

Data Path : Z:\HPCHEM1\BNA F\Data\BF110715\
 Data File : BF082756.D
 Acq On : 6 Nov 2015 12:29
 Operator : UM/IZ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 12:58:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 06 12:56:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	171404	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	660519	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	341225	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	645664	20.00	ng	0.00
75) Chrysene-d12	14.02	240	597967	20.00	ng	0.00
86) Perylene-d12	15.46	264	506773	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	893536	78.52	ng	0.00
7) Phenol-d6	6.49	99	1134586	75.04	ng	0.01
23) Nitrobenzene-d5	7.41	82	1204176	74.45	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	297626	79.70	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1779955	74.06	ng	0.00
78) Terphenyl-d14	12.97	244	2040420	74.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	193587	36.80	ng	98
3) Pyridine	3.15	79	570557	36.99	ng	97
4) n-Nitrosodimethylamine	3.10	42	266782	30.72	ng	91
6) Aniline	6.51	93	776470	36.89	ng	98
8) 2-Chlorophenol	6.64	128	482939	39.22	ng	87
9) Benzaldehyde	6.40	77	340860	33.02	ng	86
10) Phenol	6.50	94	696514	40.66	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	520412	41.18	ng	89
12) 1,3-Dichlorobenzene	6.86	146	520078	37.04	ng	97
13) 1,4-Dichlorobenzene	6.86	146	520078	37.35	ng	100
14) 1,2-Dichlorobenzene	7.02	146	520517	40.27	ng	95
15) Benzyl Alcohol	6.99	79	494869	35.10	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	707370	35.22	ng	95
17) 2-Methylphenol	7.12	107	415734	39.71	ng	95
18) Hexachloroethane	7.37	117	191967	35.32	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	419020	36.56	ng	88
20) 3+4-Methylphenols	7.26	107	481356	35.38	ng	# 88
22) Acetophenone	7.26	105	693301	35.65	ng	# 87
24) Nitrobenzene	7.44	77	596704	36.50	ng	90
25) Isophorone	7.68	82	1078035	36.23	ng	98
26) 2-Nitrophenol	7.76	139	283502	47.47	ng	# 68
27) 2,4-Dimethylphenol	7.80	122	444350	38.11	ng	91
28) bis(2-Chloroethoxy)methane	7.89	93	650128	39.94	ng	99
29) 2,4-Dichlorophenol	8.00	162	408063	38.40	ng	91
30) 1,2,4-Trichlorobenzene	8.09	180	468076	39.69	ng	# 95
31) Naphthalene	8.17	128	1394015	39.00	ng	98
32) Benzoic acid	7.93	122	324131	38.32	ng	98
33) 4-Chloroaniline	8.21	127	624549	40.93	ng	# 84
34) Hexachlorobutadiene	8.29	225	289378	38.58	ng	99
35) Caprolactam	8.59	113	138581	42.50	ng	# 64
36) 4-Chloro-3-methylphenol	8.69	107	479126	38.29	ng	91
37) 2-Methylnaphthalene	8.85	142	899947	38.85	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	484814	42.58	ng	97
40) Hexachlorocyclopentadiene	9.01	237	253486	35.41	ng	99

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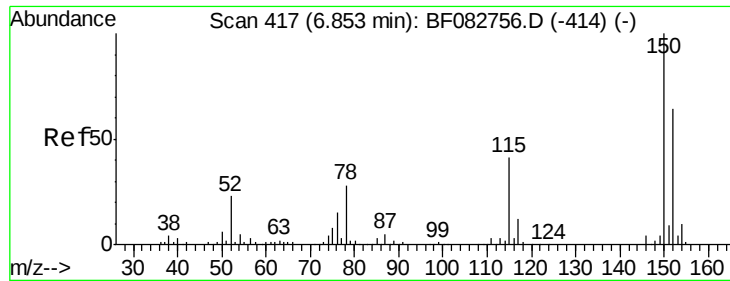
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 12:58:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 06 12:56:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.13	196	322520	39.23	nq	97
43) 2,4,5-Trichlorophenol	9.17	196	335211	40.92	nq	# 80
45) 1,1'-Biphenyl	9.32	154	1262824	43.81	nq	99
46) 2-Chloronaphthalene	9.34	162	965686	42.91	nq	99
47) 2-Nitroaniline	9.44	65	372540	42.58	nq	# 69
48) Acenaphthylene	9.76	152	1385264	38.48	nq	99
49) Dimethylphthalate	9.62	163	1014190	36.39	nq	100
50) 2,6-Dinitrotoluene	9.68	165	213302	36.93	nq	93
51) Acenaphthene	9.93	154	872899	38.20	nq	100
52) 3-Nitroaniline	9.85	138	293723	45.71	nq	# 76
53) 2,4-Dinitrophenol	9.95	184	151764	58.66	nq	# 12
54) Dibenzofuran	10.10	168	1172464	37.81	nq	95
55) 4-Nitrophenol	10.01	139	199549	41.27	nq	# 70
56) 2,4-Dinitrotoluene	10.08	165	292128	37.40	nq	# 94
57) Fluorene	10.44	166	971656	38.85	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	251436	36.32	nq	92
59) Diethylphthalate	10.32	149	1076569	37.95	nq	97
60) 4-Chlorophenyl-phenylether	10.44	204	473372	38.94	nq	92
61) 4-Nitroaniline	10.45	138	253928	41.41	nq	88
62) Azobenzene	10.59	77	1165639	36.43	nq	87
64) 4,6-Dinitro-2-methylphenol	10.49	198	179333	46.05	nq	# 65
65) n-Nitrosodiphenylamine	10.56	169	934660	42.11	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	282087	38.55	nq	# 71
67) Hexachlorobenzene	10.99	284	315487	38.89	nq	# 85
68) Atrazine	11.08	200	271872	37.44	nq	96
69) Pentachlorophenol	11.18	266	230655	43.12	nq	97
70) Phenanthrene	11.40	178	1497929	41.13	nq	99
71) Anthracene	11.45	178	1460992	39.85	nq	99
72) Carbazole	11.61	167	1407815	44.08	nq	98
73) Di-n-butylphthalate	11.95	149	1685096	41.45	nq	# 96
74) Fluoranthene	12.59	202	1628604	43.75	nq	95
76) Benzidine	12.70	184	842413	31.24	nq	99
77) Pyrene	12.82	202	1583763	35.77	nq	98
79) Butylbenzylphthalate	13.44	149	681896	35.16	nq	99
80) Benzo(a)anthracene	14.01	228	1412696	37.19	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	530312	40.52	nq	# 95
82) Chrysene	14.04	228	1260229	36.60	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	942800	37.50	nq	99
84) Di-n-octyl phthalate	14.64	149	1634826	41.69	nq	97
85) Indeno(1,2,3-cd)pyrene	16.85	276	1118195	39.36	nq	99
87) Benzo(b)fluoranthene	15.08	252	2399142	68.66	nq	99
88) Benzo(k)fluoranthene	15.08	252	2399776	90.14	nq	# 98
89) Benzo(a)pyrene	15.40	252	1100931	40.00	nq	98
90) Dibenzo(a,h)anthracene	16.88	278	936481	36.47	nq	# 97
91) Benzo(g,h,i)perylene	17.28	276	874518	35.14	nq	98

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

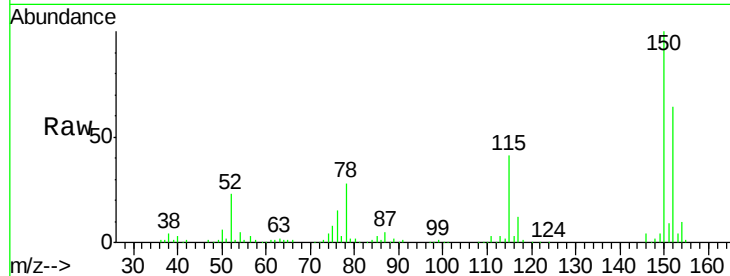


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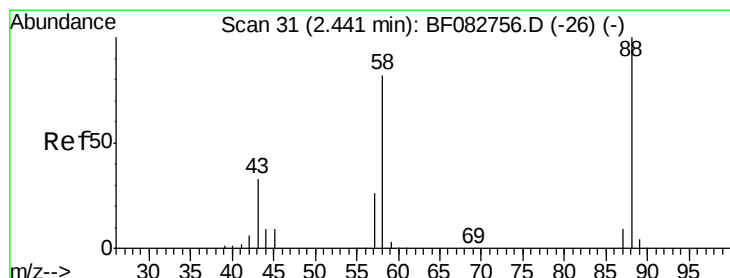
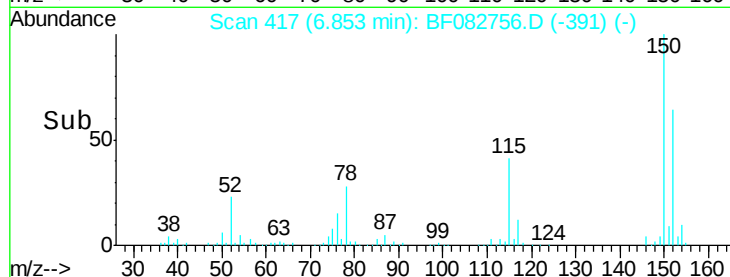
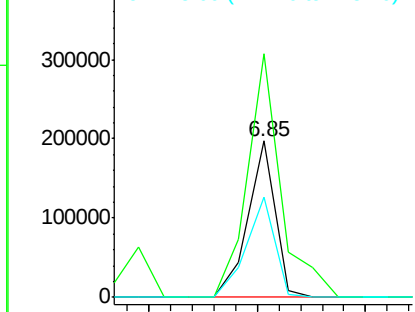
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 171404
Ion Ratio Lower Upper
152 100
150 155.8 127.0 190.4
115 64.6 47.0 70.6



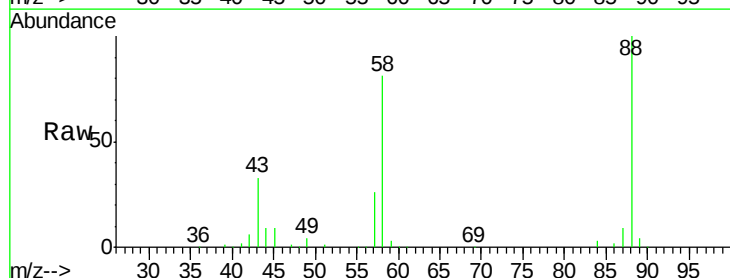
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



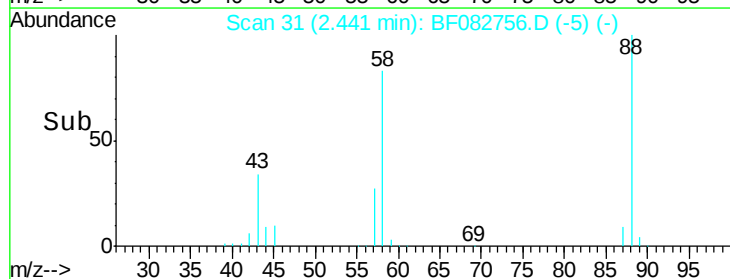
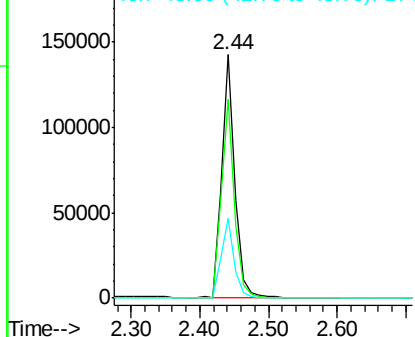
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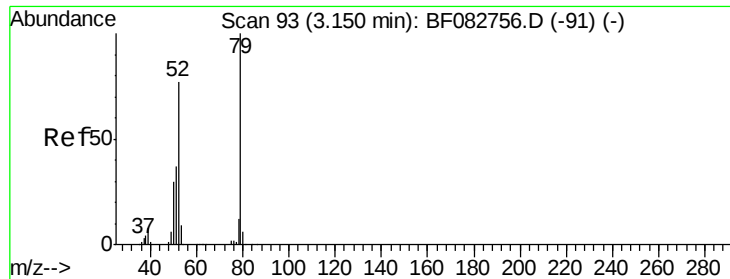
1,4-Dioxane
Concen: 36.80 ng
RT: 2.44 min Scan# 31
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion: 88 Resp: 193587
Ion Ratio Lower Upper
88 100
58 79.6 62.0 93.0
43 32.2 26.6 40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.99 ng

RT: 3.15 min Scan# 93

Delta R.T. -0.01 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampleId :

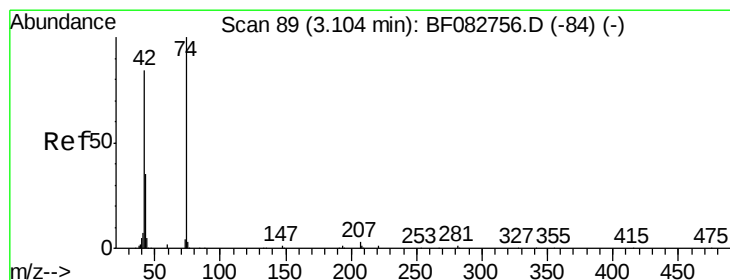
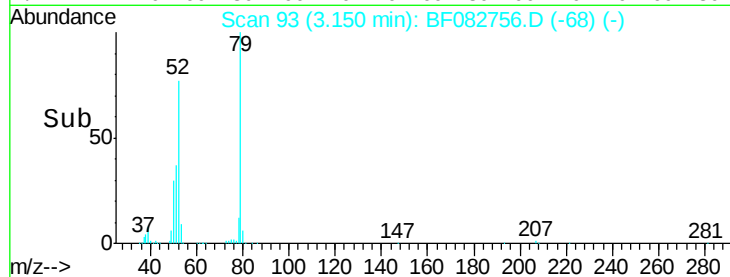
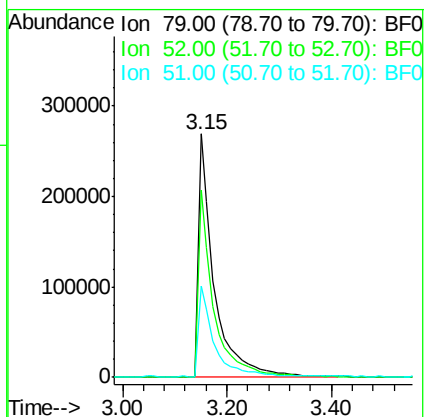
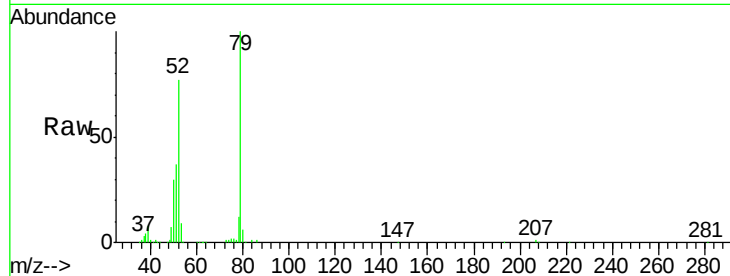
Tot Ion: 79 Resp: 570557

Ion Ratio Lower Upper

79 100

52 77.1 62.8 94.2

51 37.3 32.0 48.0



#4

n-Nitrosodimethylamine

Concen: 30.72 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.01 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

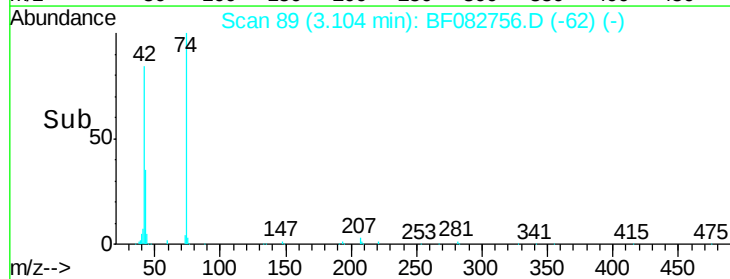
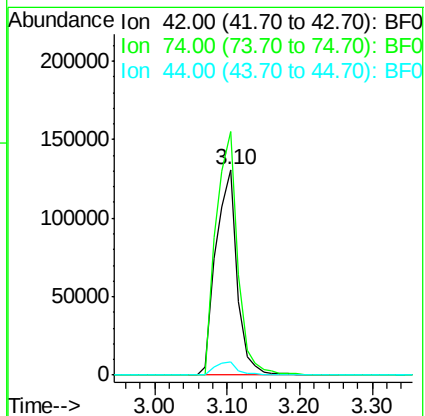
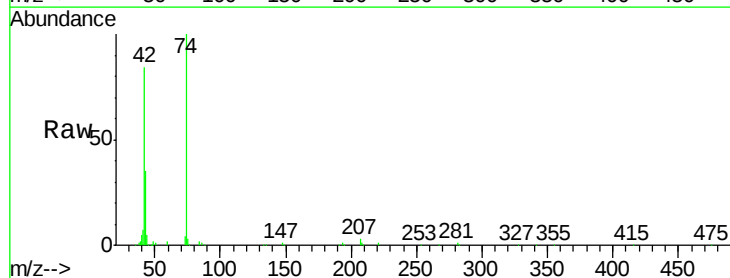
Tgt Ion: 42 Resp: 266782

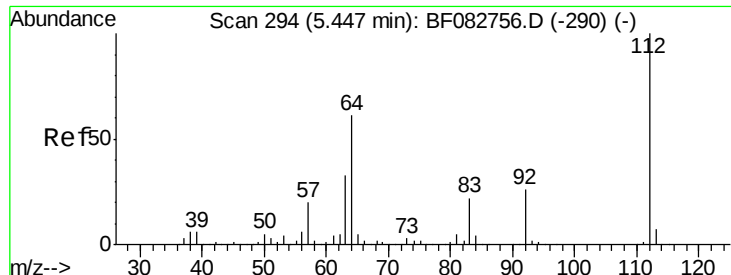
Ion Ratio Lower Upper

42 100

74 118.5 87.0 130.4

44 6.1 5.8 8.8





#5

2-Fluorophenol

Concen: 78.52 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampleId :

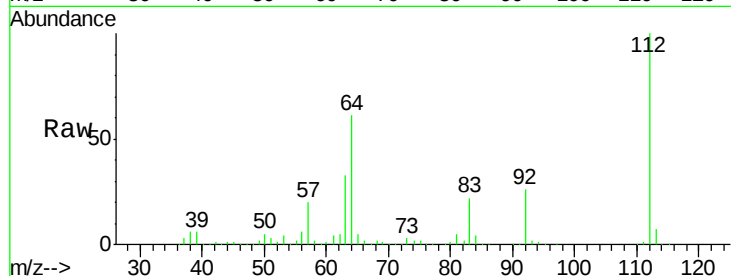
Tot Ion:112 Resp: 893536

Ion Ratio Lower Upper

112 100

64 60.7 48.9 73.3

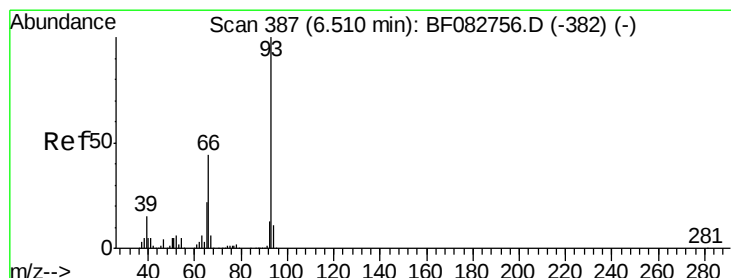
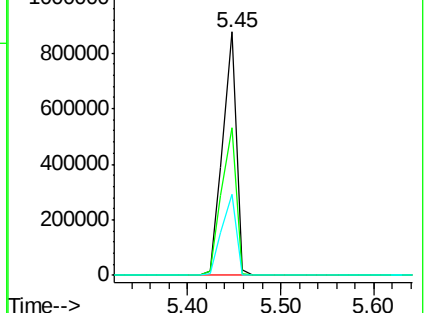
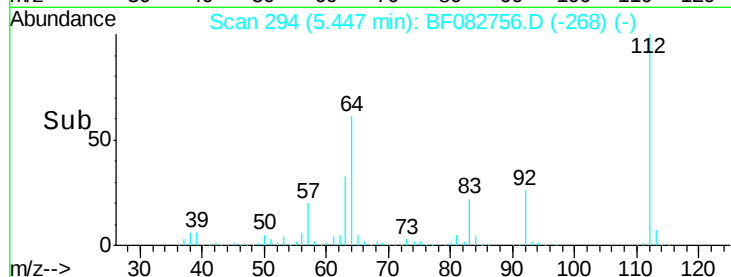
63 33.3 28.1 42.1



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: 36.89 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

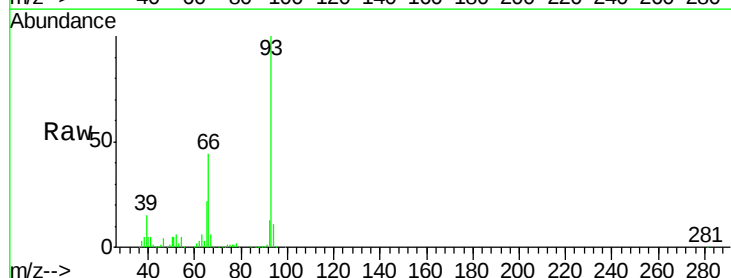
Tgt Ion: 93 Resp: 776470

Ion Ratio Lower Upper

93 100

66 43.7 33.6 50.4

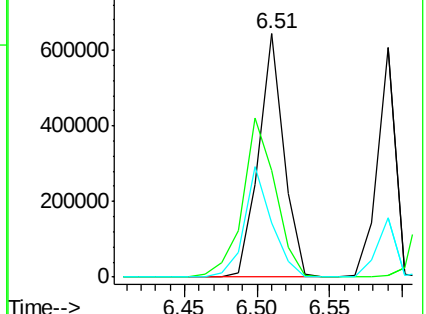
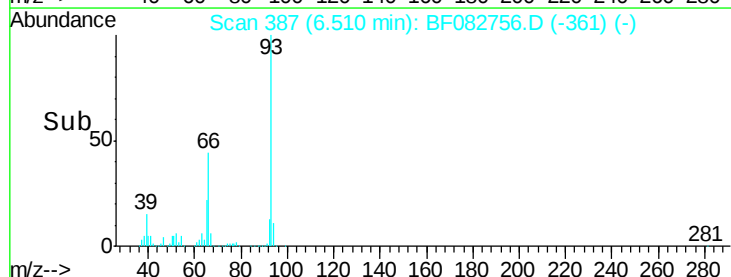
65 22.3 18.1 27.1



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: 75.04 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

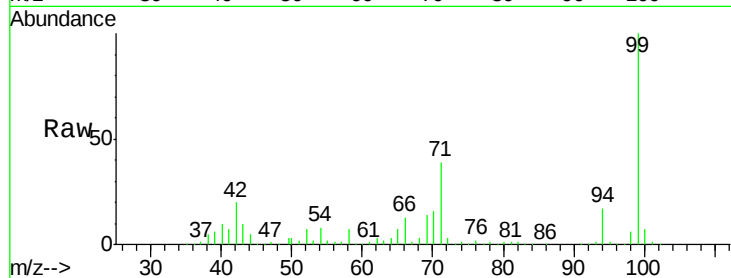
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1134586

Ion	Ratio	Lower	Upper
99	100		
42	19.7	19.2	28.8
71	38.9	35.0	52.4

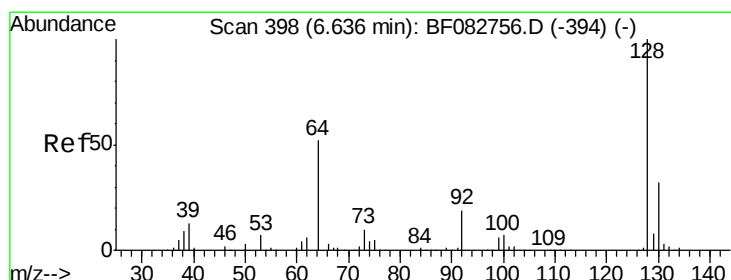
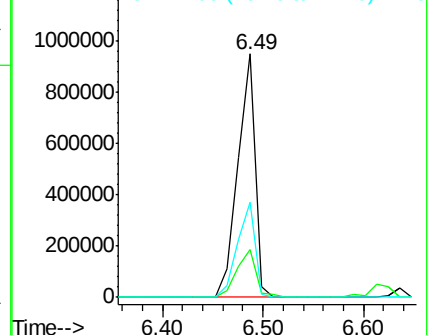
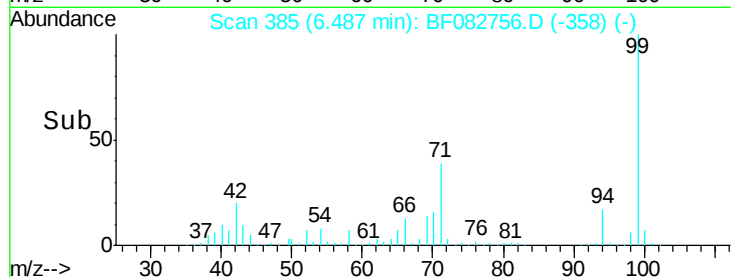


Abundance

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: 39.22 ng

RT: 6.64 min Scan# 398

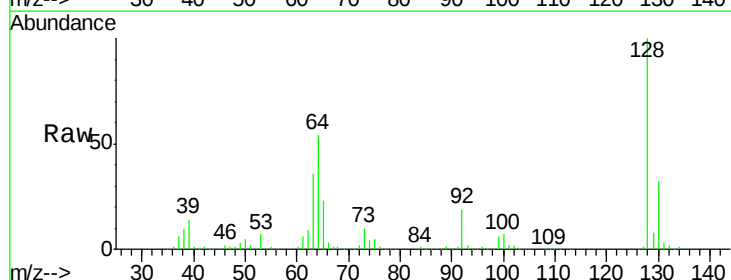
Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Tgt Ion: 128 Resp: 482939

Ion	Ratio	Lower	Upper
128	100		
130	31.9	13.5	53.5
64	54.5	21.1	61.1

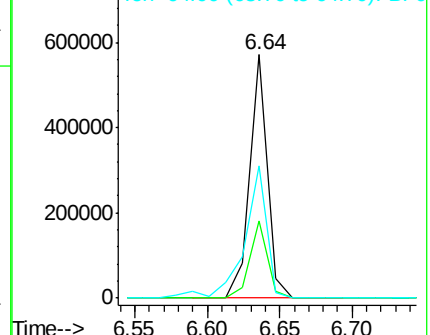
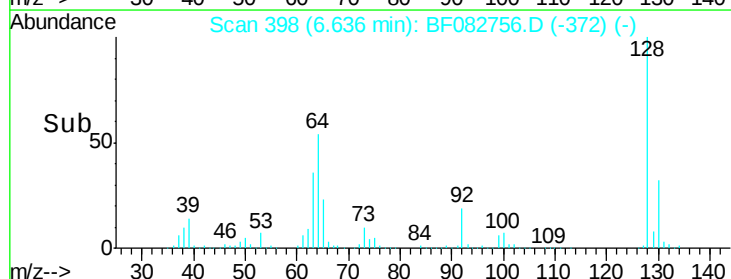


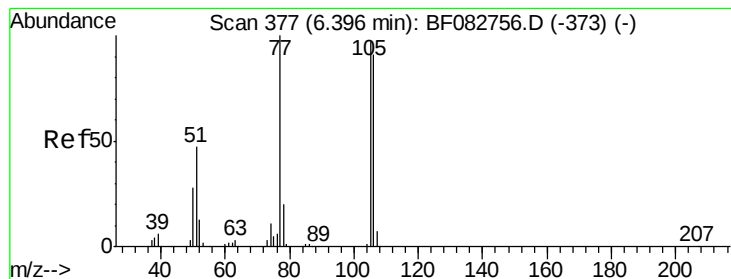
Abundance

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: 33.02 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampleId :

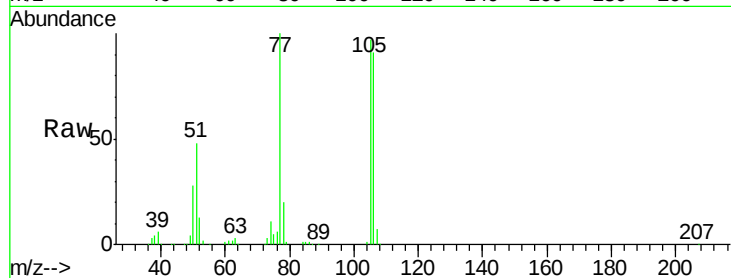
Tot Ion: 77 Resp: 340860

Ion Ratio Lower Upper

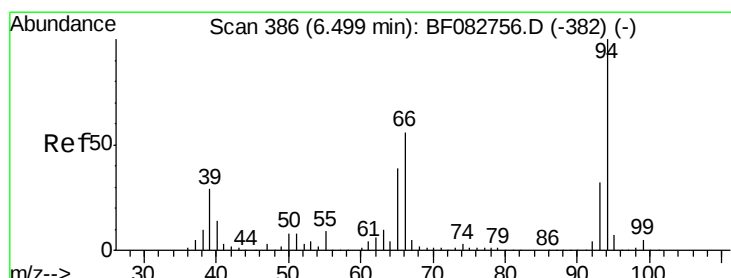
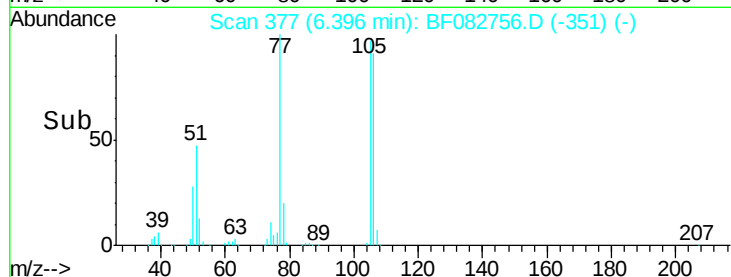
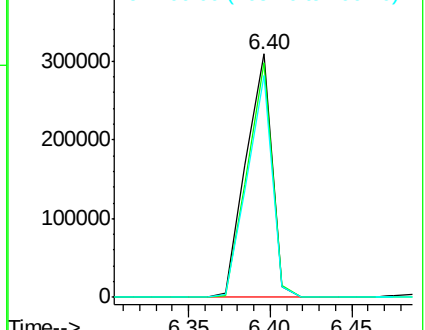
77 100

