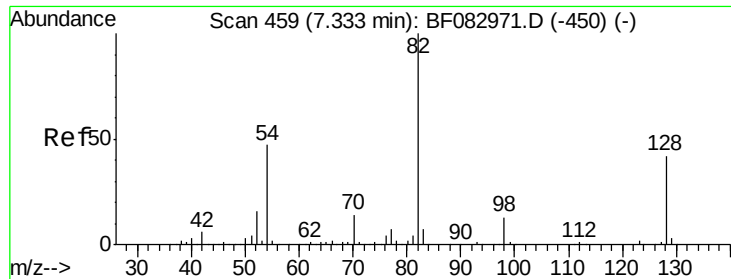
Ion 105.00 (104.70 to 105.70): E

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

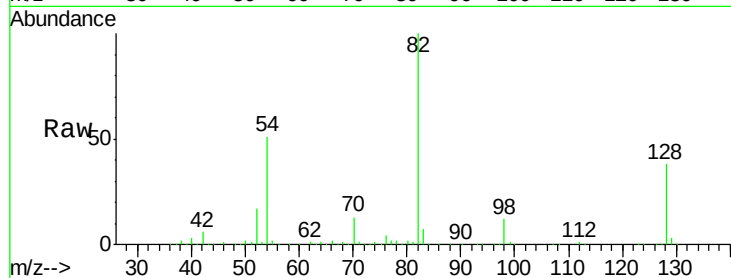




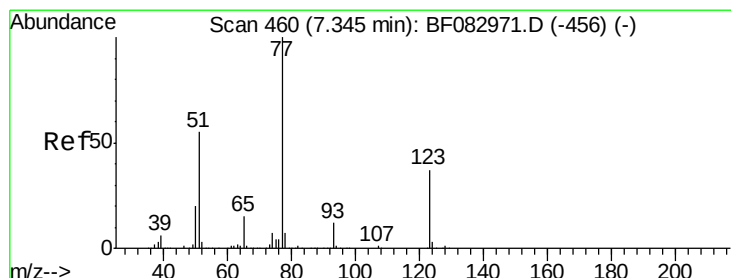
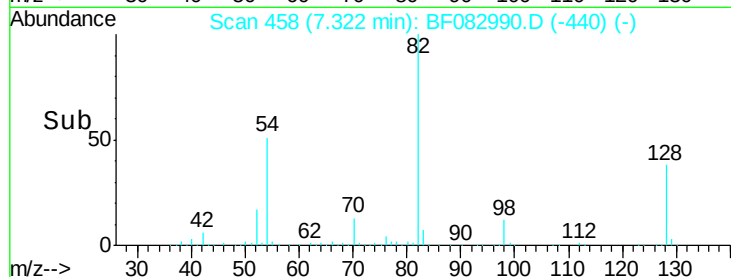
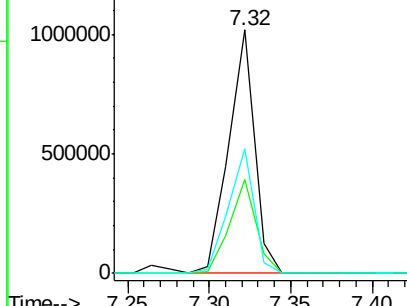
#23
 Nitrobenzene-d5
 Concen: 79.21 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 82 Resp: 1108742
 Ion Ratio Lower Upper
 82 100
 128 38.4 26.8 40.2
 54 50.9 45.7 68.5

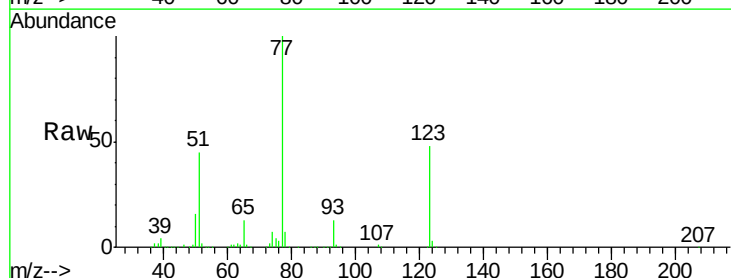


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

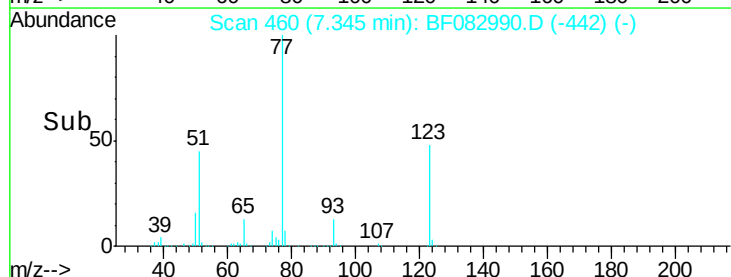
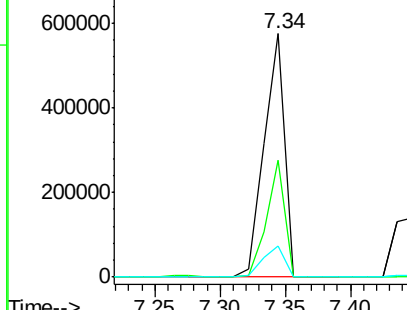


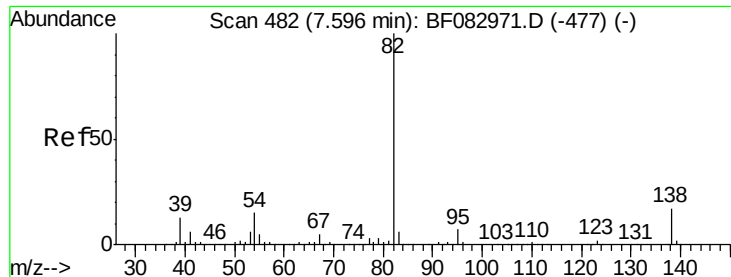
#24
 Nitrobenzene
 Concen: 43.75 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion: 77 Resp: 626342
 Ion Ratio Lower Upper
 77 100
 123 48.3 36.4 54.6
 65 13.0 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: 41.12 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.09 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampleId :

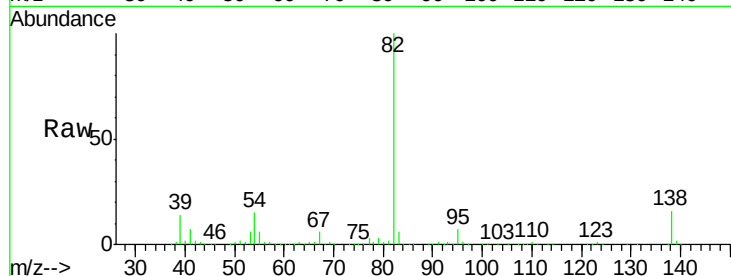
Tgt Ion: 82 Resp: 1065051

Ion Ratio Lower Upper

82 100

95 7.1 6.6 9.8

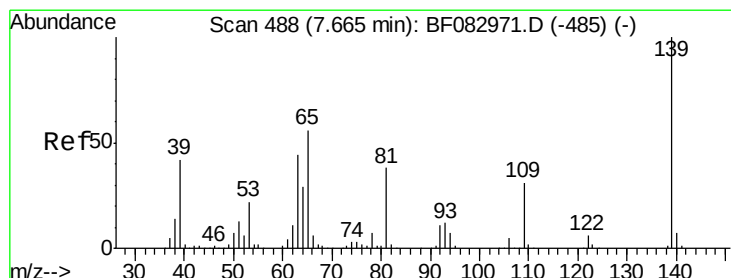
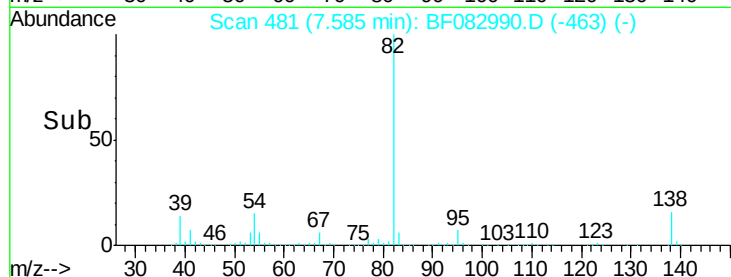
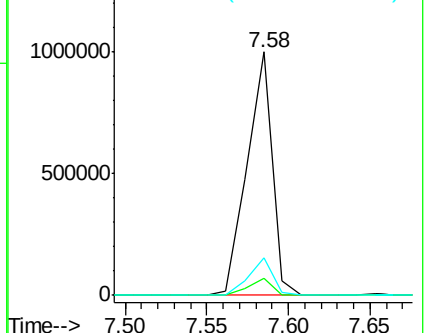
138 15.6 11.4 17.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.66 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

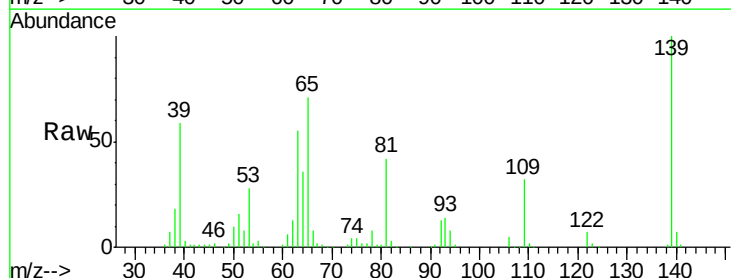
Tgt Ion: 139 Resp: 225030

Ion Ratio Lower Upper

139 100

109 31.5 37.6 56.4#

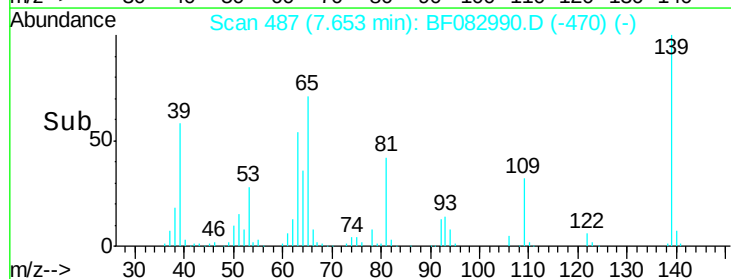
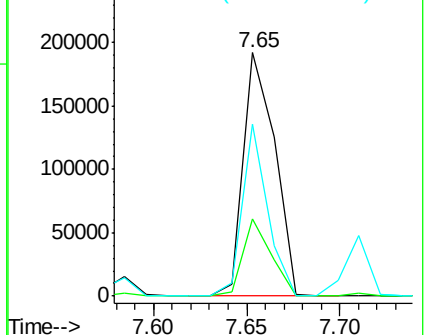
65 70.9 70.6 105.8

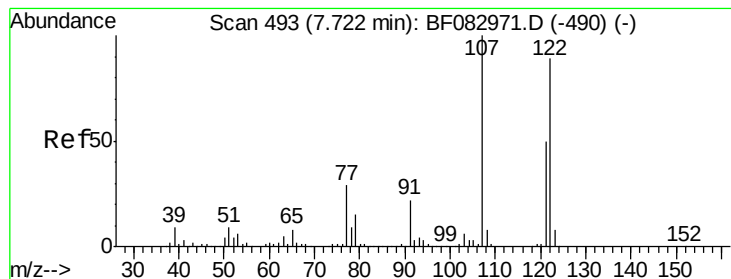


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 35.30 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.09 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampleId :

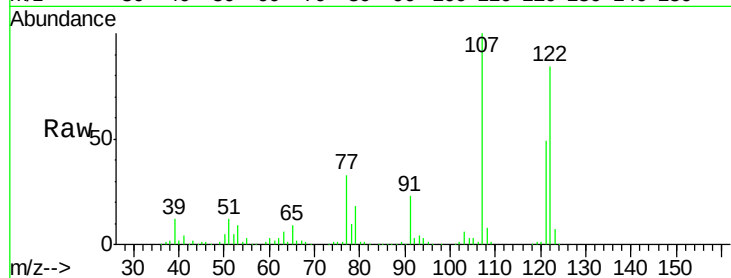
Tgt Ion:122 Resp: 378992

Ion Ratio Lower Upper

122 100

107 119.4 106.0 159.0

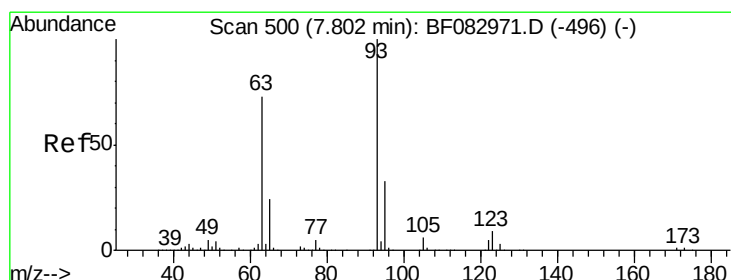
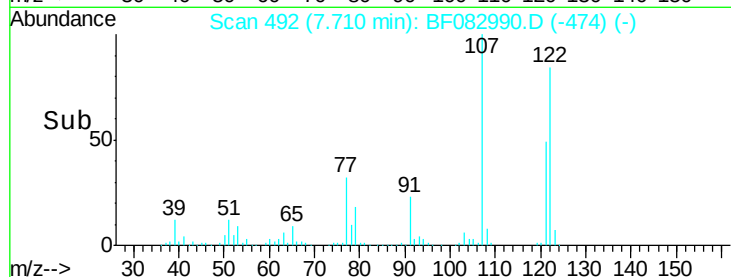
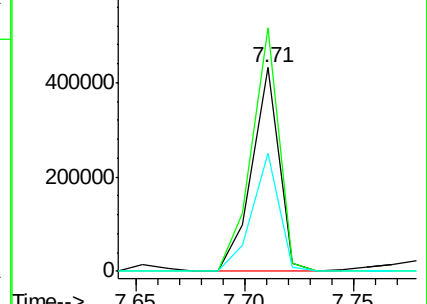
121 57.9 46.7 70.1



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: 45.31 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.09 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

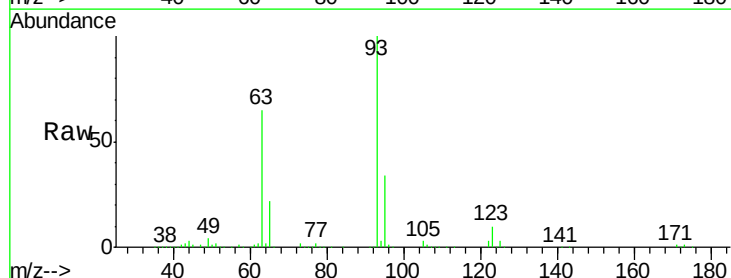
Tgt Ion: 93 Resp: 661930

Ion Ratio Lower Upper

93 100

95 34.0 26.6 40.0

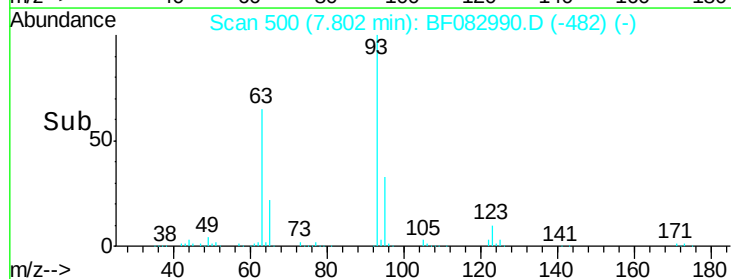
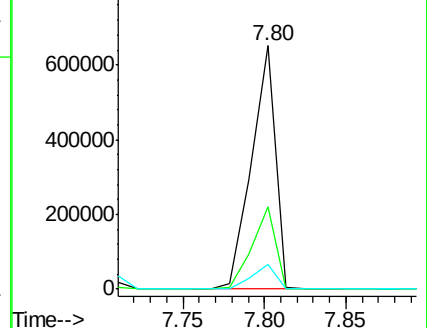
123 10.3 9.7 14.5

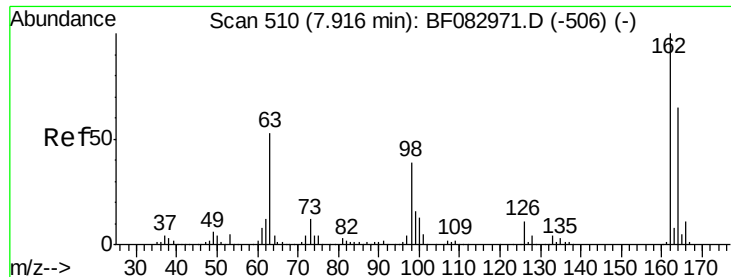


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

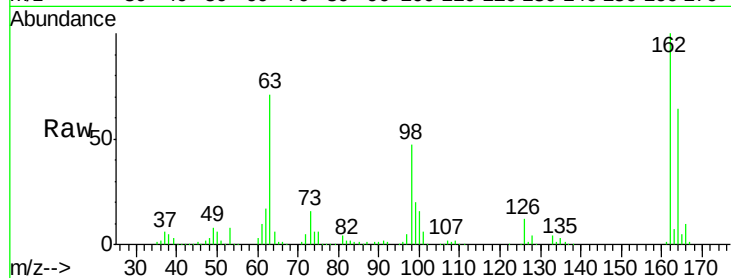




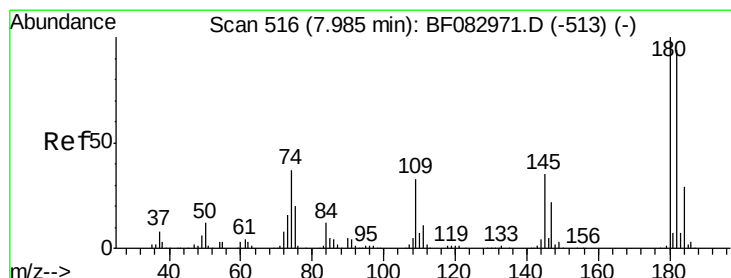
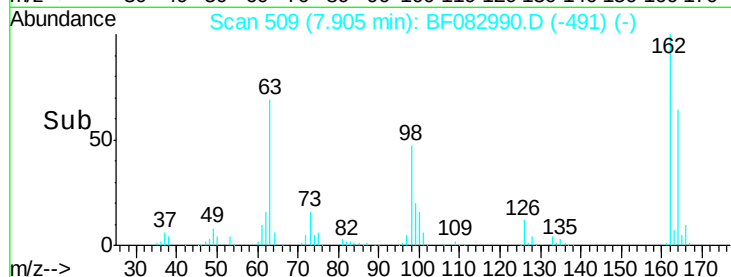
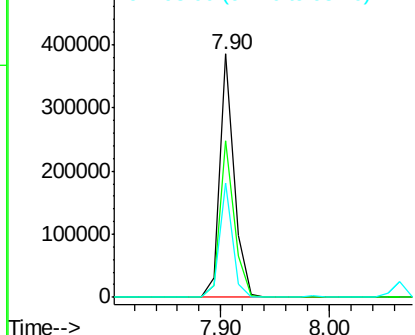
#29
 2,4-Dichlorophenol
 Concen: 37.01 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:162 Resp: 359080
 Ion Ratio Lower Upper
 162 100
 164 64.2 46.8 86.8
 98 47.0 12.5 52.5

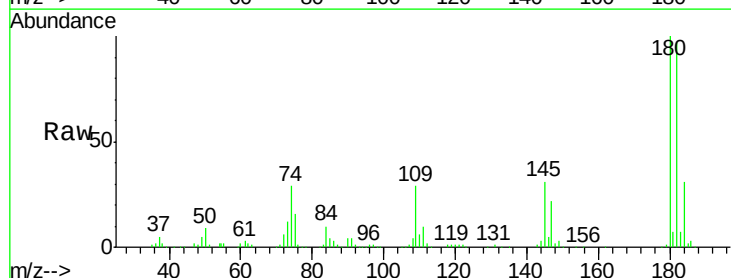


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

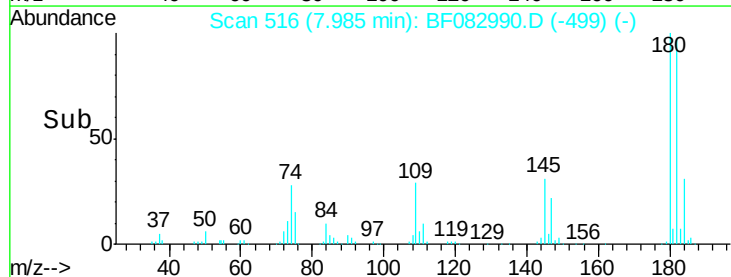
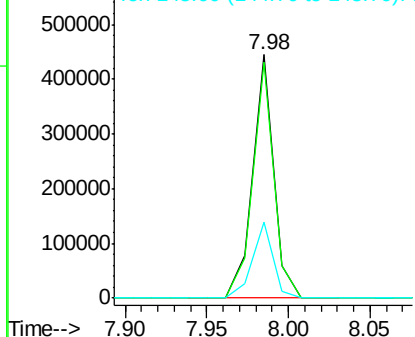


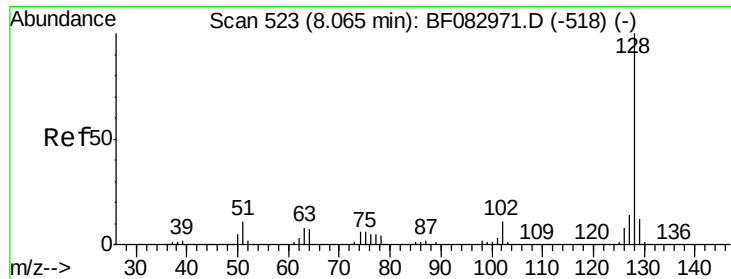
#30
 1,2,4-Trichlorobenzene
 Concen: 36.52 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.10 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion:180 Resp: 398514
 Ion Ratio Lower Upper
 180 100
 182 97.1 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

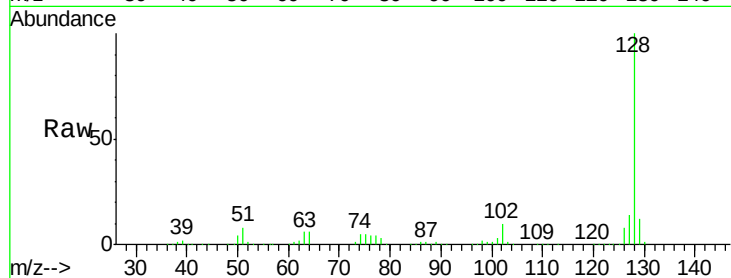




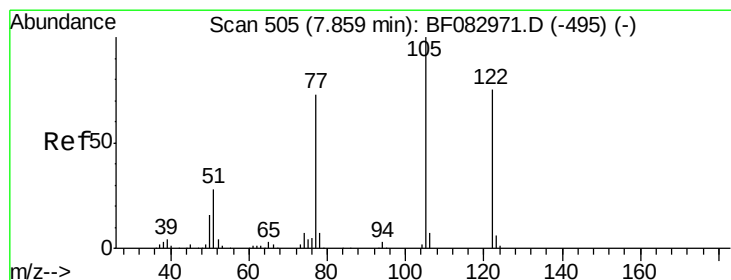
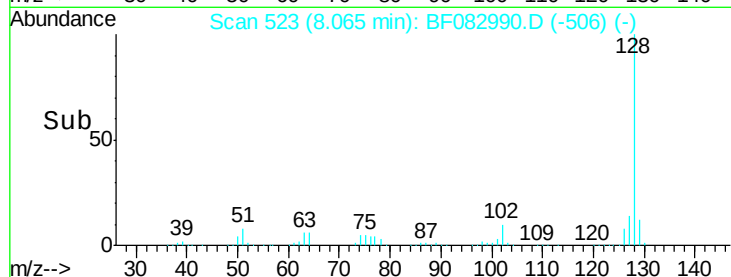
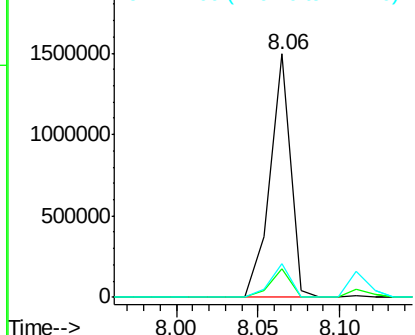
#31
Naphthalene
Concen: 39.13 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1314847
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.9 11.4 17.0

