

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082302.D
 Acq On : 15 Oct 2015 6:14
 Operator : UM/IZ
 Sample : G4015-05MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MSD

Quant Time: Oct 15 06:40:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 04:19:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	79949	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	306228	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	150115	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	246964	20.00	ng	0.00
75) Chrysene-d12	14.09	240	147512	20.00	ng	0.06
86) Perylene-d12	15.68	264	136578	20.00	ng	0.15

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	78039	19.70	ng	0.02
7) Phenol-d6	6.47	99	430509	83.51	ng	0.00
23) Nitrobenzene-d5	7.39	82	486630	106.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	5606	3.98	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1010428	111.63	ng	0.00
78) Terphenyl-d14	12.97	244	660935	118.73	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	69824	35.08	ng	96
3) Pyridine	3.13	79	187825	40.57	ng	98
4) n-Nitrosodimethylamine	3.10	42	90294	45.99	ng	96
6) Aniline	6.48	93	146614	22.06	ng	# 11
8) 2-Chlorophenol	6.61	128	52513	10.86	ng	87
9) Benzaldehyde	6.37	77	102190	38.82	ng	90
10) Phenol	6.48	94	175821	29.58	ng	87
11) bis(2-Chloroethyl)ether	6.56	93	217662	43.31	ng	94
12) 1,3-Dichlorobenzene	6.99	146	248294	44.09	ng	98
13) 1,4-Dichlorobenzene	6.85	146	272243	46.29	ng	97
14) 1,2-Dichlorobenzene	6.99	146	257152	46.05	ng	97
15) Benzyl Alcohol	6.97	79	176782	49.68	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	330532	47.22	ng	96
17) 2-Methylphenol	7.10	107	145729	38.11	ng	# 94
18) Hexachloroethane	7.34	117	92997	46.19	ng	# 89
19) n-Nitroso-di-n-propylamine	7.25	70	150919	41.69	ng	# 86
20) 3+4-Methylphenols	7.25	107	160171	35.15	ng	# 75
22) Acetophenone	7.25	105	312331	51.56	ng	# 86
24) Nitrobenzene	7.42	77	243188	49.27	ng	96
25) Isophorone	7.66	82	461310	50.12	ng	# 94
26) 2-Nitrophenol	7.74	139	6721	2.73	ng	96
27) 2,4-Dimethylphenol	7.77	122	139823	35.21	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	260482	48.64	ng	100
29) 2,4-Dichlorophenol	7.98	162	24439	6.16	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	226428	49.49	ng	98
31) Naphthalene	8.14	128	655158	49.35	ng	100
32) Benzoic acid	7.77	122	139823	52.47	ng	# 16
33) 4-Chloroaniline	8.19	127	146168	26.51	ng	94
34) Hexachlorobutadiene	8.25	225	145455	51.02	ng	98
35) Caprolactam	8.54	113	53698	46.61	ng	# 78
36) 4-Chloro-3-methylphenol	8.69	107	100505	25.89	ng	89
37) 2-Methylnaphthalene	8.83	142	465738	50.61	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	207412	46.45	ng	99
40) Hexachlorocyclopentadiene	8.98	237	156408	70.35	ng	100

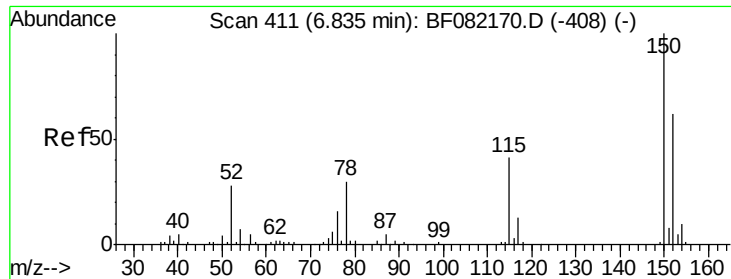
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082302.D
 Acq On : 15 Oct 2015 6:14
 Operator : UM/IZ
 Sample : G4015-05MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MSD

Quant Time: Oct 15 06:40:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 04:19:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.29	154	521773	45.58	nq	99
46) 2-Chloronaphthalene	9.33	162	443197	49.18	nq	99
47) 2-Nitroaniline	9.43	65	131574	53.18	nq	# 62
48) Acenaphthylene	9.74	152	681928	48.58	nq	100
49) Dimethylphthalate	9.60	163	589447	55.76	nq	100
50) 2,6-Dinitrotoluene	9.67	165	114562	51.36	nq	92
51) Acenaphthene	9.91	154	378753	44.94	nq	100
52) 3-Nitroaniline	9.84	138	104524	41.49	nq	99
54) Dibenzofuran	10.08	168	599988	51.86	nq	98
55) 4-Nitrophenol	10.08	139	236148	115.03	nq	# 13
56) 2,4-Dinitrotoluene	10.07	165	147290	52.83	nq	94
57) Fluorene	10.42	166	445842	46.92	nq	99
59) Diethylphthalate	10.30	149	504028	51.15	nq	100
60) 4-Chlorophenyl-phenylether	10.42	204	216906	49.83	nq	# 79
61) 4-Nitroaniline	10.45	138	114698	46.94	nq	93
62) Azobenzene	10.57	77	464588	48.18	nq	98
65) n-Nitrosodiphenylamine	10.54	169	412797	55.83	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	135083	54.65	nq	# 79
67) Hexachlorobenzene	10.97	284	145044	54.26	nq	# 80
68) Atrazine	11.07	200	153878	65.69	nq	97
70) Phenanthrene	11.39	178	662622	54.74	nq	100
71) Anthracene	11.44	178	649646	52.08	nq	99
72) Carbazole	11.60	167	543888	47.80	nq	99
73) Di-n-butylphthalate	11.93	149	695503	49.55	nq	100
74) Fluoranthene	12.59	202	546466	42.03	nq	97
76) Benzidine	12.72	184	142938	33.44	nq	# 94
77) Pyrene	12.82	202	543463	62.08	nq	99
79) Butylbenzylphthalate	13.46	149	204304	51.14	nq	96
80) Benzo(a)anthracene	14.08	228	420405	54.78	nq	99
81) 3,3'-Dichlorobenzidine	14.05	252	88693	30.44	nq	# 96
82) Chrysene	14.12	228	373788	46.22	nq	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	273419	47.97	nq	99
84) Di-n-octyl phthalate	14.77	149	439651	44.92	nq	# 78
85) Indeno(1,2,3-cd)pyrene	17.17	276	470655	73.22	nq	98
87) Benzo(b)fluoranthene	15.27	252	743457	89.47	nq	# 88
88) Benzo(k)fluoranthene	15.27	252	743457	106.45	nq	# 87
89) Benzo(a)pyrene	15.61	252	355701	49.81	nq	# 83
90) Dibenzo(a,h)anthracene	17.19	278	400424	68.42	nq	96
91) Benzo(g,h,i)perylene	17.61	276	404669	71.18	nq	98

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

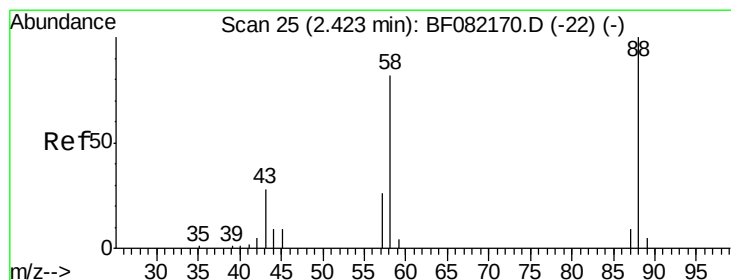
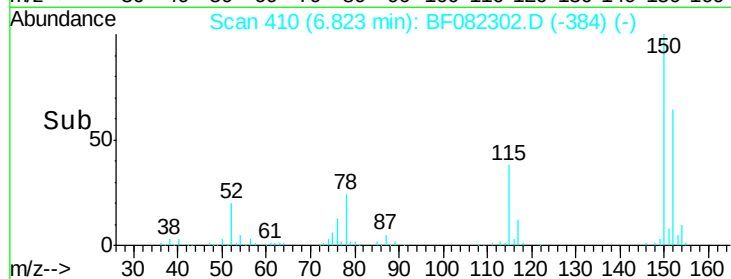
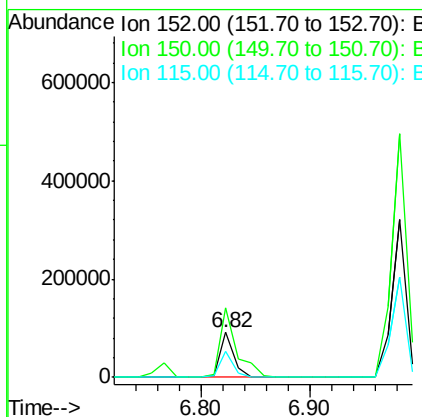
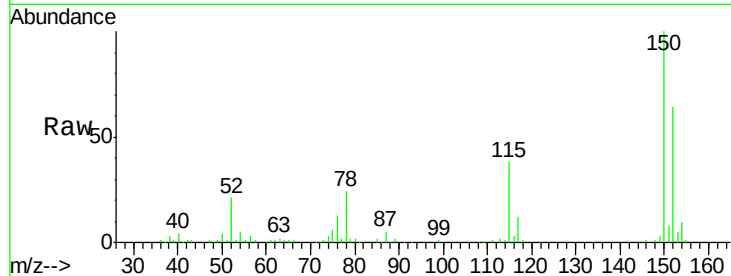


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

Instrument :
BNA_F
ClientSampleId :
LF-1MSD

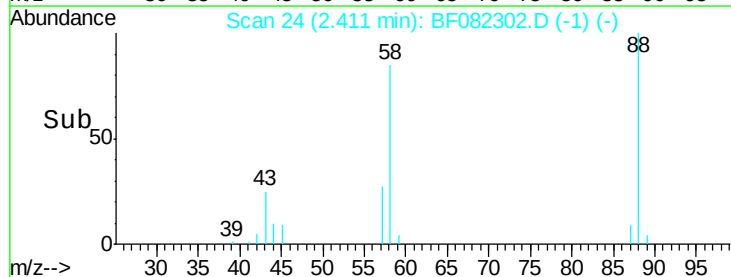
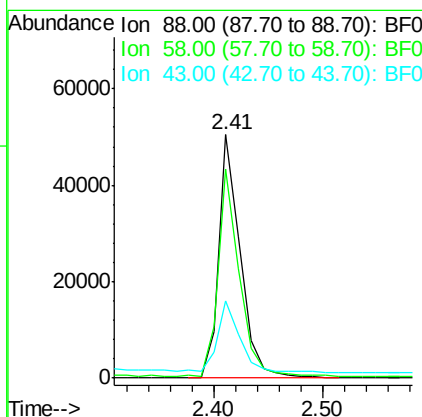
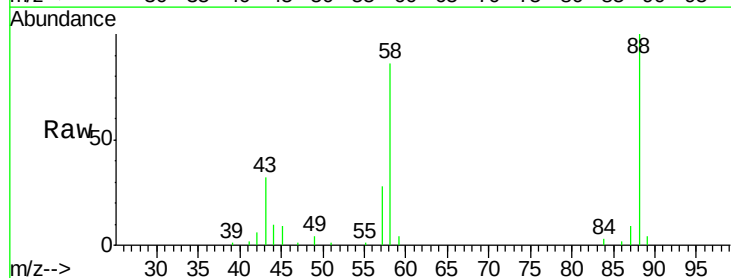
Tot Ion:152 Resp: 79949
Ion Ratio Lower Upper
152 100
150 156.9 129.0 193.4
115 59.0 52.1 78.1

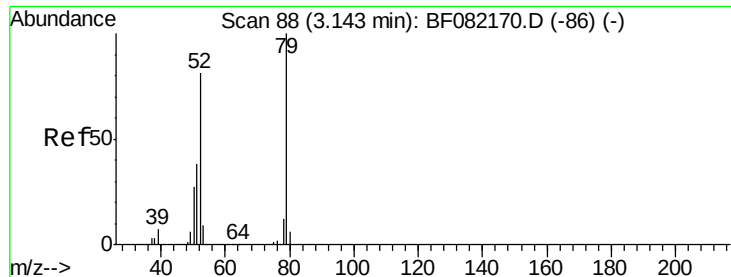


#2

1,4-Dioxane
Concen: 35.08 ng
RT: 2.41 min Scan# 24
Delta R.T. 0.06 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

Tgt Ion: 88 Resp: 69824
Ion Ratio Lower Upper
88 100
58 84.6 66.2 99.4
43 33.6 23.0 34.4





#3

Pvridine

Concen: 40.57 ng

RT: 3.13 min Scan# 87

Delta R.T. 0.06 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

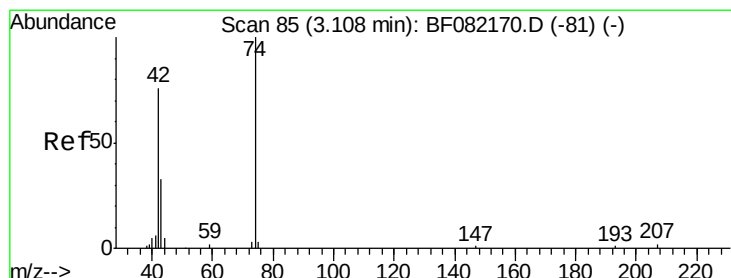
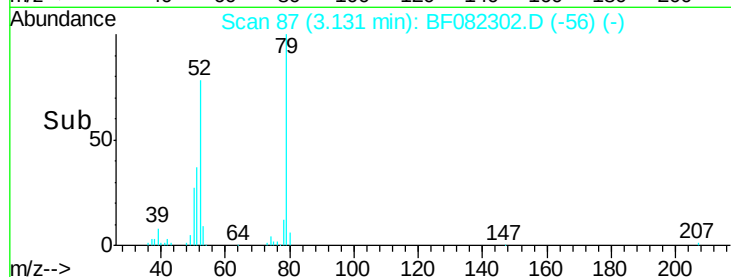
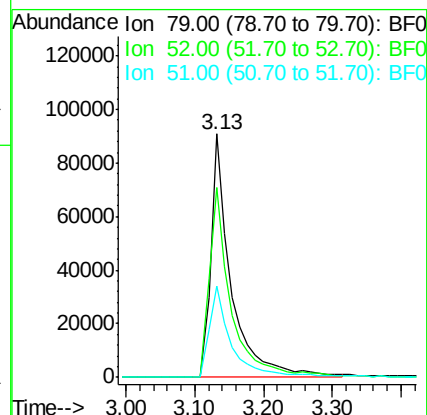
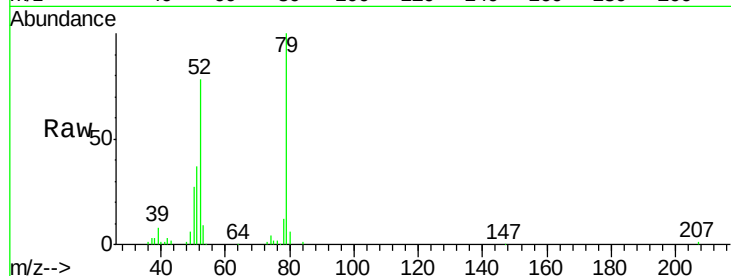
Tot Ion: 79 Resp: 187825

Ion Ratio Lower Upper

79 100

52 77.9 64.4 96.6

51 37.4 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 45.99 ng

RT: 3.10 min Scan# 84

Delta R.T. 0.05 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

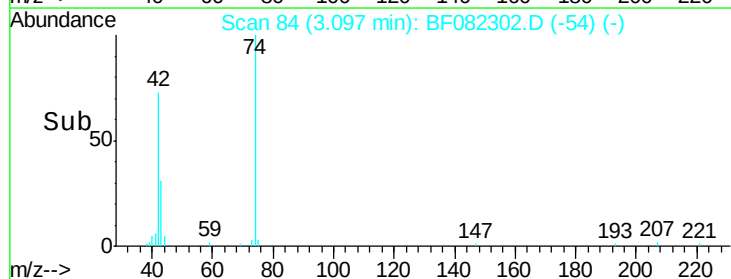
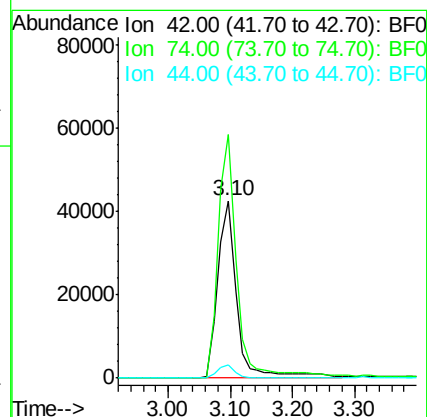
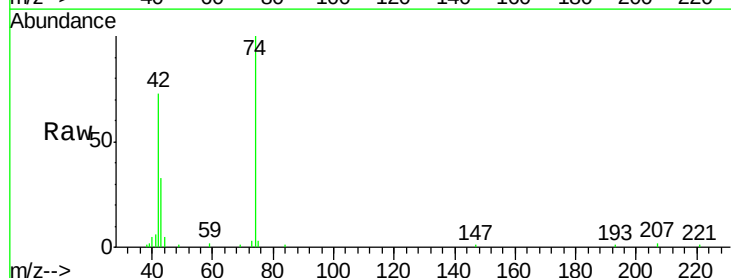
Tgt Ion: 42 Resp: 90294

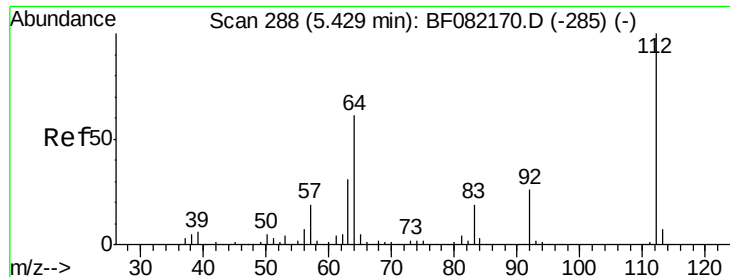
Ion Ratio Lower Upper

42 100

74 137.4 105.7 158.5

44 7.2 5.4 8.2





#5

2-Fluorophenol

Concen: 19.70 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.02 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

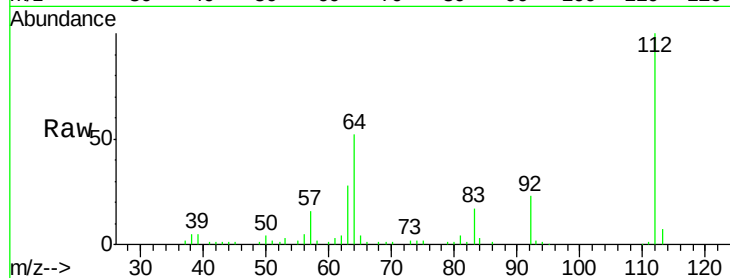
Tot Ion:112 Resp: 78039

Ion Ratio Lower Upper

112 100

64 51.7 48.6 73.0

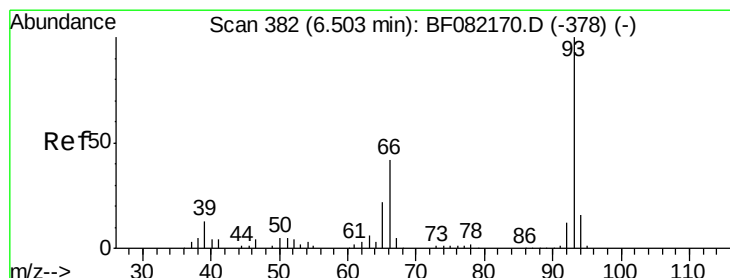
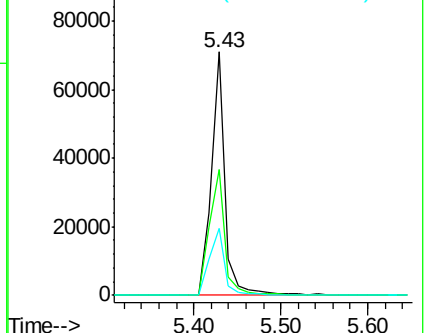
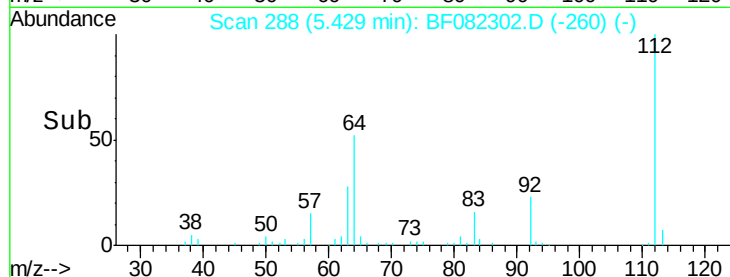
63 27.7 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.06 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

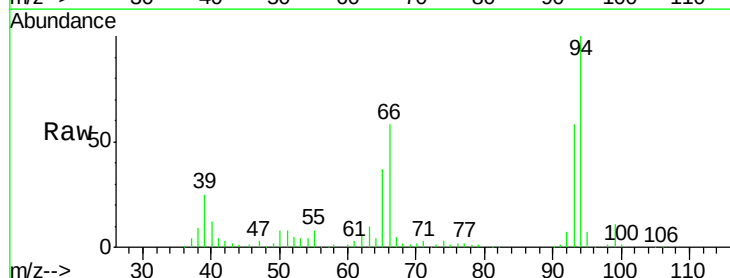
Tgt Ion: 93 Resp: 146614

Ion Ratio Lower Upper

93 100

66 99.5 34.2 51.2#

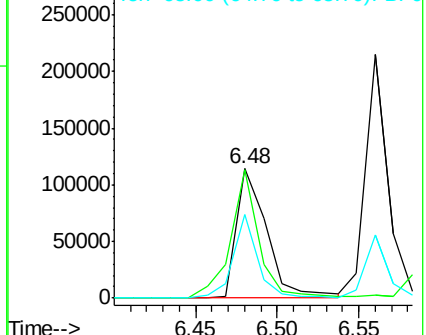
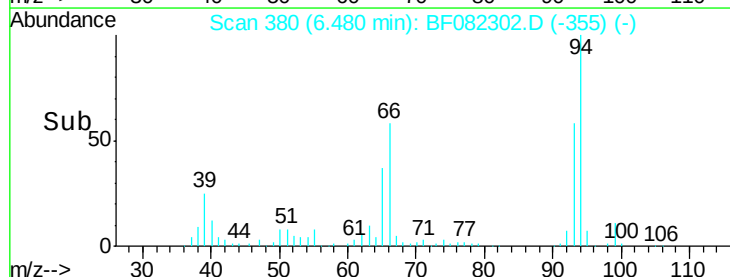
65 64.6 17.9 26.9#

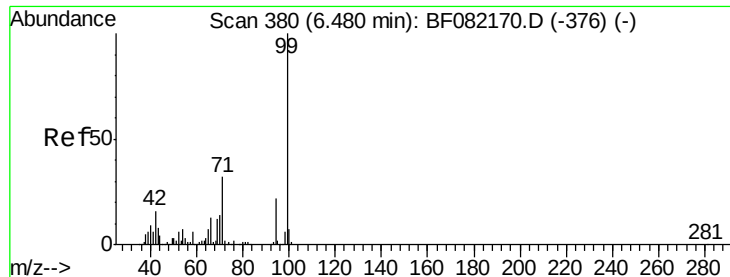


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.51 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

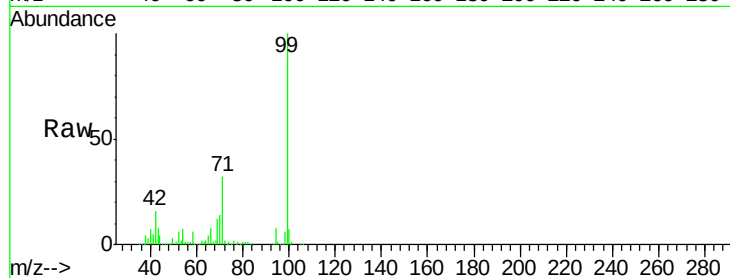
Tot Ion: 99 Resp: 430509

Ion Ratio Lower Upper

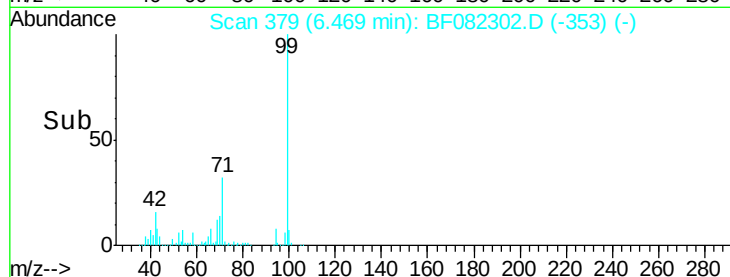
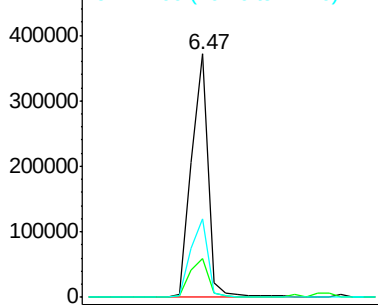
99 100

42 15.7 13.2 19.8

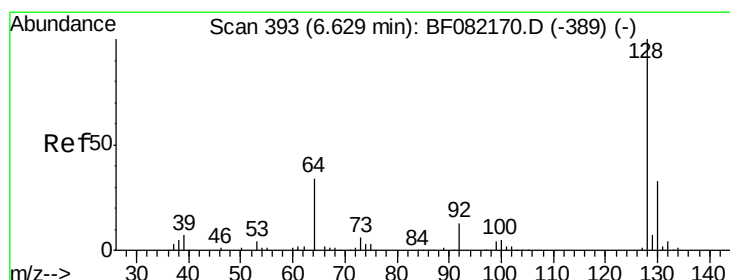
71 32.2 25.6 38.4



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



Time-->



#8

2-Chlorophenol

Concen: 10.86 ng

RT: 6.61 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

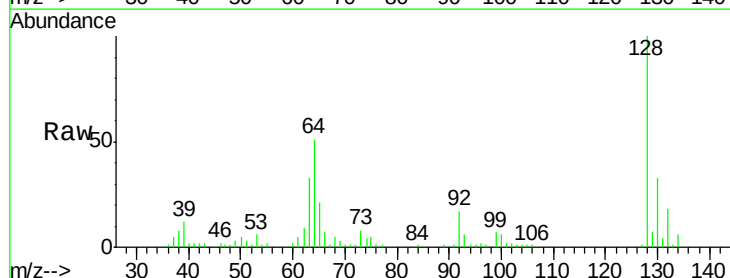
Tgt Ion: 128 Resp: 52513

Ion Ratio Lower Upper

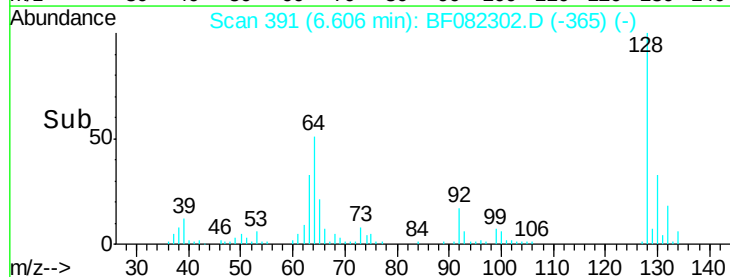
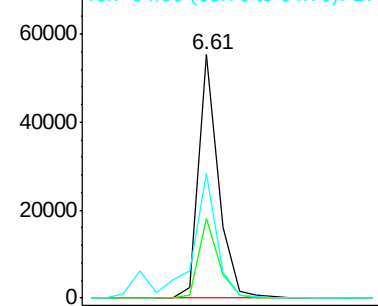
128 100

