

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082301.D
 Acq On : 15 Oct 2015 5:45
 Operator : UM/IZ
 Sample : G4015-05MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MS

Quant Time: Oct 15 06:40:13 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	79839	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	317665	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	154917	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	285222	20.00	ng	0.00
75) Chrysene-d12	14.05	240	157971	20.00	ng	0.01
86) Perylene-d12	15.58	264	148032	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	98171	24.82	ng	0.01
7) Phenol-d6	6.46	99	306495	59.54	ng	-0.01
23) Nitrobenzene-d5	7.39	82	345562	73.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	13130	9.04	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	701640	75.11	ng	-0.01
78) Terphenyl-d14	12.96	244	540481	90.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	46451	23.37	ng	95
3) Pyridine	3.12	79	125538	27.16	ng	98
4) n-Nitrosodimethylamine	3.07	42	57322	29.24	ng	94
6) Aniline	6.48	93	100251	15.10	ng	# 64
8) 2-Chlorophenol	6.61	128	54050	11.19	ng	93
9) Benzaldehyde	6.37	77	70637	26.87	ng	92
10) Phenol	6.48	94	109830	18.50	ng	# 61
11) bis(2-Chloroethyl)ether	6.56	93	154953	30.87	ng	96
12) 1,3-Dichlorobenzene	6.99	146	187009	33.25	ng	97
13) 1,4-Dichlorobenzene	6.85	146	179419	30.55	ng	96
14) 1,2-Dichlorobenzene	6.99	146	193822	34.75	ng	94
15) Benzyl Alcohol	6.97	79	131739	37.07	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	233841	33.46	ng	98
17) 2-Methylphenol	7.09	107	102156	26.75	ng	99
18) Hexachloroethane	7.34	117	62498	31.09	ng	# 81
19) n-Nitroso-di-n-propylamine	7.25	70	117142	32.40	ng	95
20) 3+4-Methylphenols	7.25	107	113852	25.02	ng	# 85
22) Acetophenone	7.23	105	215090	34.23	ng	# 92
24) Nitrobenzene	7.42	77	163554	31.94	ng	# 85
25) Isophorone	7.65	82	283400	29.68	ng	97
26) 2-Nitrophenol	7.73	139	10010	3.92	ng	# 78
27) 2,4-Dimethylphenol	7.77	122	105337	25.57	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	180949	32.57	ng	97
29) 2,4-Dichlorophenol	7.98	162	32068	7.79	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	158805	33.46	ng	97
31) Naphthalene	8.14	128	479098	34.79	ng	99
32) Benzoic acid	7.77	122	105337	38.10	ng	# 14
33) 4-Chloroaniline	8.19	127	101103	17.68	ng	95
34) Hexachlorobutadiene	8.25	225	100696	34.05	ng	96
35) Caprolactam	8.54	113	38032	31.83	ng	97
36) 4-Chloro-3-methylphenol	8.67	107	76844	19.08	ng	92
37) 2-Methylnaphthalene	8.82	142	319099	33.43	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	165442	35.90	ng	99
40) Hexachlorocyclopentadiene	8.98	237	94440	44.60	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082301.D
 Acq On : 15 Oct 2015 5:45
 Operator : UM/IZ
 Sample : G4015-05MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MS

Quant Time: Oct 15 06:40:13 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

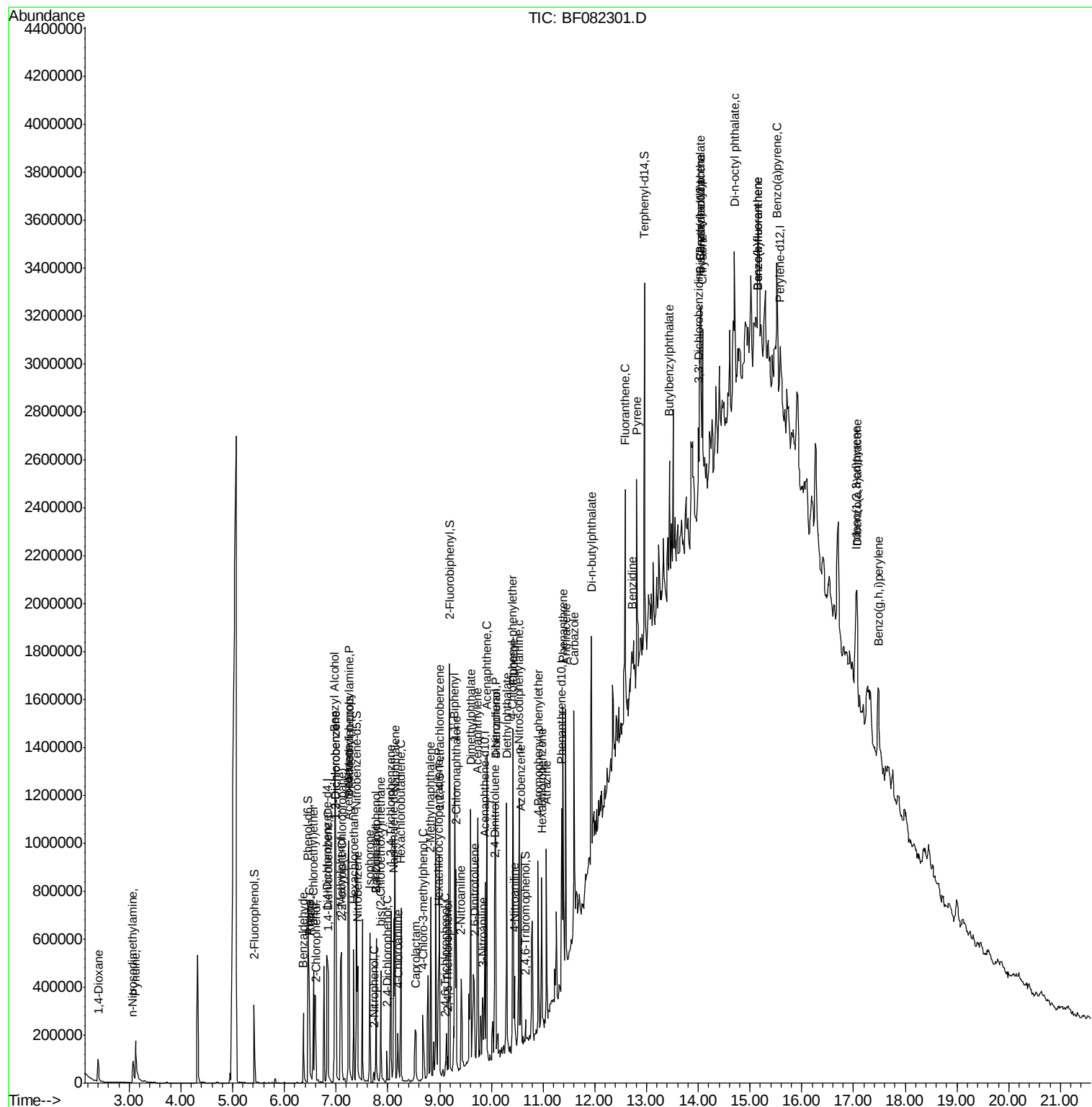
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	8439	2.76	nq	97
43) 2,4,5-Trichlorophenol	9.15	196	14163	4.27	nq	# 90
45) 1,1'-Biphenyl	9.29	154	394705	33.41	nq	98
46) 2-Chloronaphthalene	9.31	162	304004	32.69	nq	# 93
47) 2-Nitroaniline	9.42	65	91138	35.70	nq	97
48) Acenaphthylene	9.74	152	517558	35.73	nq	98
49) Dimethylphthalate	9.60	163	484594	44.42	nq	99
50) 2,6-Dinitrotoluene	9.67	165	77086	33.49	nq	# 81
51) Acenaphthene	9.91	154	305223	35.10	nq	99
52) 3-Nitroaniline	9.84	138	72117	27.74	nq	90
54) Dibenzofuran	10.08	168	471422	39.48	nq	97
55) 4-Nitrophenol	10.08	139	183114	94.78	nq	# 13
56) 2,4-Dinitrotoluene	10.07	165	104244	36.23	nq	# 83
57) Fluorene	10.42	166	360851	36.80	nq	100
59) Diethylphthalate	10.30	149	382258	37.59	nq	98
60) 4-Chlorophenyl-phenylether	10.41	204	158443	35.27	nq	99
61) 4-Nitroaniline	10.45	138	78450	31.11	nq	94
62) Azobenzene	10.57	77	337235	33.89	nq	98
65) n-Nitrosodiphenylamine	10.54	169	321148	37.61	nq	100
66) 4-Bromophenyl-phenylether	10.90	248	97717	34.23	nq	92
67) Hexachlorobenzene	10.97	284	111209	36.02	nq	# 94
68) Atrazine	11.06	200	97832	36.16	nq	98
70) Phenanthrene	11.38	178	477025	34.12	nq	100
71) Anthracene	11.44	178	514336	35.70	nq	100
72) Carbazole	11.60	167	441844	33.62	nq	98
73) Di-n-butylphthalate	11.93	149	562695	34.71	nq	99
74) Fluoranthene	12.58	202	438564	29.21	nq	99
76) Benzidine	12.72	184	106597	23.29	nq	# 89
77) Pvrene	12.81	202	400389	42.71	nq	98
79) Butylbenzylphthalate	13.44	149	171445	40.07	nq	88
80) Benzo(a)anthracene	14.05	228	299308	36.42	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	64597	20.71	nq	# 94
82) Chrysene	14.08	228	306050	35.34	nq	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	222394	36.44	nq	# 96
84) Di-n-octyl phthalate	14.70	149	336914	32.14	nq	# 78
85) Indeno(1,2,3-cd)pyrene	17.05	276	346434	50.33	nq	100
87) Benzo(b)fluoranthene	15.16	252	546726	60.71	nq	# 88
88) Benzo(k)fluoranthene	15.16	252	546726	72.22	nq	# 87
89) Benzo(a)pyrene	15.52	252	259519	33.53	nq	# 82
90) Dibenzo(a,h)anthracene	17.06	278	290661	45.83	nq	# 95
91) Benzo(g,h,i)perylene	17.49	276	304037	49.34	nq	99

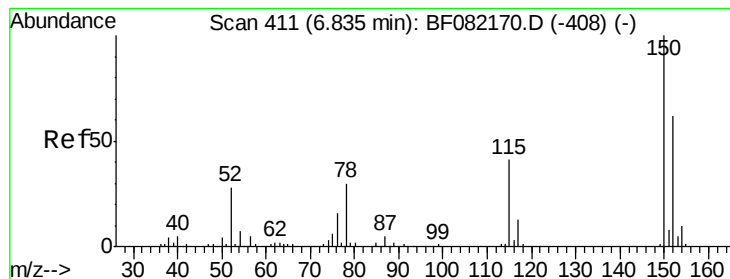
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082301.D
 Acq On : 15 Oct 2015 5:45
 Operator : UM/IZ
 Sample : G4015-05MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampled :
 LF-1MS

Quant Time: Oct 15 06:40:13 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



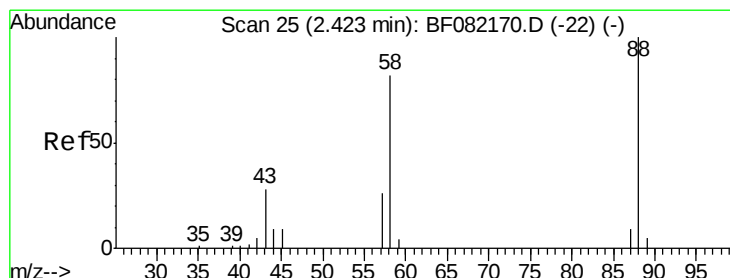
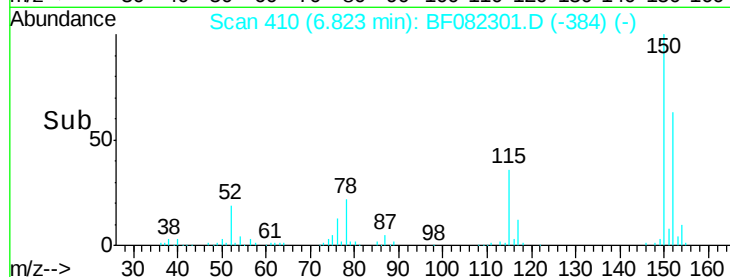
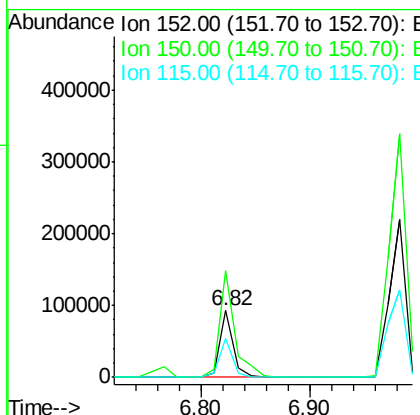
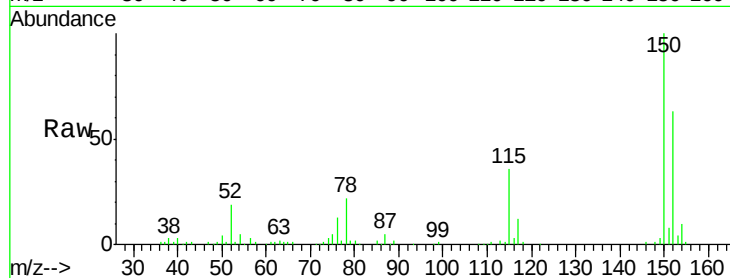


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082301.D
Acq: 15 Oct 2015 5:45

Instrument :
BNA_F
ClientSampleId :
LF-1MS

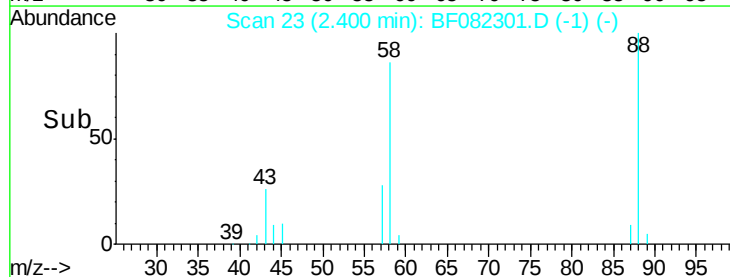
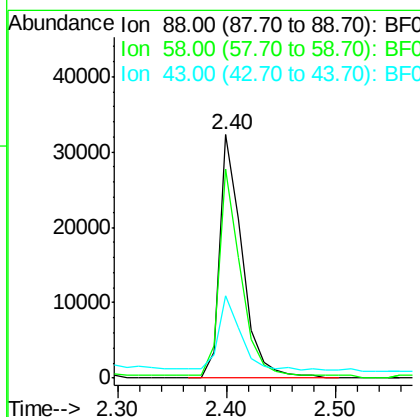
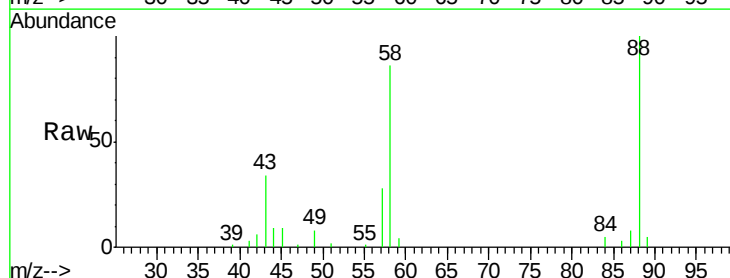
Tot Ion:152 Resp: 79839
Ion Ratio Lower Upper
152 100
150 159.5 129.0 193.4
115 57.7 52.1 78.1

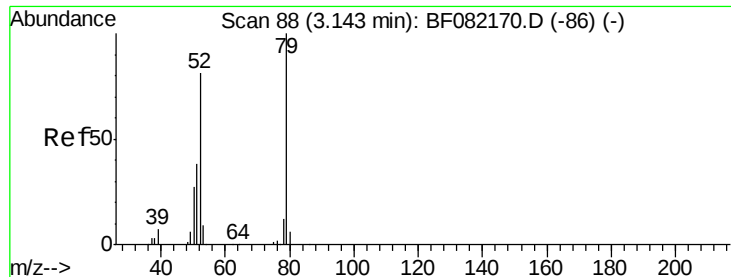


#2

1,4-Dioxane
Concen: 23.37 ng
RT: 2.40 min Scan# 23
Delta R.T. 0.05 min
Lab File: BF082301.D
Acq: 15 Oct 2015 5:45

Tgt Ion: 88 Resp: 46451
Ion Ratio Lower Upper
88 100
58 87.1 66.2 99.4
43 31.8 23.0 34.4





#3

Pvridine

Concen: 27.16 ng

RT: 3.12 min Scan# 86

Delta R.T. 0.05 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

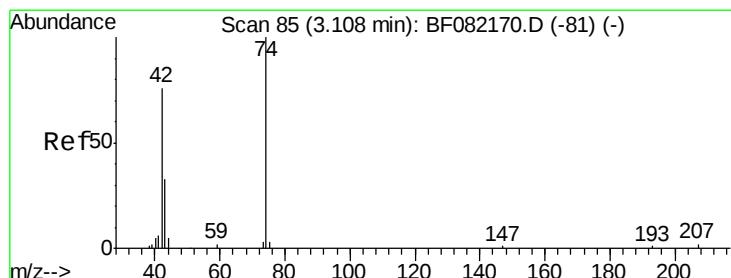
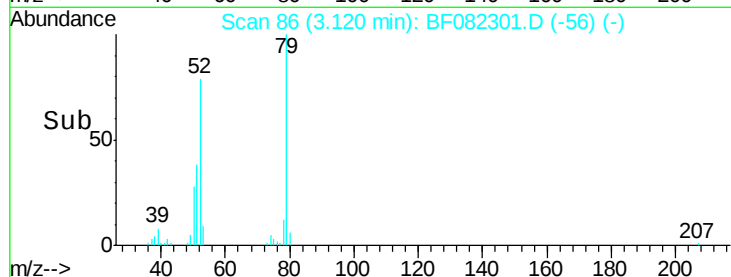
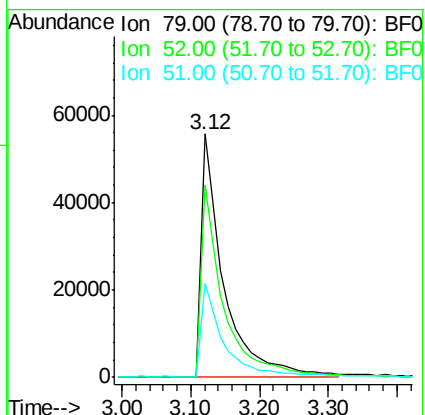
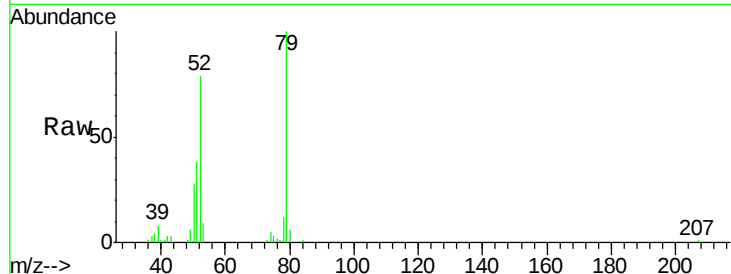
Tot Ion: 79 Resp: 125538

Ion Ratio Lower Upper

79 100

52 78.8 64.4 96.6

51 38.5 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 29.24 ng

RT: 3.07 min Scan# 82

Delta R.T. 0.02 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

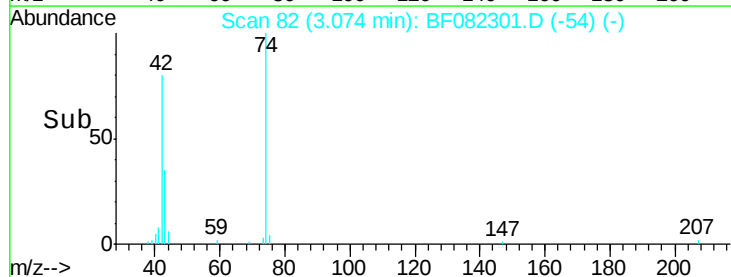
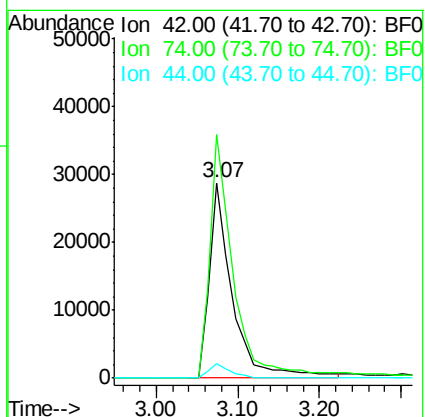
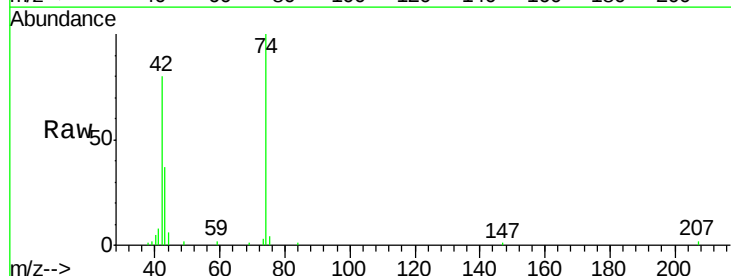
Tgt Ion: 42 Resp: 57322

Ion Ratio Lower Upper

42 100

74 124.5 105.7 158.5

44 7.6 5.4 8.2





#5

2-Fluorophenol

Concen: 24.82 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

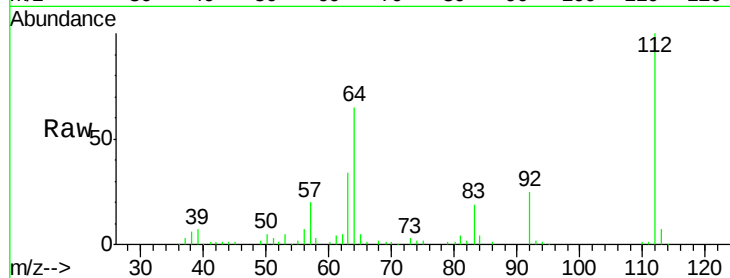
Tot Ion:112 Resp: 98171

Ion Ratio Lower Upper

112 100

64 64.8 48.6 73.0

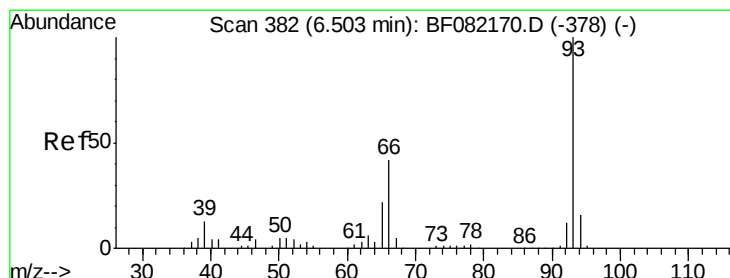
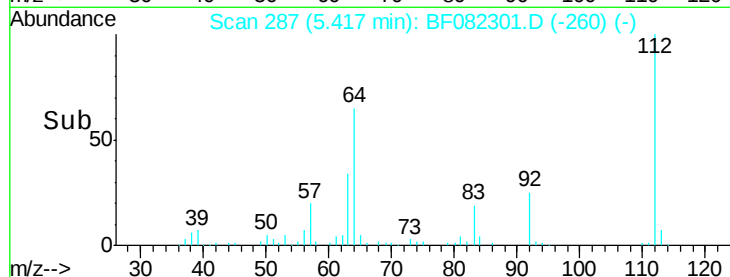
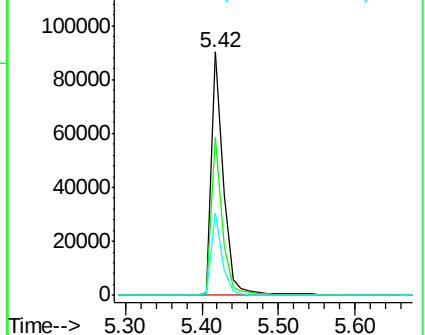
63 33.6 25.1 37.7



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: 15.10 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

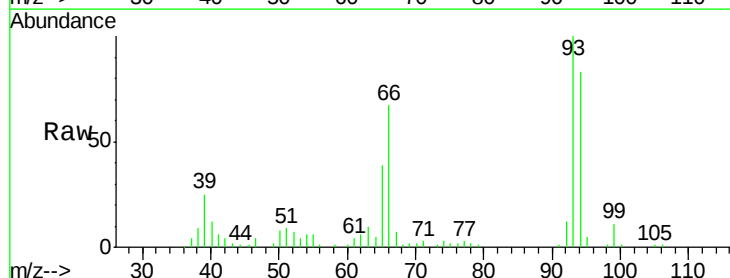
Tgt Ion: 93 Resp: 100251

Ion Ratio Lower Upper

93 100

66 66.7 34.2 51.2#

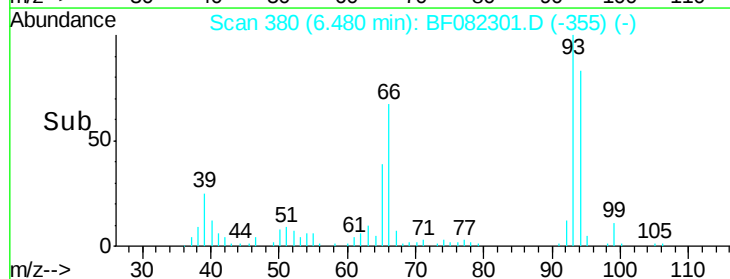
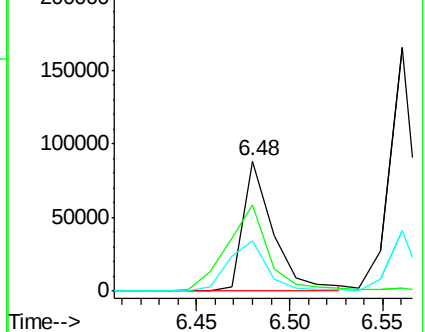
65 38.9 17.9 26.9#



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: 59.54 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

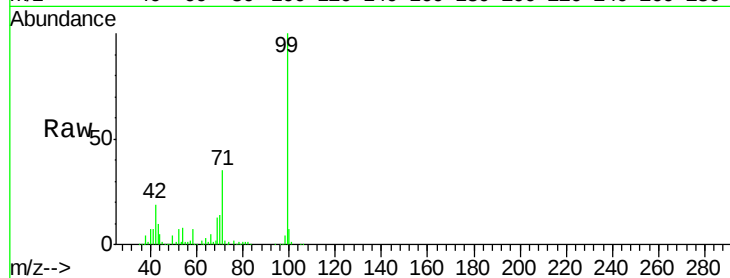
Tot Ion: 99 Resp: 306495

Ion Ratio Lower Upper

99 100

42 19.5 13.2 19.8

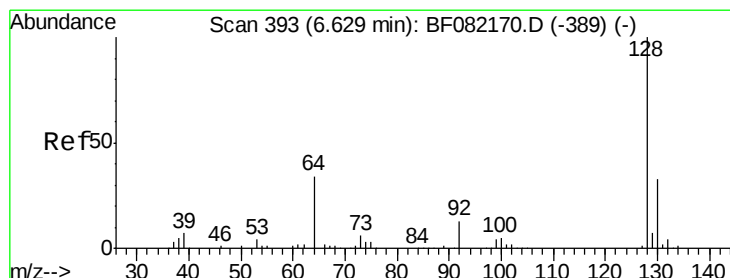
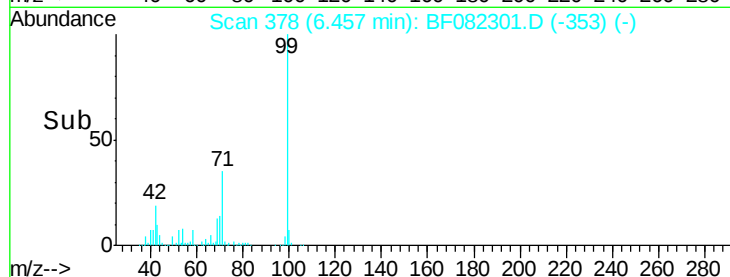
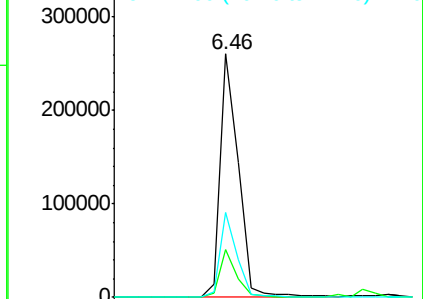
71 34.9 25.6 38.4