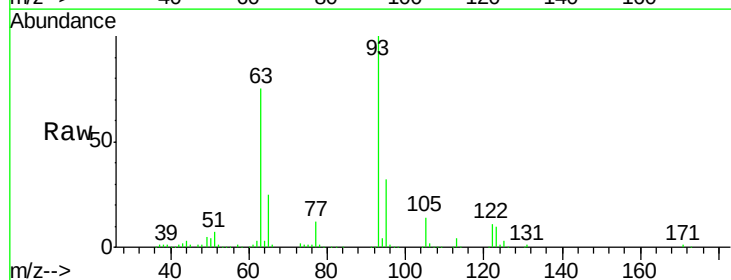


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

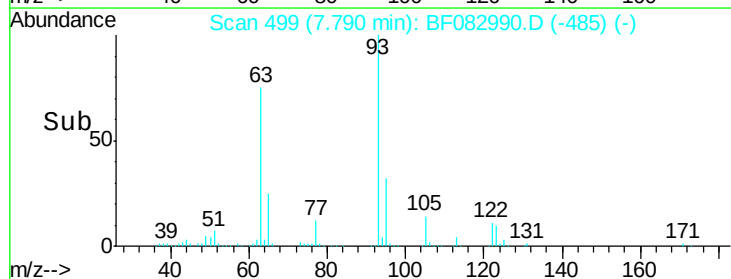
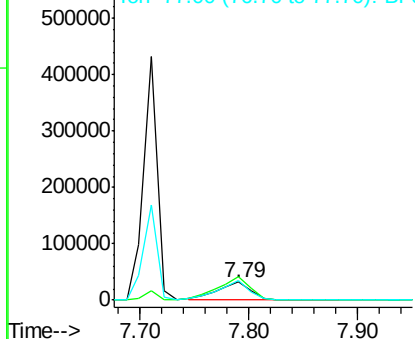


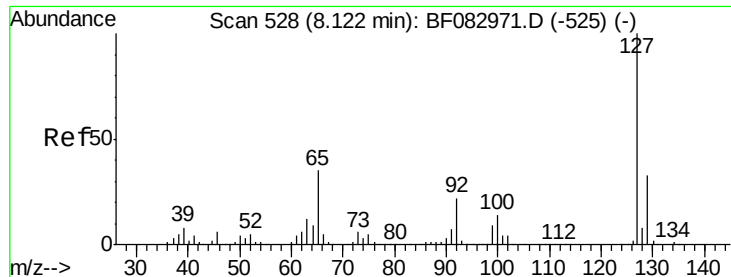
#32
Benzoic acid
Concen: 9.16 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.14 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion:122 Resp: 67317
Ion Ratio Lower Upper
122 100
105 132.4 122.6 162.6
77 110.1 100.9 140.9



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

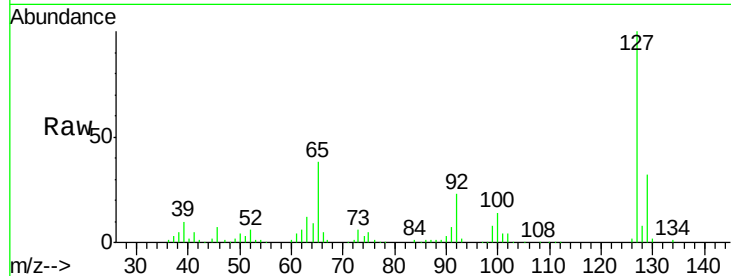




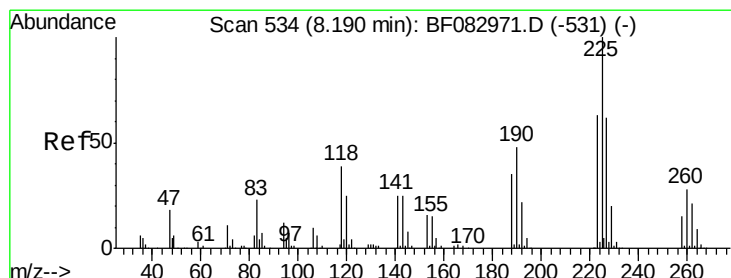
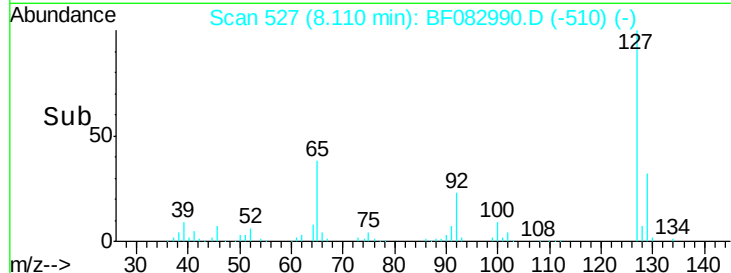
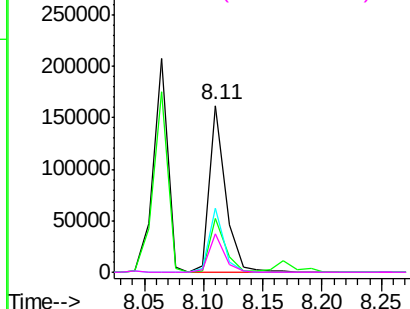
#33
4-Chloroaniline
Concen: 10.58 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	127	Resp:	153194
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	38.2	37.8	56.8
92	22.7	20.6	31.0

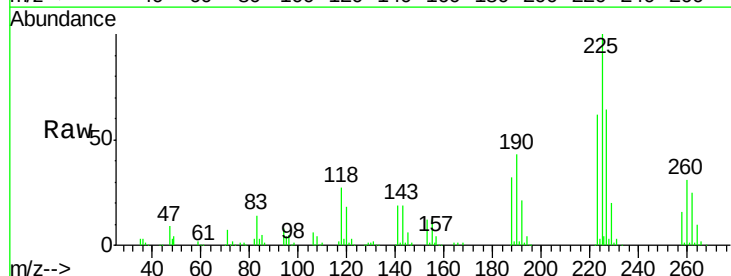


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

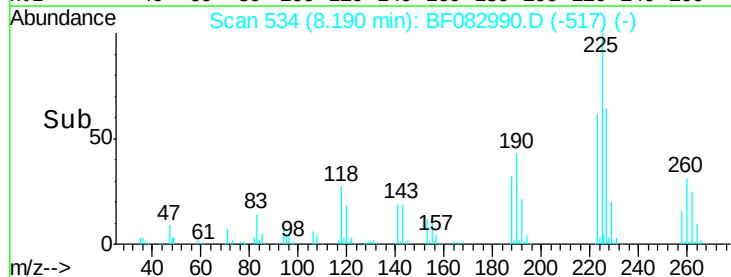
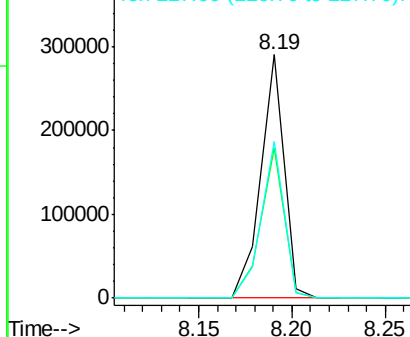


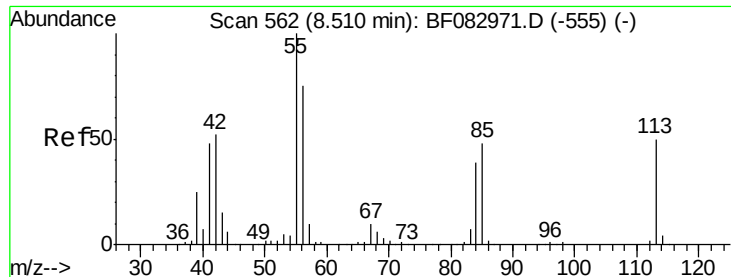
#34
Hexachlorobutadiene
Concen: 36.53 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion:	225	Resp:	249476
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.5	75.7
227	64.1	50.2	75.2



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

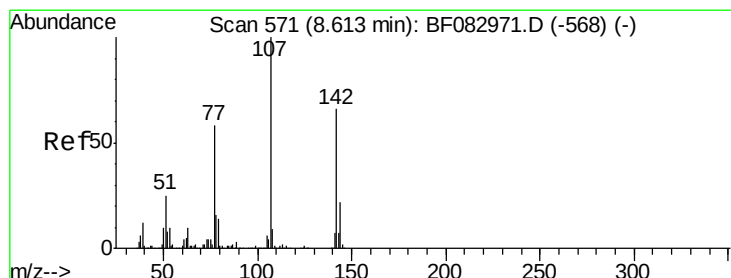
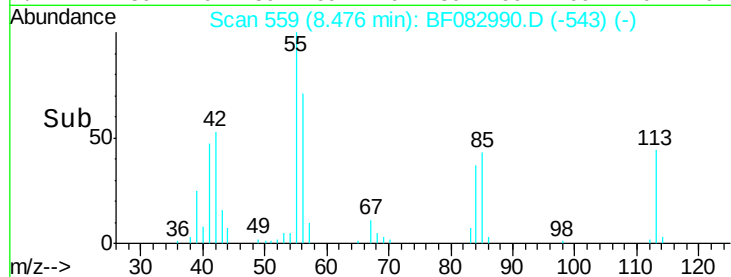
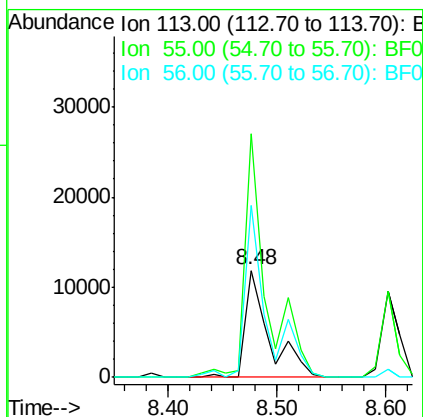
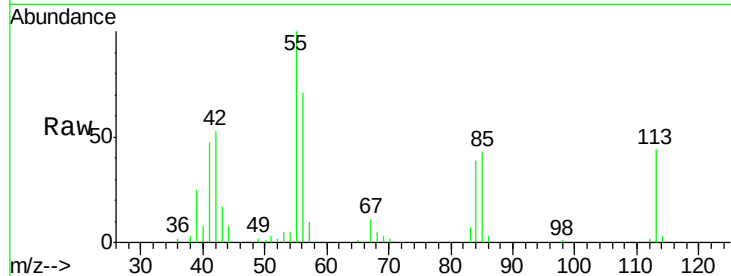




#35
 Caprolactam
 Concen: 5.80 ng
 RT: 8.48 min Scan# 559
 Delta R.T. -0.11 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

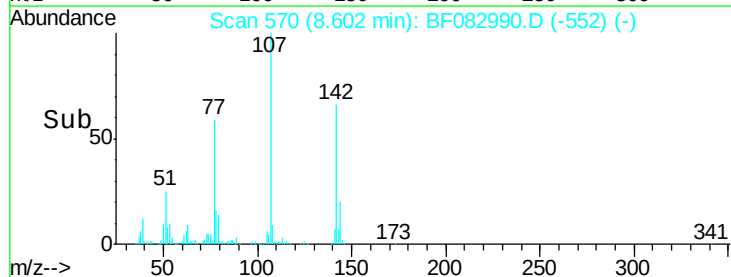
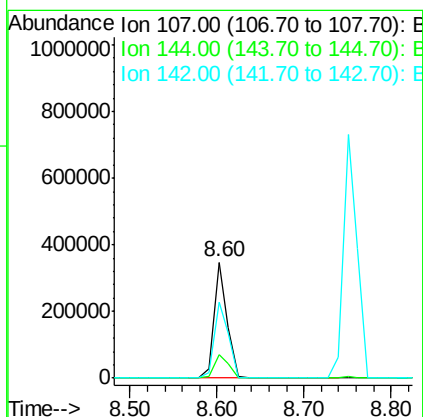
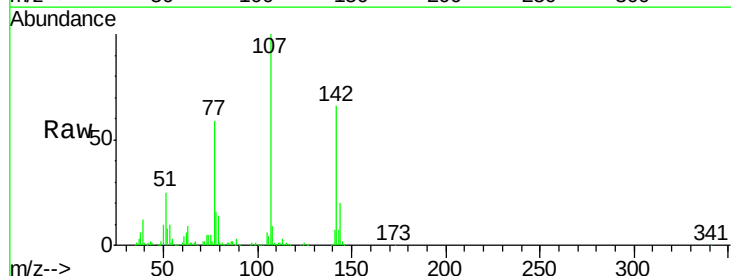
Instrument :
 BNA_F
 ClientSampleId :

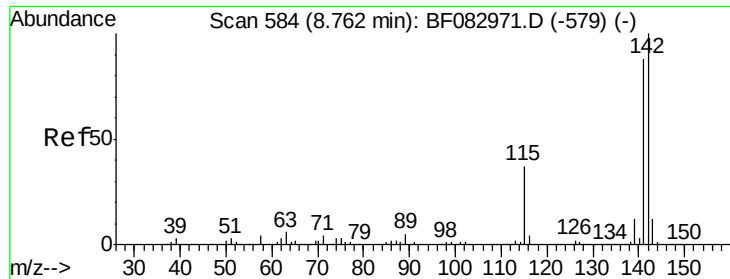
Tgt Ion:113 Resp: 17744
 Ion Ratio Lower Upper
 113 100
 55 227.8 195.5 235.5
 56 160.9 153.5 193.5



#36
 4-Chloro-3-methylphenol
 Concen: 32.36 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion:107 Resp: 369264
 Ion Ratio Lower Upper
 107 100
 144 20.5 15.4 23.0
 142 65.6 47.8 71.8

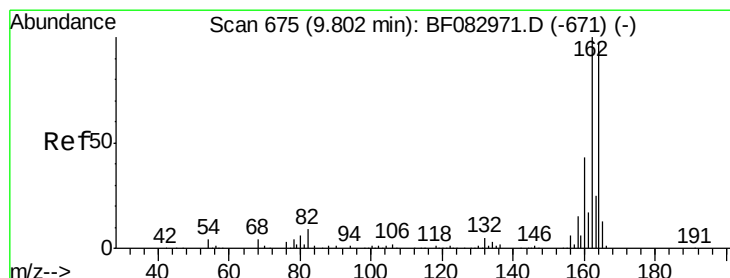
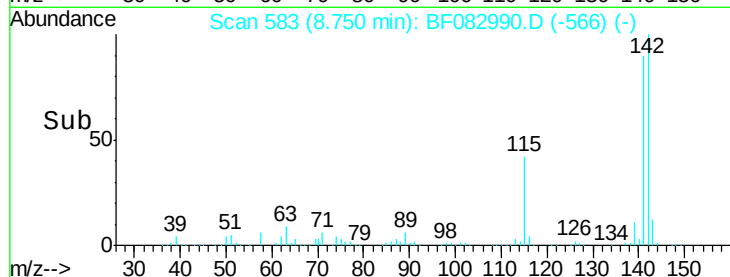
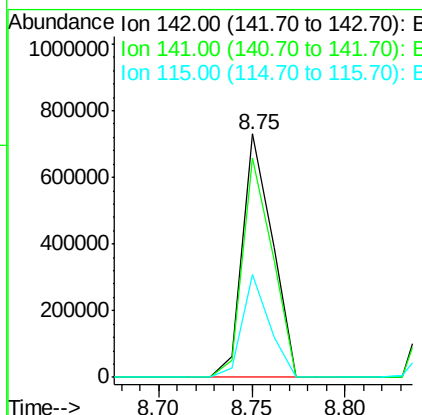
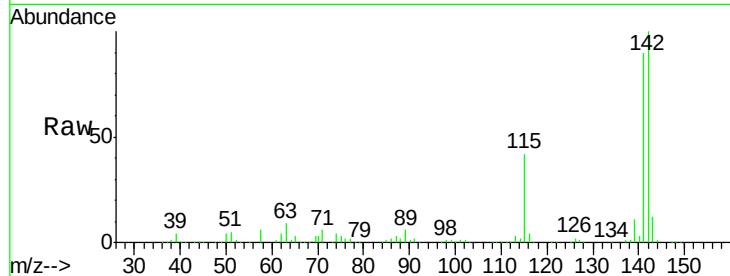




#37
 2-Methylnaphthalene
 Concen: 37.30 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.10 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

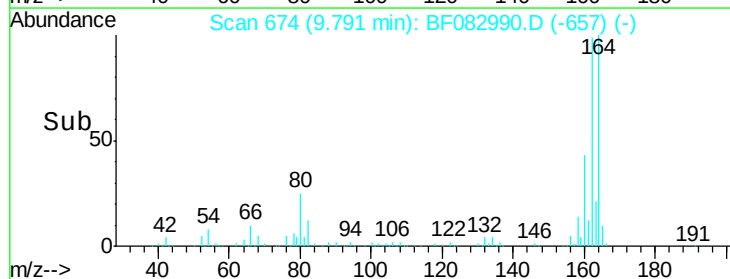
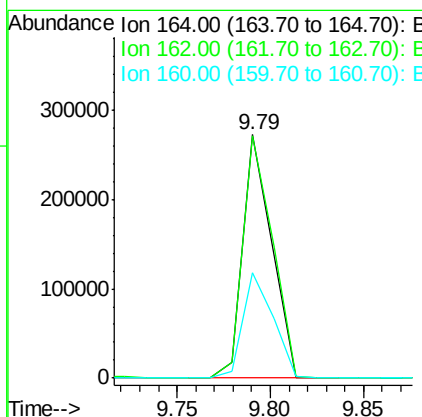
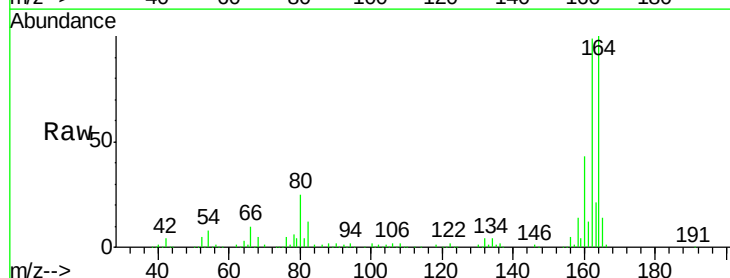
Instrument :
 BNA_F
 ClientSampled :

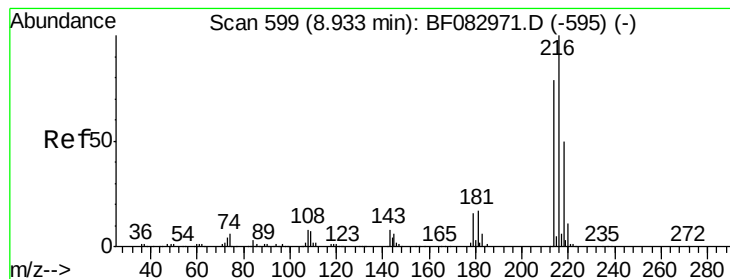
Tgt Ion:142 Resp: 810940
 Ion Ratio Lower Upper
 142 100
 141 89.8 72.3 108.5
 115 42.0 38.1 57.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.10 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion:164 Resp: 293614
 Ion Ratio Lower Upper
 164 100
 162 99.3 84.9 127.3
 160 43.2 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.19 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:216 Resp: 378114

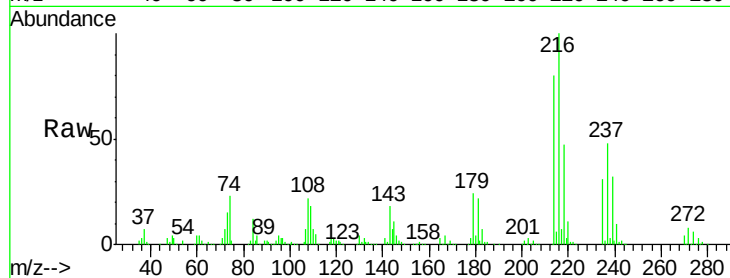
Ion Ratio Lower Upper

216 100

214 79.8 62.2 93.2

179 22.5 18.1 27.1

108 23.5 16.6 25.0

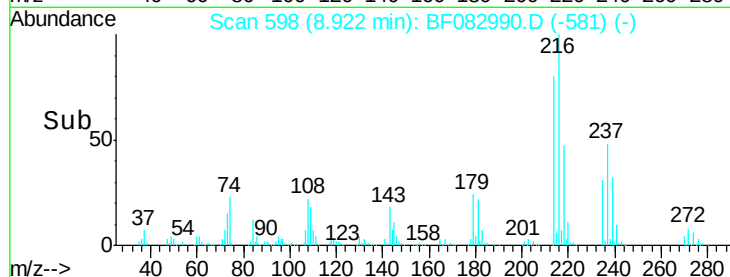


Abundance Ion 216.00 (215.70 to 216.70): E

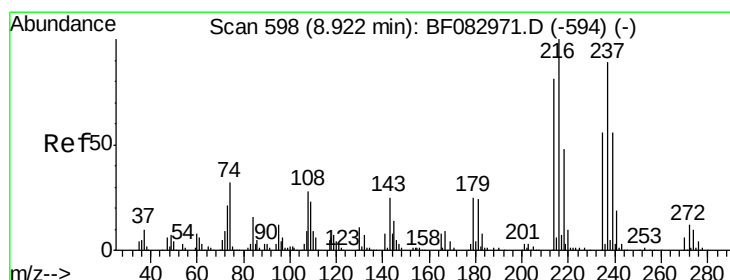
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.85 8.90 8.95