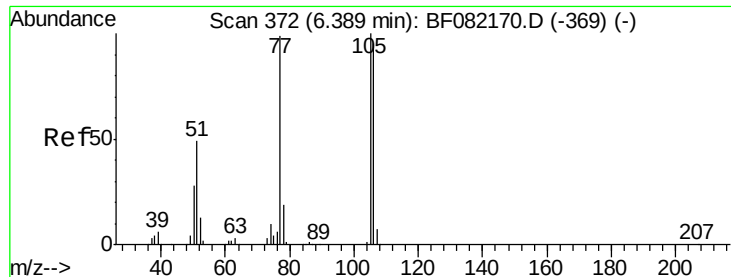
130 32.6 12.6 52.6

64 51.3 16.7 56.7



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: 38.82 ng

RT: 6.37 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

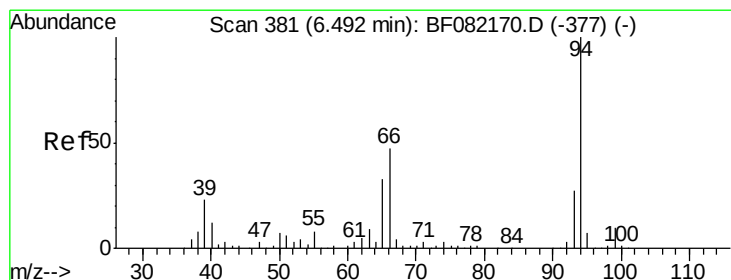
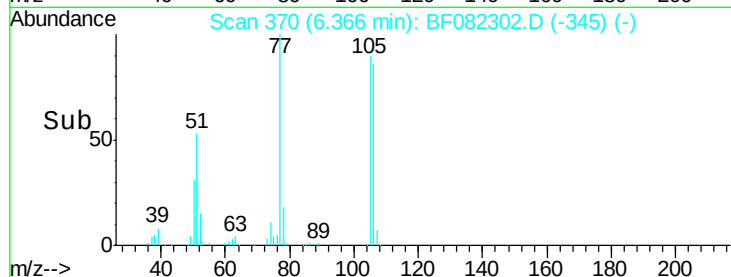
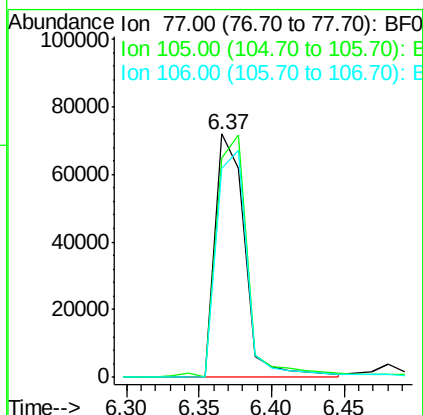
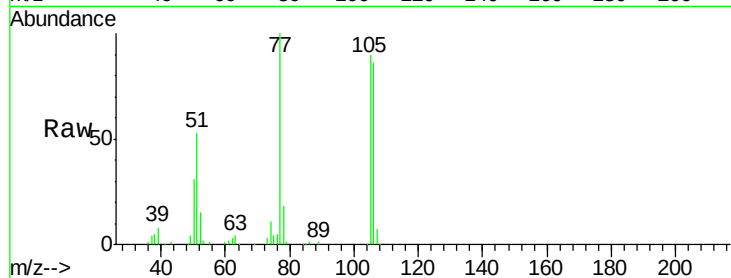
Tot Ion: 77 Resp: 102190

Ion Ratio Lower Upper

77 100

105 89.8 80.6 120.6

106 85.8 75.5 115.5



#10

Phenol

Concen: 29.58 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

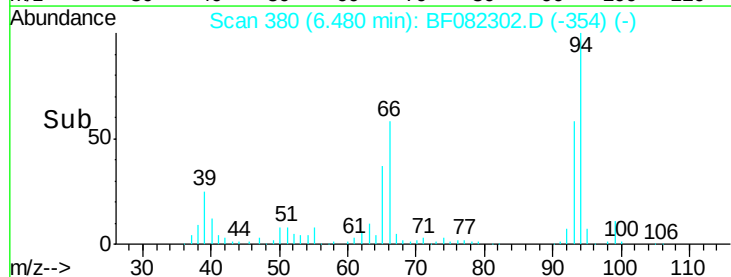
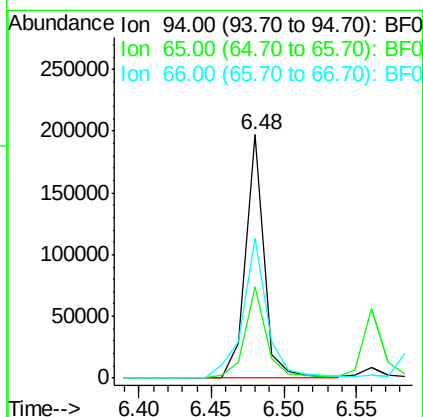
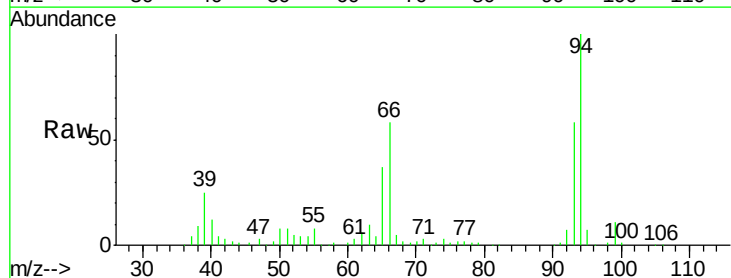
Tgt Ion: 94 Resp: 175821

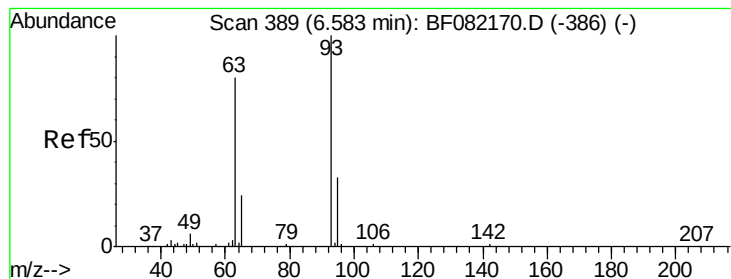
Ion Ratio Lower Upper

94 100

65 37.4 12.6 52.6

66 57.6 27.3 67.3

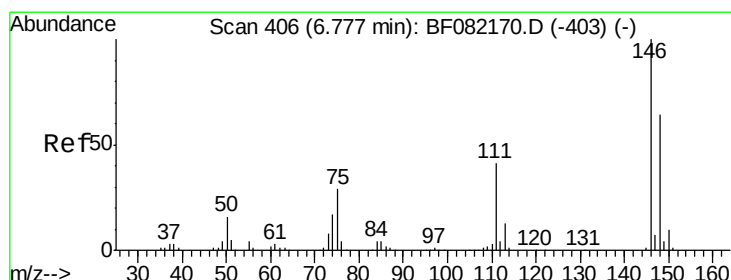
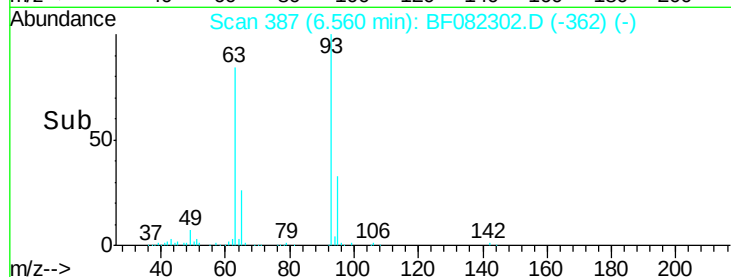
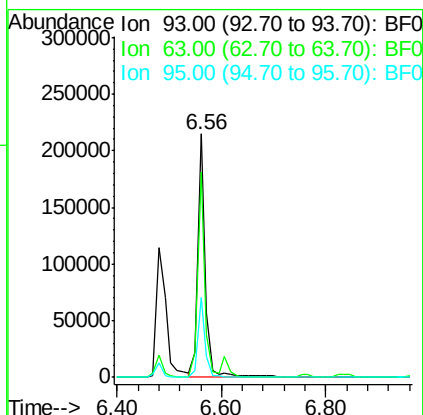
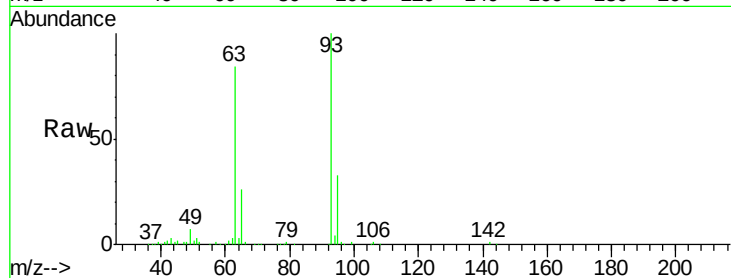




#11
bis(2-Chloroethyl)ether
Concen: 43.31 ng
RT: 6.56 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

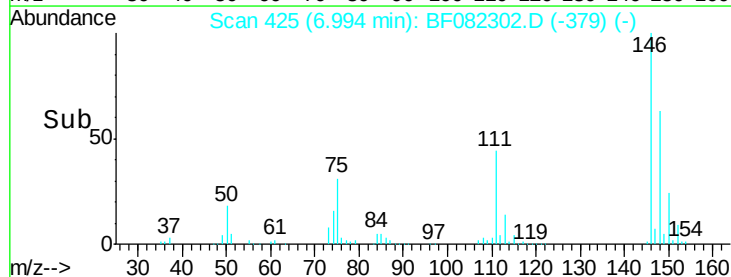
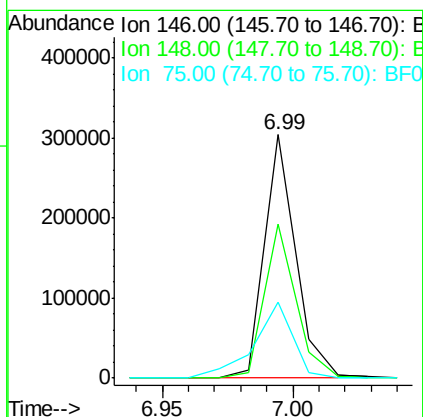
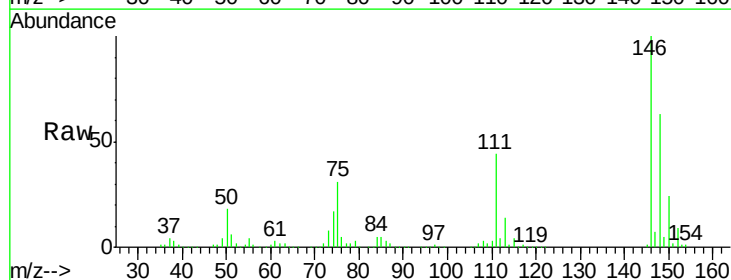
Instrument :
BNA_F
ClientSampleId :
LF-1MSD

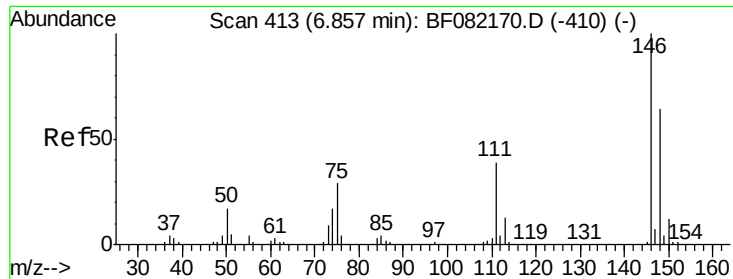
Tot Ion: 93 Resp: 217662
Ion Ratio Lower Upper
93 100
63 84.2 57.1 97.1
95 32.7 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 44.09 ng
RT: 6.99 min Scan# 425
Delta R.T. 0.23 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

Tgt Ion: 146 Resp: 248294
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
75 31.3 23.0 34.6

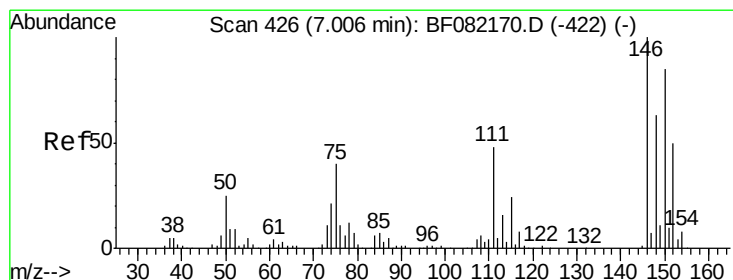
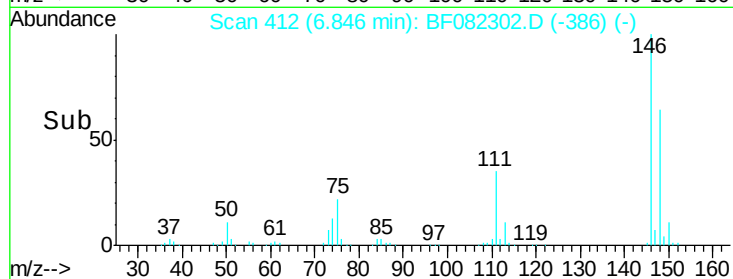
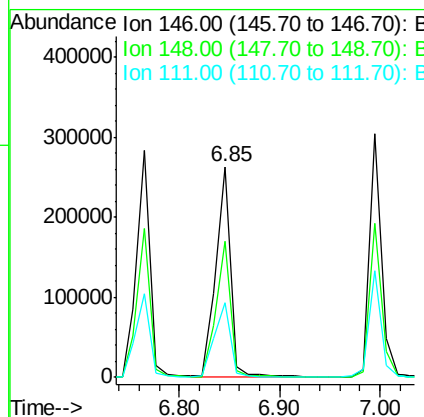
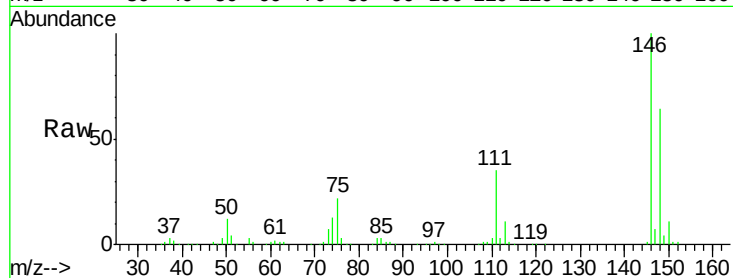




#13
 1,4-Dichlorobenzene
 Concen: 46.29 ng
 RT: 6.85 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 6:14

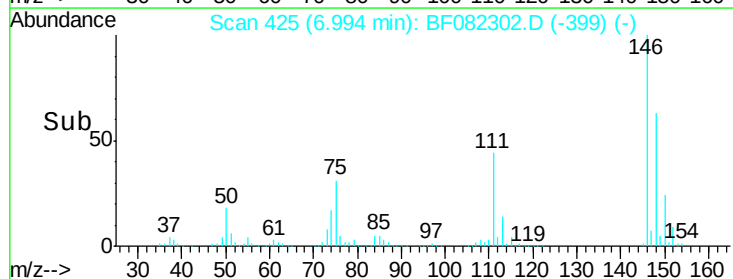
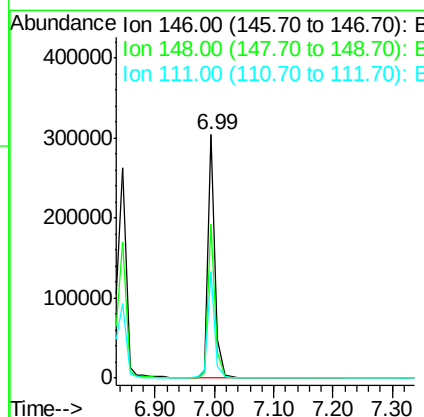
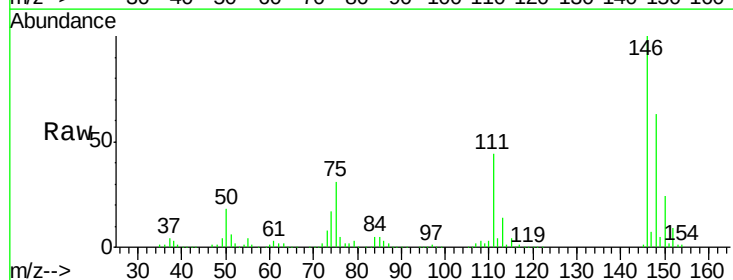
Instrument :
 BNA_F
 ClientSampleId :
 LF-1MSD

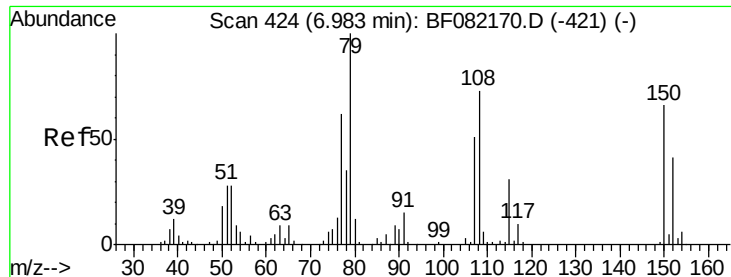
Tot Ion:146 Resp: 272243
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.0 76.4
 111 35.2 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 46.05 ng
 RT: 6.99 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 6:14

Tgt Ion:146 Resp: 257152
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.5 75.7
 111 43.9 38.5 57.7

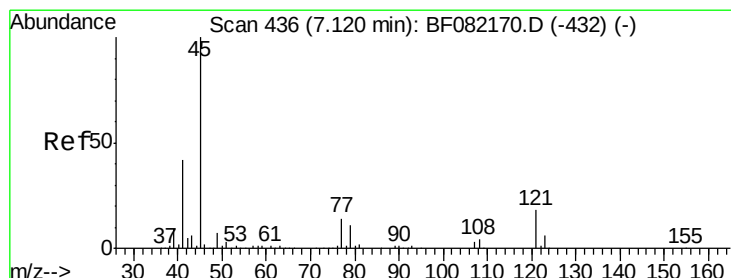
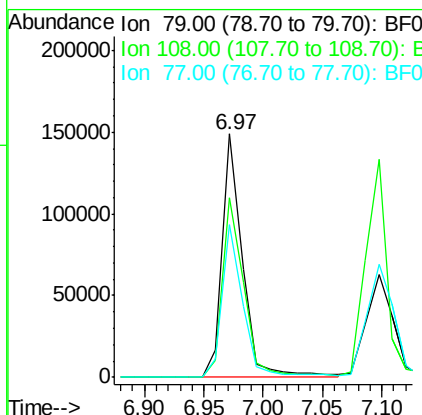
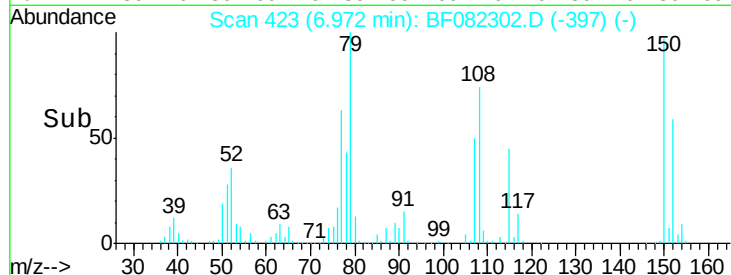
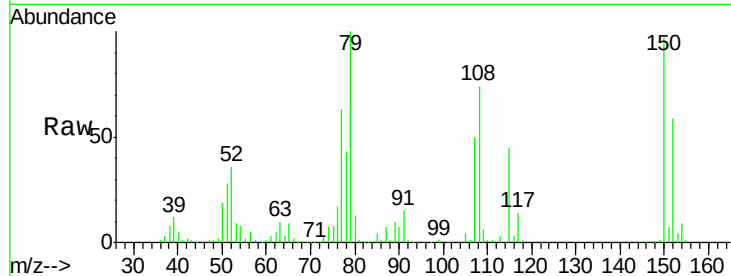




#15
Benzyl Alcohol
Concen: 49.68 ng
RT: 6.97 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

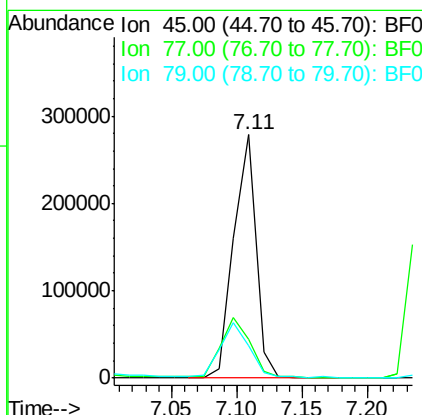
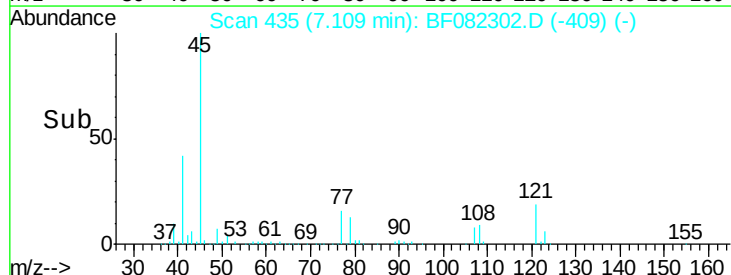
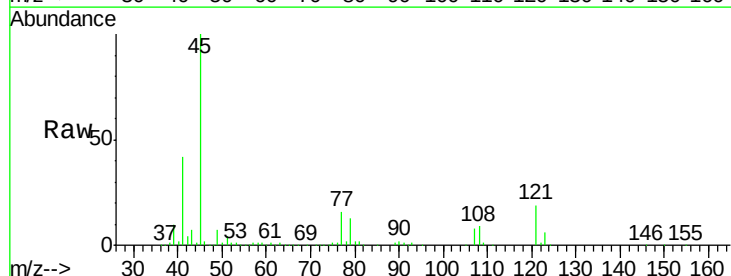
Instrument :
BNA_F
ClientSampleId :
LF-1MSD

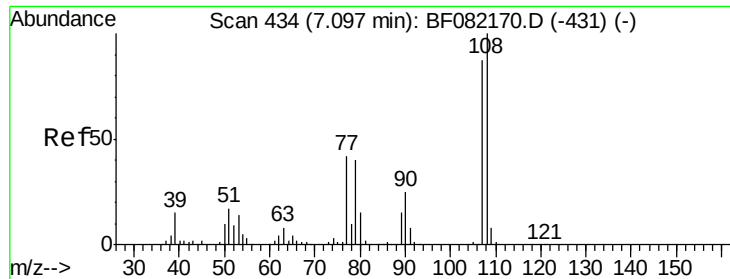
Tot Ion: 79 Resp: 176782
Ion Ratio Lower Upper
79 100
108 73.9 58.4 87.6
77 62.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.22 ng
RT: 7.11 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

Tgt Ion: 45 Resp: 330532
Ion Ratio Lower Upper
45 100
77 16.2 0.0 34.5
79 13.5 0.0 31.6





#17

2-Methylphenol

Concen: 38.11 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

Tot Ion:107 Resp: 145729

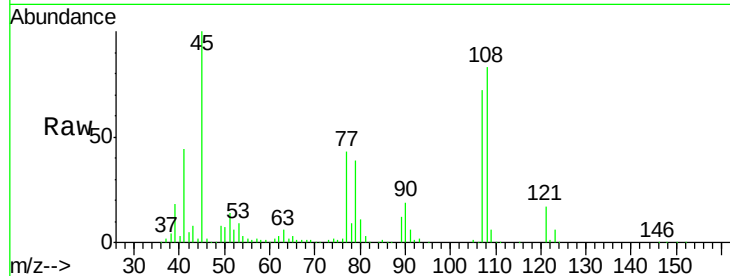
Ion Ratio Lower Upper

107 100

108 115.5 92.2 138.2

77 59.5 39.6 59.4#

79 54.4 38.2 57.4

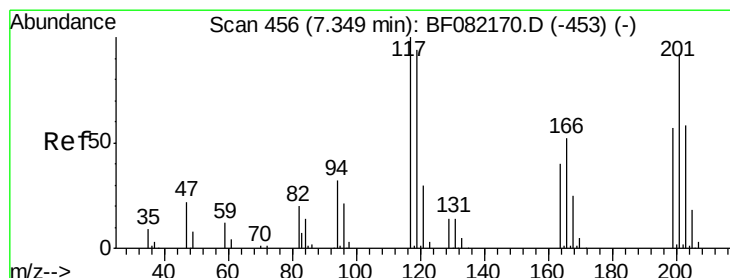
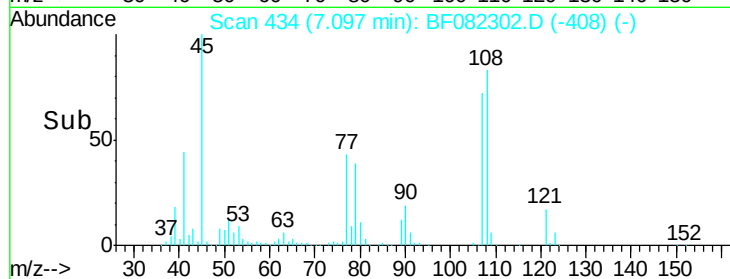
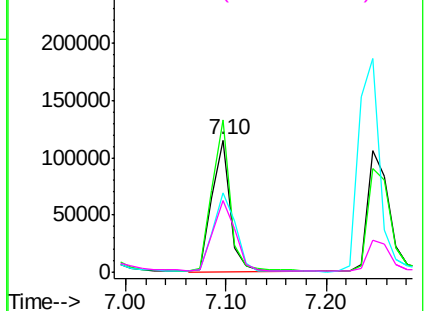


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 46.19 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

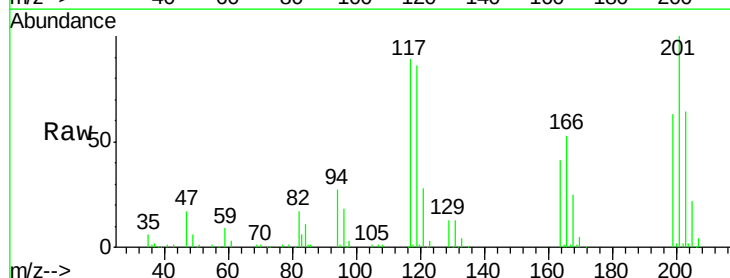
Tgt Ion:117 Resp: 92997

Ion Ratio Lower Upper

117 100

119 96.4 75.4 113.2

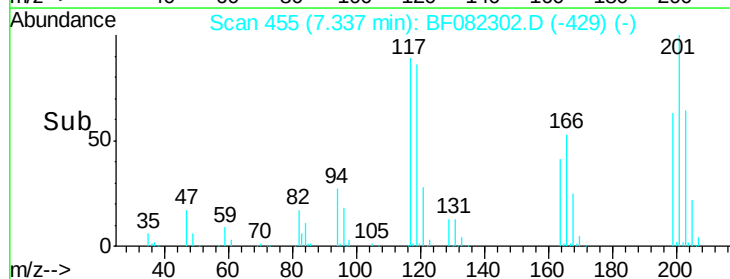
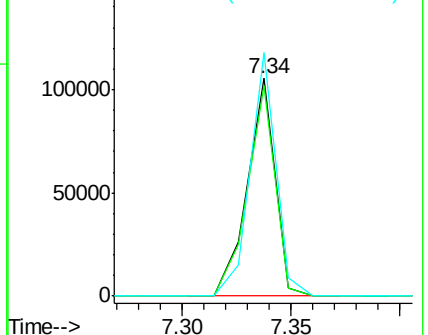
201 111.7 73.4 110.0#

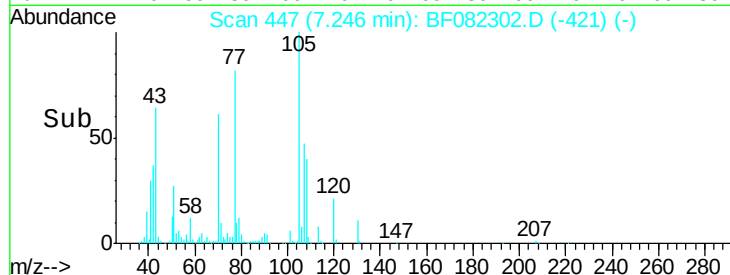
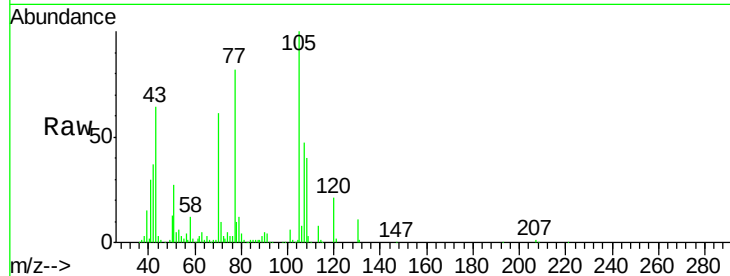
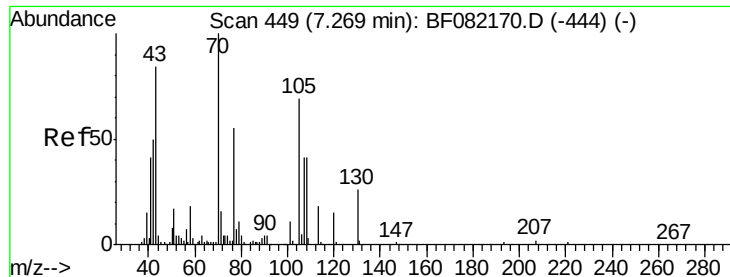


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

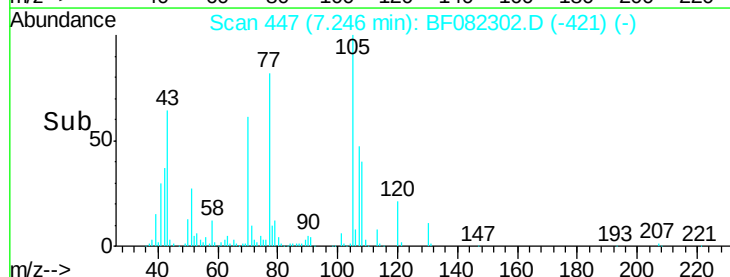
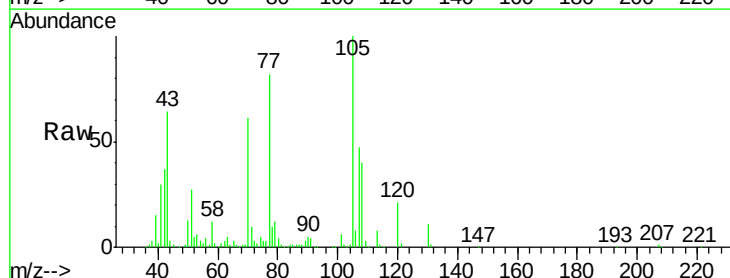
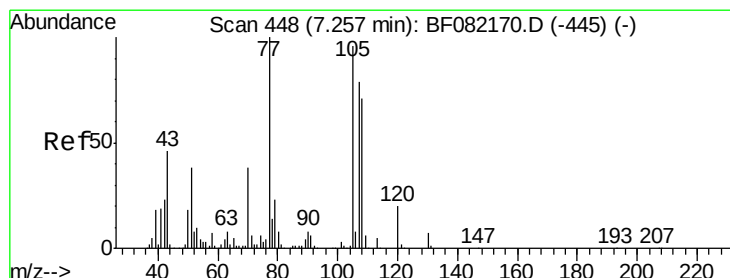
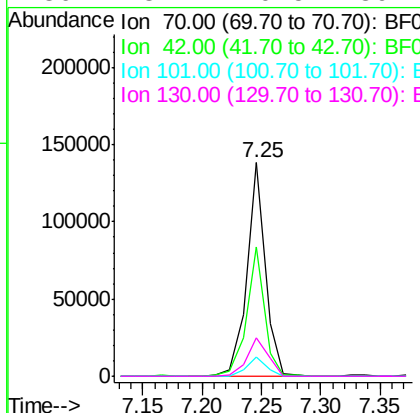