105 96.6 63.5 103.5

106 91.4 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: 40.66 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

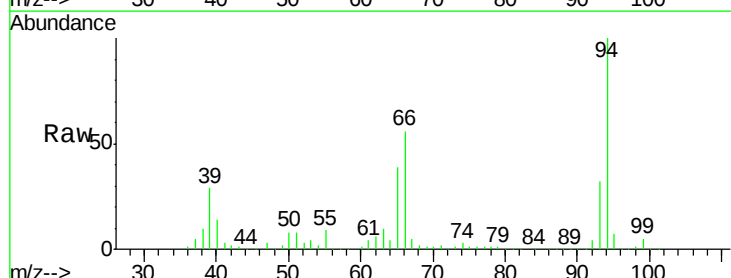
Tgt Ion: 94 Resp: 696514

Ion Ratio Lower Upper

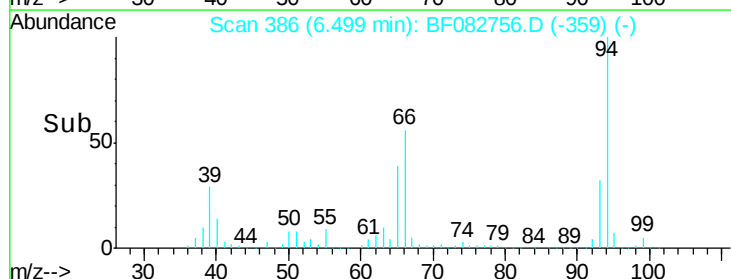
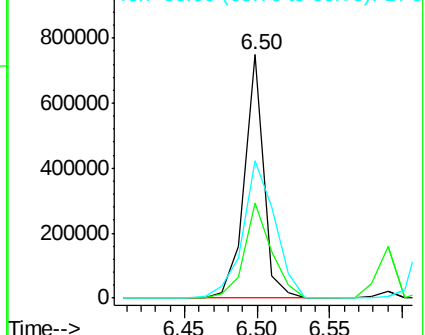
94 100

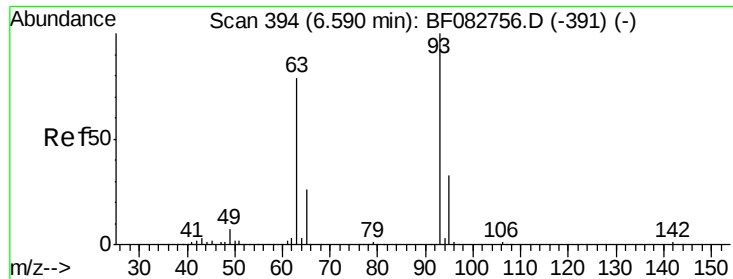
65 38.9 18.9 58.9

66 56.4 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

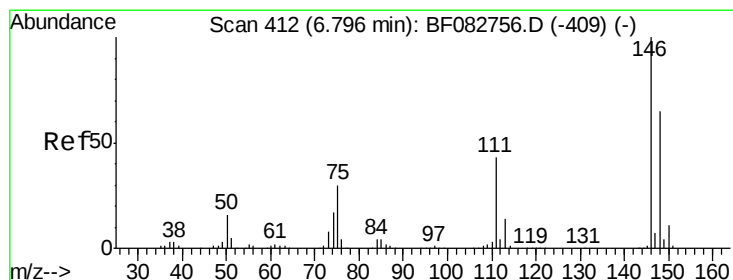
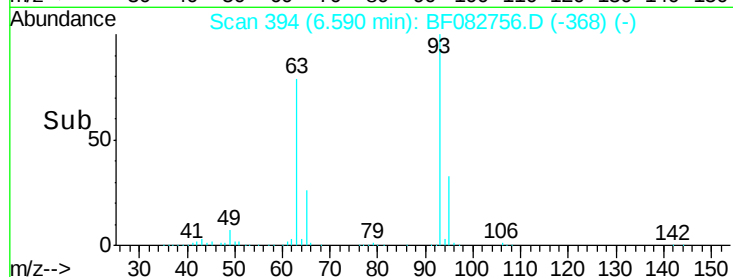
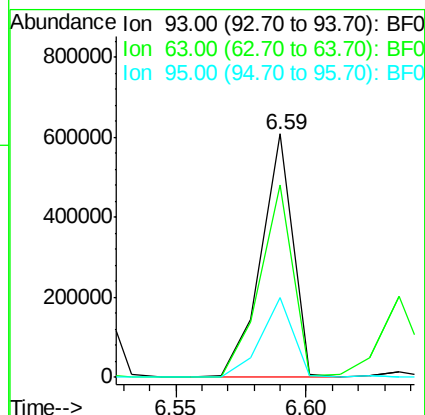
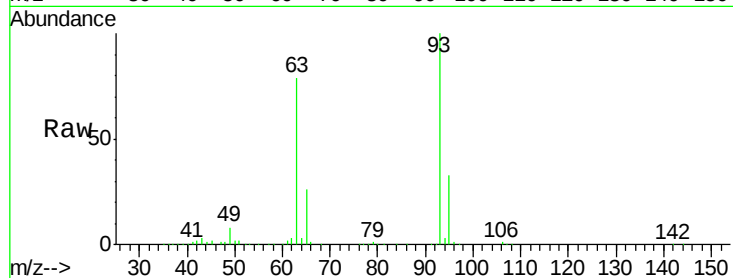




#11
bis(2-Chloroethyl)ether
Concen: 41.18 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

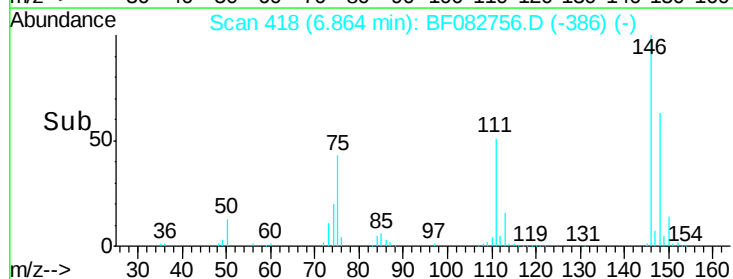
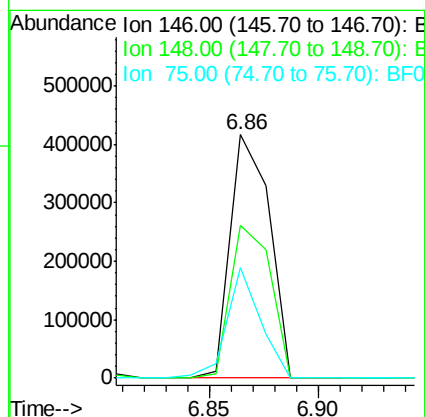
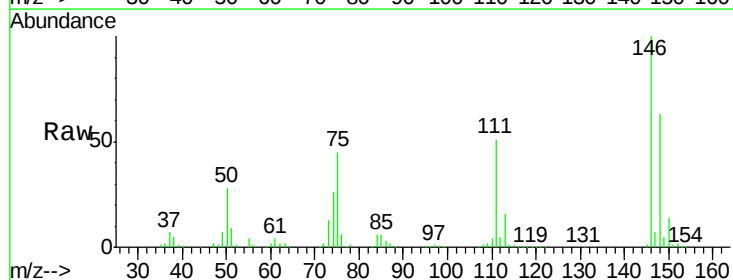
Instrument :
BNA_F
ClientSampleId :

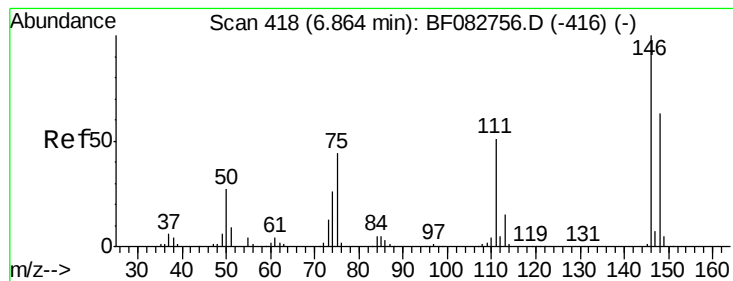
Tot Ion: 93 Resp: 520412
Ion Ratio Lower Upper
93 100
63 78.9 72.7 112.7
95 32.7 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 37.04 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.07 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion: 146 Resp: 520078
Ion Ratio Lower Upper
146 100
148 63.0 50.5 75.7
75 45.4 39.5 59.3





#13

1,4-Dichlorobenzene

Concen: 37.35 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampleId :

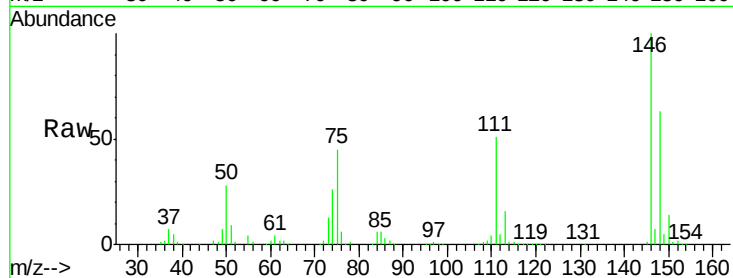
Tot Ion:146 Resp: 520078

Ion Ratio Lower Upper

146 100

148 63.0 50.8 76.2

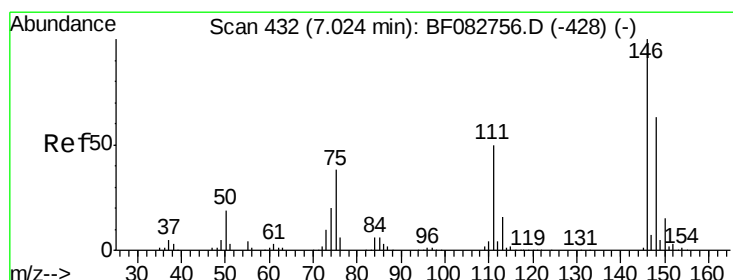
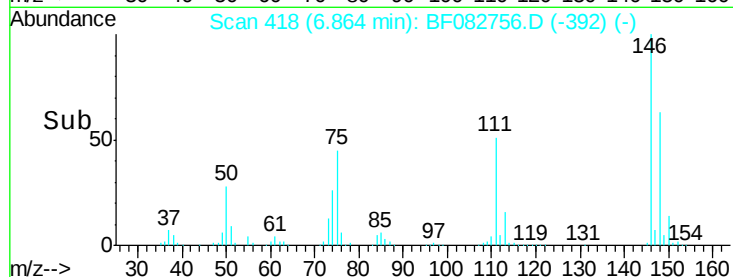
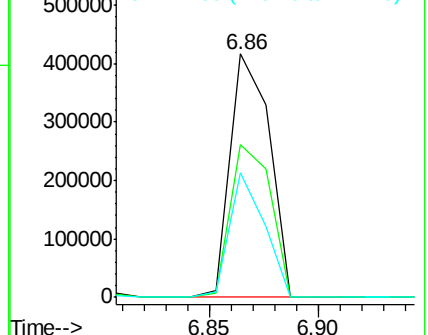
111 50.9 40.6 60.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.27 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

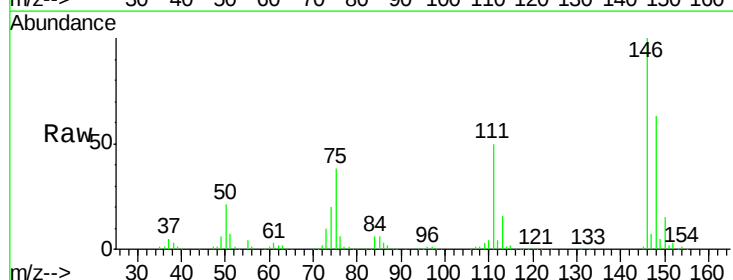
Tgt Ion:146 Resp: 520517

Ion Ratio Lower Upper

146 100

148 62.7 52.2 78.4

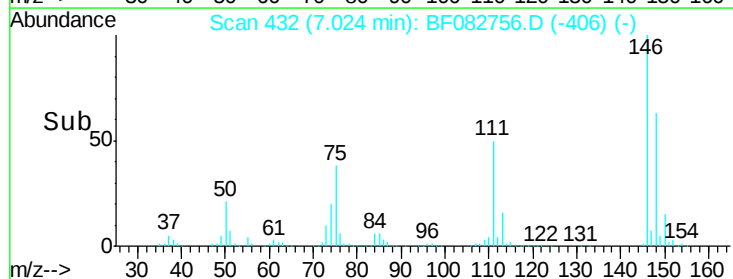
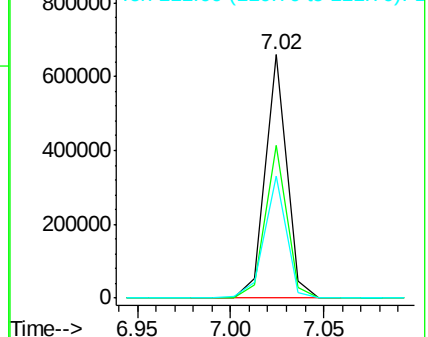
111 50.0 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.10 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampleID :

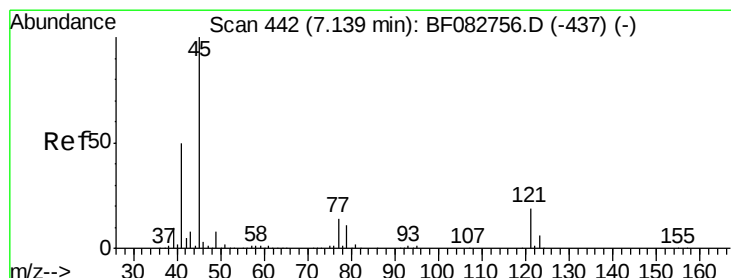
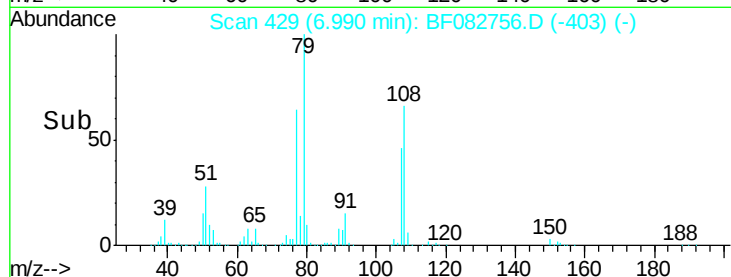
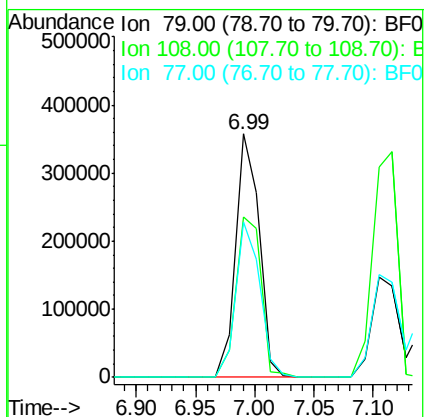
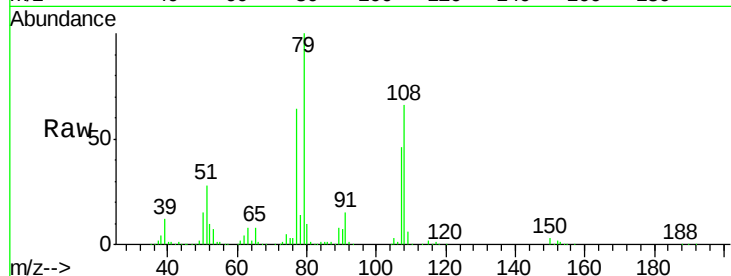
Tot Ion: 79 Resp: 494869

Ion Ratio Lower Upper

79 100

108 65.8 52.2 78.4

77 63.8 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.22 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

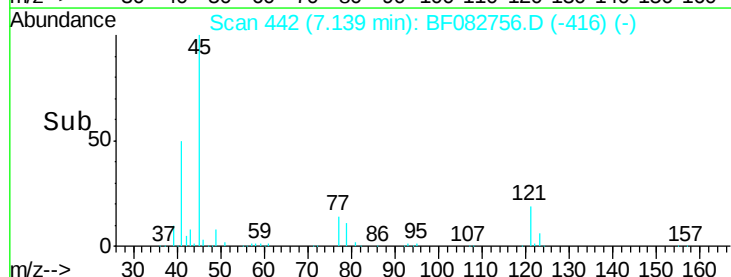
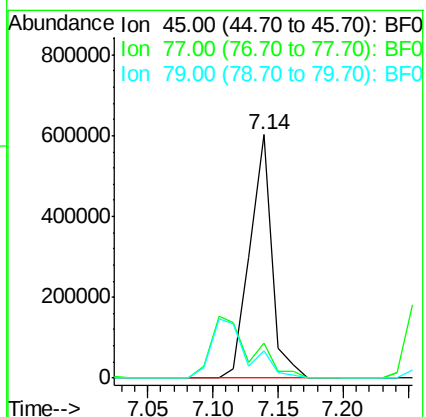
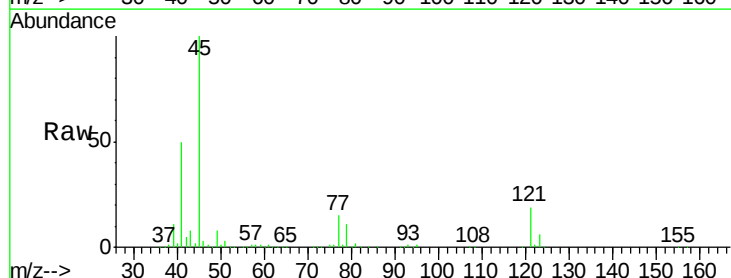
Tgt Ion: 45 Resp: 707370

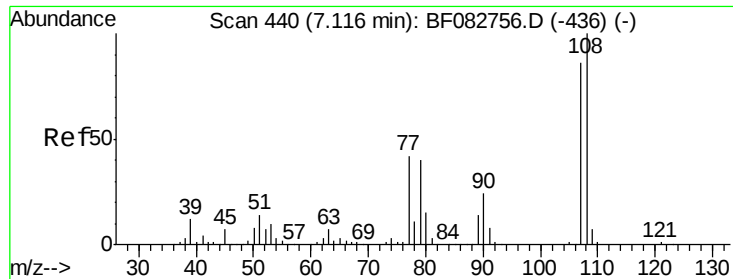
Ion Ratio Lower Upper

45 100

77 14.6 0.0 32.6

79 11.1 0.0 29.2

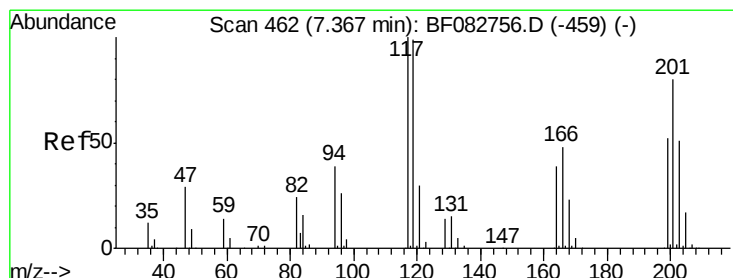
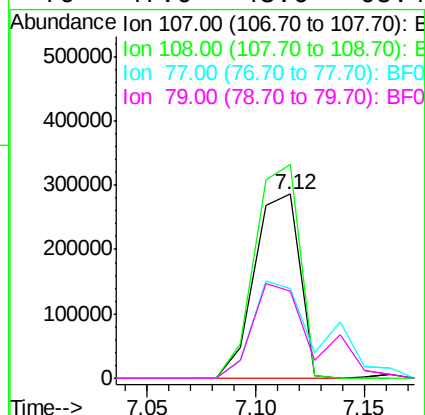
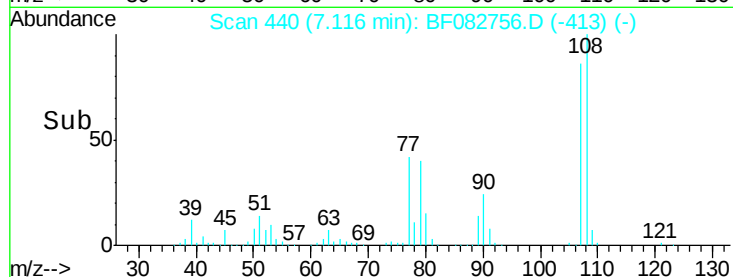
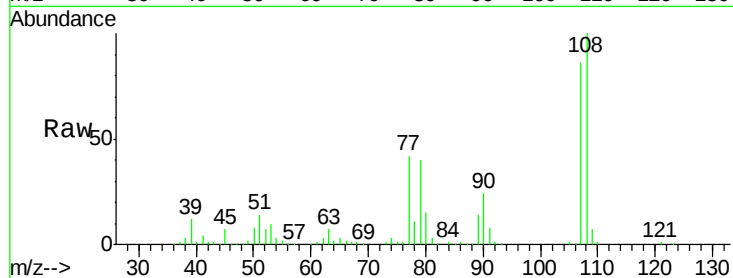




#17
2-Methylphenol
Concen: 39.71 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

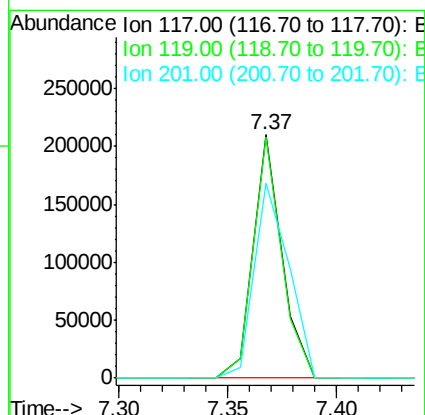
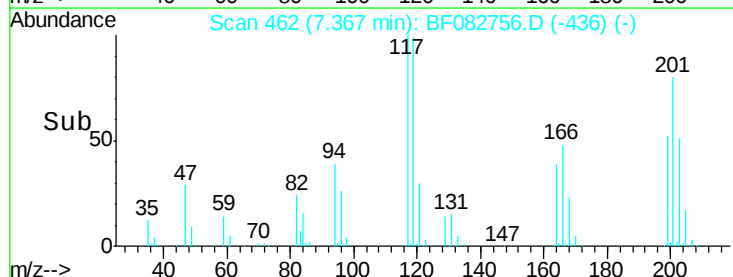
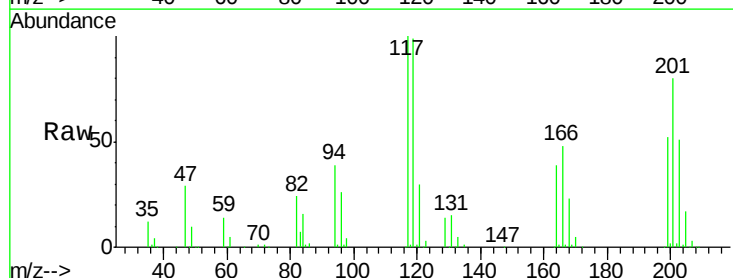
Instrument :
BNA_F
ClientSampled :

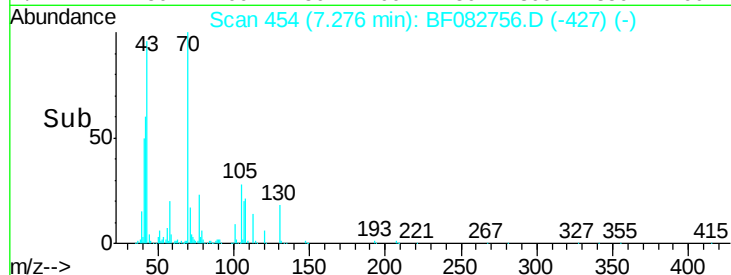
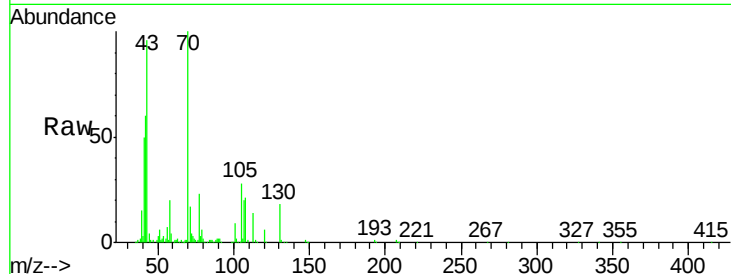
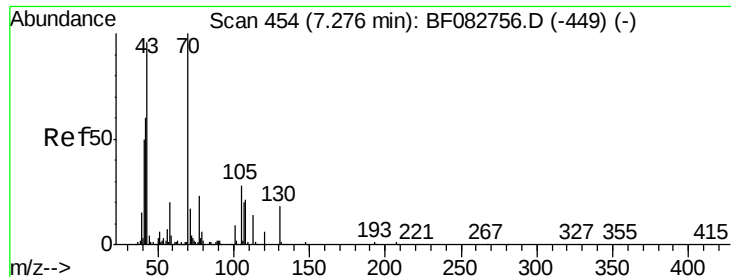
Tot Ion:107 Resp: 415734
Ion Ratio Lower Upper
107 100
108 116.0 93.0 139.4
77 48.5 44.1 66.1
79 47.0 43.6 65.4



#18
Hexachloroethane
Concen: 35.32 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion:117 Resp: 191967
Ion Ratio Lower Upper
117 100
119 98.8 77.7 116.5
201 80.3 66.7 100.1

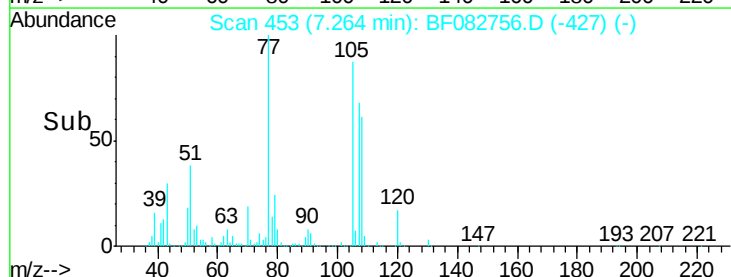
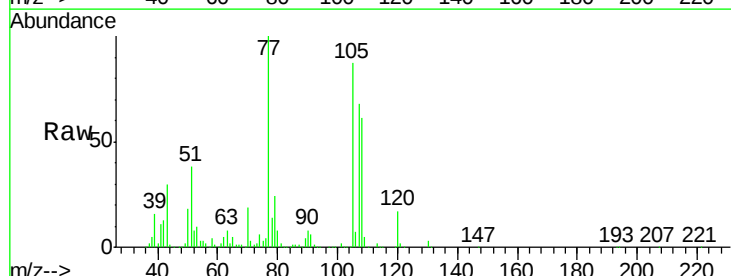
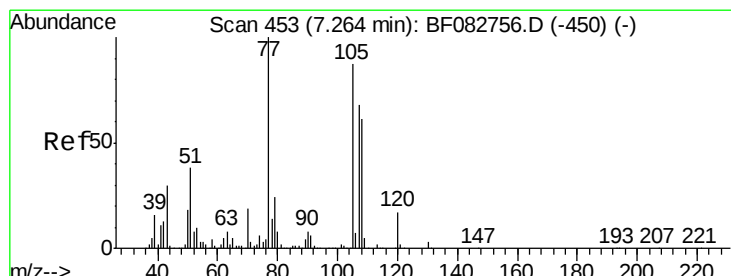
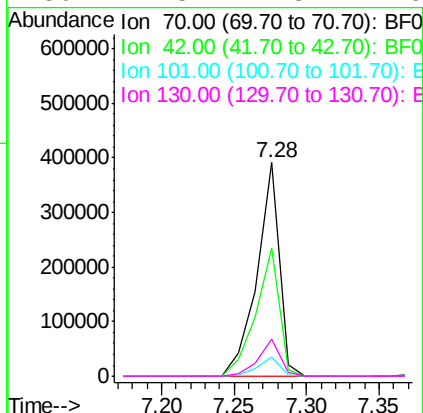




#19
n-Nitroso-di-n-propylamine
Concen: 36.56 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

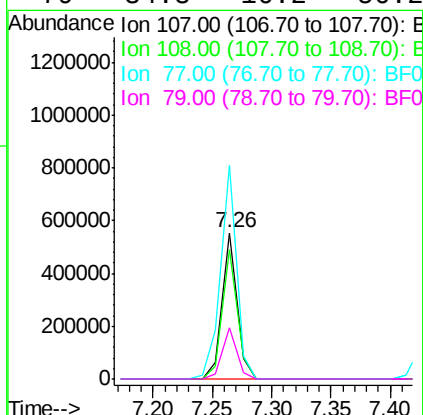
Instrument :
BNA_F
ClientSampleId :

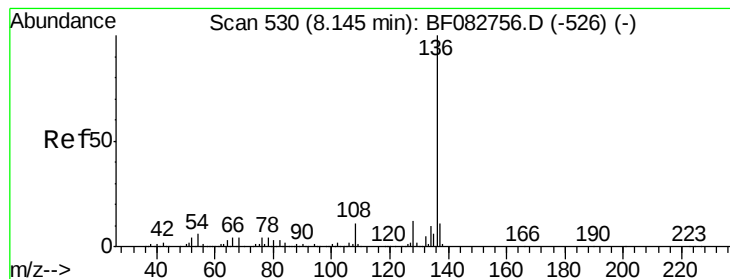
Tot Ion:	70	Resp:	419020
Ion	Ratio	Lower	Upper
70	100		
42	60.1	57.7	86.5
101	9.1	7.0	10.6
130	17.5	11.8	17.6



#20
3+4-Methylphenols
Concen: 35.38 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion:	107	Resp:	481356
Ion	Ratio	Lower	Upper
107	100		
108	88.8	67.3	107.3
77	146.3	100.3	140.3#
79	34.8	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 660519

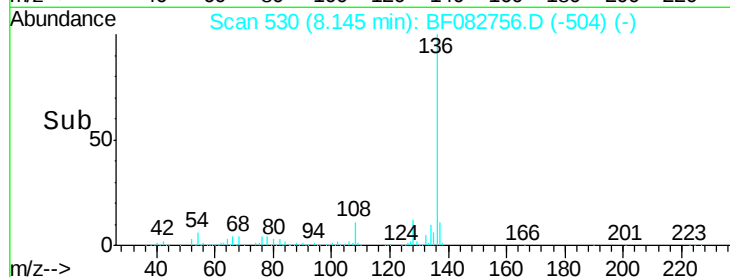
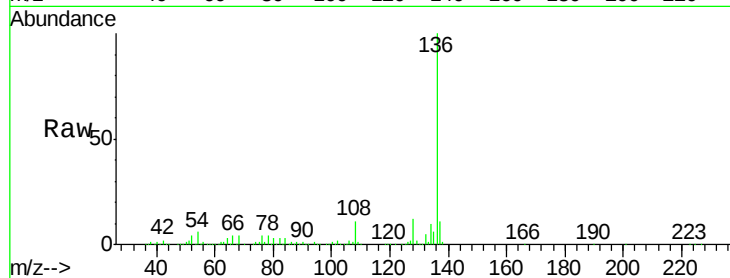
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.2 9.1 13.7#