#40

Hexachlorocyclopentadiene

Concen: 73.15 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

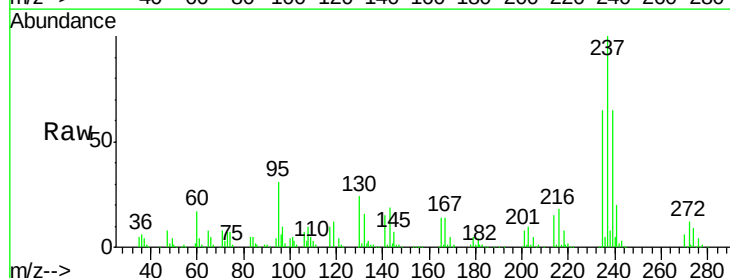
Tgt Ion:237 Resp: 379211

Ion Ratio Lower Upper

237 100

235 65.3 44.3 84.3

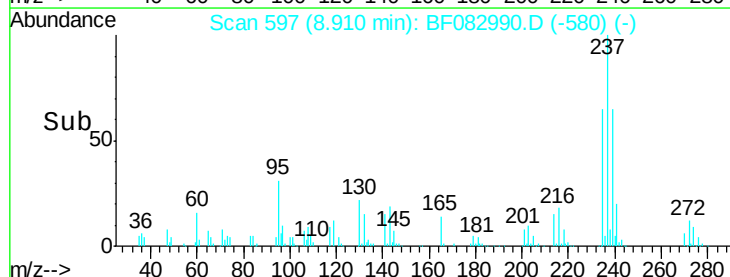
272 12.0 0.0 31.9



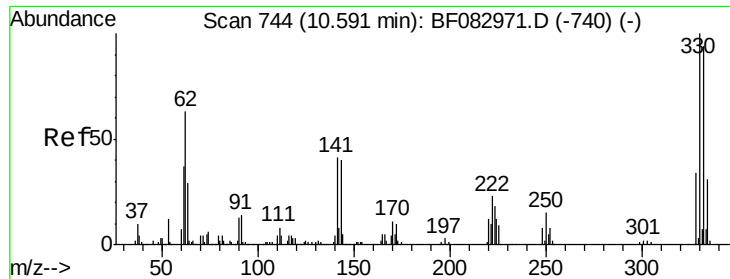
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



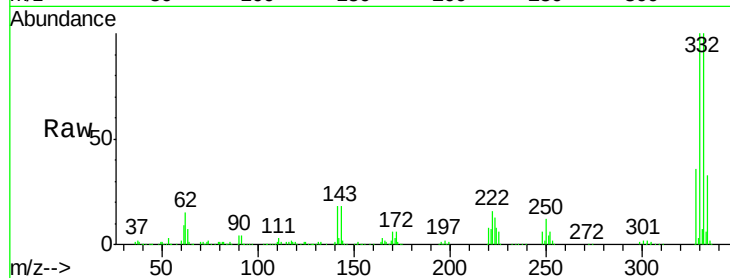
Time--> 8.85 8.90 8.95



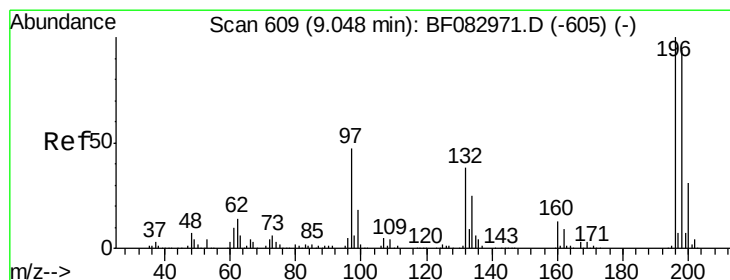
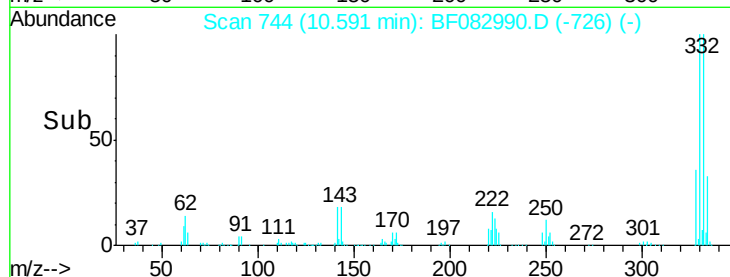
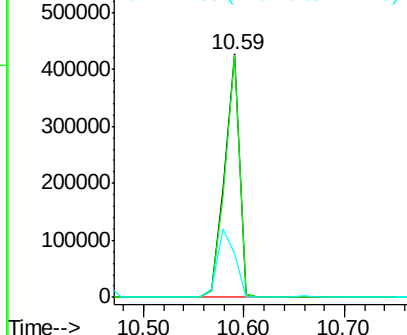
#41
 2,4,6-Tribromophenol
 Concen: 130.04 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 437776
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 33.1 41.2 61.8#

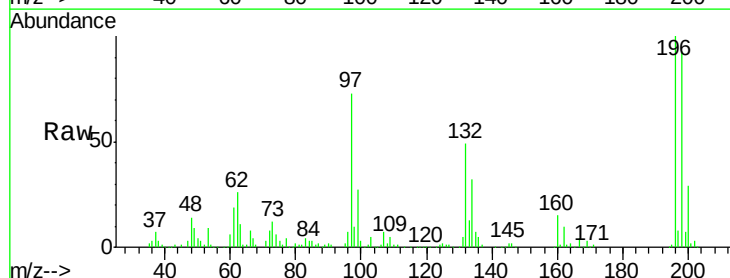


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

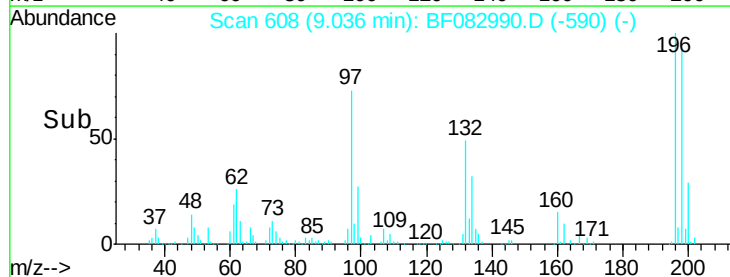
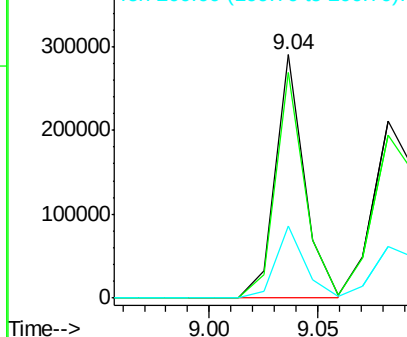


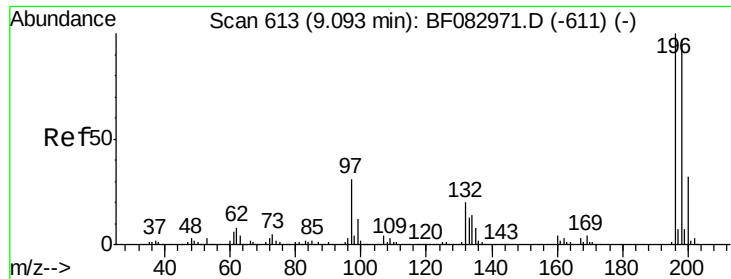
#42
 2,4,6-Trichlorophenol
 Concen: 37.61 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion:196 Resp: 270864
 Ion Ratio Lower Upper
 196 100
 198 92.9 76.3 114.5
 200 29.4 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

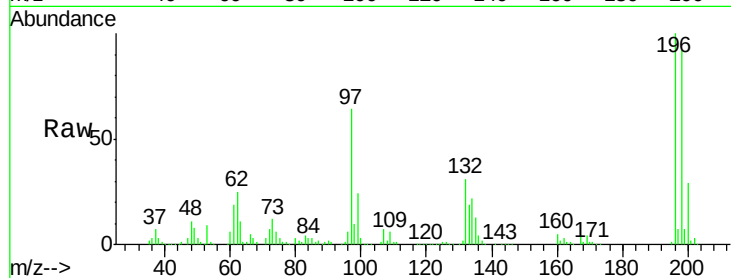




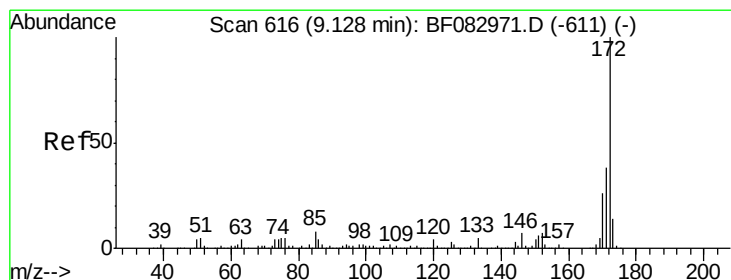
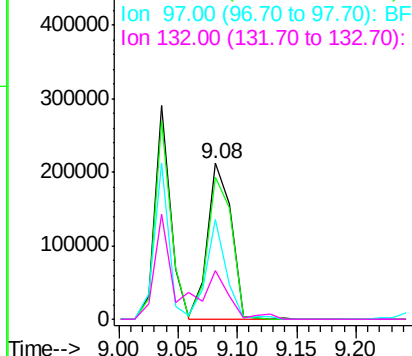
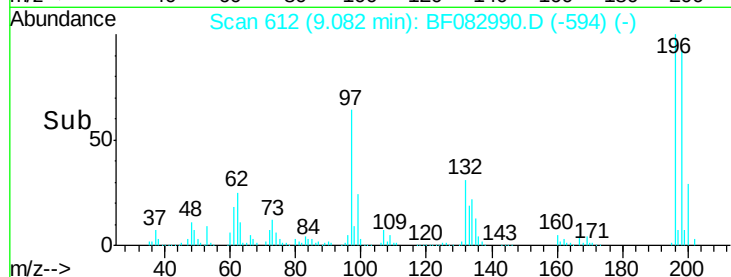
#43
 2,4,5-Trichlorophenol
 Concen: 40.94 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	196	Resp:	291616
Ion	Ratio	Lower	Upper
196	100		
198	91.5	75.8	113.8
97	64.3	62.3	93.5
132	30.9	27.4	41.2

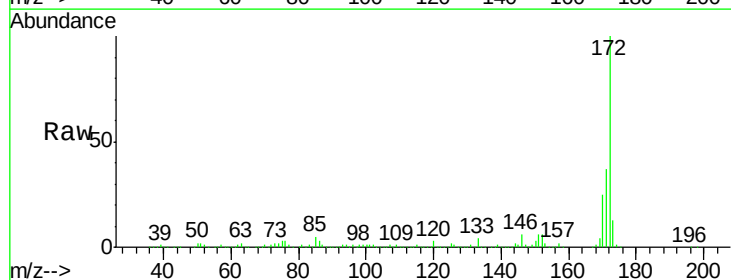


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

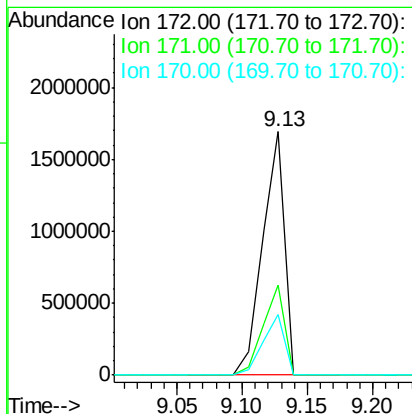
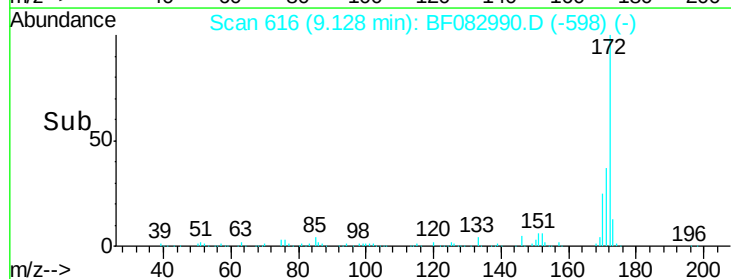


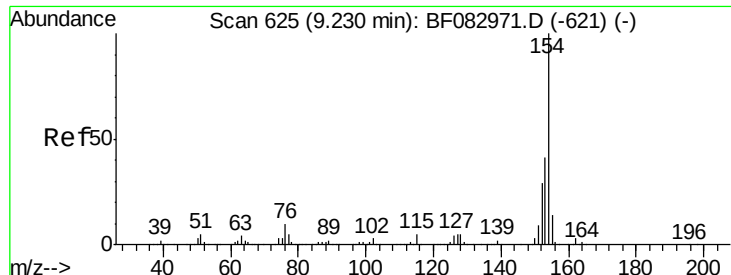
#44
 2-Fluorobiphenyl
 Concen: 96.12 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion:	172	Resp:	1969150
Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.8	46.2
170	24.8	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

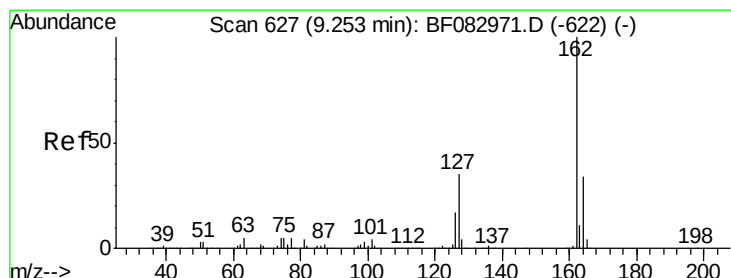
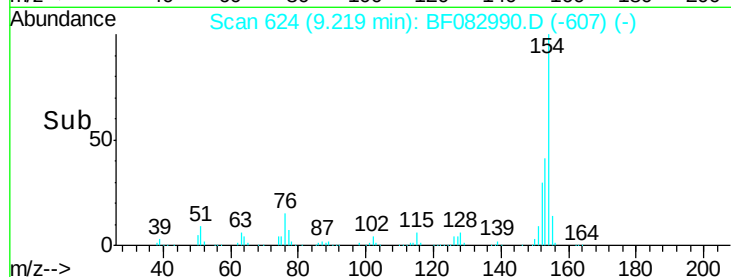
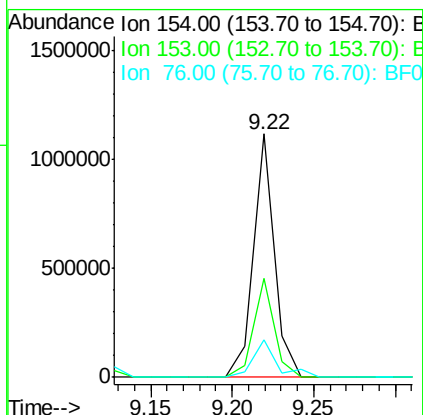
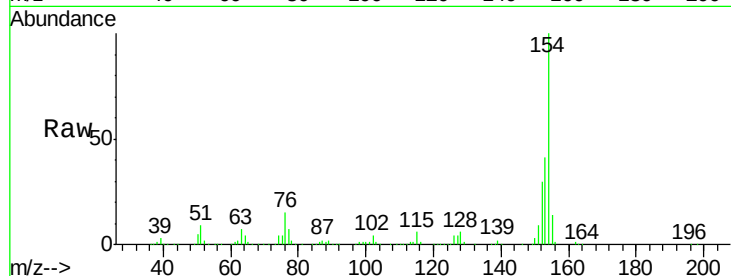




#45
 1,1'-Biphenyl
 Concen: 39.44 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.10 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

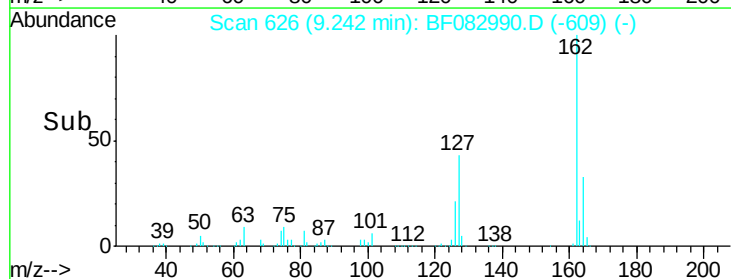
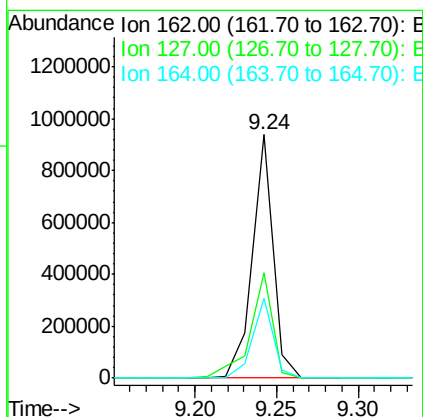
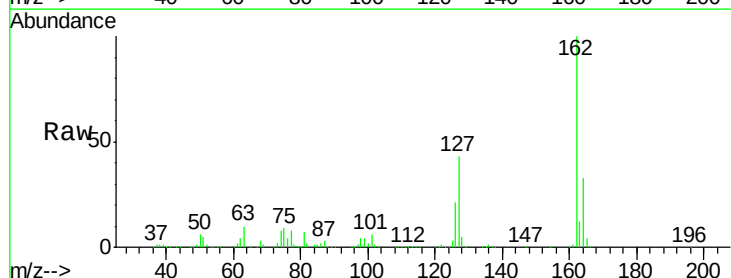
Instrument :
 BNA_F
 ClientSampled :

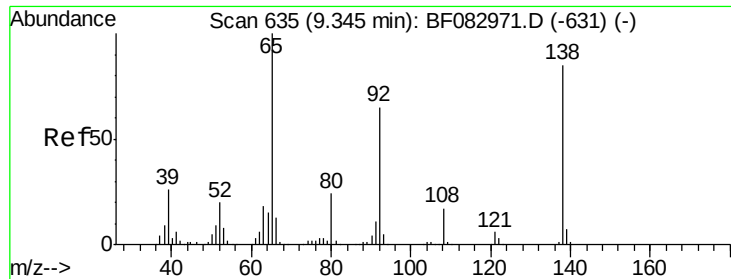
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	22.0	62.0
76	15.3	0.0	29.0



#46
 2-Chloronaphthalene
 Concen: 42.29 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.10 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.2	32.7	49.1
164	33.0	27.4	41.0

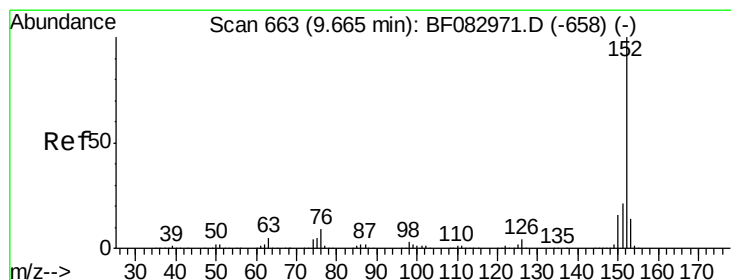
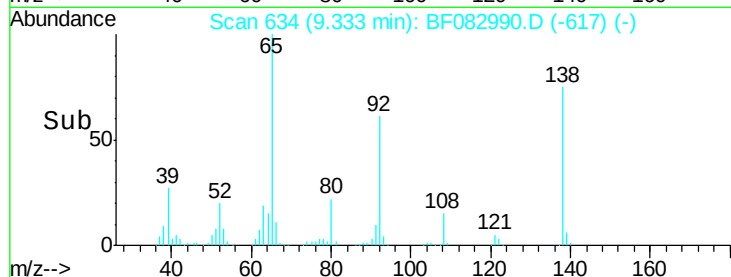
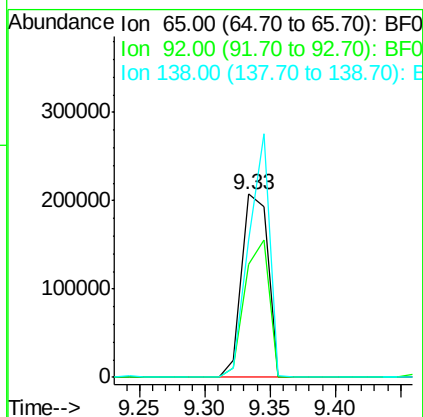
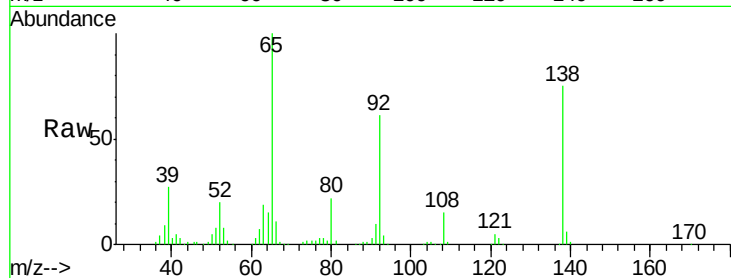




#47
2-Nitroaniline
Concen: 39.70 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

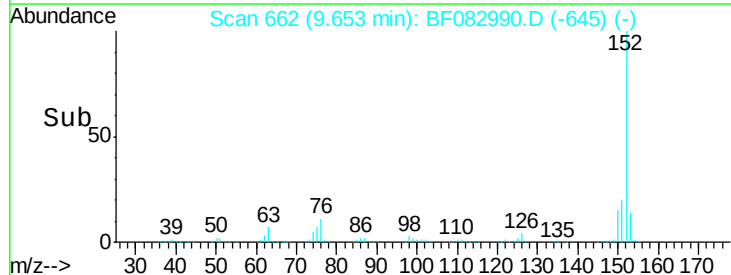
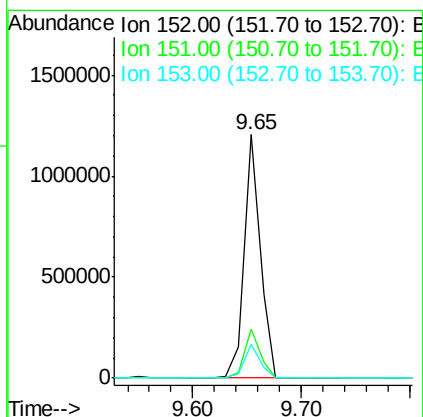
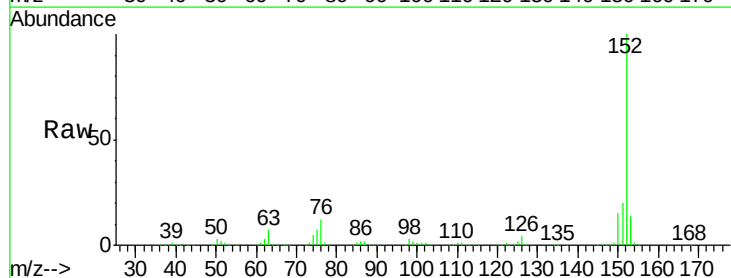
Instrument :
BNA_F
ClientSampleId :

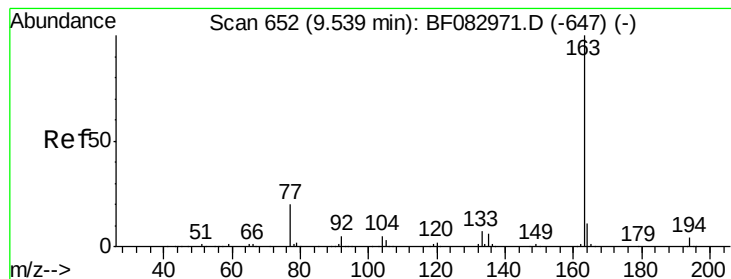
Tgt Ion: 65 Resp: 289413
Ion Ratio Lower Upper
65 100
92 61.4 46.6 70.0
138 75.2 54.6 81.8