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



#8

2-Chlorophenol

Concen: 11.19 ng

RT: 6.61 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

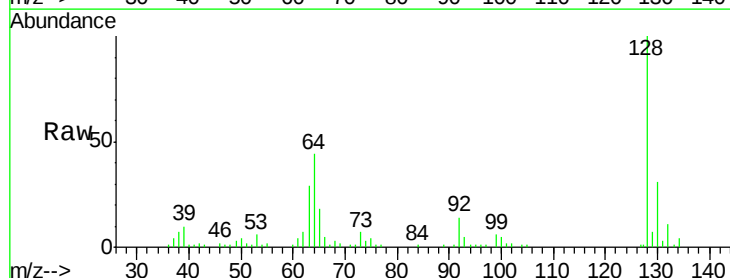
Tgt Ion: 128 Resp: 54050

Ion Ratio Lower Upper

128 100

130 31.3 12.6 52.6

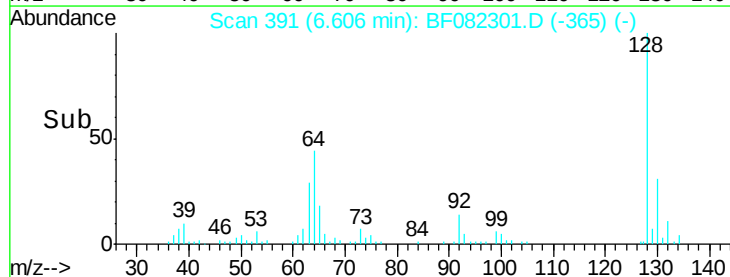
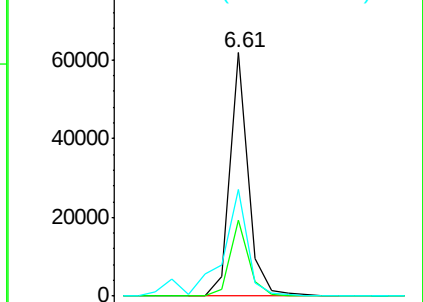
64 43.6 16.7 56.7

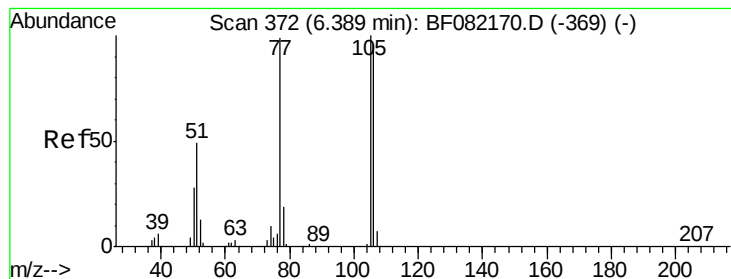


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.87 ng

RT: 6.37 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

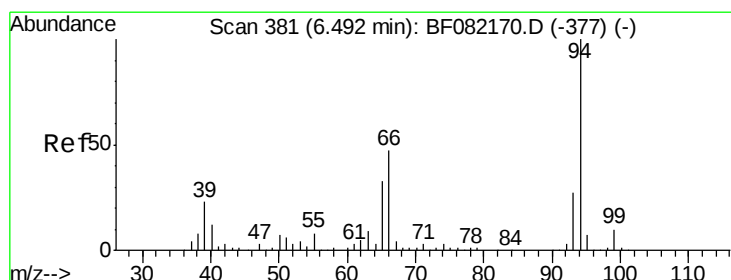
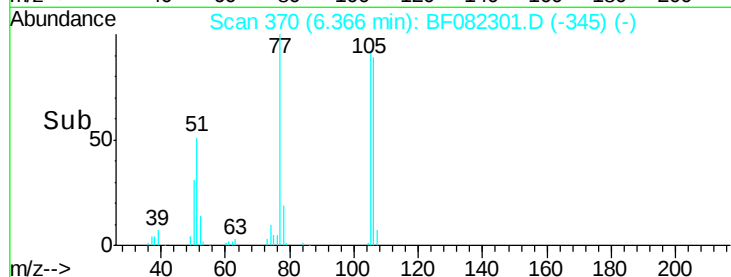
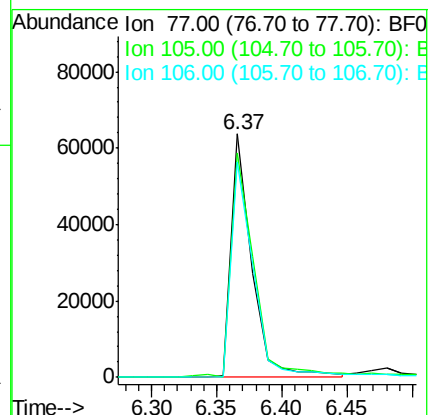
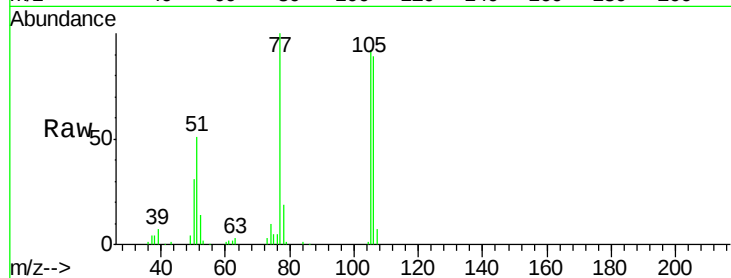
Tot Ion: 77 Resp: 70637

Ion Ratio Lower Upper

77 100

105 92.4 80.6 120.6

106 88.6 75.5 115.5



#10

Phenol

Concen: 18.50 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

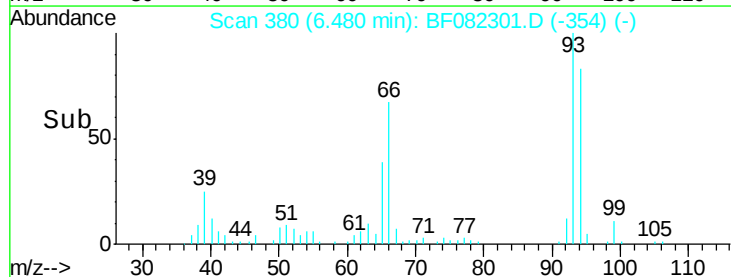
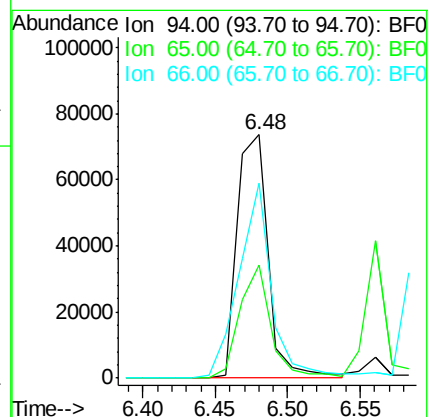
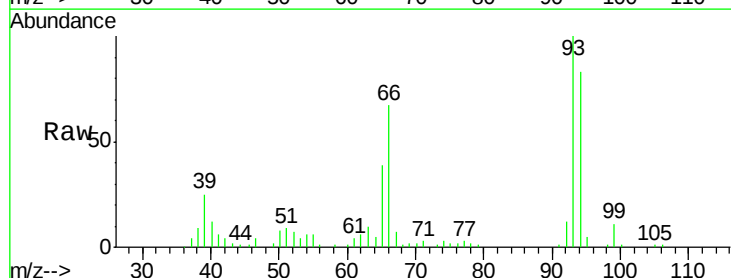
Tgt Ion: 94 Resp: 109830

Ion Ratio Lower Upper

94 100

65 46.6 12.6 52.6

66 80.0 27.3 67.3#

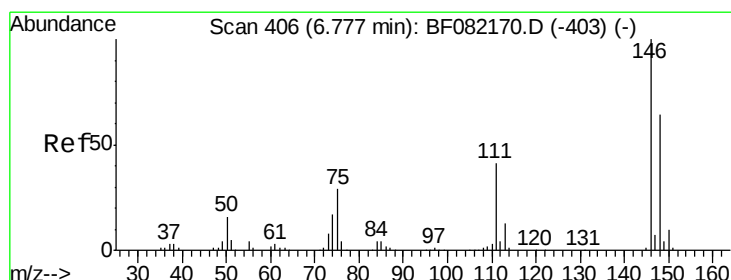
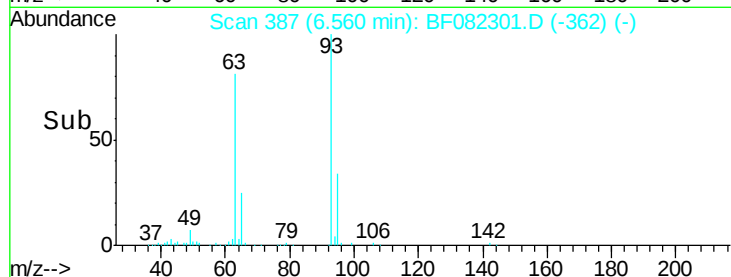
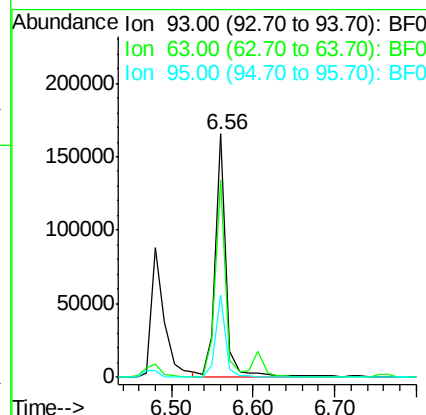
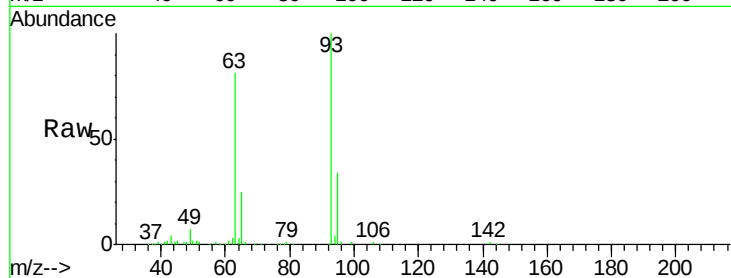




#11
bis(2-Chloroethyl)ether
Concen: 30.87 ng
RT: 6.56 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF082301.D
Acq: 15 Oct 2015 5:45

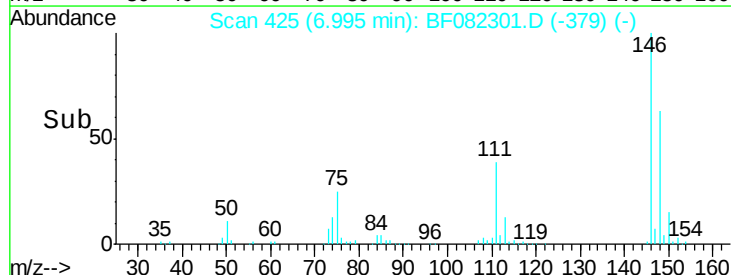
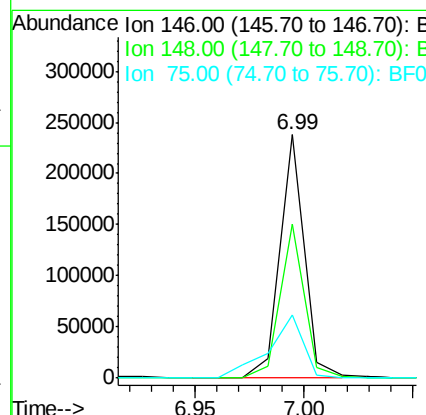
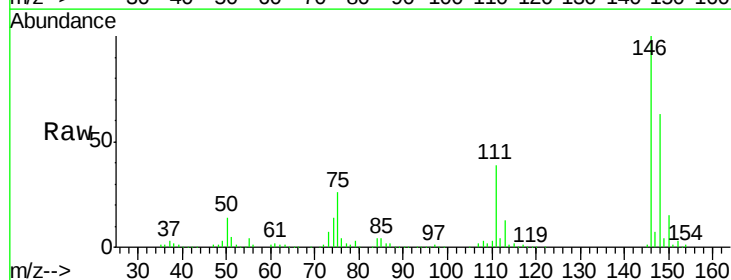
Instrument :
BNA_F
ClientSampleId :
LF-1MS

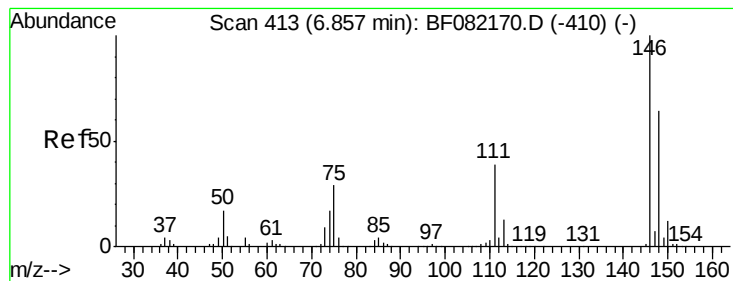
Tot Ion: 93 Resp: 154953
Ion Ratio Lower Upper
93 100
63 81.3 57.1 97.1
95 33.7 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 33.25 ng
RT: 6.99 min Scan# 425
Delta R.T. 0.23 min
Lab File: BF082301.D
Acq: 15 Oct 2015 5:45

Tgt Ion: 146 Resp: 187009
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.2
75 25.8 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 30.55 ng

RT: 6.85 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

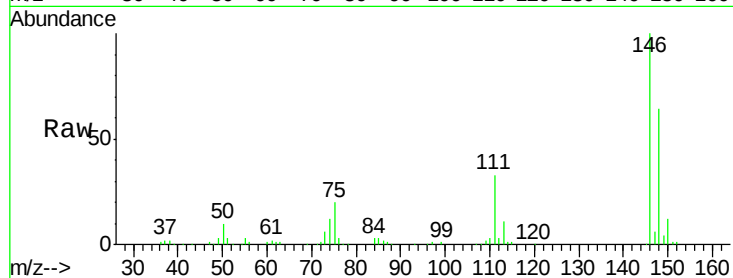
Tot Ion:146 Resp: 179419

Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.4

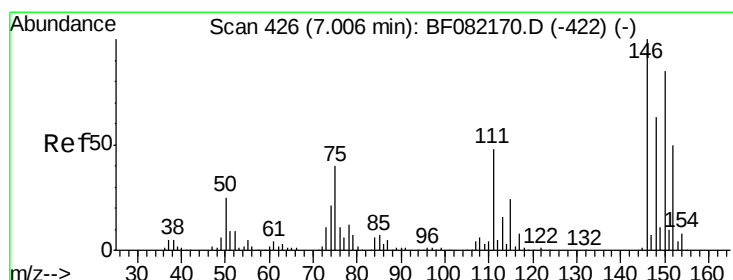
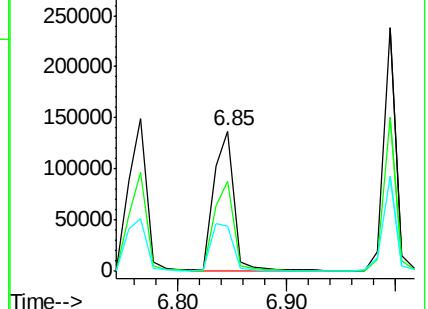
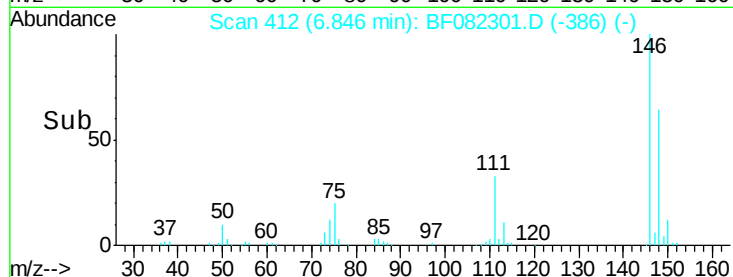
111 32.6 31.1 46.7



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: 34.75 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

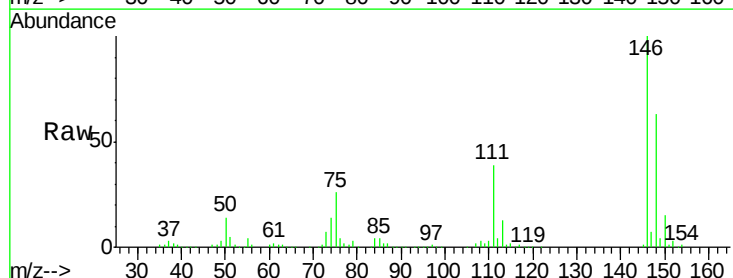
Tgt Ion:146 Resp: 193822

Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

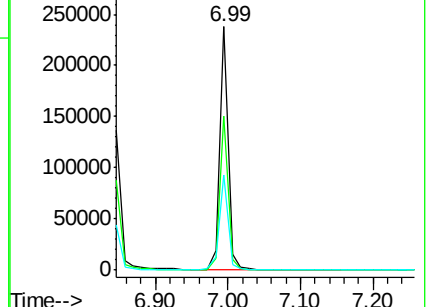
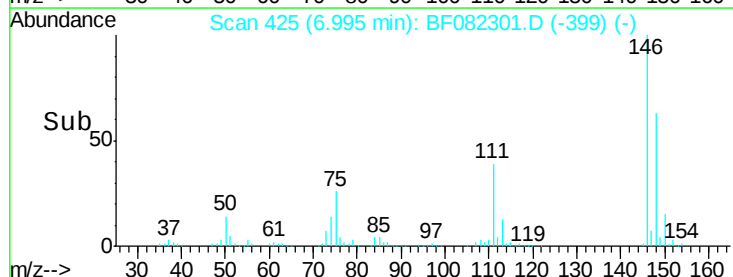
111 38.9 38.5 57.7

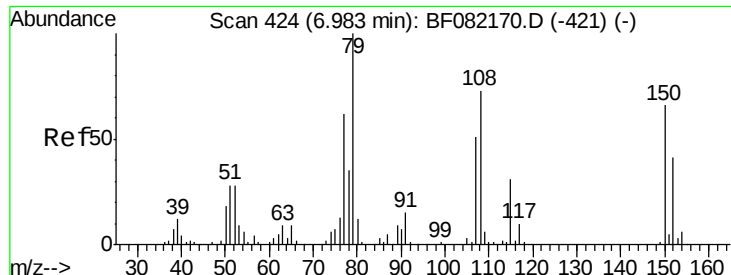


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.07 ng

RT: 6.97 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

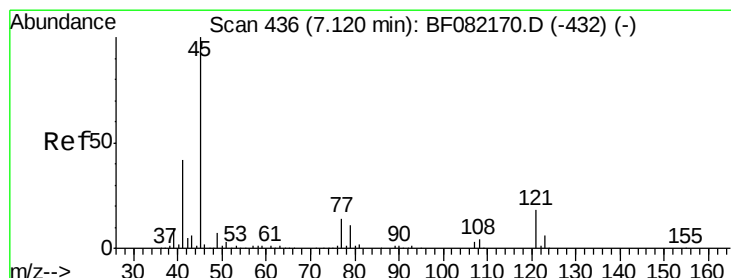
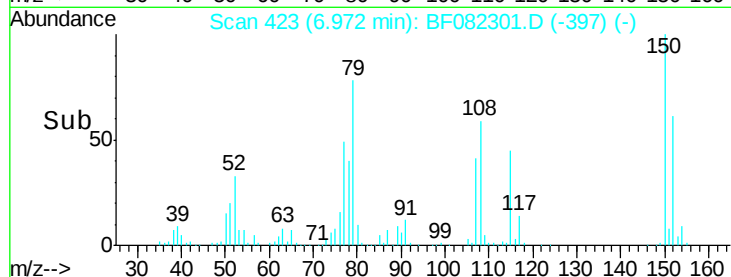
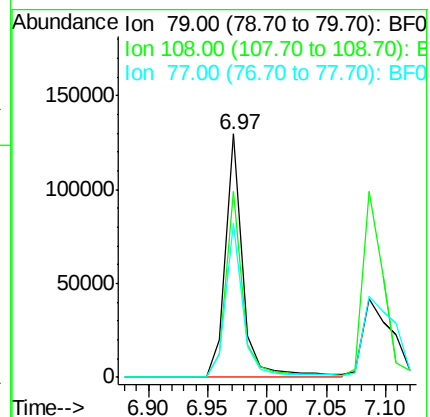
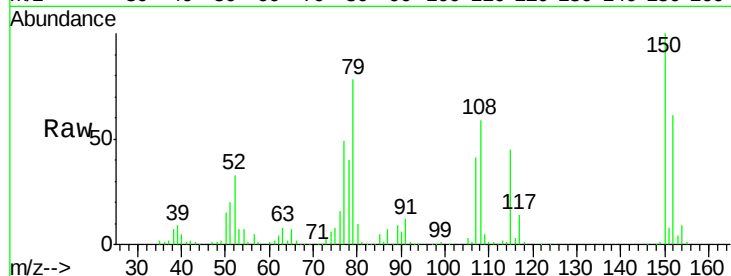
Tot Ion: 79 Resp: 131739

Ion Ratio Lower Upper

79 100

108 76.4 58.4 87.6

77 63.2 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.46 ng

RT: 7.11 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

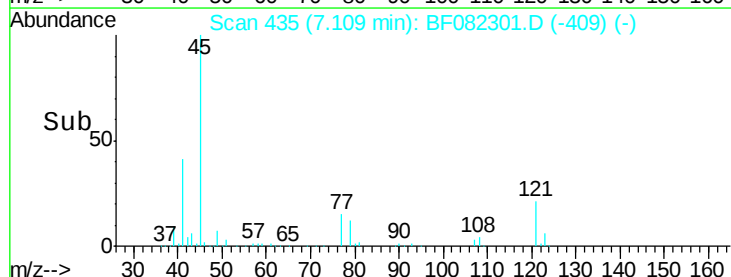
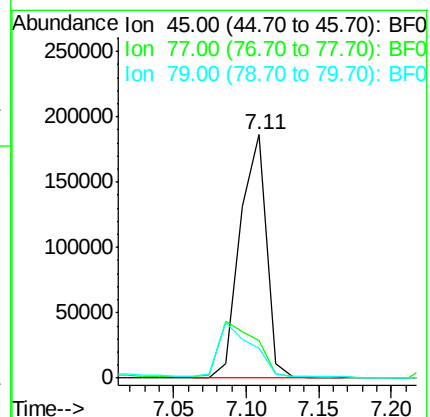
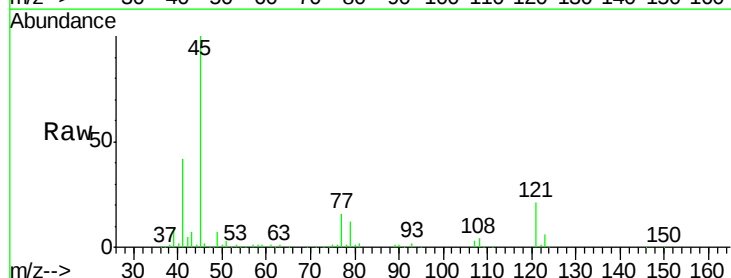
Tgt Ion: 45 Resp: 233841

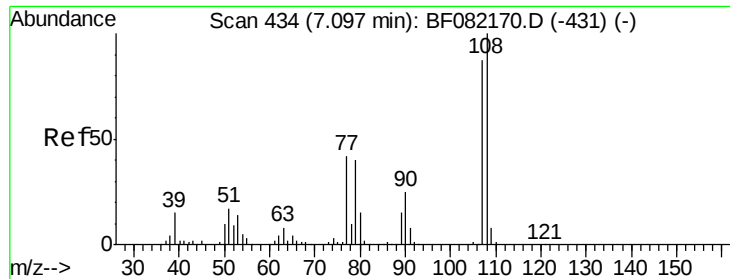
Ion Ratio Lower Upper

45 100

77 15.6 0.0 34.5

79 12.2 0.0 31.6





#17

2-Methylphenol

Concen: 26.75 ng

RT: 7.09 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

Tot Ion:107 Resp: 102156

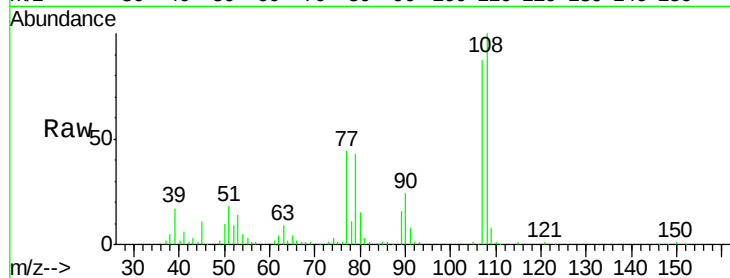
Ion Ratio Lower Upper

107 100

108 114.6 92.2 138.2

77 50.1 39.6 59.4

79 48.7 38.2 57.4

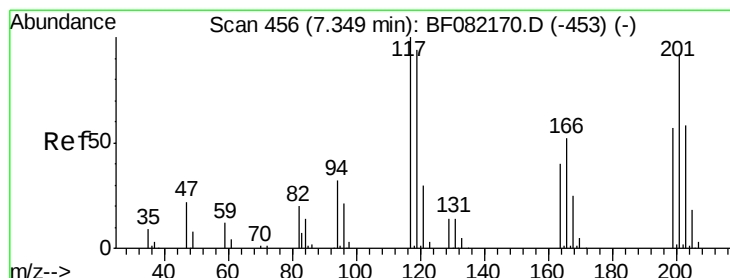
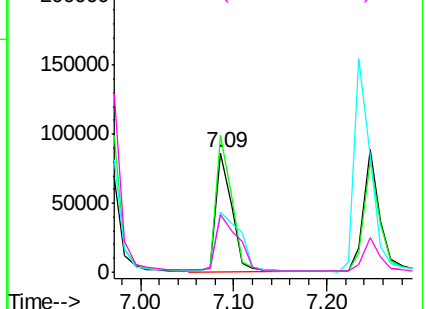
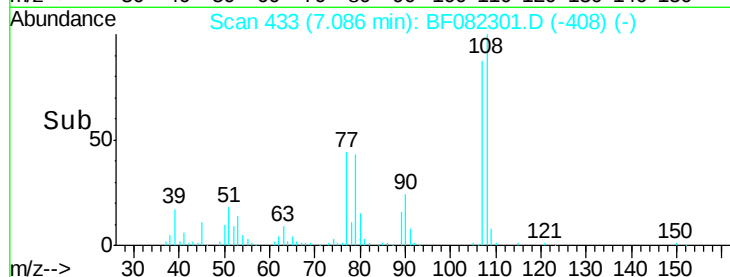


Abundance Ion 107.00 (106.70 to 107.70): E

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: 31.09 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

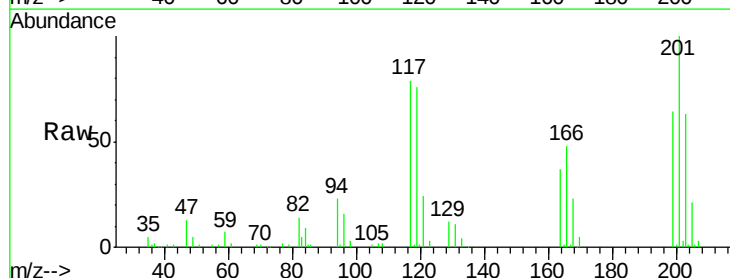
Tgt Ion:117 Resp: 62498

Ion Ratio Lower Upper

117 100

119 96.8 75.4 113.2

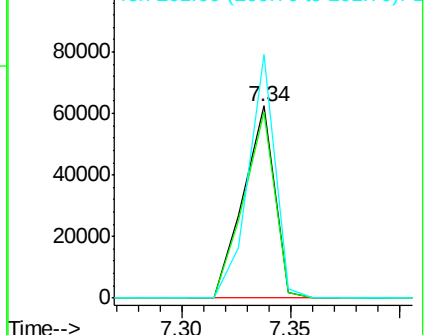
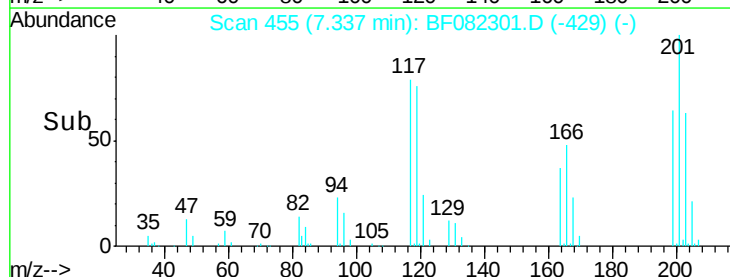
201 126.6 73.4 110.0#