68 4.2 4.8 7.2#

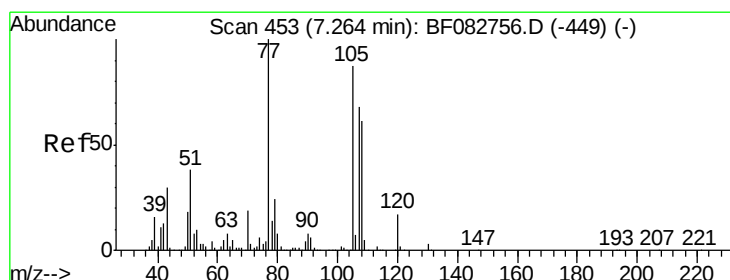
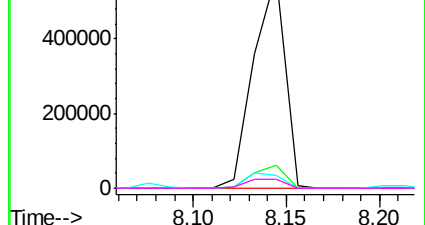


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.65 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Tgt Ion:105 Resp: 693301

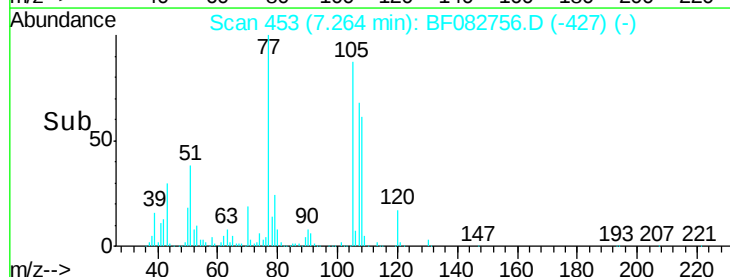
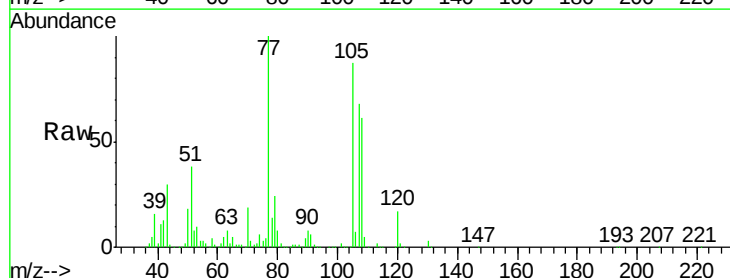
Ion Ratio Lower Upper

105 100

71 3.5 5.6 8.4#

51 43.3 24.9 37.3#

120 19.7 15.8 23.8

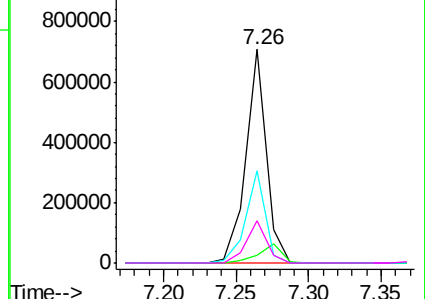


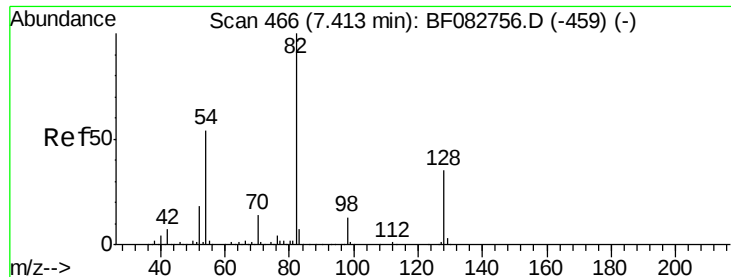
Abundance Ion 105.00 (104.70 to 105.70): E

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

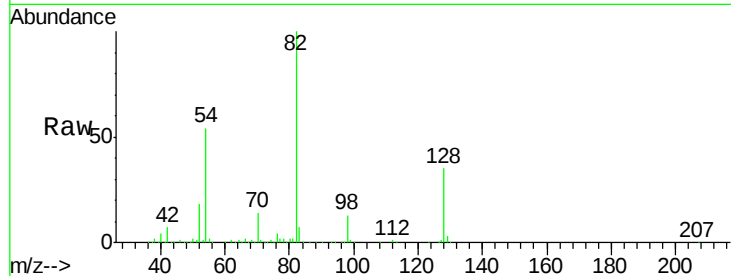




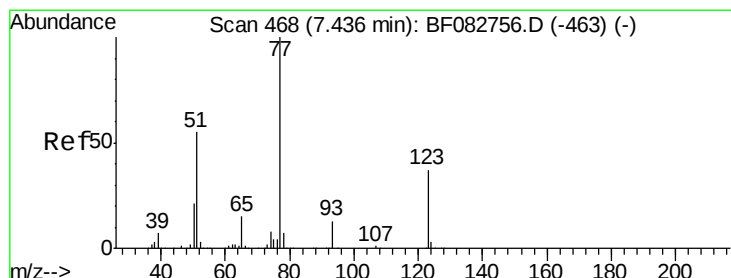
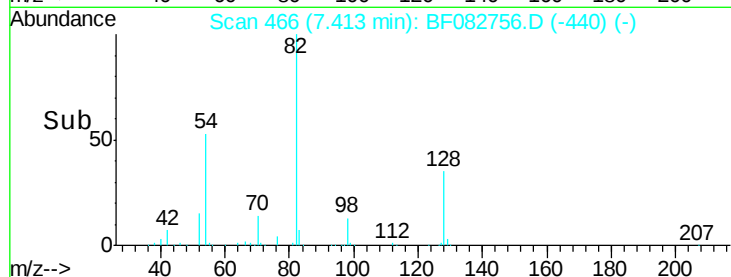
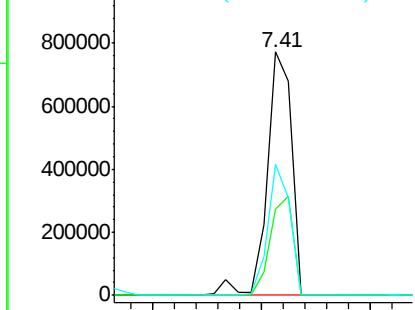
#23
 Nitrobenzene-d5
 Concen: 74.45 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1204176
 Ion Ratio Lower Upper
 82 100
 128 35.3 26.8 40.2
 54 53.7 45.7 68.5

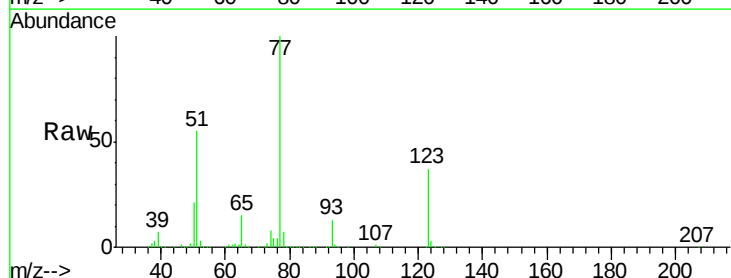


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

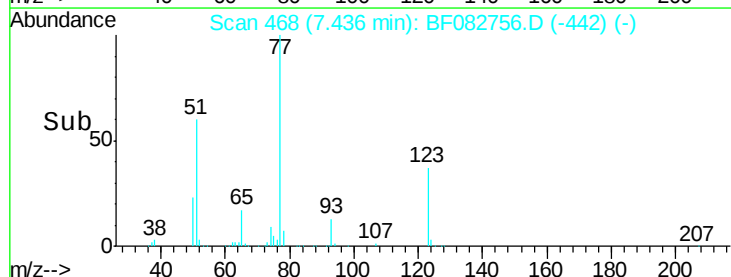
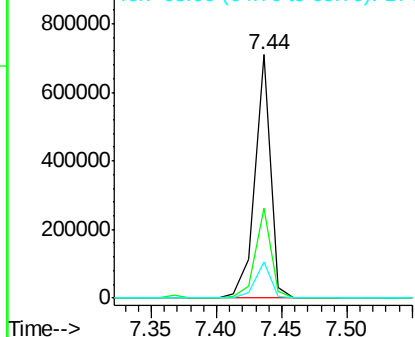


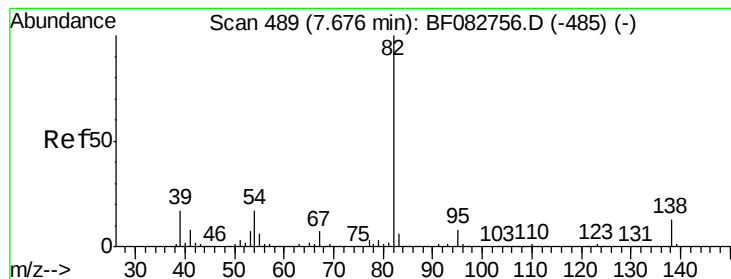
#24
 Nitrobenzene
 Concen: 36.50 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion: 77 Resp: 596704
 Ion Ratio Lower Upper
 77 100
 123 37.1 36.4 54.6
 65 15.0 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: 36.23 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampled :

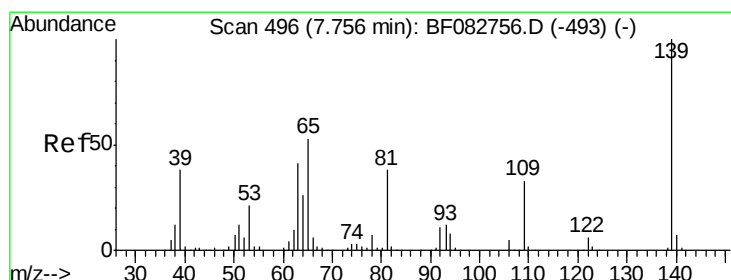
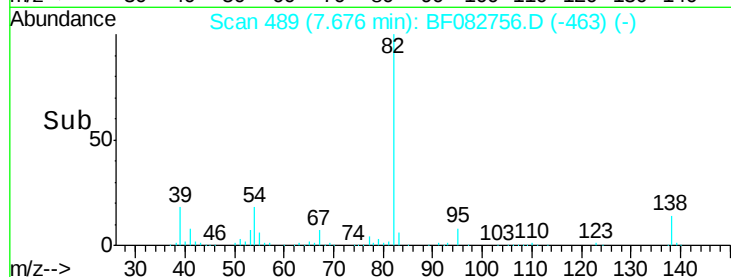
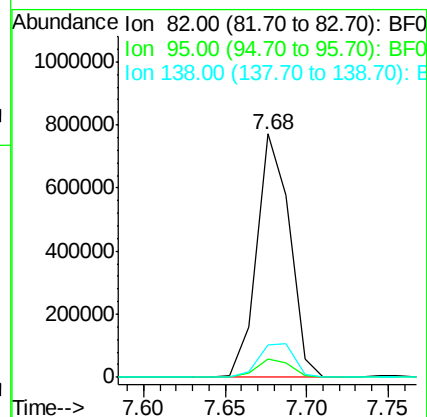
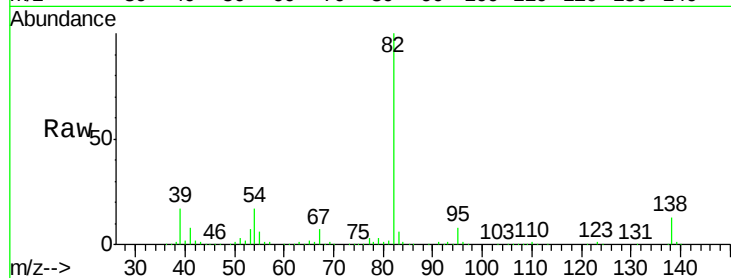
Tot Ion: 82 Resp: 1078035

Ion Ratio Lower Upper

82 100

95 7.5 6.6 9.8

138 13.5 11.4 17.0



#26

2-Nitrophenol

Concen: 47.47 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

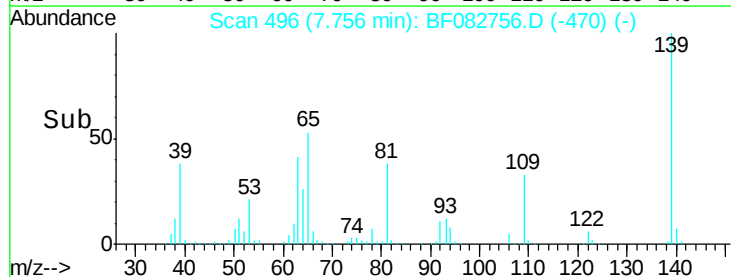
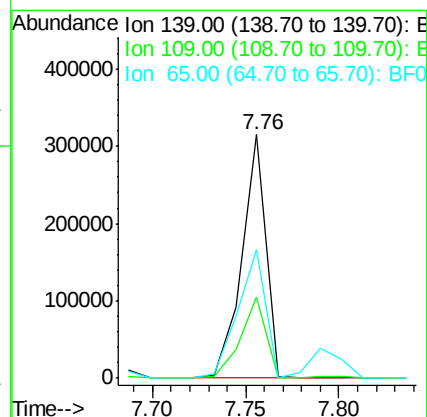
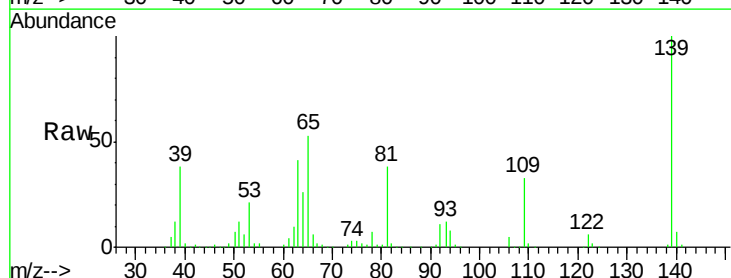
Tgt Ion: 139 Resp: 283502

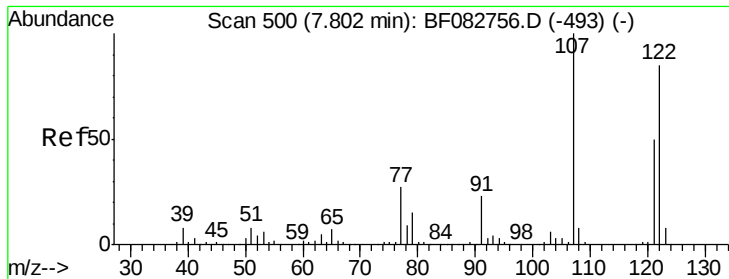
Ion Ratio Lower Upper

139 100

109 33.0 37.6 56.4#

65 53.0 70.6 105.8#

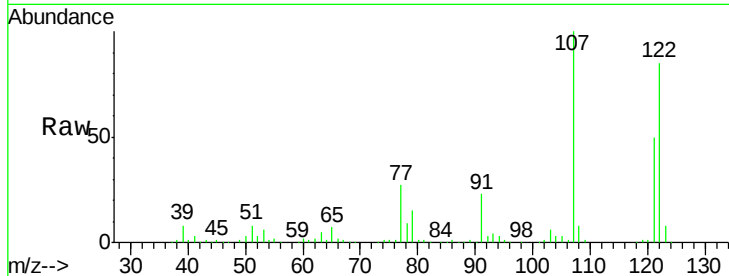




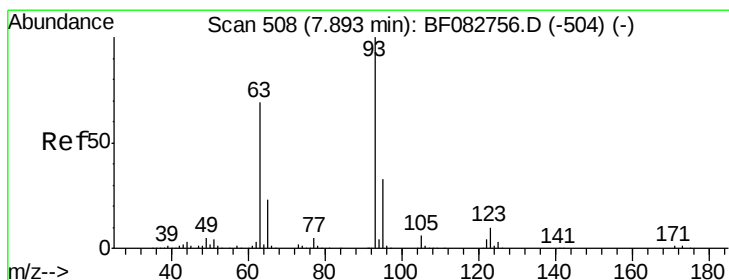
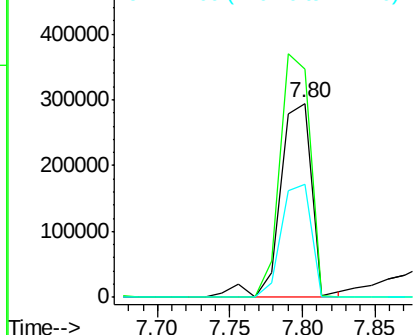
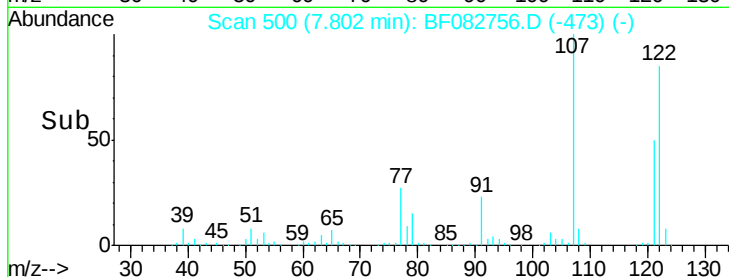
#27
 2,4-Dimethylphenol
 Concen: 38.11 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.01 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 444350
 Ion Ratio Lower Upper
 122 100
 107 117.7 106.0 159.0
 121 58.5 46.7 70.1

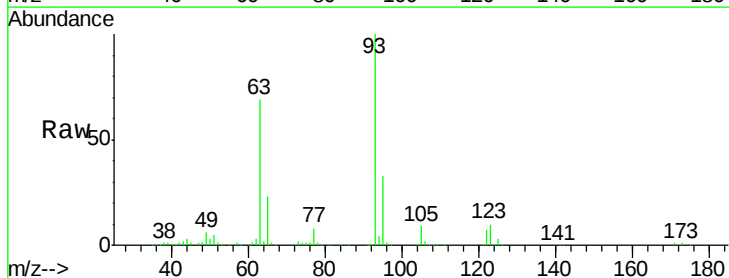


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

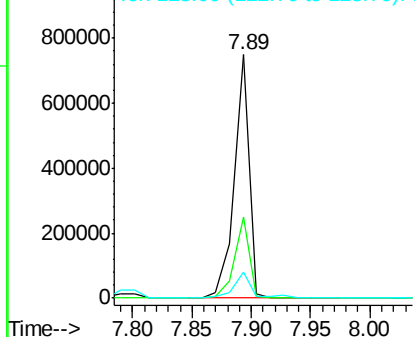
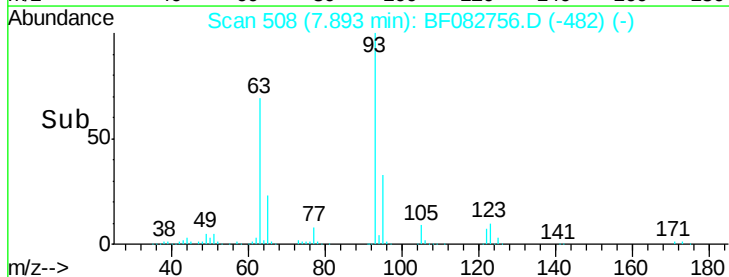


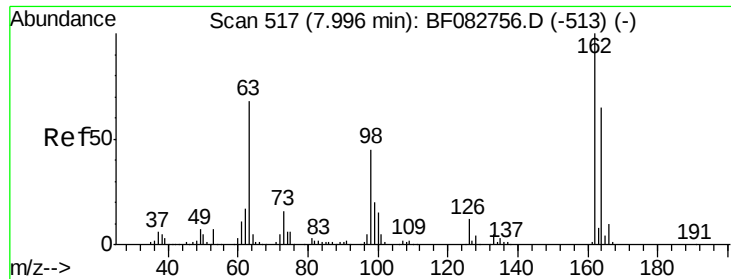
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.94 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion: 93 Resp: 650128
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.6 40.0
 123 10.4 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

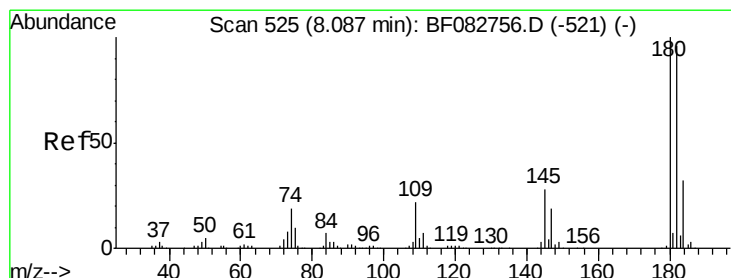
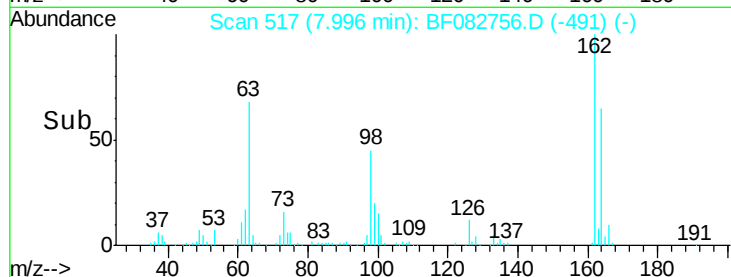
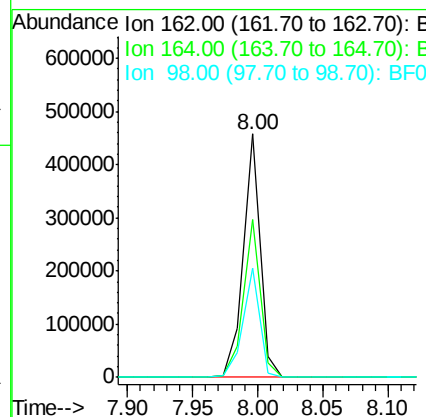
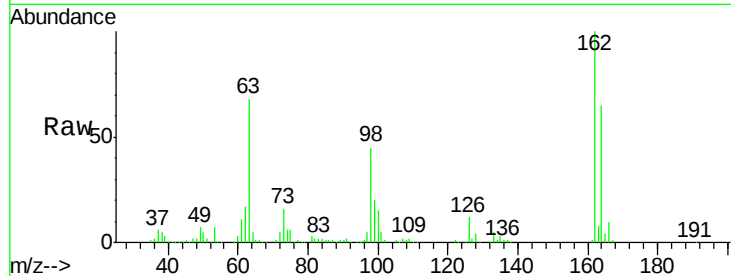




#29
 2,4-Dichlorophenol
 Concen: 38.40 ng
 RT: 8.00 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

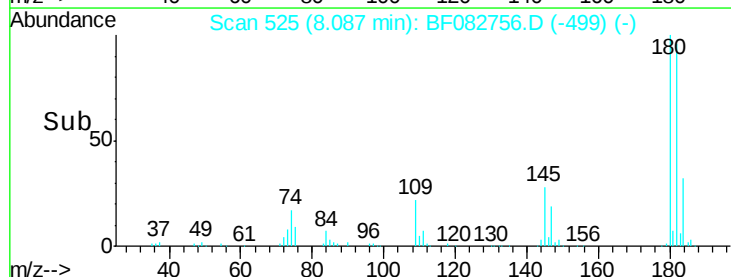
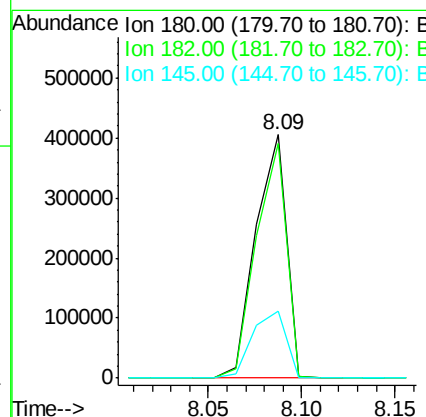
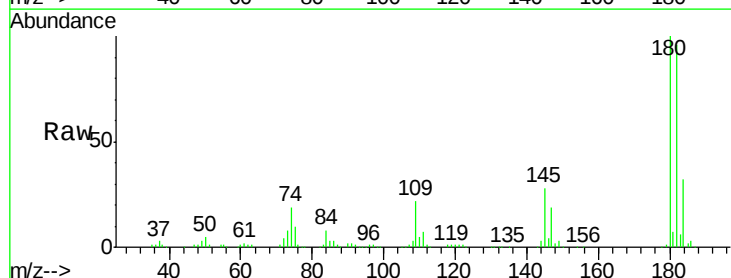
Instrument :
 BNA_F
 ClientSampleId :

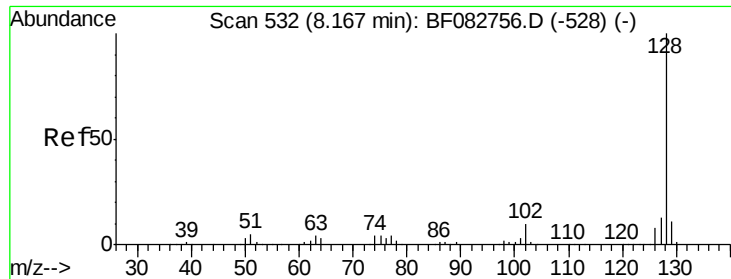
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	46.8	86.8
98	45.1	12.5	52.5



#30
 1,2,4-Trichlorobenzene
 Concen: 39.69 ng
 RT: 8.09 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	74.9	112.3
145	27.7	27.8	41.8#

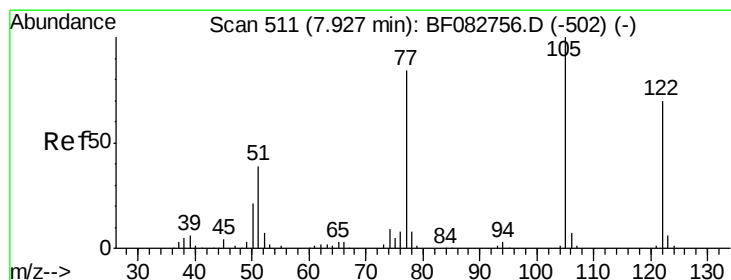
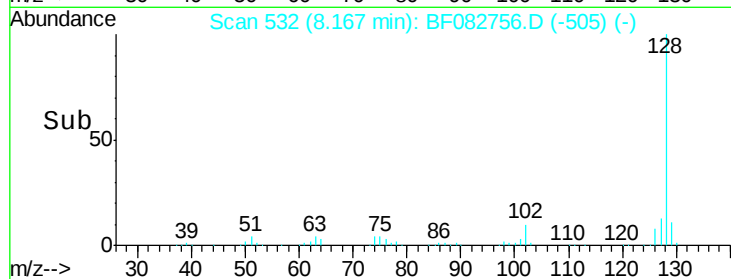
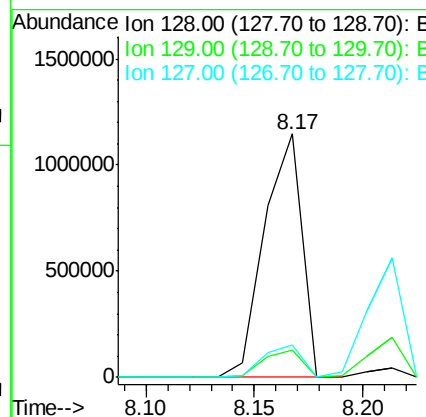
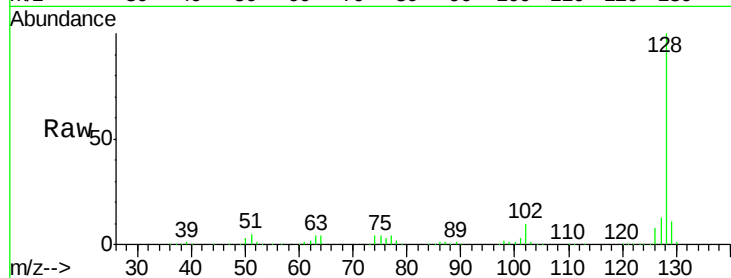




#31
Naphthalene
Concen: 39.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

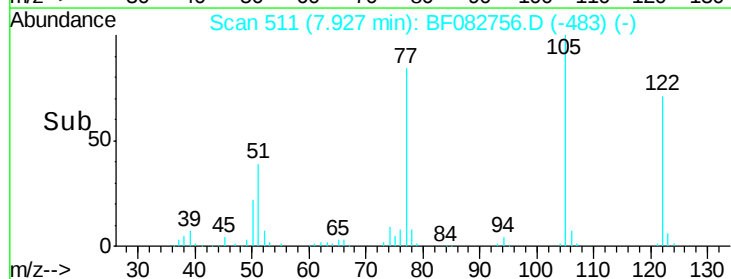
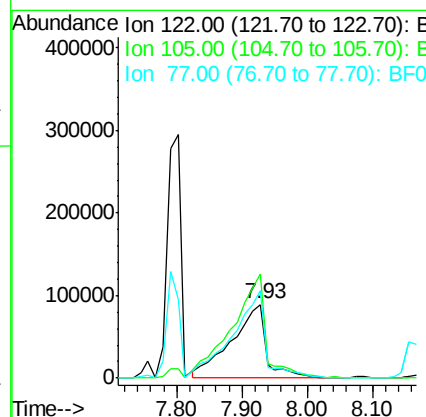
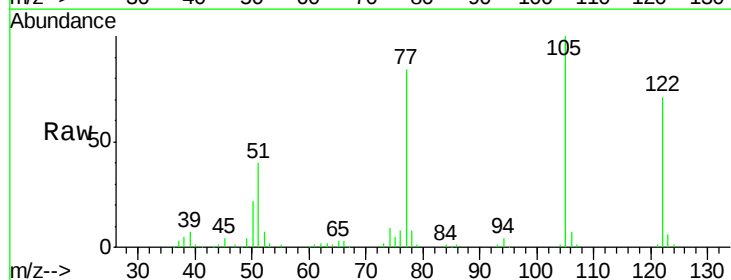
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1394015
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.2 11.4 17.0