#19
n-Nitroso-di-n-propylamine
Concen: 41.69 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

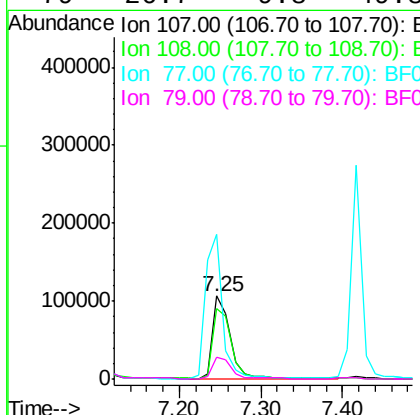
Instrument :
BNA_F
ClientSampleId :
LF-1MSD

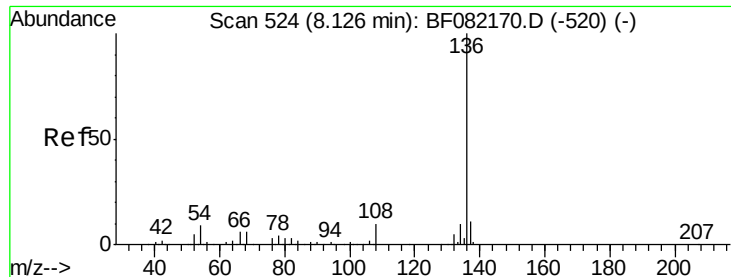
Tot Ion: 70 Resp: 150919
Ion Ratio Lower Upper
70 100
42 60.4 39.8 59.8#
101 9.1 8.6 13.0
130 18.1 20.5 30.7#



#20
3+4-Methylphenols
Concen: 35.15 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

Tgt Ion: 107 Resp: 160171
Ion Ratio Lower Upper
107 100
108 85.3 69.9 109.9
77 175.1 106.0 146.0#
79 26.7 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampled :

LF-1MSD

Tot Ion:136 Resp: 306228

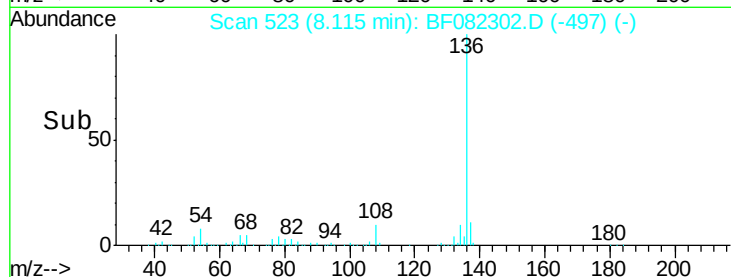
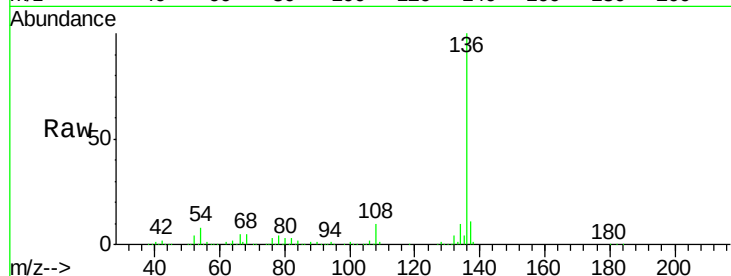
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 8.2 7.5 11.3

68 5.3 4.6 7.0

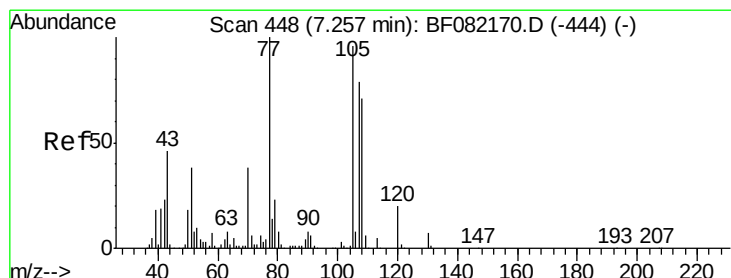
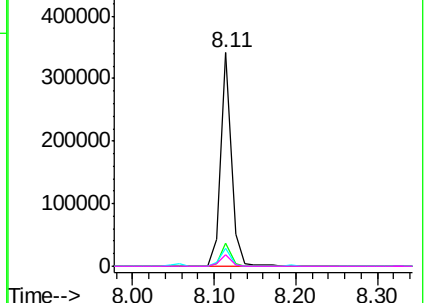


Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.56 ng

RT: 7.25 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Tgt Ion:105 Resp: 312331

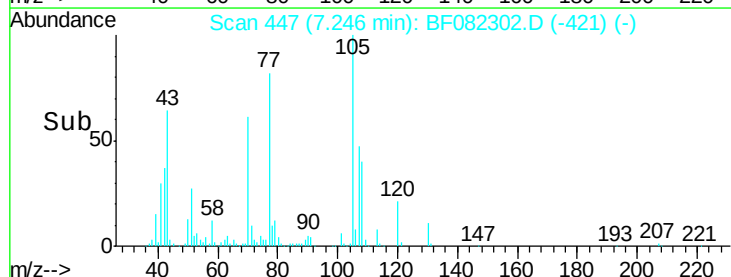
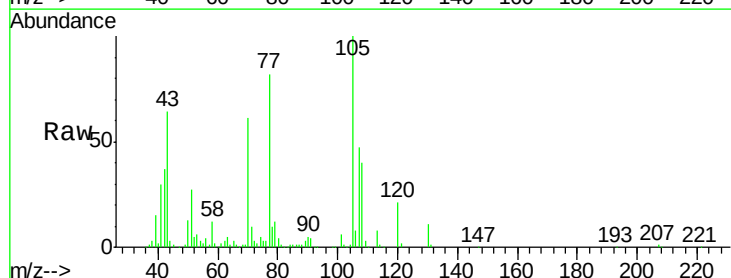
Ion Ratio Lower Upper

105 100

71 10.4 5.4 8.0#

51 26.8 31.8 47.6#

120 21.5 16.3 24.5

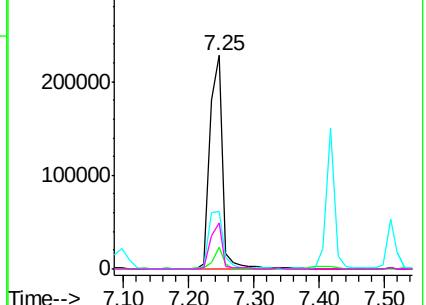


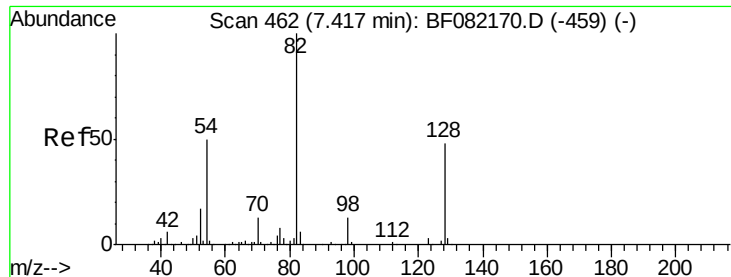
Abundance Ion 105.00 (104.70 to 105.70): E

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

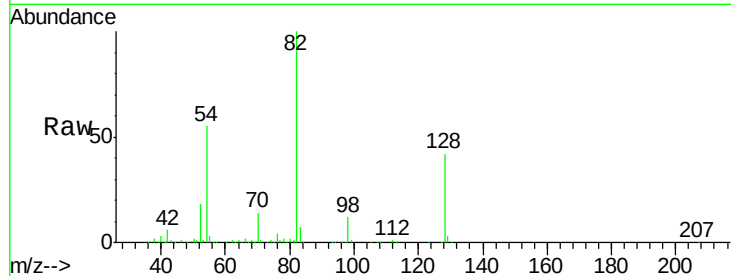




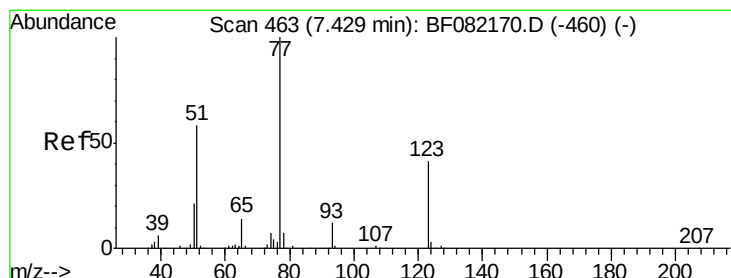
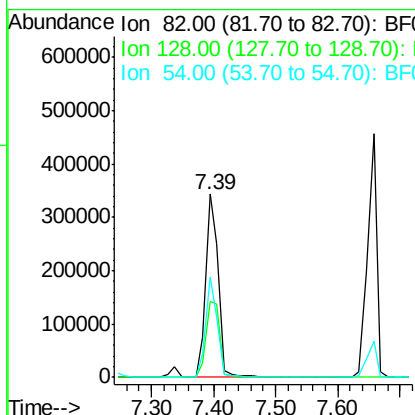
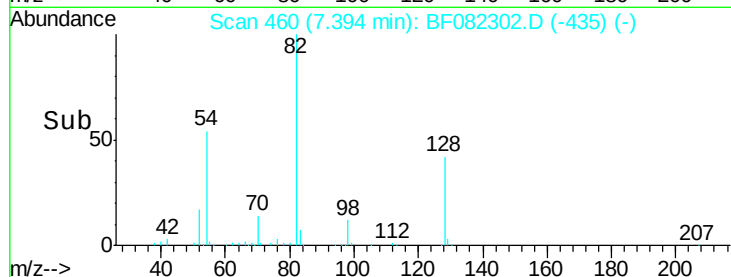
#23
 Nitrobenzene-d5
 Concen: 106.72 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 6:14

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MSD

Tot Ion: 82 Resp: 486630
 Ion Ratio Lower Upper
 82 100
 128 41.6 38.7 58.1
 54 54.7 40.1 60.1

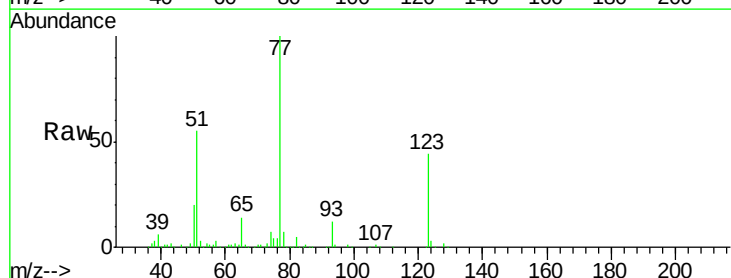


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

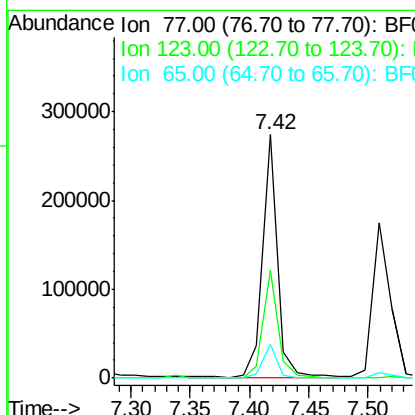
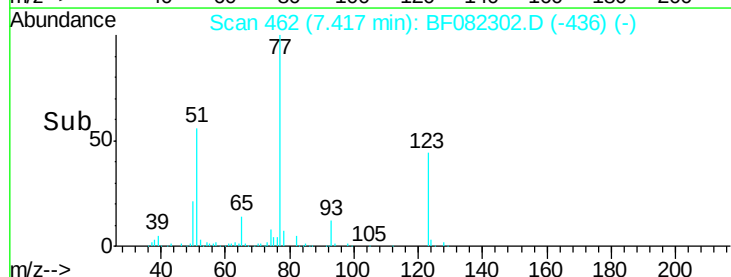


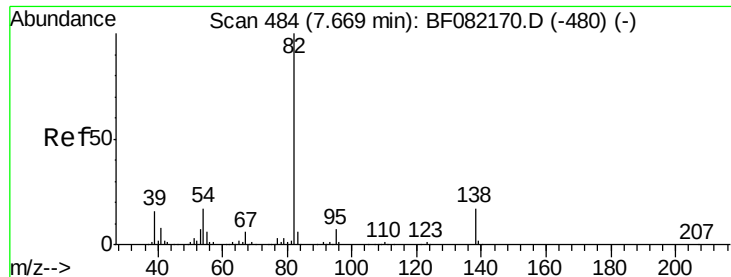
#24
 Nitrobenzene
 Concen: 49.27 ng
 RT: 7.42 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 6:14

Tgt Ion: 77 Resp: 243188
 Ion Ratio Lower Upper
 77 100
 123 44.4 33.0 49.4
 65 13.7 11.2 16.8



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: 50.12 ng

RT: 7.66 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

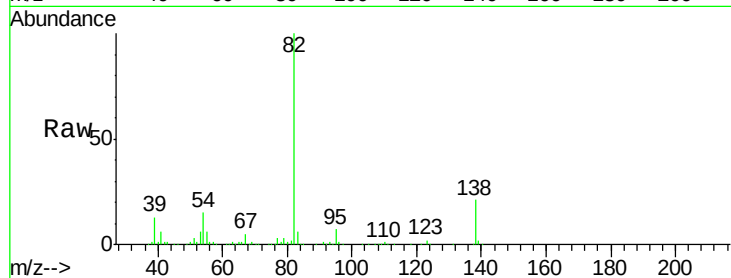
Tot Ion: 82 Resp: 461310

Ion Ratio Lower Upper

82 100

95 7.5 5.6 8.4

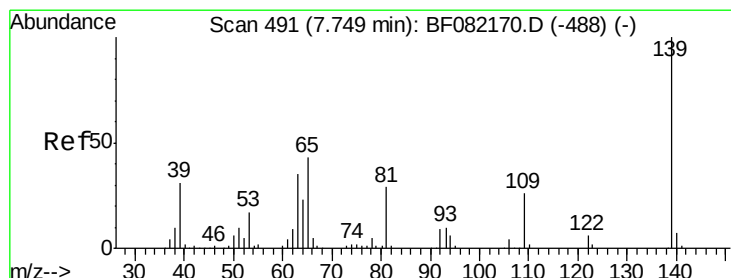
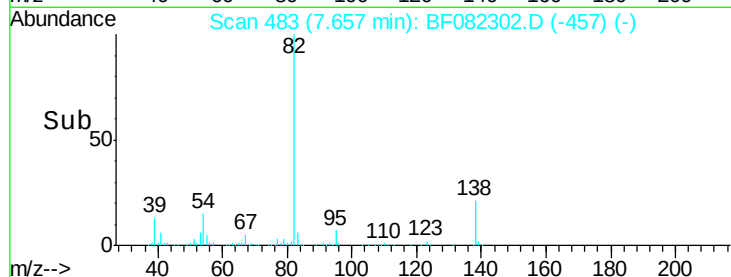
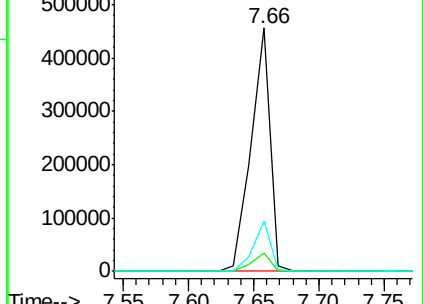
138 20.5 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 2.73 ng

RT: 7.74 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

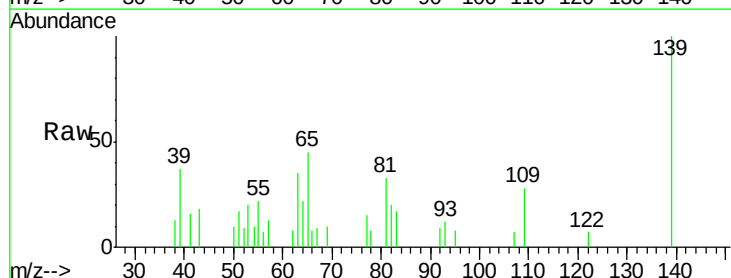
Tgt Ion: 139 Resp: 6721

Ion Ratio Lower Upper

139 100

109 28.5 20.6 31.0

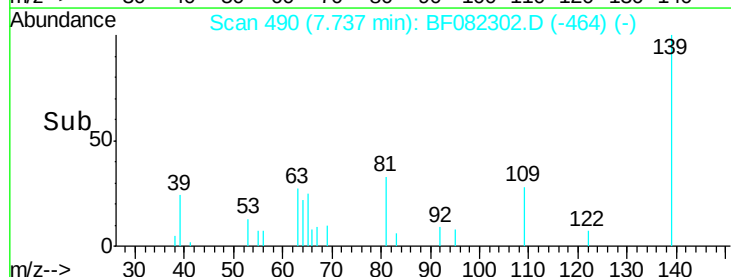
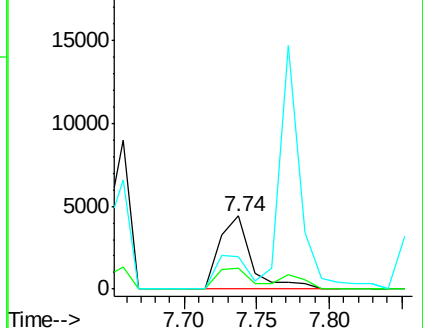
65 44.8 34.3 51.5

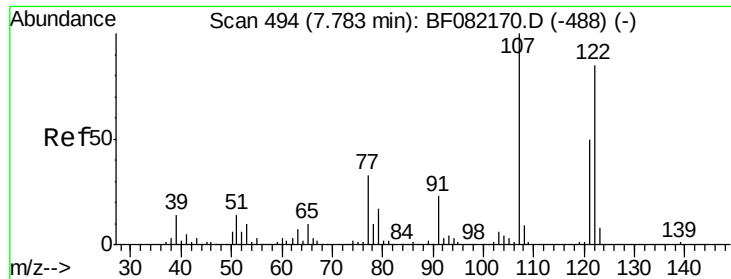


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

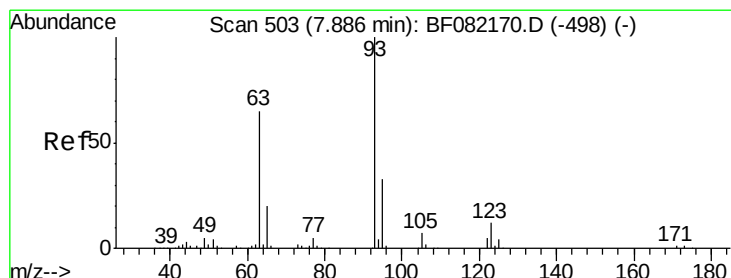
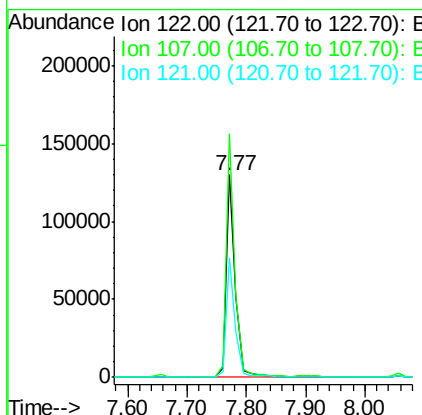
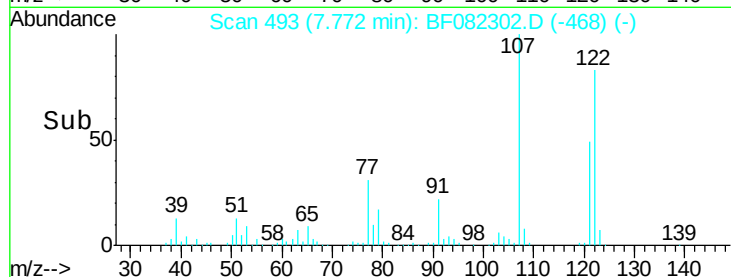
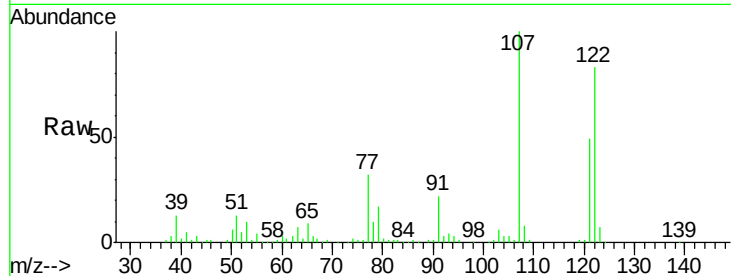




#27
 2,4-Dimethylphenol
 Concen: 35.21 ng
 RT: 7.77 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 6:14

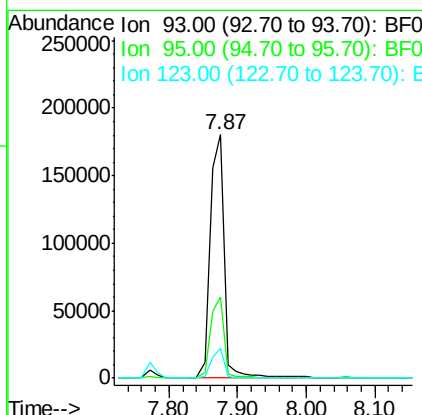
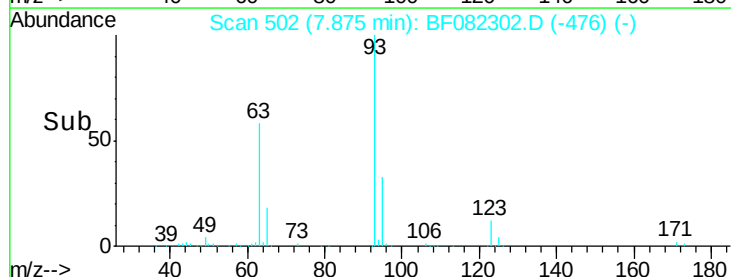
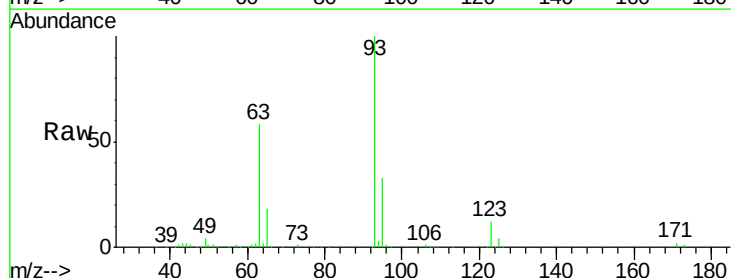
Instrument :
 BNA_F
 ClientSampleId :
 LF-1MSD

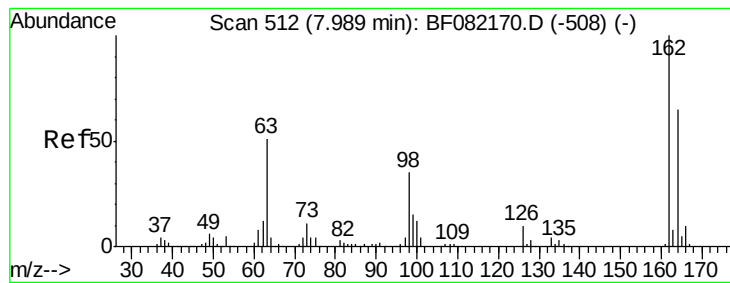
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.3	94.0	141.0
121	59.3	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.64 ng
 RT: 7.87 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 6:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	39.8
123	12.2	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 6.16 ng

RT: 7.98 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

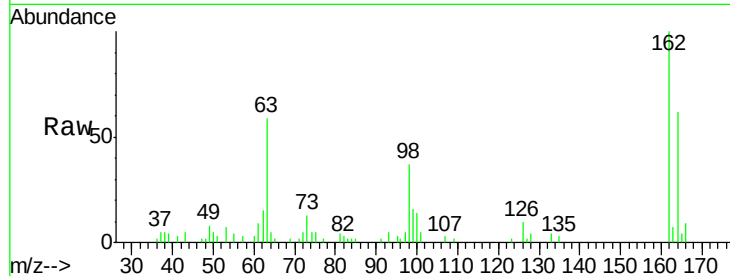
Tot Ion:162 Resp: 24439

Ion Ratio Lower Upper

162 100

164 61.9 44.6 84.6

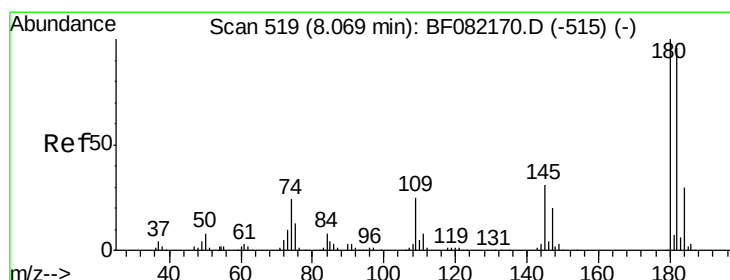
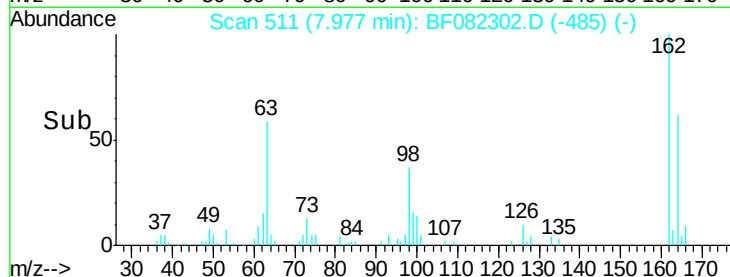
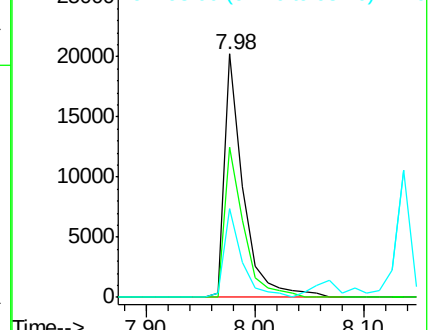
98 36.6 15.0 55.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 49.49 ng

RT: 8.06 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

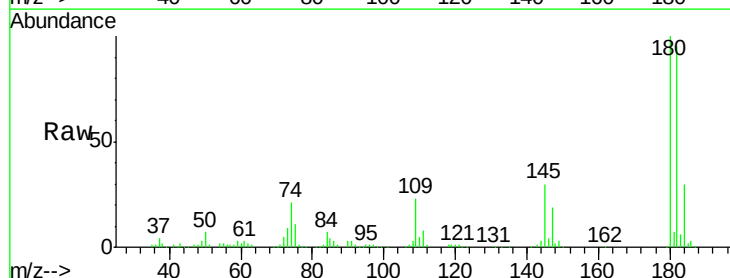
Tgt Ion:180 Resp: 226428

Ion Ratio Lower Upper

180 100

182 95.1 77.0 115.4

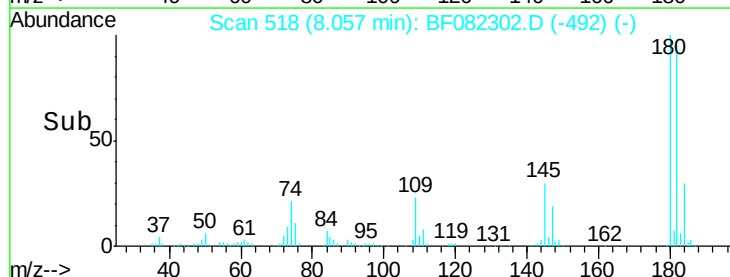
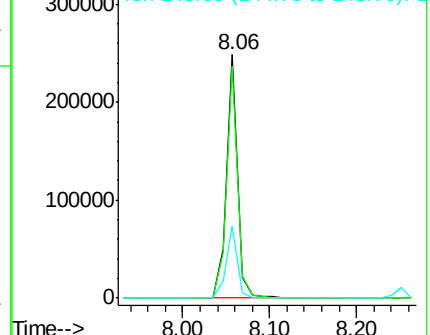
145 29.6 25.0 37.4