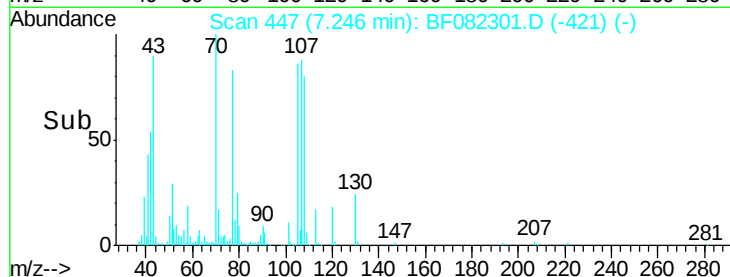
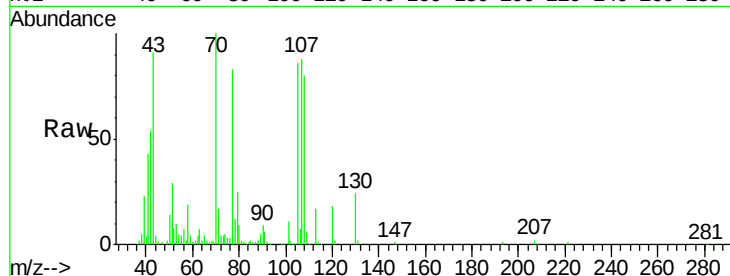
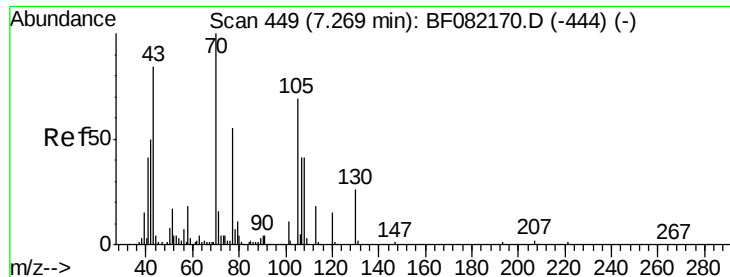


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

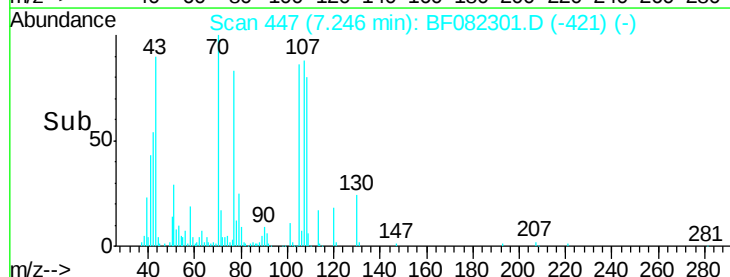
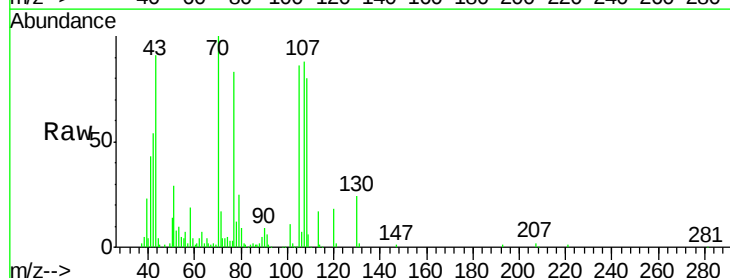
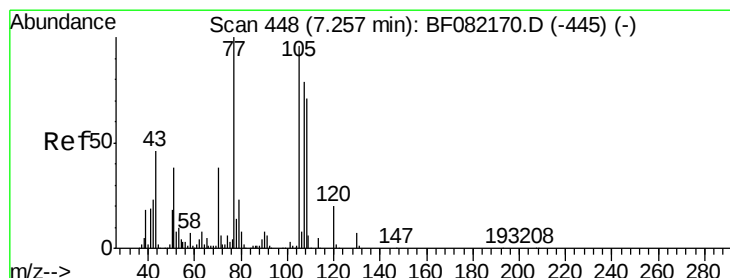
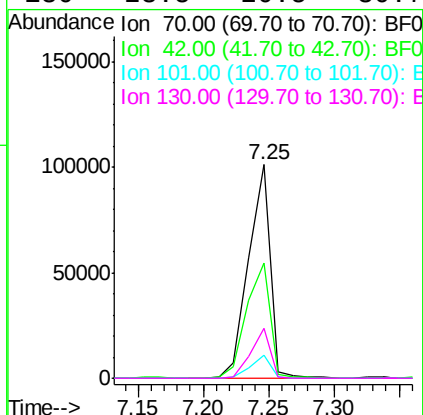




#19
n-Nitroso-di-n-propylamine
Concen: 32.40 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082301.D
Acq: 15 Oct 2015 5:45

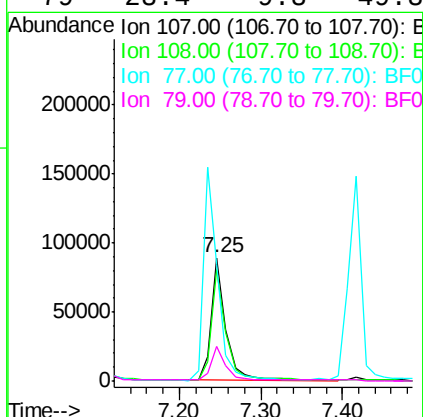
Instrument :
BNA_F
ClientSampleId :
LF-1MS

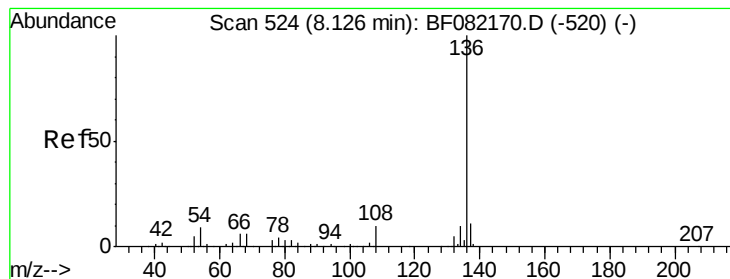
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.0	39.8	59.8	
101	10.5	8.6	13.0	
130	23.5	20.5	30.7	



#20
3+4-Methylphenols
Concen: 25.02 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082301.D
Acq: 15 Oct 2015 5:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.4	69.9	109.9	
77	94.7	106.0	146.0	
79	28.4	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: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

Tot Ion:136 Resp: 317665

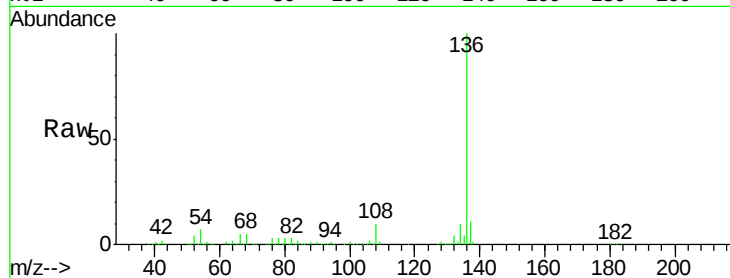
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 7.2 7.5 11.3#

68 4.8 4.6 7.0

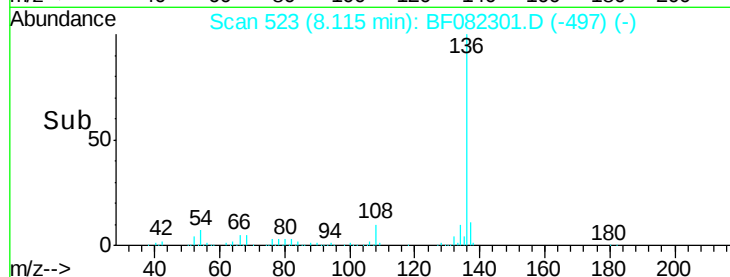


Abundance Ion 136.00 (135.70 to 136.70): E

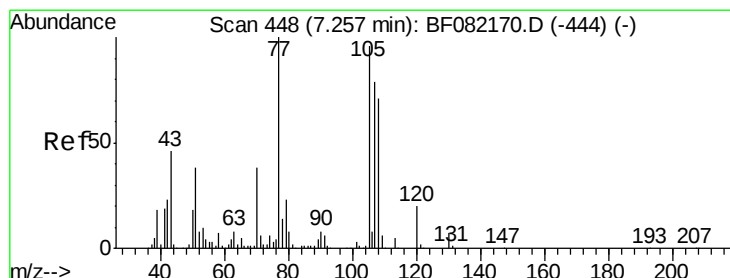
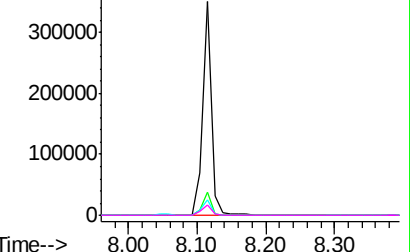
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 34.23 ng

RT: 7.23 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Tgt Ion:105 Resp: 215090

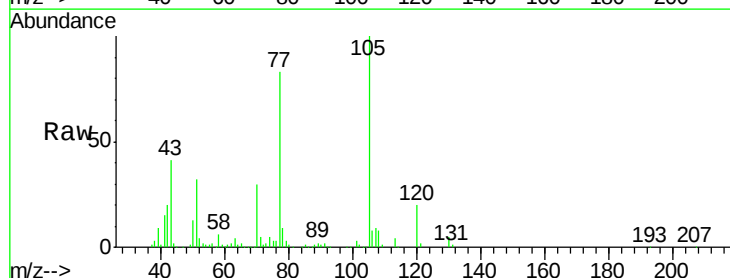
Ion Ratio Lower Upper

105 100

71 5.0 5.4 8.0#

51 31.7 31.8 47.6#

120 20.0 16.3 24.5

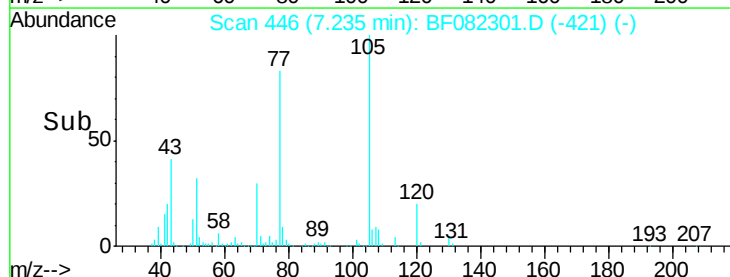


Abundance Ion 105.00 (104.70 to 105.70): E

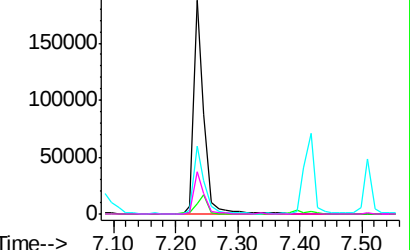
Ion 71.00 (70.70 to 71.70): BF0

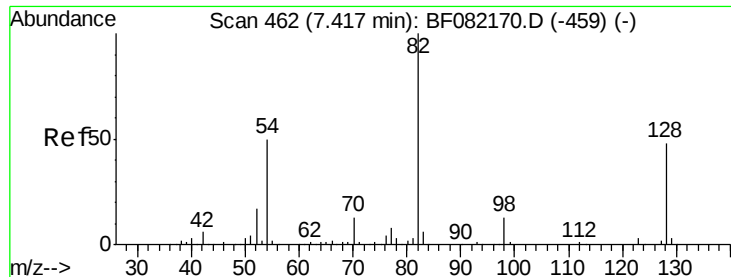
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 73.05 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

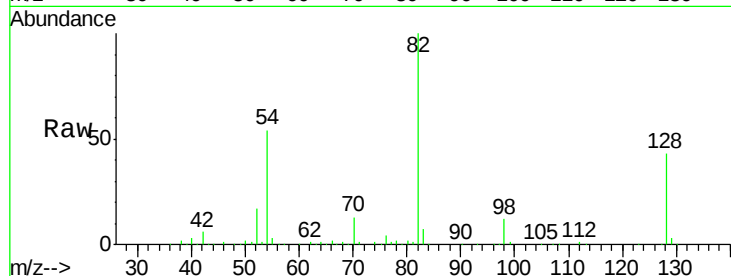
Tot Ion: 82 Resp: 345562

Ion Ratio Lower Upper

82 100

128 42.8 38.7 58.1

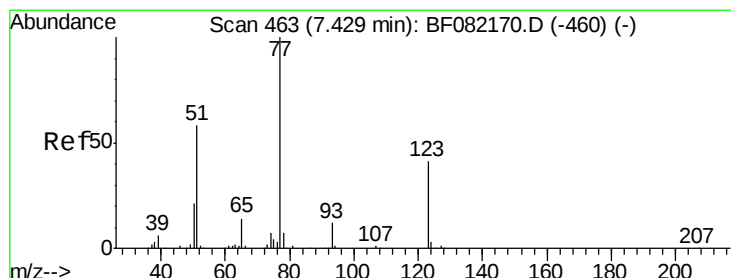
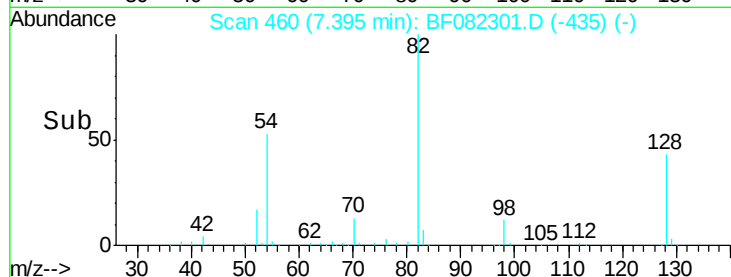
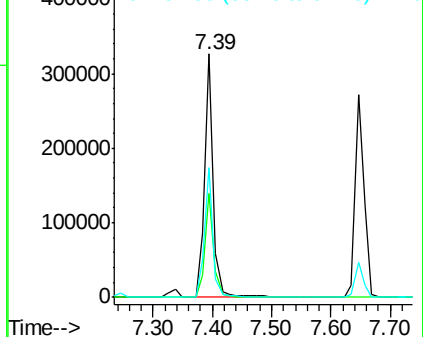
54 53.5 40.1 60.1



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: 31.94 ng

RT: 7.42 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

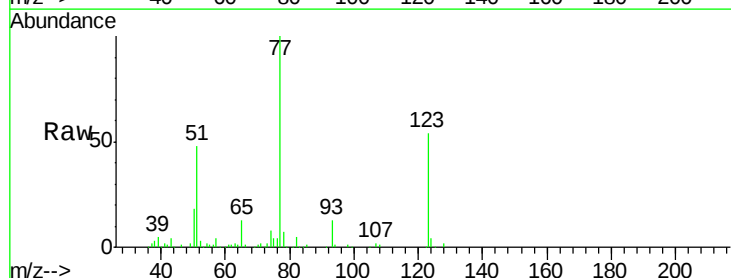
Tgt Ion: 77 Resp: 163554

Ion Ratio Lower Upper

77 100

123 53.7 33.0 49.4#

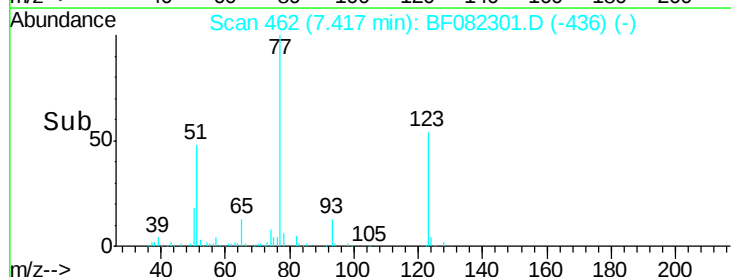
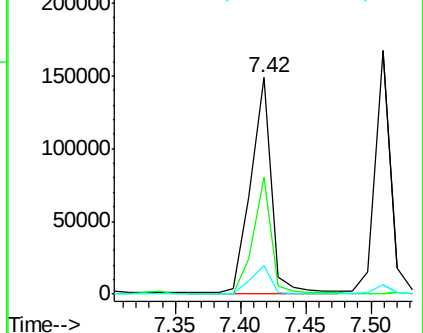
65 13.1 11.2 16.8



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: 29.68 ng

RT: 7.65 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

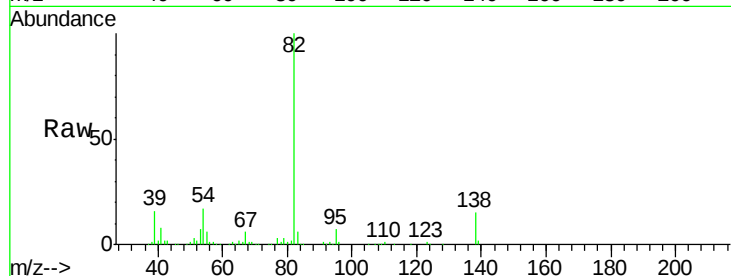
Tot Ion: 82 Resp: 283400

Ion Ratio Lower Upper

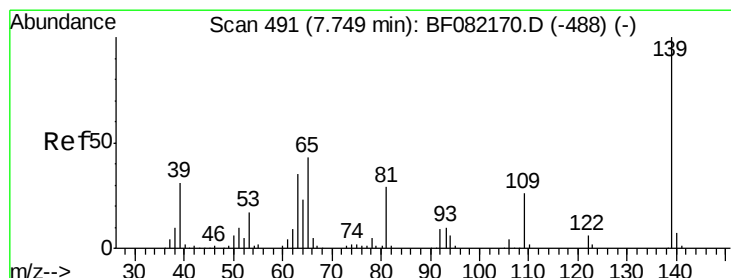
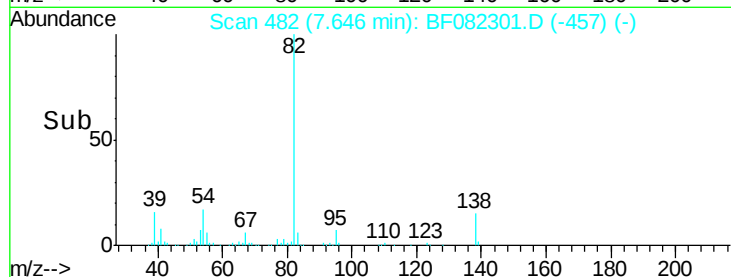
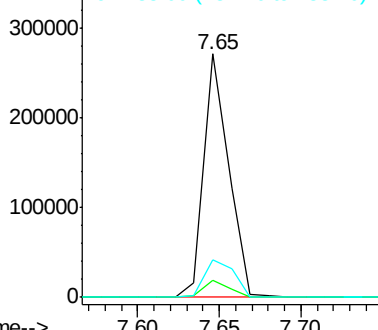
82 100

95 7.0 5.6 8.4

138 15.5 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: 3.92 ng

RT: 7.73 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

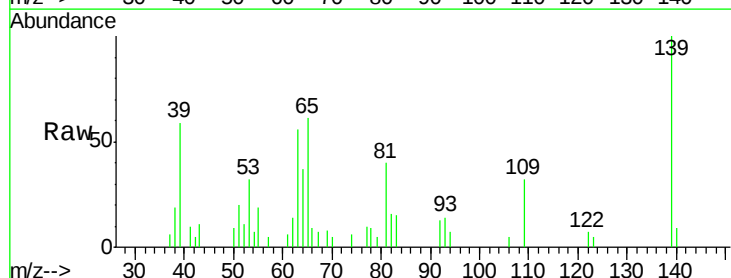
Tgt Ion: 139 Resp: 10010

Ion Ratio Lower Upper

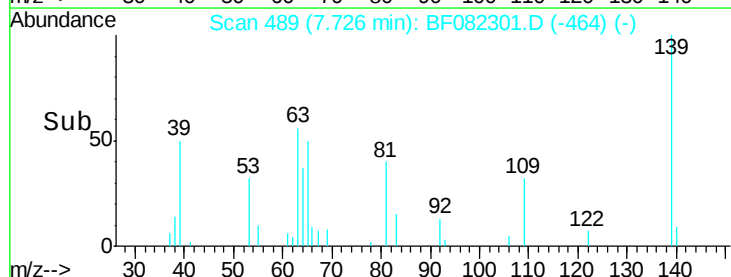
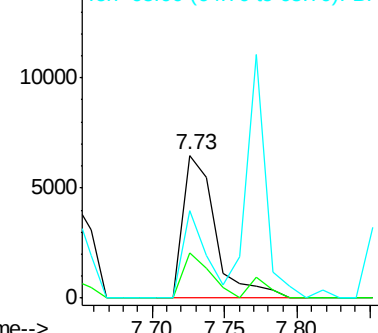
139 100

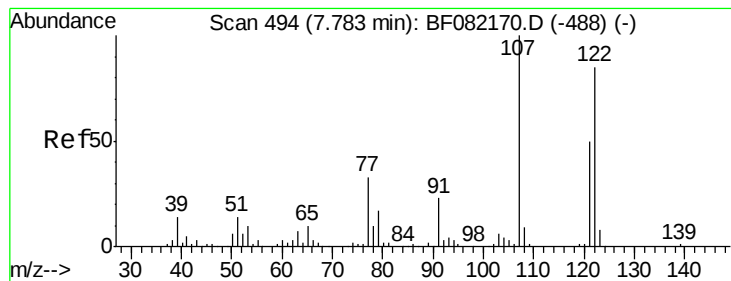
109 32.0 20.6 31.0#

65 61.0 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

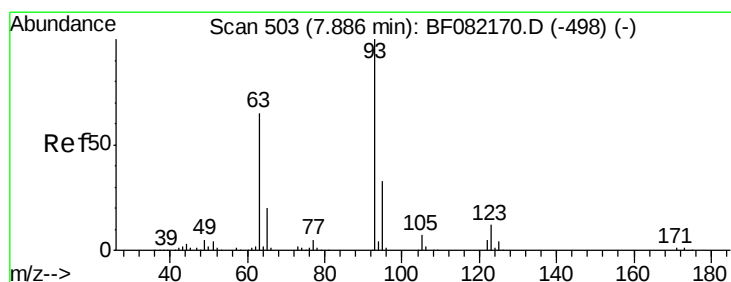
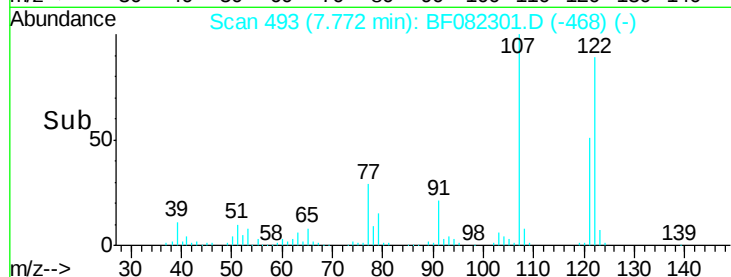
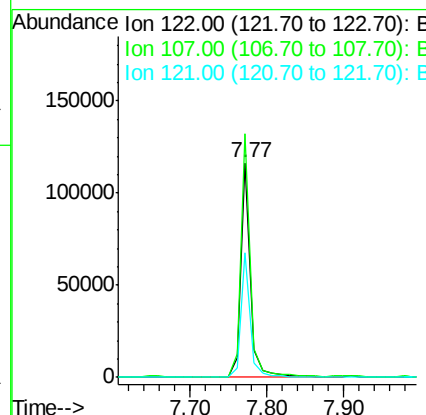
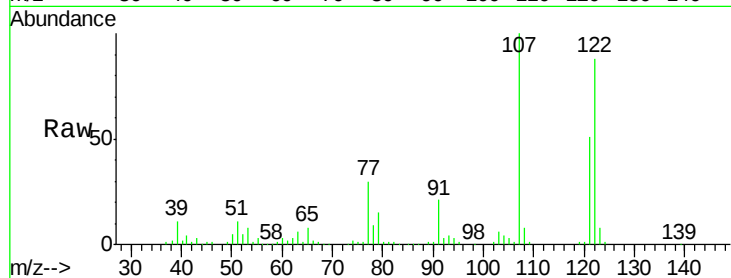




#27
 2,4-Dimethylphenol
 Concen: 25.57 ng
 RT: 7.77 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 5:45

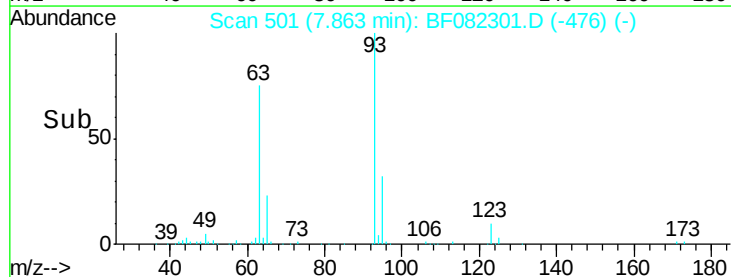
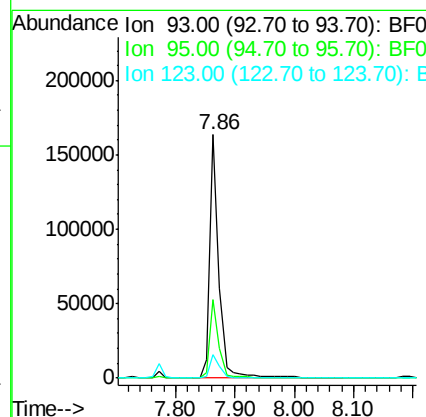
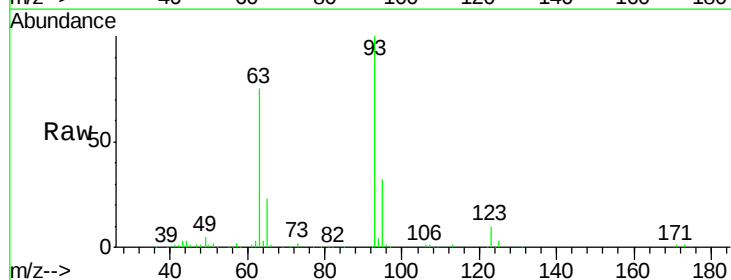
Instrument :
 BNA_F
 ClientSampleId :
 LF-1MS

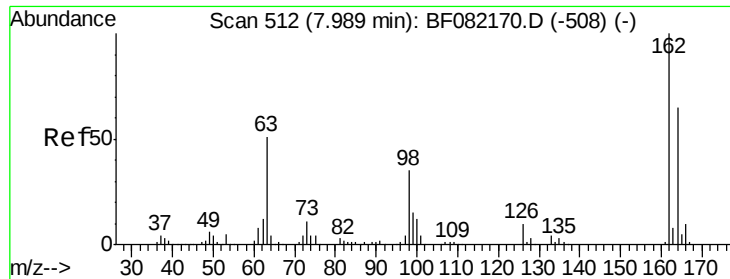
Tot Ion:122 Resp: 105337
 Ion Ratio Lower Upper
 122 100
 107 113.4 94.0 141.0
 121 57.9 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.57 ng
 RT: 7.86 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 5:45

Tgt Ion: 93 Resp: 180949
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.6 39.8
 123 9.6 9.5 14.3

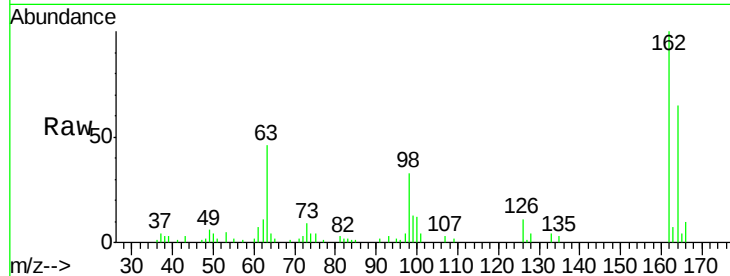




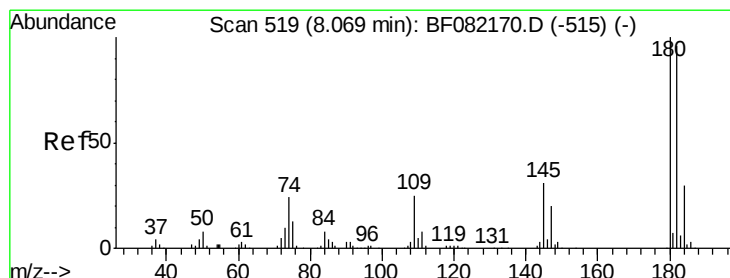
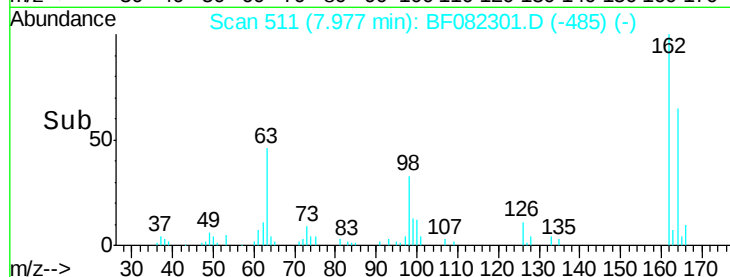
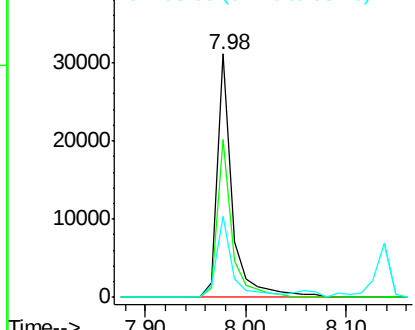
#29
 2,4-Dichlorophenol
 Concen: 7.79 ng
 RT: 7.98 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.6	84.6
98	33.2	15.0	55.0