#32
Benzoic acid
Concen: 38.32 ng
RT: 7.93 min Scan# 511
Delta R.T. 0.02 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion:122 Resp: 324131
Ion Ratio Lower Upper
122 100
105 141.1 122.6 162.6
77 118.4 100.9 140.9

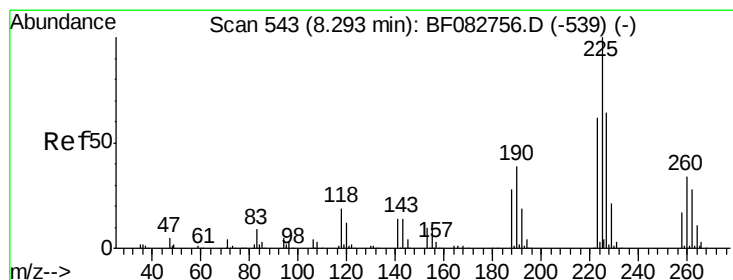
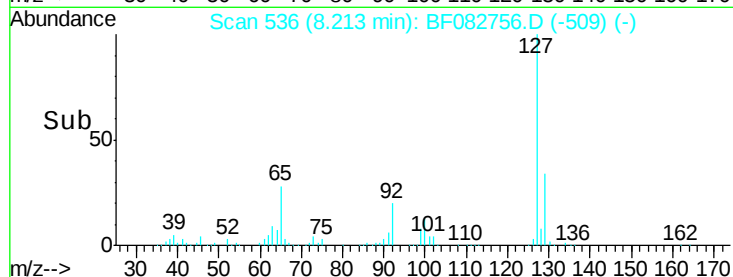
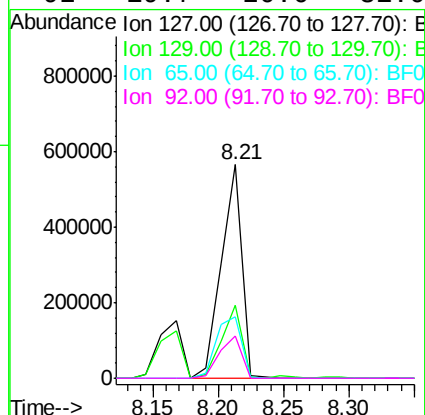
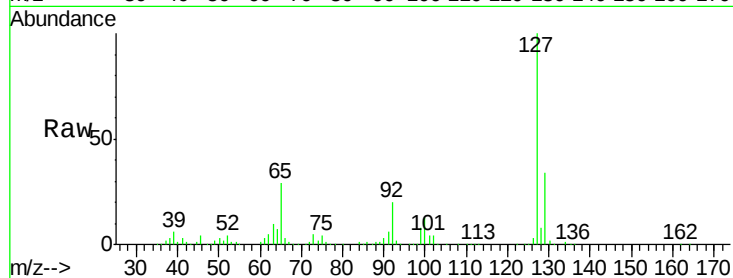




#33
4-Chloroaniline
Concen: 40.93 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

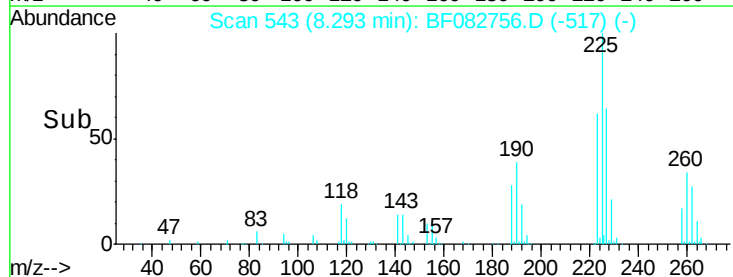
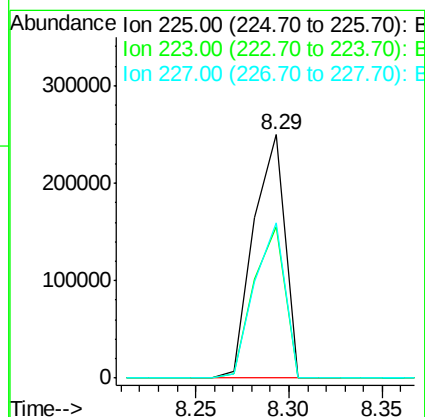
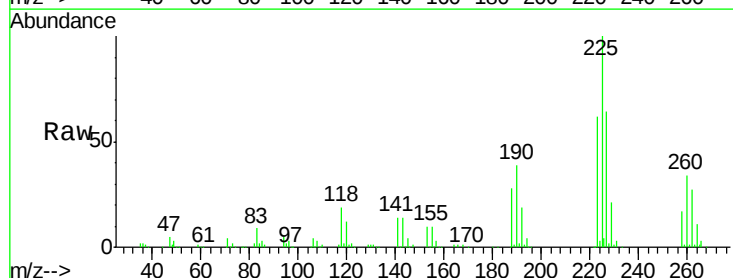
Instrument :
BNA_F
ClientSampleId :

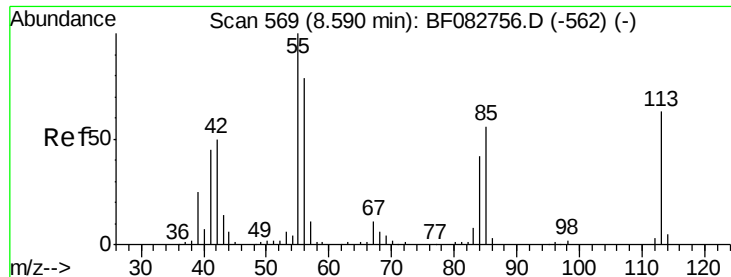
Tot Ion:	127	Resp:	624549
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.3	39.5
65	29.0	37.8	56.8#
92	19.7	20.6	31.0#



#34
Hexachlorobutadiene
Concen: 38.58 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion:	225	Resp:	289378
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.5	75.7
227	63.9	50.2	75.2

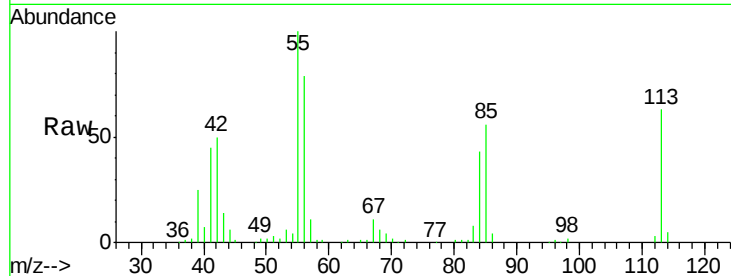




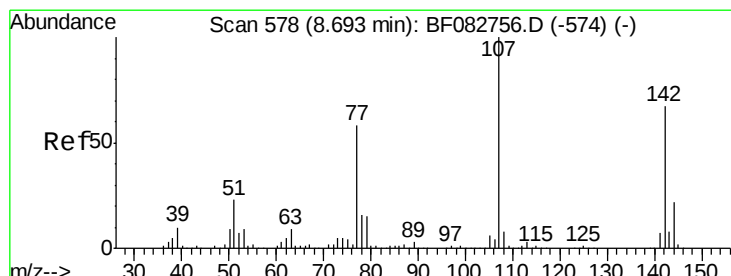
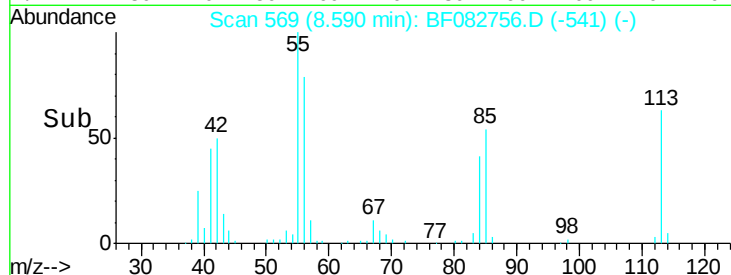
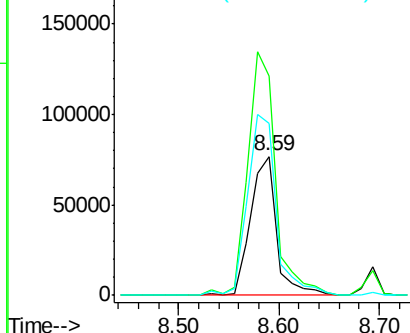
#35
Caprolactam
Concen: 42.50 ng
RT: 8.59 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 138581
Ion Ratio Lower Upper
113 100
55 157.7 195.5 235.5#
56 123.9 153.5 193.5#

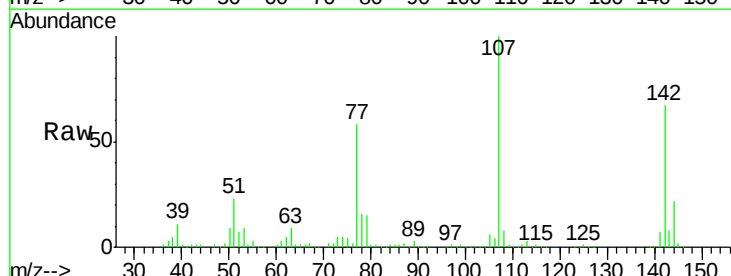


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

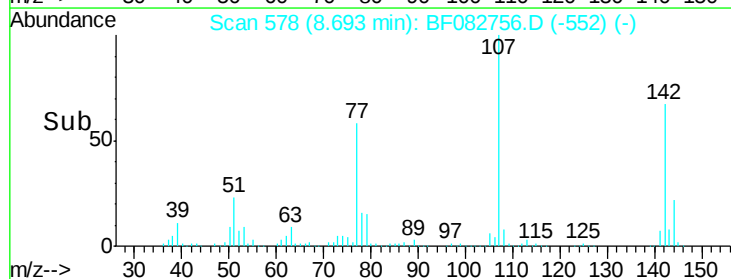
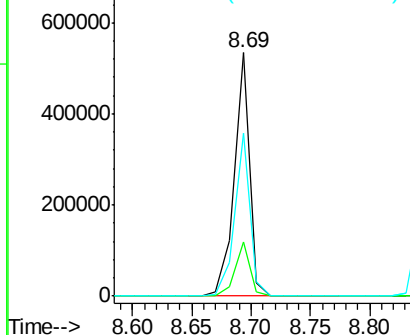


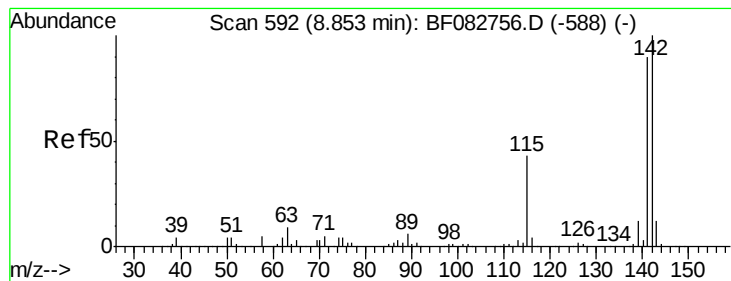
#36
4-Chloro-3-methylphenol
Concen: 38.29 ng
RT: 8.69 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion:107 Resp: 479126
Ion Ratio Lower Upper
107 100
144 22.1 15.4 23.0
142 67.0 47.8 71.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

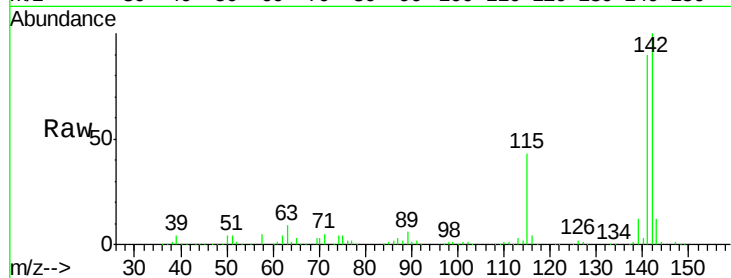




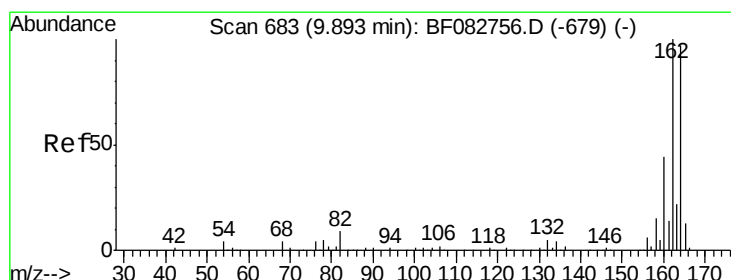
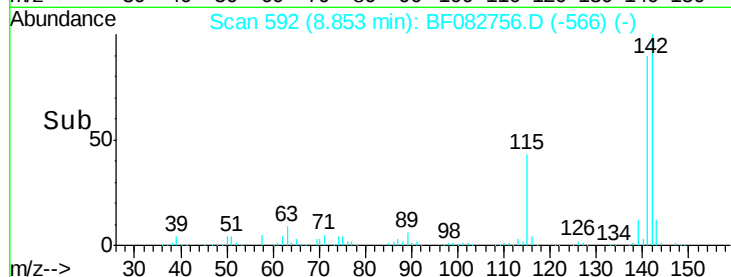
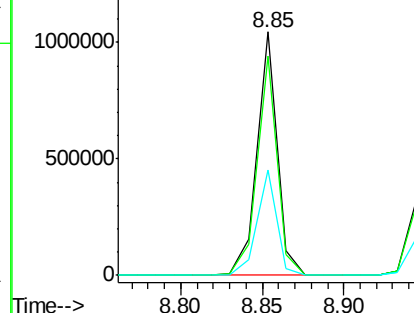
#37
 2-Methylnaphthalene
 Concen: 38.85 ng
 RT: 8.85 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.3	108.5
115	43.5	38.1	57.1

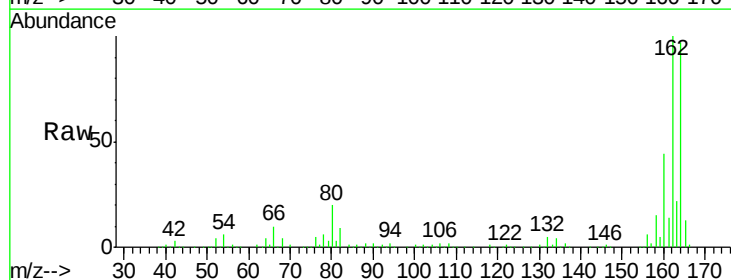


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

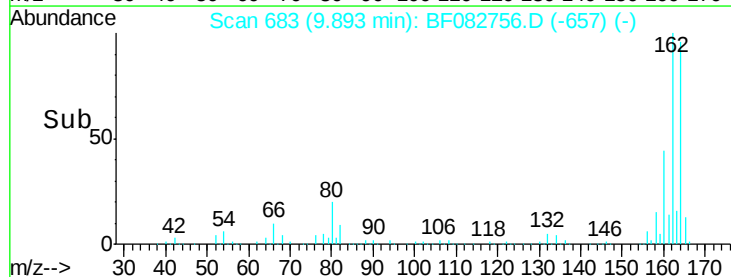
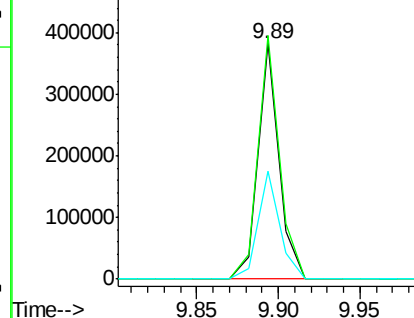


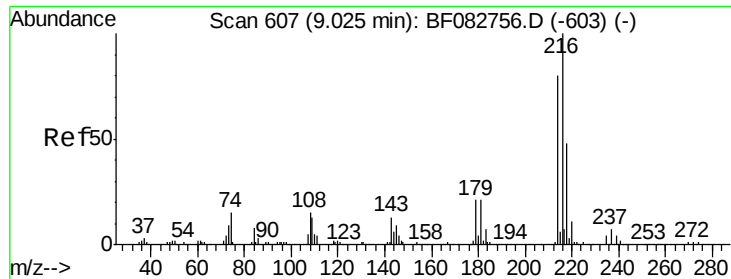
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	84.9	127.3
160	45.7	37.5	56.3



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

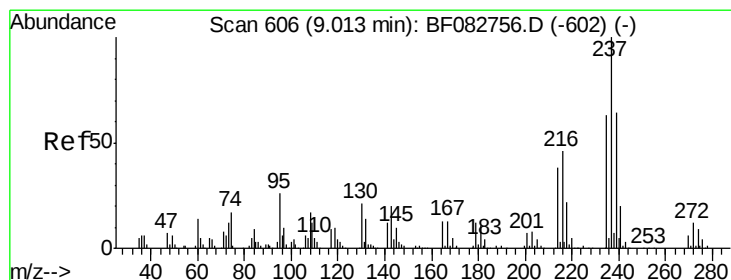
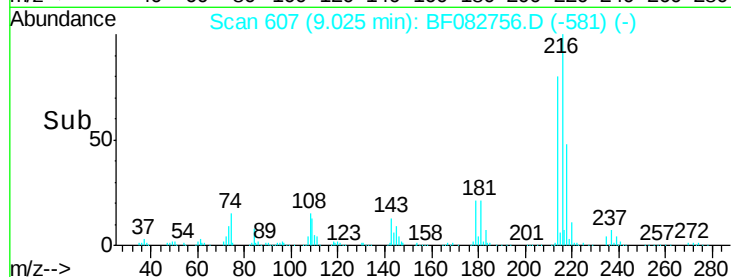
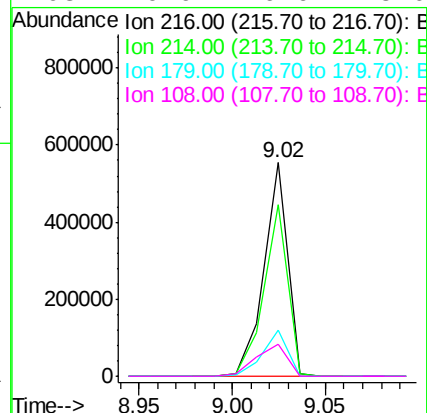
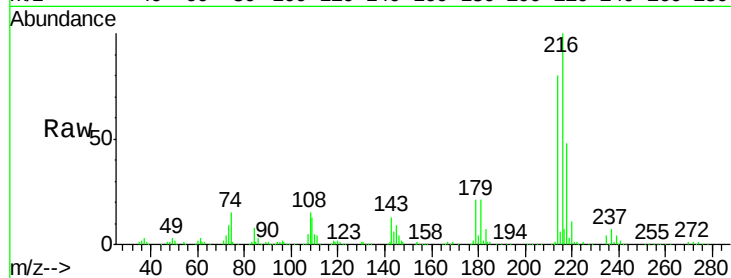




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.58 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

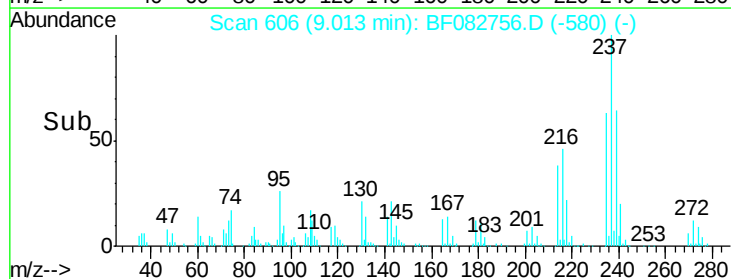
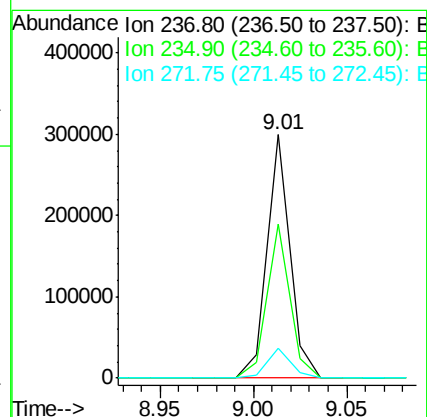
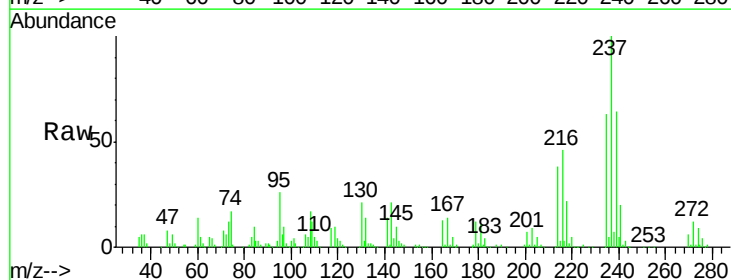
Instrument :
 BNA_F
 ClientSampleId :

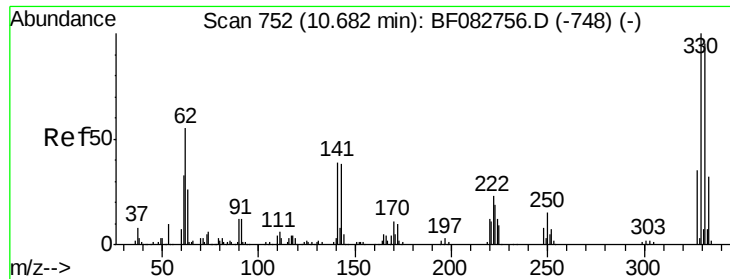
Tot Ion:216	Resp:	484814
Ion Ratio	Lower	Upper
216	100	
214	80.7	62.2 93.2
179	22.4	18.1 27.1
108	19.9	16.6 25.0



#40
 Hexachlorocyclopentadiene
 Concen: 35.41 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion:237	Resp:	253486
Ion Ratio	Lower	Upper
237	100	
235	63.1	44.3 84.3
272	12.1	0.0 31.9

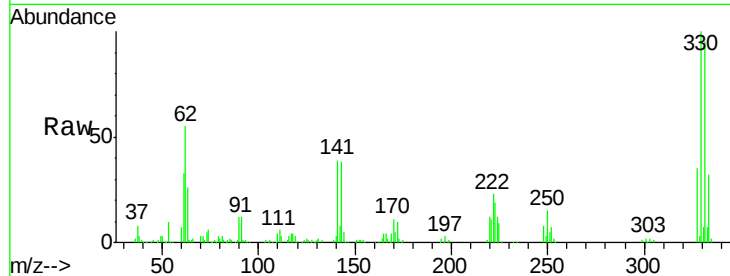




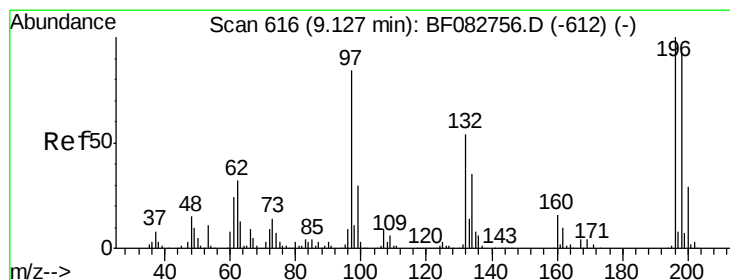
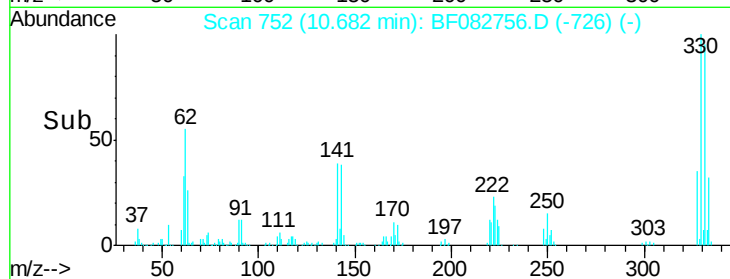
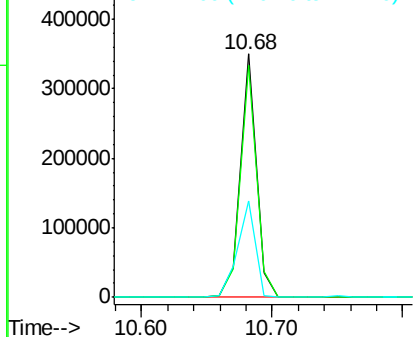
#41
 2,4,6-Tribromophenol
 Concen: 79.70 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	43.3	41.2	61.8

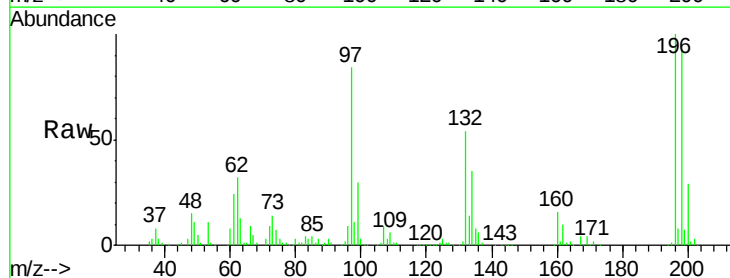


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

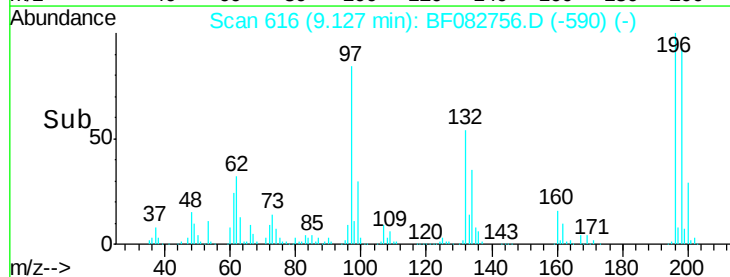
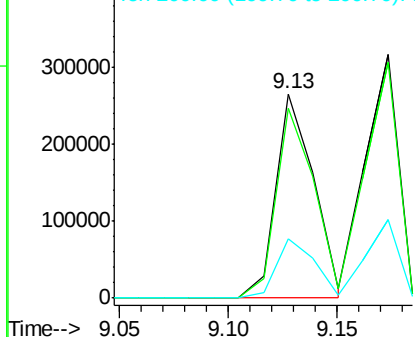


#42
 2,4,6-Trichlorophenol
 Concen: 39.23 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.8	76.3	114.5
200	28.8	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

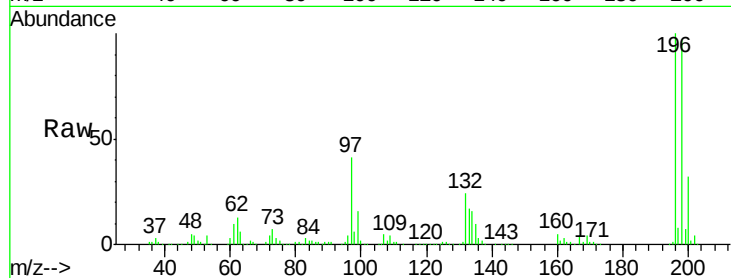




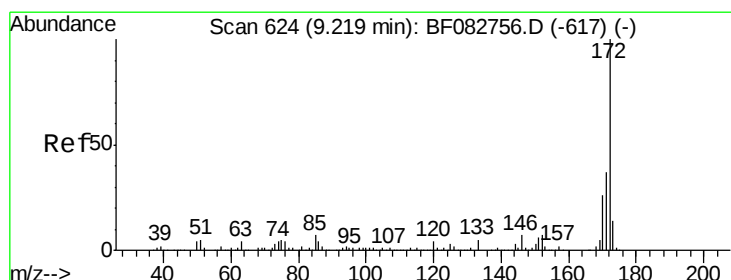
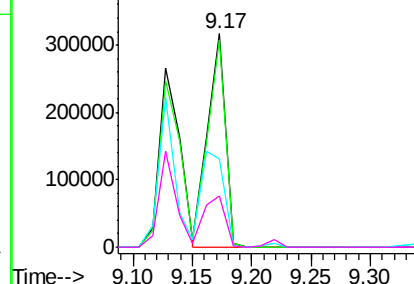
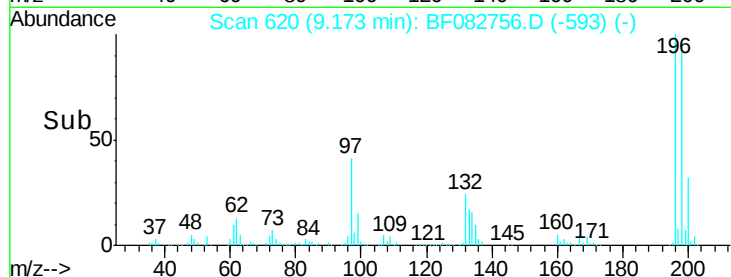
#43
 2,4,5-Trichlorophenol
 Concen: 40.92 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 335211
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.8 113.8
 97 41.4 62.3 93.5#
 132 24.2 27.4 41.2#

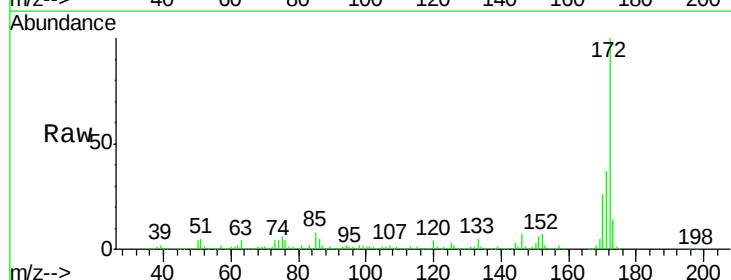


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

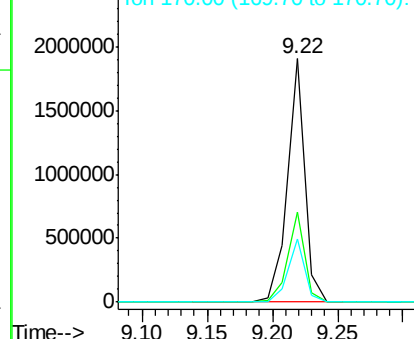
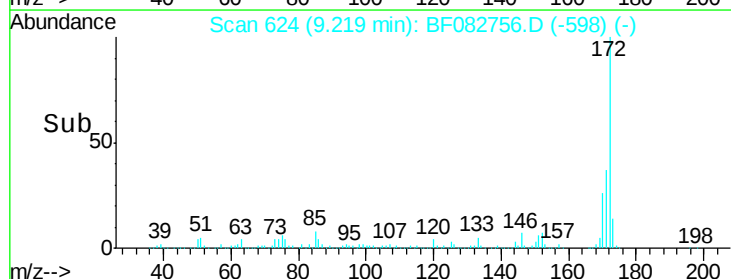