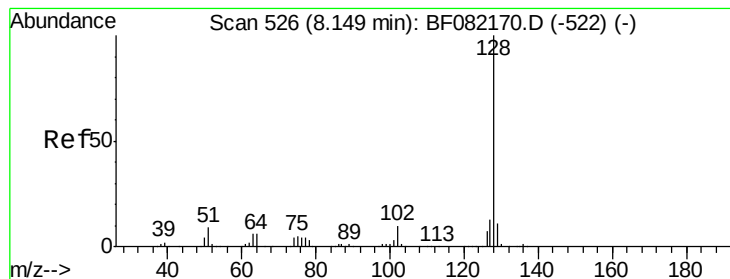


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.35 ng

RT: 8.14 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

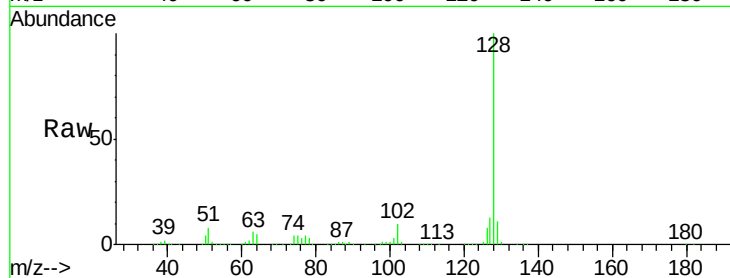
Tot Ion:128 Resp: 655158

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

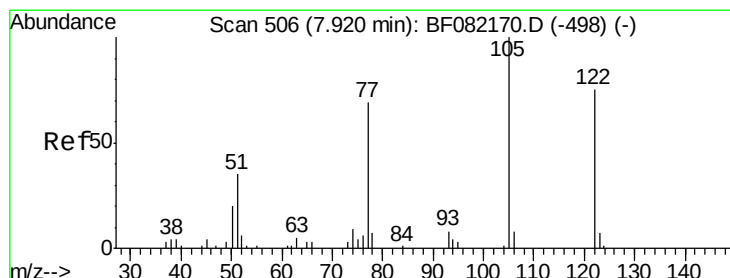
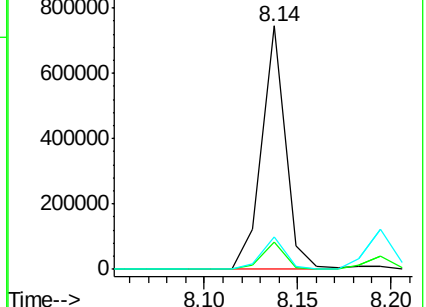
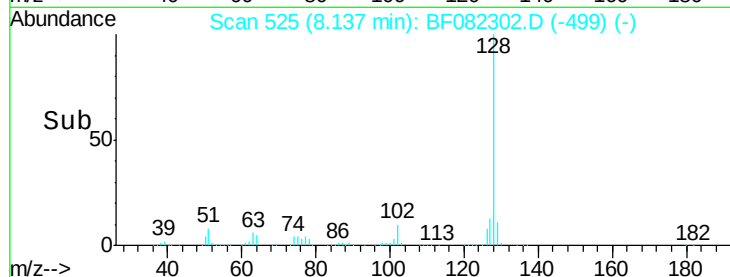
127 13.5 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 52.47 ng

RT: 7.77 min Scan# 493

Delta R.T. -0.14 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

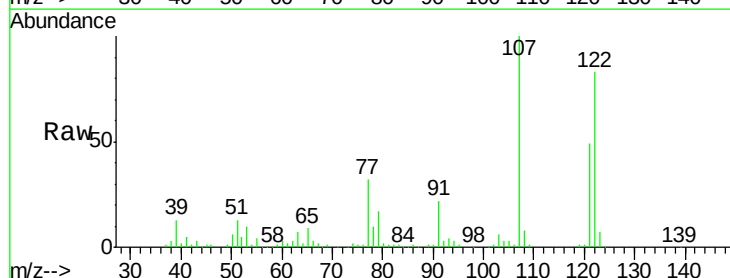
Tgt Ion:122 Resp: 139823

Ion Ratio Lower Upper

122 100

105 4.0 104.4 144.4#

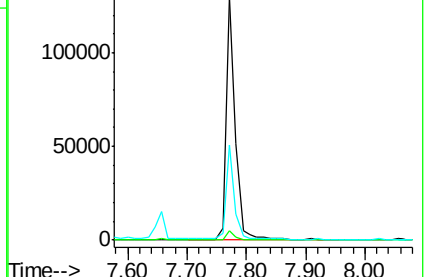
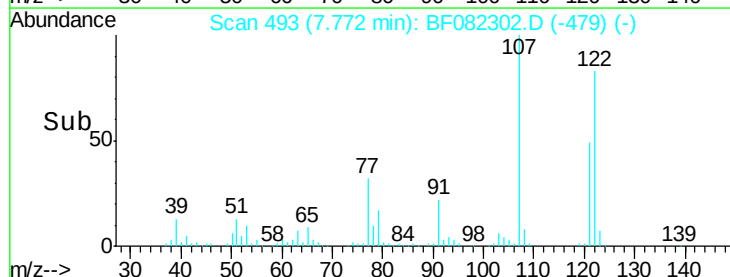
77 38.9 69.0 109.0#

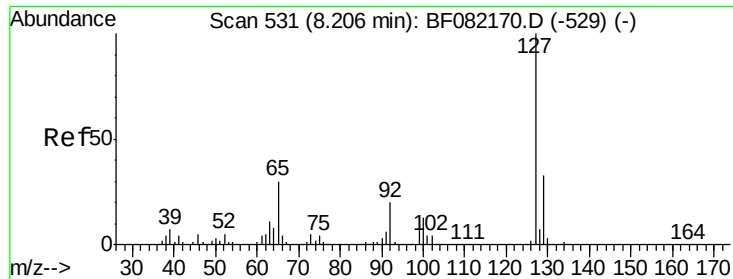


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

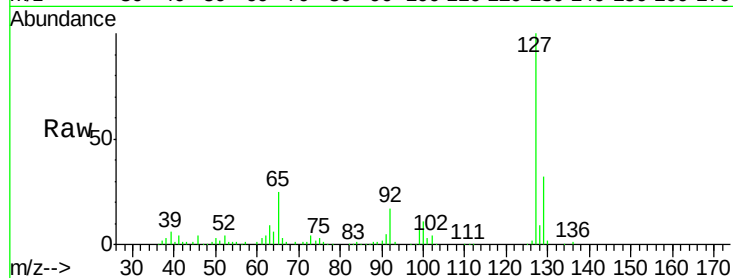




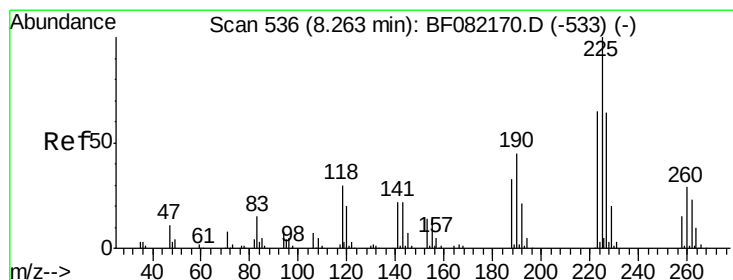
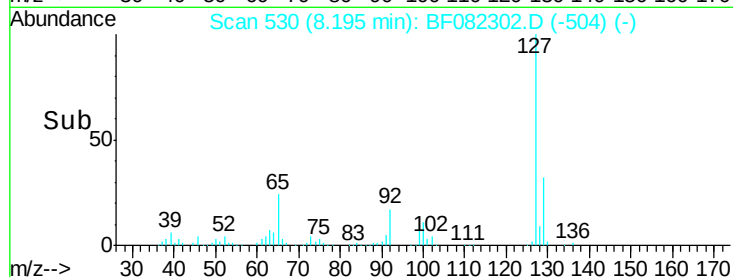
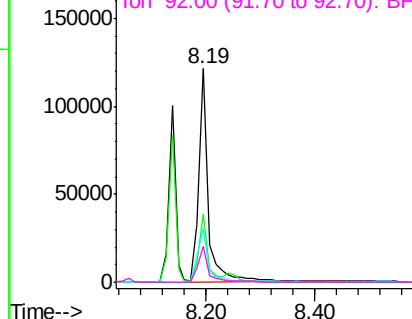
#33
4-Chloroaniline
Concen: 26.51 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

Instrument :
BNA_F
ClientSampleId :
LF-1MSD

Tot Ion:	127	Resp:	146168
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	25.2	24.4	36.6
92	17.0	15.7	23.5

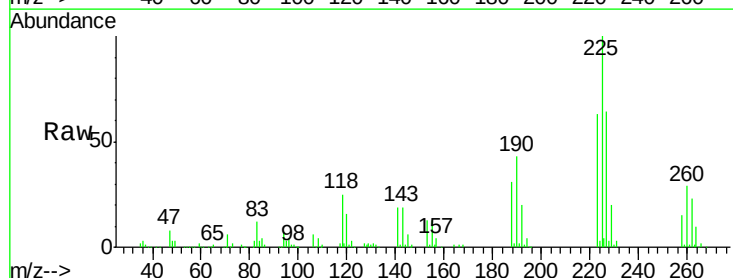


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

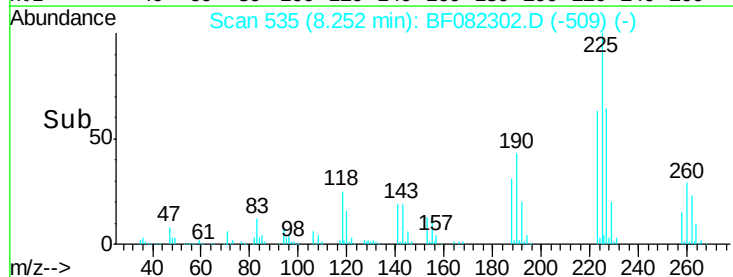
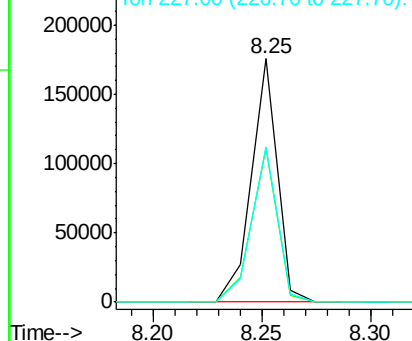


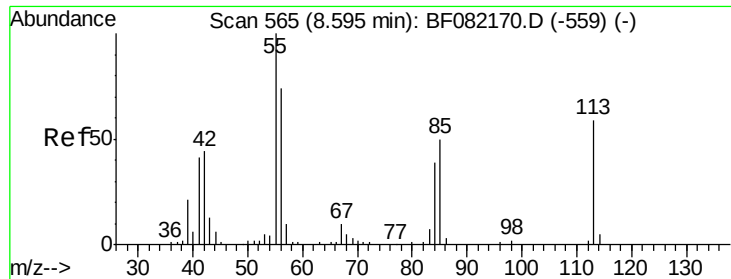
#34
Hexachlorobutadiene
Concen: 51.02 ng
RT: 8.25 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

Tgt Ion:	225	Resp:	145455
Ion	Ratio	Lower	Upper
225	100		
223	63.2	52.2	78.2
227	63.6	51.3	76.9



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





#35

Caprolactam

Concen: 46.61 ng

RT: 8.54 min Scan# 560

Delta R.T. -0.05 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

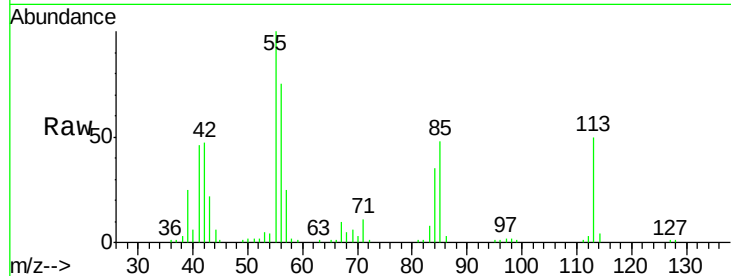
Tot Ion:113 Resp: 53698

Ion Ratio Lower Upper

113 100

55 199.8 149.7 189.7#

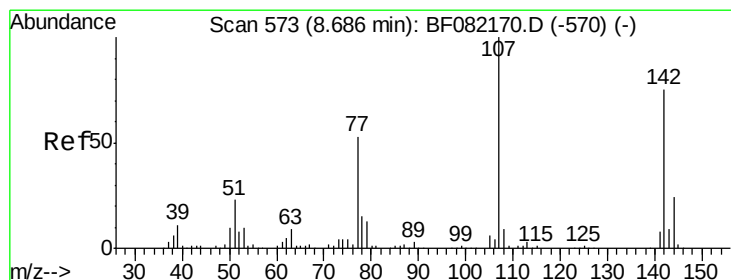
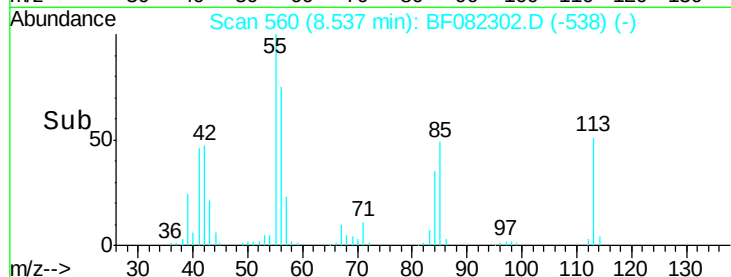
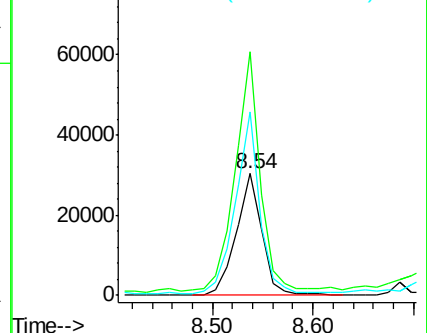
56 150.2 105.4 145.4#



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: 25.89 ng

RT: 8.69 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

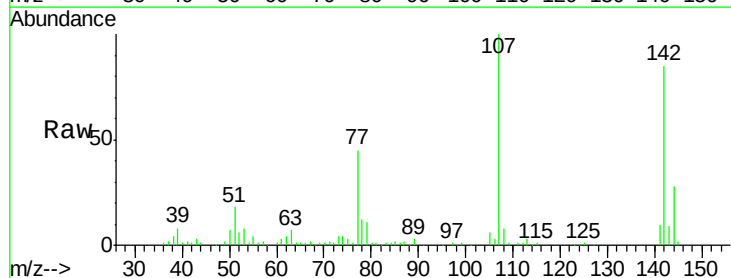
Tgt Ion:107 Resp: 100505

Ion Ratio Lower Upper

107 100

144 28.1 19.3 28.9

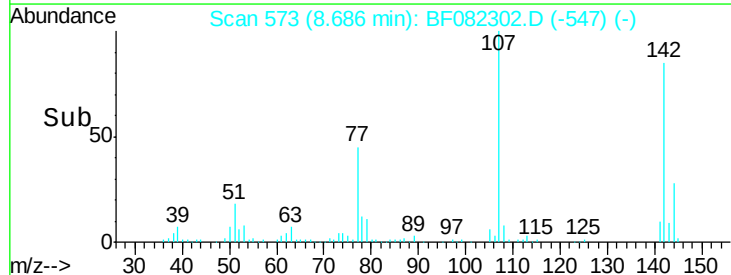
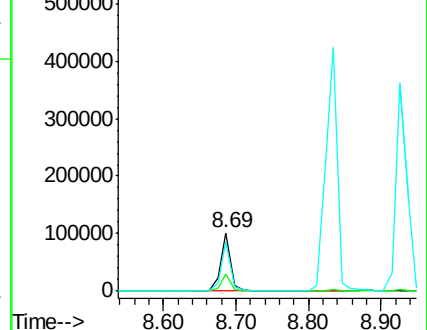
142 84.5 59.9 89.9

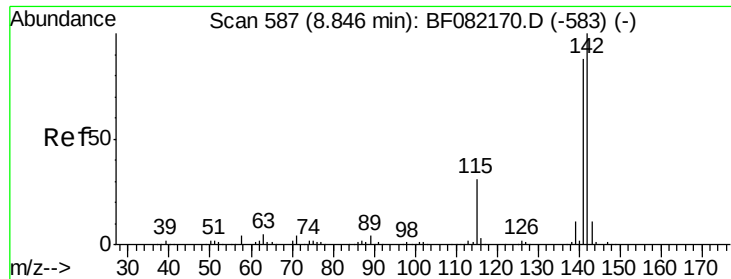


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

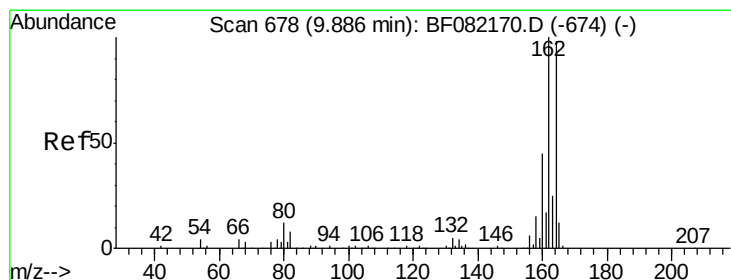
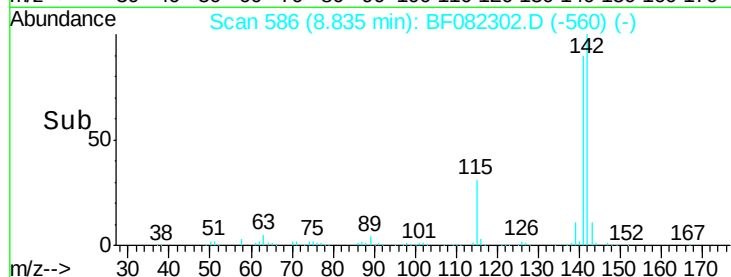
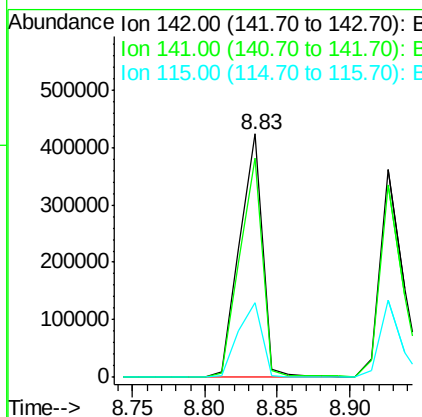
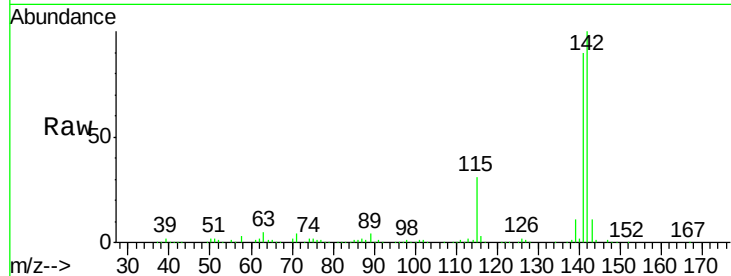




#37
2-Methylnaphthalene
Concen: 50.61 ng
RT: 8.83 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

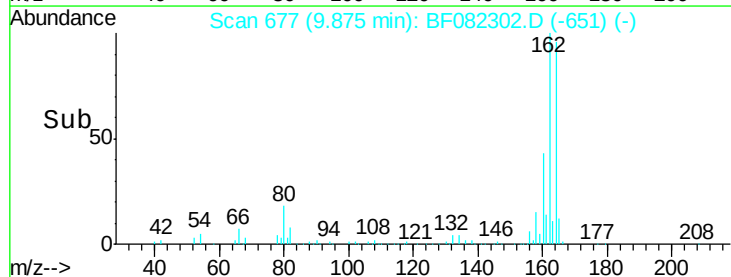
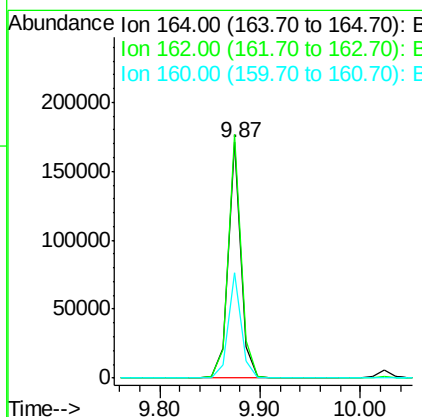
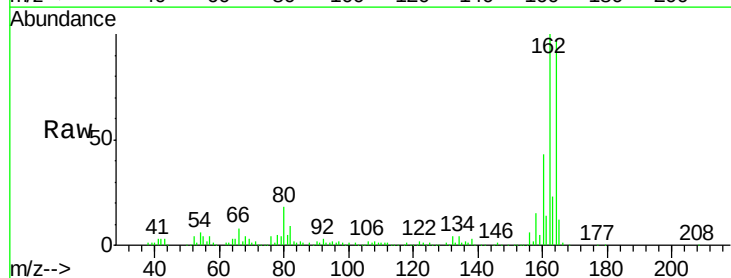
Instrument :
BNA_F
ClientSampleId :
LF-1MSD

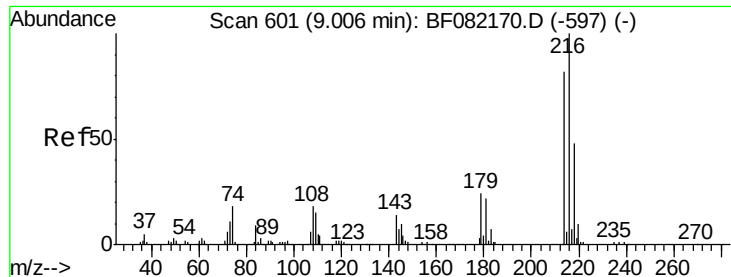
Tot Ion:142 Resp: 465738
Ion Ratio Lower Upper
142 100
141 90.1 70.4 105.6
115 30.8 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

Tgt Ion:164 Resp: 150115
Ion Ratio Lower Upper
164 100
162 103.3 81.6 122.4
160 44.5 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.45 ng

RT: 8.99 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

Tot Ion:216 Resp: 207412

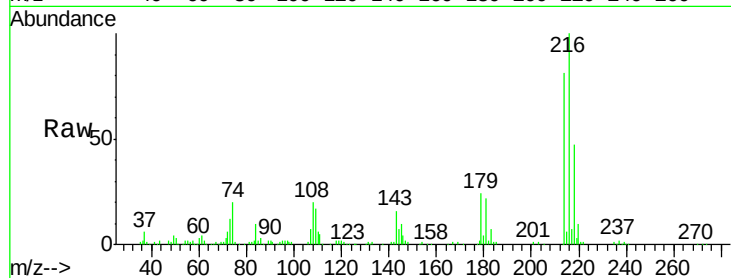
Ion Ratio Lower Upper

216 100

214 79.7 64.6 97.0

179 21.7 17.6 26.4

108 19.1 14.5 21.7

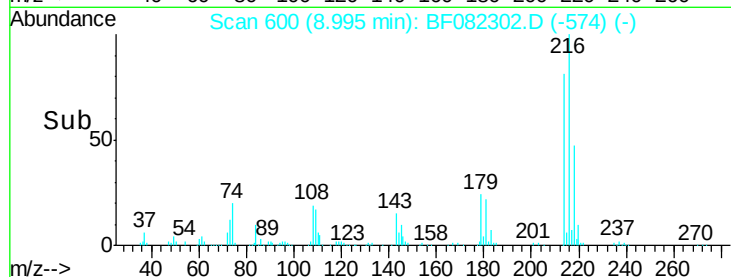


Abundance Ion 216.00 (215.70 to 216.70): E

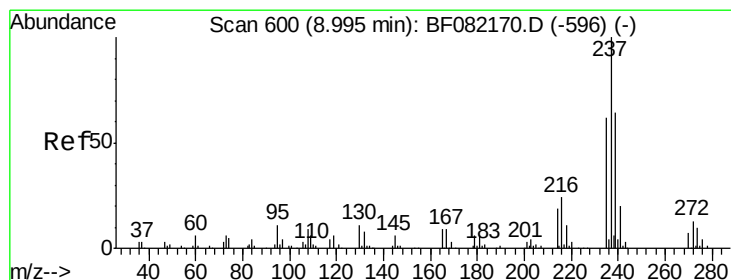
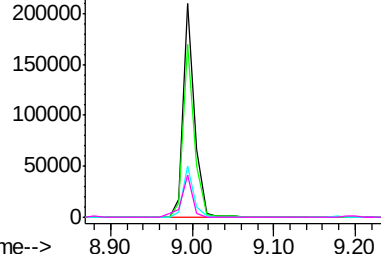
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 70.35 ng

RT: 8.98 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

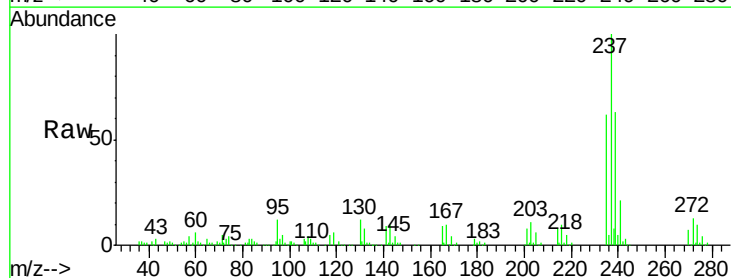
Tgt Ion:237 Resp: 156408

Ion Ratio Lower Upper

237 100

235 61.8 41.7 81.7

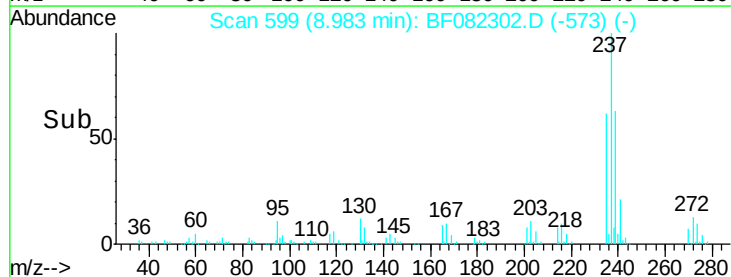
272 12.6 0.0 32.8



Abundance Ion 236.80 (236.50 to 237.50): E

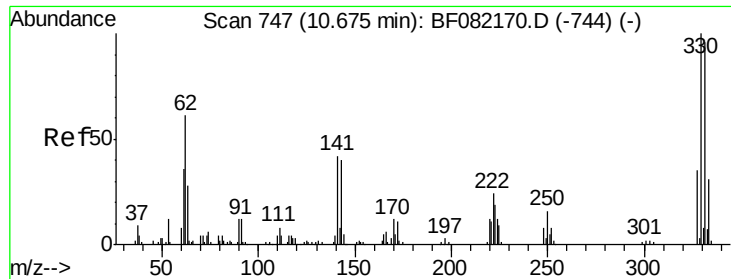
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

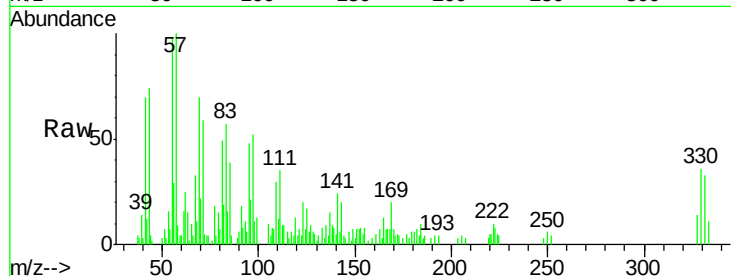




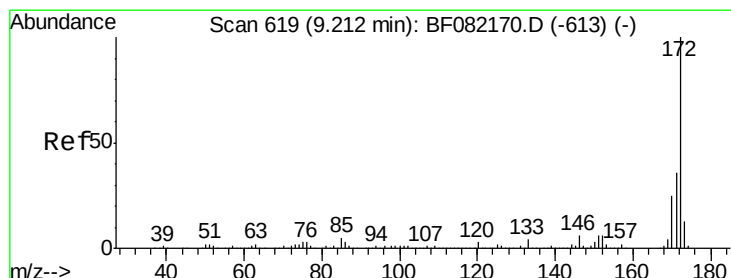
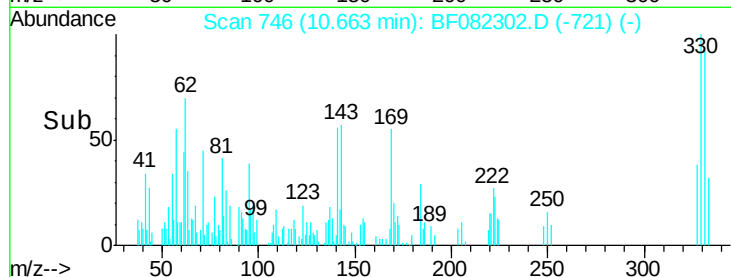
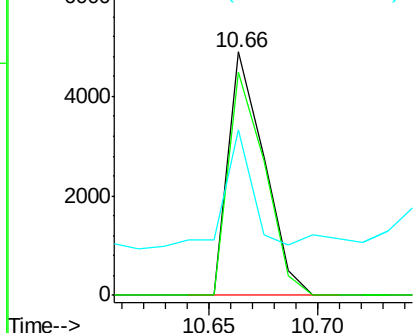
#41
 2,4,6-Tribromophenol
 Concen: 3.98 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 6:14

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MSD

Tot Ion:330 Resp: 5606
 Ion Ratio Lower Upper
 330 100
 332 92.7 77.1 115.7
 141 0.0 29.8 44.8#