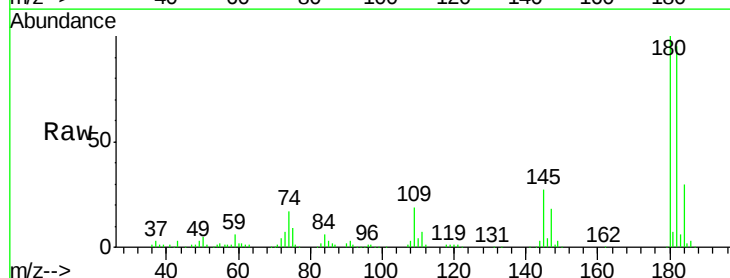


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

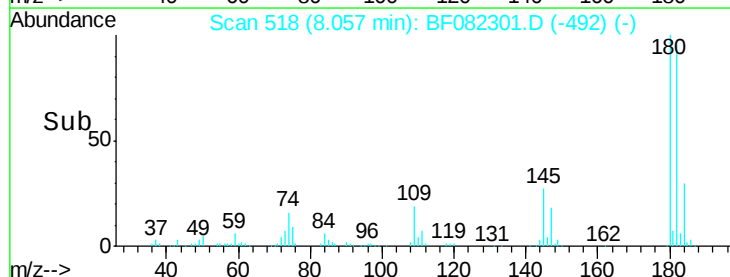
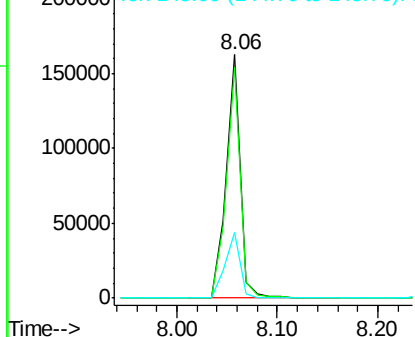


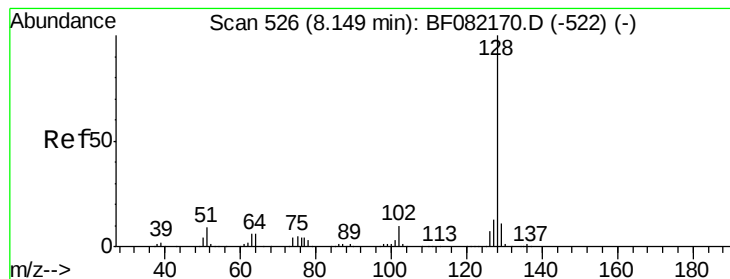
#30
 1,2,4-Trichlorobenzene
 Concen: 33.46 ng
 RT: 8.06 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 5:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.0	115.4
145	27.2	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: 34.79 ng

RT: 8.14 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

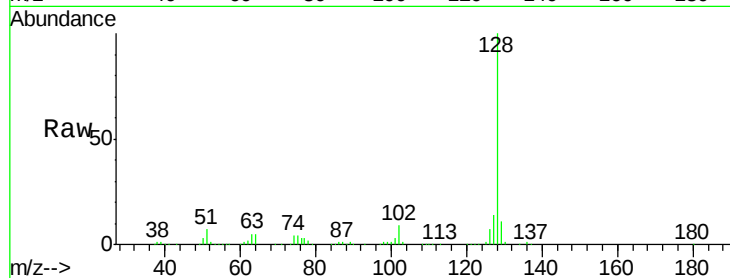
Tot Ion:128 Resp: 479098

Ion Ratio Lower Upper

128 100

129 11.0 9.1 13.7

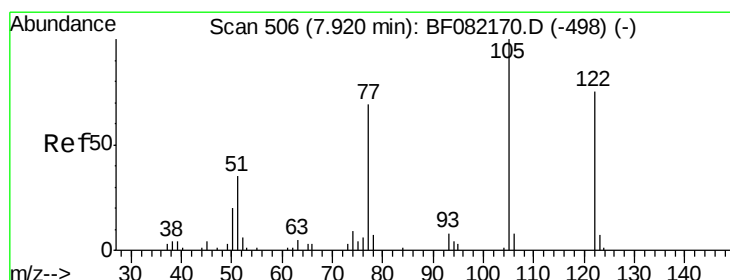
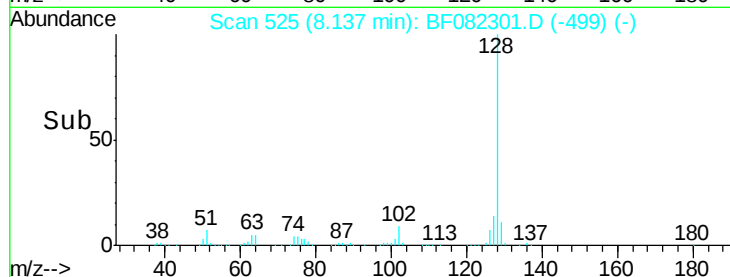
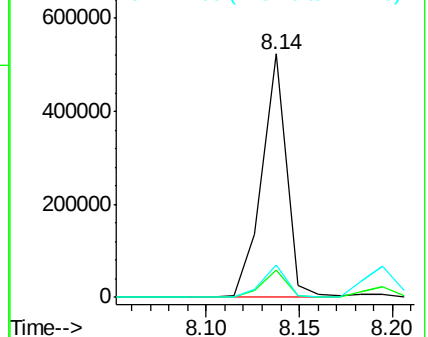
127 13.5 10.7 16.1



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: 38.10 ng

RT: 7.77 min Scan# 493

Delta R.T. -0.14 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

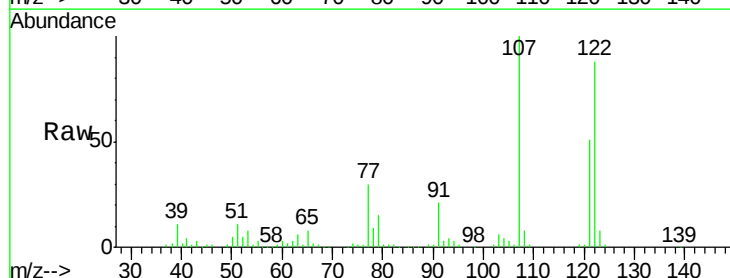
Tgt Ion:122 Resp: 105337

Ion Ratio Lower Upper

122 100

105 3.8 104.4 144.4#

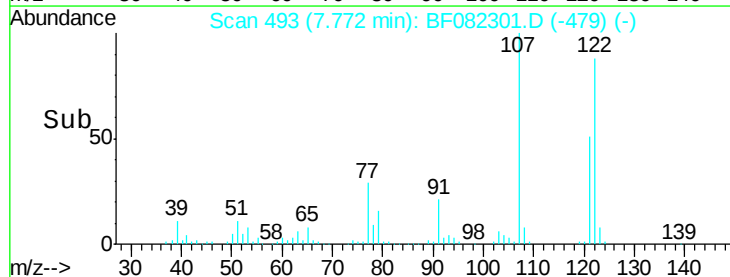
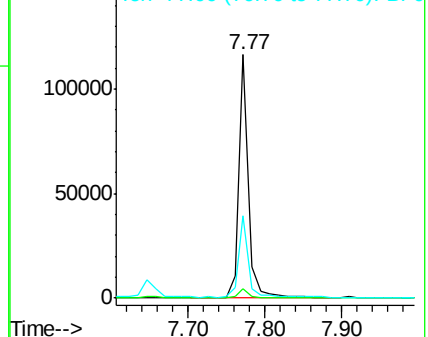
77 34.0 69.0 109.0#



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

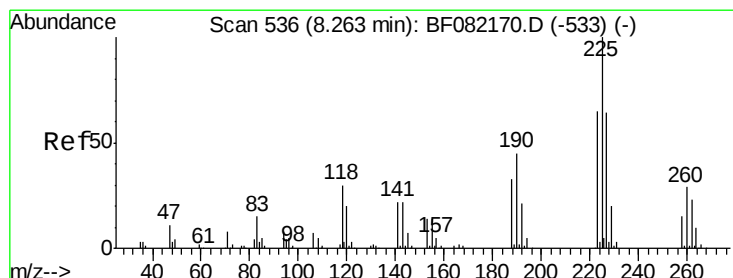
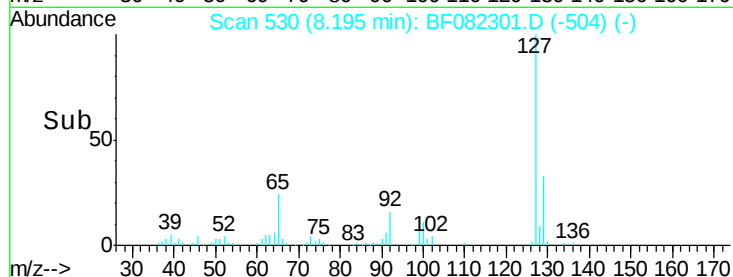
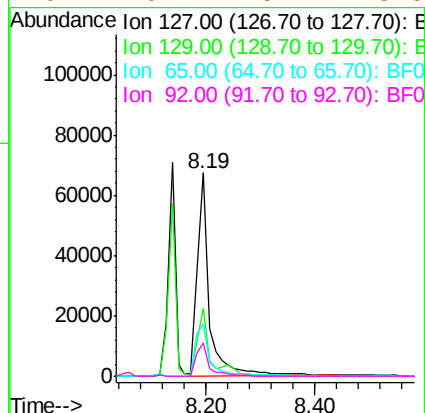
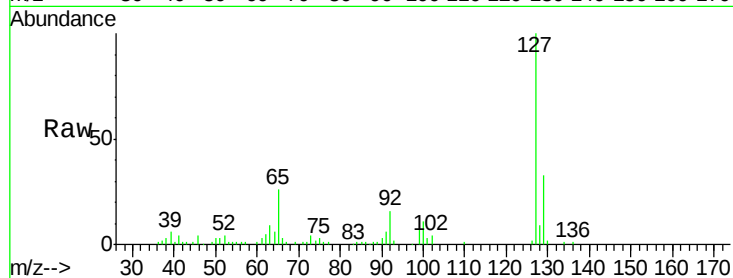




#33
4-Chloroaniline
Concen: 17.68 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082301.D
Acq: 15 Oct 2015 5:45

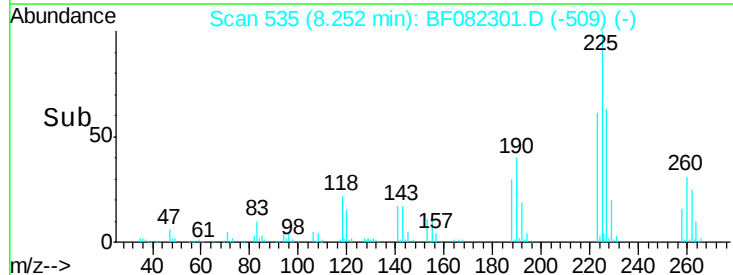
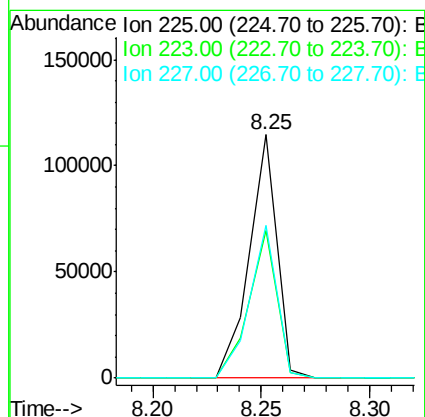
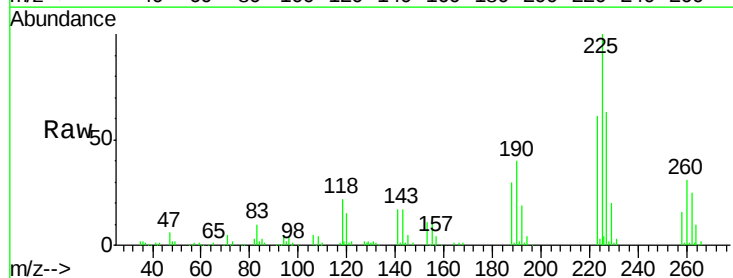
Instrument :
BNA_F
ClientSampleId :
LF-1MS

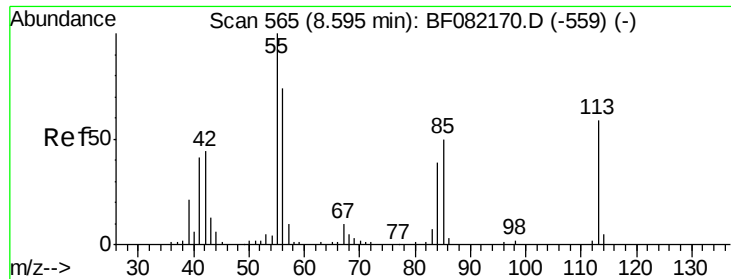
Tot Ion:	127	Resp:	101103
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.3	39.5
65	25.6	24.4	36.6
92	16.1	15.7	23.5



#34
Hexachlorobutadiene
Concen: 34.05 ng
RT: 8.25 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082301.D
Acq: 15 Oct 2015 5:45

Tgt Ion:	225	Resp:	100696
Ion	Ratio	Lower	Upper
225	100		
223	60.8	52.2	78.2
227	62.8	51.3	76.9





#35

Caprolactam

Concen: 31.83 ng

RT: 8.54 min Scan# 560

Delta R.T. -0.05 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

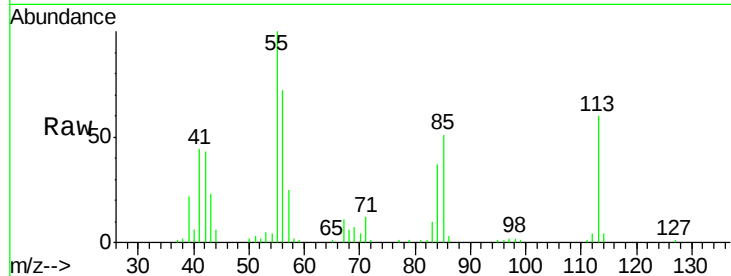
Tot Ion:113 Resp: 38032

Ion Ratio Lower Upper

113 100

55 166.3 149.7 189.7

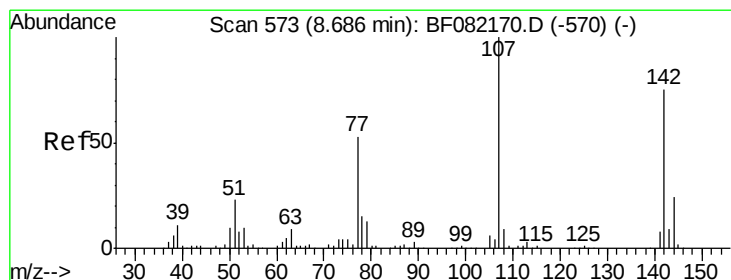
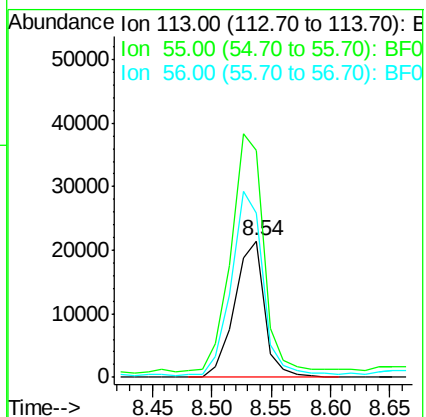
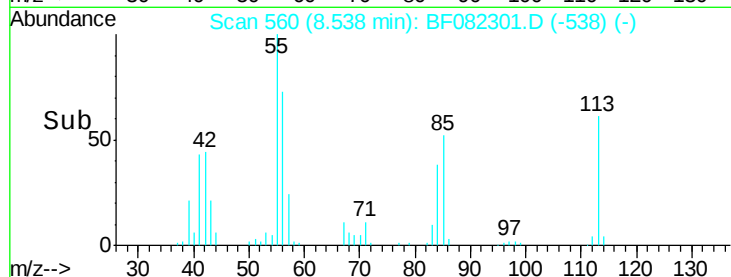
56 120.1 105.4 145.4



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: 19.08 ng

RT: 8.67 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

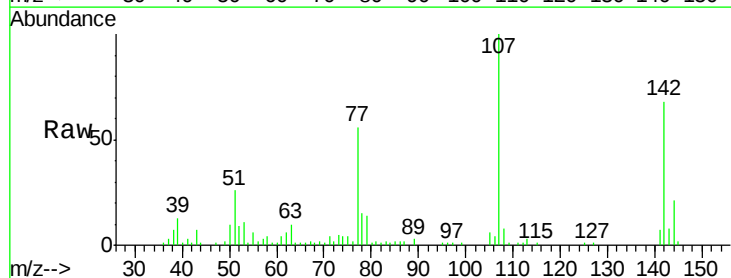
Tgt Ion:107 Resp: 76844

Ion Ratio Lower Upper

107 100

144 21.2 19.3 28.9

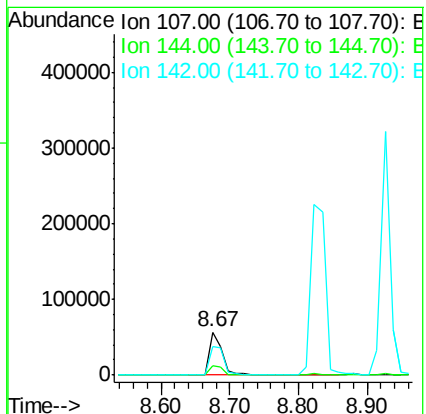
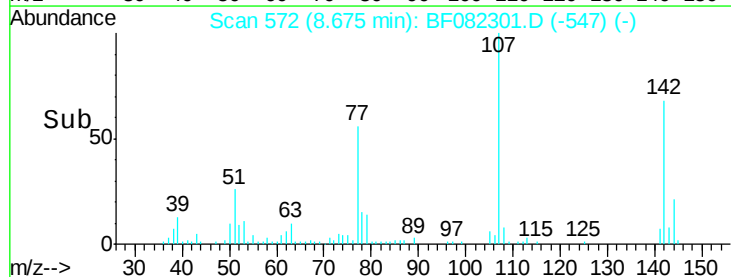
142 67.7 59.9 89.9

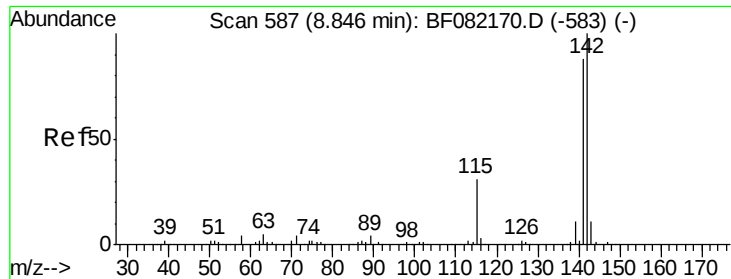


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

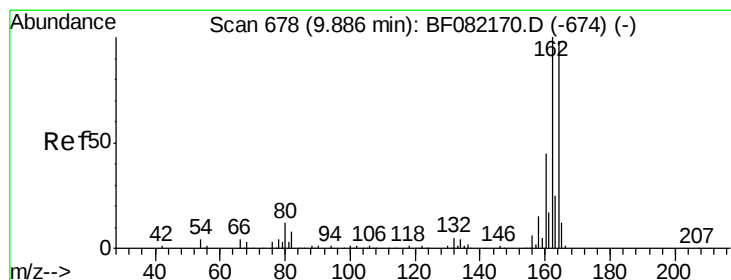
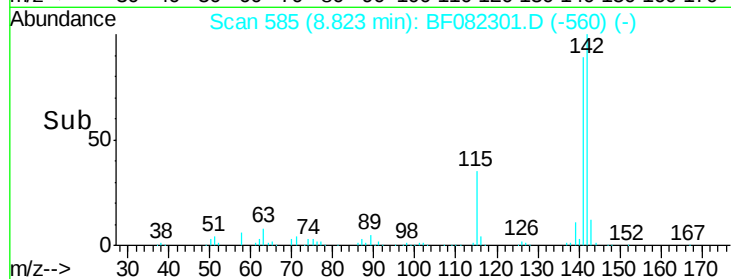
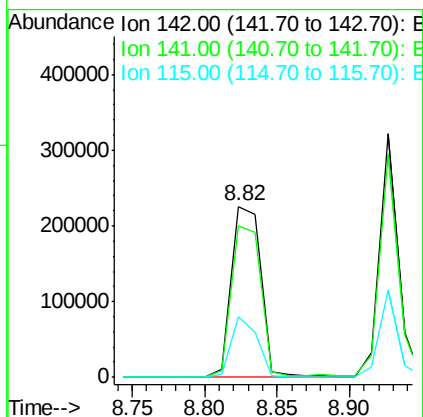
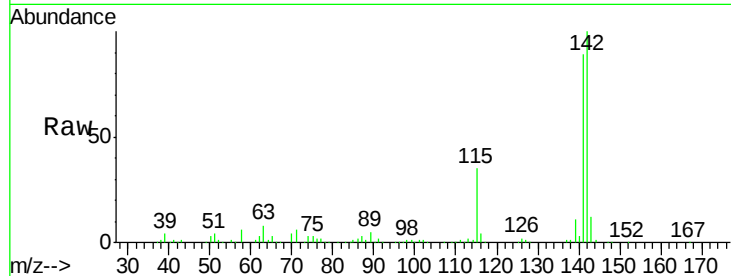




#37
2-Methylnaphthalene
Concen: 33.43 ng
RT: 8.82 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF082301.D
Acq: 15 Oct 2015 5:45

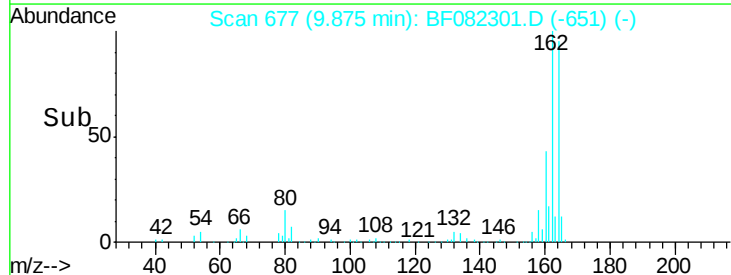
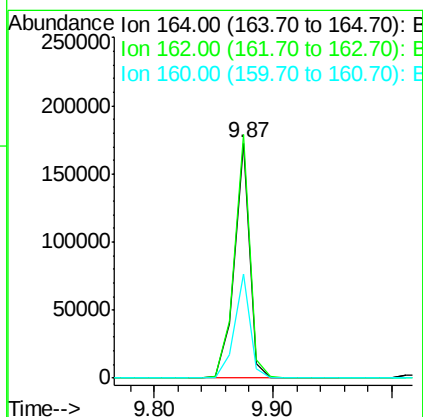
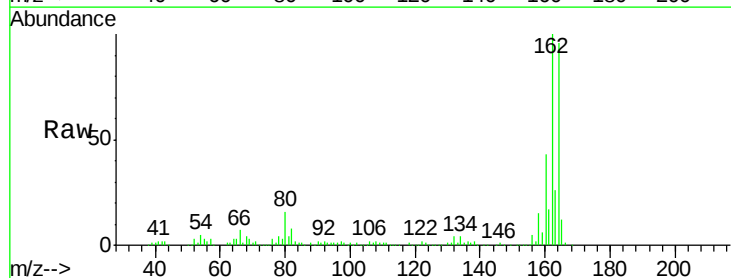
Instrument :
BNA_F
ClientSampleId :
LF-1MS

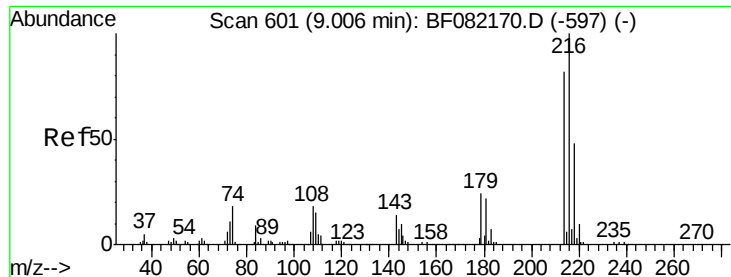
Tot Ion:142 Resp: 319099
Ion Ratio Lower Upper
142 100
141 88.9 70.4 105.6
115 35.5 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF082301.D
Acq: 15 Oct 2015 5:45

Tgt Ion:164 Resp: 154917
Ion Ratio Lower Upper
164 100
162 103.6 81.6 122.4
160 44.4 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.90 ng

RT: 8.99 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

Tot Ion:216 Resp: 165442

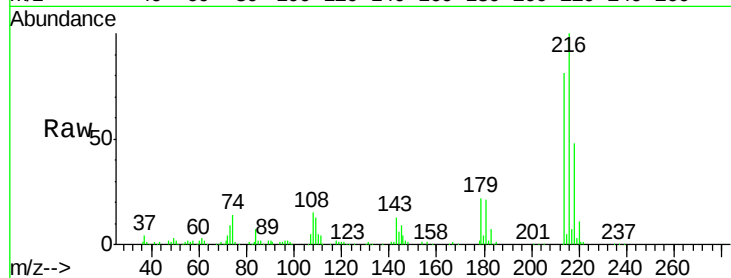
Ion Ratio Lower Upper

216 100

214 80.5 64.6 97.0

179 21.2 17.6 26.4

108 17.3 14.5 21.7

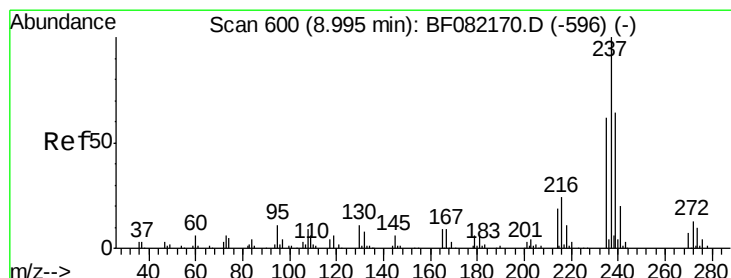
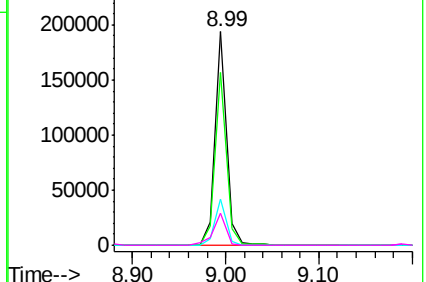
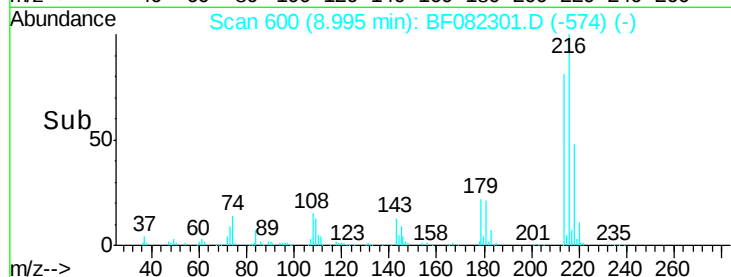