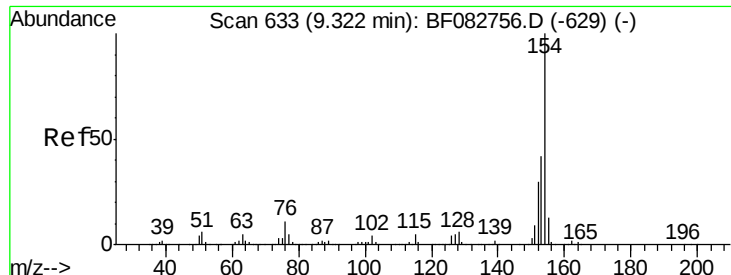
#44
 2-Fluorobiphenyl
 Concen: 74.06 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion:172 Resp: 1779955
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 26.0 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: 43.81 ng

RT: 9.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampleId :

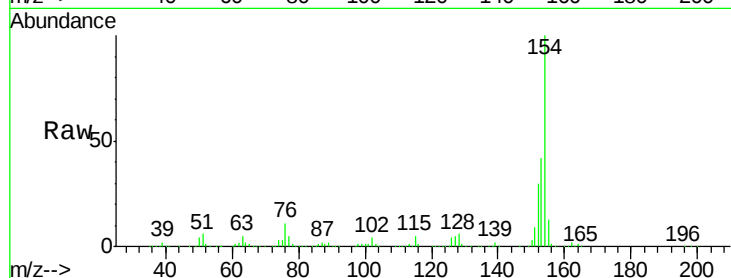
Tot Ion:154 Resp: 1262824

Ion Ratio Lower Upper

154 100

153 42.0 22.0 62.0

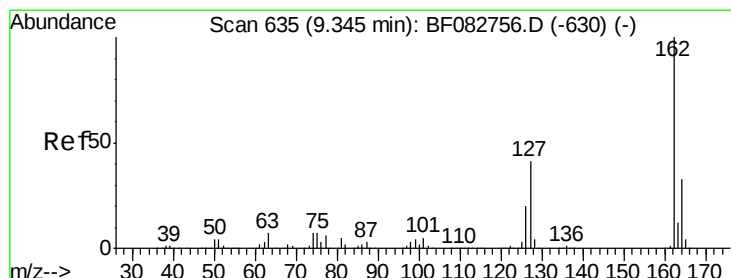
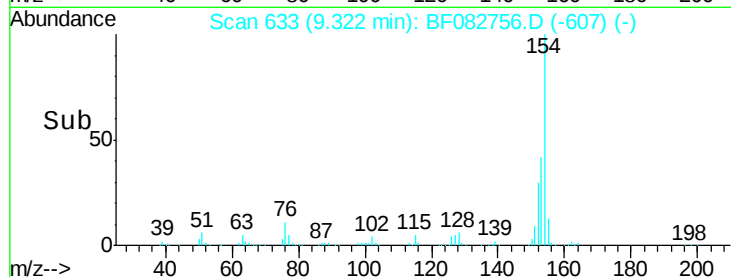
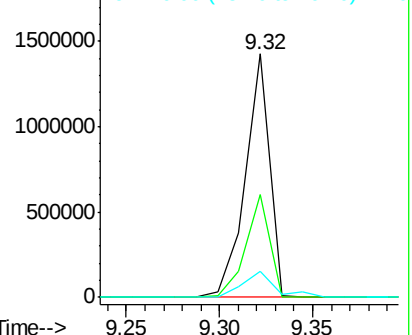
76 10.8 0.0 29.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.91 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

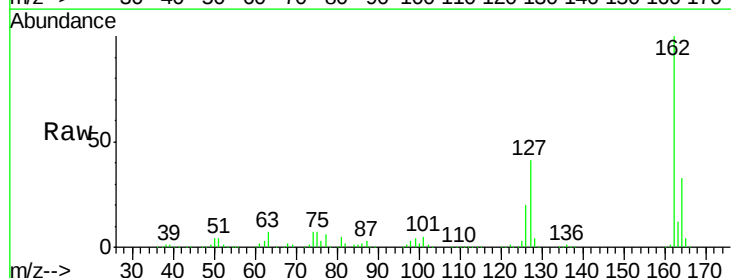
Tgt Ion:162 Resp: 965686

Ion Ratio Lower Upper

162 100

127 40.6 32.7 49.1

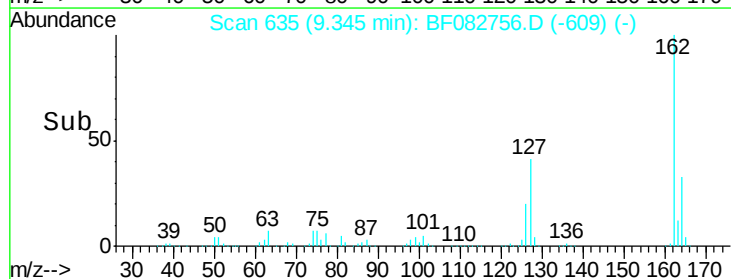
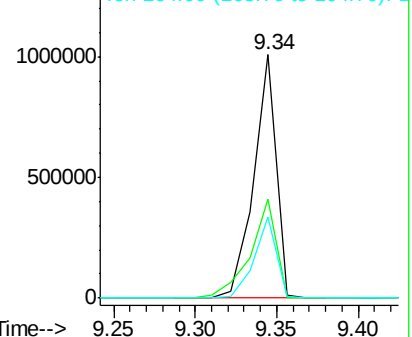
164 33.3 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

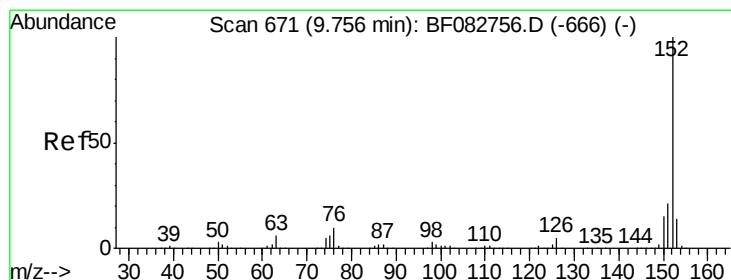
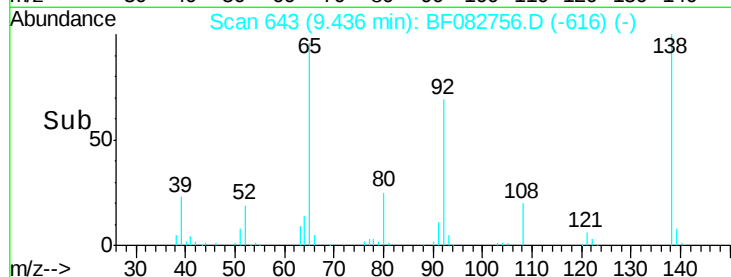
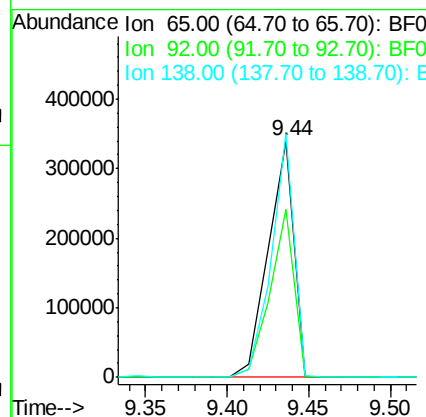
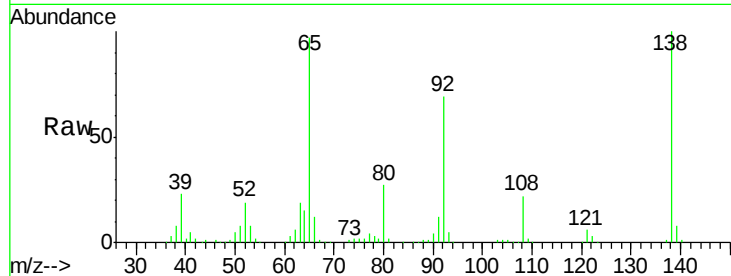




#47
2-Nitroaniline
Concen: 42.58 ng
RT: 9.44 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

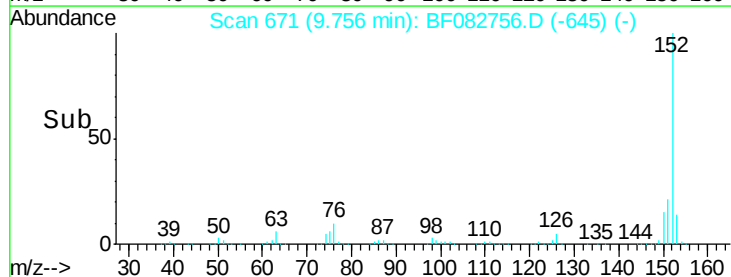
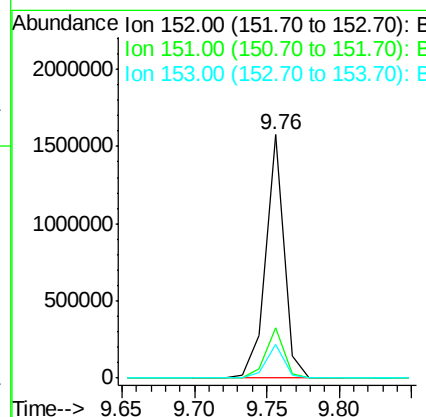
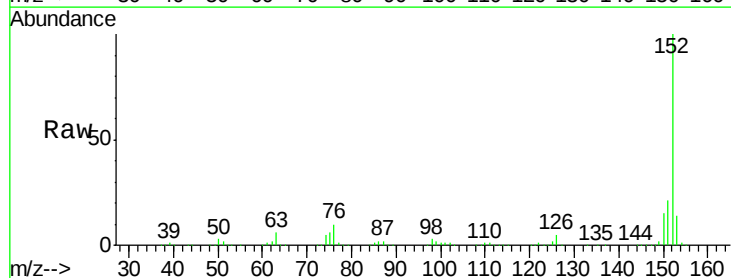
Instrument :
BNA_F
ClientSampleId :

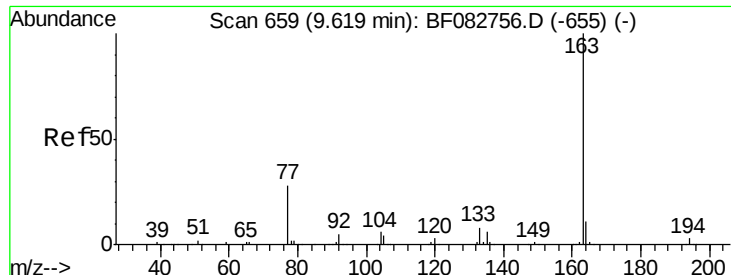
Tot Ion: 65 Resp: 372540
Ion Ratio Lower Upper
65 100
92 71.1 46.6 70.0#
138 102.9 54.6 81.8#



#48
Acenaphthylene
Concen: 38.48 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion: 152 Resp: 1385264
Ion Ratio Lower Upper
152 100
151 20.9 17.3 25.9
153 13.9 11.3 16.9

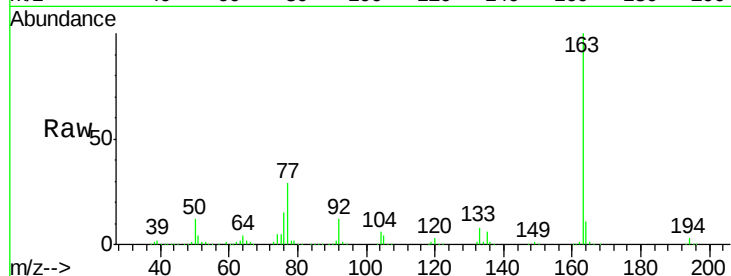




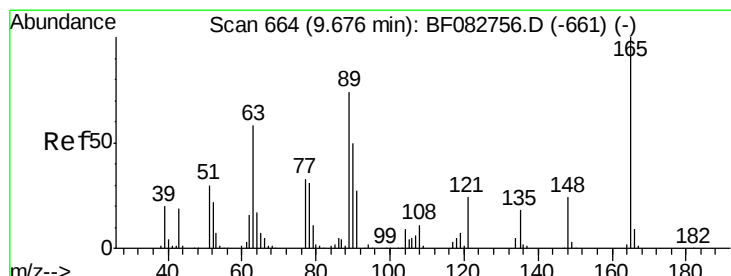
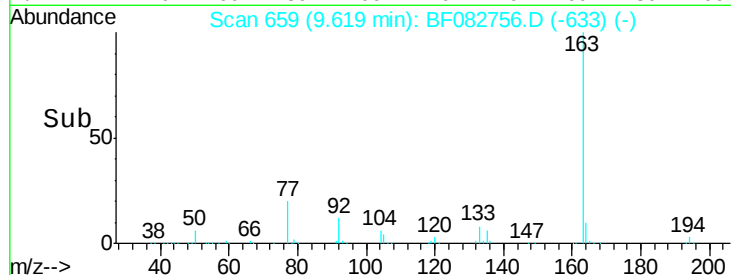
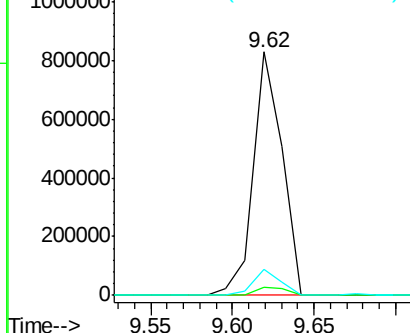
#49
Dimethylphthalate
Concen: 36.39 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1014190
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.7 8.7 13.1

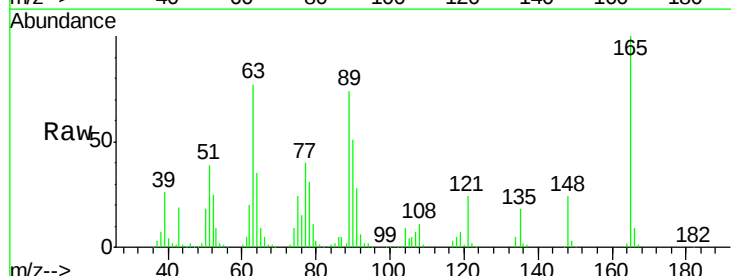


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

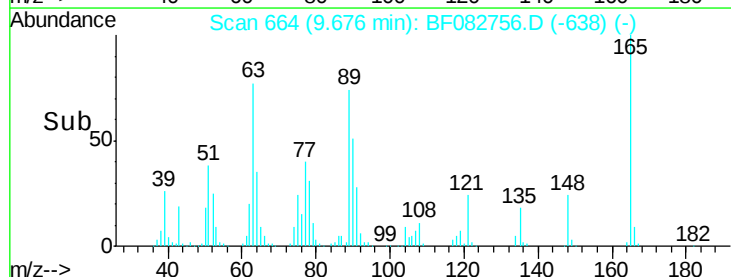
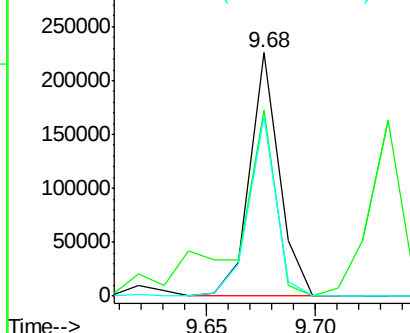


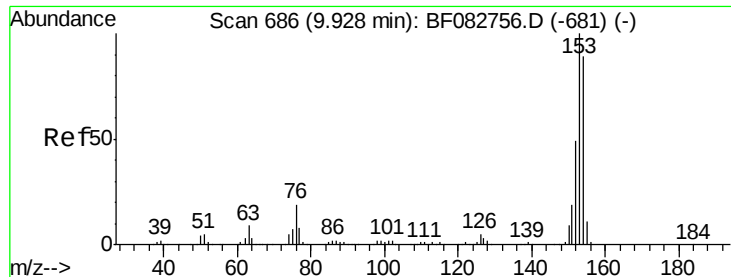
#50
2,6-Dinitrotoluene
Concen: 36.93 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion:165 Resp: 213302
Ion Ratio Lower Upper
165 100
63 76.5 55.5 83.3
89 73.6 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: 38.20 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampleId :

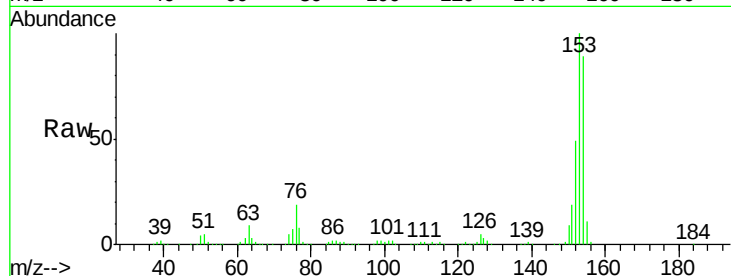
Tot Ion:154 Resp: 872899

Ion Ratio Lower Upper

154 100

153 112.8 90.1 135.1

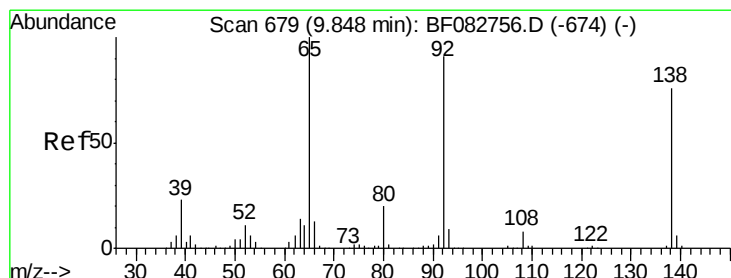
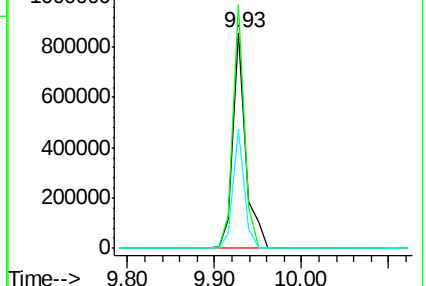
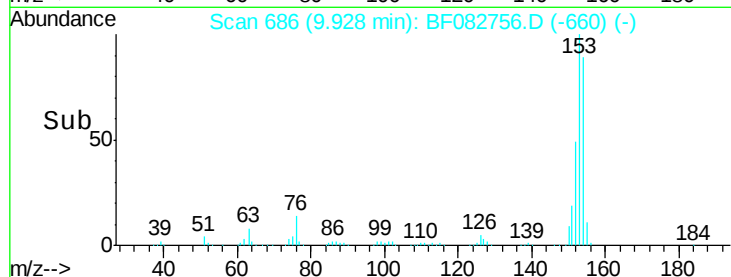
152 55.3 44.3 66.5



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: 45.71 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.01 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

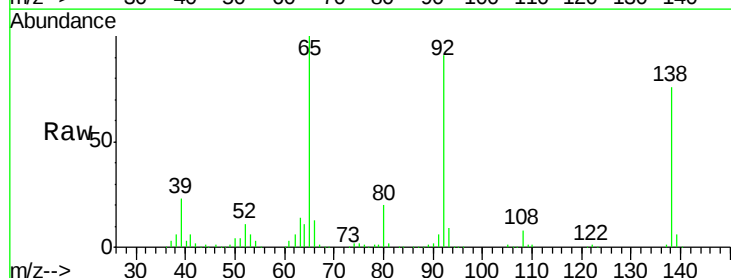
Tgt Ion:138 Resp: 293723

Ion Ratio Lower Upper

138 100

108 10.6 11.3 16.9#

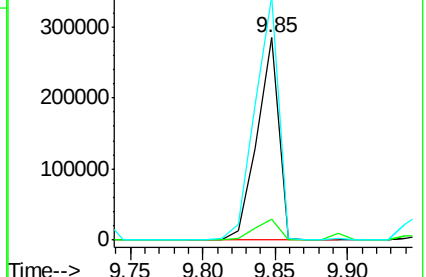
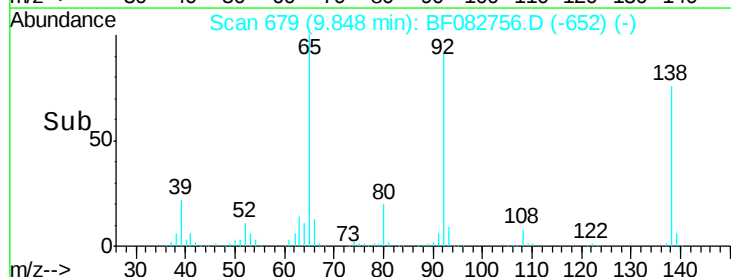
92 120.3 122.4 183.6#

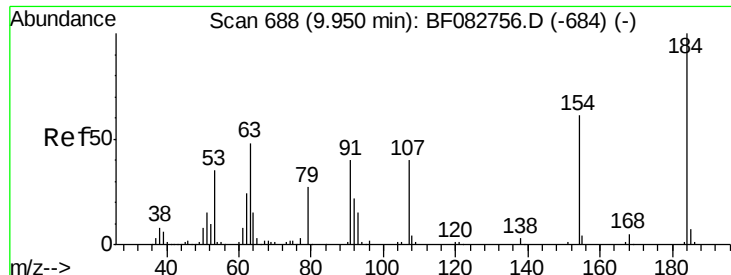


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

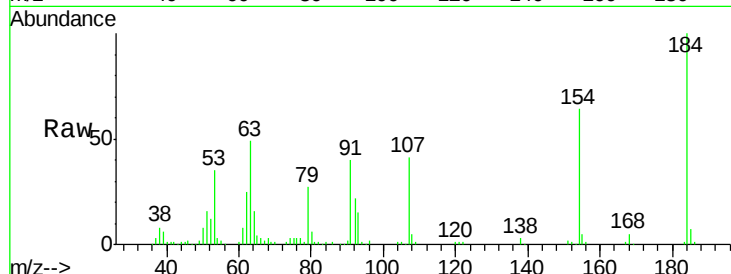




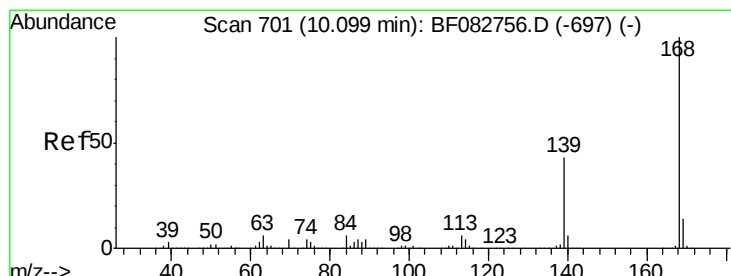
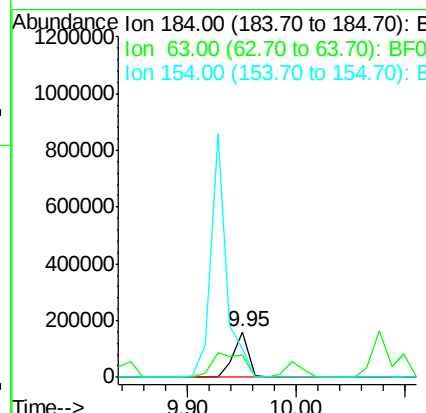
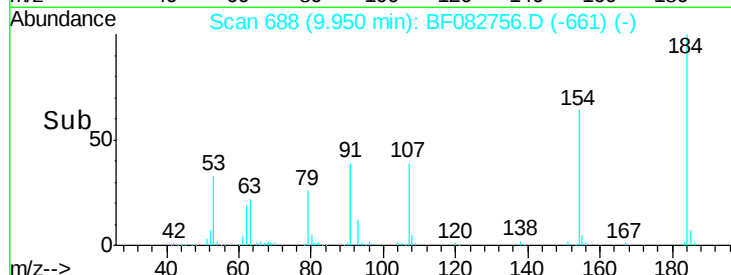
#53
 2,4-Dinitrophenol
 Concen: 58.66 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 151764
 Ion Ratio Lower Upper
 184 100
 63 48.5 98.6 148.0#
 154 64.3 183.9 275.9#

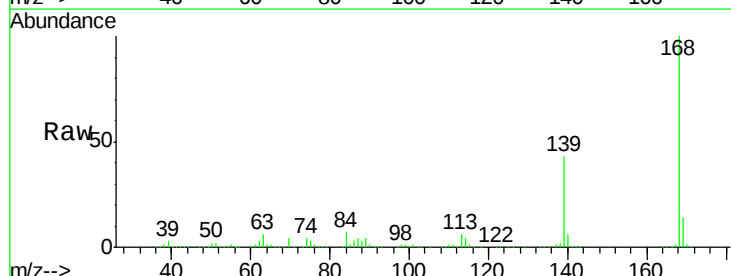


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

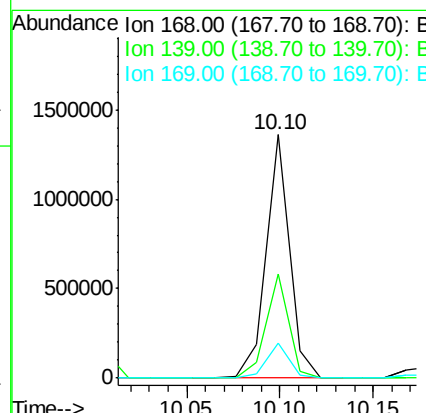
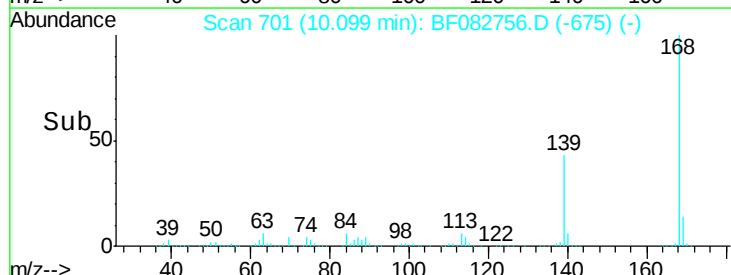


#54
 Dibenzofuran
 Concen: 37.81 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion:168 Resp: 1172464
 Ion Ratio Lower Upper
 168 100
 139 42.6 37.8 56.6
 169 14.2 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

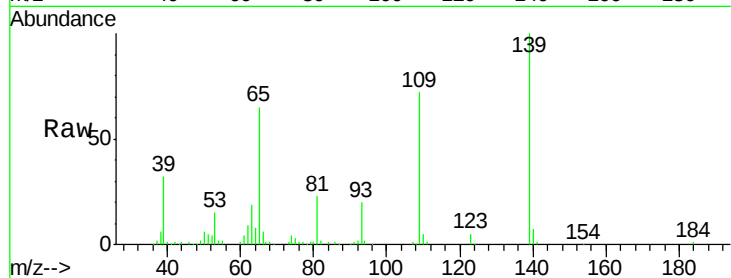




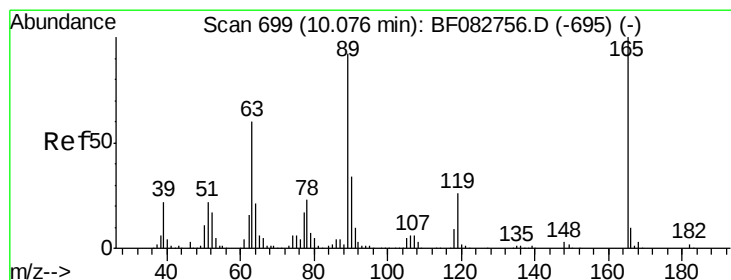
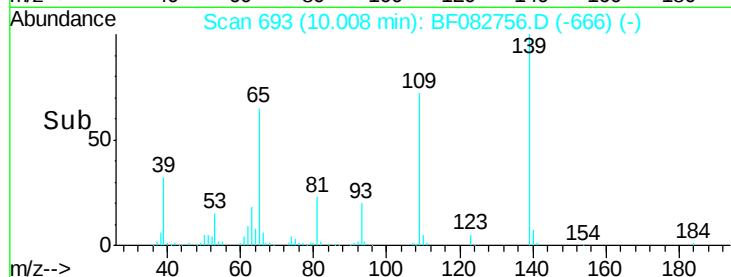
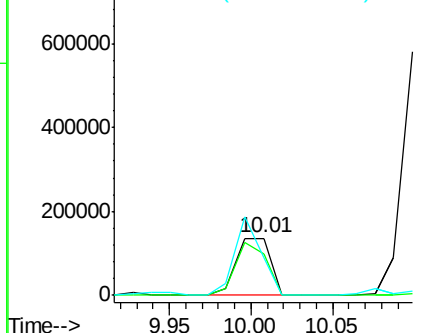
#55
4-Nitrophenol
Concen: 41.27 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 199549
Ion Ratio Lower Upper
139 100
109 72.1 73.7 113.7#
65 65.4 82.9 122.9#

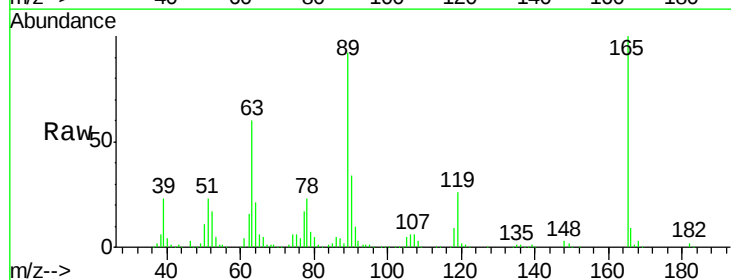


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

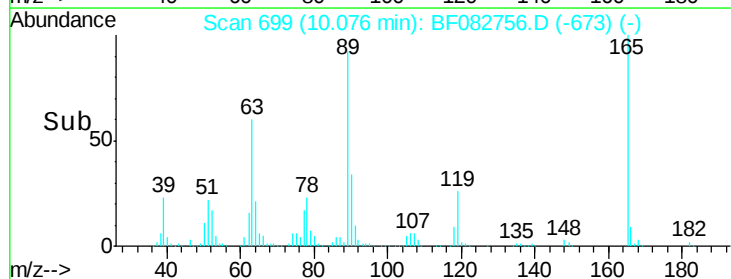
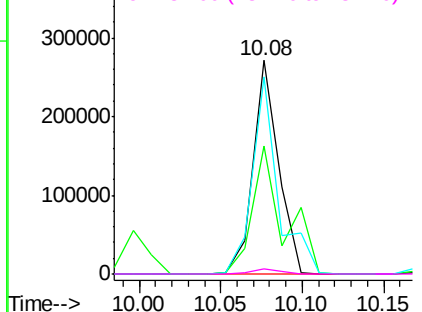