#48
Acenaphthylene
Concen: 39.62 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion: 152 Resp: 1220135
Ion Ratio Lower Upper
152 100
151 20.4 17.3 25.9
153 14.0 11.3 16.9





#49

Dimethylphthalate

Concen: 39.67 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.09 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampled :

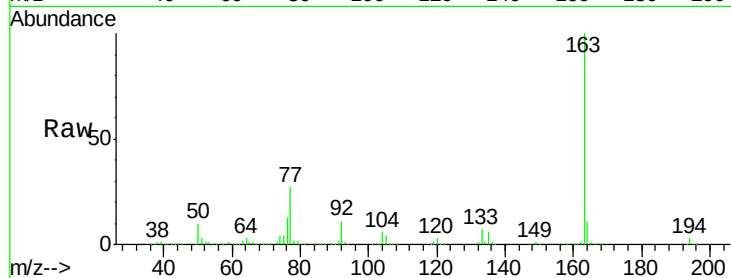
Tgt Ion:163 Resp: 954360

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

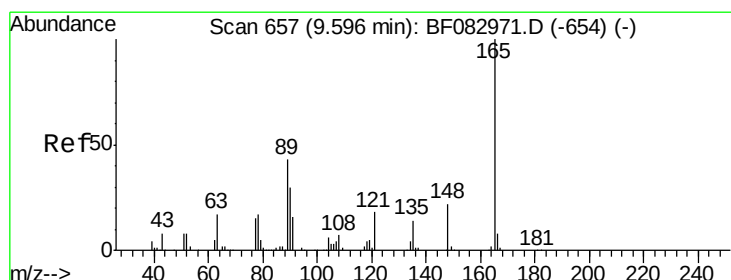
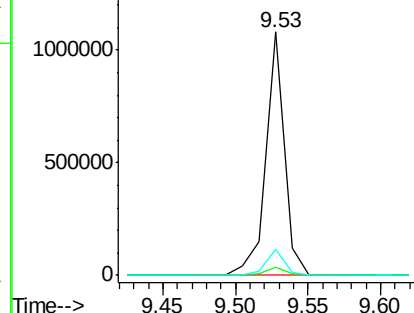
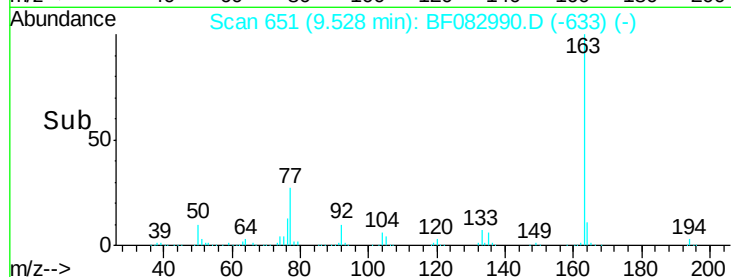
164 10.7 8.7 13.1



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: 44.83 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.09 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

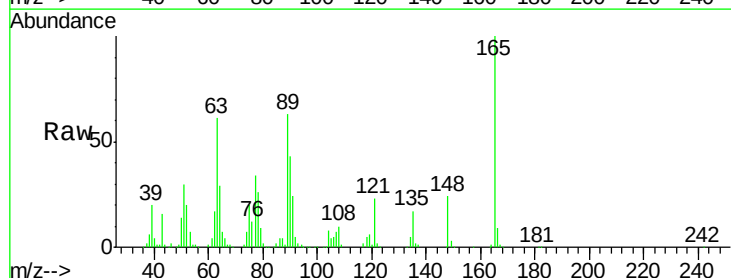
Tgt Ion:165 Resp: 230111

Ion Ratio Lower Upper

165 100

63 60.8 55.5 83.3

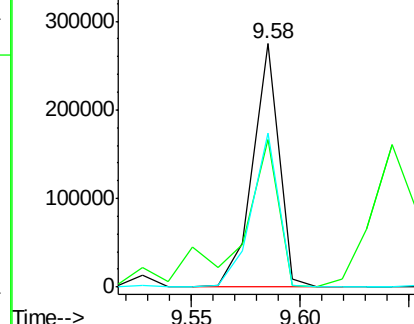
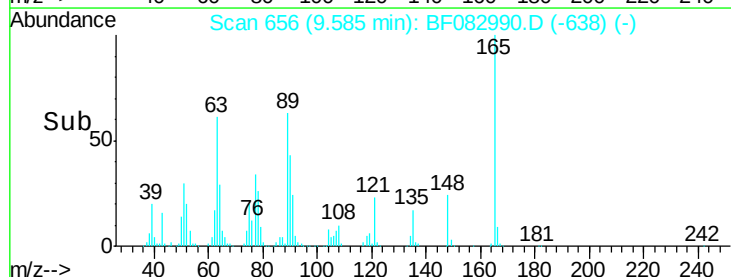
89 63.3 55.0 82.6

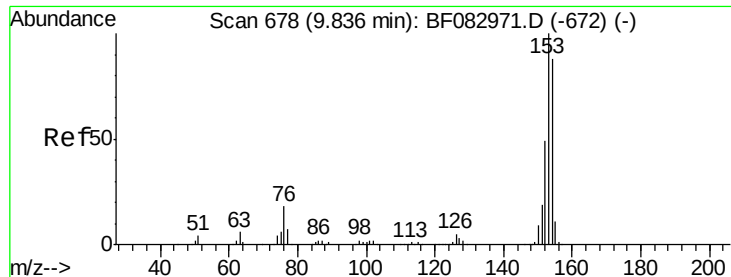


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.91 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampleId :

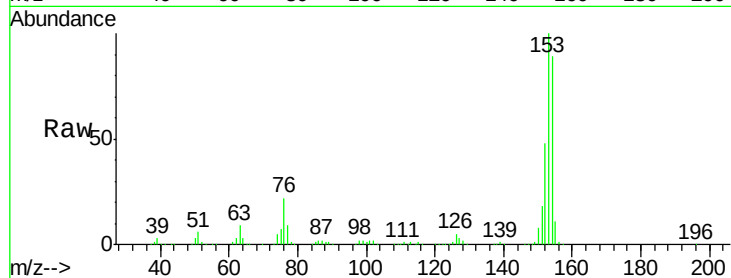
Tgt Ion:154 Resp: 896249

Ion Ratio Lower Upper

154 100

153 112.6 90.1 135.1

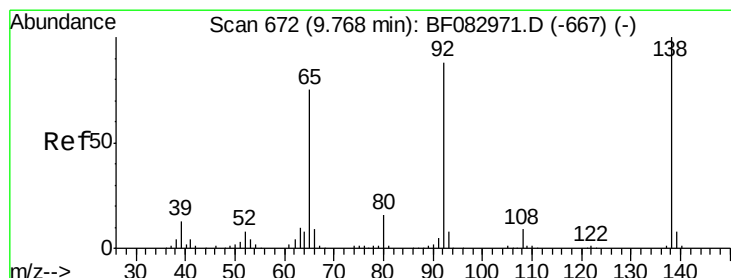
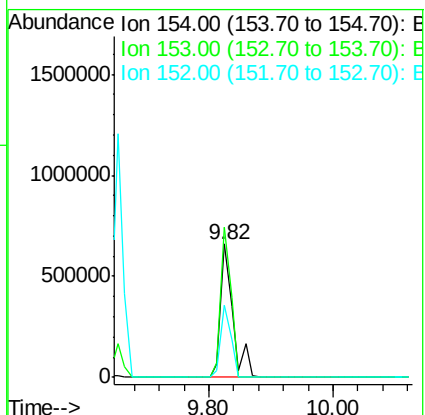
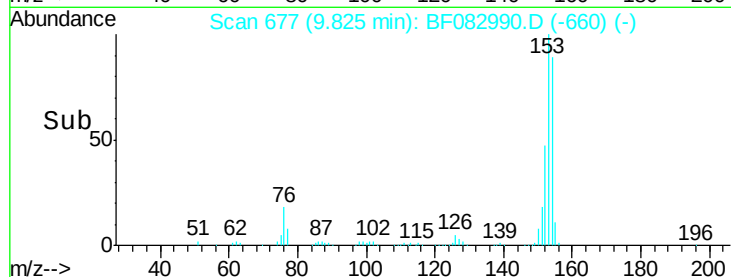
152 54.1 44.3 66.5



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: 15.45 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

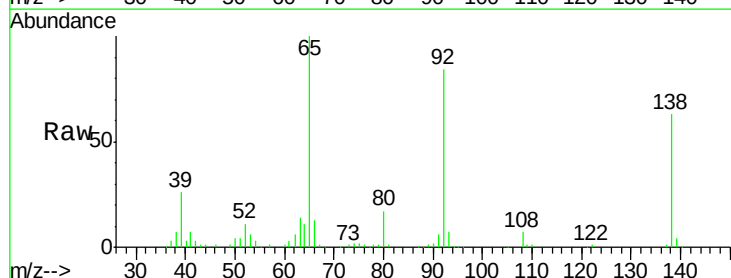
Tgt Ion:138 Resp: 87210

Ion Ratio Lower Upper

138 100

108 11.2 11.3 16.9#

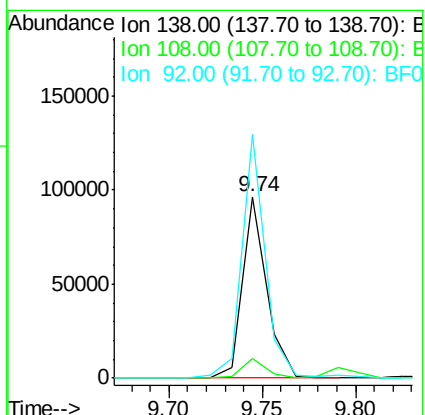
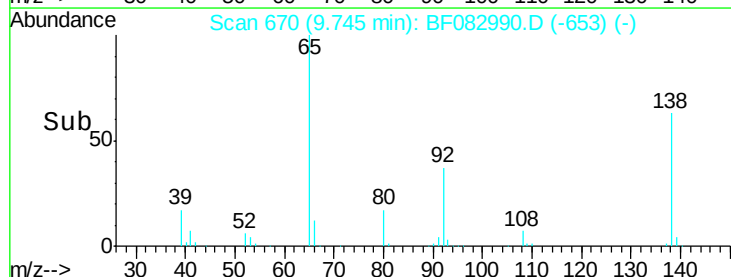
92 134.6 122.4 183.6

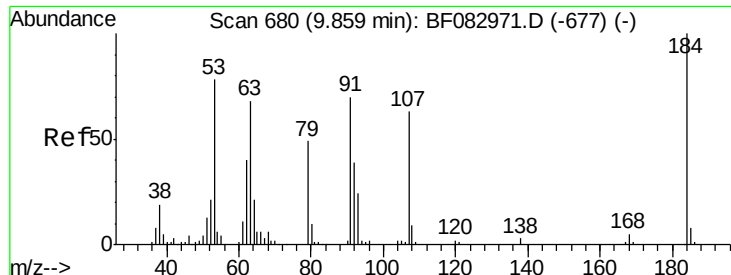


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

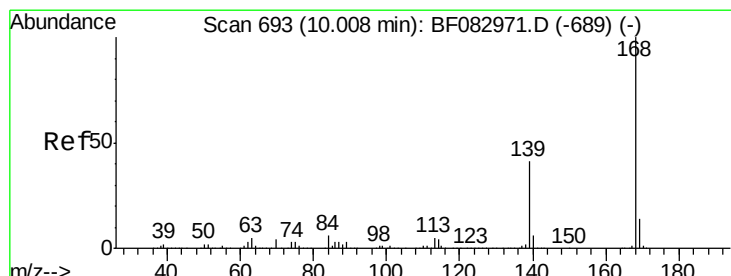
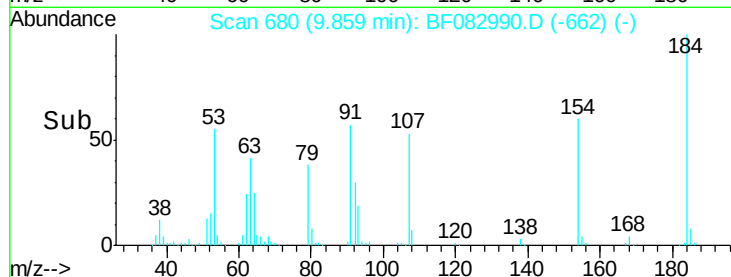
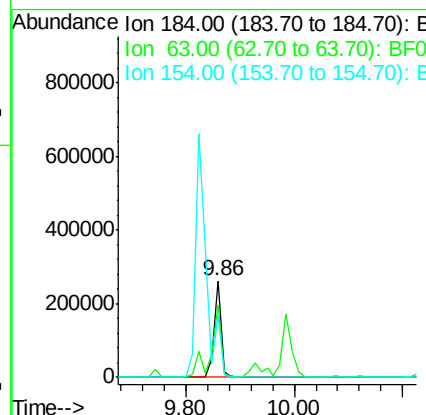
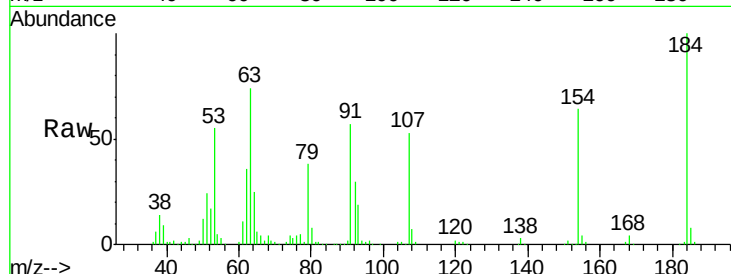




#53
2,4-Dinitrophenol
Concen: 86.07 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.09 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

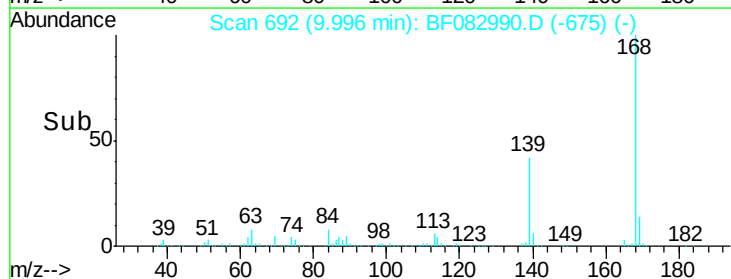
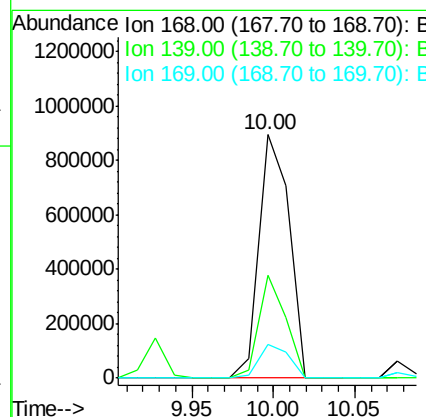
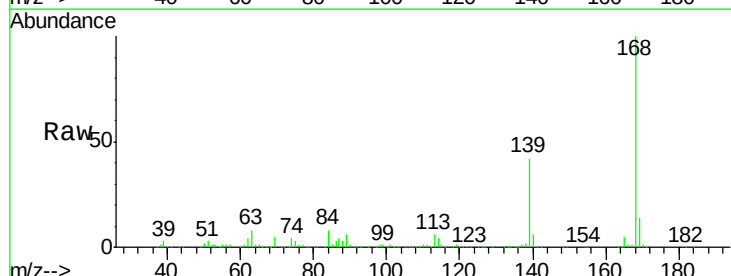
Instrument :
BNA_F
ClientSampled :

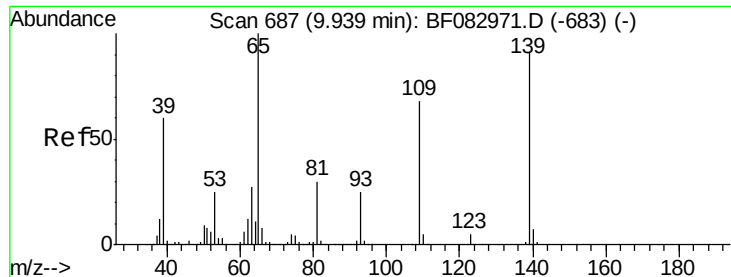
Tgt Ion:184 Resp: 242563
Ion Ratio Lower Upper
184 100
63 73.9 98.6 148.0#
154 64.3 183.9 275.9#



#54
Dibenzofuran
Concen: 43.73 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion:168 Resp: 1150782
Ion Ratio Lower Upper
168 100
139 42.3 37.8 56.6
169 13.7 11.3 16.9

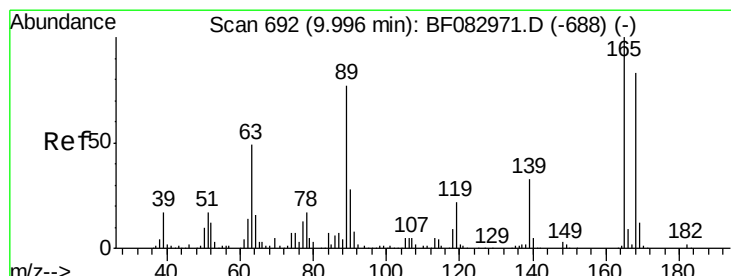
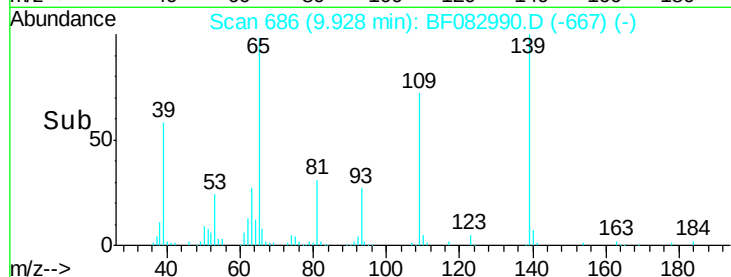
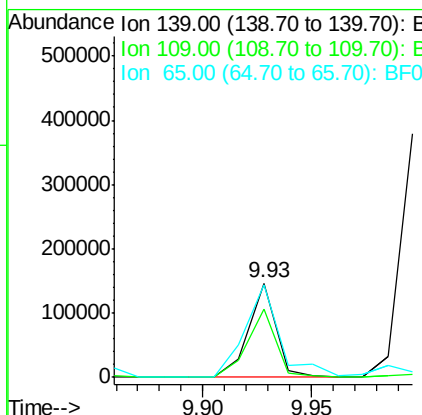
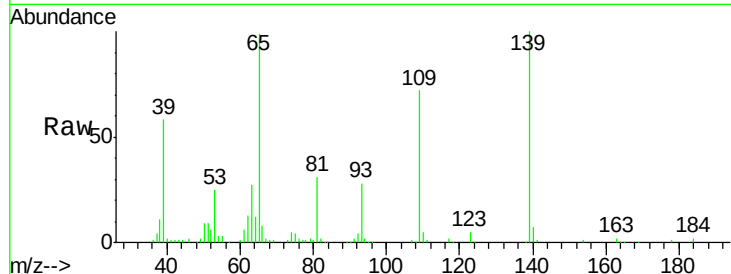




#55
4-Nitrophenol
Concen: 30.19 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.08 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

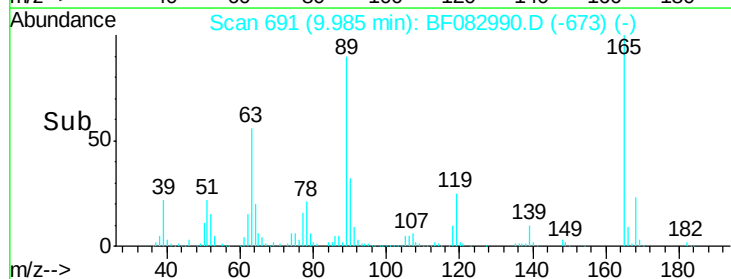
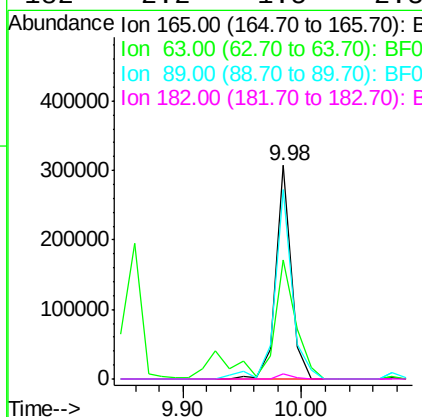
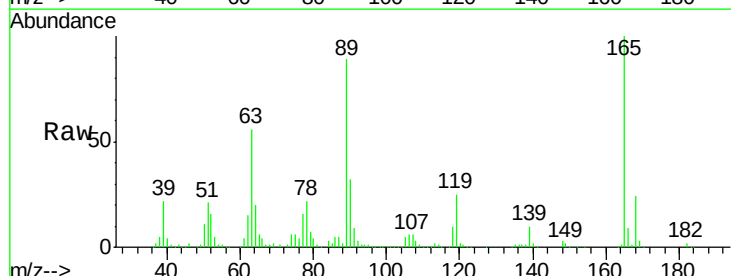
Instrument :
BNA_F
ClientSampled :

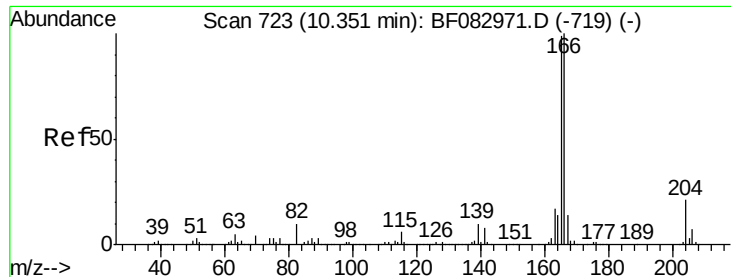
Tgt Ion:139 Resp: 130725
Ion Ratio Lower Upper
139 100
109 72.0 73.7 113.7#
65 98.7 82.9 122.9



#56
2,4-Dinitrotoluene
Concen: 39.70 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.09 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion:165 Resp: 276506
Ion Ratio Lower Upper
165 100
63 55.7 43.4 65.0
89 89.0 70.6 106.0
182 2.2 1.5 2.3