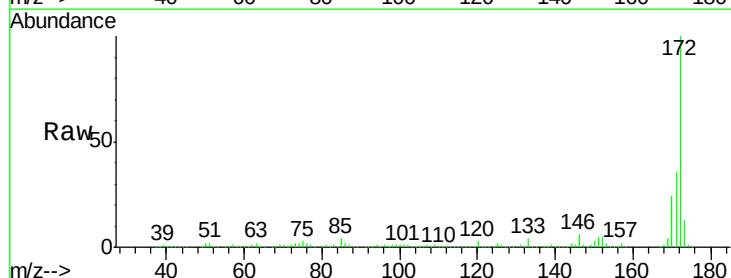


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

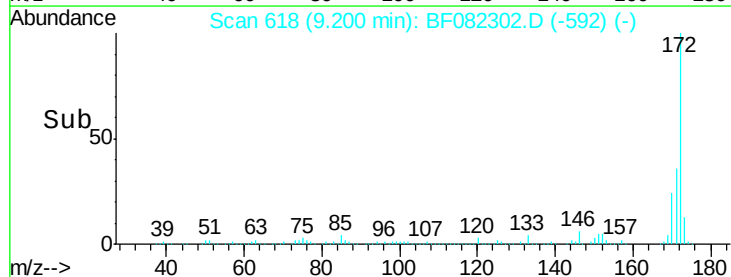
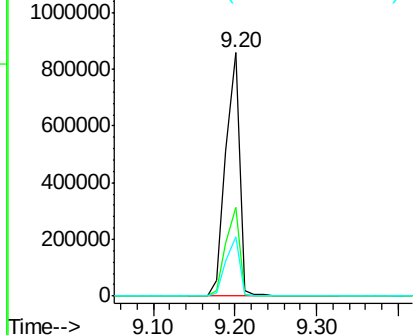


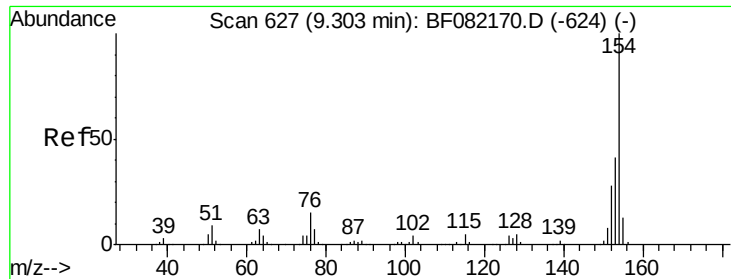
#44
 2-Fluorobiphenyl
 Concen: 111.63 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 6:14

Tgt Ion:172 Resp: 1010428
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 42.8
 170 24.3 19.7 29.5



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

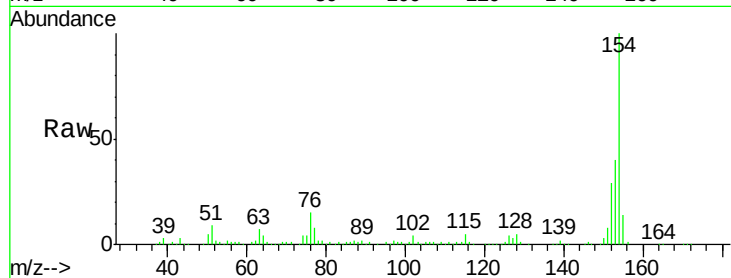




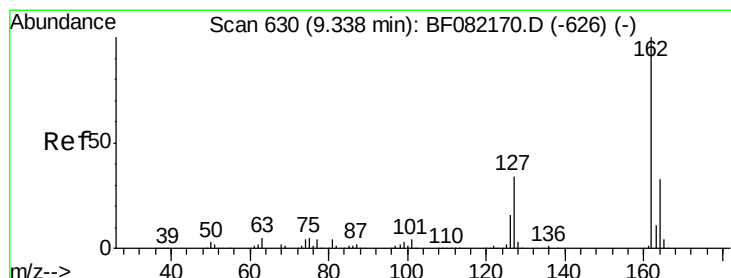
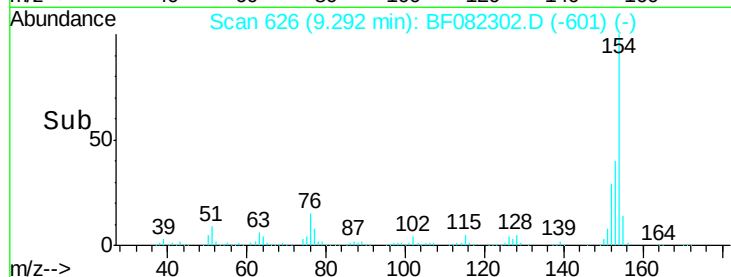
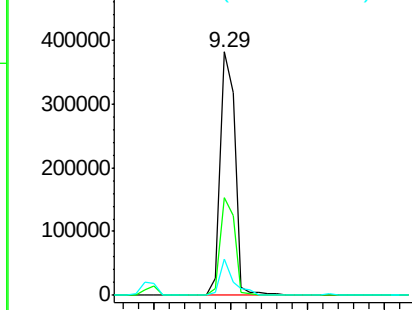
#45
 1,1'-Biphenyl
 Concen: 45.58 ng
 RT: 9.29 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 6:14

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MSD

Tot Ion:154 Resp: 521773
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.6 60.6
 76 14.7 0.0 35.2

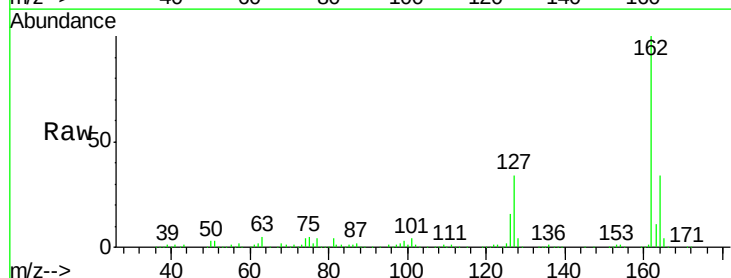


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

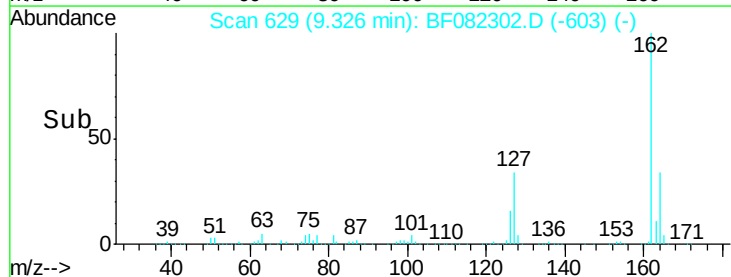
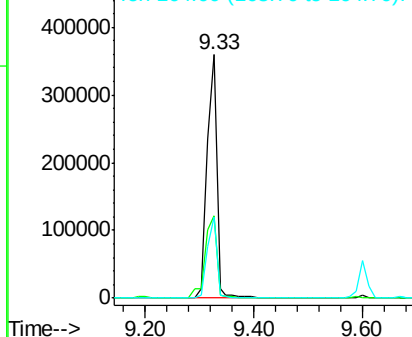


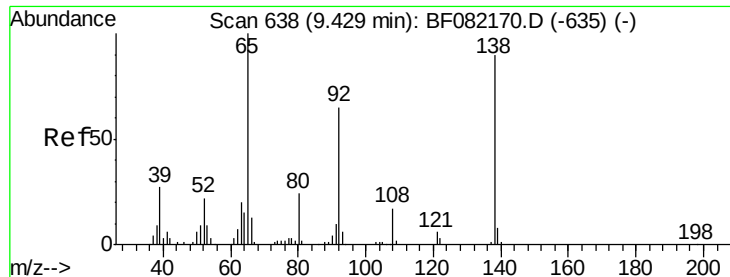
#46
 2-Chloronaphthalene
 Concen: 49.18 ng
 RT: 9.33 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 6:14

Tgt Ion:162 Resp: 443197
 Ion Ratio Lower Upper
 162 100
 127 34.0 27.5 41.3
 164 33.5 26.6 39.8



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: 53.18 ng

RT: 9.43 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

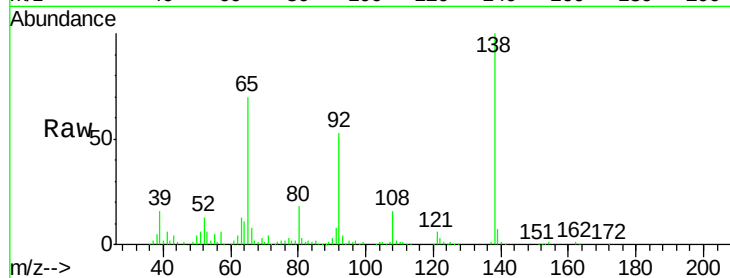
Tot Ion: 65 Resp: 131574

Ion Ratio Lower Upper

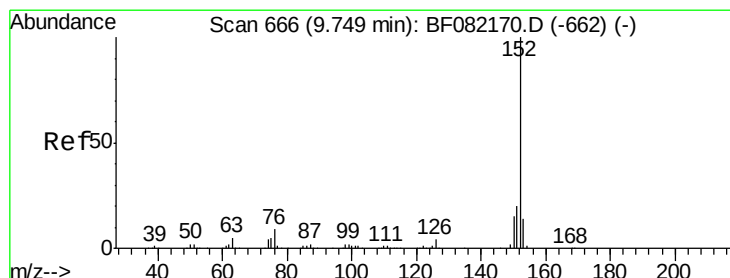
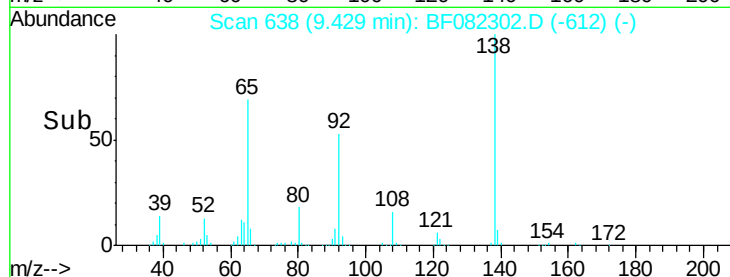
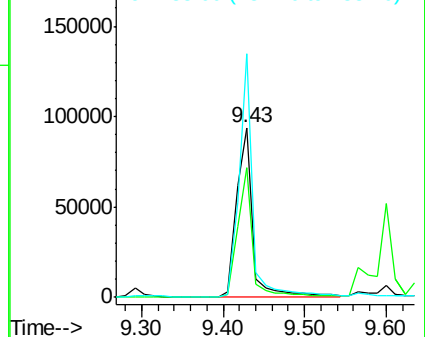
65 100

92 76.6 52.3 78.5

138 143.2 72.2 108.4#



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



#48

Acenaphthylene

Concen: 48.58 ng

RT: 9.74 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

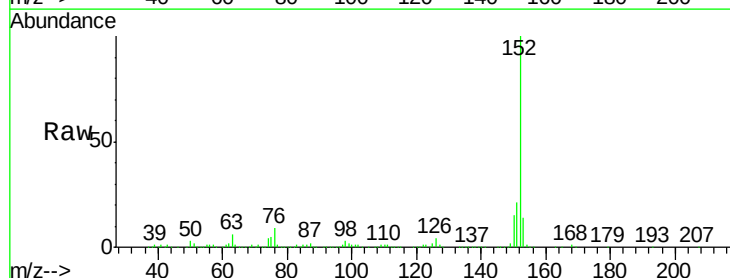
Tgt Ion: 152 Resp: 681928

Ion Ratio Lower Upper

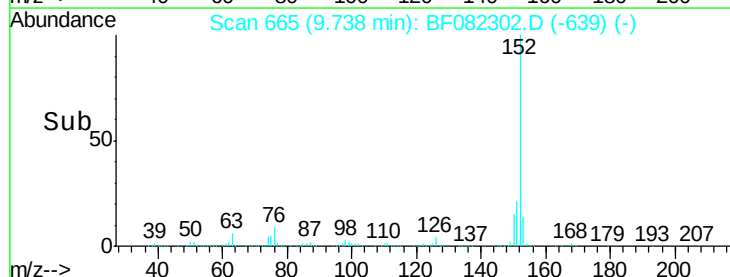
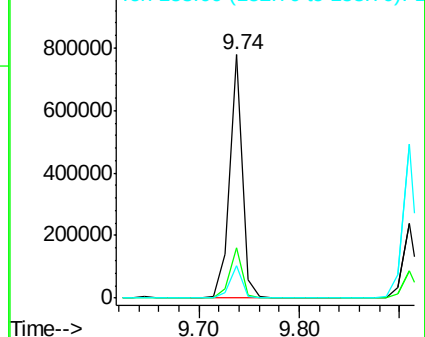
152 100

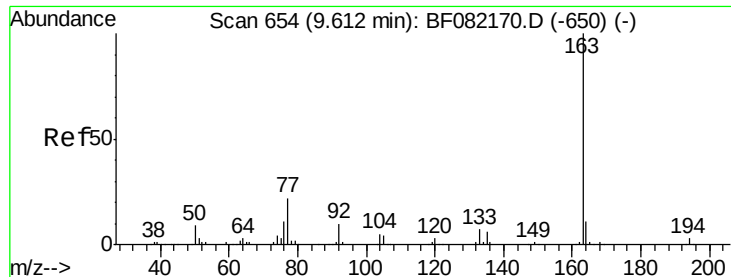
151 20.7 16.4 24.6

153 13.6 10.8 16.2



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





#49

Dimethylphthalate

Concen: 55.76 ng

RT: 9.60 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

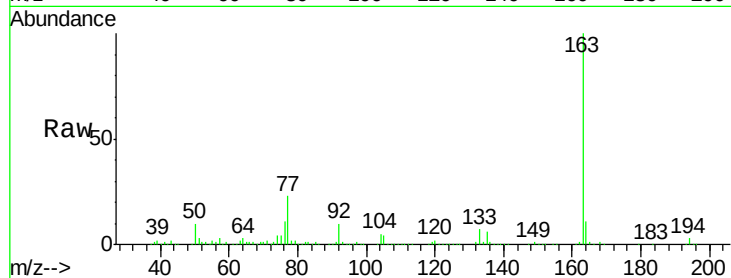
Tot Ion:163 Resp: 589447

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

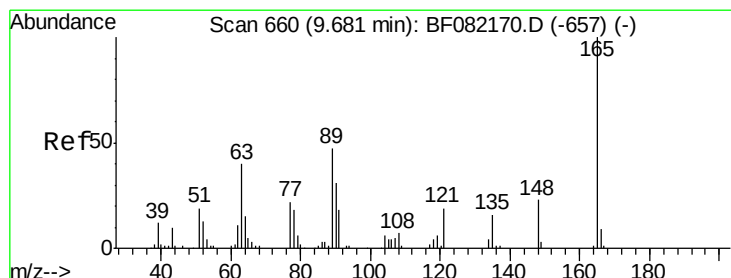
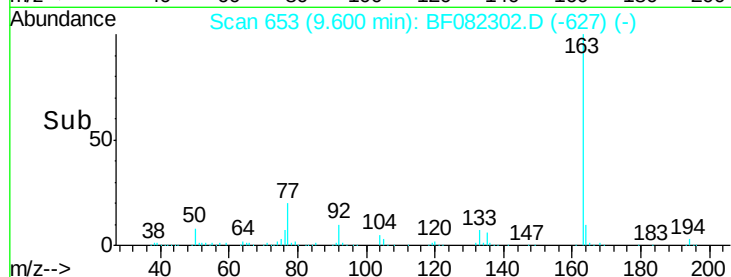
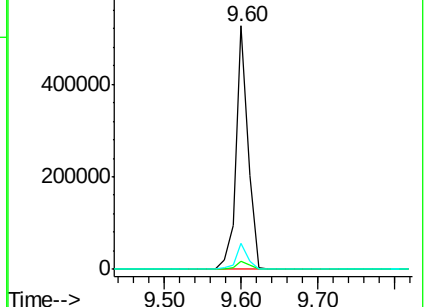
164 10.6 8.5 12.7



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: 51.36 ng

RT: 9.67 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

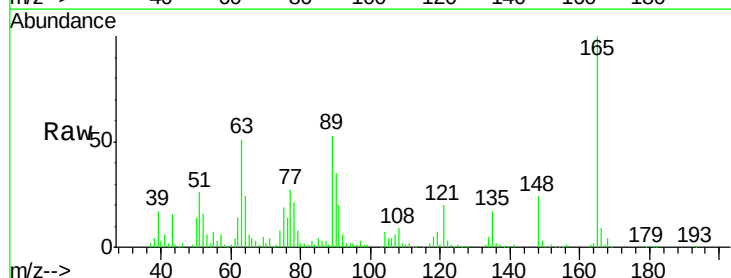
Tgt Ion:165 Resp: 114562

Ion Ratio Lower Upper

165 100

63 51.4 36.7 55.1

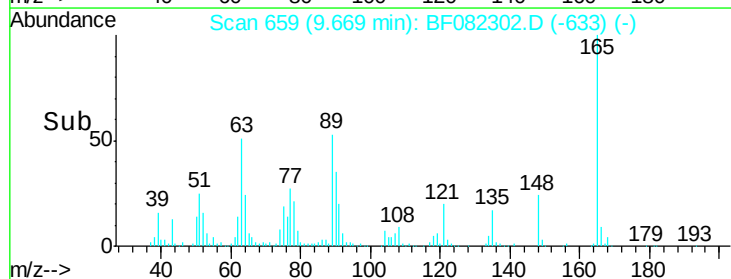
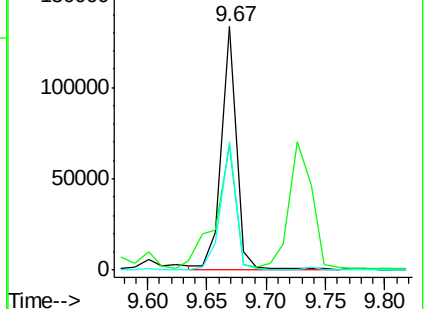
89 52.9 37.8 56.6

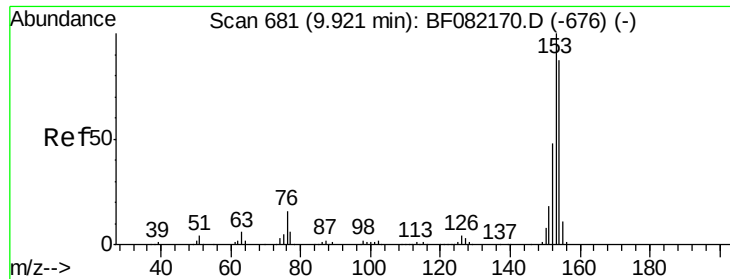


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.94 ng

RT: 9.91 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

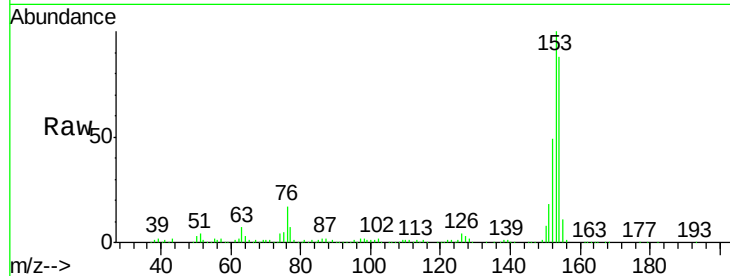
Tot Ion:154 Resp: 378753

Ion Ratio Lower Upper

154 100

153 114.2 91.4 137.2

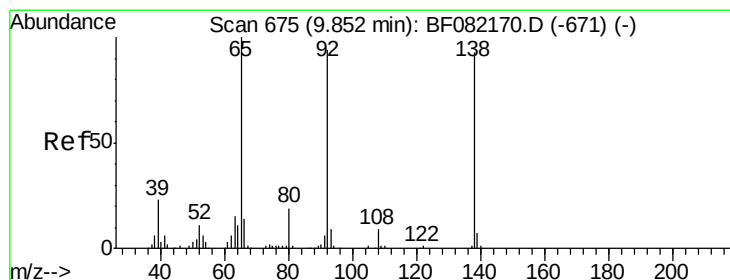
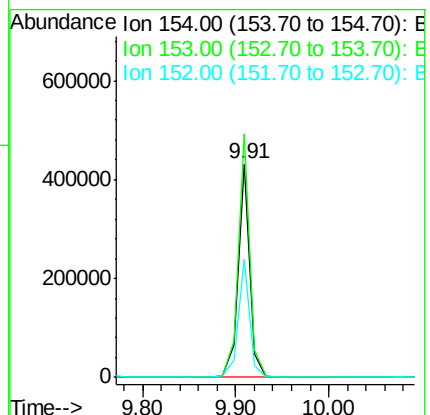
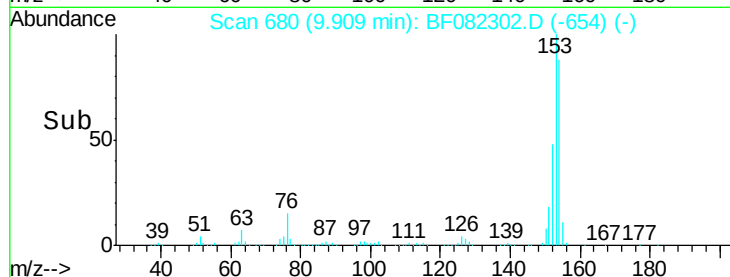
152 55.4 44.3 66.5



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: 41.49 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

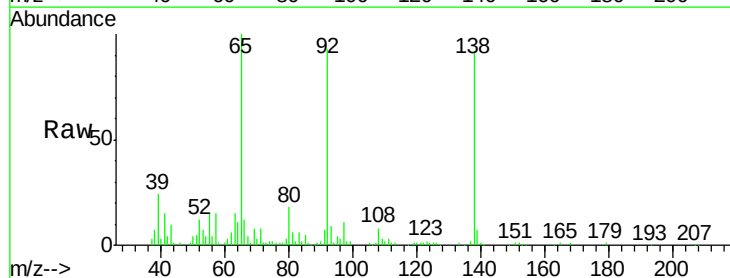
Tgt Ion:138 Resp: 104524

Ion Ratio Lower Upper

138 100

108 9.3 7.4 11.0

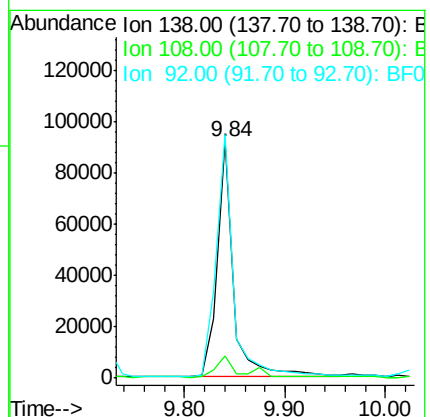
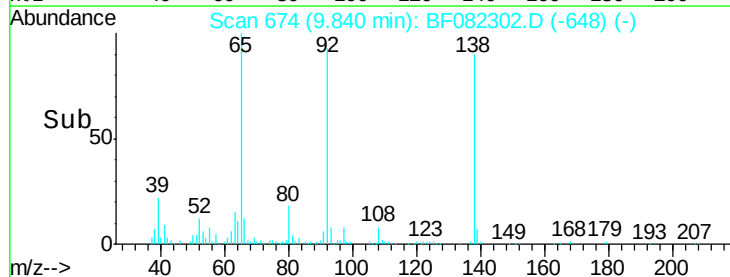
92 102.8 81.3 121.9

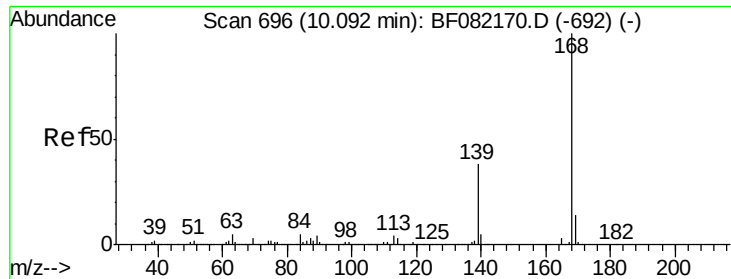


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

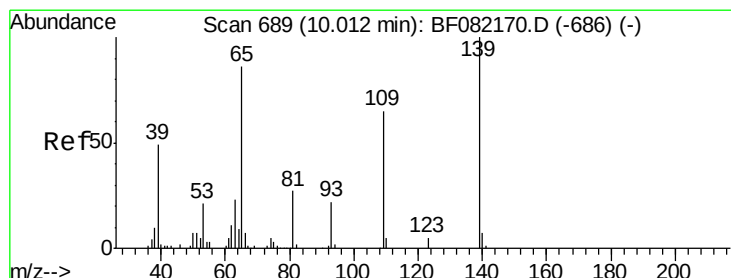
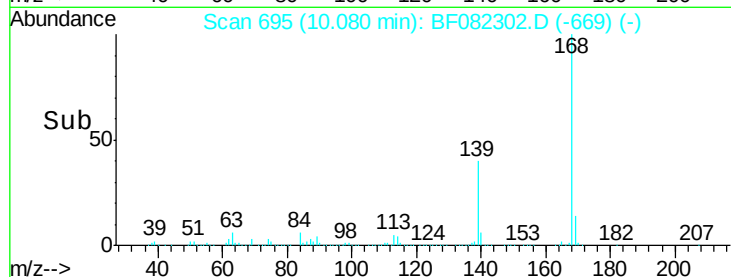
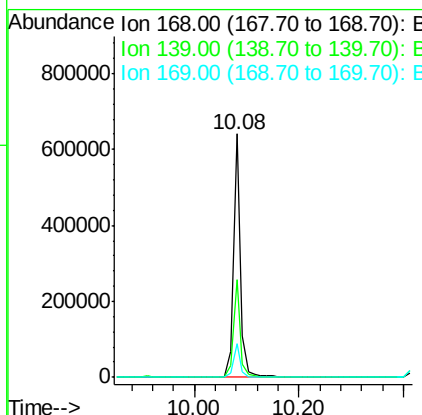
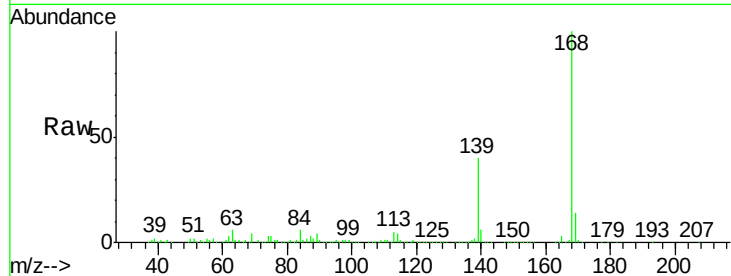




#54
Dibenzofuran
Concen: 51.86 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

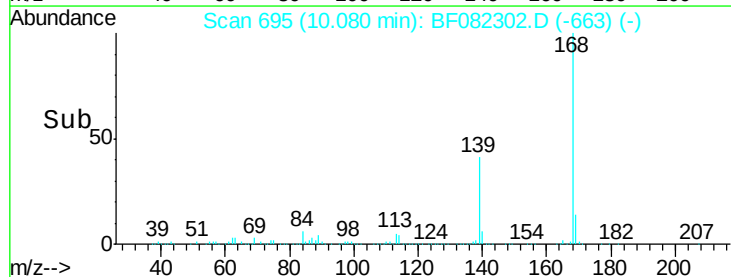
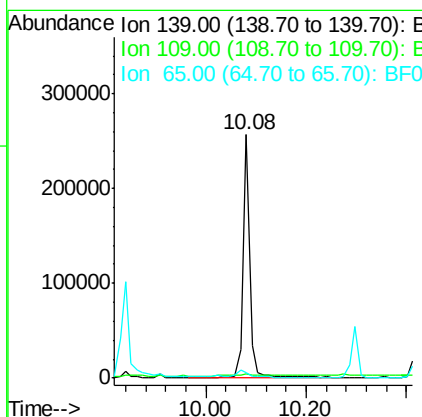
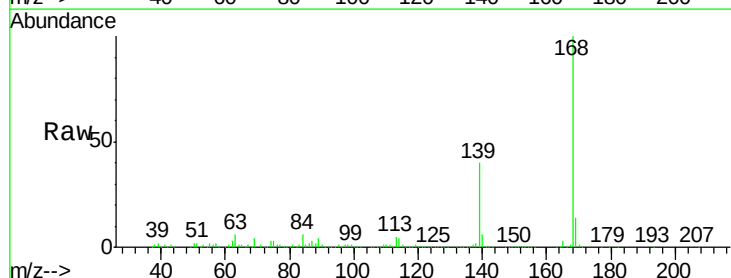
Instrument :
BNA_F
ClientSampleId :
LF-1MSD

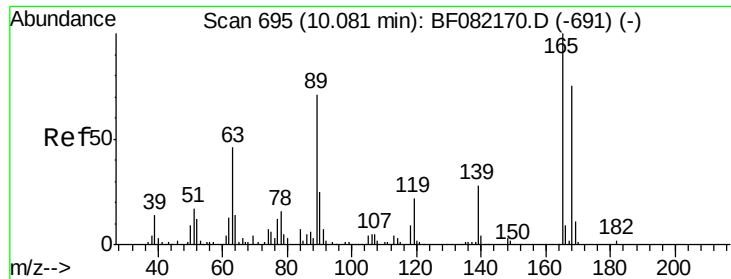
Tot Ion:168 Resp: 599988
Ion Ratio Lower Upper
168 100
139 40.1 31.0 46.6
169 13.8 10.9 16.3