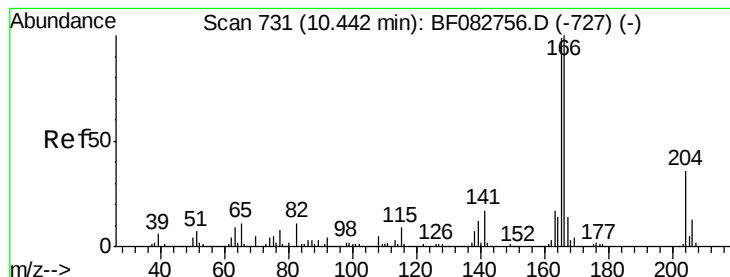
#56
2,4-Dinitrotoluene
Concen: 37.40 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion:165 Resp: 292128
Ion Ratio Lower Upper
165 100
63 60.2 43.4 65.0
89 92.4 70.6 106.0
182 2.5 1.5 2.3#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.85 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampled :

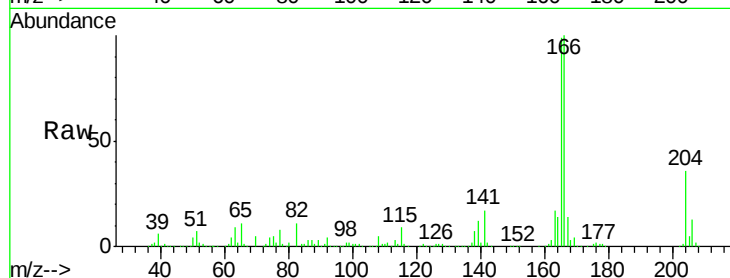
Tot Ion:166 Resp: 971656

Ion Ratio Lower Upper

166 100

165 99.2 80.2 120.4

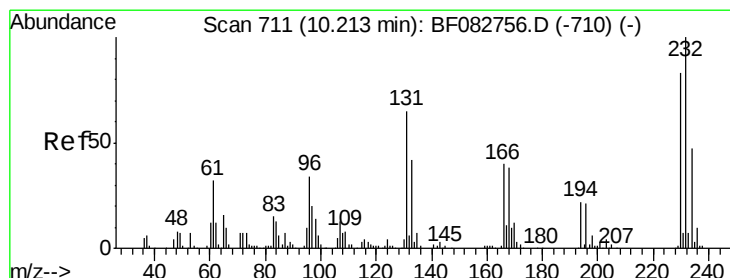
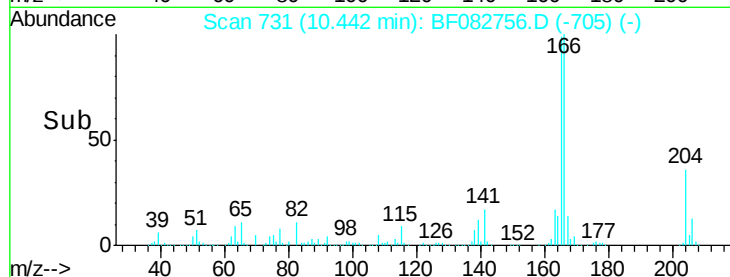
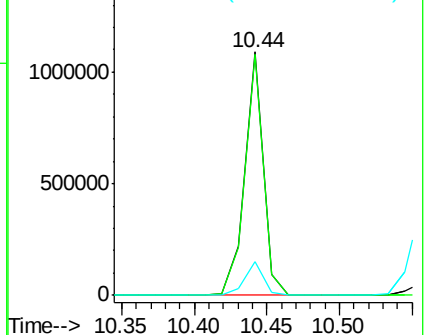
167 13.7 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.32 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Tgt Ion:232 Resp: 251436

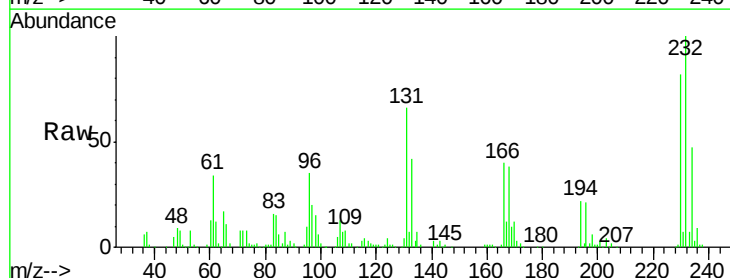
Ion Ratio Lower Upper

232 100

131 49.9 46.2 69.2

130 2.6 2.4 3.6

166 32.7 28.2 42.2

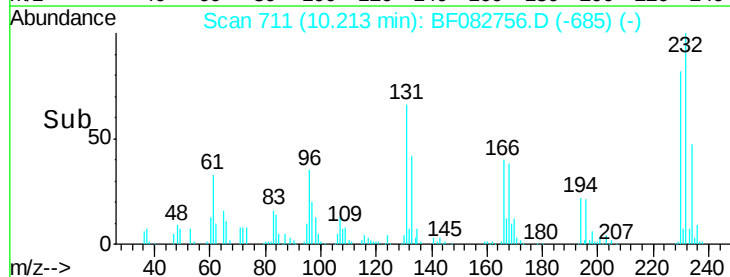
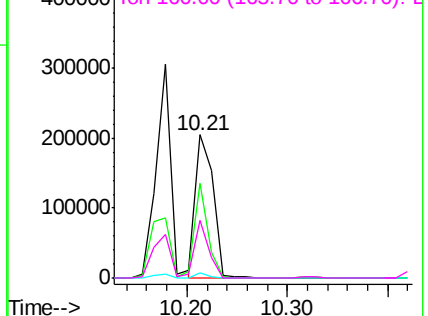


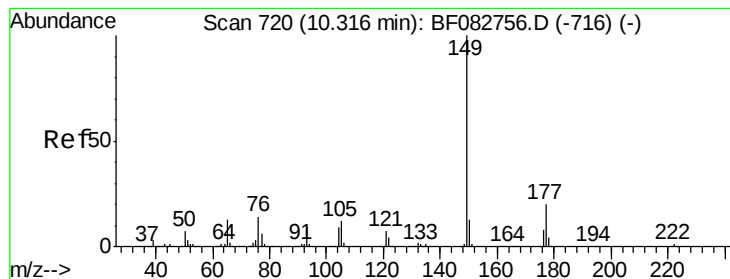
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.95 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampleId :

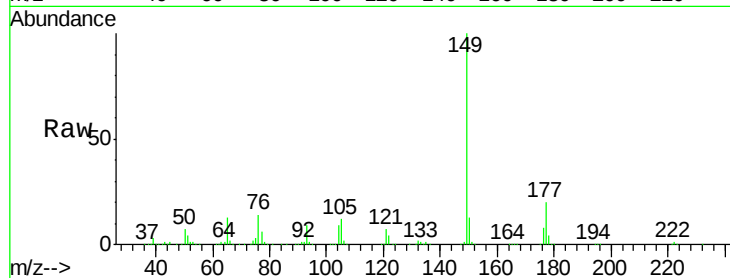
Tot Ion:149 Resp: 1076569

Ion Ratio Lower Upper

149 100

177 20.4 17.9 26.9

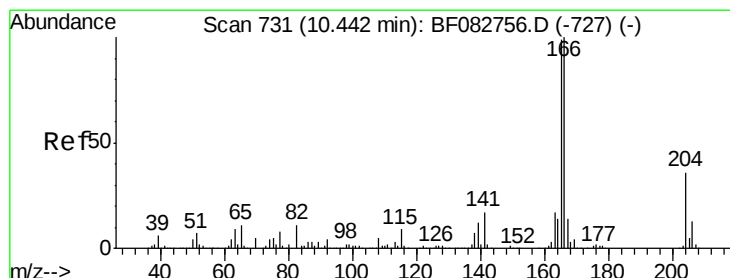
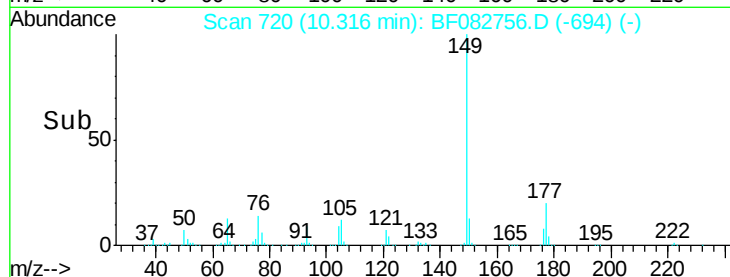
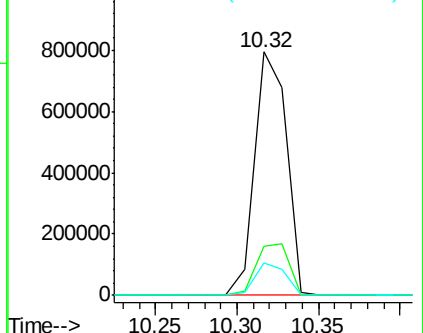
150 13.2 10.1 15.1



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: 38.94 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

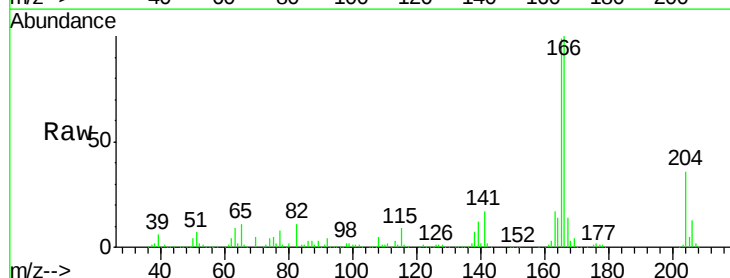
Tgt Ion:204 Resp: 473372

Ion Ratio Lower Upper

204 100

206 34.6 28.5 42.7

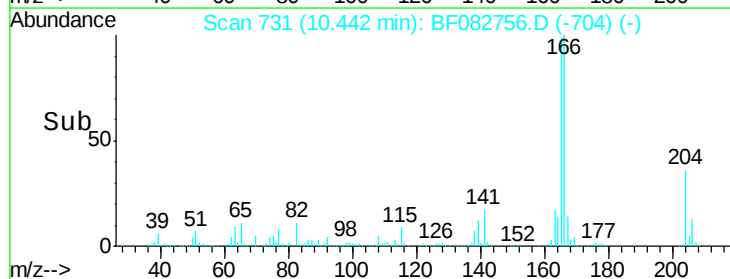
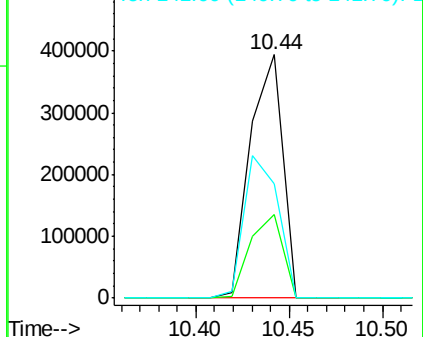
141 47.2 44.6 66.8

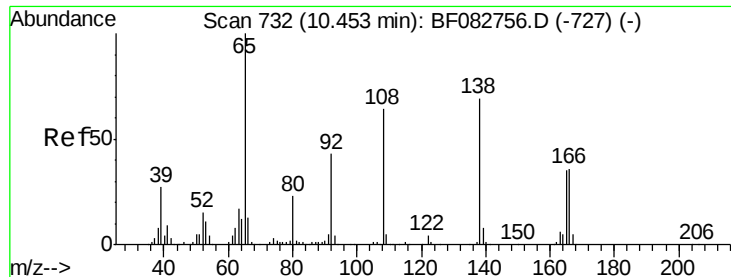


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

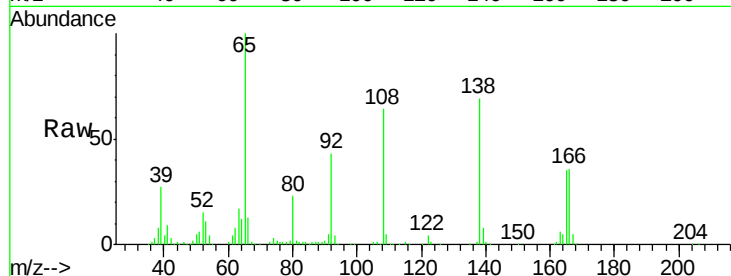




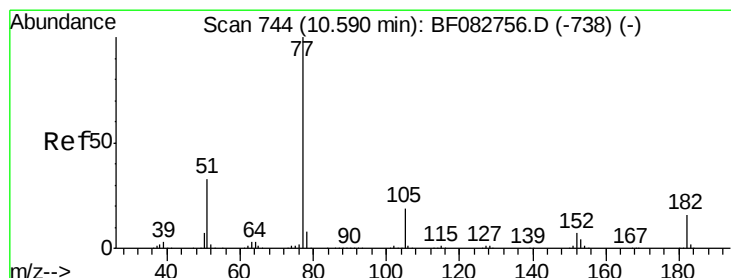
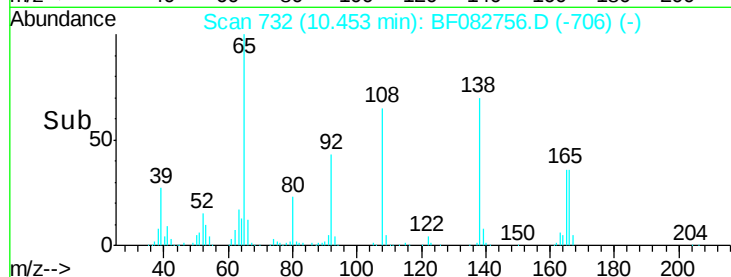
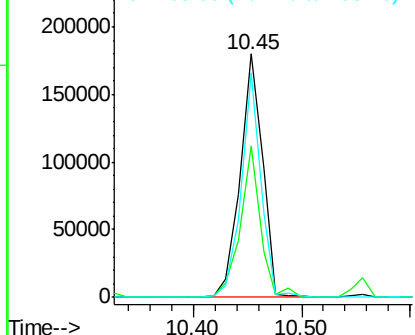
#61
4-Nitroaniline
Concen: 41.41 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 253928
Ion Ratio Lower Upper
138 100
92 62.1 45.8 85.8
108 92.4 89.4 129.4

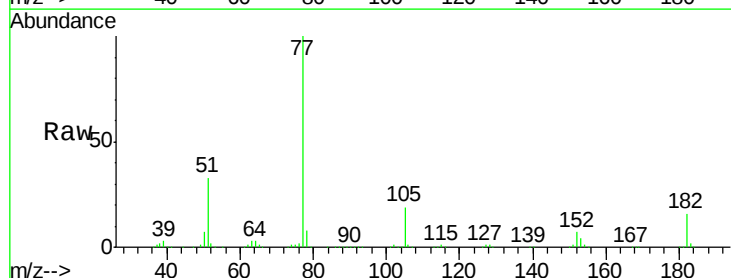


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

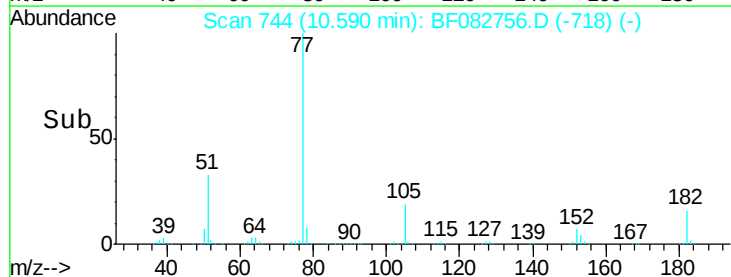
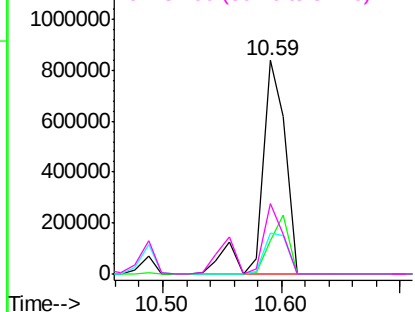


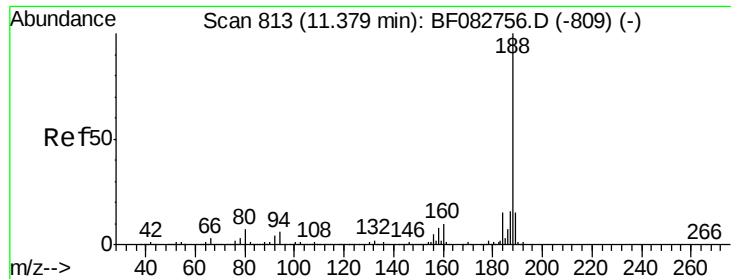
#62
Azobenzene
Concen: 36.43 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion: 77 Resp: 1165639
Ion Ratio Lower Upper
77 100
182 15.9 9.3 49.3
105 19.4 2.6 42.6
51 33.0 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

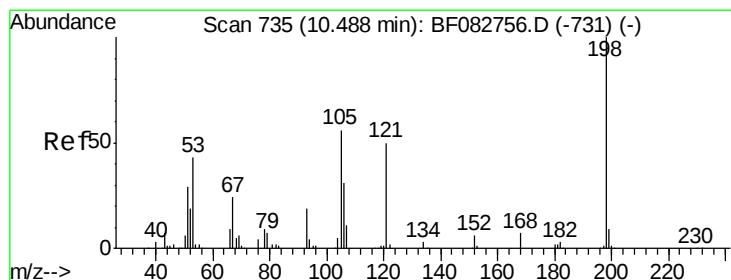
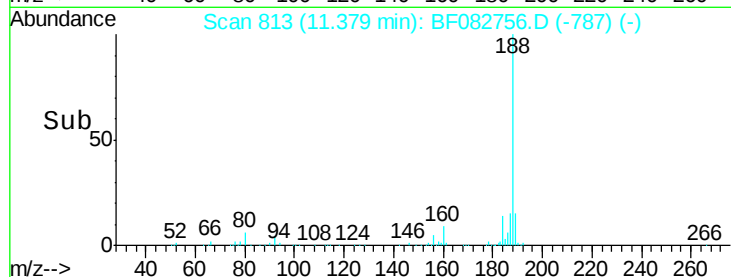
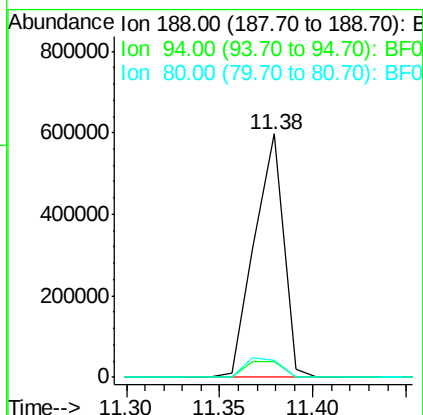
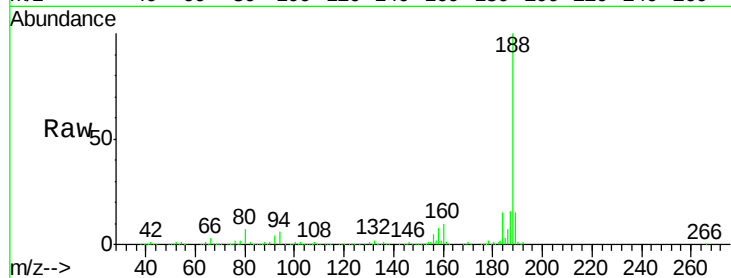




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

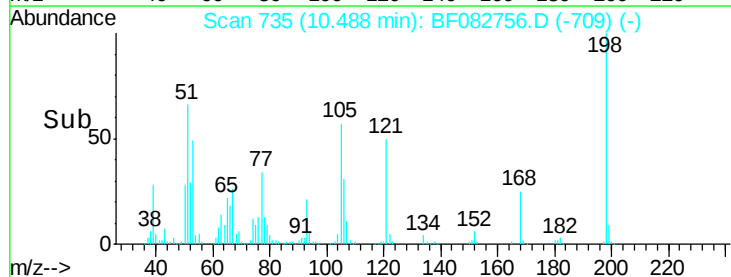
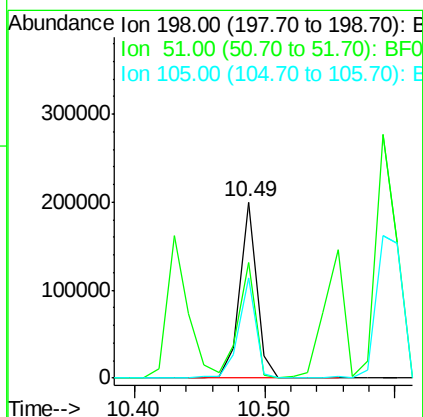
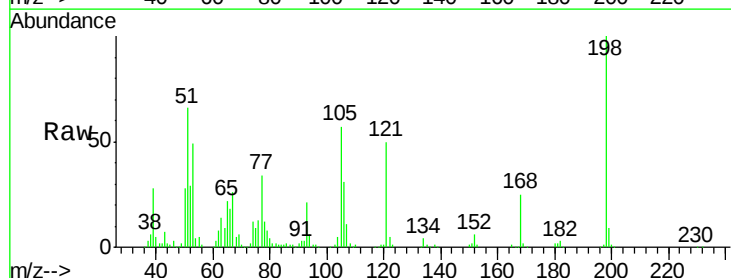
Instrument :
BNA_F
ClientSampleId :

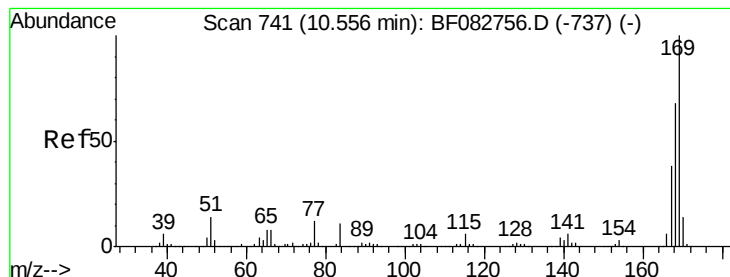
Tot Ion:188 Resp: 645664
Ion Ratio Lower Upper
188 100
94 6.4 6.1 9.1
80 7.1 7.0 10.6



#64
4,6-Dinitro-2-methylphenol
Concen: 46.05 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion:198 Resp: 179333
Ion Ratio Lower Upper
198 100
51 66.0 17.3 57.3#
105 56.9 21.7 61.7

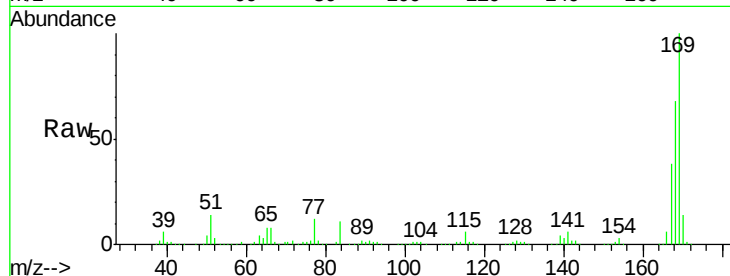




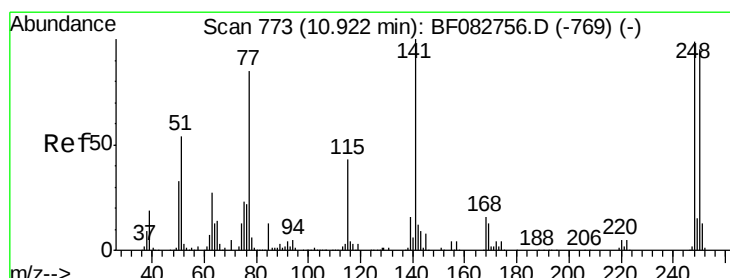
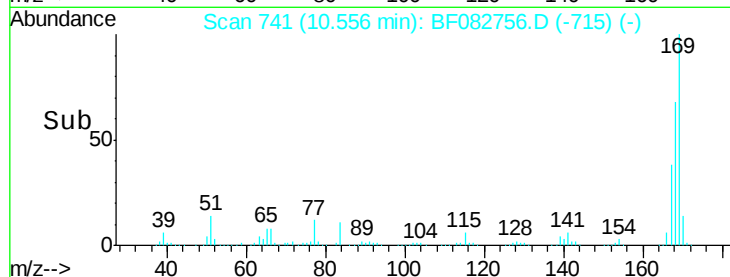
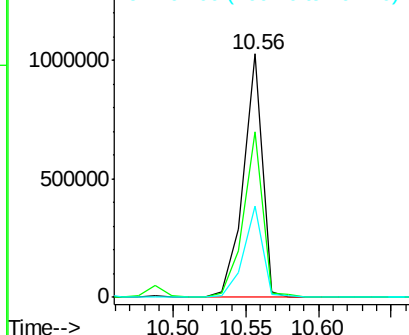
#65
 n-Nitrosodiphenylamine
 Concen: 42.11 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 934660
 Ion Ratio Lower Upper
 169 100
 168 68.0 55.0 82.6
 167 37.5 30.5 45.7

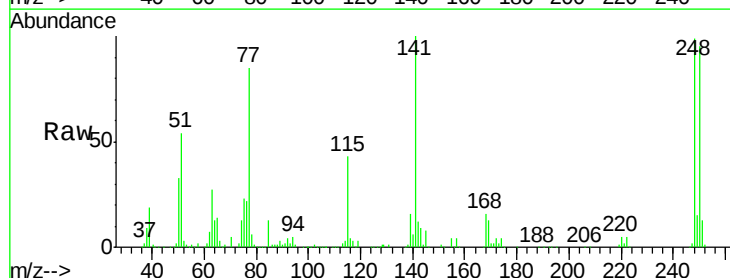


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

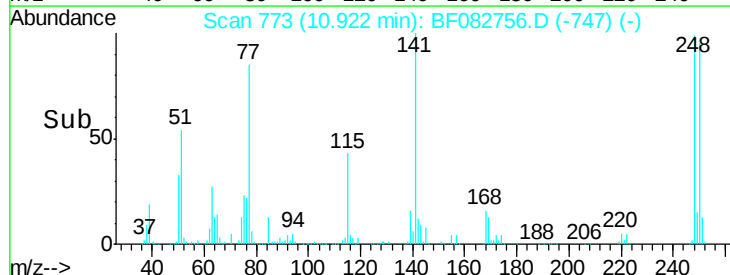
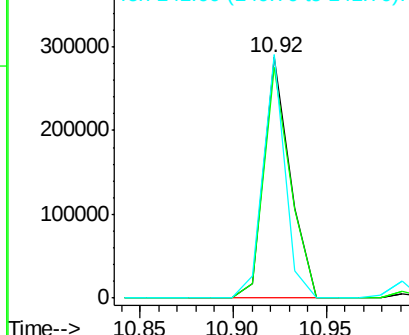


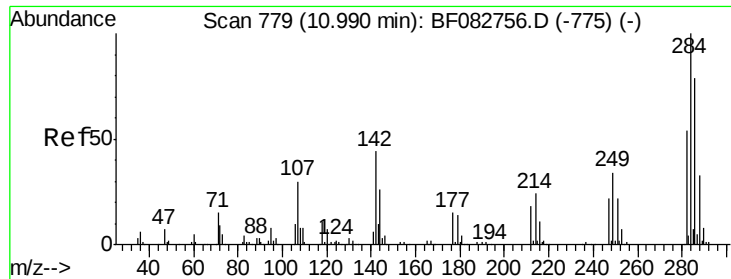
#66
 4-Bromophenyl-phenylether
 Concen: 38.55 ng
 RT: 10.92 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion:248 Resp: 282087
 Ion Ratio Lower Upper
 248 100
 250 95.7 79.4 119.2
 141 101.2 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

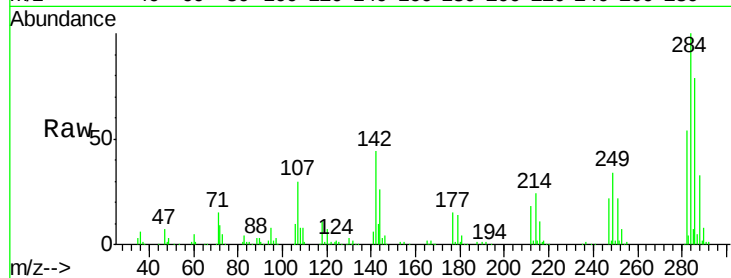




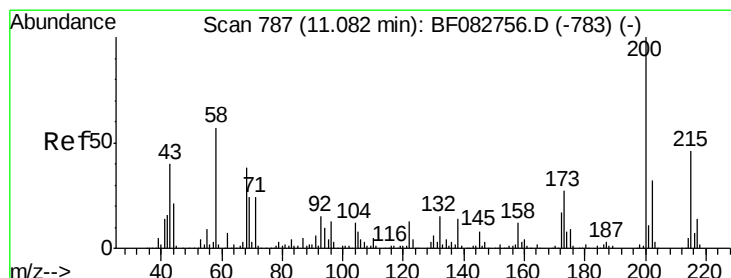
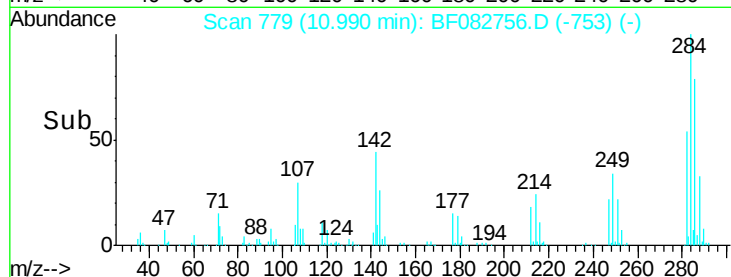
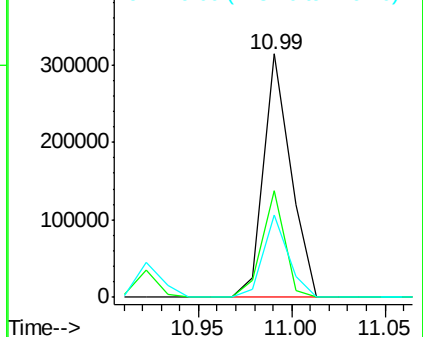
#67
Hexachlorobenzene
Concen: 38.89 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	44.0	47.9	71.9
249	33.9	29.7	44.5