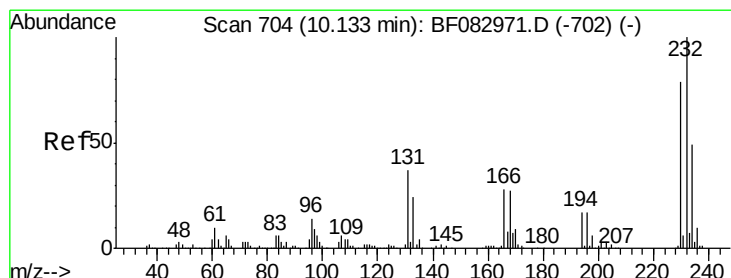
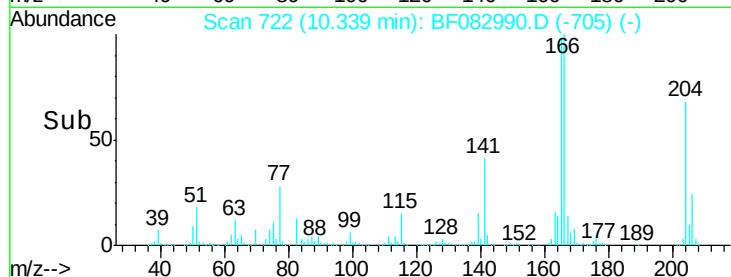
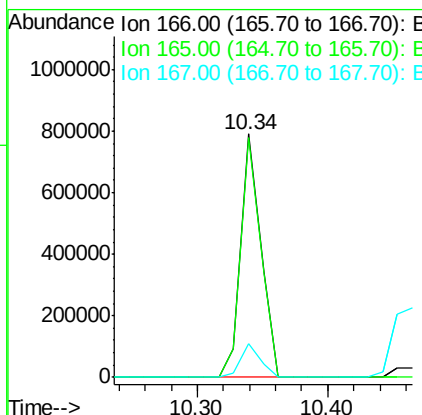
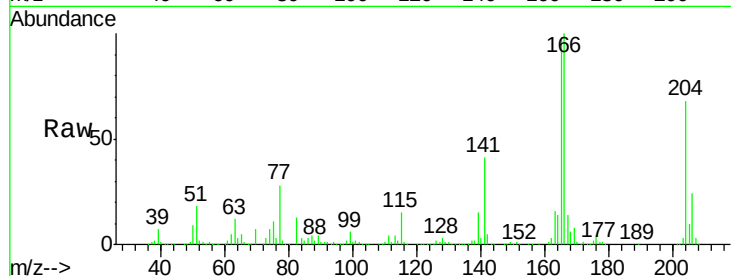




#57
 Fluorene
 Concen: 39.56 ng
 RT: 10.34 min Scan# 722
 Delta R.T. -0.10 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

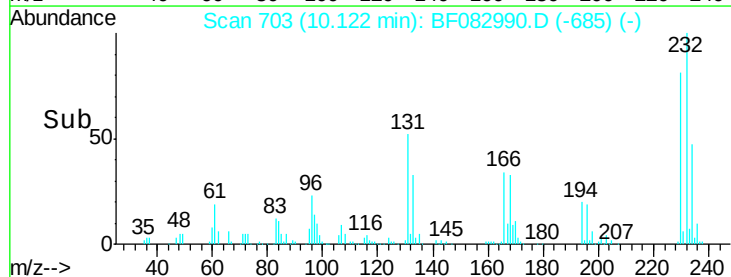
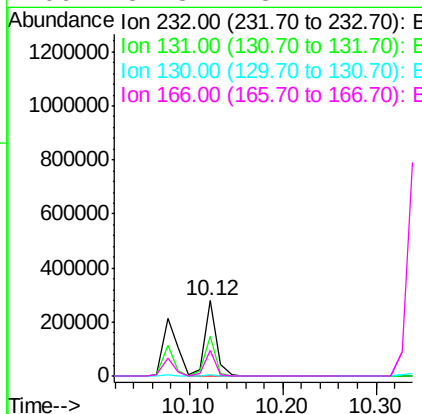
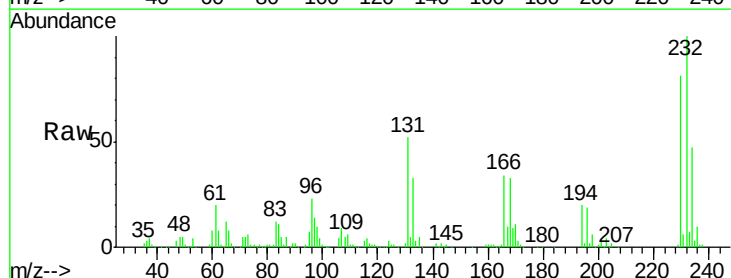
Instrument :
 BNA_F
 ClientSampleId :

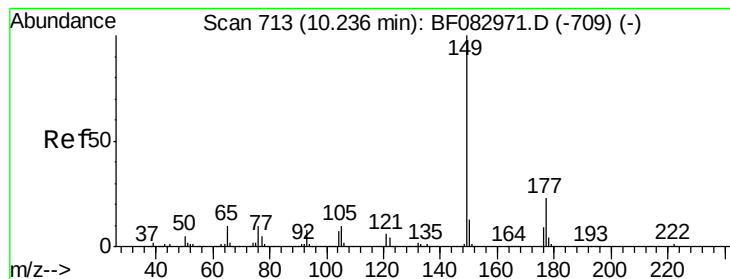
Tgt Ion:166 Resp: 843234
 Ion Ratio Lower Upper
 166 100
 165 98.4 80.2 120.4
 167 14.0 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.67 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion:232 Resp: 242238
 Ion Ratio Lower Upper
 232 100
 131 49.3 46.2 69.2
 130 2.3 2.4 3.6#
 166 32.8 28.2 42.2





#59

Diethylphthalate

Concen: 40.37 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.09 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampleId :

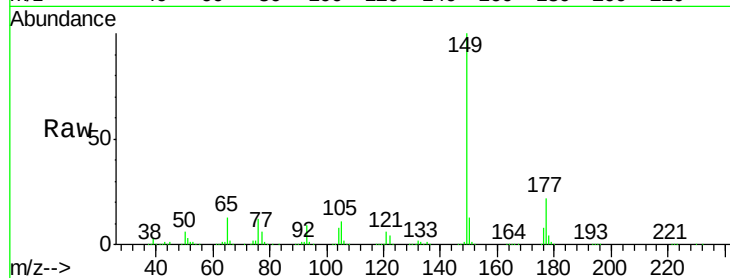
Tgt Ion:149 Resp: 948127

Ion Ratio Lower Upper

149 100

177 21.5 17.9 26.9

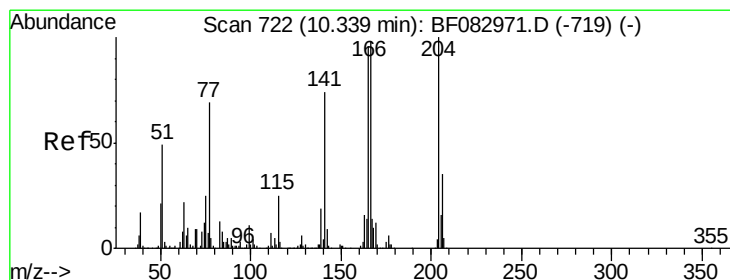
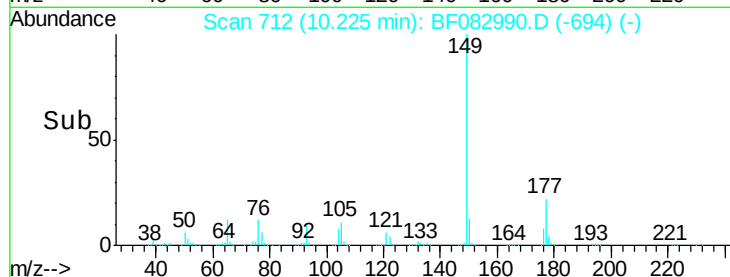
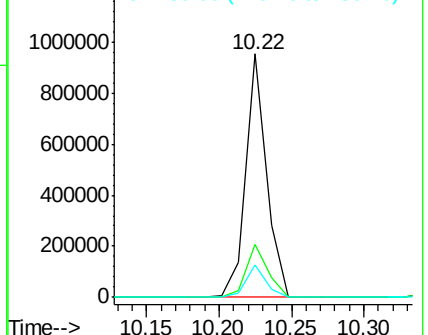
150 13.2 10.1 15.1



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: 42.91 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

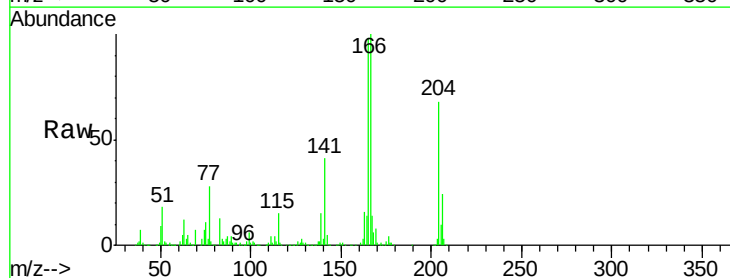
Tgt Ion:204 Resp: 457576

Ion Ratio Lower Upper

204 100

206 34.9 28.5 42.7

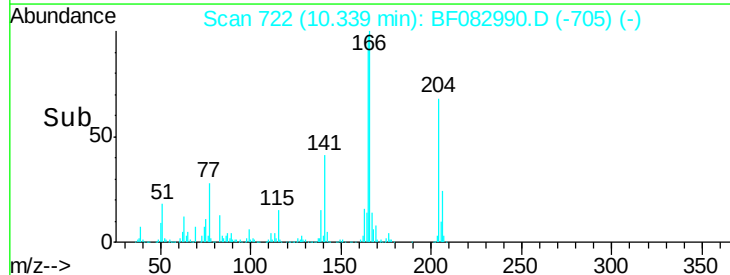
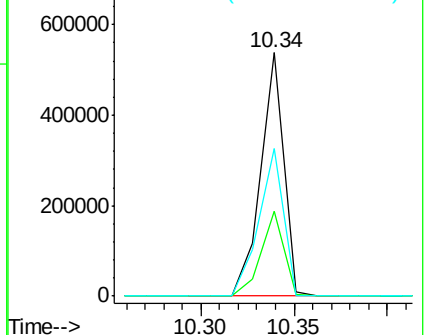
141 60.4 44.6 66.8

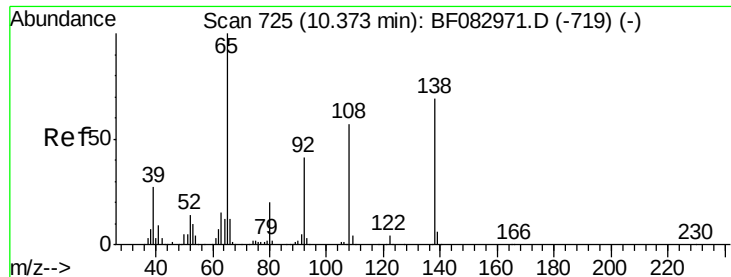


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

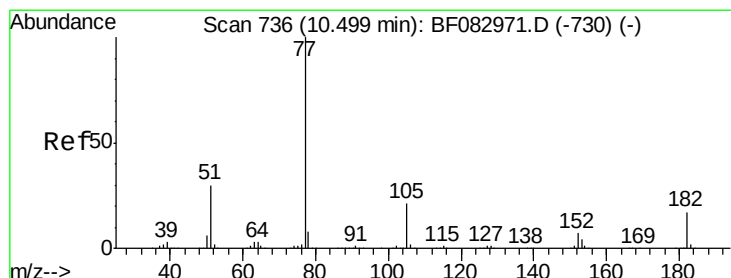
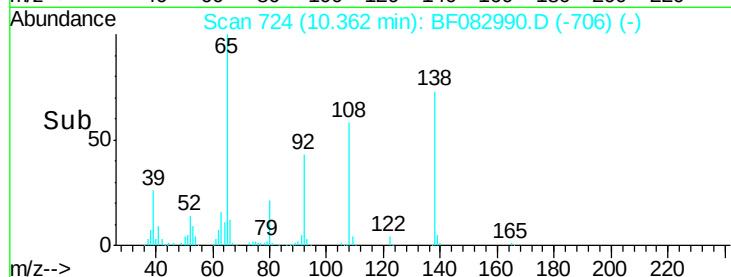
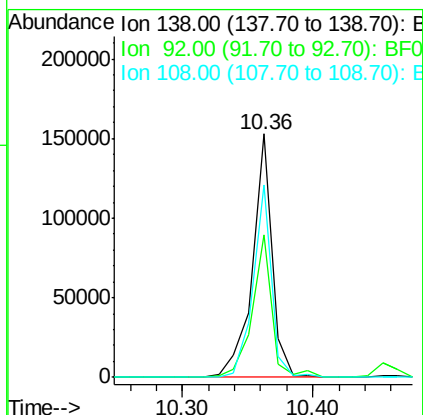
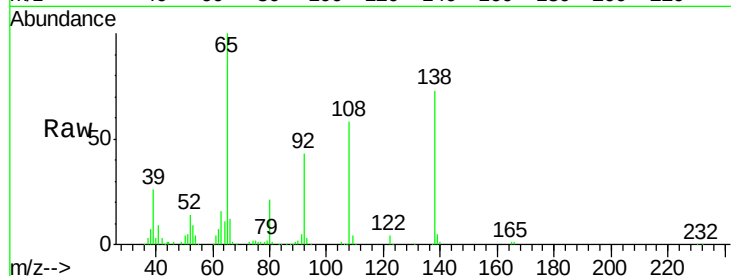




#61
4-Nitroaniline
Concen: 28.49 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.09 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

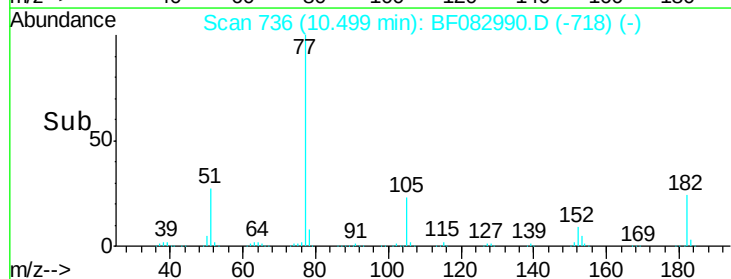
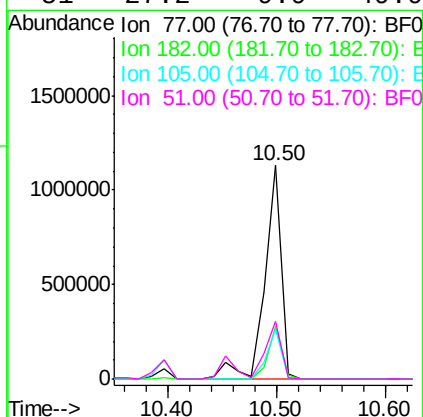
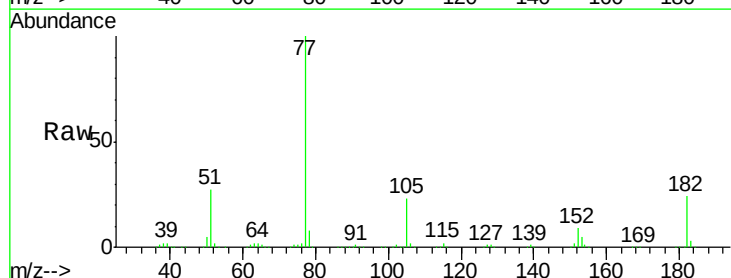
Instrument :
BNA_F
ClientSampleId :

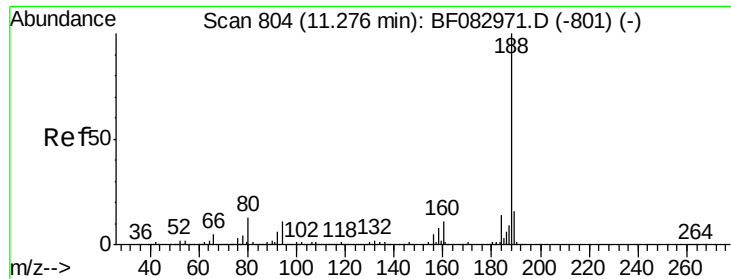
Tgt Ion:138 Resp: 161723
Ion Ratio Lower Upper
138 100
92 58.7 45.8 85.8
108 79.1 89.4 129.4#



#62
Azobenzene
Concen: 48.39 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.09 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion: 77 Resp: 1220791
Ion Ratio Lower Upper
77 100
182 24.3 9.3 49.3
105 23.4 2.6 42.6
51 27.2 9.9 49.9

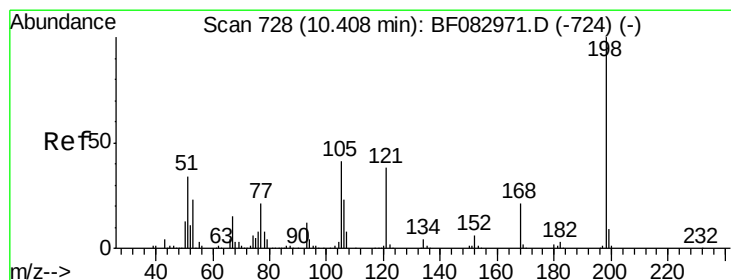
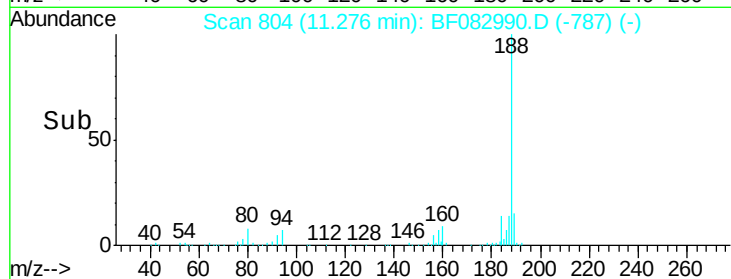
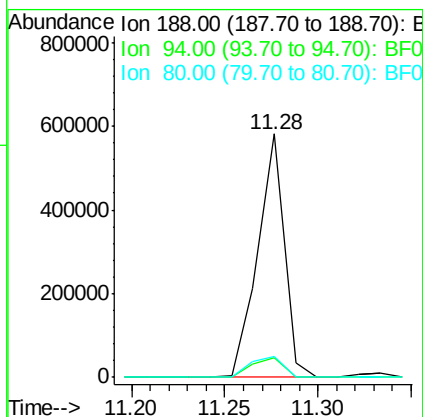
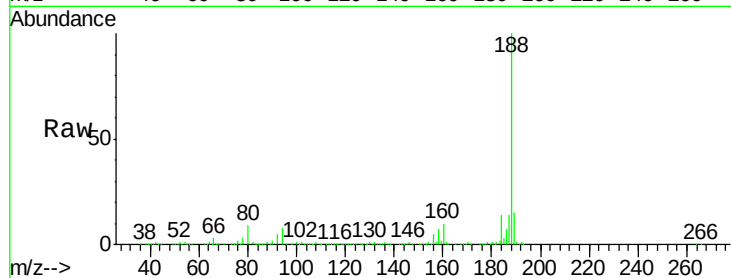




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

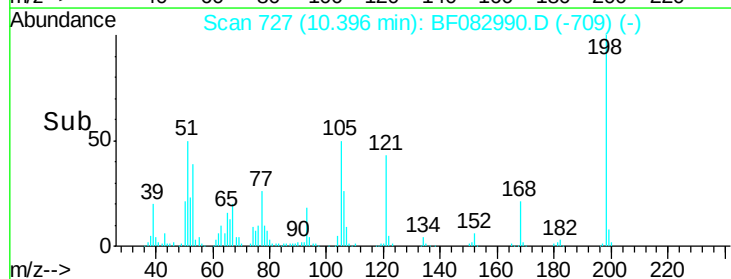
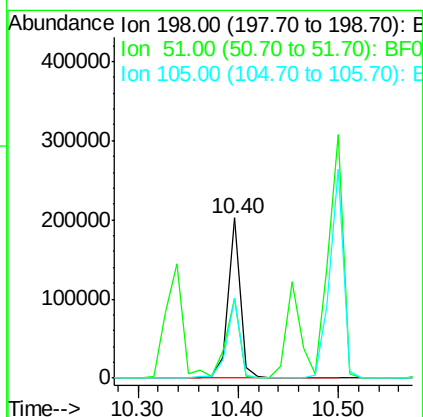
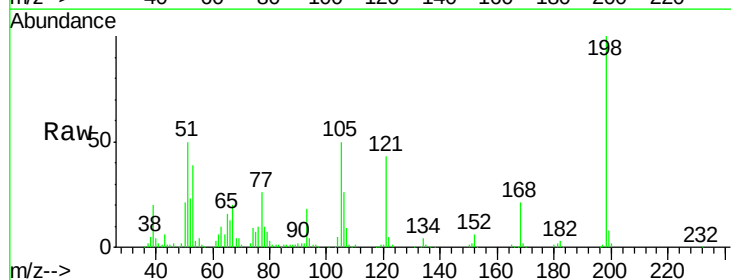
Instrument :
BNA_F
ClientSampleId :

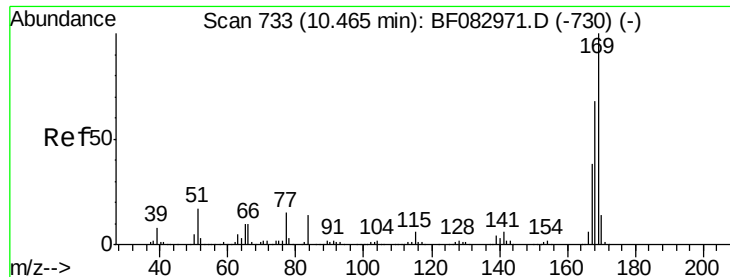
Tgt Ion:188 Resp: 570359
Ion Ratio Lower Upper
188 100
94 7.8 6.1 9.1
80 8.6 7.0 10.6



#64
4,6-Dinitro-2-methylphenol
Concen: 41.99 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.09 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion:198 Resp: 170636
Ion Ratio Lower Upper
198 100
51 50.0 17.3 57.3
105 49.7 21.7 61.7





#65

n-Nitrosodiphenylamine

Concen: 40.23 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.09 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampleId :

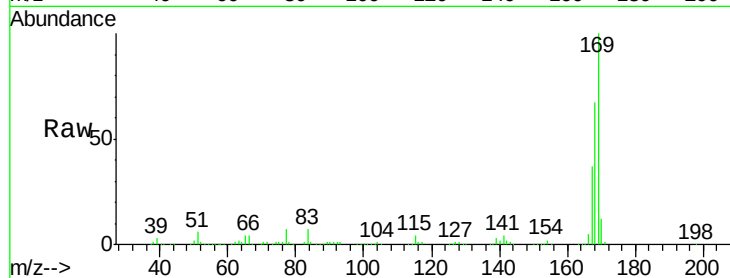
Tgt Ion:169 Resp: 828950

Ion Ratio Lower Upper

169 100

168 67.3 55.0 82.6

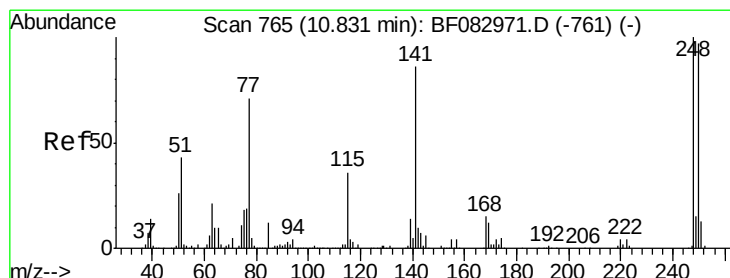
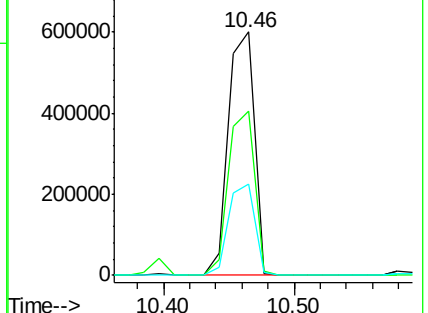
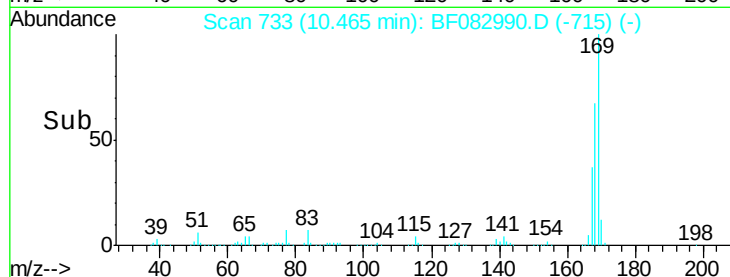
167 37.3 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.59 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.09 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