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 44.60 ng

RT: 8.98 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

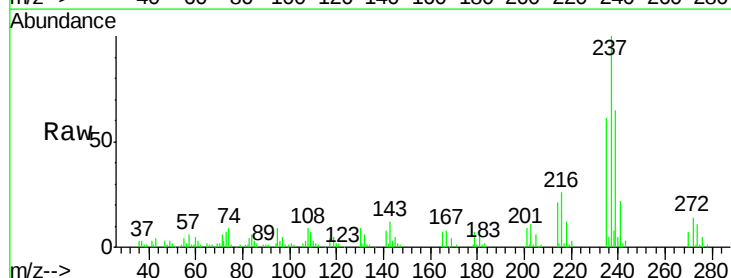
Tgt Ion:237 Resp: 94440

Ion Ratio Lower Upper

237 100

235 60.6 41.7 81.7

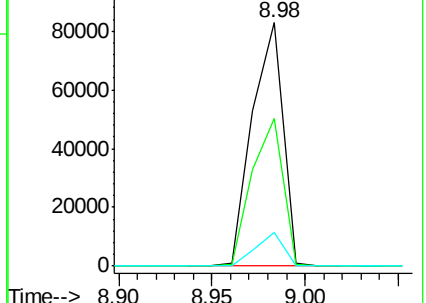
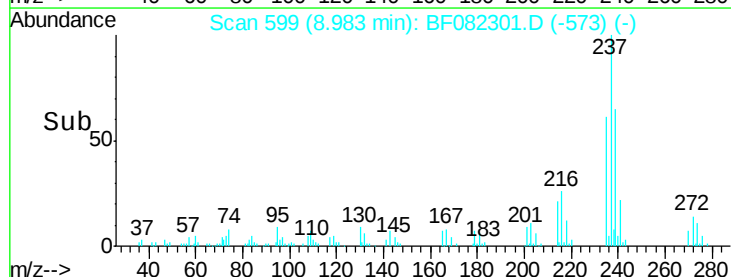
272 13.9 0.0 32.8

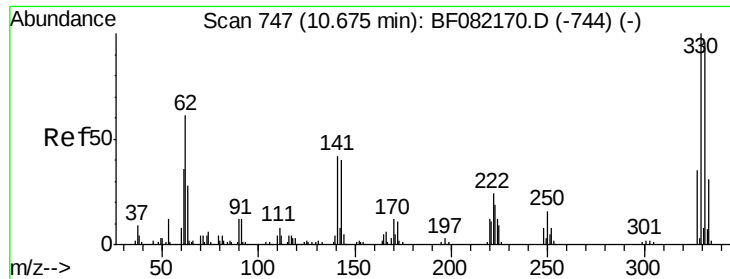


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

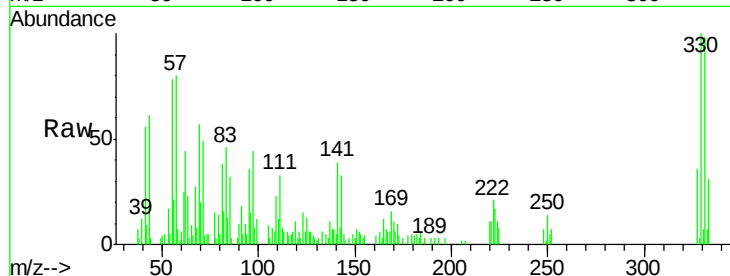




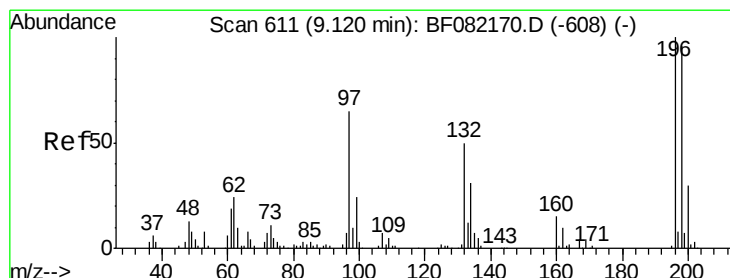
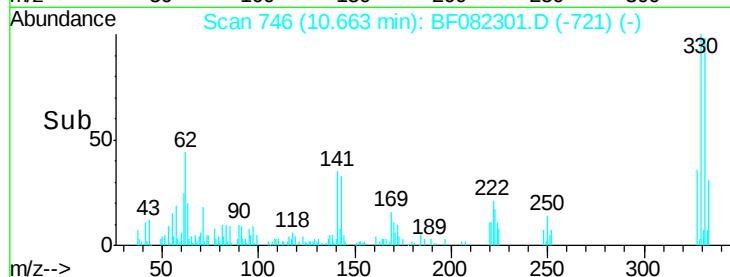
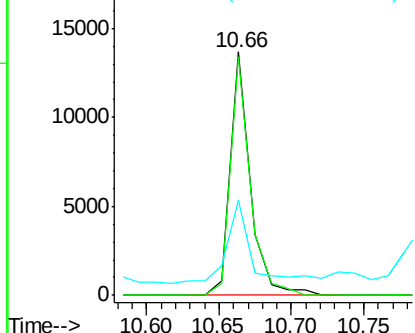
#41
 2,4,6-Tribromophenol
 Concen: 9.04 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MS

Tot Ion:330 Resp: 13130
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.1 115.7
 141 38.0 29.8 44.8

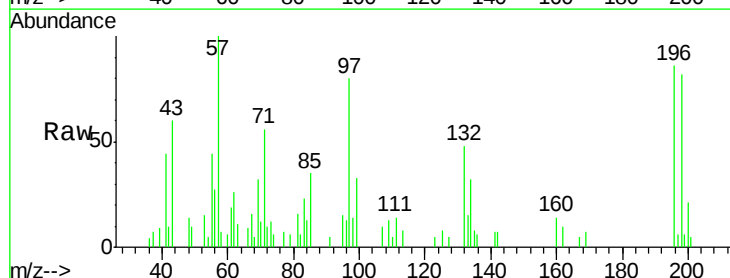


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

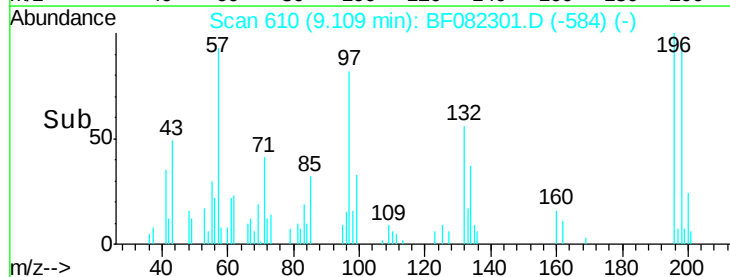
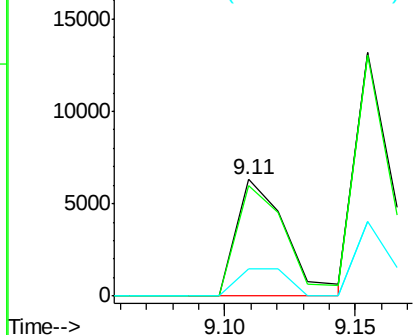


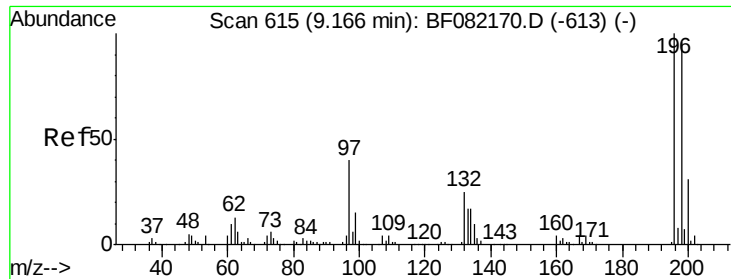
#42
 2,4,6-Trichlorophenol
 Concen: 2.76 ng
 RT: 9.11 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 5:45

Tgt Ion:196 Resp: 8439
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.6 115.0
 200 24.0 23.7 35.5



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

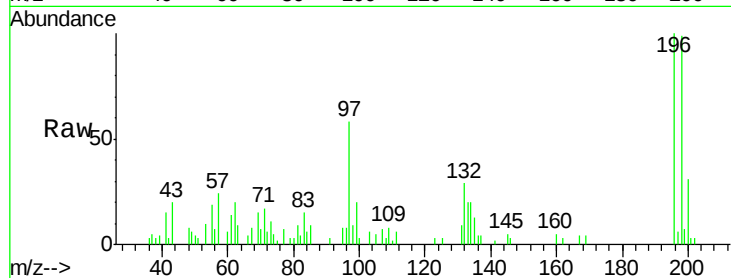




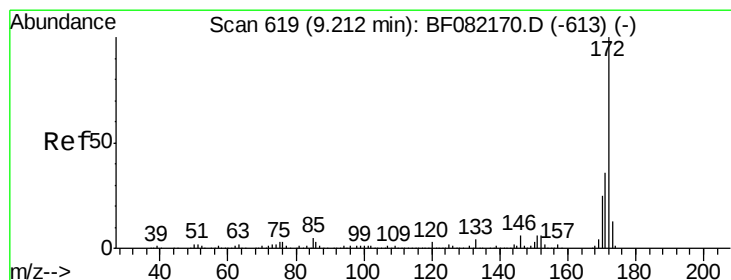
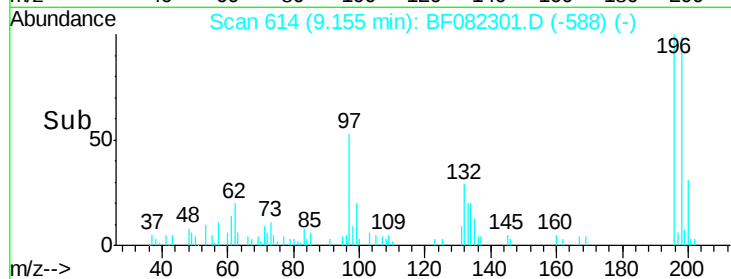
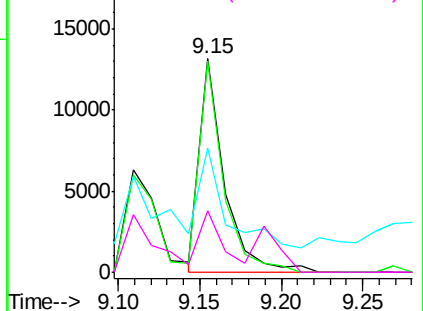
#43
 2,4,5-Trichlorophenol
 Concen: 4.27 ng
 RT: 9.15 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MS

Tot Ion:196 Resp: 14163
 Ion Ratio Lower Upper
 196 100
 198 98.9 77.0 115.4
 97 58.3 31.9 47.9#
 132 28.5 20.3 30.5

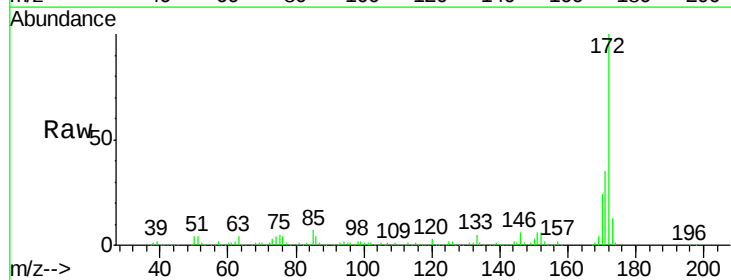


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

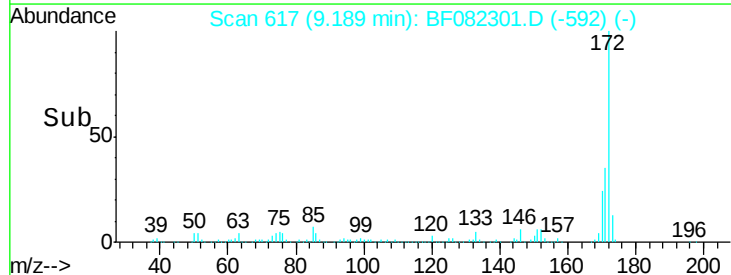
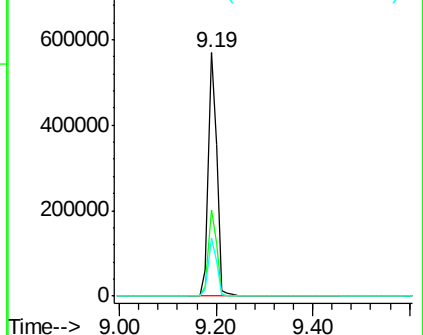


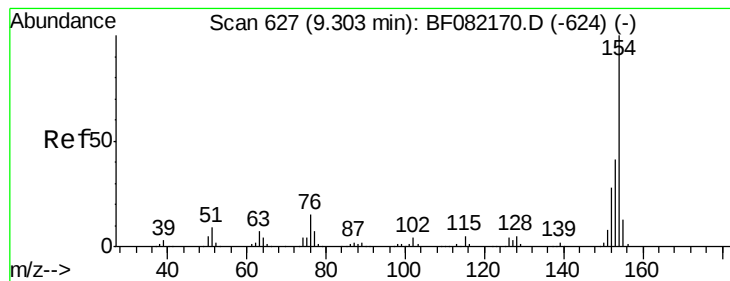
#44
 2-Fluorobiphenyl
 Concen: 75.11 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 5:45

Tgt Ion:172 Resp: 701640
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.6 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

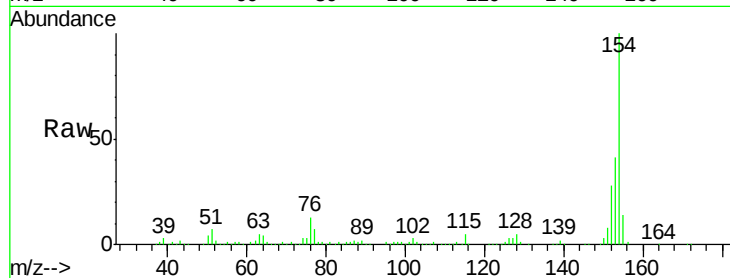




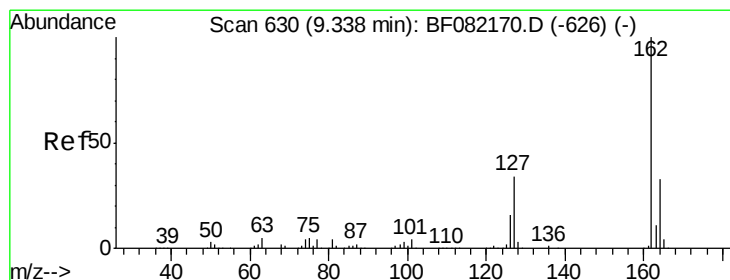
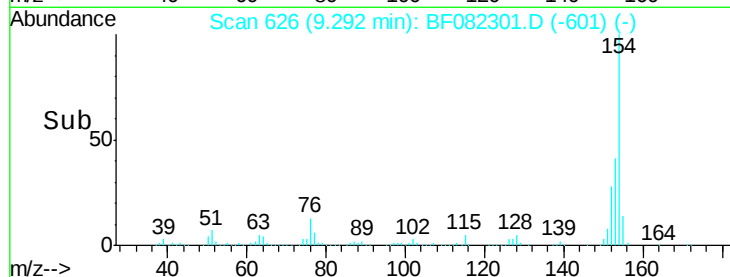
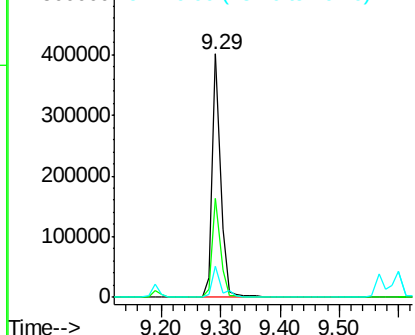
#45
 1,1'-Biphenyl
 Concen: 33.41 ng
 RT: 9.29 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.6	60.6
76	12.5	0.0	35.2

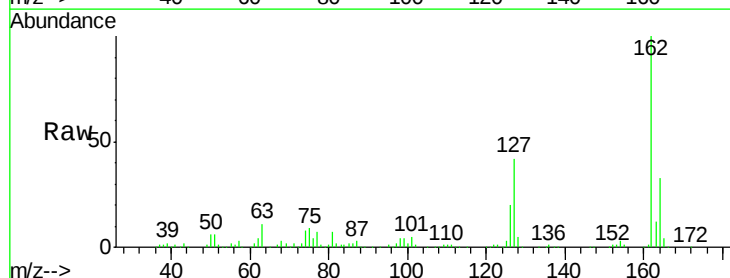


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): E

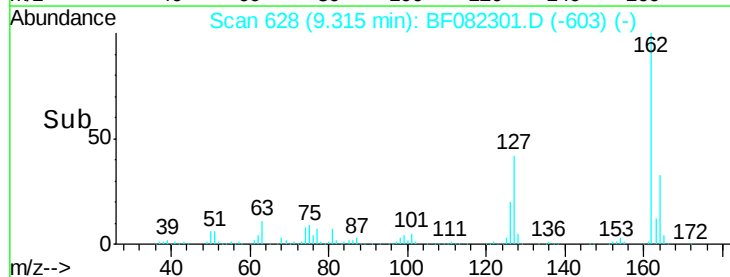
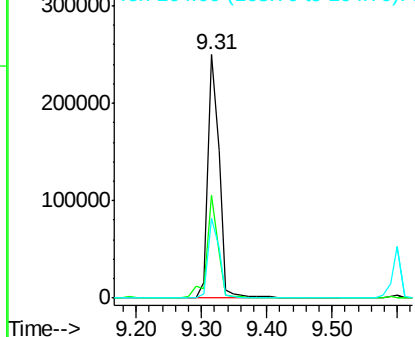


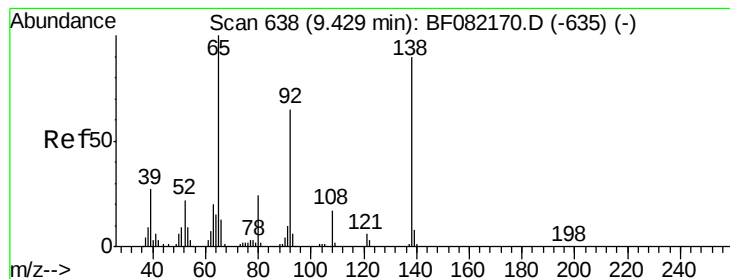
#46
 2-Chloronaphthalene
 Concen: 32.69 ng
 RT: 9.31 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 5:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.2	27.5	41.3#
164	32.9	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: 35.70 ng

RT: 9.42 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

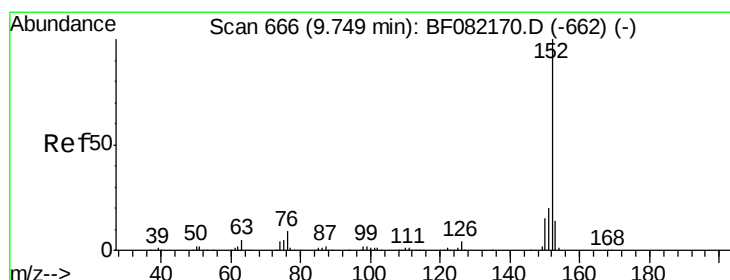
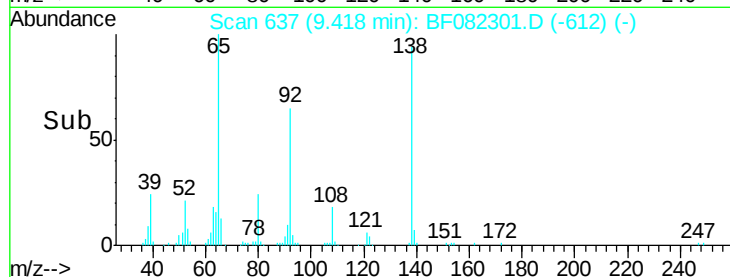
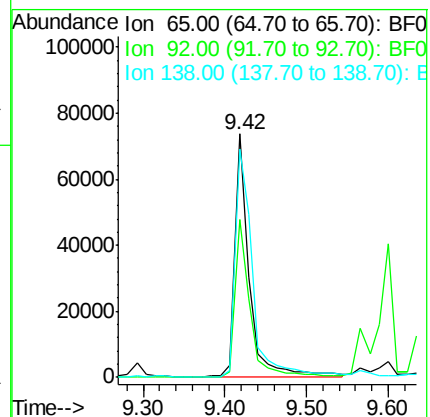
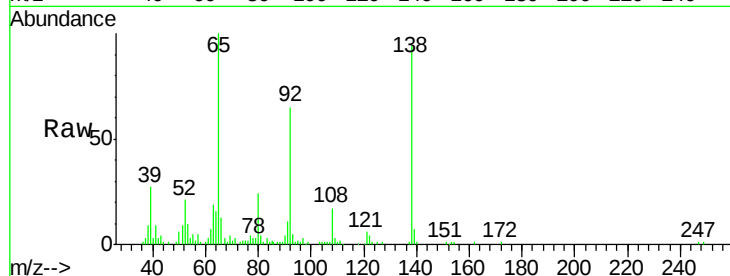
Tot Ion: 65 Resp: 91138

Ion Ratio Lower Upper

65 100

92 64.6 52.3 78.5

138 93.7 72.2 108.4



#48

Acenaphthylene

Concen: 35.73 ng

RT: 9.74 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

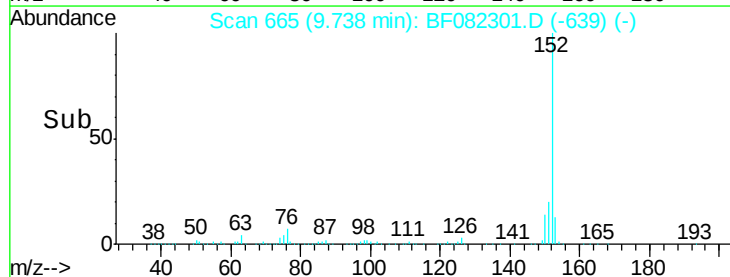
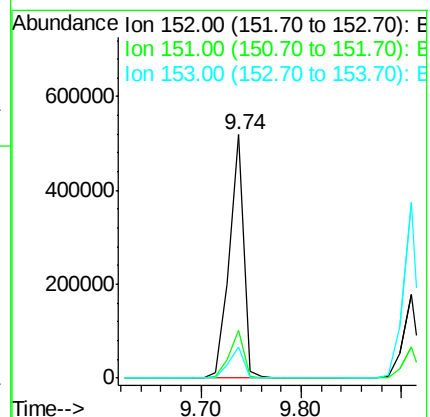
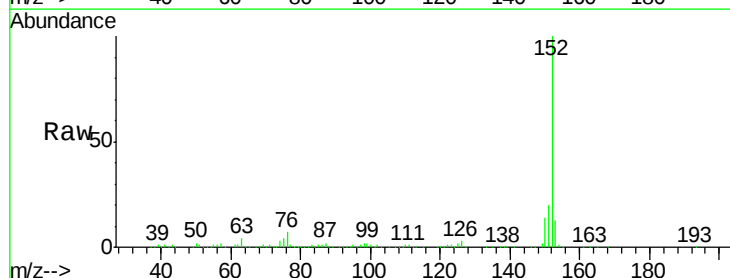
Tgt Ion: 152 Resp: 517558

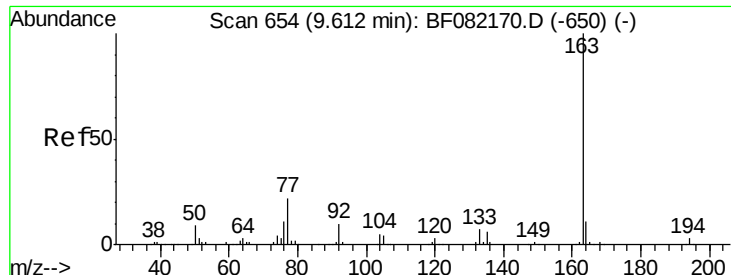
Ion Ratio Lower Upper

152 100

151 19.7 16.4 24.6

153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 44.42 ng

RT: 9.60 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

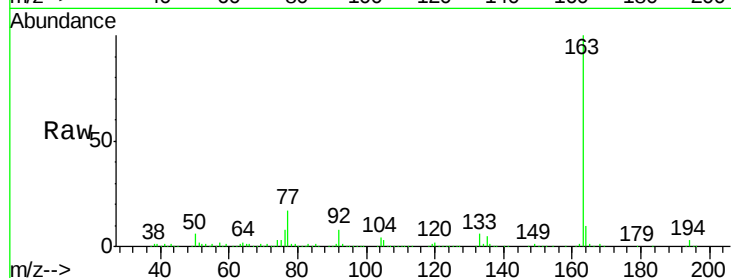
Tot Ion:163 Resp: 484594

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

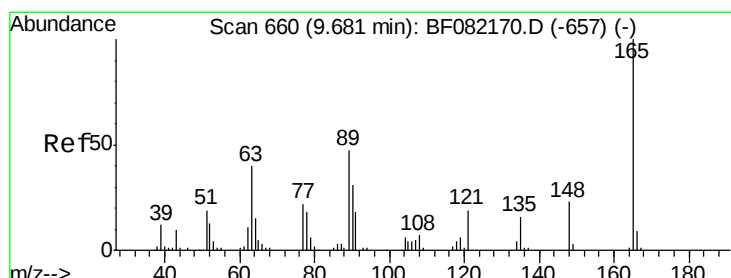
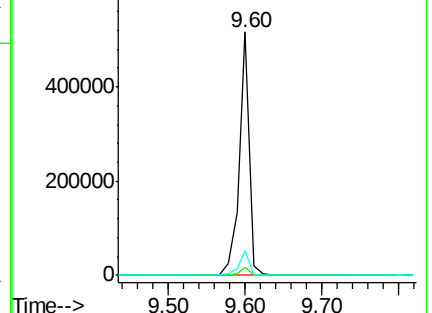
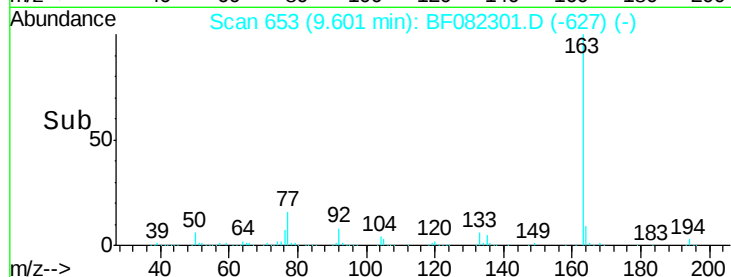
164 10.3 8.5 12.7



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: 33.49 ng

RT: 9.67 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

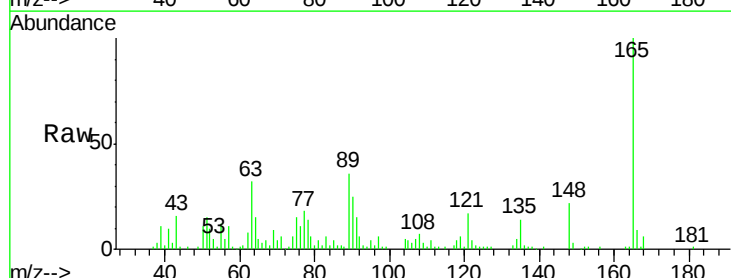
Tgt Ion:165 Resp: 77086

Ion Ratio Lower Upper

165 100

63 31.9 36.7 55.1#

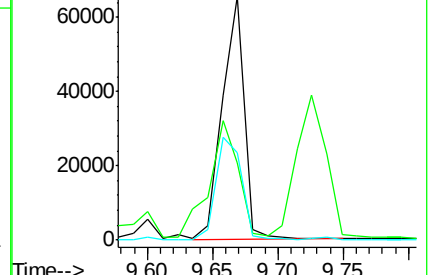
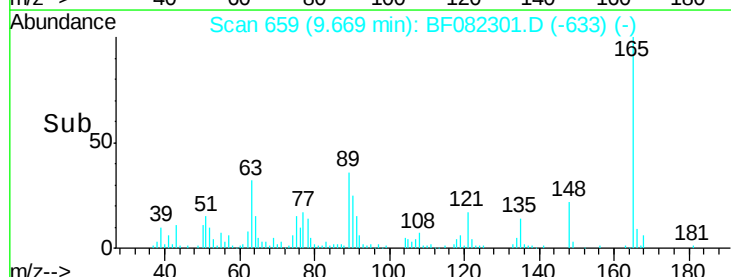
89 35.8 37.8 56.6#