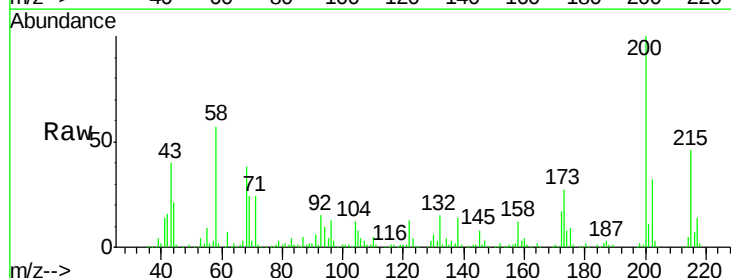


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

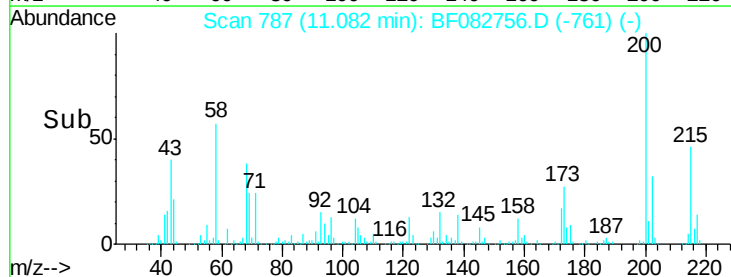
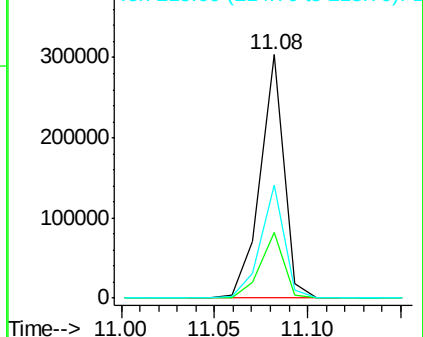


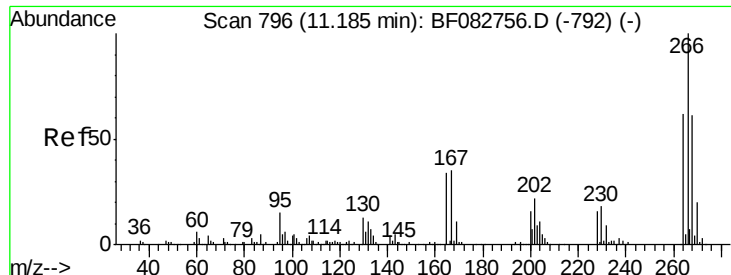
#68
Atrazine
Concen: 37.44 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.9	46.9
215	46.4	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

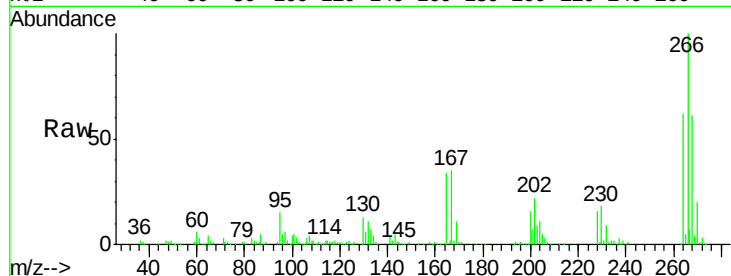




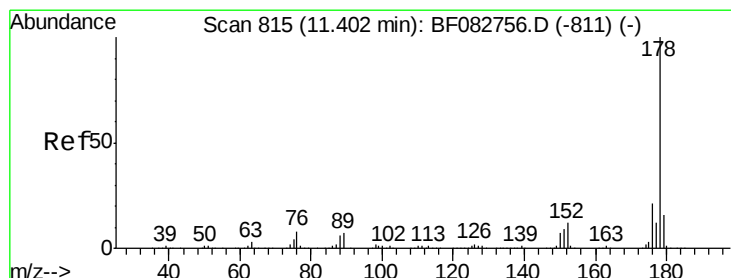
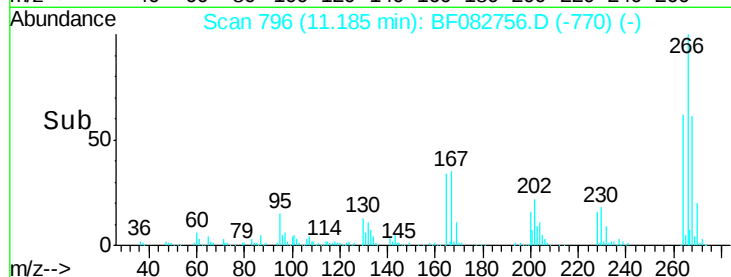
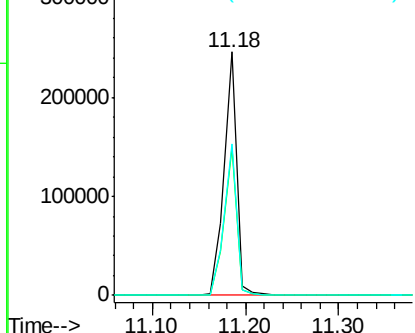
#69
 Pentachlorophenol
 Concen: 43.12 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 230655
 Ion Ratio Lower Upper
 266 100
 268 60.7 51.0 76.6
 264 62.4 50.6 75.8

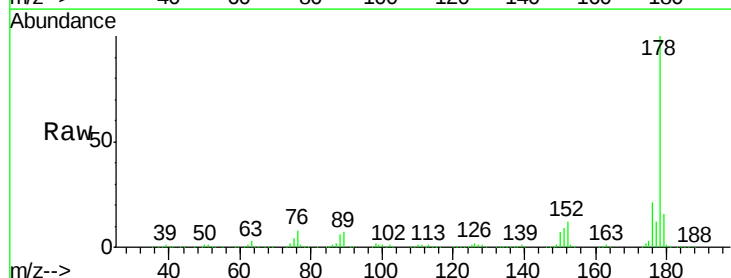


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

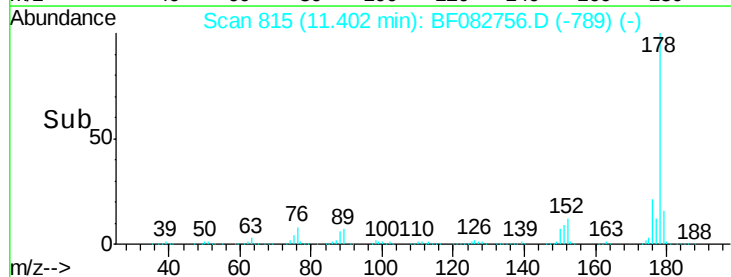
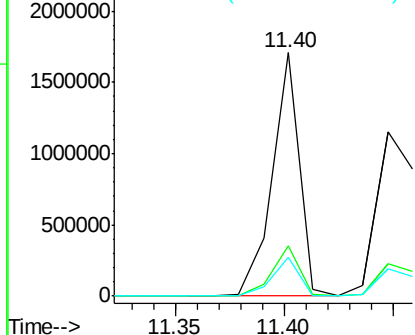


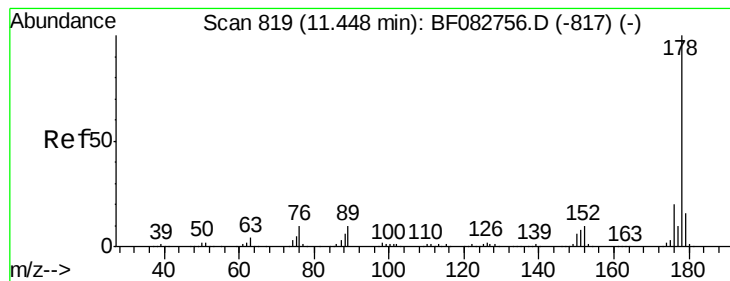
#70
 Phenanthrene
 Concen: 41.13 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion:178 Resp: 1497929
 Ion Ratio Lower Upper
 178 100
 176 20.9 17.0 25.4
 179 15.9 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: 39.85 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

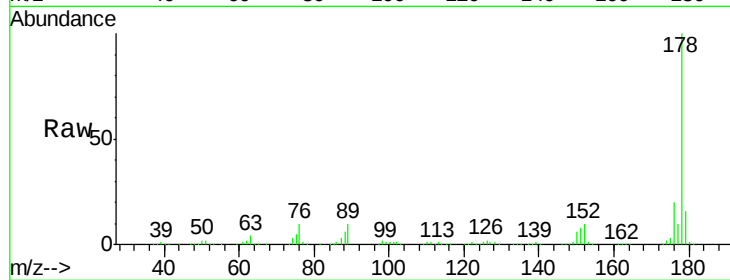
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1460992

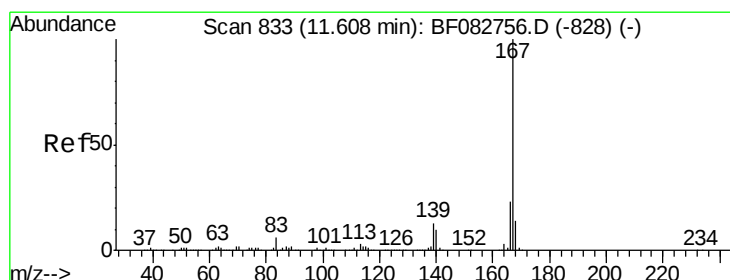
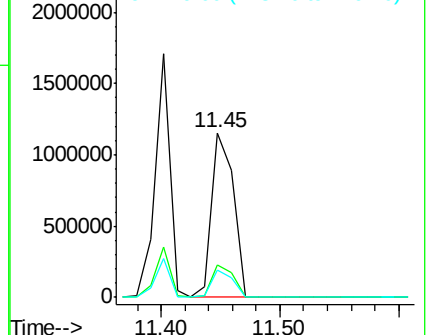
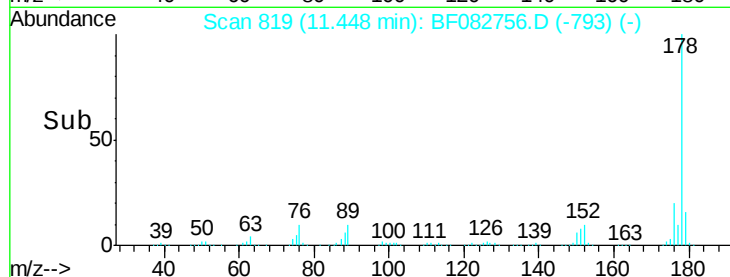
Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.5	24.7
179	16.3	13.2	19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.08 ng

RT: 11.61 min Scan# 833

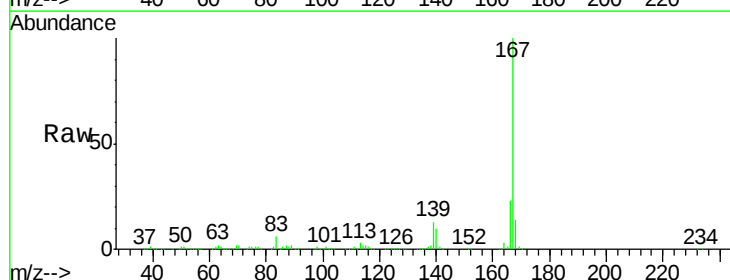
Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Tgt Ion:167 Resp: 1407815

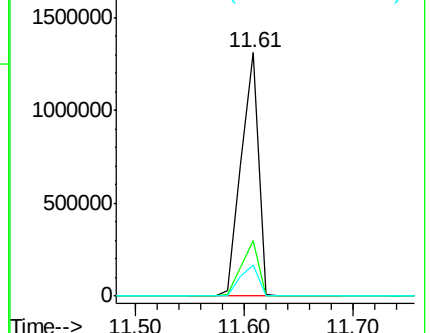
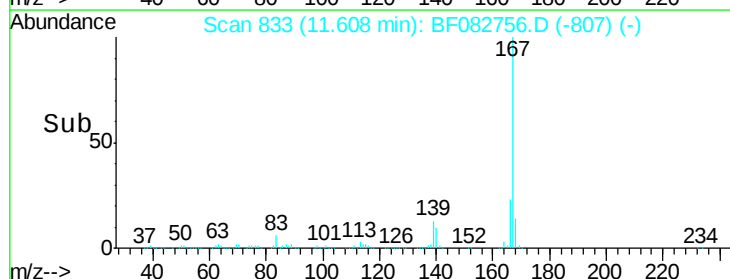
Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.7	28.1
139	12.8	11.8	17.6

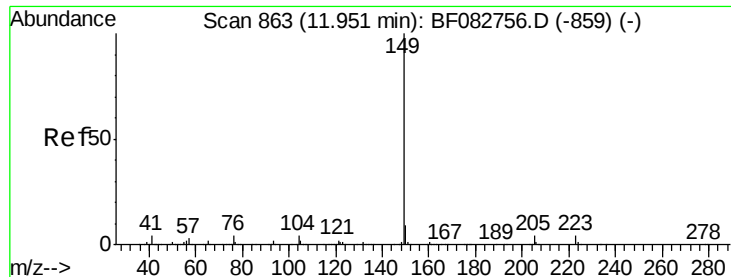


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.45 ng

RT: 11.95 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampleId :

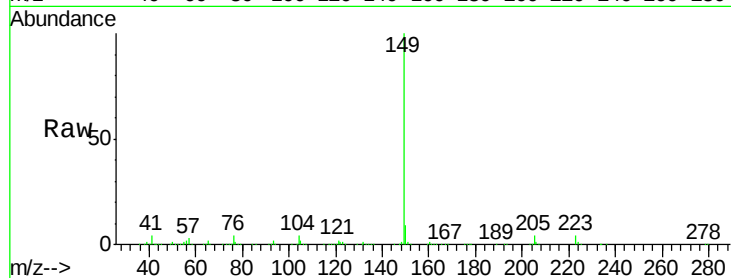
Tot Ion:149 Resp: 1685096

Ion Ratio Lower Upper

149 100

150 9.3 8.1 12.1

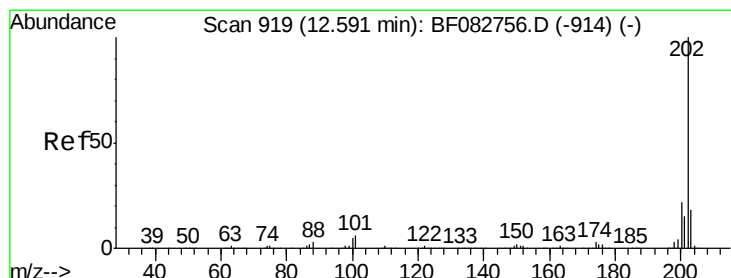
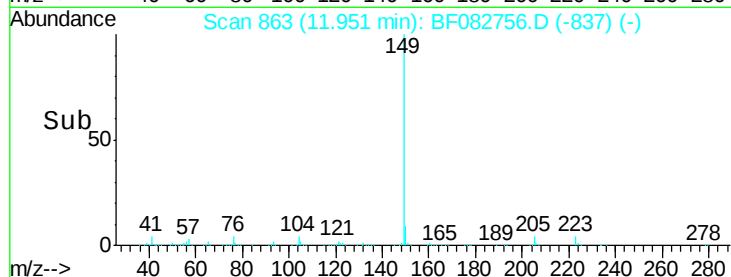
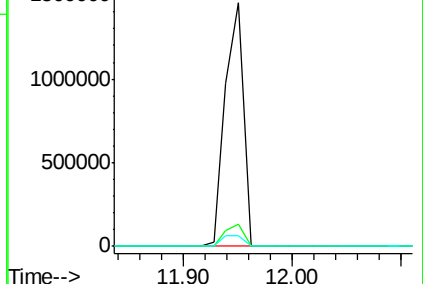
104 4.3 5.2 7.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.75 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

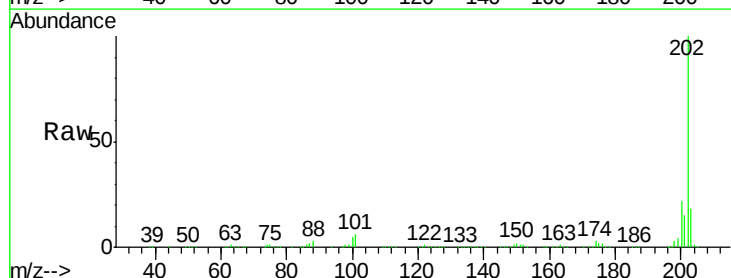
Tgt Ion:202 Resp: 1628604

Ion Ratio Lower Upper

202 100

101 6.4 0.0 30.5

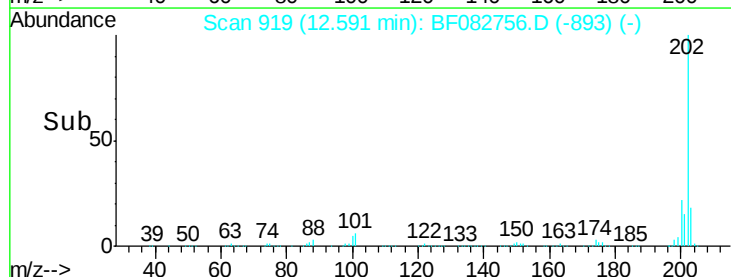
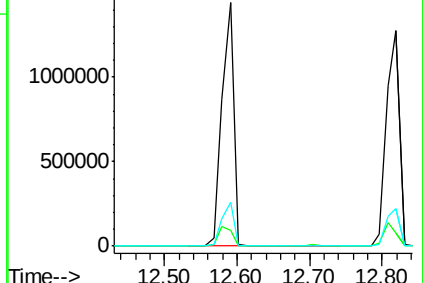
203 17.8 0.0 38.5

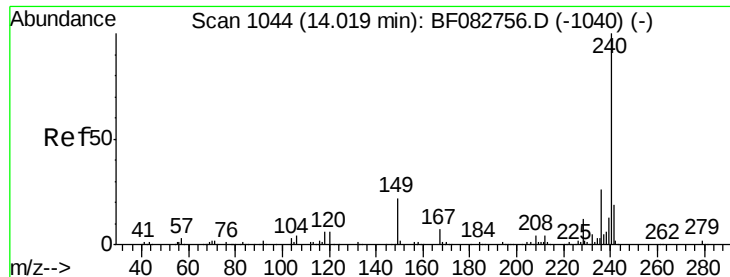


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampleId :

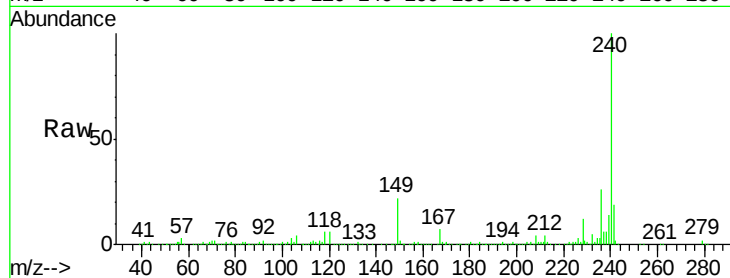
Tot Ion:240 Resp: 597967

Ion Ratio Lower Upper

240 100

120 5.6 10.9 16.3#

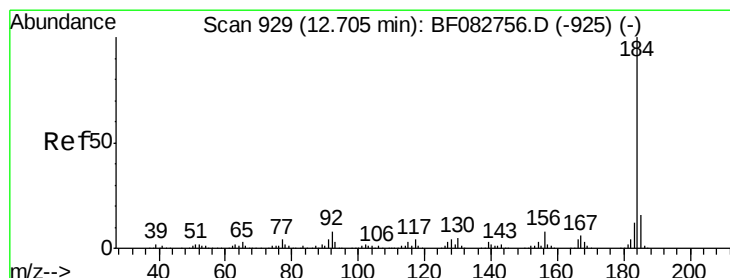
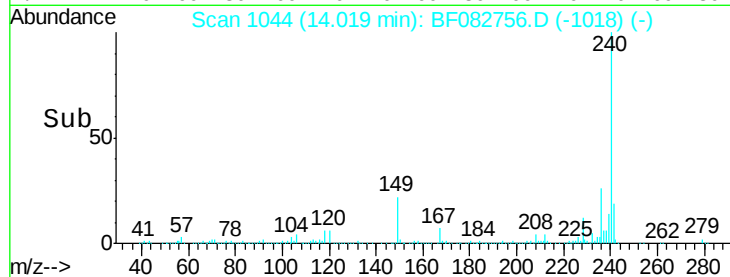
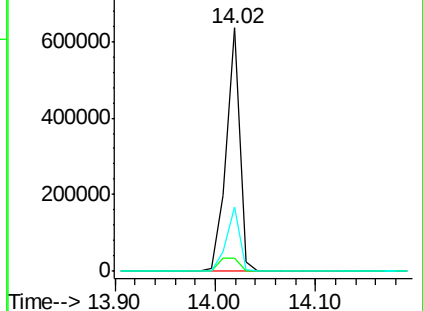
236 26.4 21.6 32.4



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: 31.24 ng

RT: 12.70 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

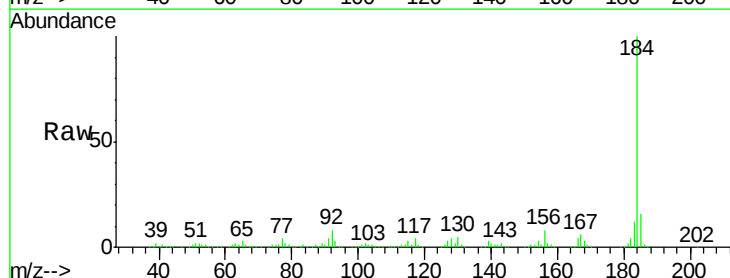
Tgt Ion:184 Resp: 842413

Ion Ratio Lower Upper

184 100

185 15.8 12.0 18.0

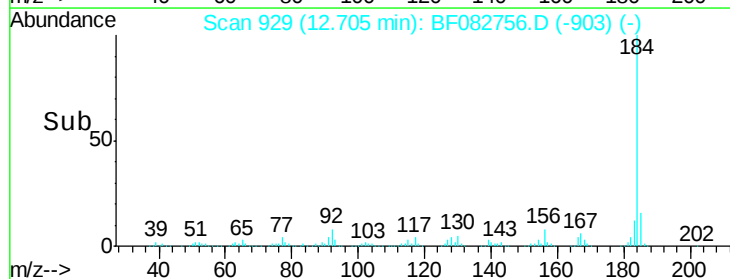
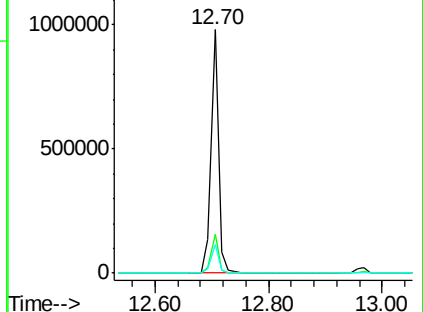
183 11.8 9.6 14.4

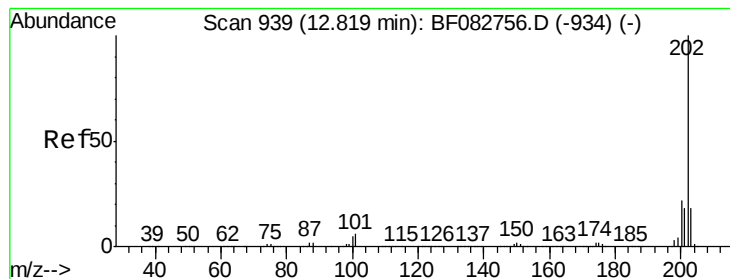


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.77 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampleId :

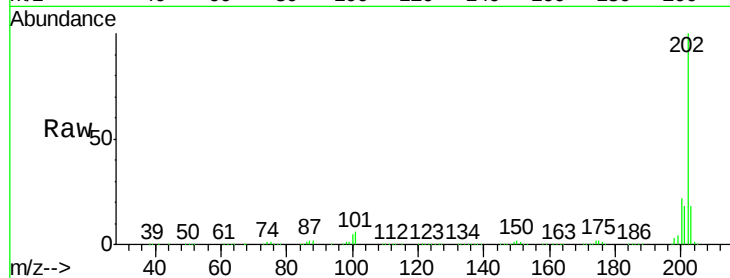
Tot Ion:202 Resp: 1583763

Ion Ratio Lower Upper

202 100

200 22.2 18.7 28.1

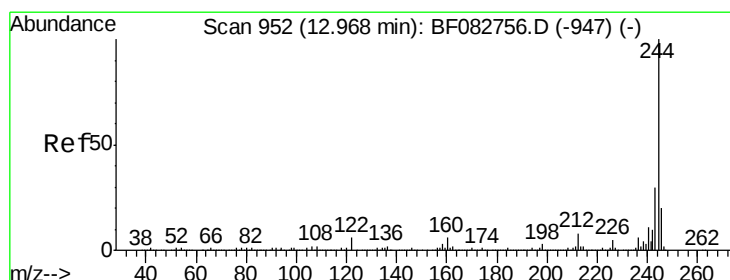
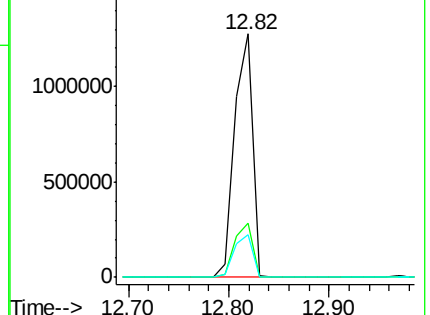
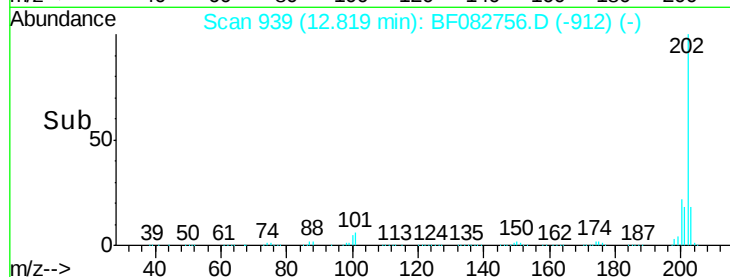
203 17.5 14.8 22.2



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: 74.68 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

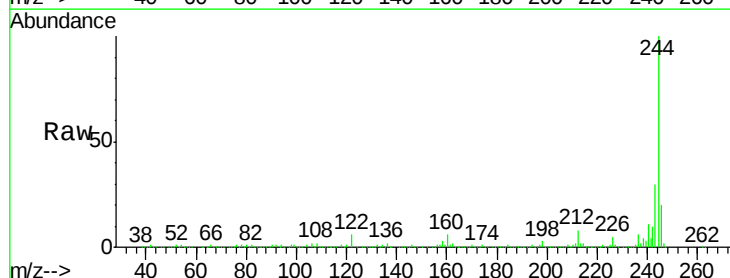
Tgt Ion:244 Resp: 2040420

Ion Ratio Lower Upper

244 100

212 7.7 7.6 11.4

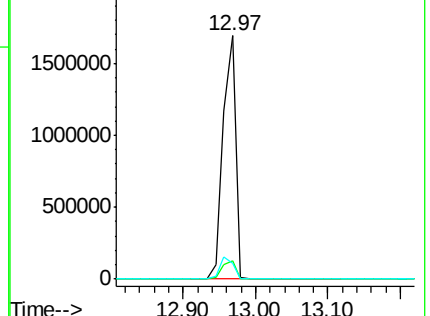
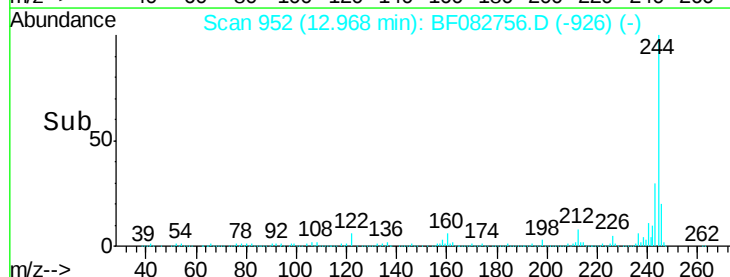
122 6.5 11.3 16.9#

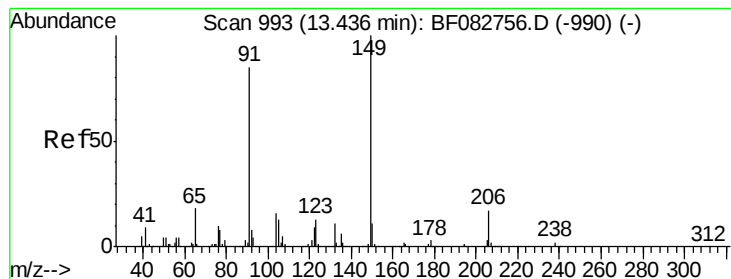


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 35.16 ng

RT: 13.44 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampled :

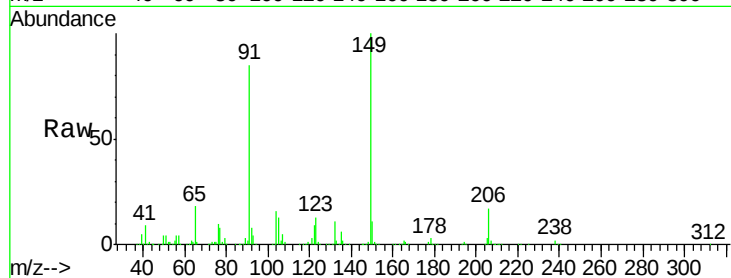
Tot Ion:149 Resp: 681896

Ion Ratio Lower Upper

149 100

91 84.7 67.7 101.5

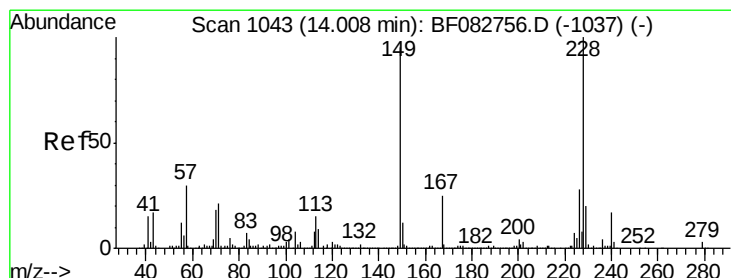
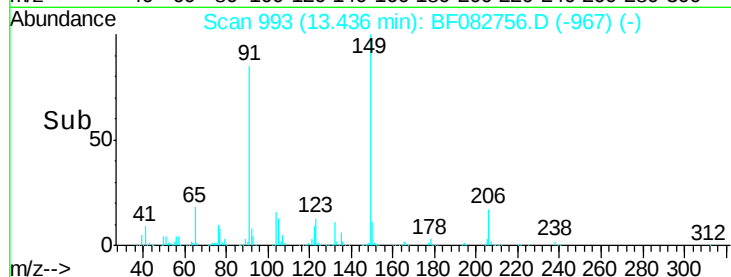
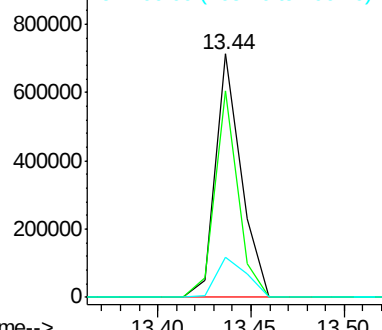
206 16.7 14.6 22.0