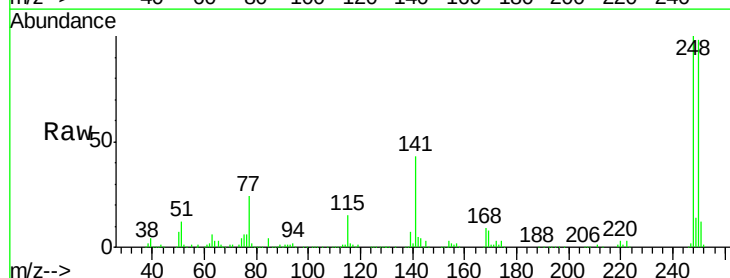
Tgt Ion:248 Resp: 285604

Ion Ratio Lower Upper

248 100

250 97.9 79.4 119.2

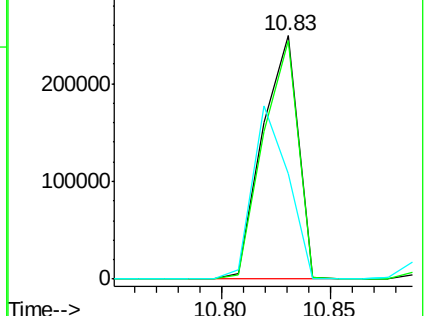
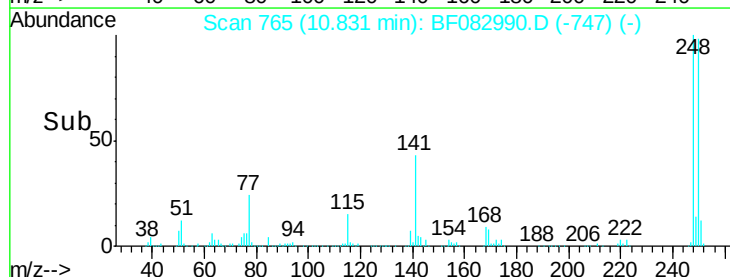
141 43.5 36.3 54.5

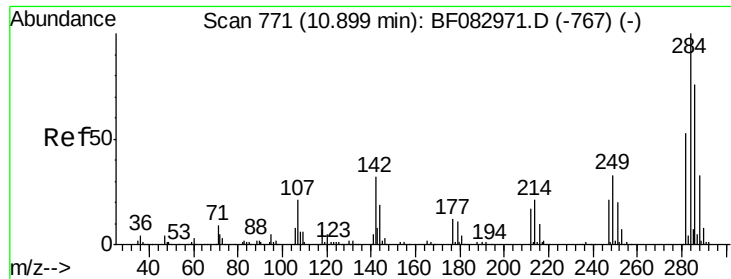


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.76 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.10 min

Lab File: BF082990.D

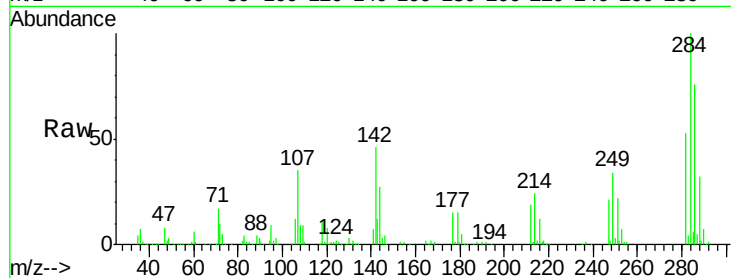
Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampleId :

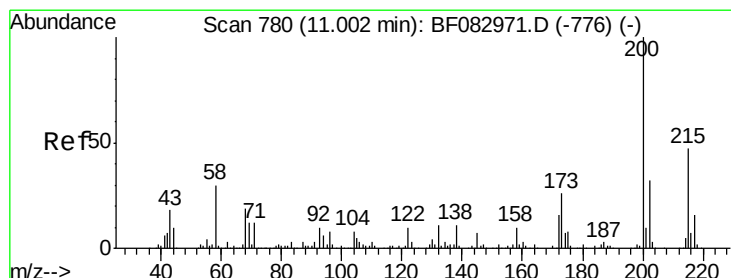
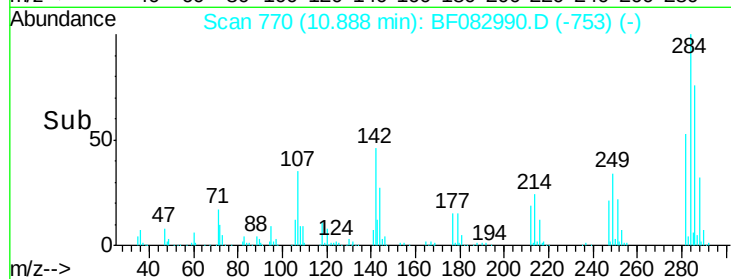
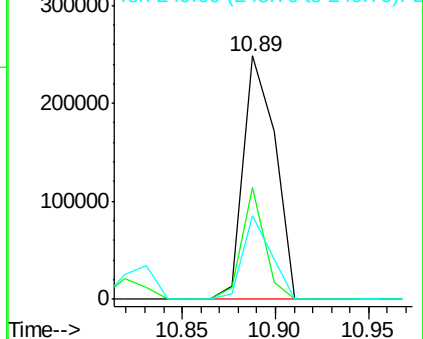
Tgt Ion:	284	Resp:	297202
Ion Ratio	Lower	Upper	
284	100		
142	46.2	47.9	71.9#
249	34.3	29.7	44.5



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: 41.60 ng

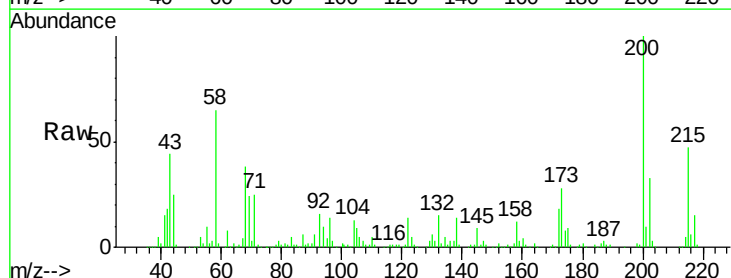
RT: 10.99 min Scan# 779

Delta R.T. -0.09 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

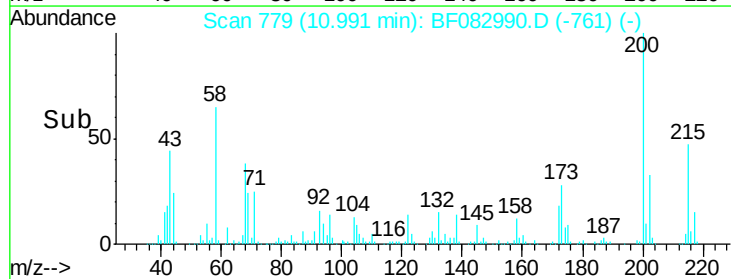
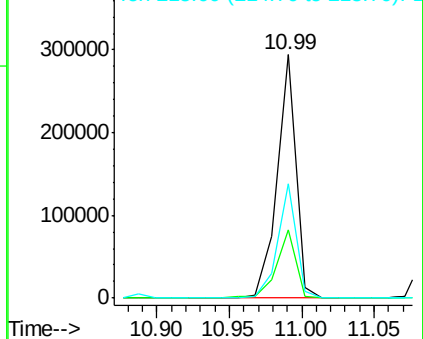
Tgt Ion:	200	Resp:	265074
Ion Ratio	Lower	Upper	
200	100		
173	28.1	6.9	46.9
215	47.0	22.9	62.9

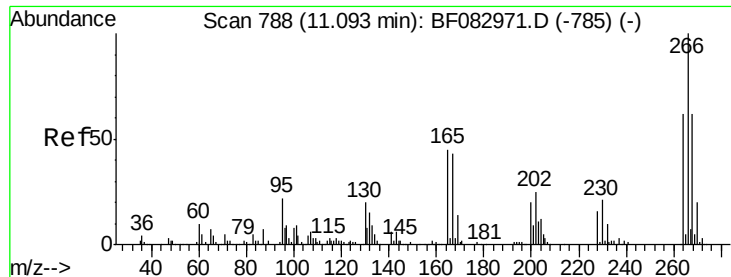


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

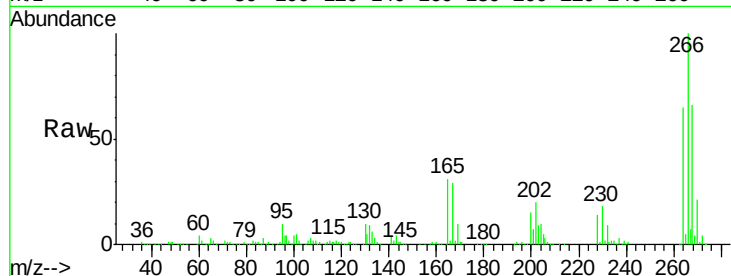




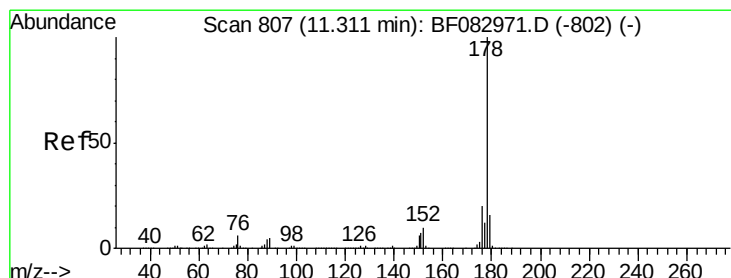
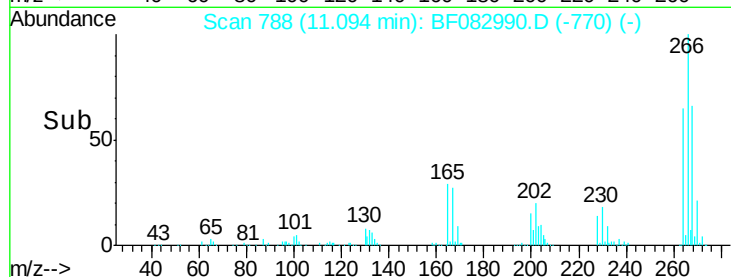
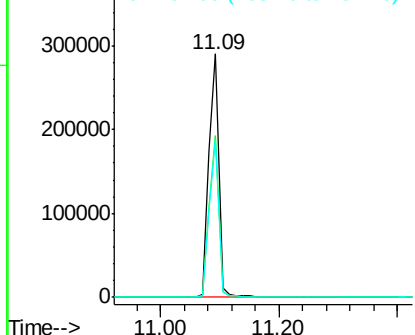
#69
 Pentachlorophenol
 Concen: 73.30 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 266 Resp: 341314
 Ion Ratio Lower Upper
 266 100
 268 66.2 51.0 76.6
 264 64.6 50.6 75.8

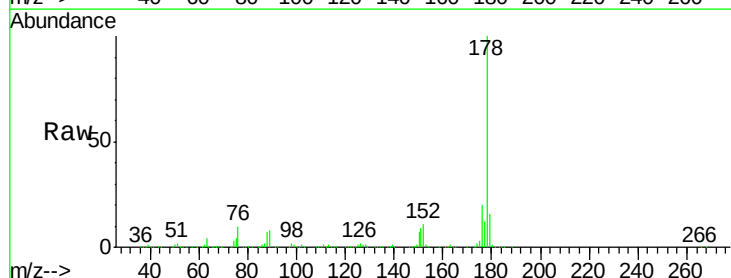


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

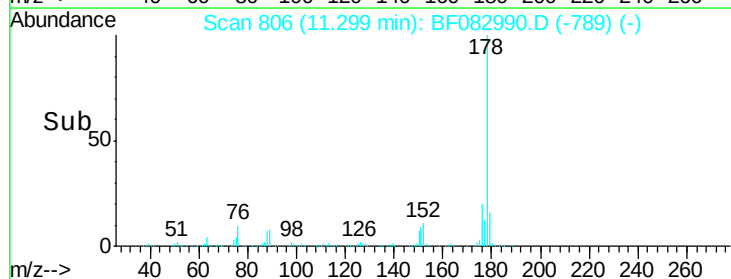
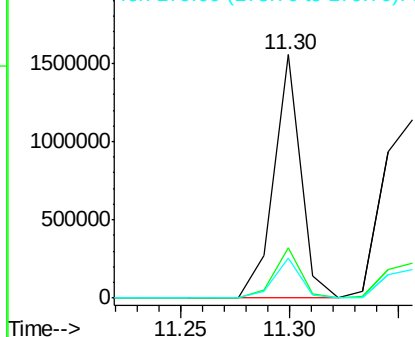


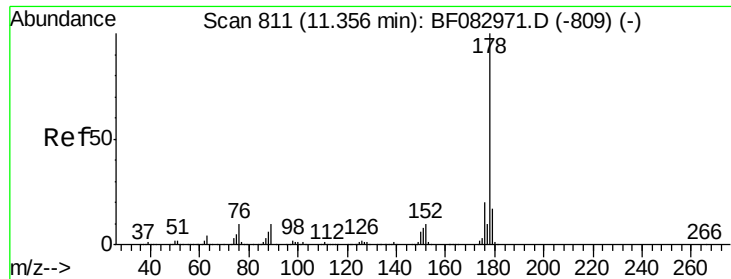
#70
 Phenanthrene
 Concen: 40.94 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.10 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion: 178 Resp: 1356086
 Ion Ratio Lower Upper
 178 100
 176 20.5 17.0 25.4
 179 16.5 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

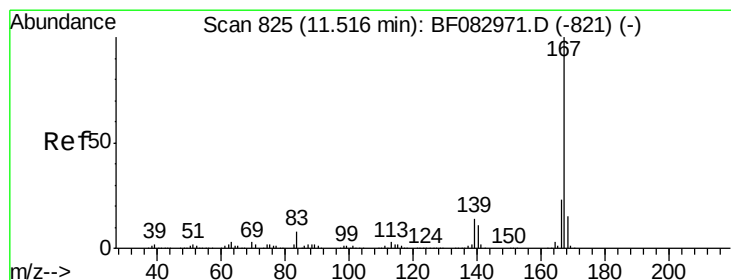
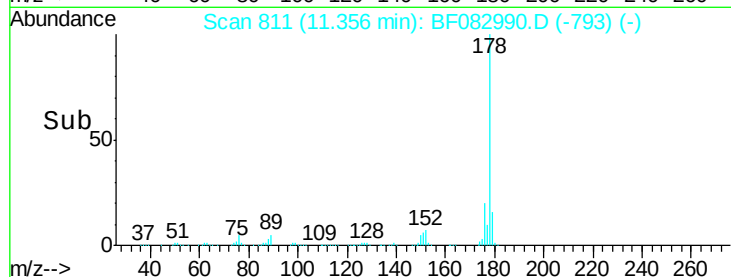
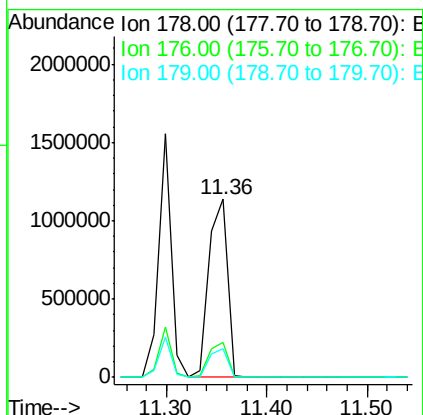
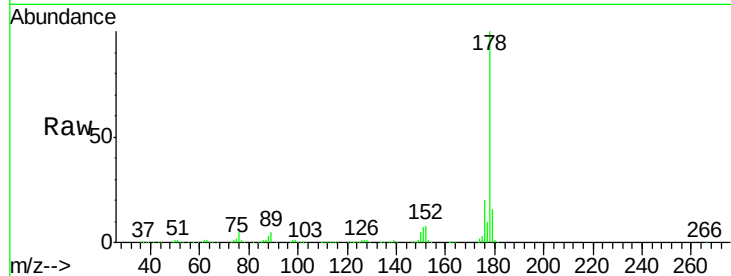




#71
 Anthracene
 Concen: 41.81 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

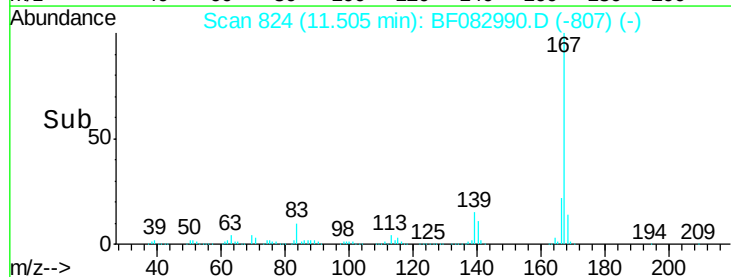
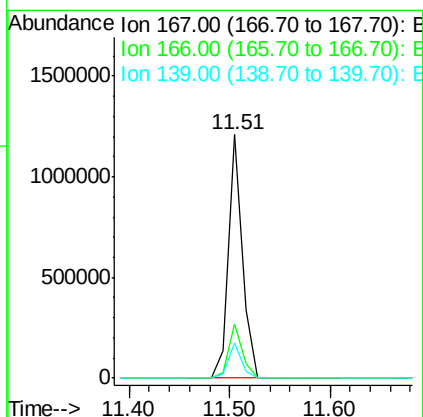
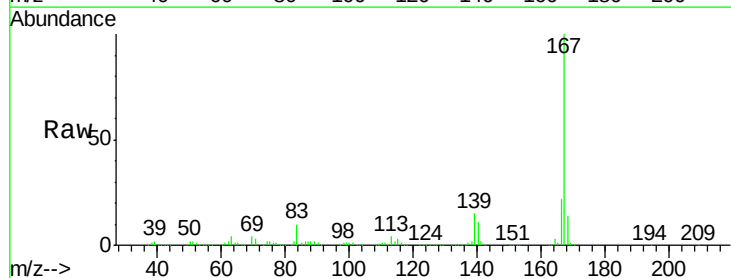
Instrument :
 BNA_F
 ClientSampleId :

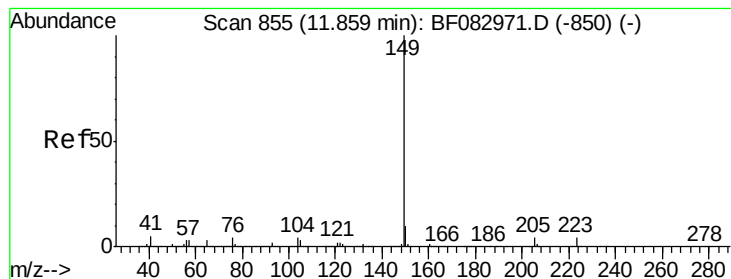
Tgt Ion:178 Resp: 1458868
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.5 24.7
 179 15.7 13.2 19.8



#72
 Carbazole
 Concen: 38.24 ng
 RT: 11.51 min Scan# 824
 Delta R.T. -0.10 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion:167 Resp: 1167886
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.7 28.1
 139 14.6 11.8 17.6





#73

Di-n-butylphthalate

Concen: 39.93 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampled :

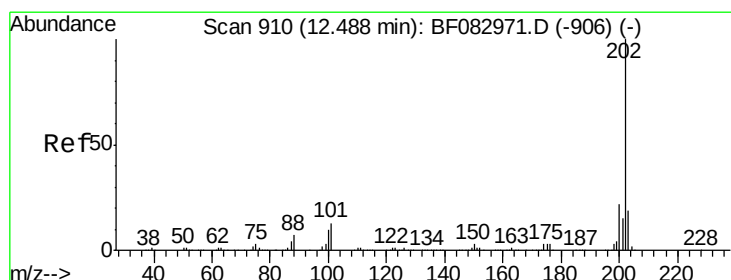
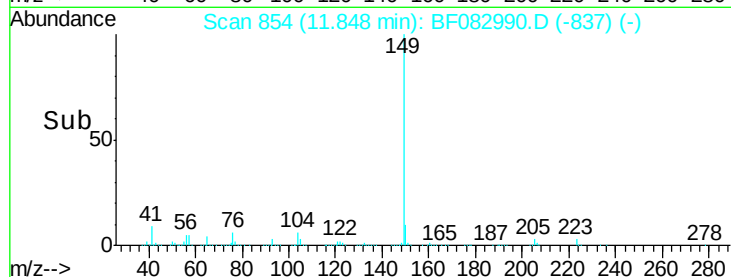
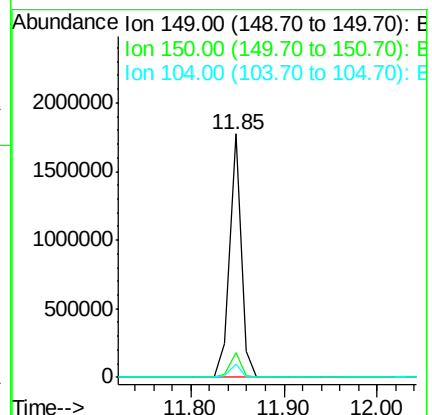
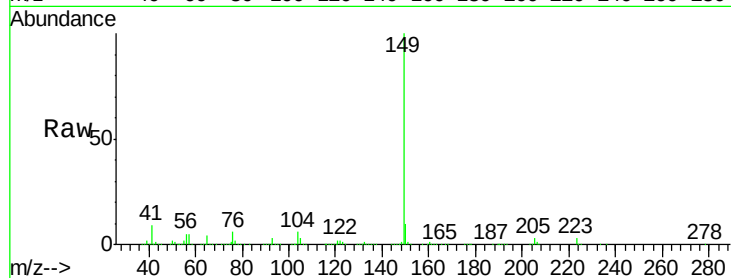
Tgt Ion:149 Resp: 1519317