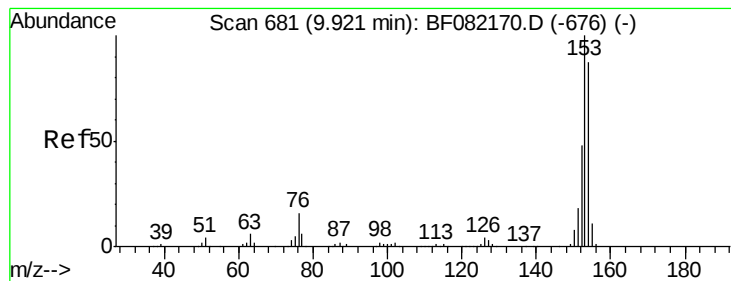


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.10 ng

RT: 9.91 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

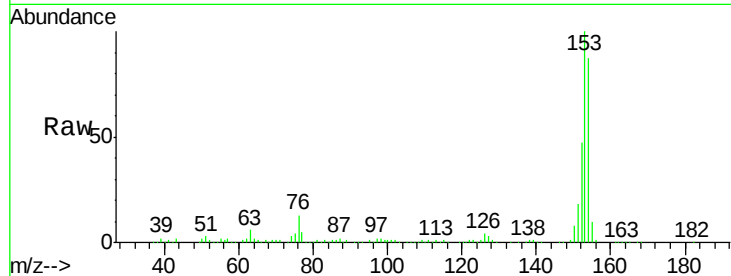
Tot Ion:154 Resp: 305223

Ion Ratio Lower Upper

154 100

153 114.8 91.4 137.2

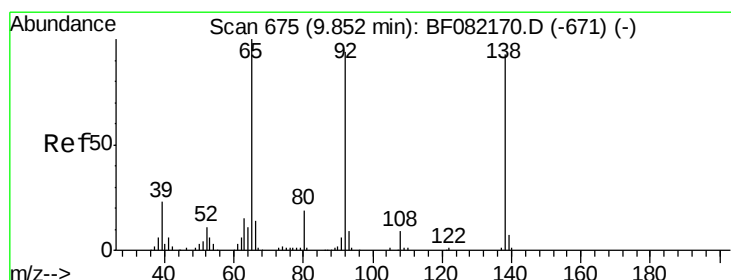
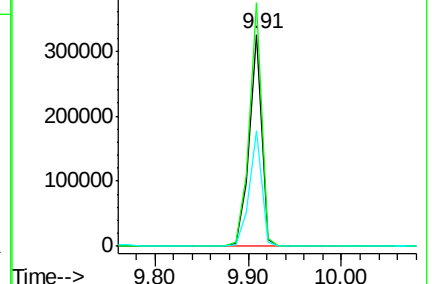
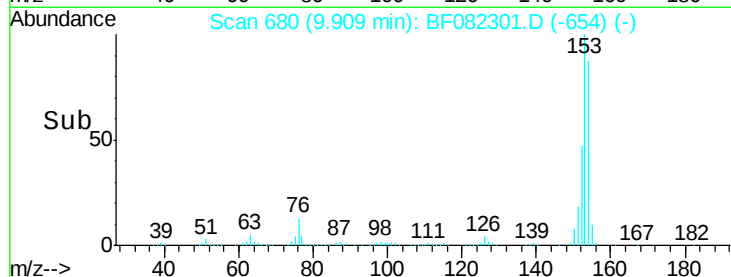
152 54.4 44.3 66.5



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: 27.74 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

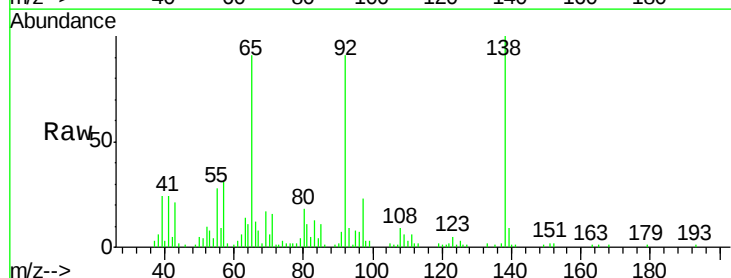
Tgt Ion:138 Resp: 72117

Ion Ratio Lower Upper

138 100

108 9.1 7.4 11.0

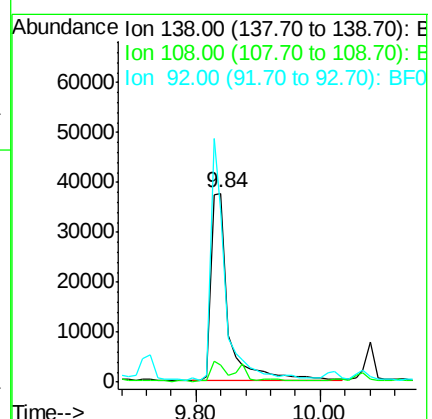
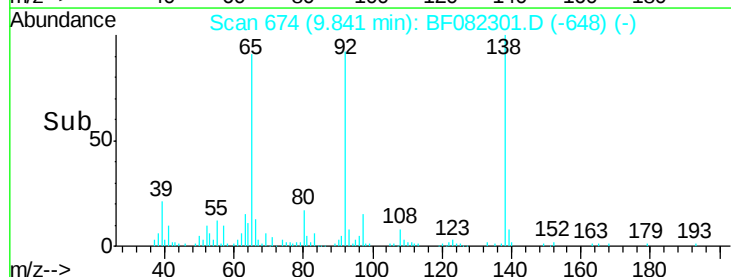
92 91.1 81.3 121.9

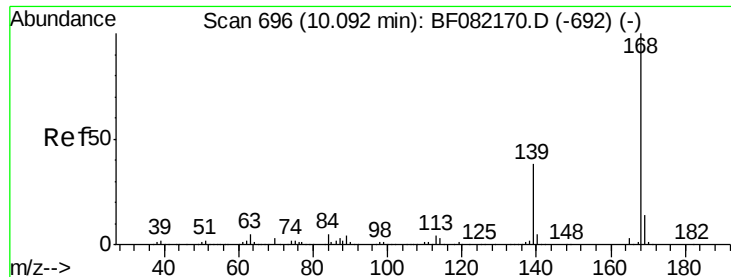


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzenofuran

Concen: 39.48 ng

RT: 10.08 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

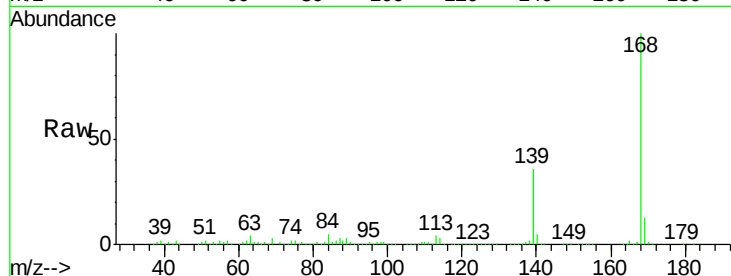
Tot Ion:168 Resp: 471422

Ion Ratio Lower Upper

168 100

139 36.5 31.0 46.6

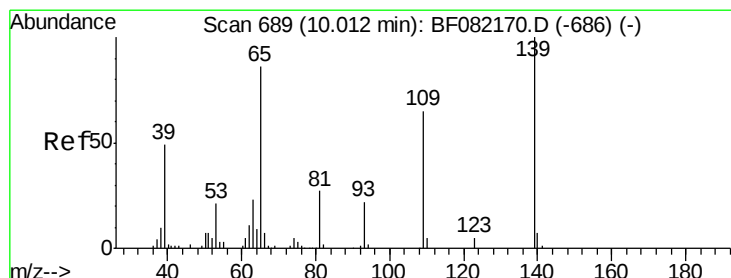
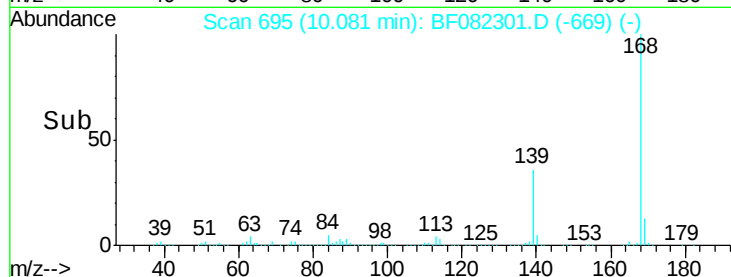
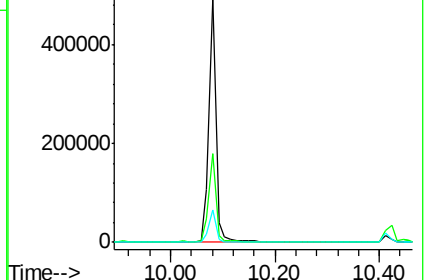
169 13.2 10.9 16.3



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: 94.78 ng

RT: 10.08 min Scan# 695

Delta R.T. 0.07 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

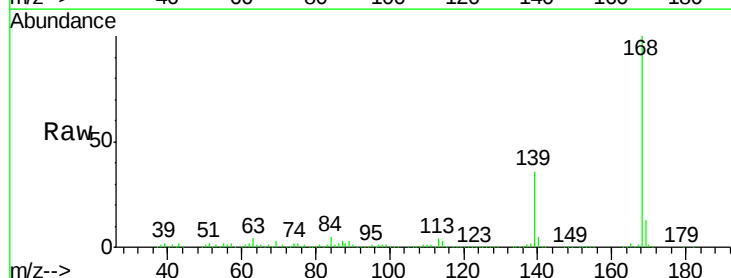
Tgt Ion:139 Resp: 183114

Ion Ratio Lower Upper

139 100

109 2.2 44.8 84.8#

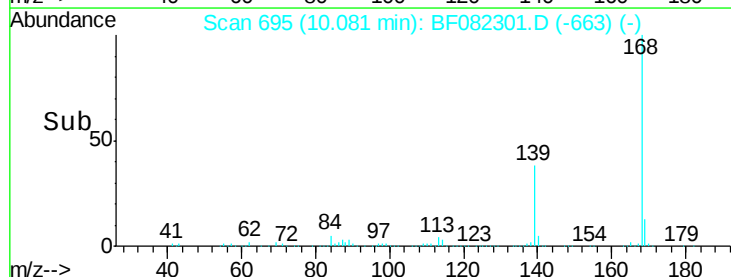
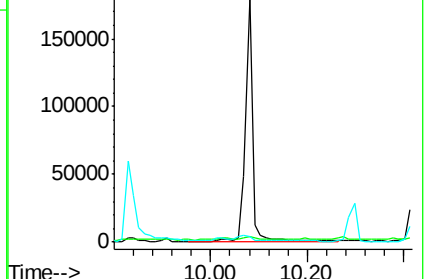
65 2.0 67.7 107.7#

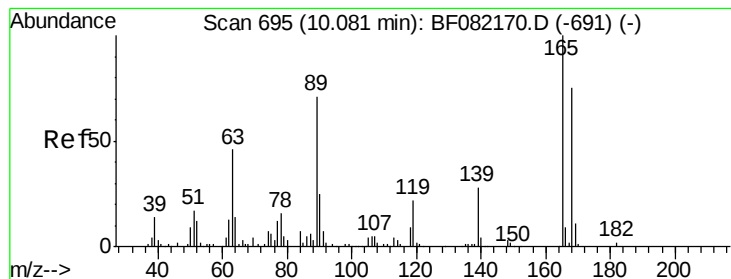


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 36.23 ng

RT: 10.07 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampled :

LF-1MS

Tot Ion:165 Resp: 104244

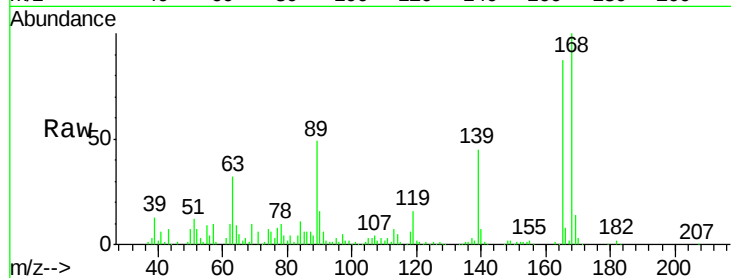
Ion Ratio Lower Upper

165 100

63 37.3 38.6 58.0#

89 55.9 57.0 85.6#

182 2.7 1.8 2.6#

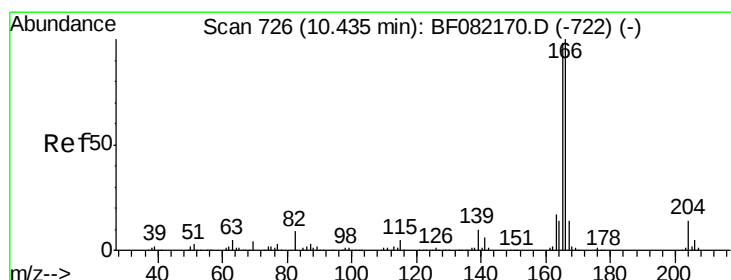
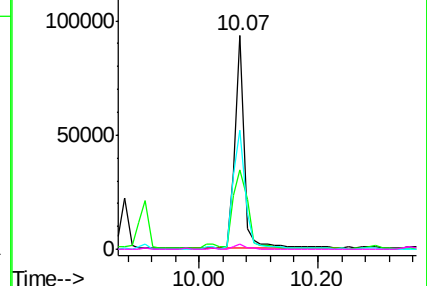
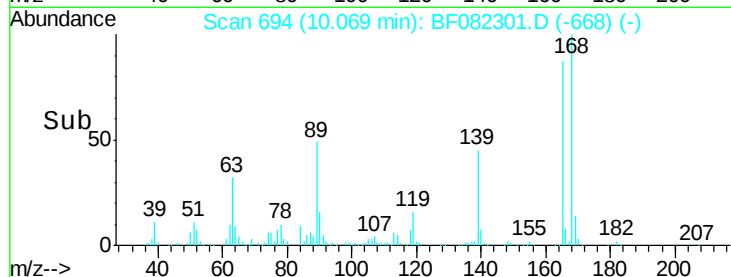


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 36.80 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

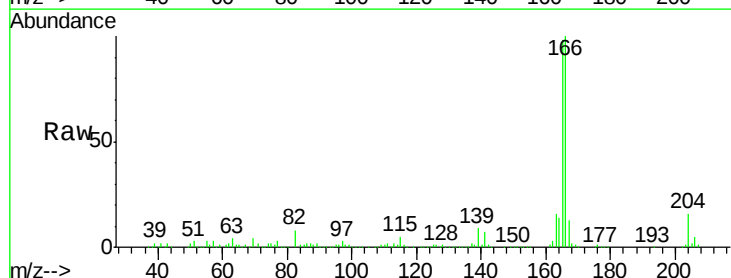
Tgt Ion:166 Resp: 360851

Ion Ratio Lower Upper

166 100

165 98.2 78.3 117.5

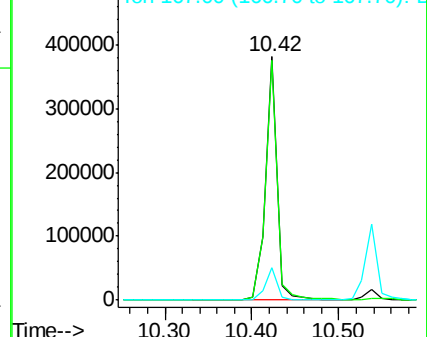
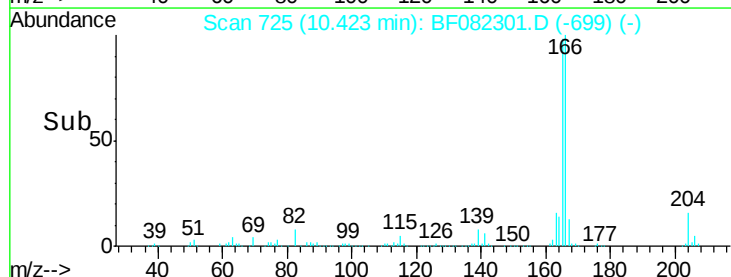
167 13.2 10.8 16.2

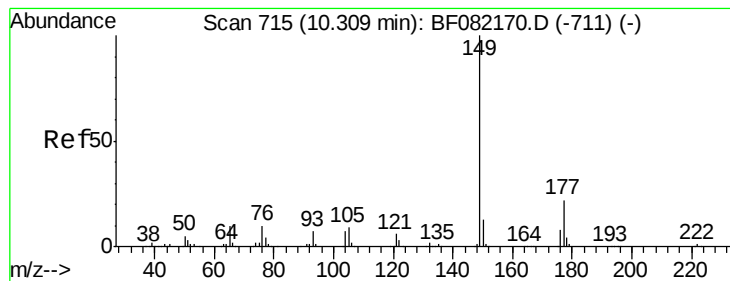


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

Diethylphthalate

Concen: 37.59 ng

RT: 10.30 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

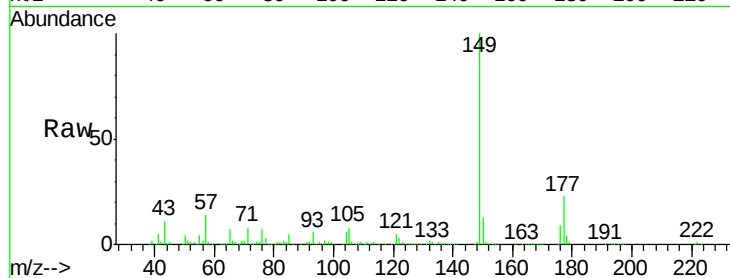
Tot Ion:149 Resp: 382258

Ion Ratio Lower Upper

149 100

177 23.5 17.6 26.4

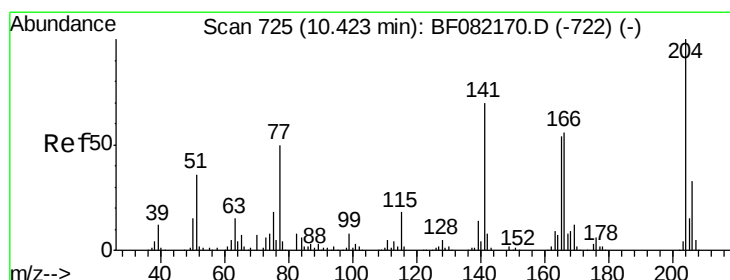
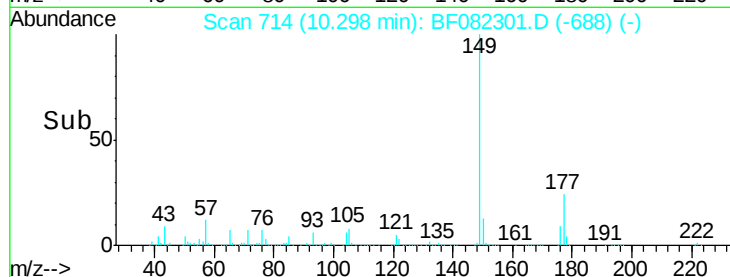
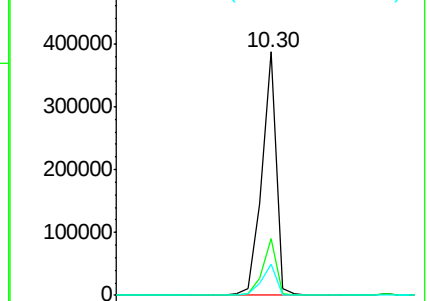
150 12.7 10.3 15.5



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: 35.27 ng

RT: 10.41 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

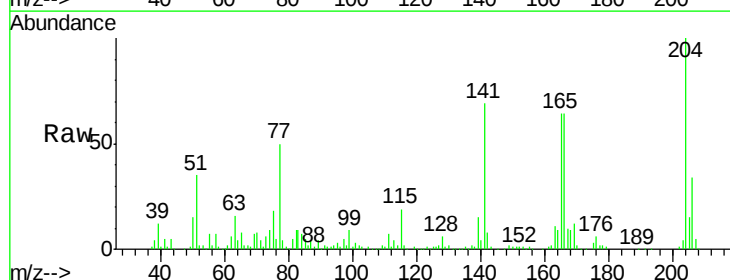
Tgt Ion:204 Resp: 158443

Ion Ratio Lower Upper

204 100

206 33.7 26.8 40.2

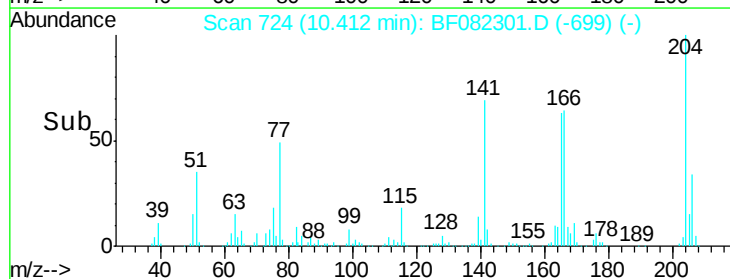
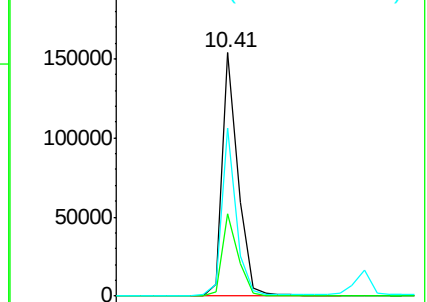
141 69.3 56.1 84.1

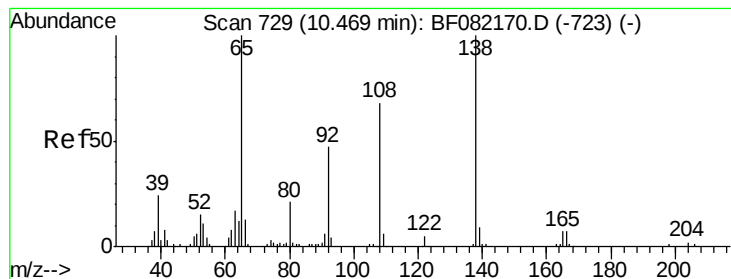


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.11 ng

RT: 10.45 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

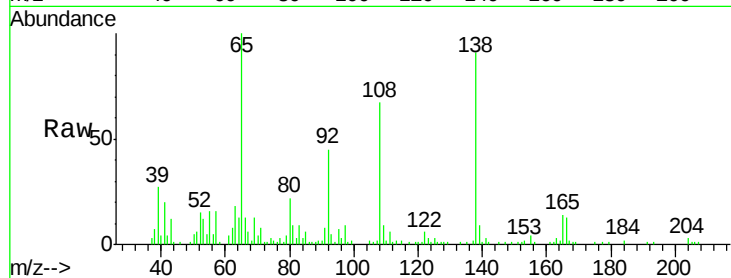
Tot Ion:138 Resp: 78450

Ion Ratio Lower Upper

138 100

92 49.8 26.8 66.8

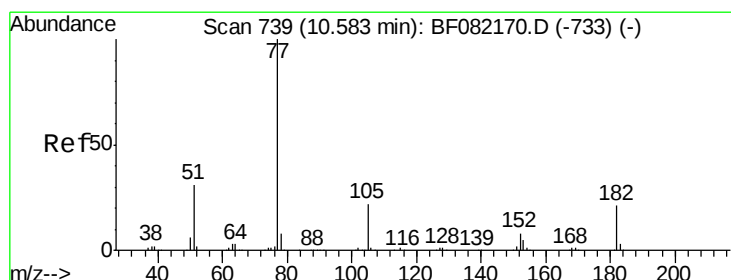
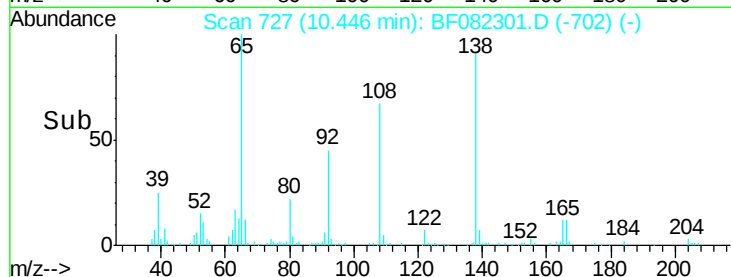
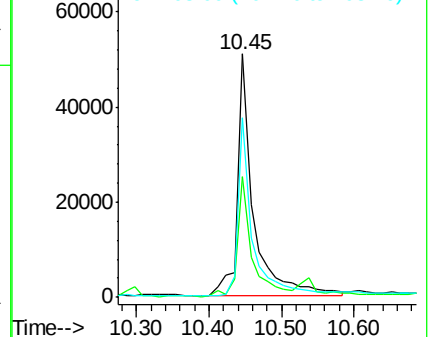
108 73.5 48.4 88.4



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: 33.89 ng

RT: 10.57 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Tgt Ion: 77 Resp: 337235

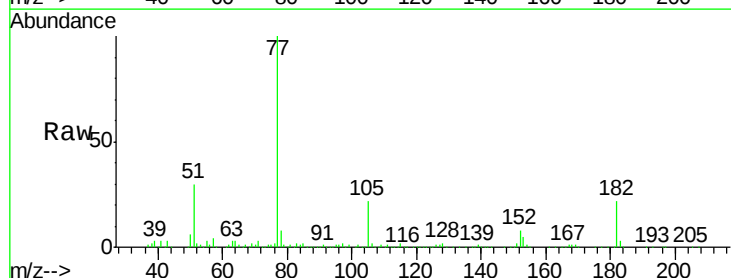
Ion Ratio Lower Upper

77 100

182 22.2 0.5 40.5

105 22.4 1.8 41.8

51 30.4 11.2 51.2

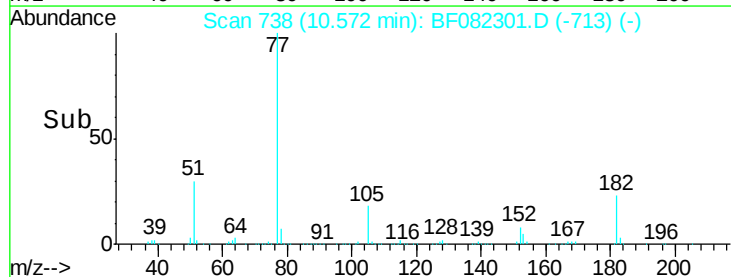
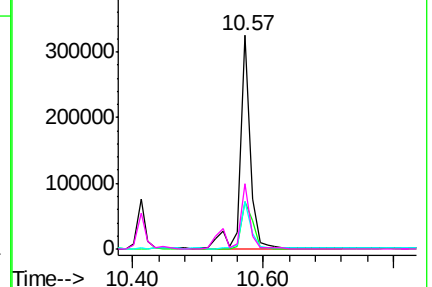


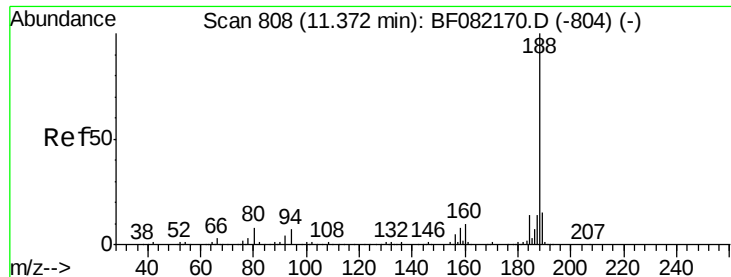
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

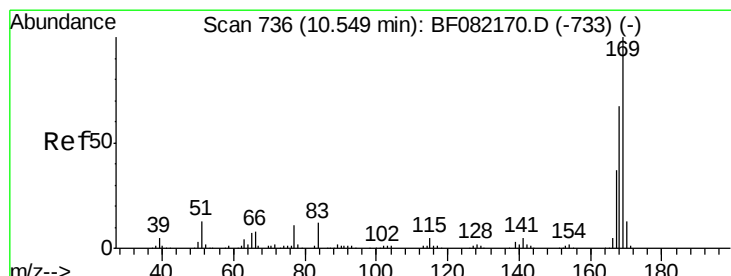
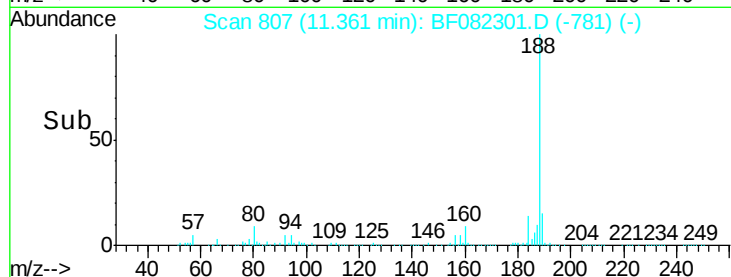
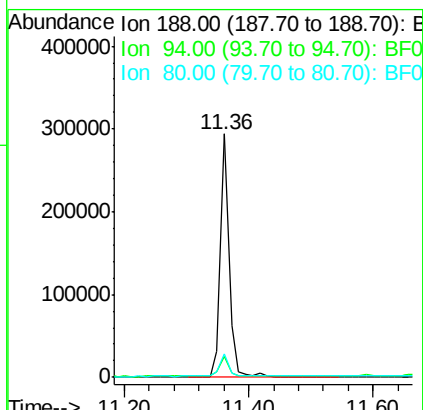
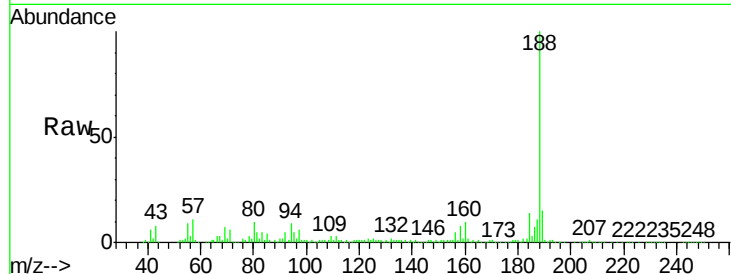