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: 37.19 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

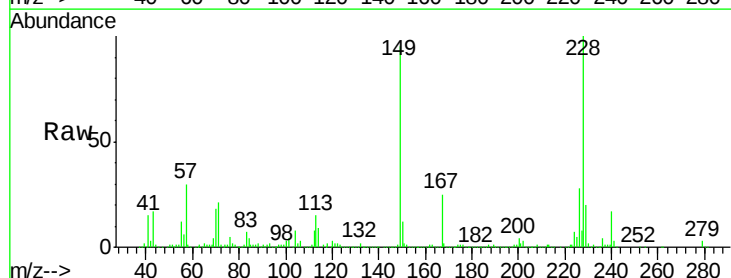
Tgt Ion:228 Resp: 1412696

Ion Ratio Lower Upper

228 100

226 28.4 23.4 35.2

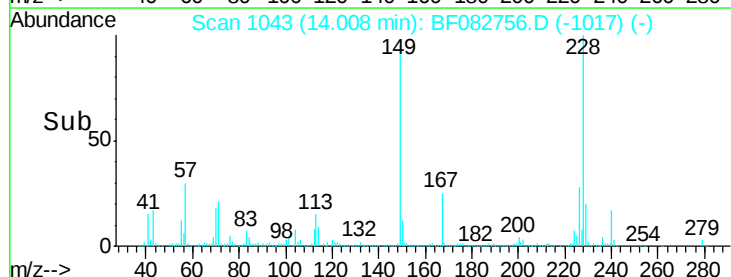
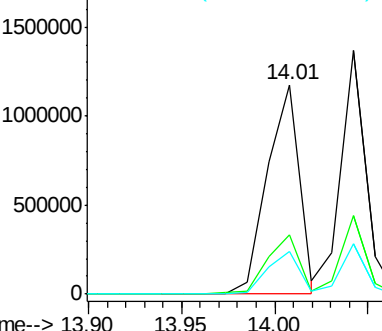
229 20.3 16.3 24.5

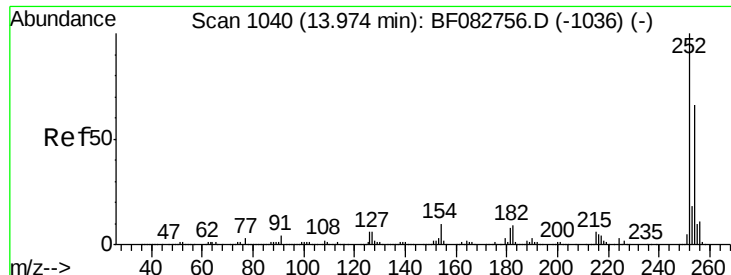


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

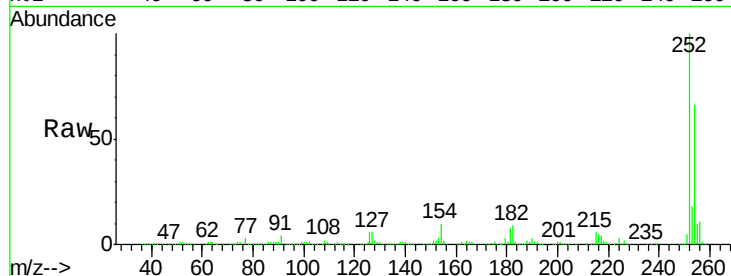




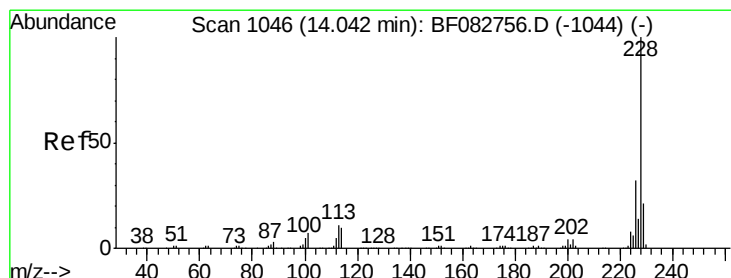
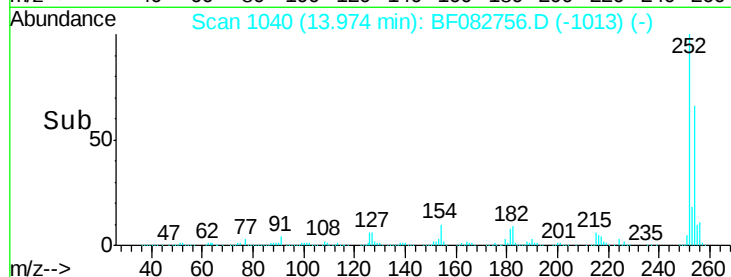
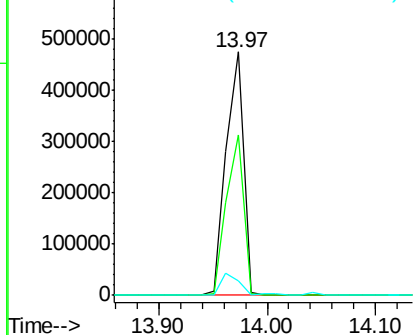
#81
 3,3'-Dichlorobenzidine
 Concen: 40.52 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 530312
 Ion Ratio Lower Upper
 252 100
 254 65.9 51.4 77.0
 126 5.8 10.7 16.1#

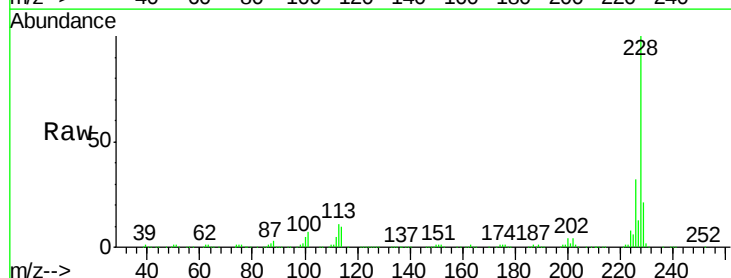


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

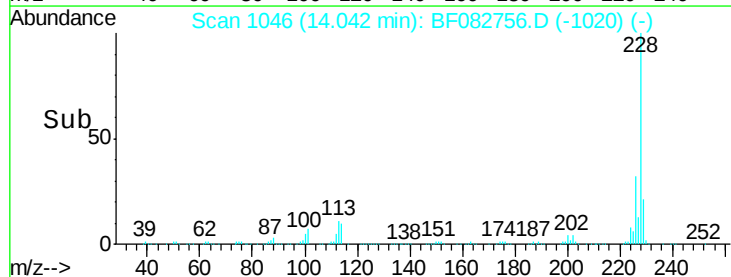
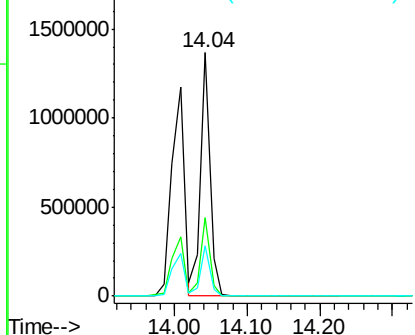


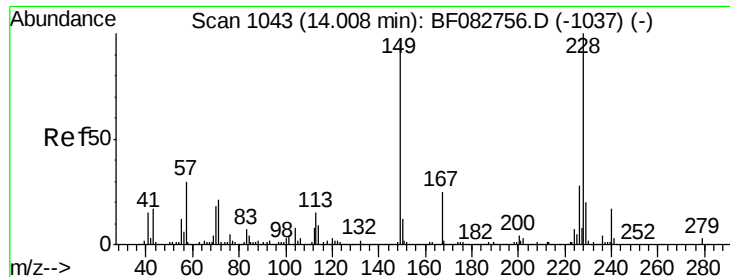
#82
 Chrysene
 Concen: 36.60 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion:228 Resp: 1260229
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.5 38.3
 229 20.8 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

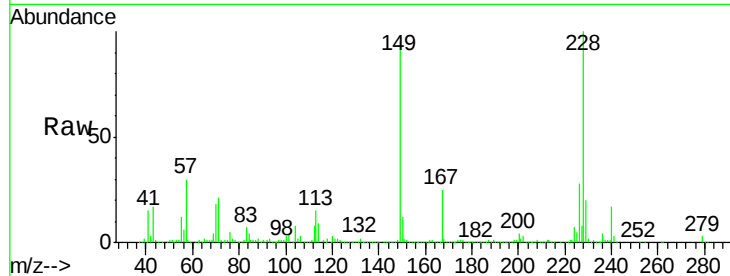




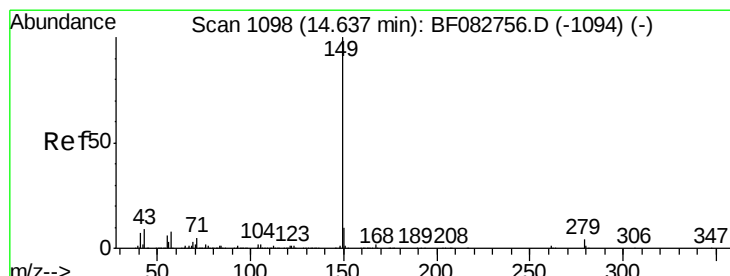
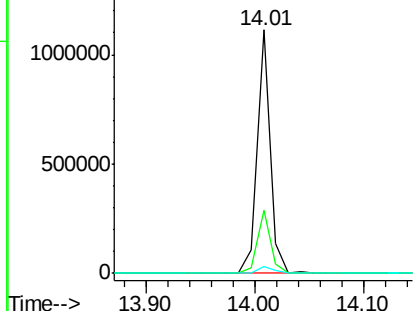
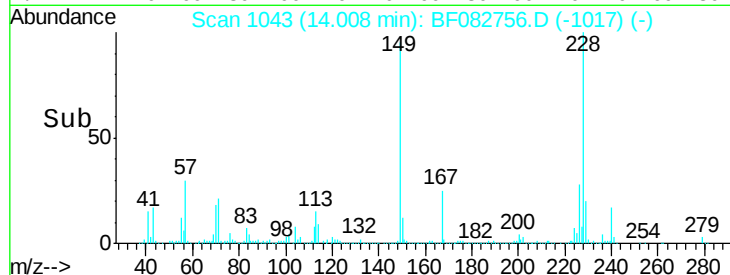
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.50 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 942800
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.2 31.8
 279 2.8 2.2 3.2

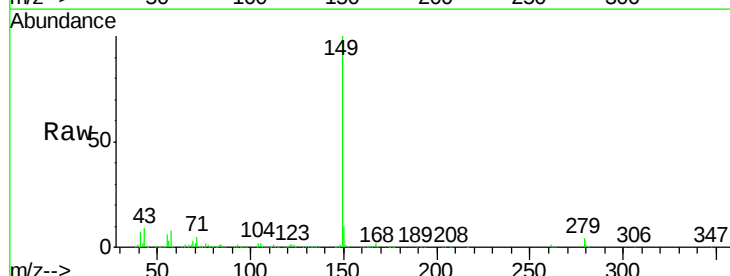


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

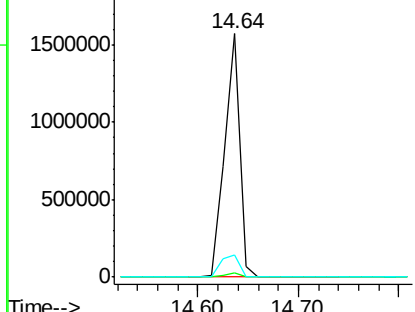
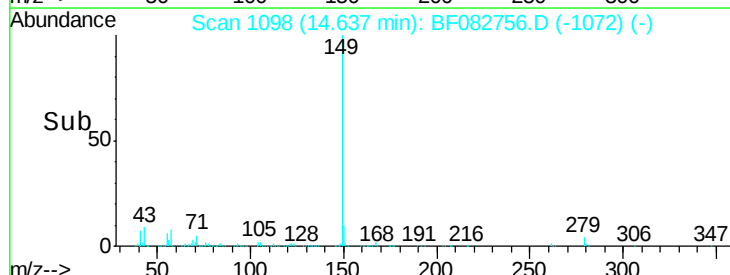


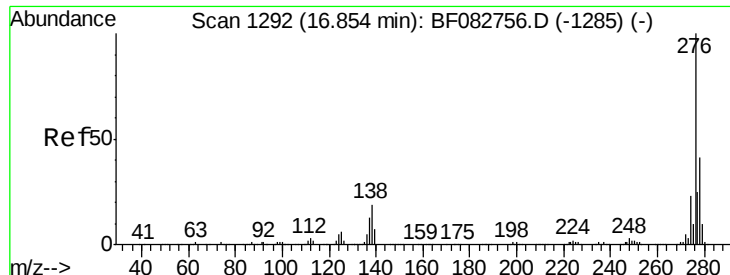
#84
 Di-n-octyl phthalate
 Concen: 41.69 ng
 RT: 14.64 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion:149 Resp: 1634826
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.2 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



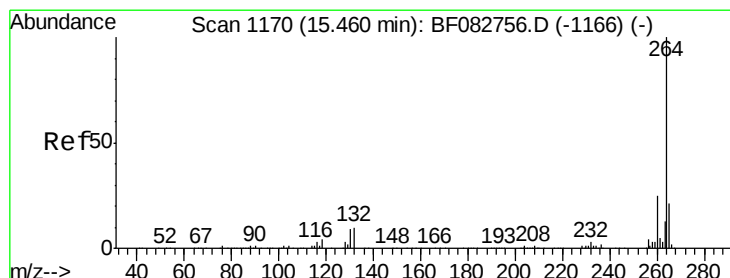
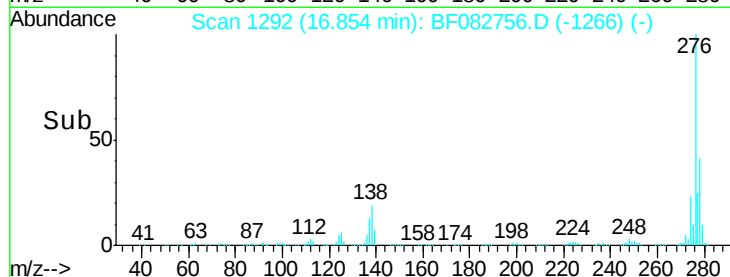
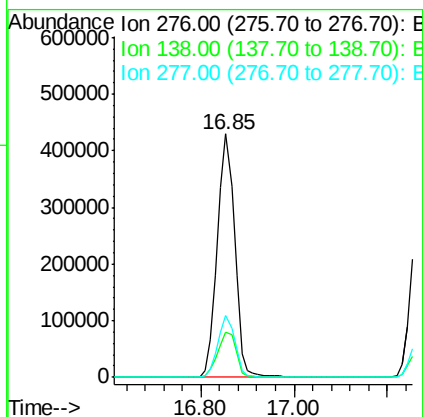
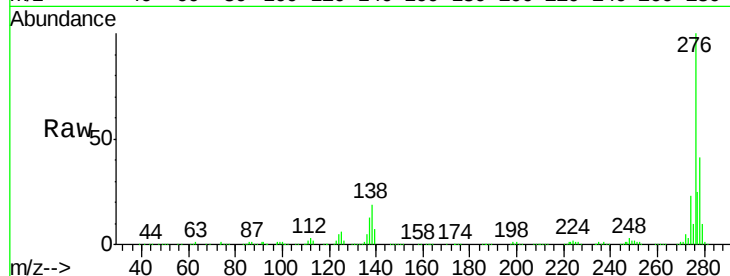


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.36 ng
 RT: 16.85 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 1118195

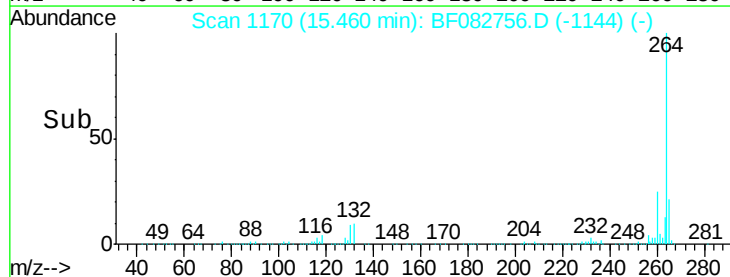
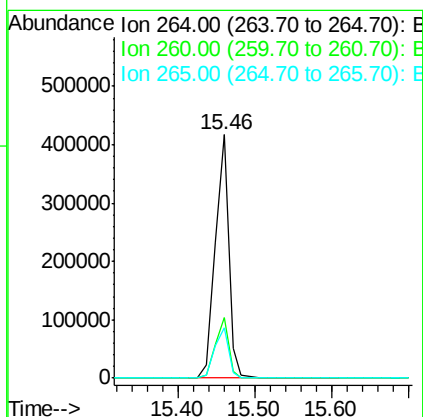
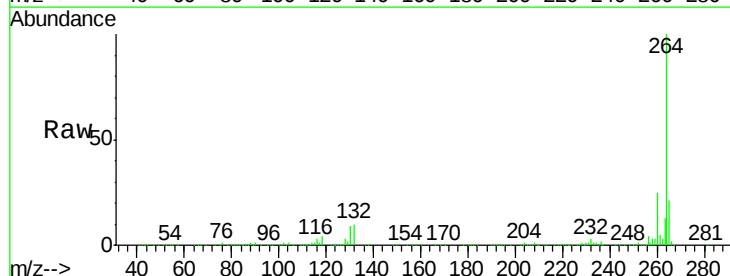
Ion	Ratio	Lower	Upper
276	100		
138	19.6	15.3	22.9
277	25.0	20.2	30.4

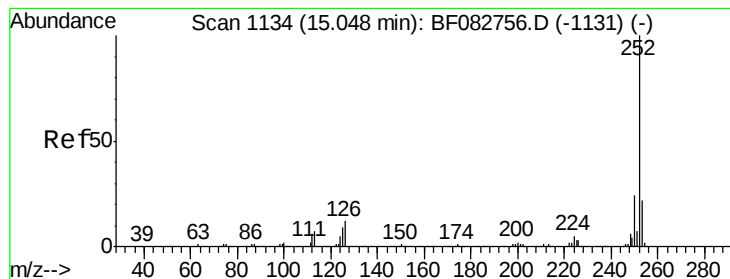


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Tgt Ion:264 Resp: 506773

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.6
265	20.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 68.66 ng

RT: 15.08 min Scan# 1137

Delta R.T. 0.03 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

Instrument :

BNA_F

ClientSampled :

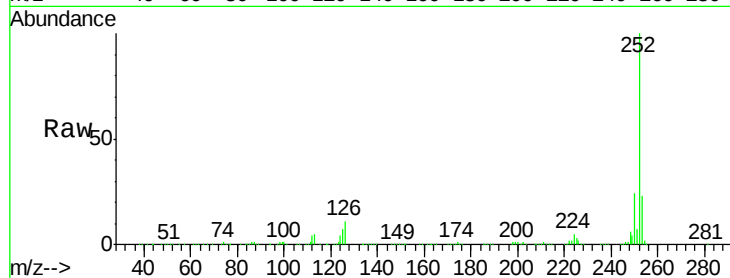
Tot Ion:252 Resp: 2399142

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

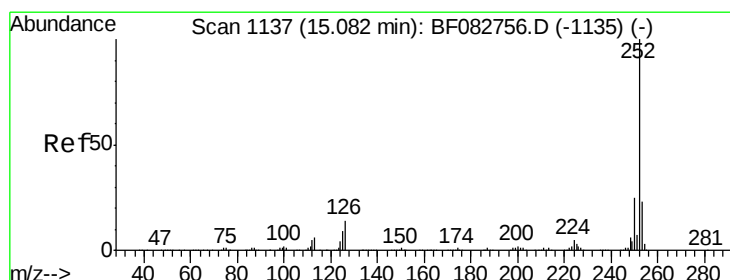
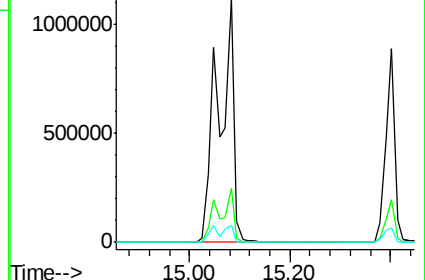
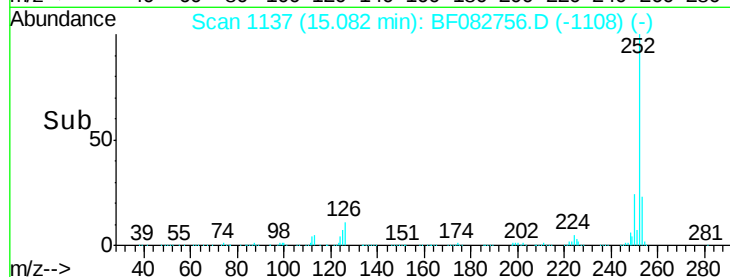
125 7.2 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 90.14 ng

RT: 15.08 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF082756.D

Acq: 6 Nov 2015 12:29

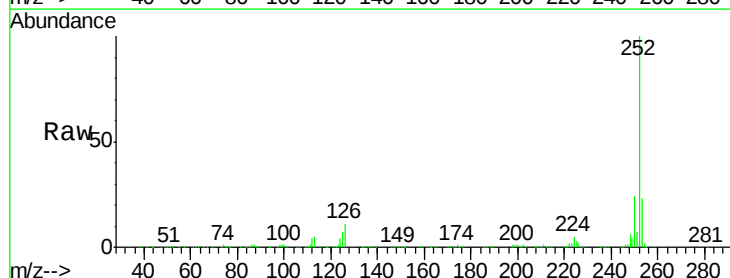
Tgt Ion:252 Resp: 2399776

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

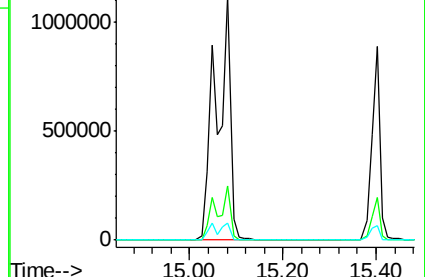
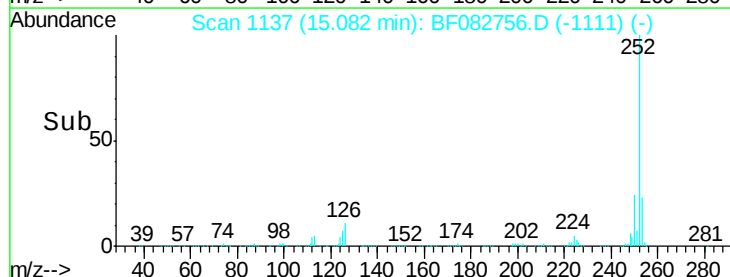
125 7.2 3.5 5.3#

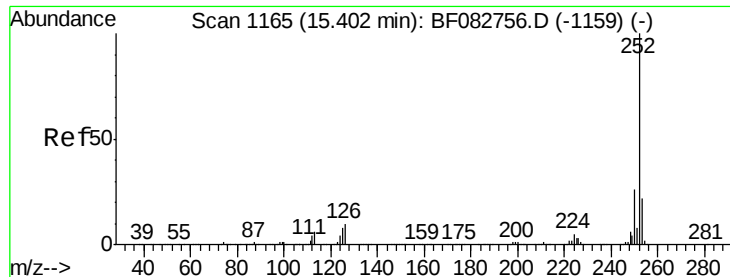


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

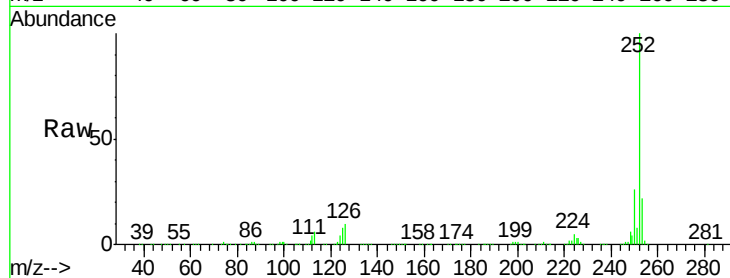




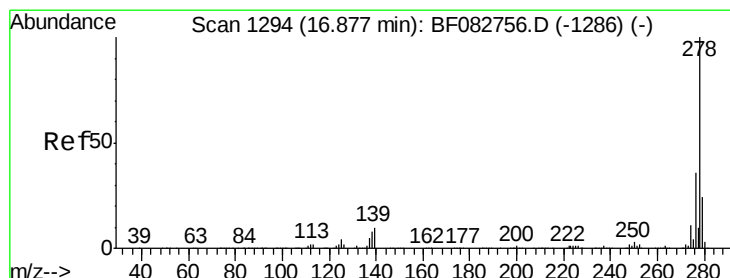
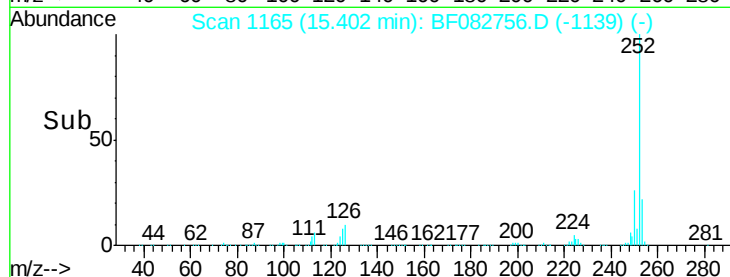
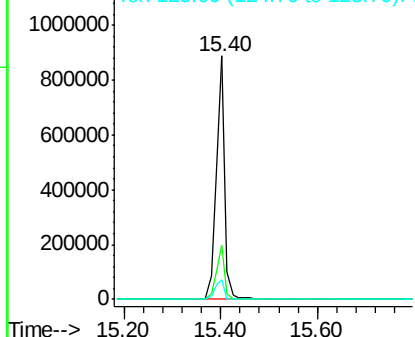
#89
Benzo(a)pyrene
Concen: 40.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1100931
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 7.8 7.1 10.7

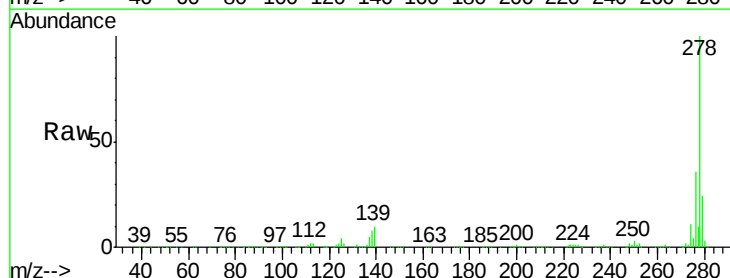


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

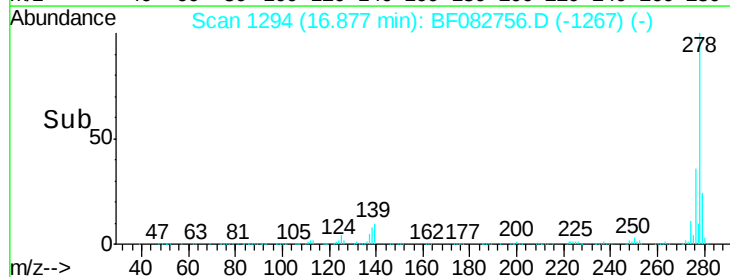
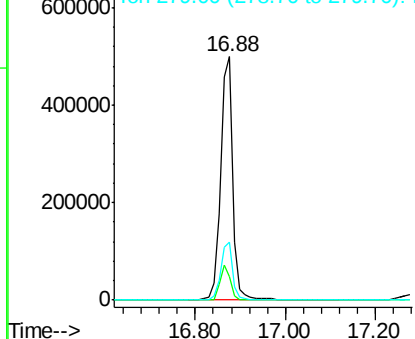


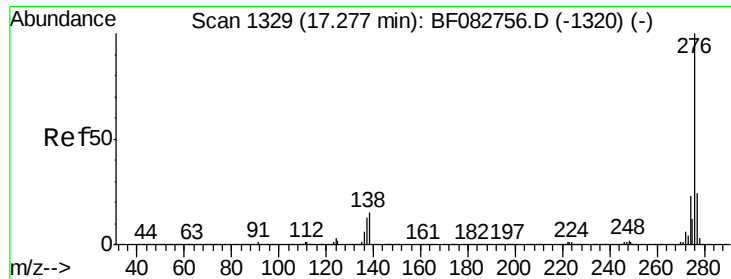
#90
Dibenzo(a,h)anthracene
Concen: 36.47 ng
RT: 16.88 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF082756.D
Acq: 6 Nov 2015 12:29

Tgt Ion:278 Resp: 936481
Ion Ratio Lower Upper
278 100
139 9.8 9.9 14.9#
279 23.7 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

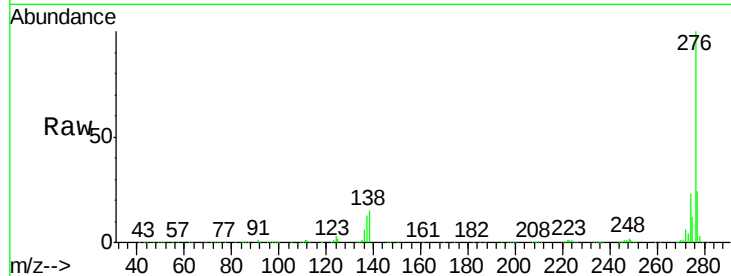




#91
 Benzo(a,h,i)perylene
 Concen: 35.14 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF082756.D
 Acq: 6 Nov 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	14.8	13.1	19.7



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