#55
4-Nitrophenol
Concen: 115.03 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.07 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

Tgt Ion:139 Resp: 236148
Ion Ratio Lower Upper
139 100
109 1.8 44.8 84.8#
65 2.1 67.7 107.7#

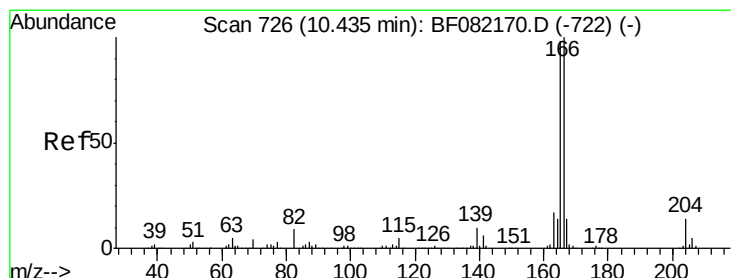
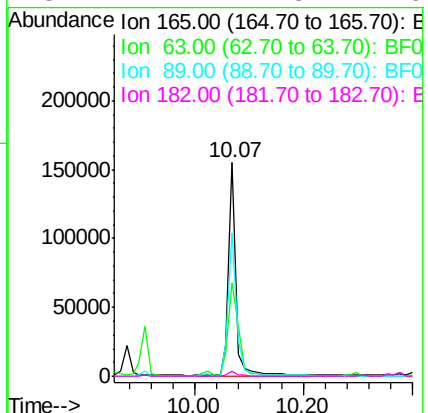
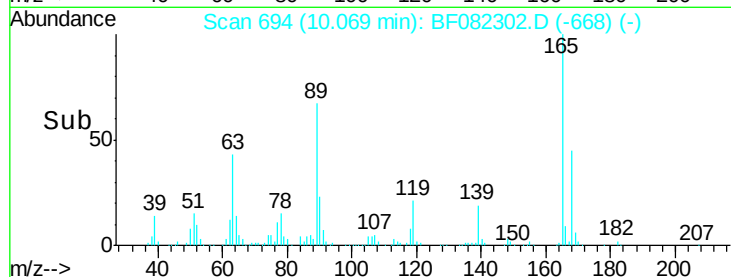
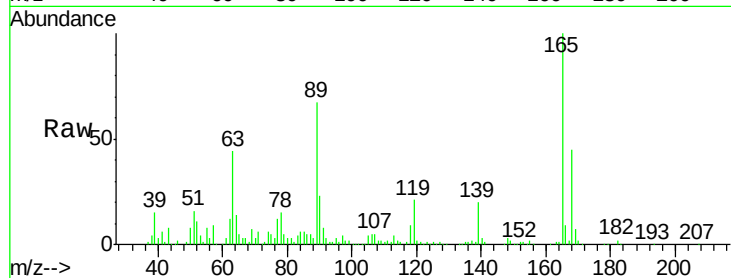




#56
2,4-Dinitrotoluene
Concen: 52.83 ng
RT: 10.07 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

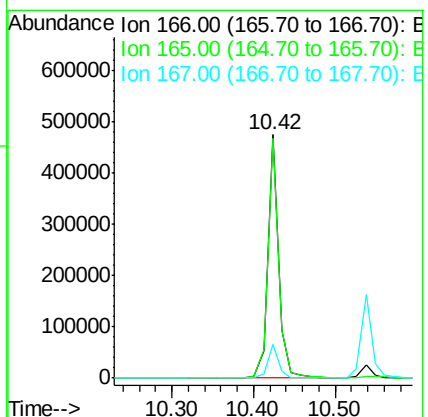
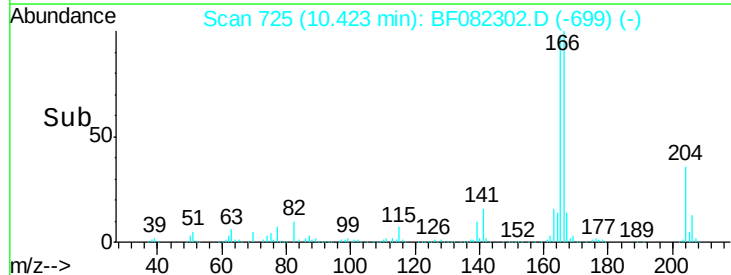
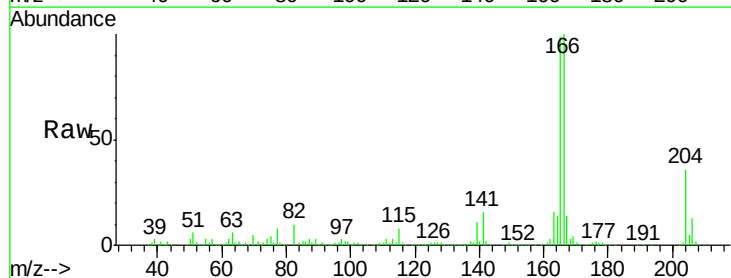
Instrument :
BNA_F
ClientSampleId :
LF-1MSD

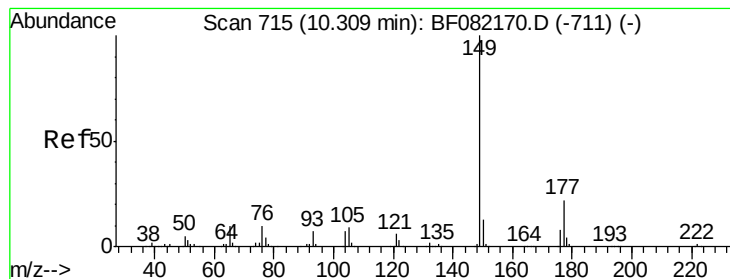
Tot Ion:165 Resp: 147290
Ion Ratio Lower Upper
165 100
63 43.6 38.6 58.0
89 66.9 57.0 85.6
182 2.2 1.8 2.6



#57
Fluorene
Concen: 46.92 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

Tgt Ion:166 Resp: 445842
Ion Ratio Lower Upper
166 100
165 98.7 78.3 117.5
167 13.6 10.8 16.2





#59

Diethylphthalate

Concen: 51.15 ng

RT: 10.30 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

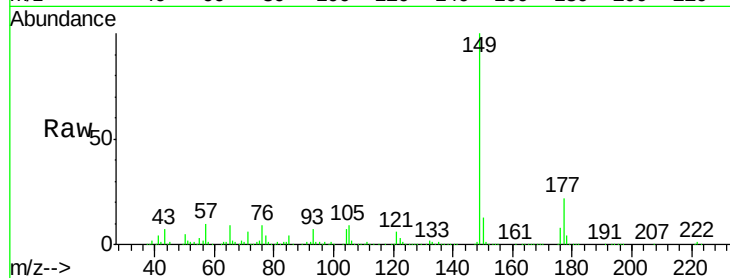
Tot Ion:149 Resp: 504028

Ion Ratio Lower Upper

149 100

177 21.8 17.6 26.4

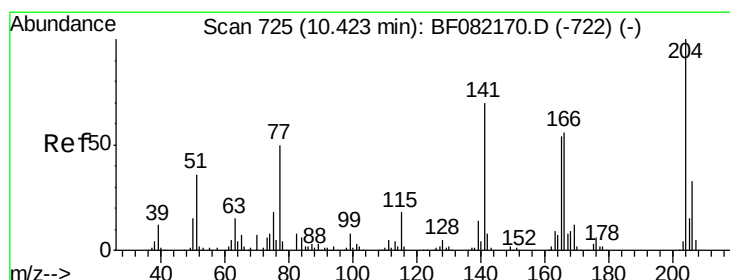
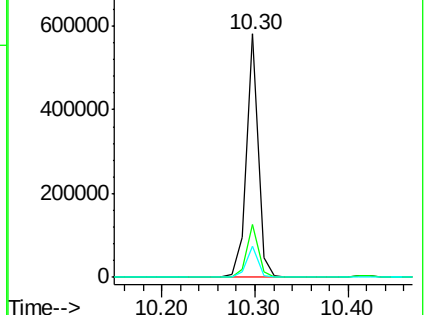
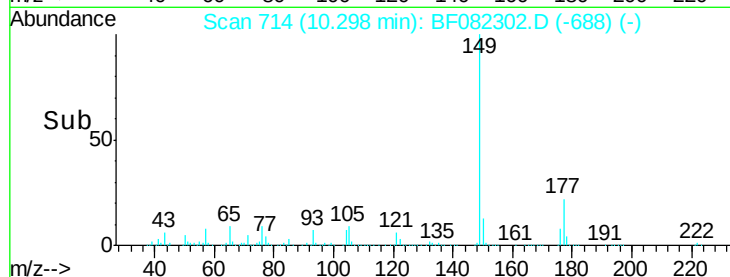
150 12.9 10.3 15.5



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: 49.83 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

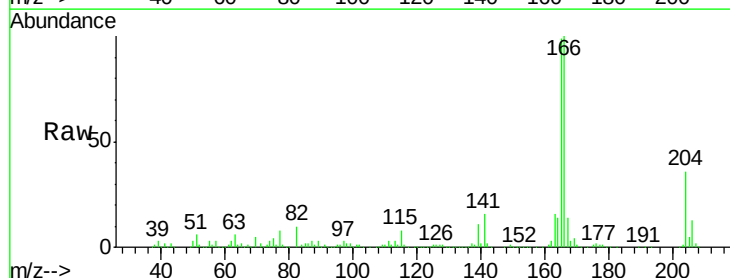
Tgt Ion:204 Resp: 216906

Ion Ratio Lower Upper

204 100

206 34.7 26.8 40.2

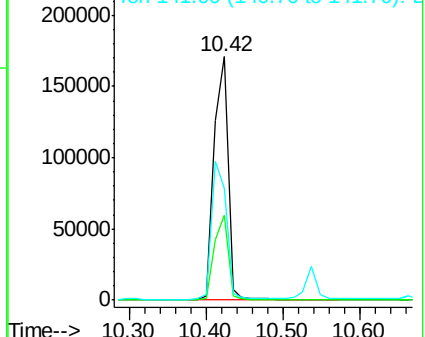
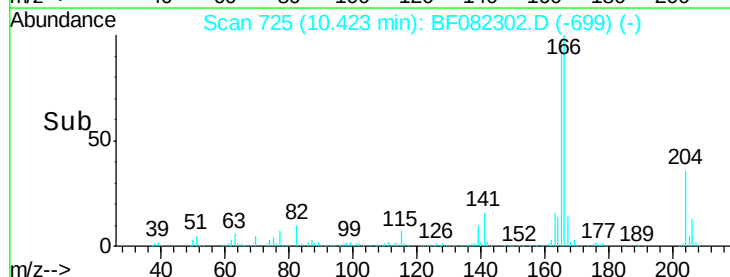
141 45.7 56.1 84.1#

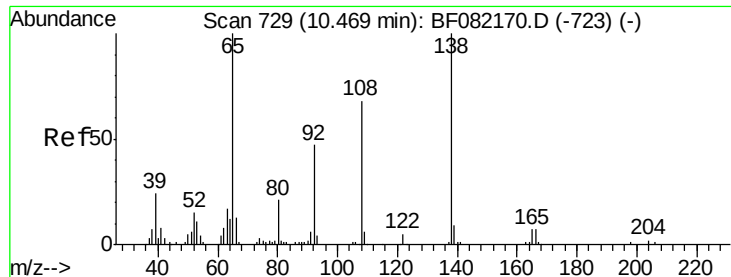


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

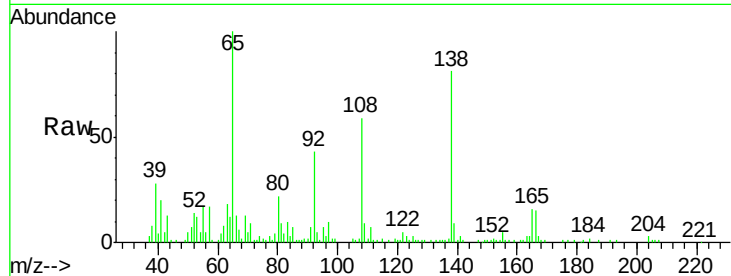




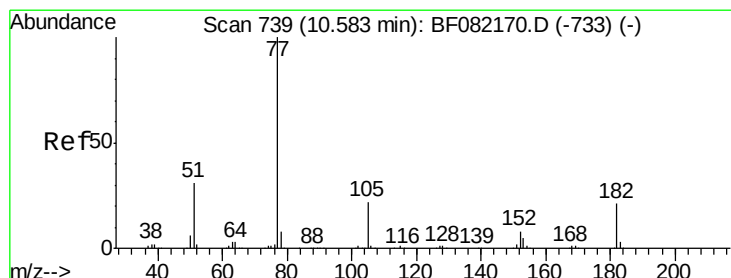
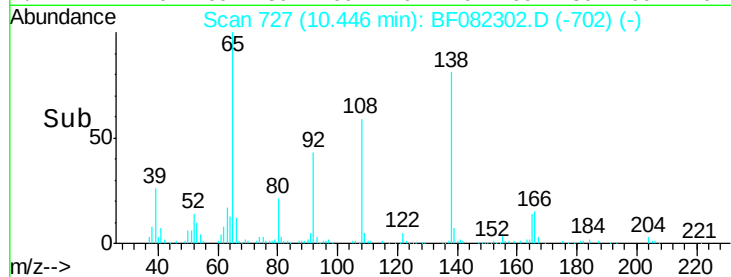
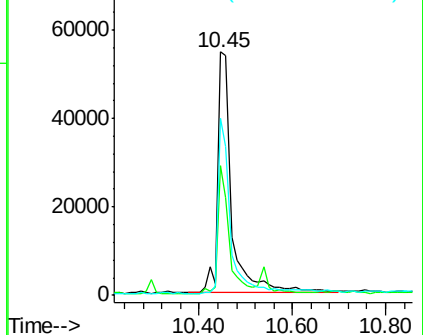
#61
4-Nitroaniline
Concen: 46.94 ng
RT: 10.45 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

Instrument :
BNA_F
ClientSampleId :
LF-1MSD

Tot Ion:138 Resp: 114698
Ion Ratio Lower Upper
138 100
92 53.3 26.8 66.8
108 72.6 48.4 88.4

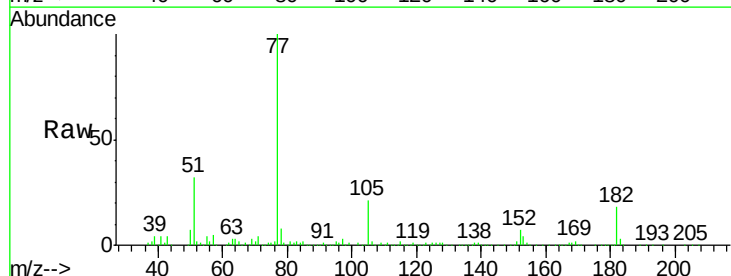


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

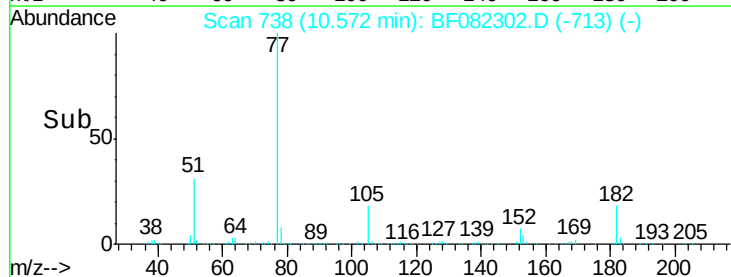
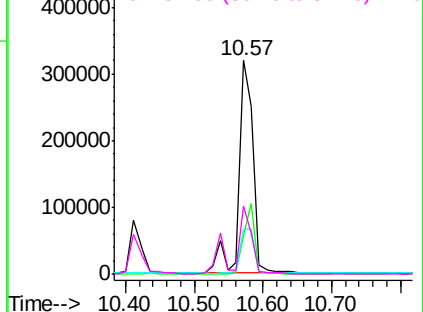


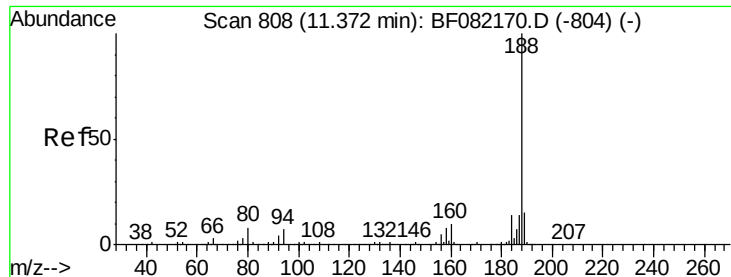
#62
Azobenzene
Concen: 48.18 ng
RT: 10.57 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

Tgt Ion: 77 Resp: 464588
Ion Ratio Lower Upper
77 100
182 18.0 0.5 40.5
105 21.0 1.8 41.8
51 31.6 11.2 51.2



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: 11.36 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

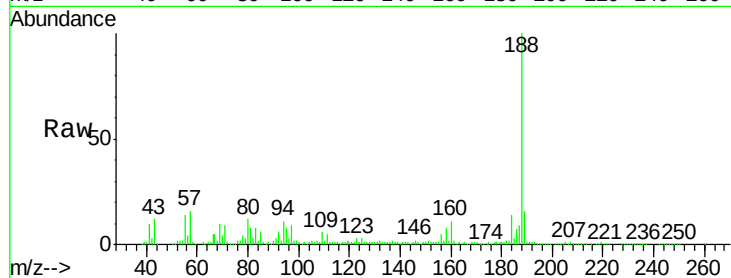
Tot Ion:188 Resp: 246964

Ion Ratio Lower Upper

188 100

94 10.6 5.8 8.6#

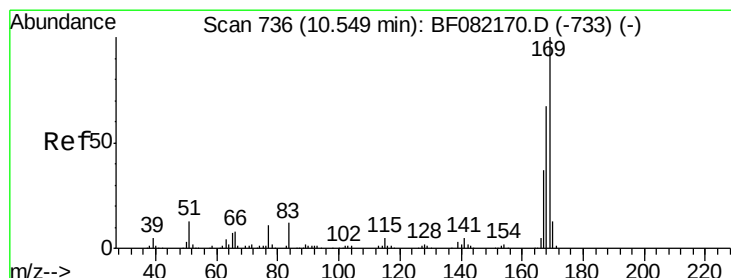
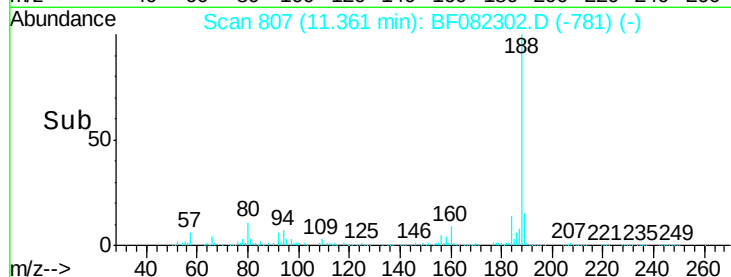
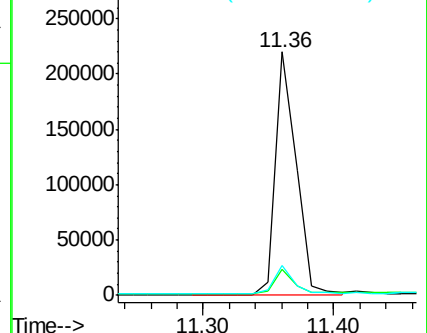
80 12.0 6.4 9.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#65

n-Nitrosodiphenylamine

Concen: 55.83 ng

RT: 10.54 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

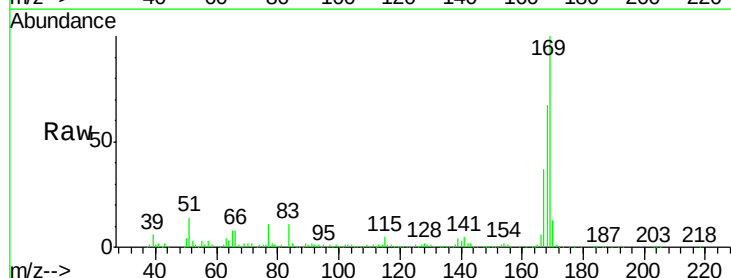
Tgt Ion:169 Resp: 412797

Ion Ratio Lower Upper

169 100

168 67.0 54.0 81.0

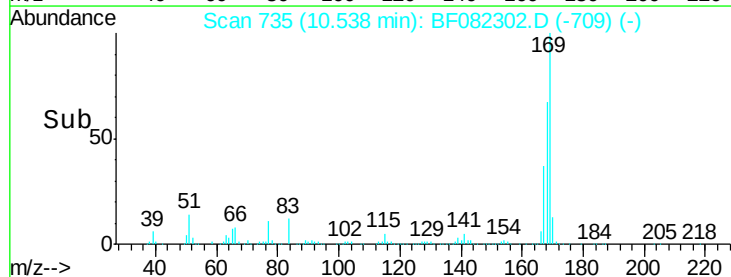
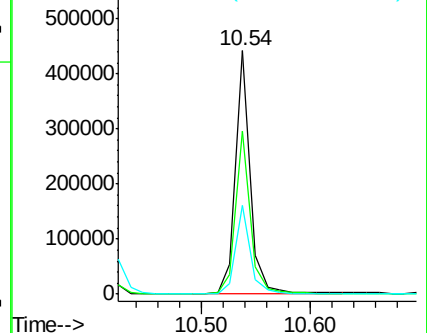
167 36.6 29.6 44.4

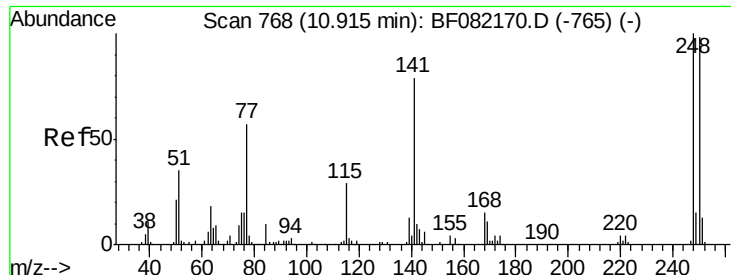


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

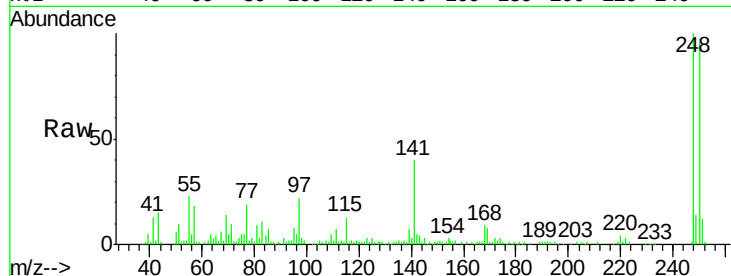




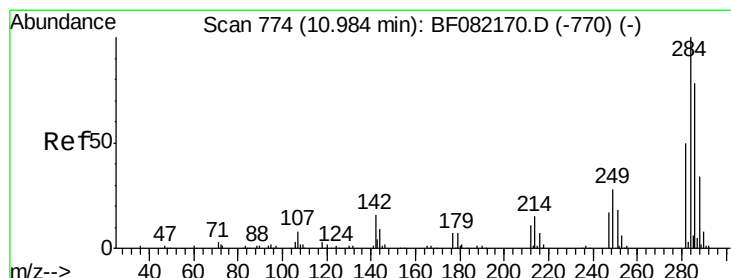
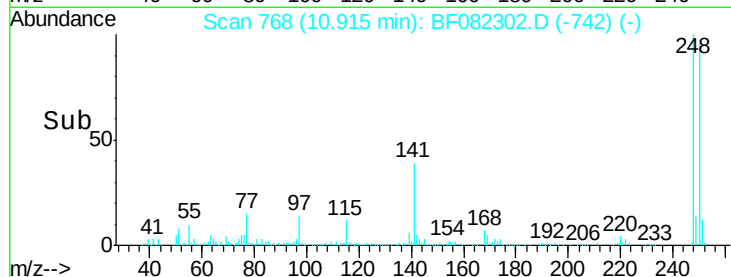
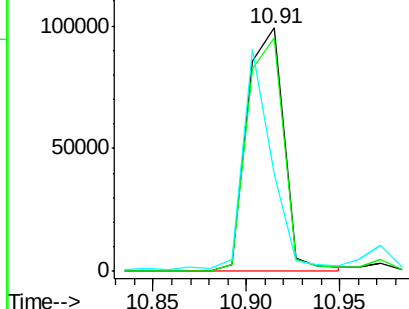
#66
4-Bromophenyl-phenylether
Concen: 54.65 ng
RT: 10.91 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

Instrument :
BNA_F
ClientSampleId :
LF-1MSD

Tot Ion:248 Resp: 135083
Ion Ratio Lower Upper
248 100
250 95.6 78.6 117.8
141 39.9 63.3 94.9#

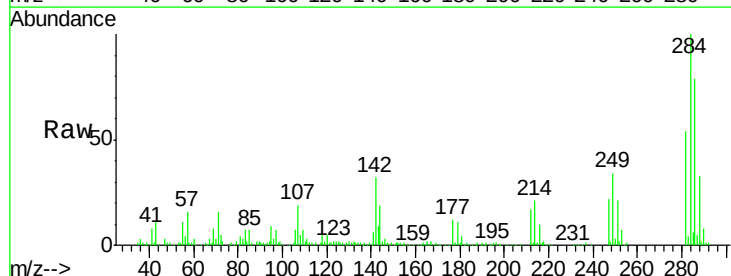


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

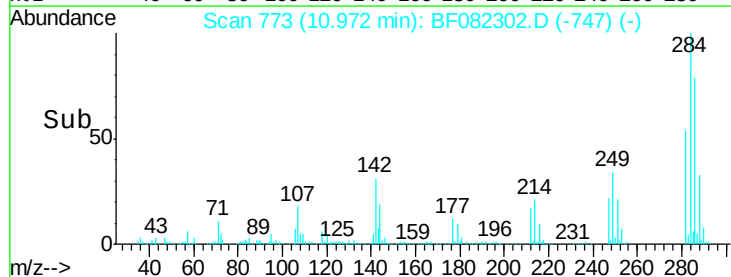
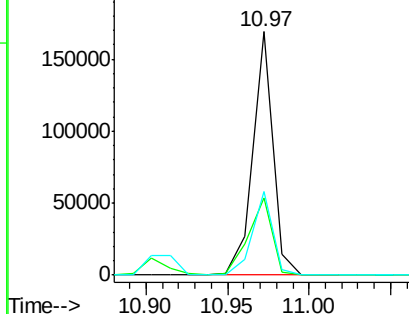


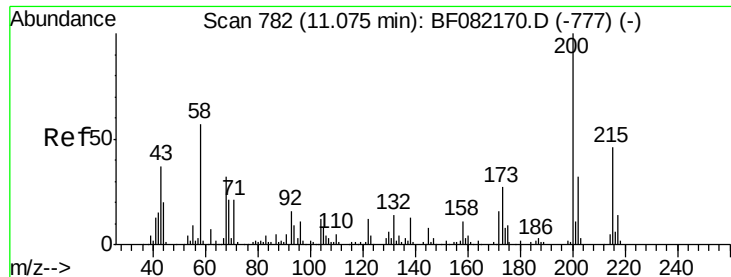
#67
Hexachlorobenzene
Concen: 54.26 ng
RT: 10.97 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

Tgt Ion:284 Resp: 145044
Ion Ratio Lower Upper
284 100
142 31.5 13.0 19.6#
249 34.2 22.5 33.7#



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

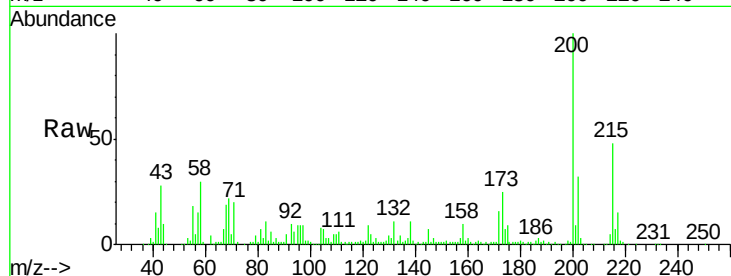




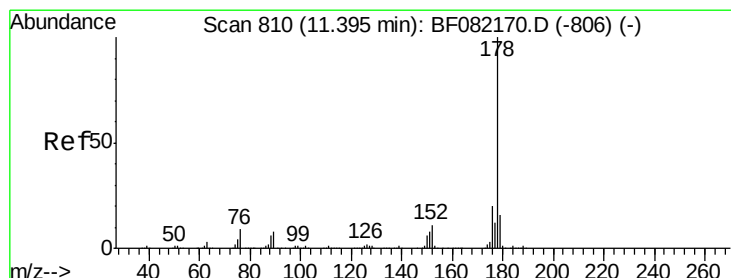
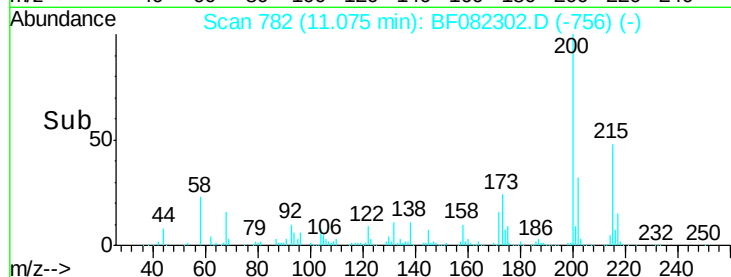
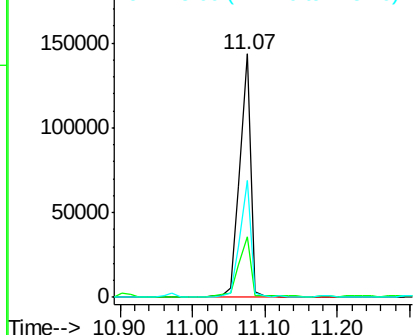
#68
 Atrazine
 Concen: 65.69 ng
 RT: 11.07 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 6:14