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 5:45

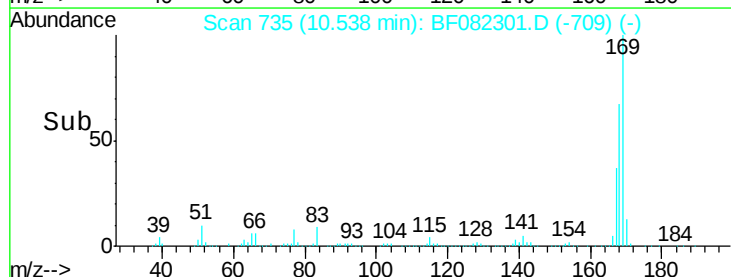
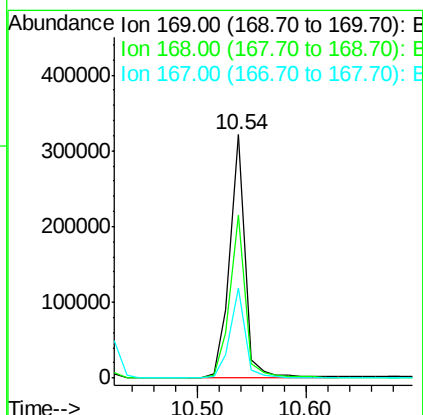
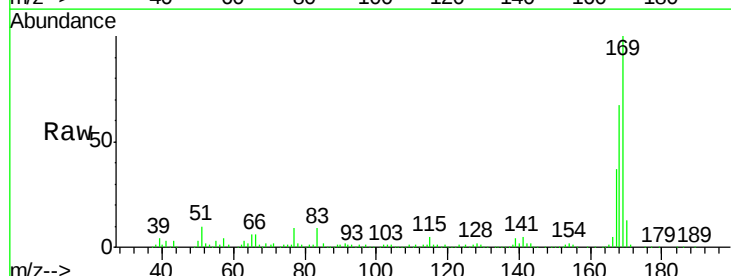
Instrument :
 BNA_F
 ClientSampleId :
 LF-1MS

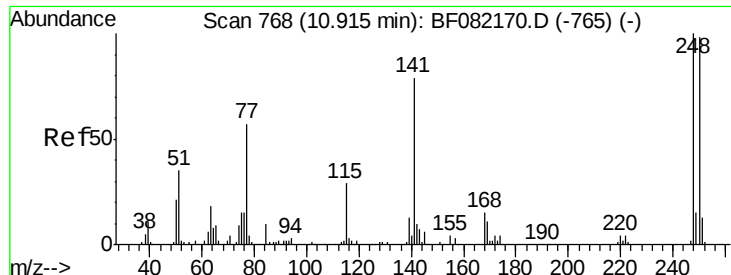
Tot Ion:188 Resp: 285222
 Ion Ratio Lower Upper
 188 100
 94 8.8 5.8 8.6#
 80 9.8 6.4 9.6#



#65
 n-Nitrosodiphenylamine
 Concen: 37.61 ng
 RT: 10.54 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 5:45

Tgt Ion:169 Resp: 321148
 Ion Ratio Lower Upper
 169 100
 168 67.0 54.0 81.0
 167 36.8 29.6 44.4

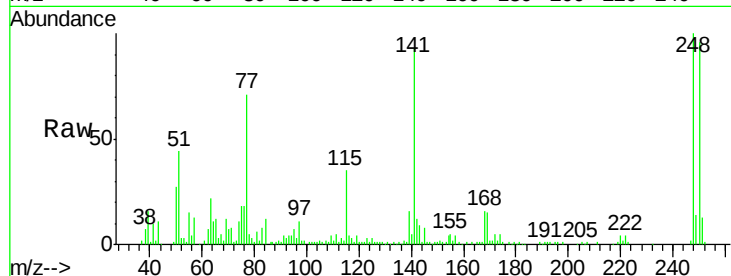




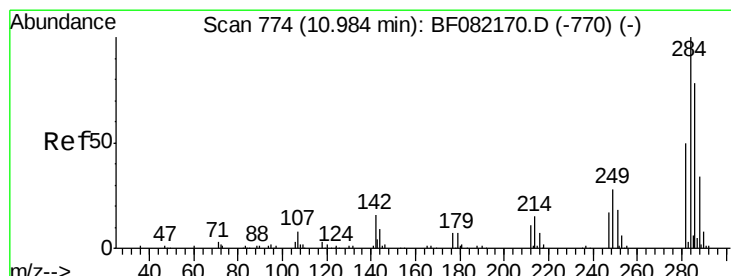
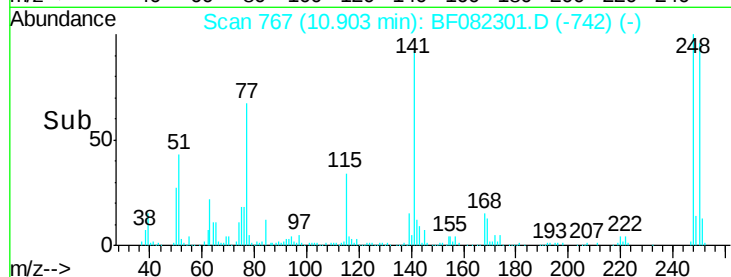
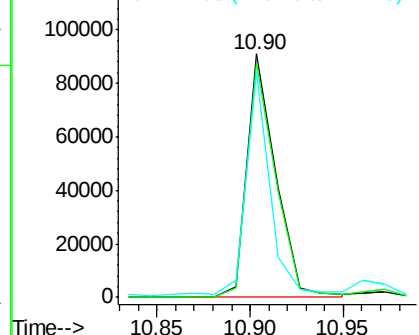
#66
4-Bromophenyl-phenylether
Concen: 34.23 ng
RT: 10.90 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF082301.D
Acq: 15 Oct 2015 5:45

Instrument :
BNA_F
ClientSampleId :
LF-1MS

Tot Ion:248 Resp: 97717
Ion Ratio Lower Upper
248 100
250 96.1 78.6 117.8
141 92.9 63.3 94.9

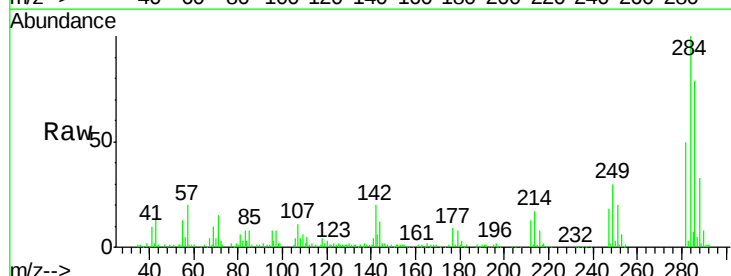


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

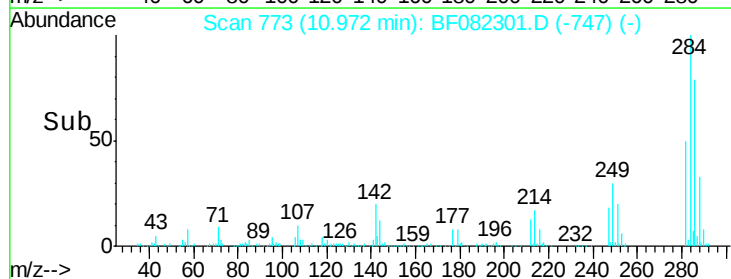
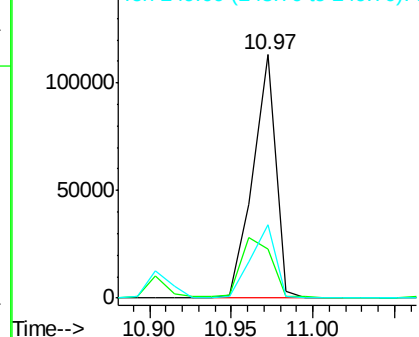


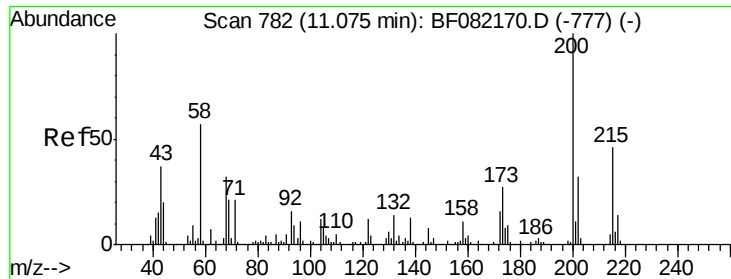
#67
Hexachlorobenzene
Concen: 36.02 ng
RT: 10.97 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082301.D
Acq: 15 Oct 2015 5:45

Tgt Ion:284 Resp: 111209
Ion Ratio Lower Upper
284 100
142 20.0 13.0 19.6#
249 30.1 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

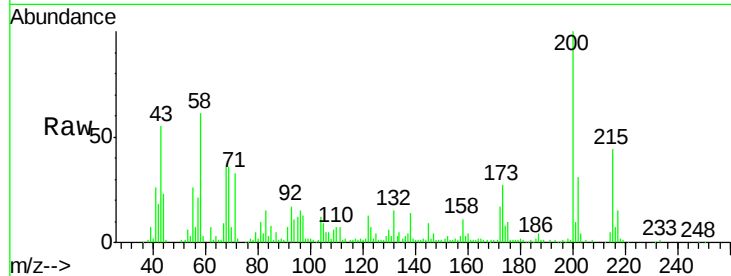




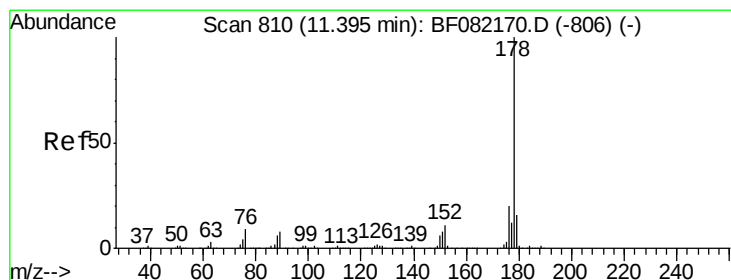
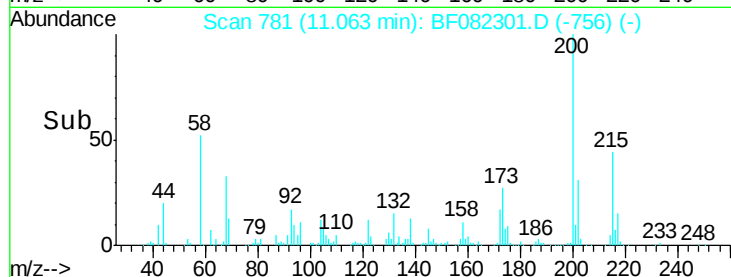
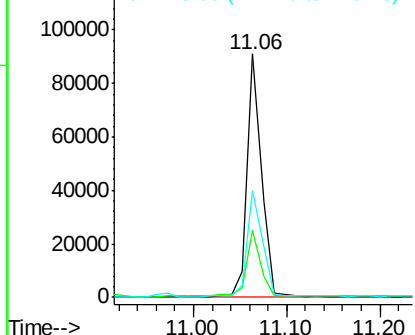
#68
 Atrazine
 Concen: 36.16 ng
 RT: 11.06 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MS

Tot Ion:200 Resp: 97832
 Ion Ratio Lower Upper
 200 100
 173 27.3 7.3 47.3
 215 43.8 26.2 66.2

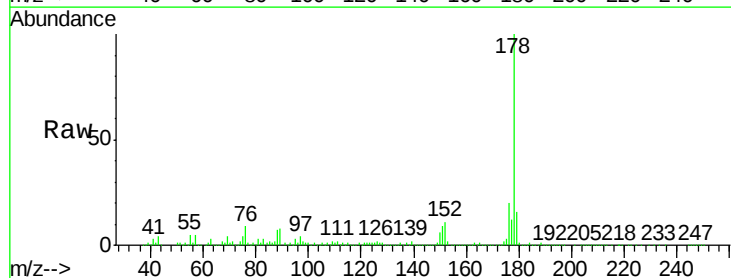


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

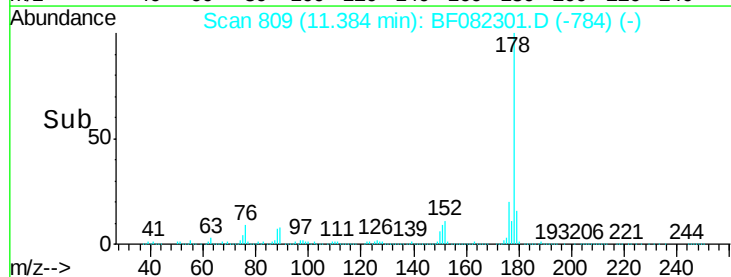
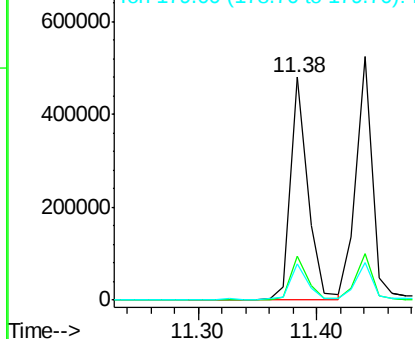


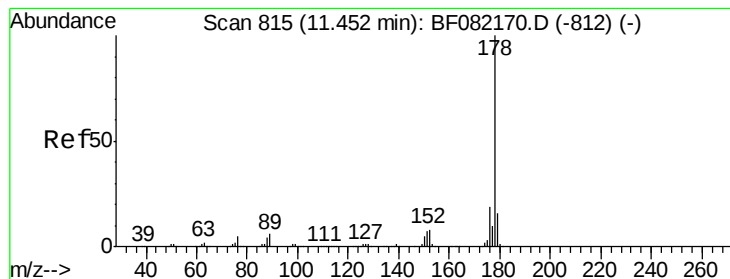
#70
 Phenanthrene
 Concen: 34.12 ng
 RT: 11.38 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 5:45

Tgt Ion:178 Resp: 477025
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 16.0 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: 35.70 ng

RT: 11.44 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

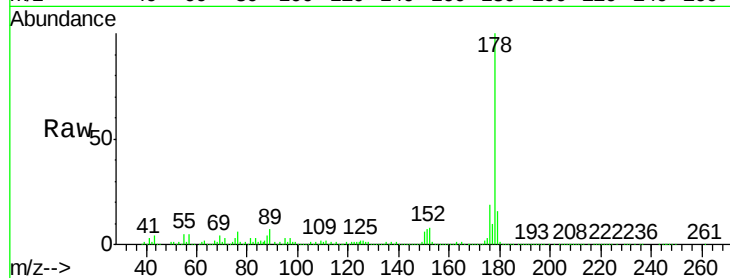
Tot Ion:178 Resp: 514336

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

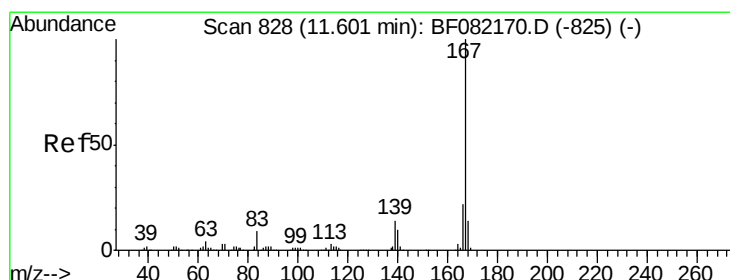
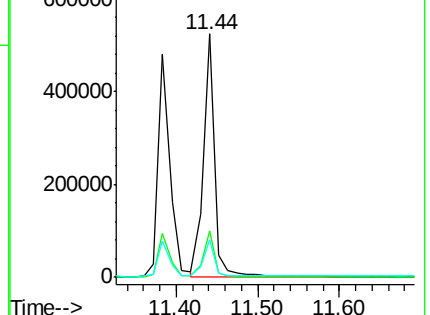
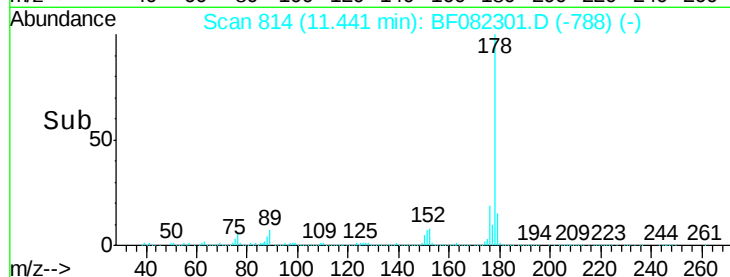
179 15.7 12.5 18.7



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: 33.62 ng

RT: 11.60 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

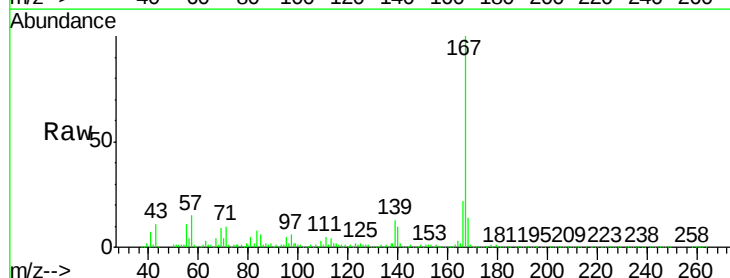
Tgt Ion:167 Resp: 441844

Ion Ratio Lower Upper

167 100

166 22.3 17.3 25.9

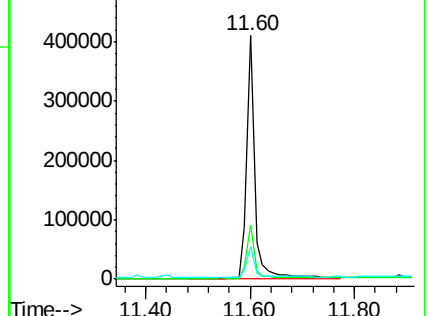
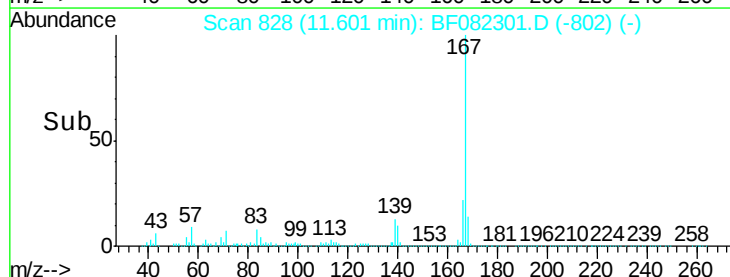
139 13.2 11.2 16.8

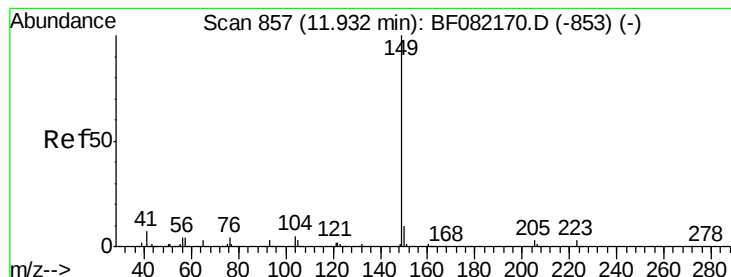


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.71 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

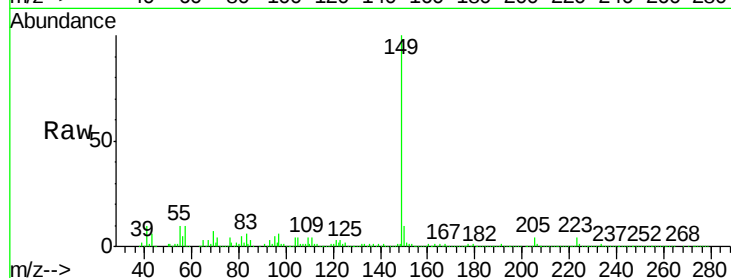
Tot Ion:149 Resp: 562695

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

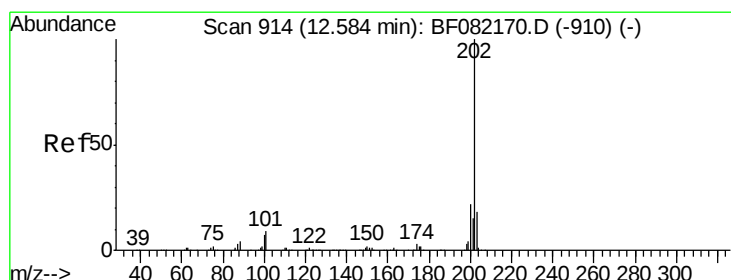
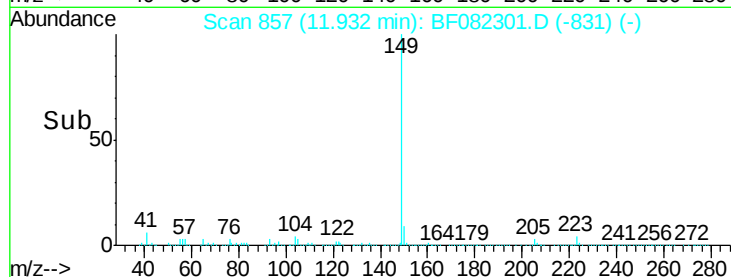
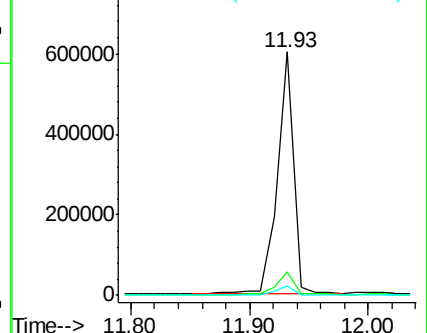
104 4.1 3.8 5.8



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: 29.21 ng

RT: 12.58 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

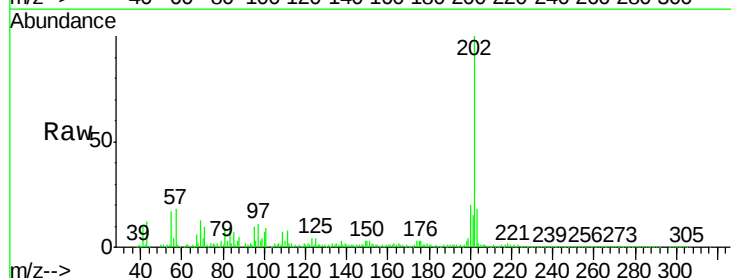
Tgt Ion:202 Resp: 438564

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.3

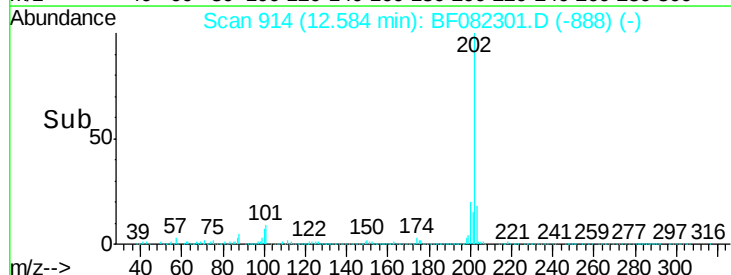
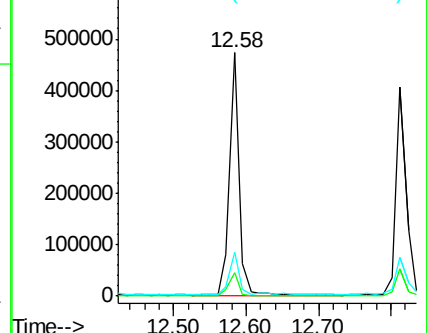
203 18.1 0.0 37.8

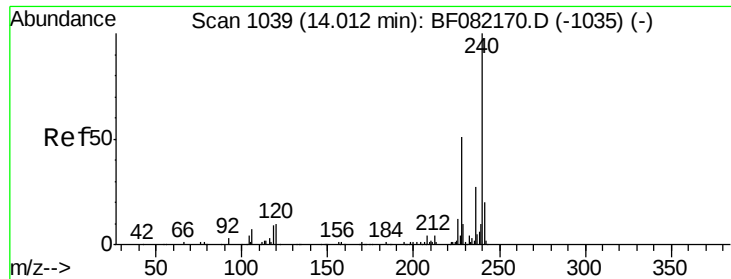


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampled :

LF-1MS

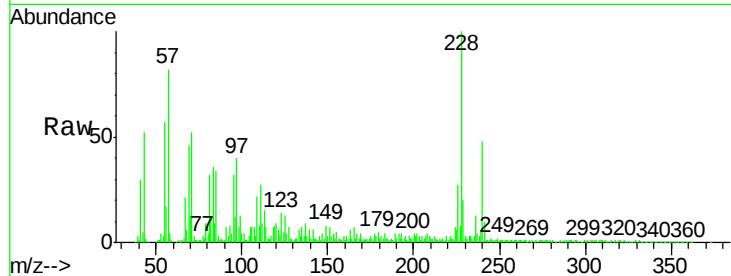
Tot Ion:240 Resp: 157971

Ion Ratio Lower Upper

240 100

120 18.3 8.1 12.1#

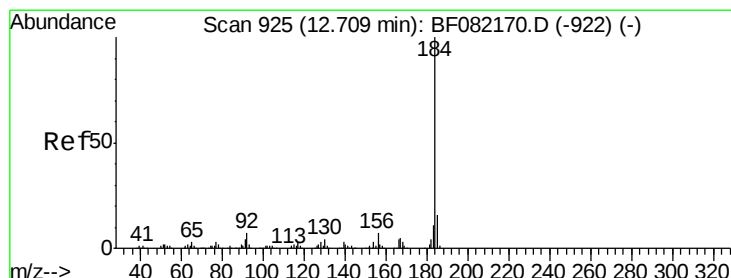
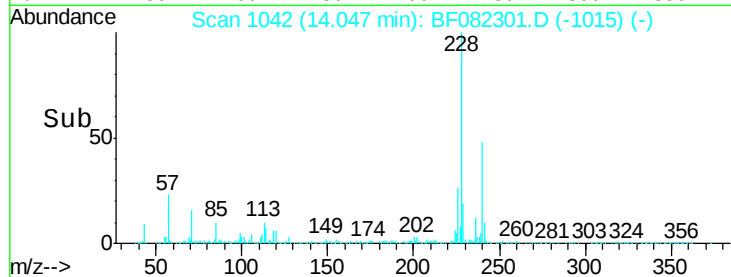
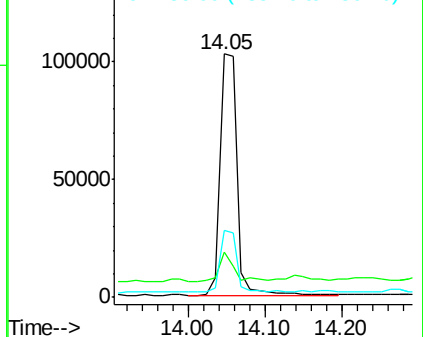
236 27.6 21.3 31.9