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

104 5.6 5.2 7.8



#74

Fluoranthene

Concen: 43.57 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

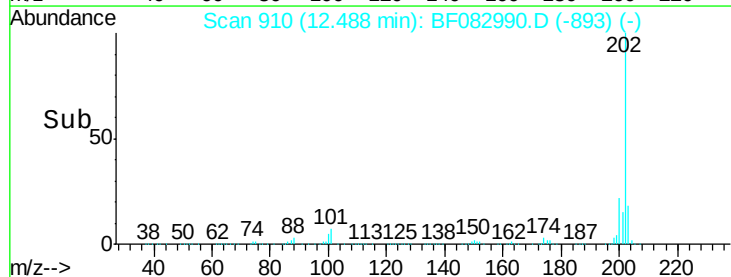
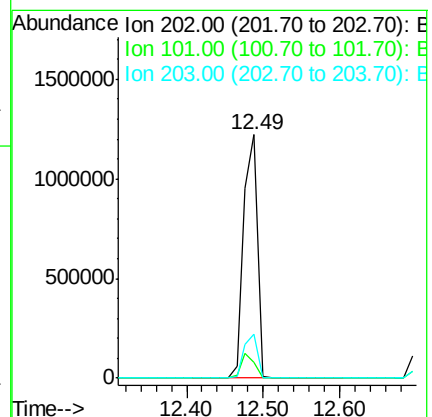
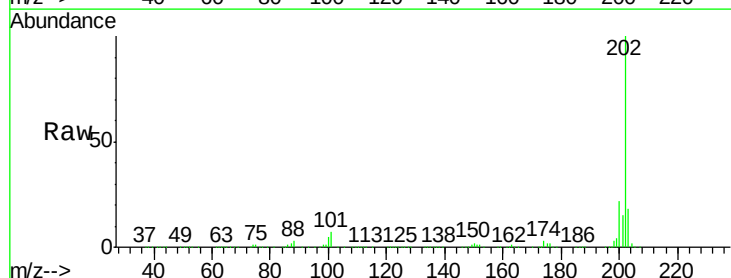
Tgt Ion:202 Resp: 1548510

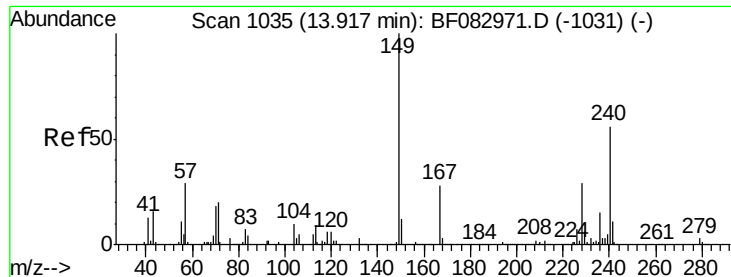
Ion Ratio Lower Upper

202 100

101 6.6 0.0 30.5

203 18.3 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampleId :

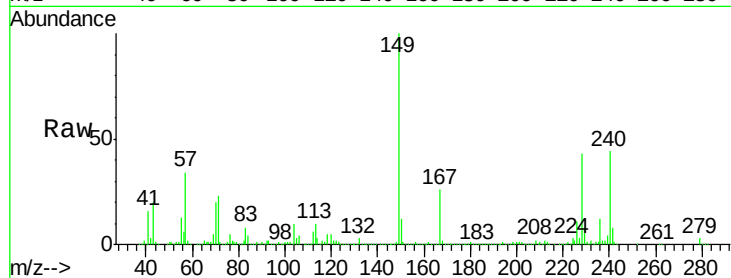
Tgt Ion:240 Resp: 432635

Ion Ratio Lower Upper

240 100

120 12.2 10.9 16.3

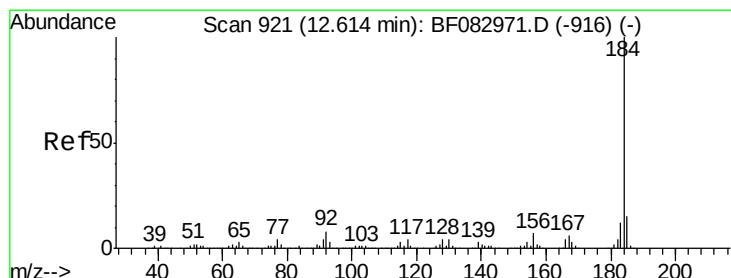
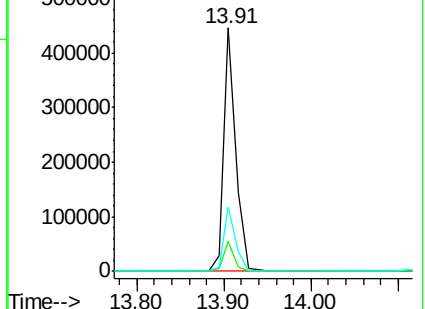
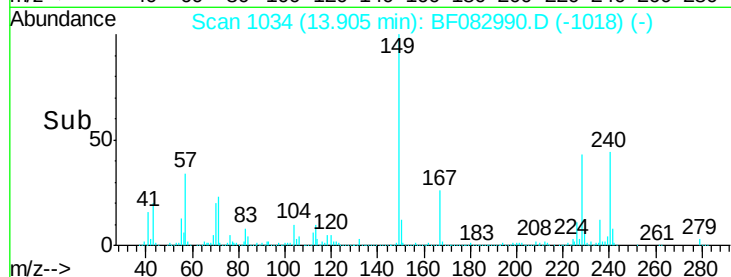
236 26.4 21.6 32.4



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: 19.24 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

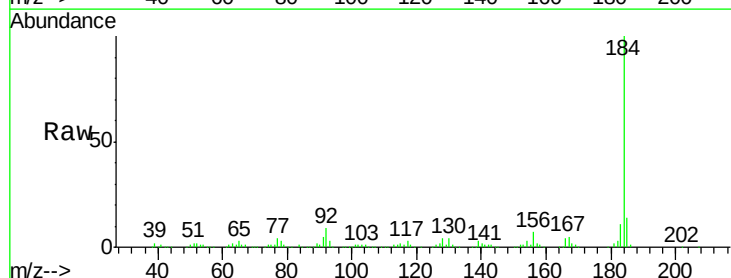
Tgt Ion:184 Resp: 279039

Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

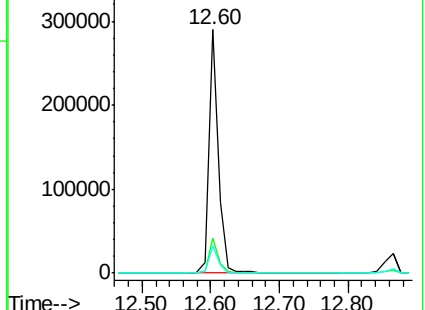
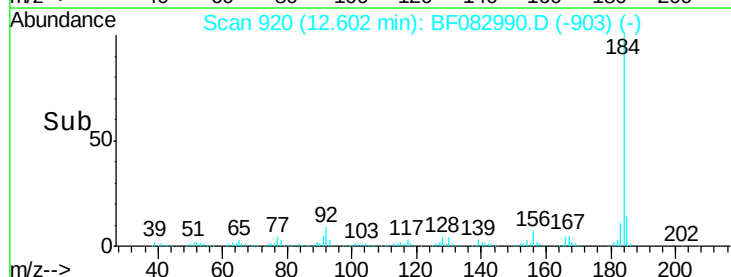
183 11.1 9.6 14.4

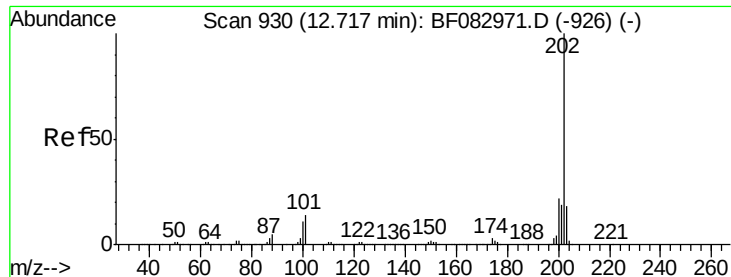


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 49.46 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.11 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampleId :

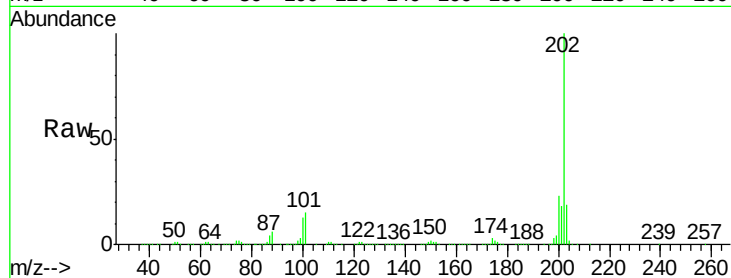
Tgt Ion:202 Resp: 1469569

Ion Ratio Lower Upper

202 100

200 22.6 18.7 28.1

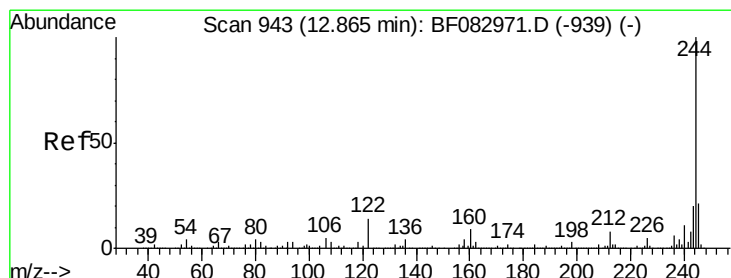
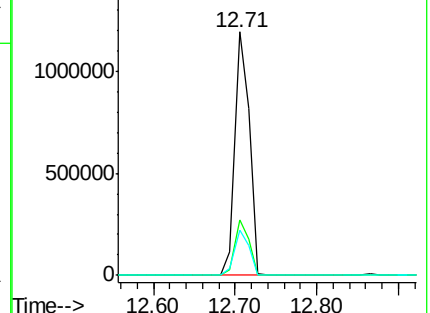
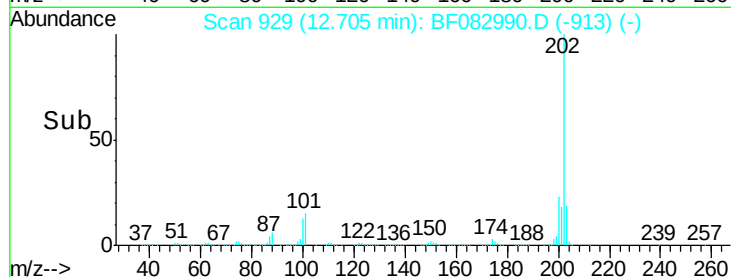
203 18.6 14.8 22.2



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: 106.91 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

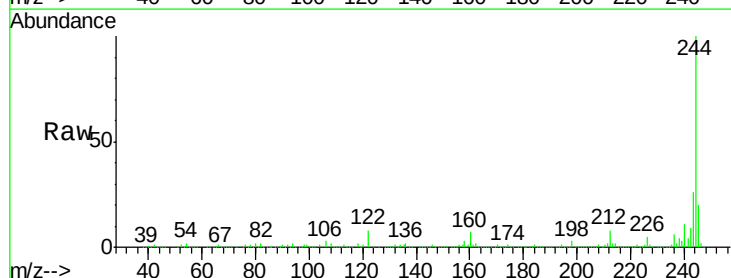
Tgt Ion:244 Resp: 1950069

Ion Ratio Lower Upper

244 100

212 7.7 7.6 11.4

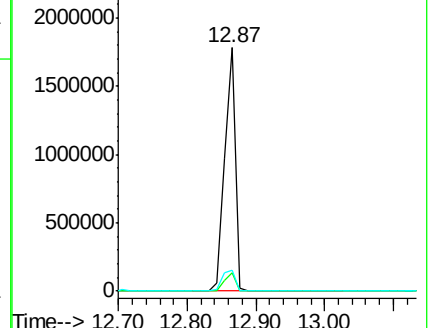
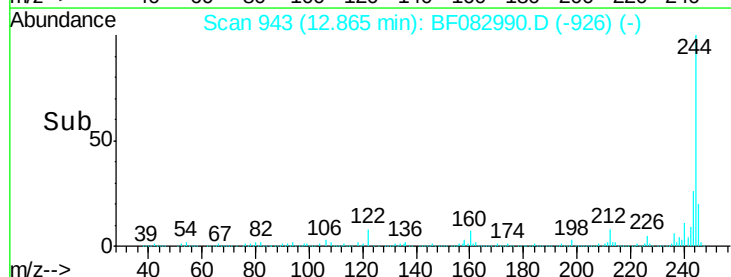
122 8.4 11.3 16.9#

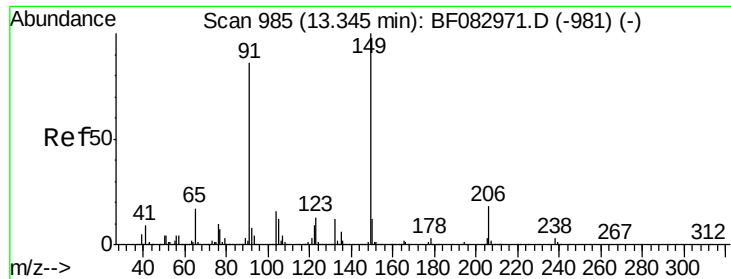


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

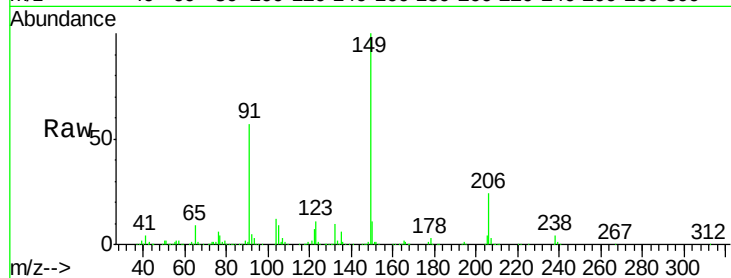




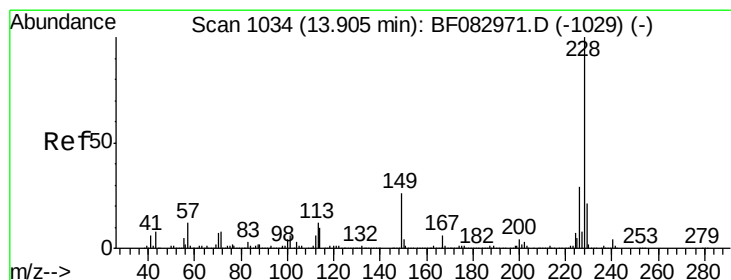
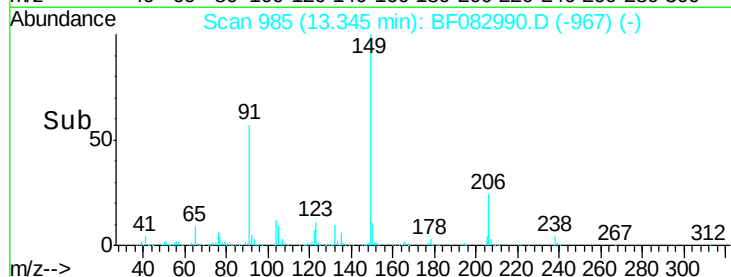
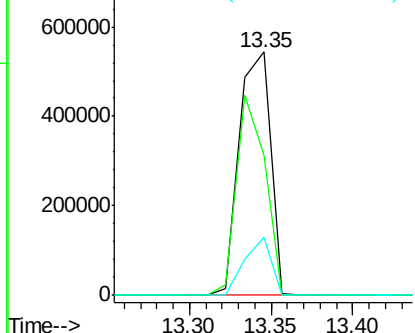
#79
Butylbenzylphthalate
Concen: 54.95 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.09 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 721208
Ion Ratio Lower Upper
149 100
91 57.4 67.7 101.5#
206 23.9 14.6 22.0#

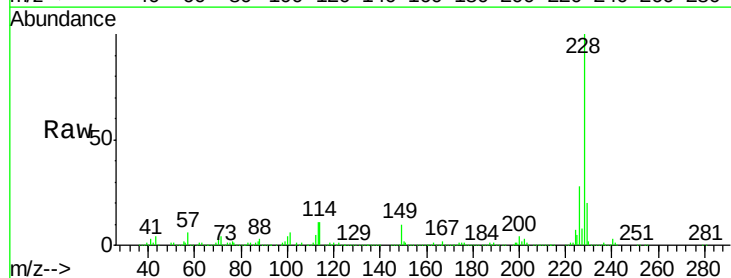


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

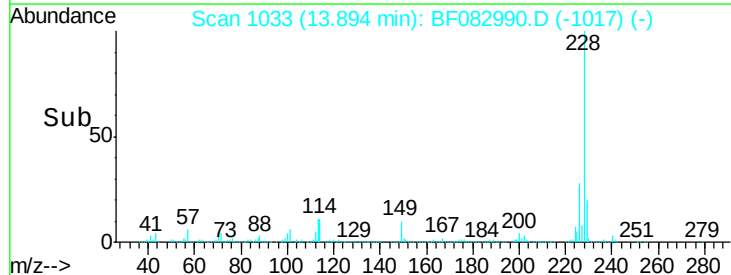
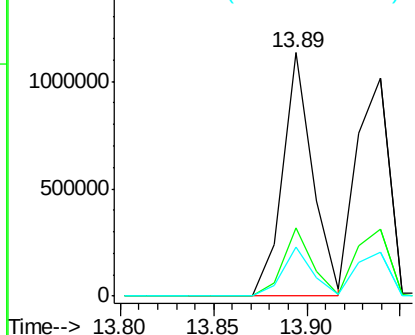


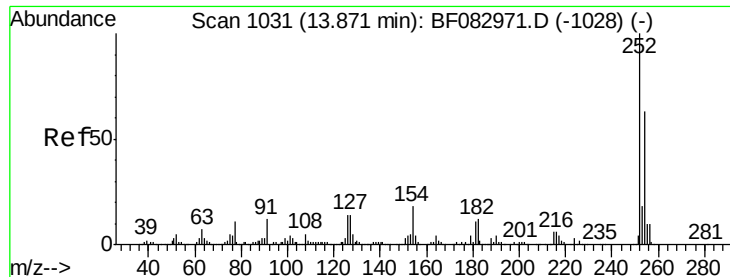
#80
Benzo(a)anthracene
Concen: 47.07 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.11 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion:228 Resp: 1273498
Ion Ratio Lower Upper
228 100
226 28.0 23.4 35.2
229 20.4 16.3 24.5



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

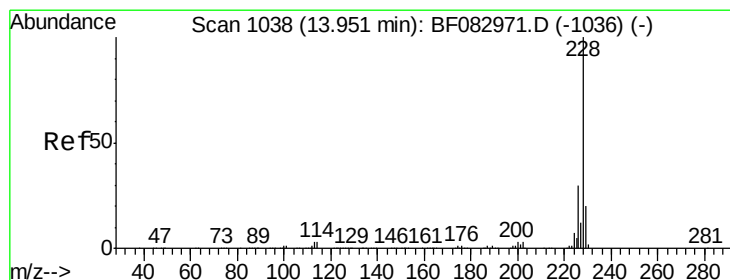
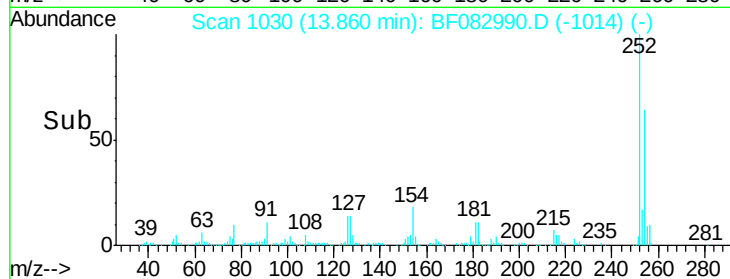
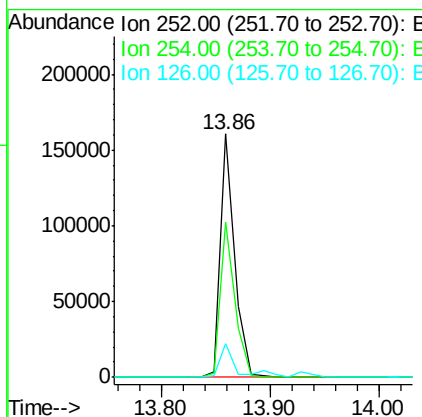
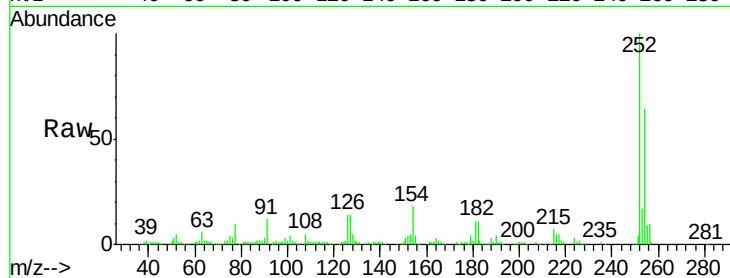




#81
 3,3'-Dichlorobenzidine
 Concen: 15.39 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.11 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

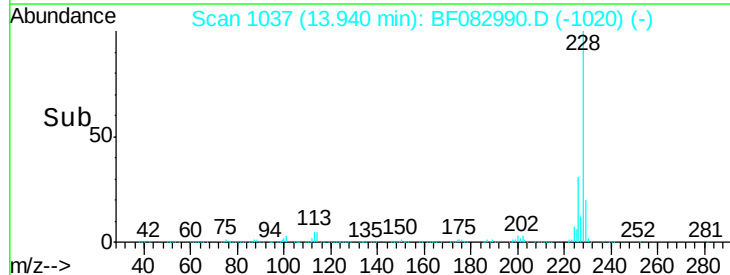
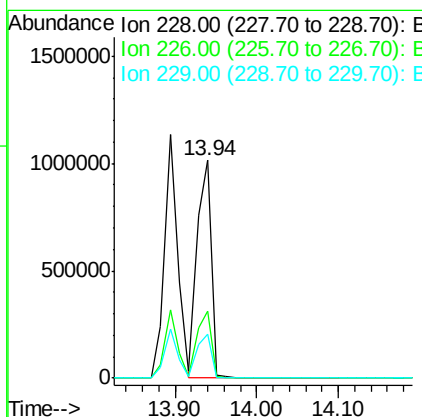
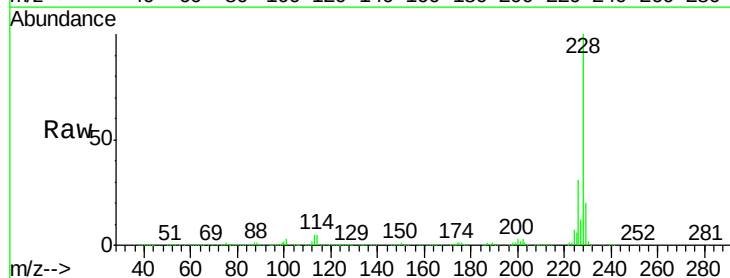
Instrument :
 BNA_F
 ClientSampleId :

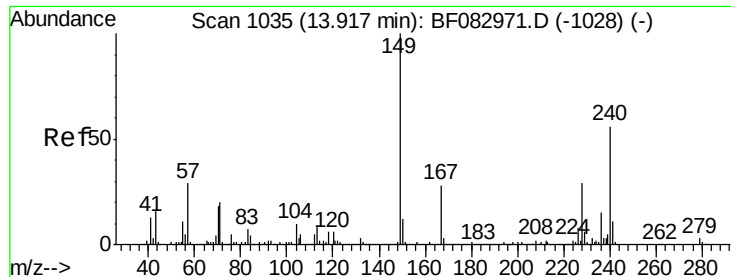
Tgt Ion:252 Resp: 147984
 Ion Ratio Lower Upper
 252 100
 254 63.8 51.4 77.0
 126 13.9 10.7 16.1