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MSD

Tot Ion:200 Resp: 153878
 Ion Ratio Lower Upper
 200 100
 173 24.7 7.3 47.3
 215 47.8 26.2 66.2

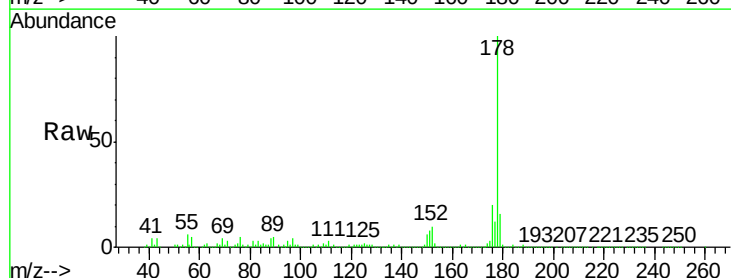


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

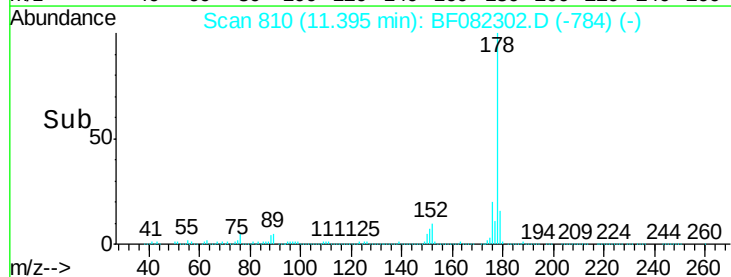
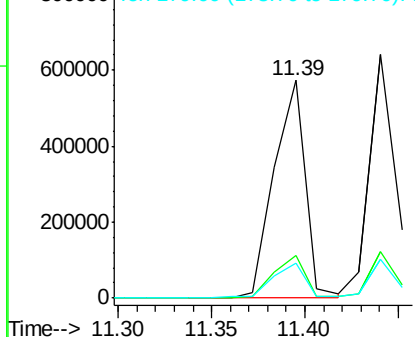


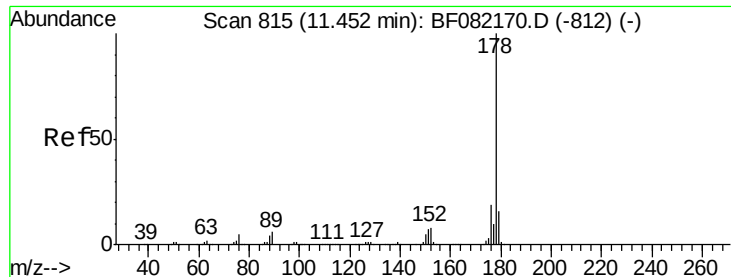
#70
 Phenanthrene
 Concen: 54.74 ng
 RT: 11.39 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 6:14

Tgt Ion:178 Resp: 662622
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 15.9 12.6 19.0



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

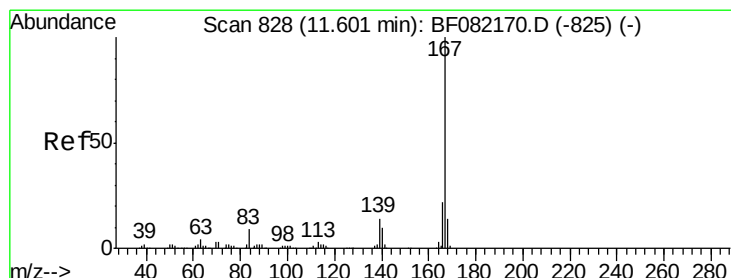
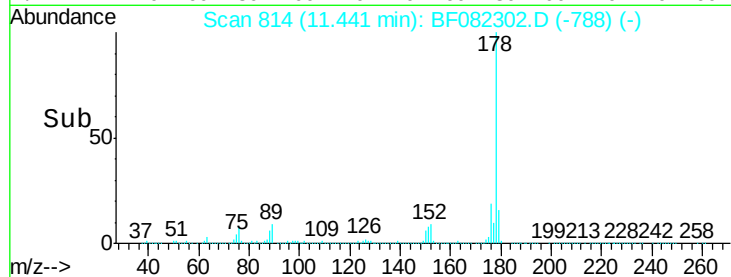
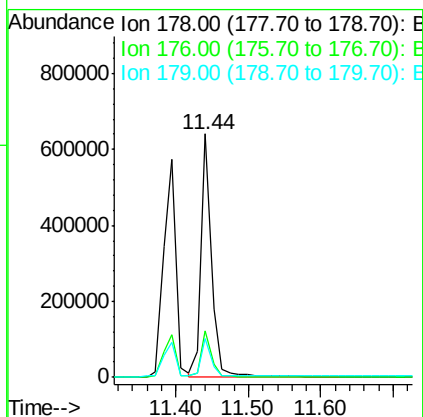
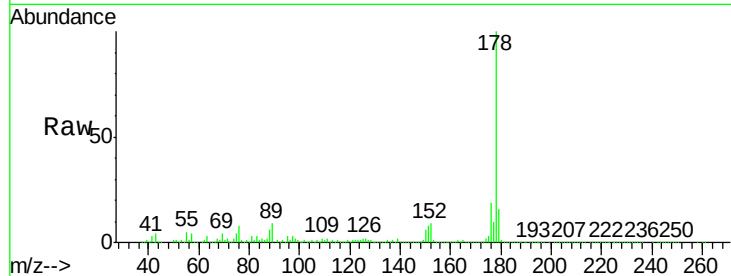




#71
 Anthracene
 Concen: 52.08 ng
 RT: 11.44 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 6:14

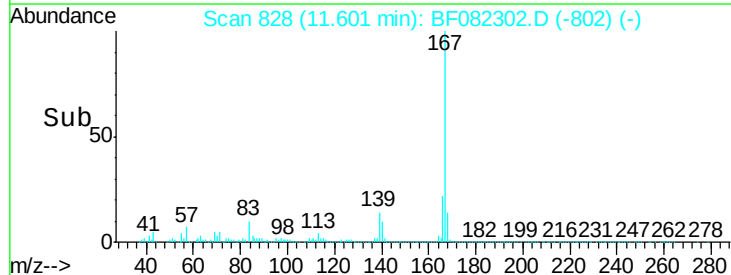
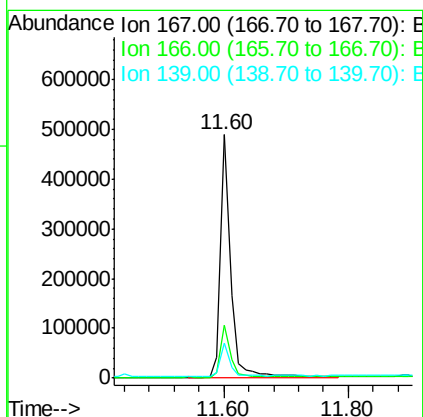
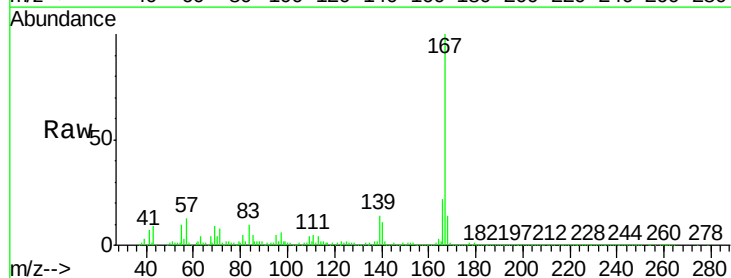
Instrument :
 BNA_F
 ClientSampleId :
 LF-1MSD

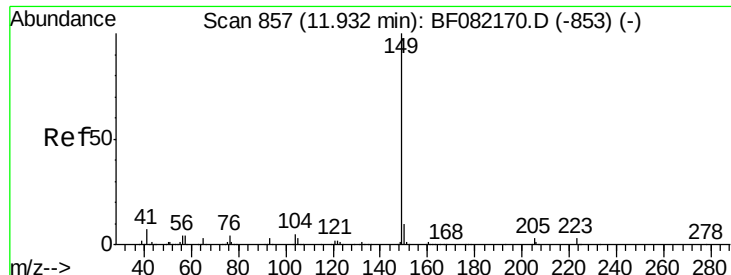
Tot Ion:178 Resp: 649646
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.0
 179 16.0 12.5 18.7



#72
 Carbazole
 Concen: 47.80 ng
 RT: 11.60 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 6:14

Tgt Ion:167 Resp: 543888
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 14.4 11.2 16.8





#73

Di-n-butylphthalate

Concen: 49.55 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampled :

LF-1MSD

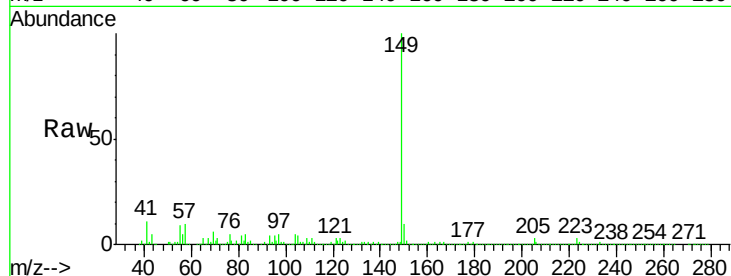
Tot Ion:149 Resp: 695503

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

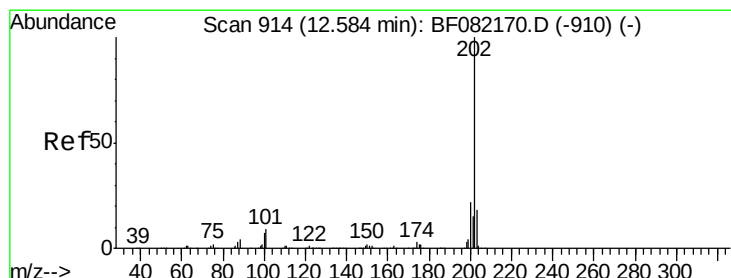
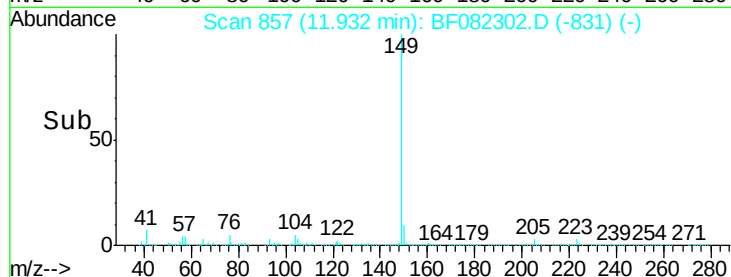
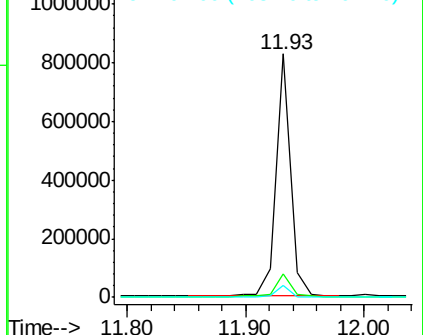
104 4.8 3.8 5.8



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: 42.03 ng

RT: 12.59 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

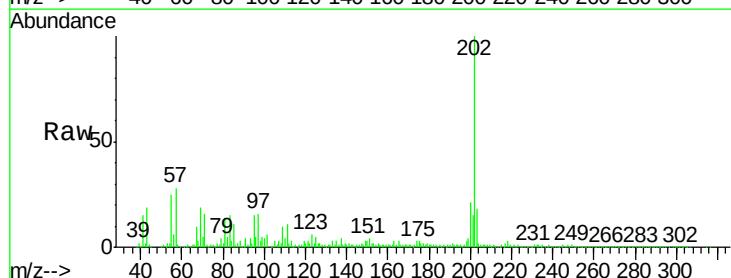
Tgt Ion:202 Resp: 546466

Ion Ratio Lower Upper

202 100

101 5.8 0.0 29.3

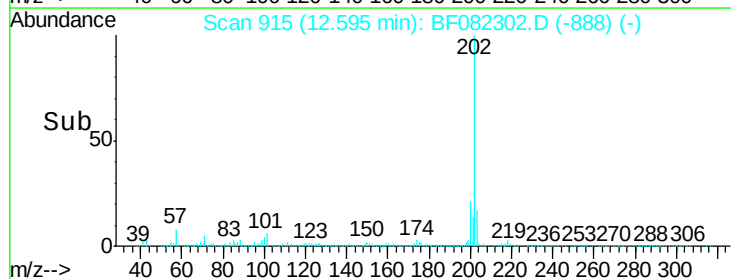
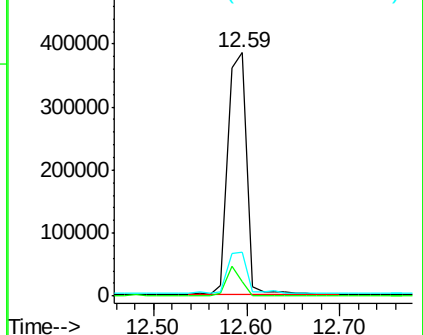
203 17.9 0.0 37.8

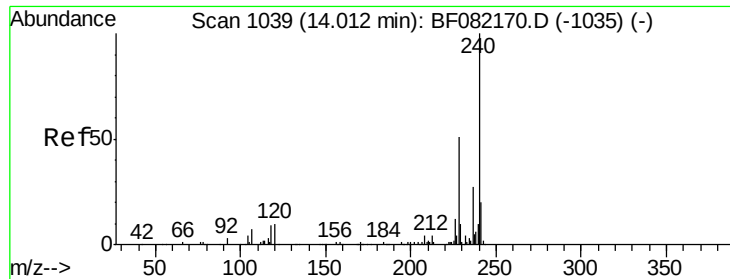


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.09 min Scan# 1046

Delta R.T. 0.06 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

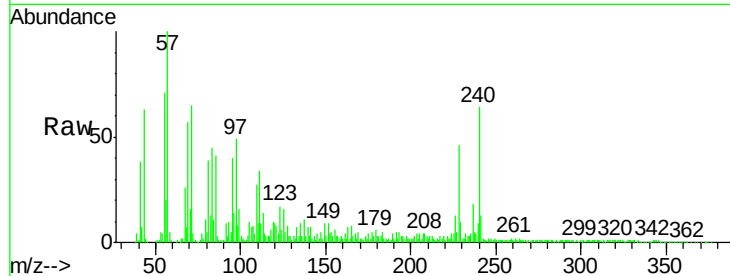
Tot Ion:240 Resp: 147512

Ion Ratio Lower Upper

240 100

120 13.6 8.1 12.1#

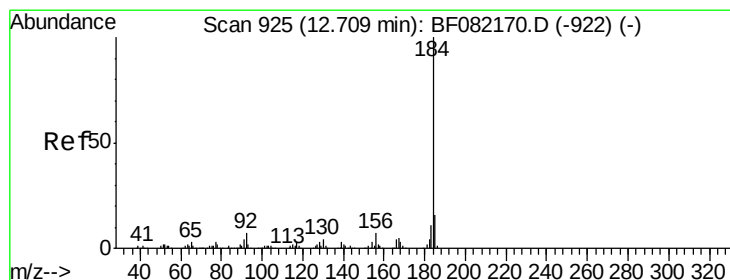
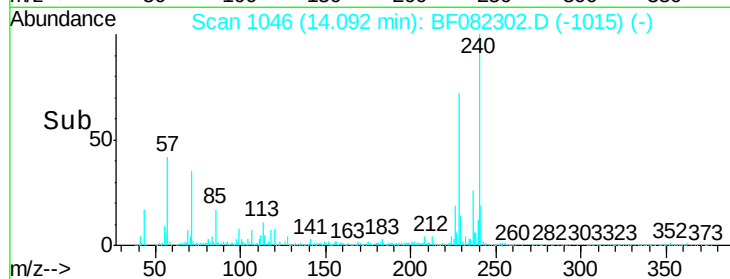
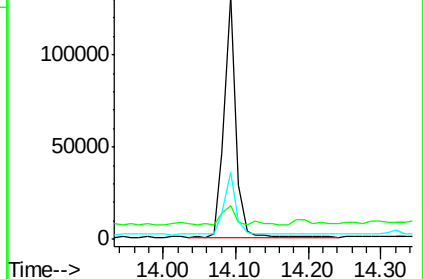
236 27.4 21.3 31.9



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: 33.44 ng

RT: 12.72 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

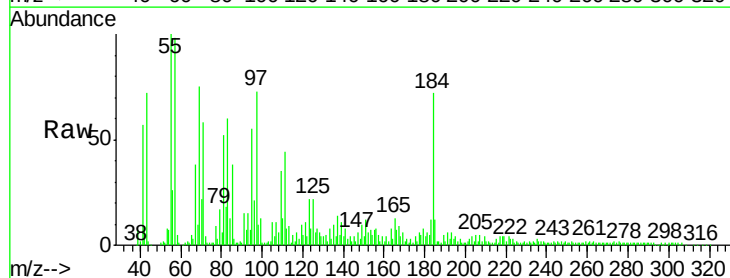
Tgt Ion:184 Resp: 142938

Ion Ratio Lower Upper

184 100

185 16.3 12.5 18.7

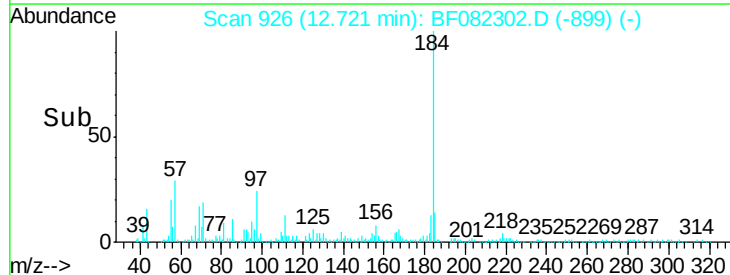
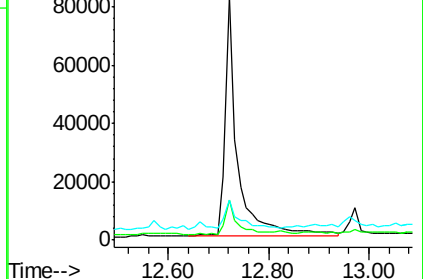
183 16.2 9.1 13.7#

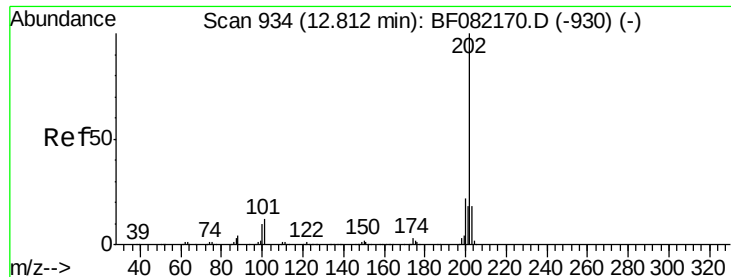


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 62.08 ng

RT: 12.82 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

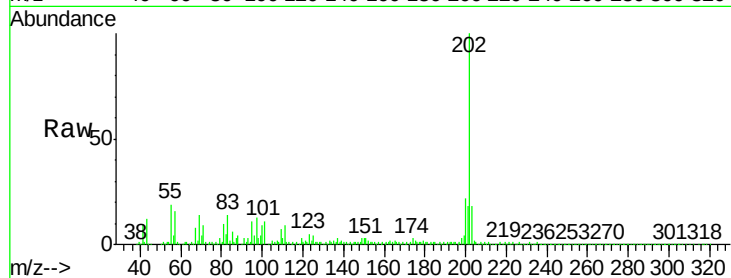
Tot Ion:202 Resp: 543463

Ion Ratio Lower Upper

202 100

200 21.9 17.9 26.9

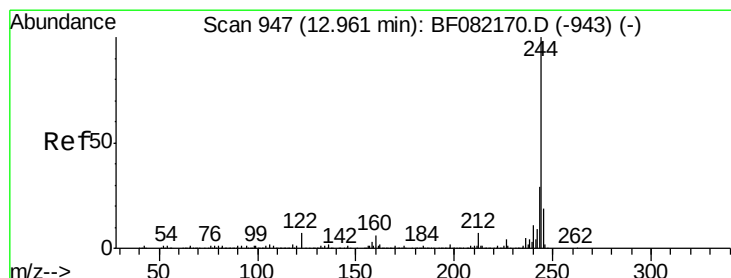
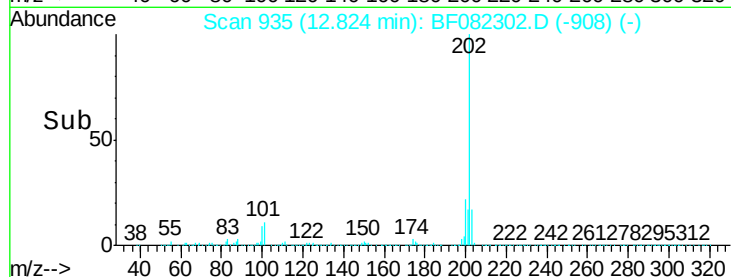
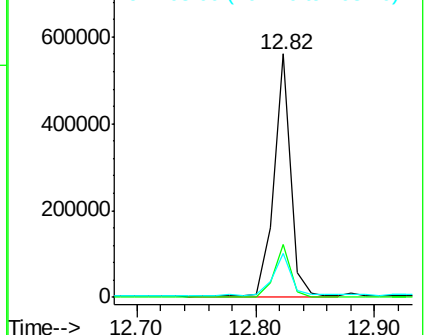
203 18.0 14.5 21.7



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: 118.73 ng

RT: 12.97 min Scan# 948

Delta R.T. 0.01 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

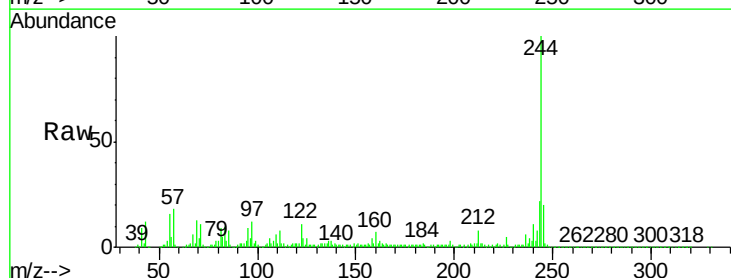
Tgt Ion:244 Resp: 660935

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

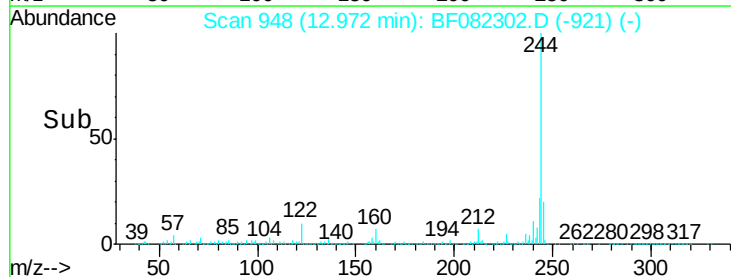
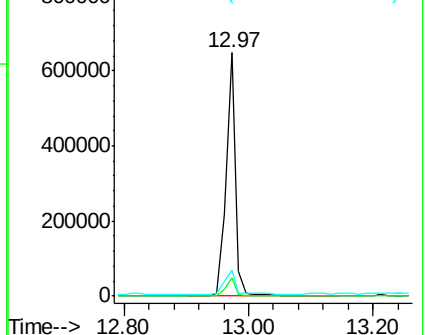
122 10.6 5.9 8.9#

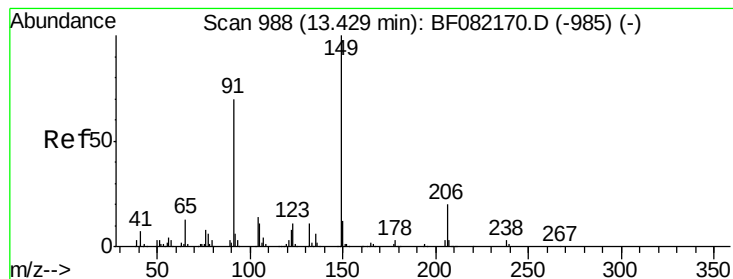


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 51.14 ng

RT: 13.46 min Scan# 991

Delta R.T. 0.02 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

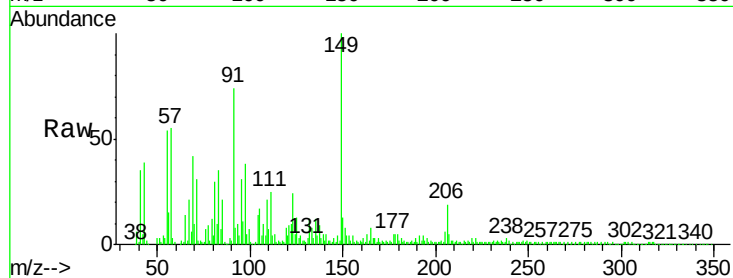
Tot Ion:149 Resp: 204304

Ion Ratio Lower Upper

149 100

91 73.7 55.7 83.5

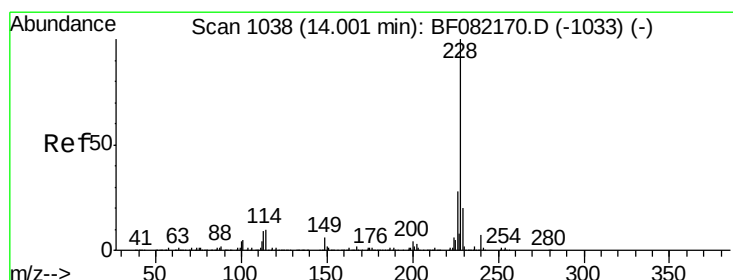
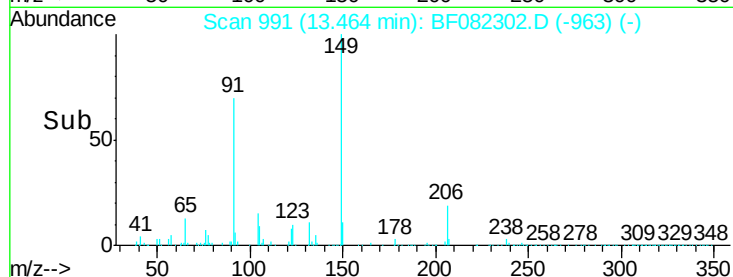
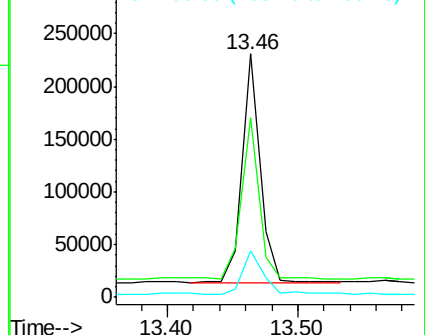
206 18.9 15.6 23.4



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: 54.78 ng

RT: 14.08 min Scan# 1045

Delta R.T. 0.06 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

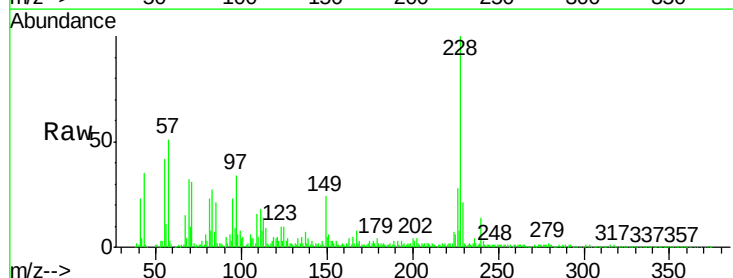
Tgt Ion:228 Resp: 420405

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

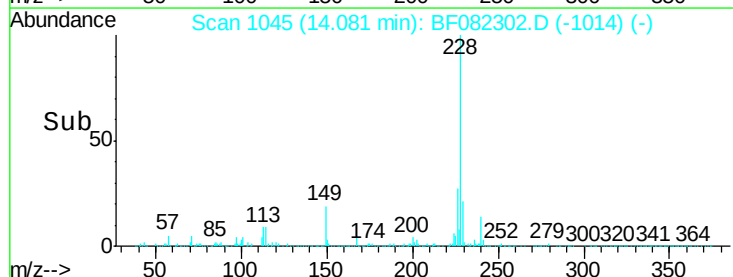
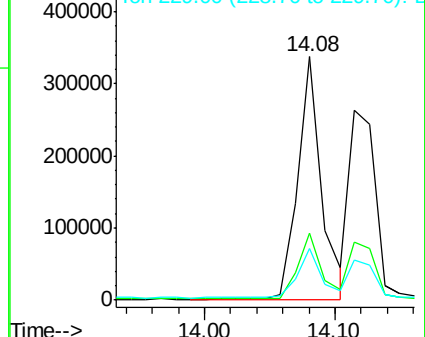
229 21.4 16.2 24.2