#82
 Chrysene
 Concen: 50.07 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.10 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion:228 Resp: 1240583
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.5 38.3
 229 20.0 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.18 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampleId :

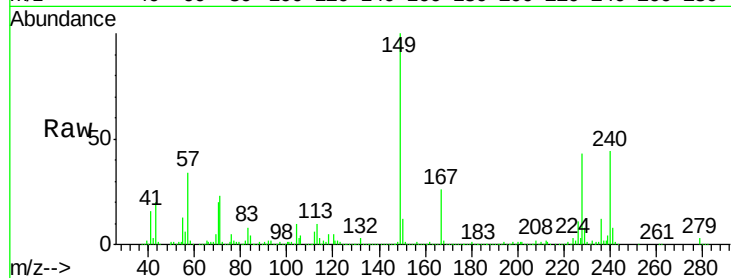
Tgt Ion:149 Resp: 901448

Ion Ratio Lower Upper

149 100

167 26.3 21.2 31.8

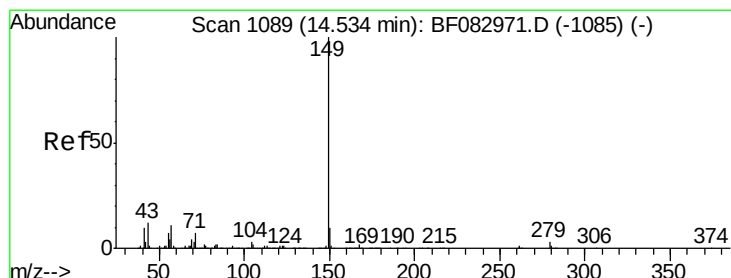
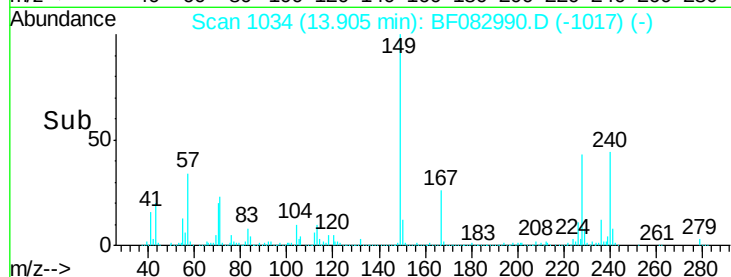
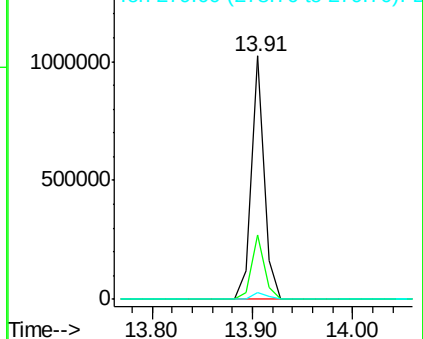
279 2.6 2.2 3.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.25 ng

RT: 14.51 min Scan# 1087

Delta R.T. -0.13 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

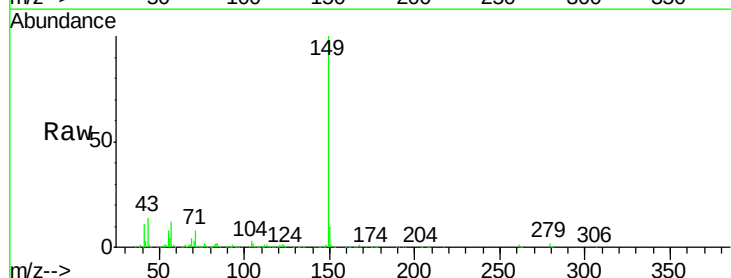
Tgt Ion:149 Resp: 1505891

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

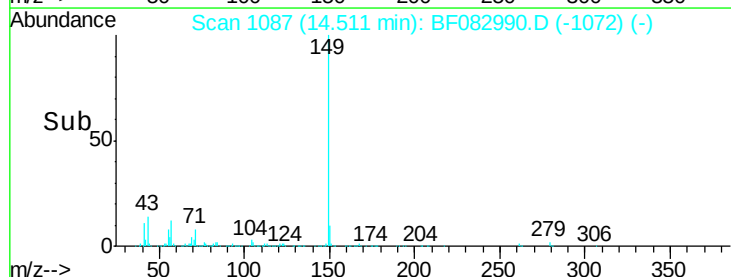
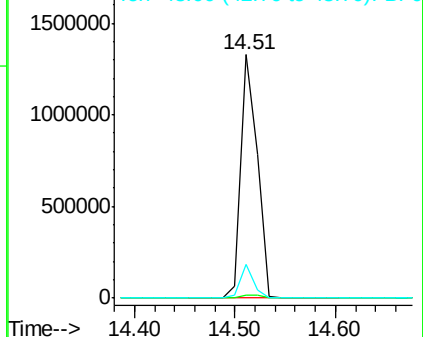
43 11.4 10.1 15.1

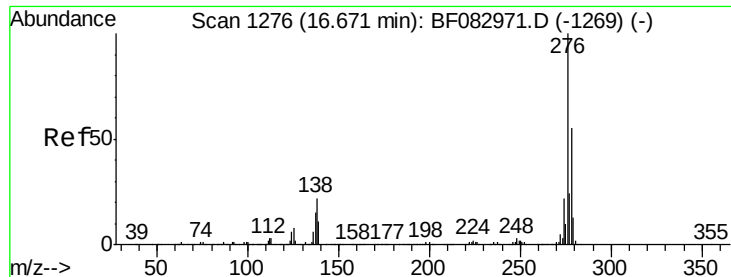


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.63 ng

RT: 16.64 min Scan# 1273

Delta R.T. -0.22 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampled :

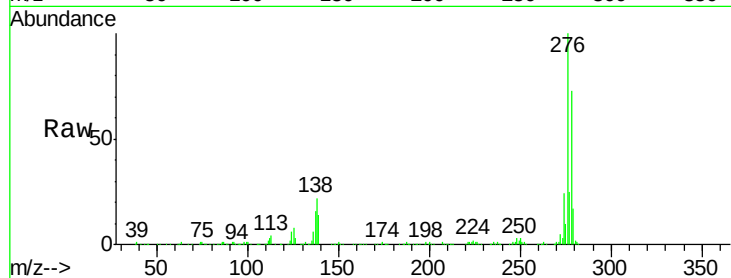
Tgt Ion: 276 Resp: 973782

Ion Ratio Lower Upper

276 100

138 23.7 15.3 22.9#

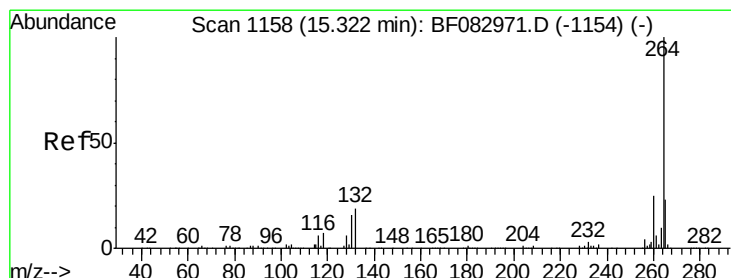
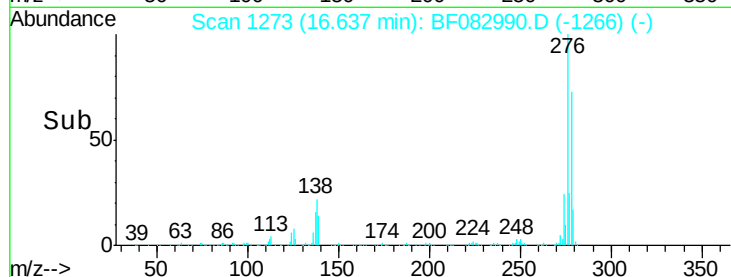
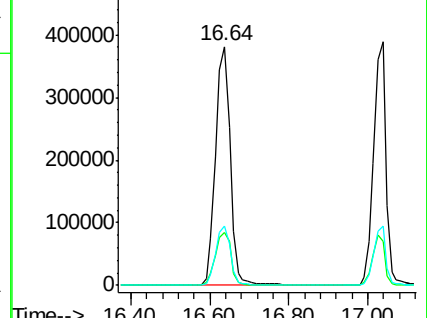
277 24.9 20.2 30.4



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: 15.30 min Scan# 1156

Delta R.T. -0.16 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

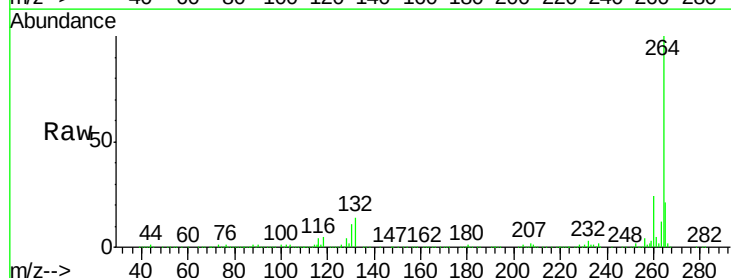
Tgt Ion: 264 Resp: 373755

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

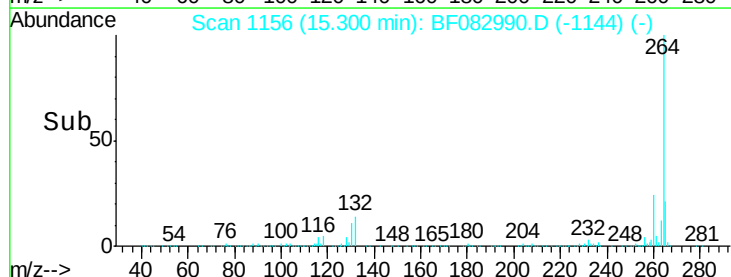
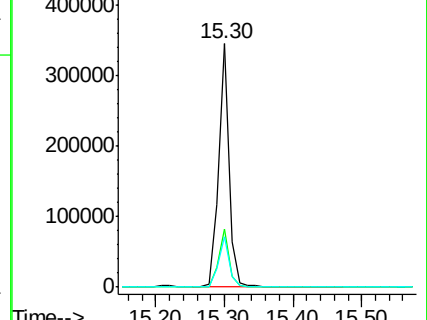
265 20.8 17.4 26.0

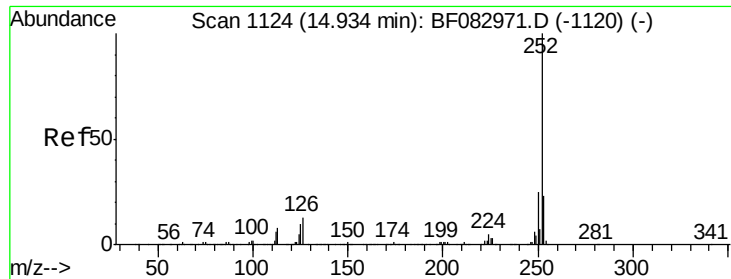


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

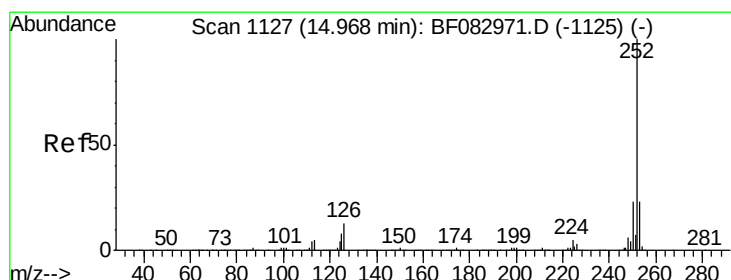
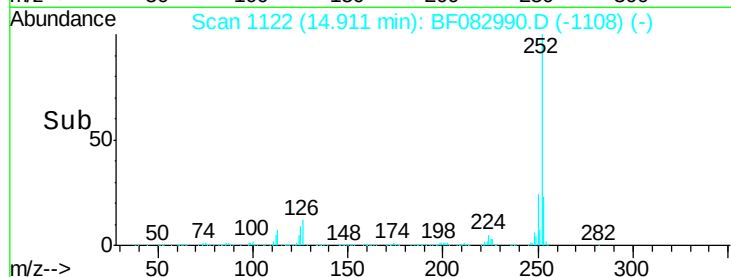
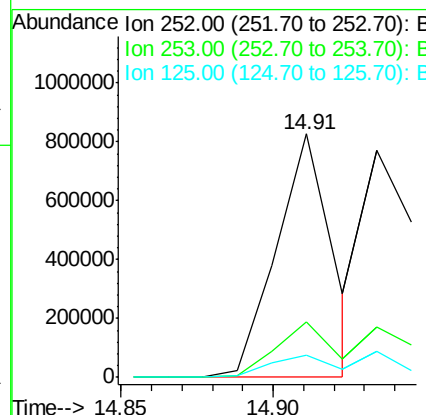
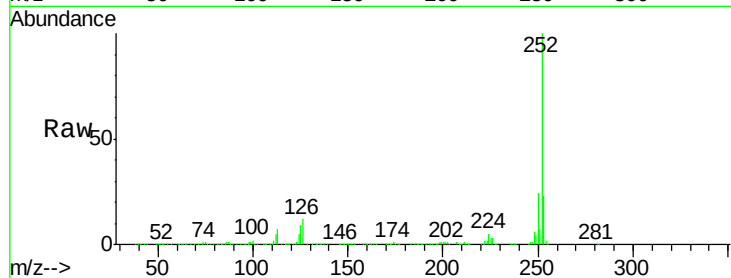




#87
Benzo(b)fluoranthene
Concen: 43.34 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.14 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

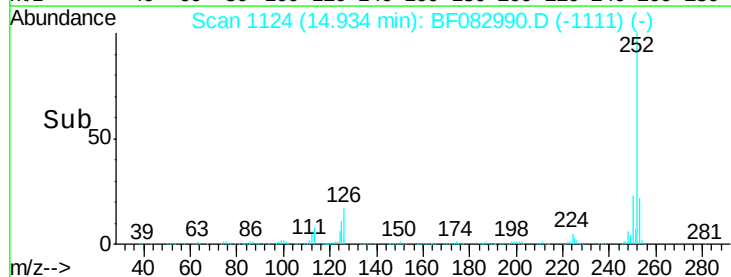
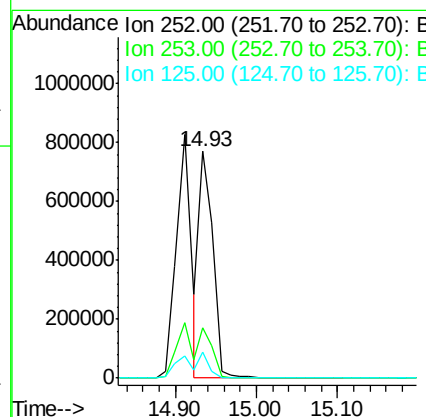
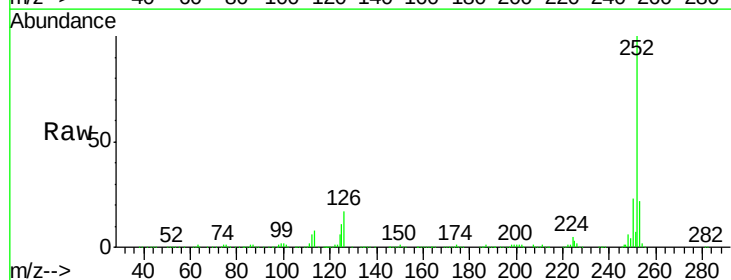
Instrument :
BNA_F
ClientSampleId :

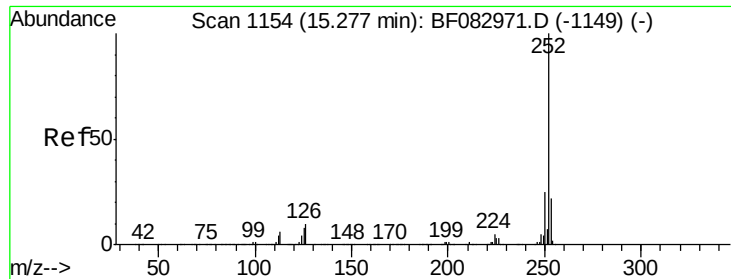
Tgt Ion:252 Resp: 1039871
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 9.1 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 43.77 ng m
RT: 14.93 min Scan# 1124
Delta R.T. -0.15 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion:252 Resp: 931590
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 11.3 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 42.67 ng

RT: 15.24 min Scan# 1151

Delta R.T. -0.16 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampleId :

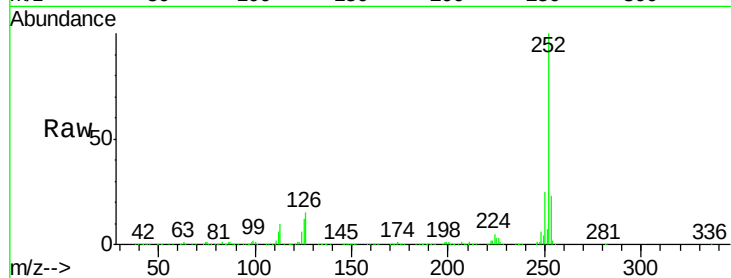
Tgt Ion:252 Resp: 886982

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

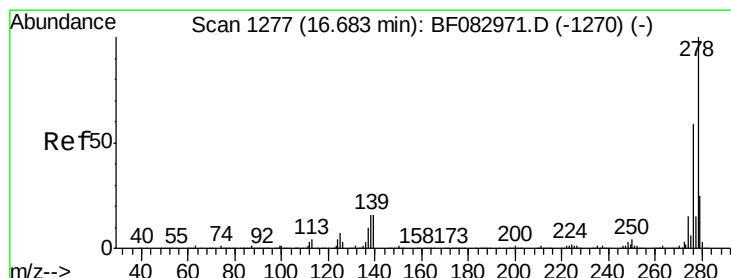
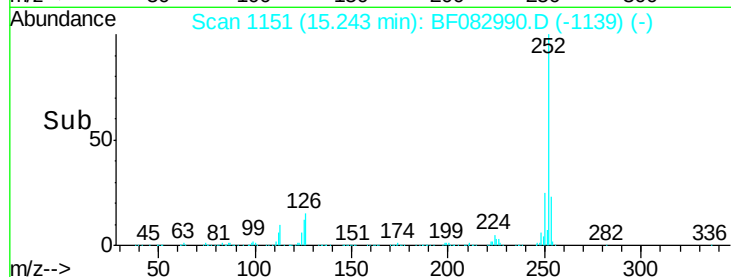
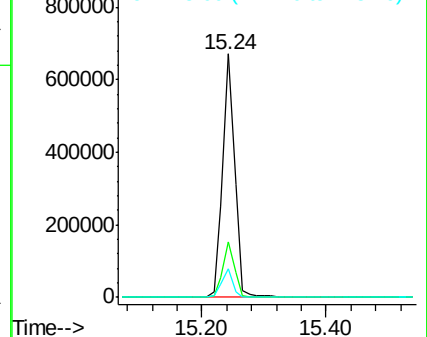
125 11.6 7.1 10.7#



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: 46.80 ng

RT: 16.65 min Scan# 1274

Delta R.T. -0.23 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

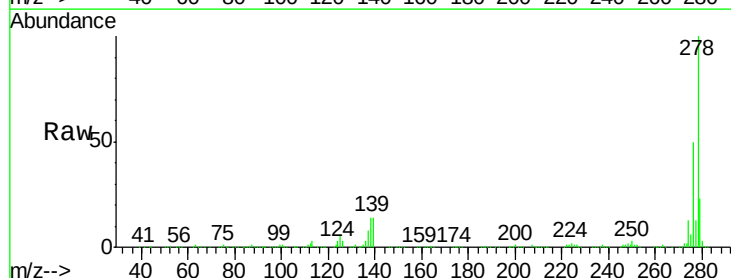
Tgt Ion:278 Resp: 823688

Ion Ratio Lower Upper

278 100

139 14.5 9.9 14.9

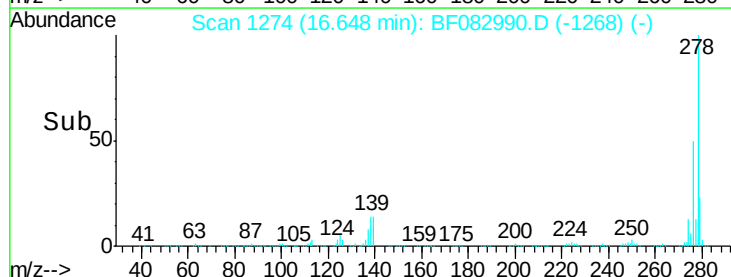
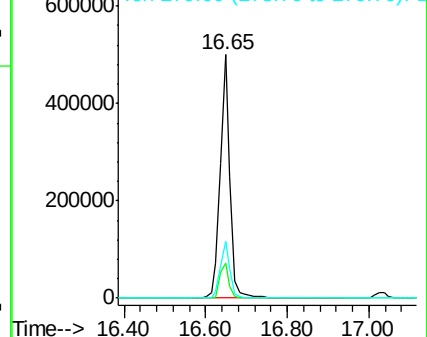
279 23.2 19.6 29.4

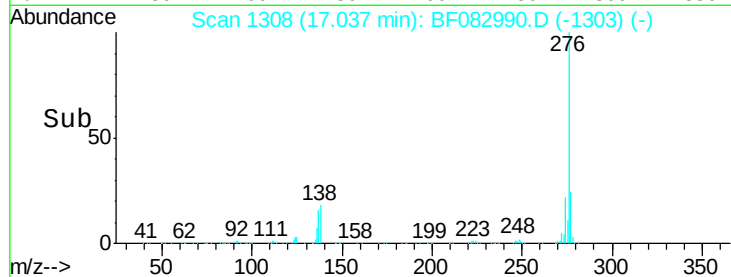
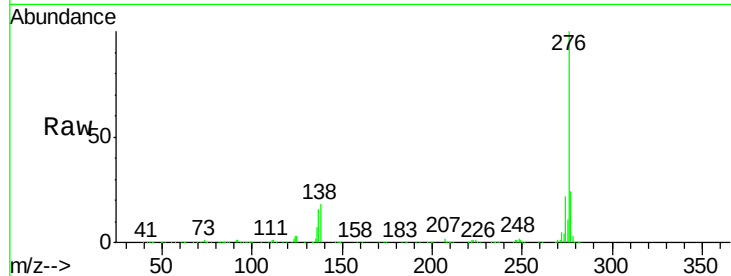
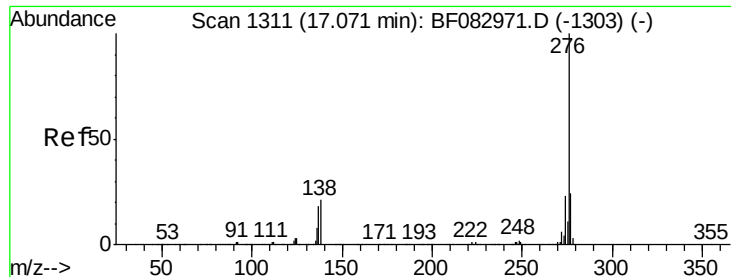


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 49.25 ng

RT: 17.04 min Scan# 1308

Delta R.T. -0.24 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 276 Resp: 830347

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 17.9 13.1 19.7