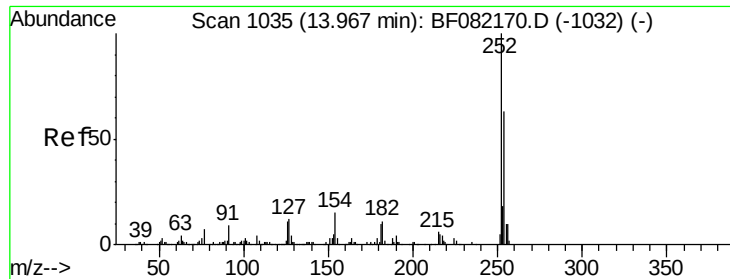


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

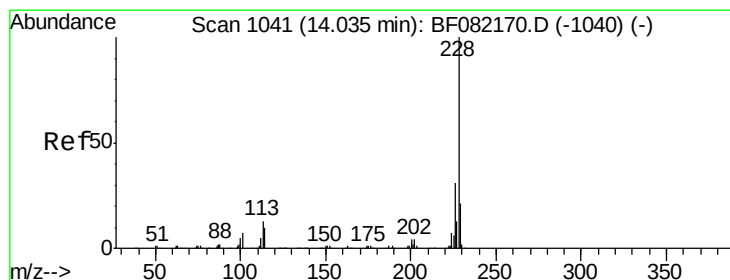
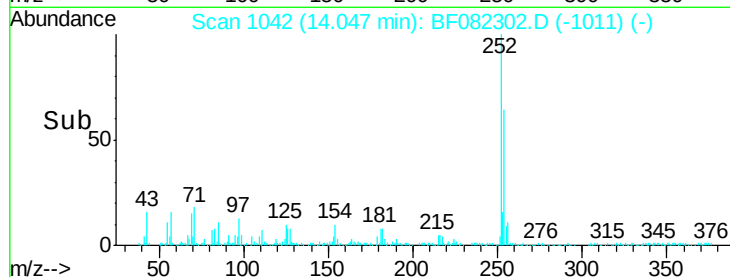
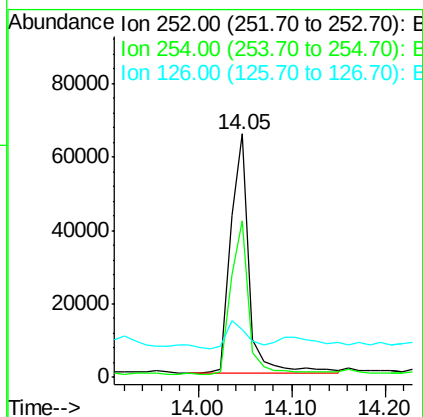
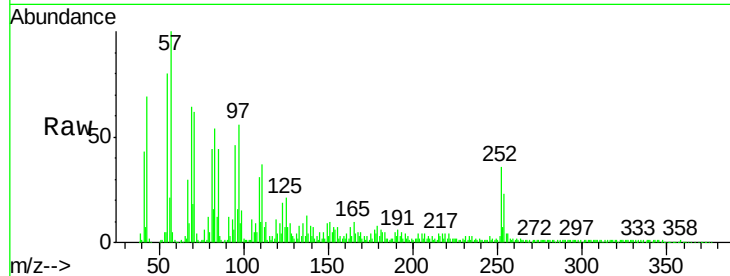




#81
 3,3'-Dichlorobenzidine
 Concen: 30.44 ng
 RT: 14.05 min Scan# 1042
 Delta R.T. 0.06 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 6:14

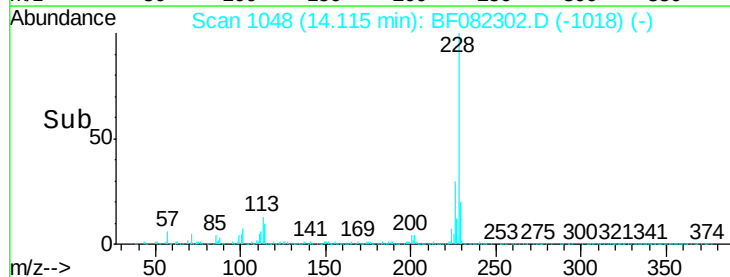
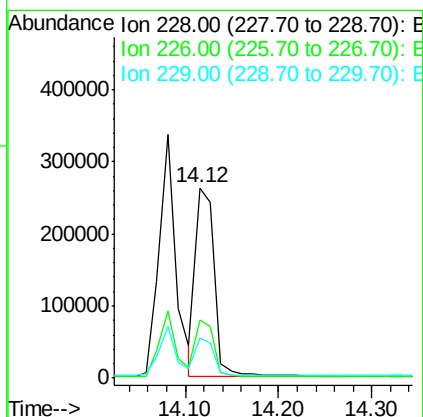
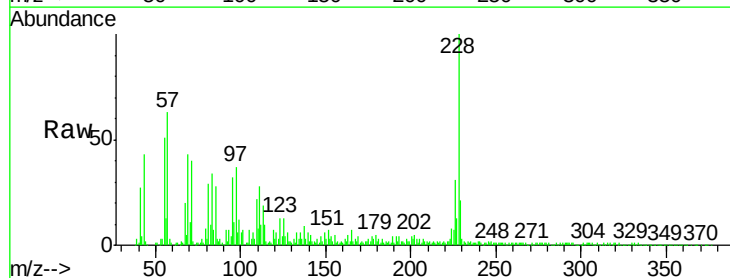
Instrument :
 BNA_F
 ClientSampleId :
 LF-1MSD

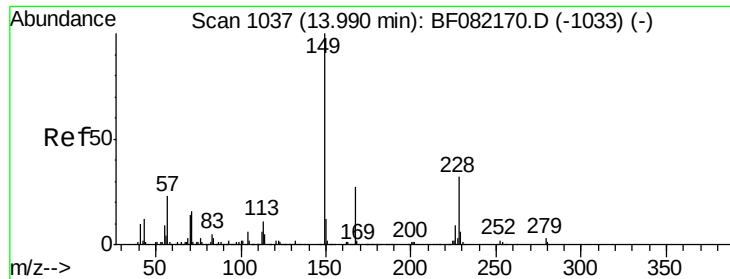
Tot Ion:252 Resp: 88693
 Ion Ratio Lower Upper
 252 100
 254 64.2 50.7 76.1
 126 19.6 9.0 13.6#



#82
 Chrysene
 Concen: 46.22 ng
 RT: 14.12 min Scan# 1048
 Delta R.T. 0.05 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 6:14

Tgt Ion:228 Resp: 373788
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.4 36.6
 229 21.1 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.97 ng

RT: 14.07 min Scan# 1044

Delta R.T. 0.06 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

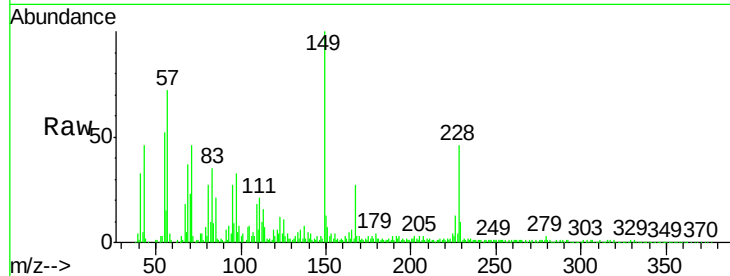
Tot Ion:149 Resp: 273419

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

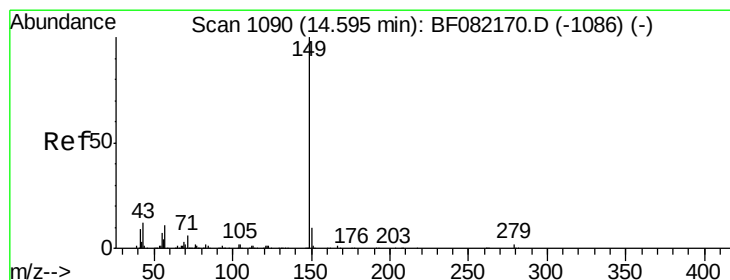
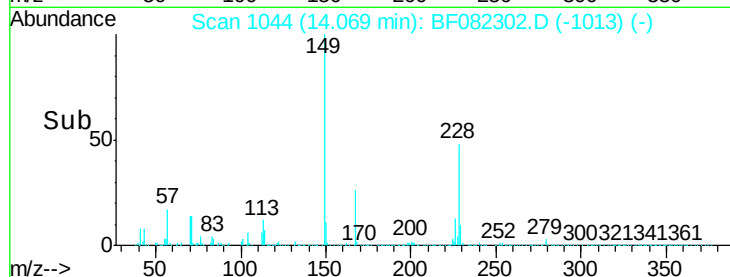
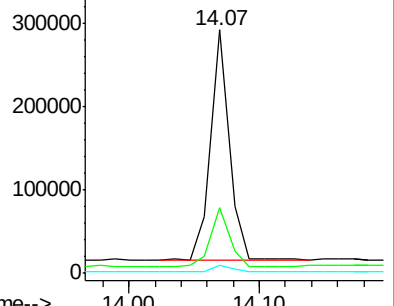
279 3.3 2.6 4.0



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: 44.92 ng

RT: 14.77 min Scan# 1105

Delta R.T. 0.09 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

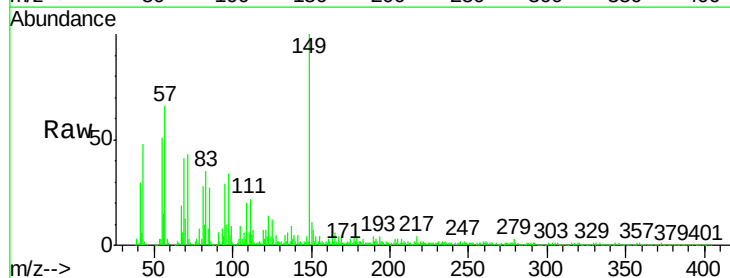
Tgt Ion:149 Resp: 439651

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

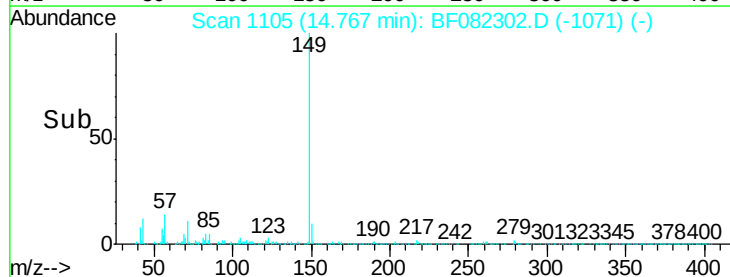
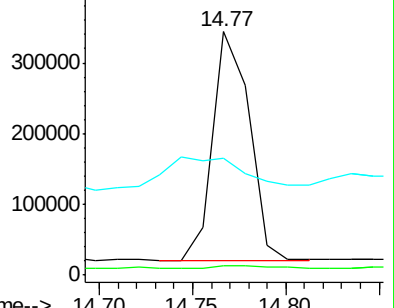
43 0.0 7.4 11.2#

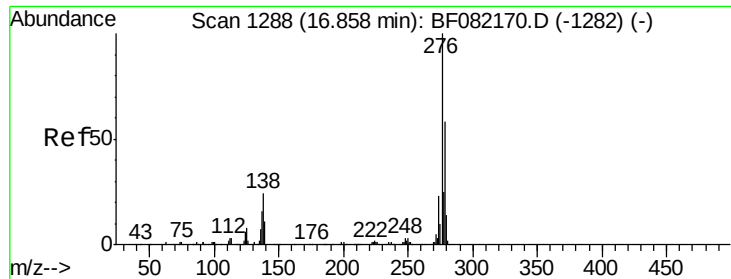


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

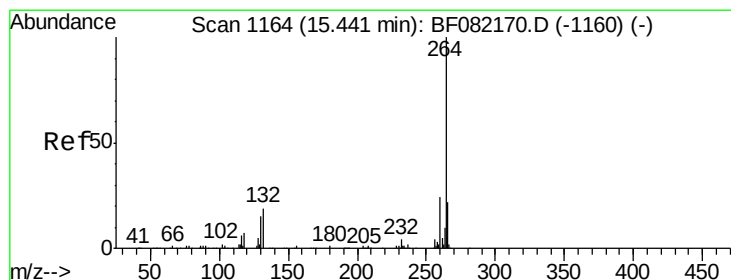
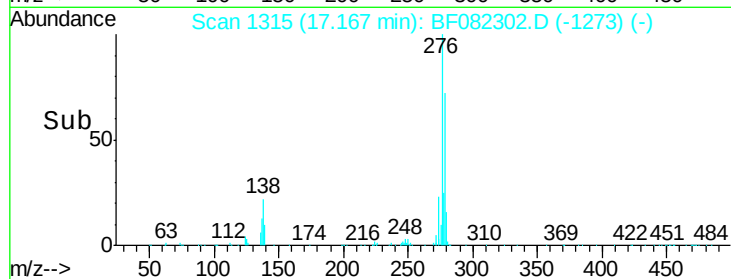
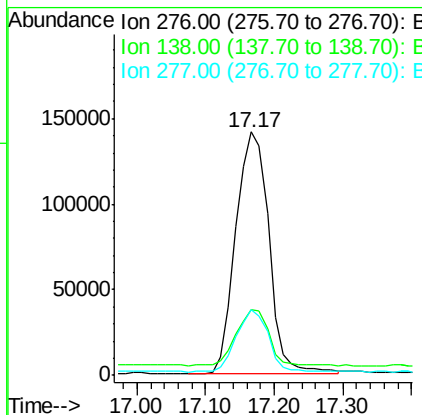
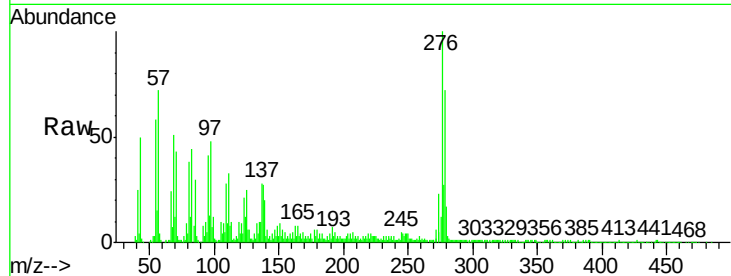




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 73.22 ng
 RT: 17.17 min Scan# 1315
 Delta R.T. 0.18 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 6:14

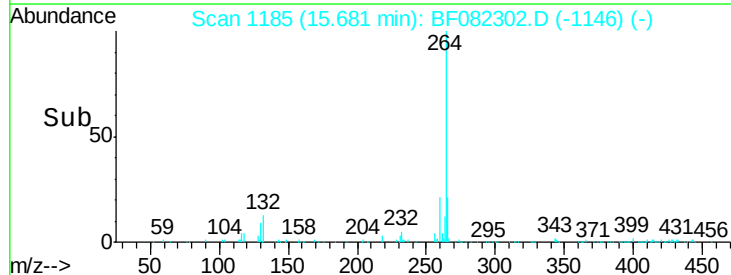
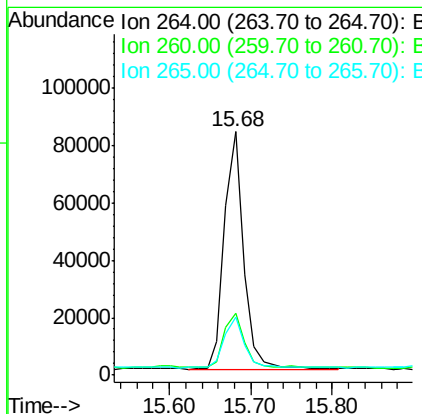
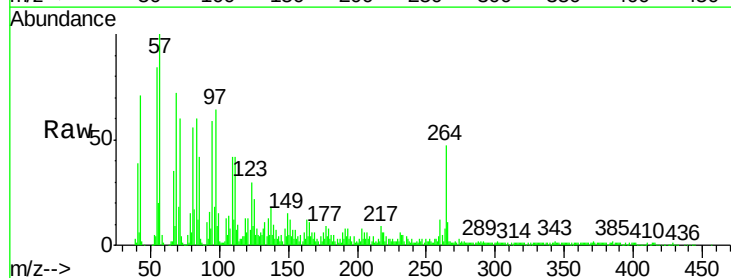
Instrument :
 BNA_F
 ClientSampleId :
 LF-1MSD

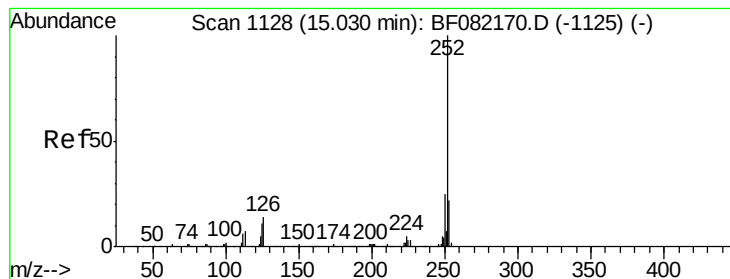
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	19.7	29.5
277	24.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.68 min Scan# 1185
 Delta R.T. 0.15 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 6:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.0	28.6
265	24.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 89.47 ng

RT: 15.27 min Scan# 1149

Delta R.T. 0.15 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

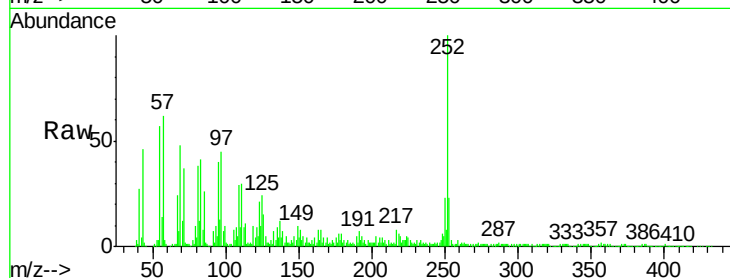
Tot Ion:252 Resp: 743457

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

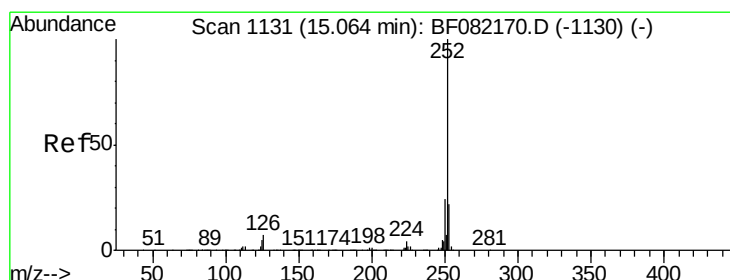
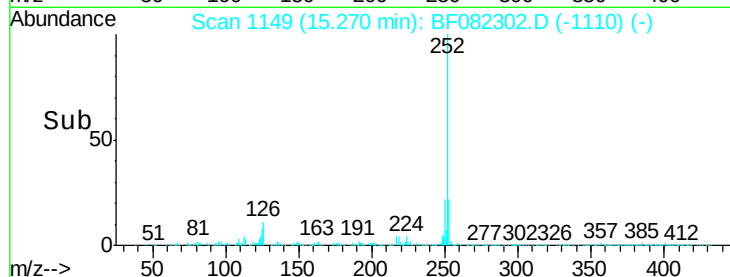
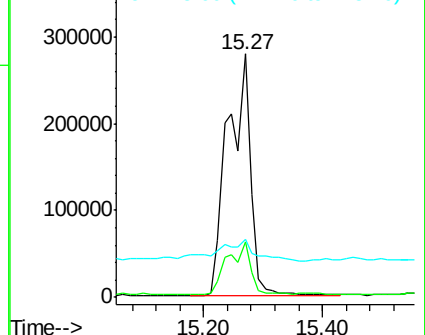
125 23.6 8.6 12.8#



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: 106.45 ng

RT: 15.27 min Scan# 1149

Delta R.T. 0.13 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

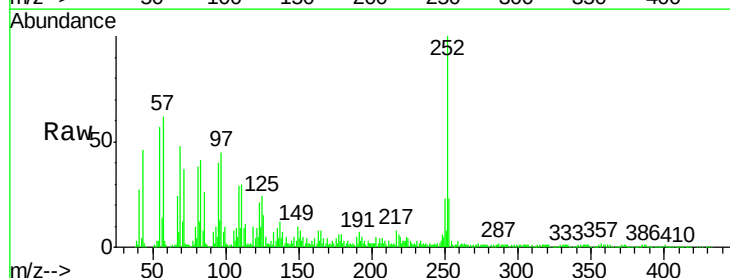
Tgt Ion:252 Resp: 743457

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

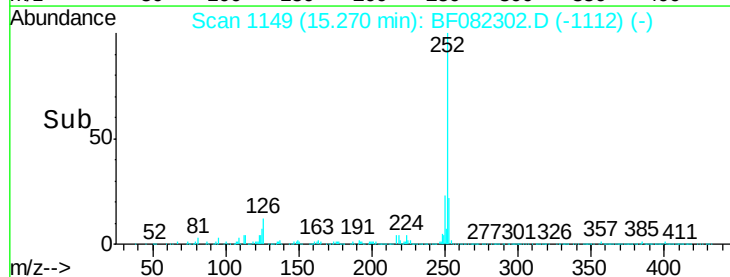
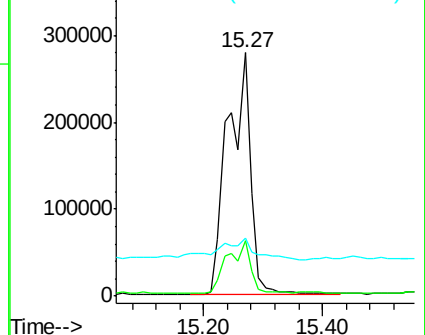
125 23.6 6.7 10.1#

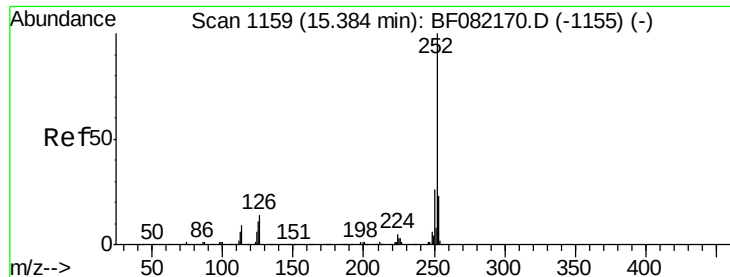


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

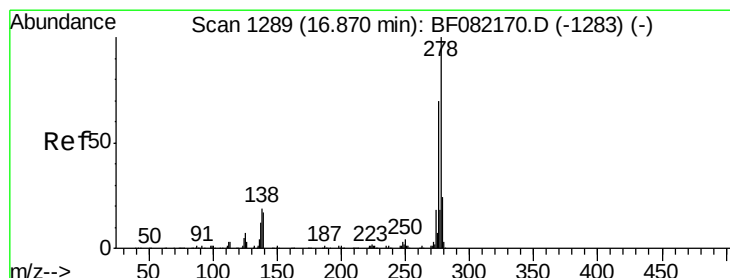
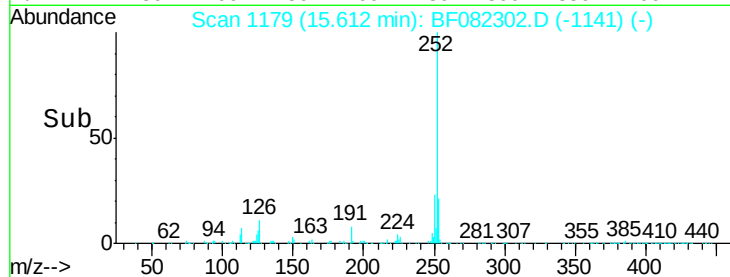
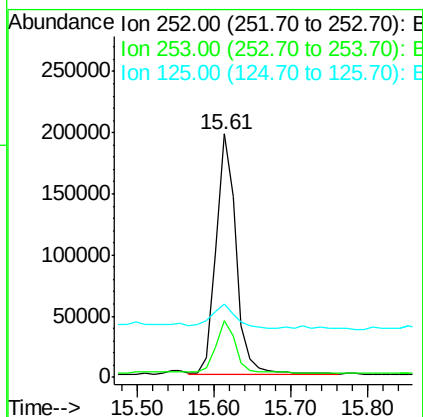
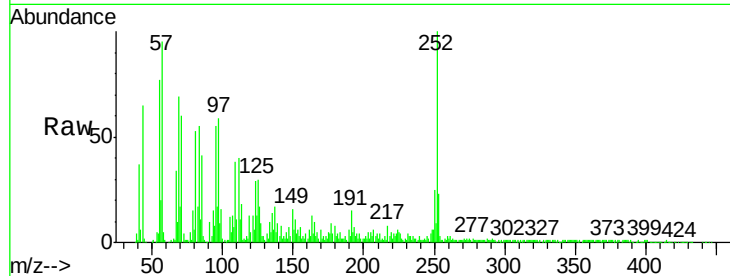




#89
Benzo(a)pyrene
Concen: 49.81 ng
RT: 15.61 min Scan# 1179
Delta R.T. 0.14 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

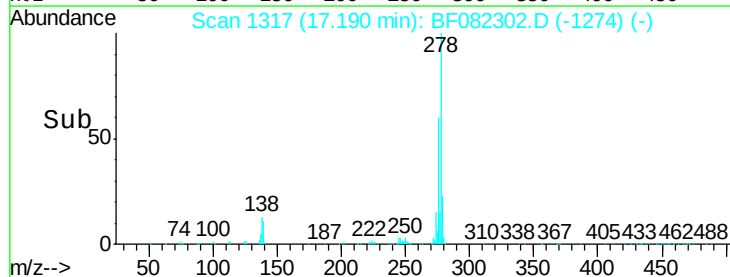
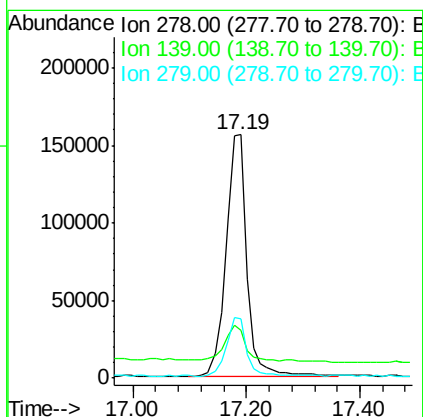
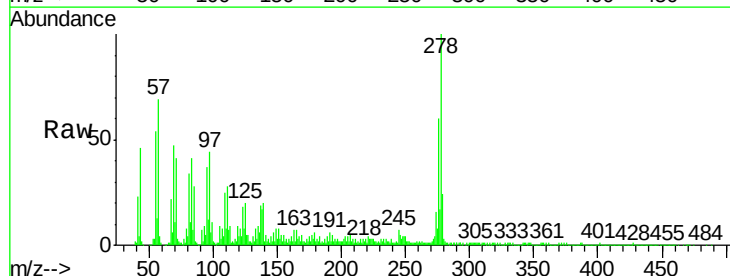
Instrument :
BNA_F
ClientSampleId :
LF-1MSD

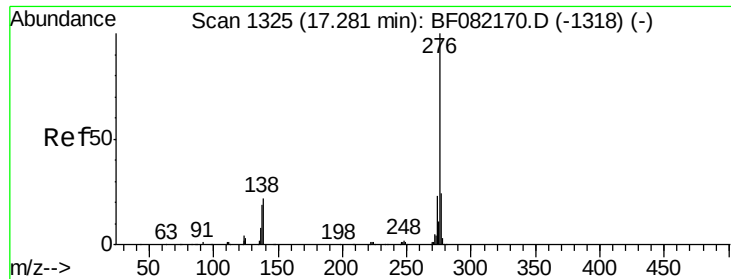
Tot Ion:252 Resp: 355701
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 30.3 8.9 13.3#



#90
Dibenzo(a,h)anthracene
Concen: 68.42 ng
RT: 17.19 min Scan# 1317
Delta R.T. 0.19 min
Lab File: BF082302.D
Acq: 15 Oct 2015 6:14

Tgt Ion:278 Resp: 400424
Ion Ratio Lower Upper
278 100
139 19.8 13.3 19.9
279 24.2 18.9 28.3





#91

Benzo(a,h,i)perylene

Concen: 71.18 ng

RT: 17.61 min Scan# 1354

Delta R.T. 0.21 min

Lab File: BF082302.D

Acq: 15 Oct 2015 6:14

Instrument :

BNA_F

ClientSampleId :

LF-1MSD

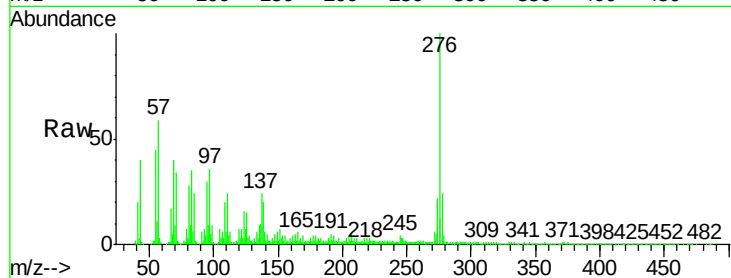
Tot Ion: 276 Resp: 404669

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 20.2 17.4 26.2



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