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: 23.29 ng

RT: 12.72 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

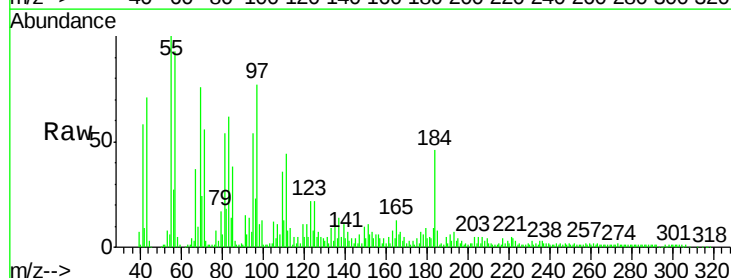
Tgt Ion:184 Resp: 106597

Ion Ratio Lower Upper

184 100

185 17.7 12.5 18.7

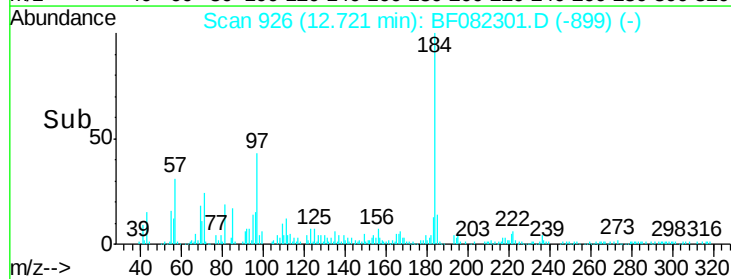
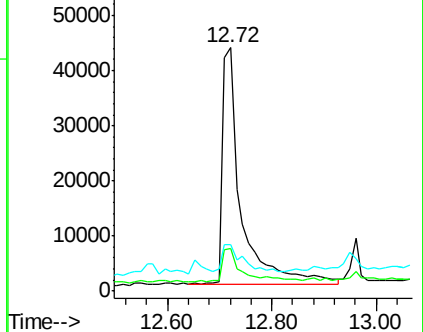
183 19.2 9.1 13.7#

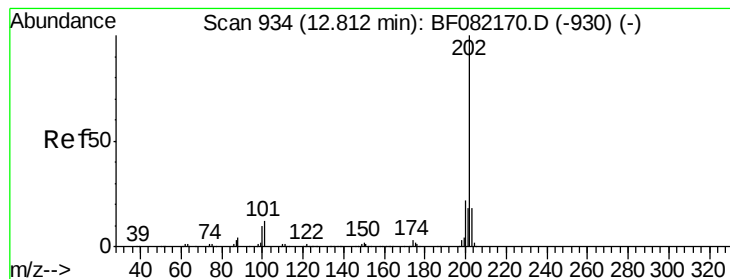


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.71 ng

RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

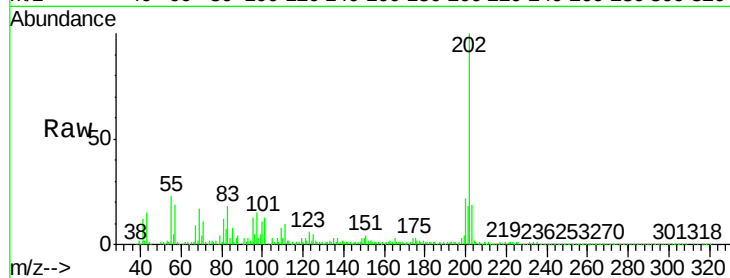
Tot Ion:202 Resp: 400389

Ion Ratio Lower Upper

202 100

200 21.5 17.9 26.9

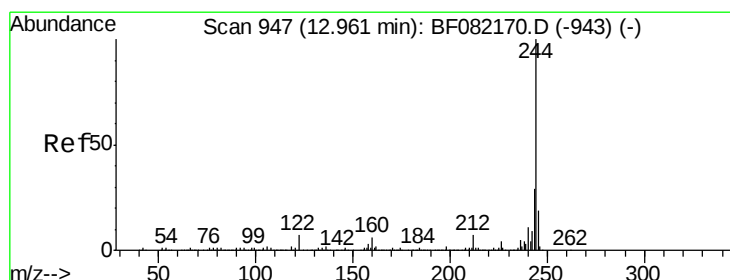
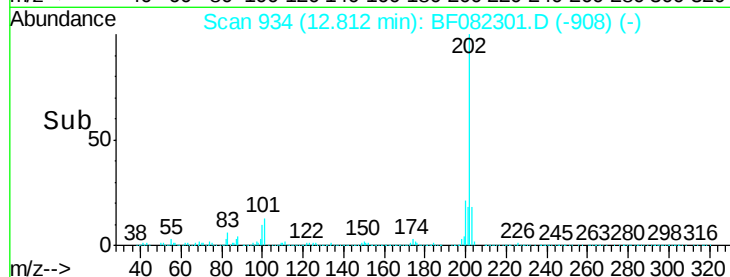
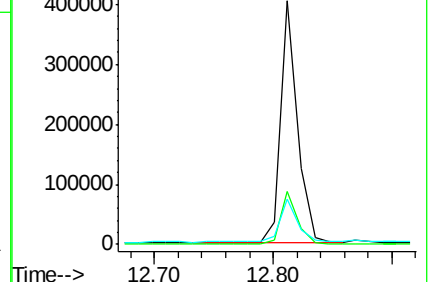
203 18.6 14.5 21.7



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: 90.66 ng

RT: 12.96 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

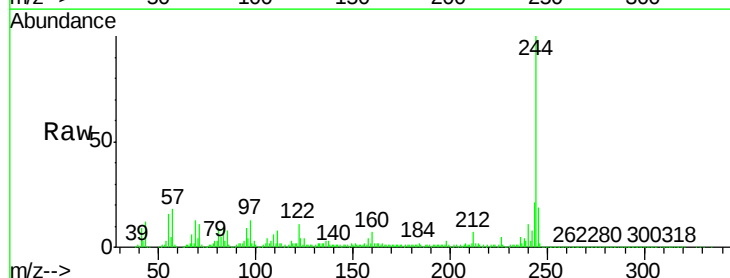
Tgt Ion:244 Resp: 540481

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

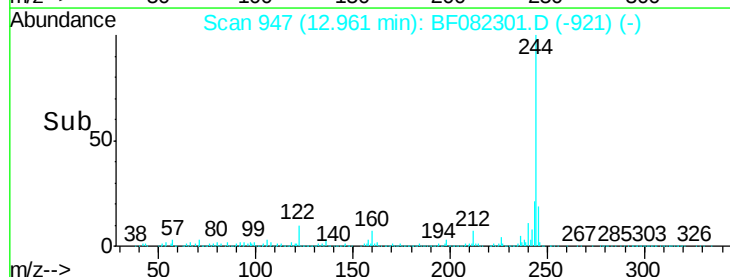
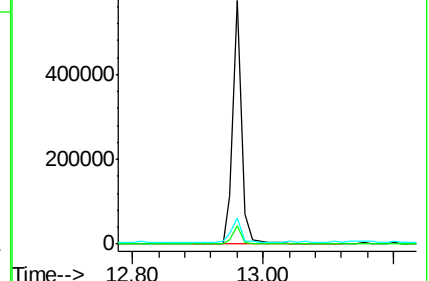
122 10.6 5.9 8.9#

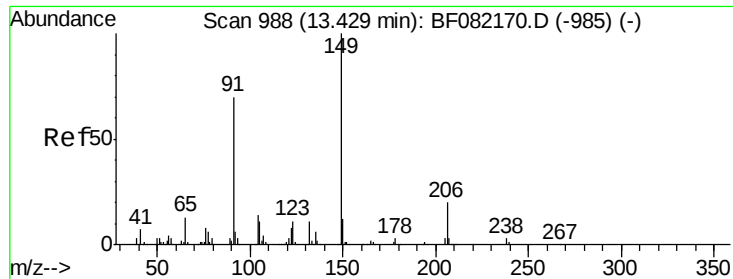


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

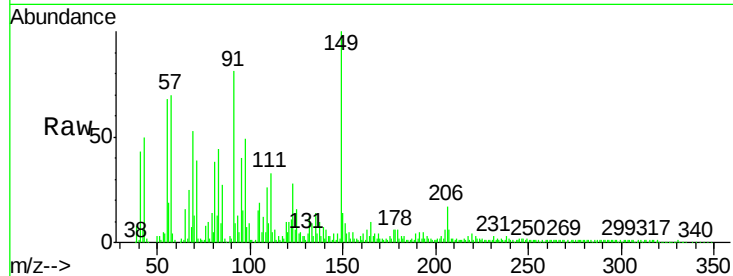




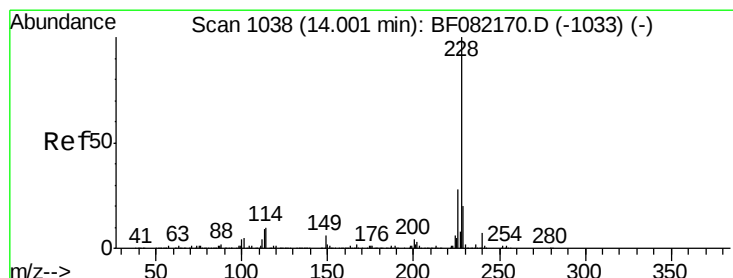
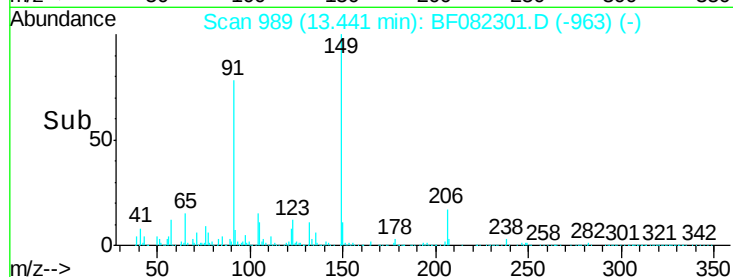
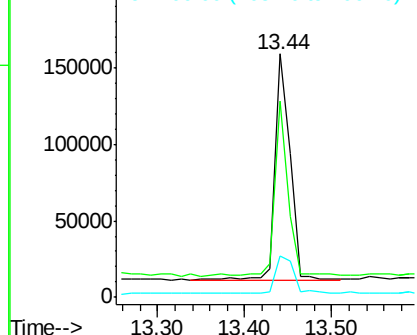
#79
Butylbenzylphthalate
Concen: 40.07 ng
RT: 13.44 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF082301.D
Acq: 15 Oct 2015 5:45

Instrument :
BNA_F
ClientSampleId :
LF-1MS

Tot Ion:149 Resp: 171445
Ion Ratio Lower Upper
149 100
91 80.8 55.7 83.5
206 17.2 15.6 23.4

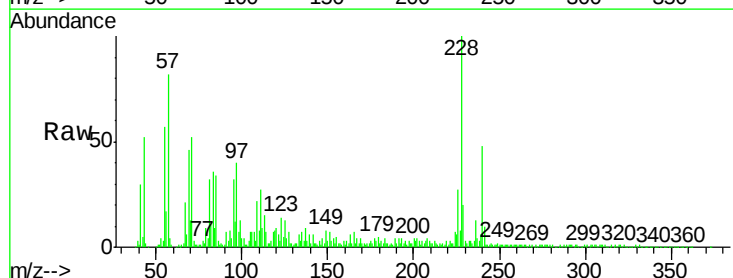


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

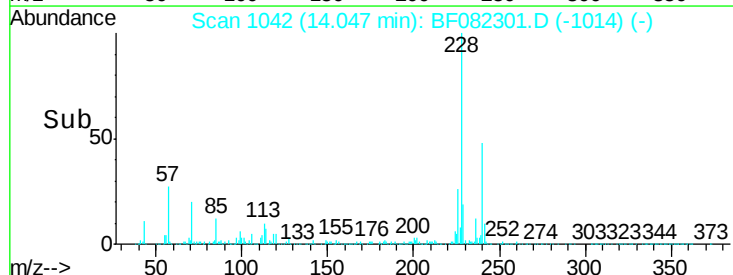
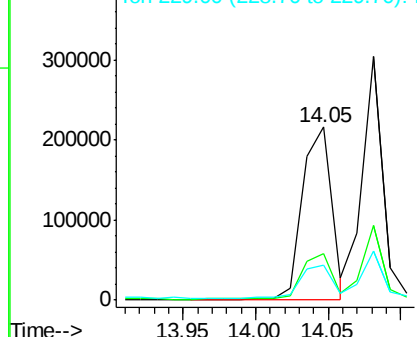


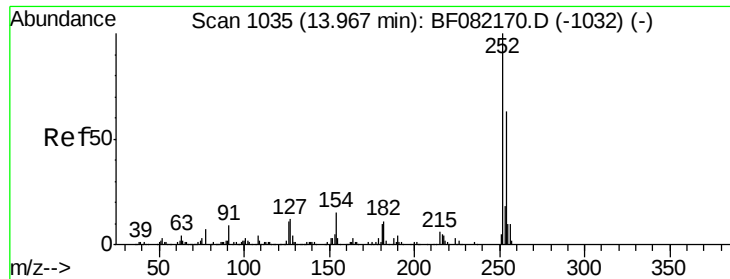
#80
Benzo(a)anthracene
Concen: 36.42 ng
RT: 14.05 min Scan# 1042
Delta R.T. 0.02 min
Lab File: BF082301.D
Acq: 15 Oct 2015 5:45

Tgt Ion:228 Resp: 299308
Ion Ratio Lower Upper
228 100
226 26.6 22.3 33.5
229 20.3 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

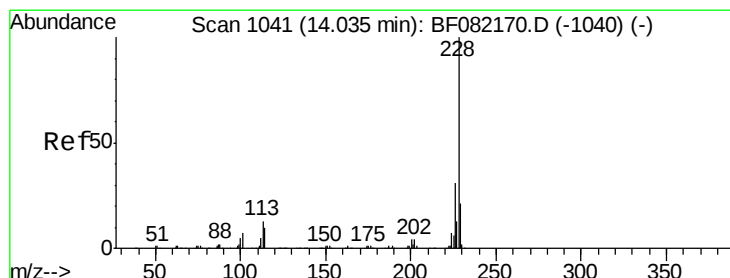
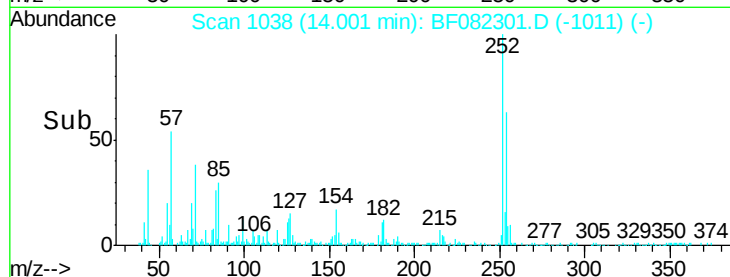
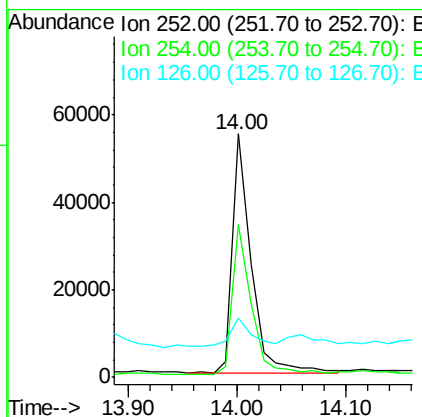
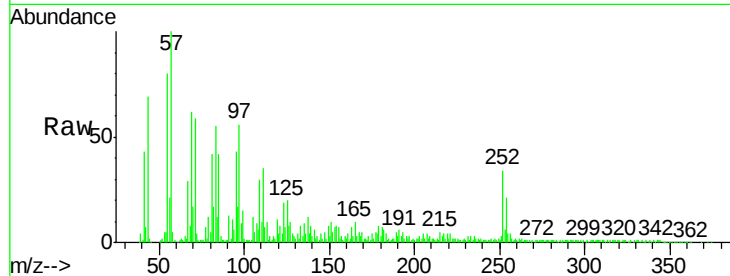




#81
 3,3'-Dichlorobenzidine
 Concen: 20.71 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. 0.01 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 5:45

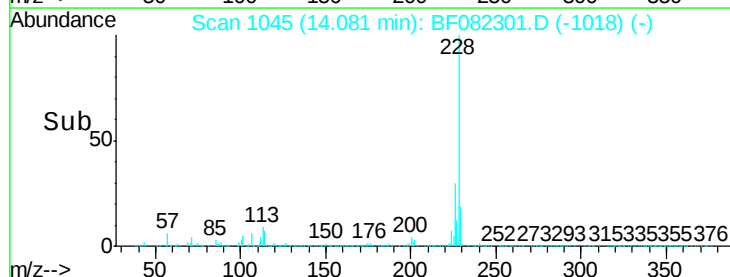
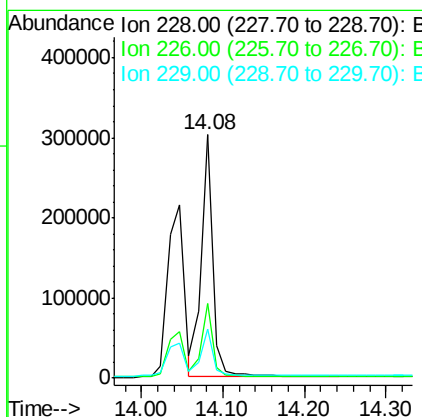
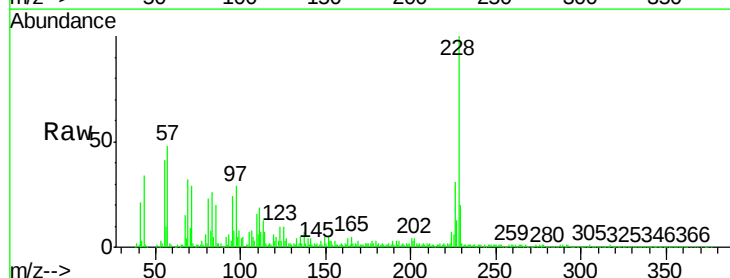
Instrument :
 BNA_F
 ClientSampleId :
 LF-1MS

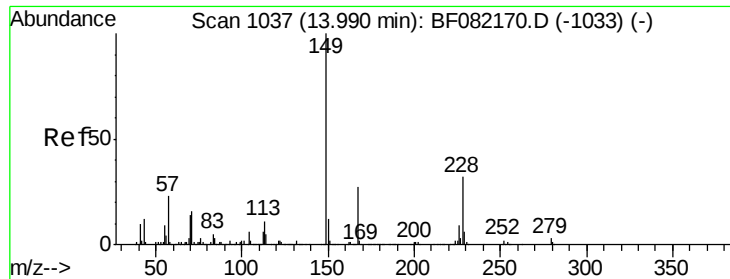
Tot Ion:252 Resp: 64597
 Ion Ratio Lower Upper
 252 100
 254 62.8 50.7 76.1
 126 24.3 9.0 13.6#



#82
 Chrysene
 Concen: 35.34 ng
 RT: 14.08 min Scan# 1045
 Delta R.T. 0.01 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 5:45

Tgt Ion:228 Resp: 306050
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.4 36.6
 229 20.1 16.3 24.5

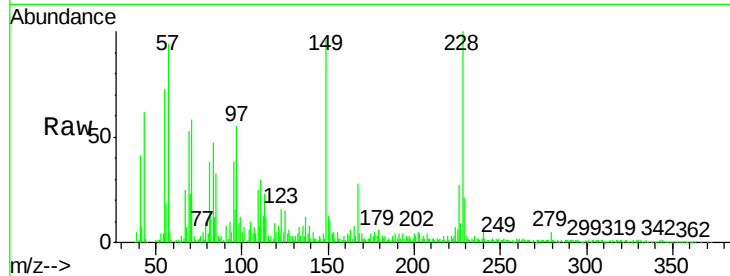




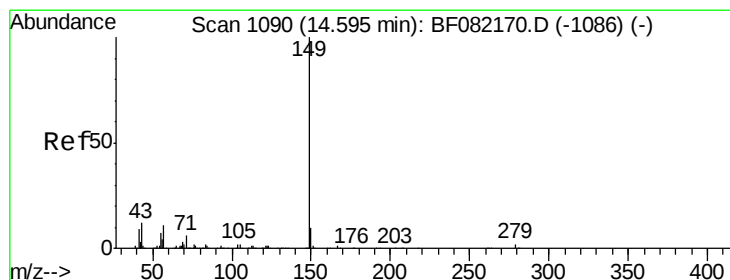
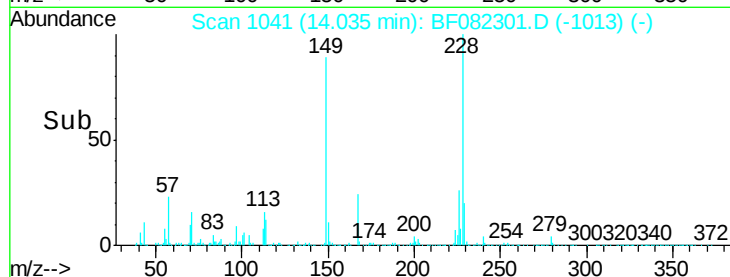
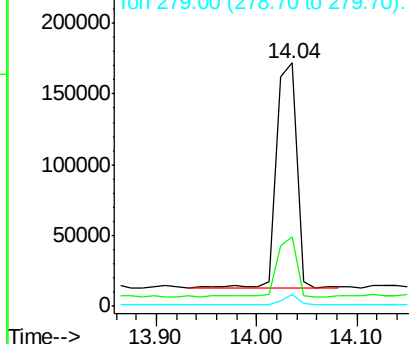
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.44 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.02 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MS

Tot Ion:149 Resp: 222394
 Ion Ratio Lower Upper
 149 100
 167 28.7 21.3 31.9
 279 4.9 2.6 4.0#

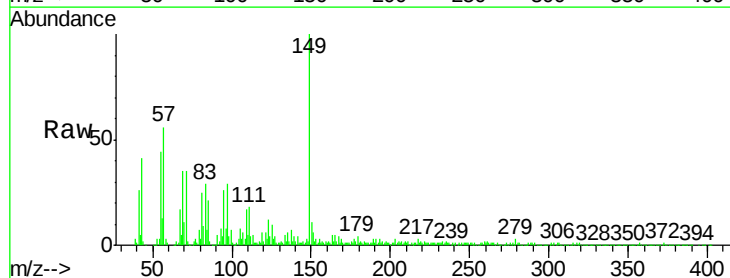


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

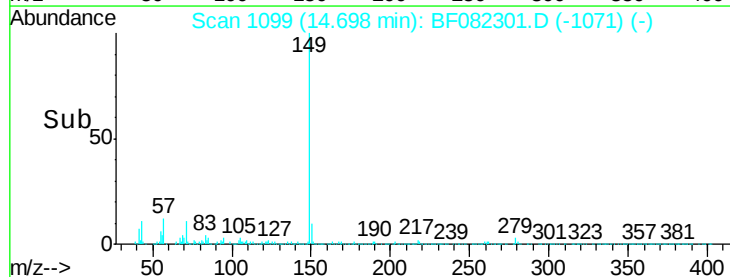
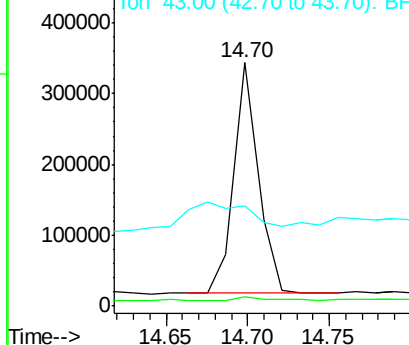


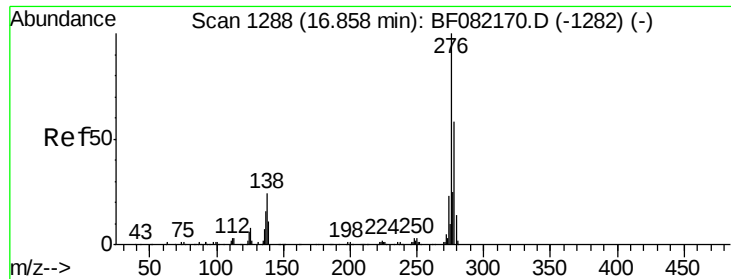
#84
 Di-n-octyl phthalate
 Concen: 32.14 ng
 RT: 14.70 min Scan# 1099
 Delta R.T. 0.02 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 5:45

Tgt Ion:149 Resp: 336914
 Ion Ratio Lower Upper
 149 100
 167 1.4 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

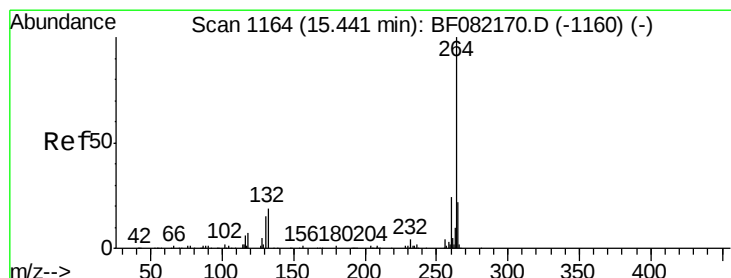
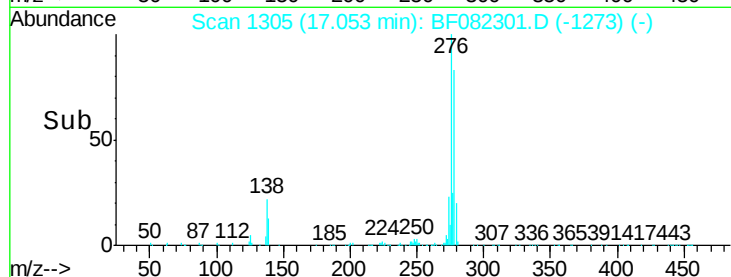
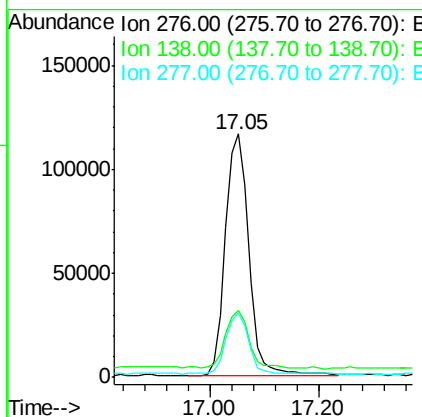
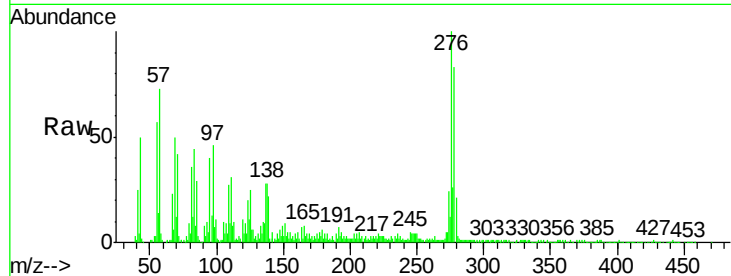




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.33 ng
 RT: 17.05 min Scan# 1305
 Delta R.T. 0.07 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 5:45

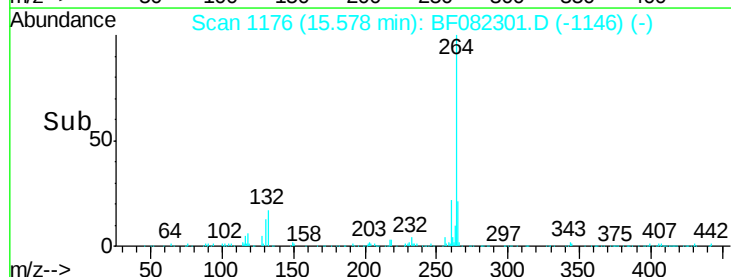
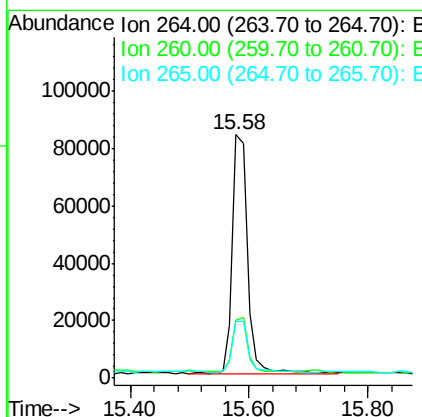
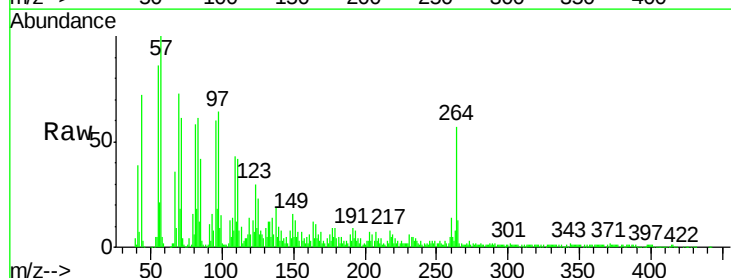
Instrument :
 BNA_F
 ClientSampleId :
 LF-1MS

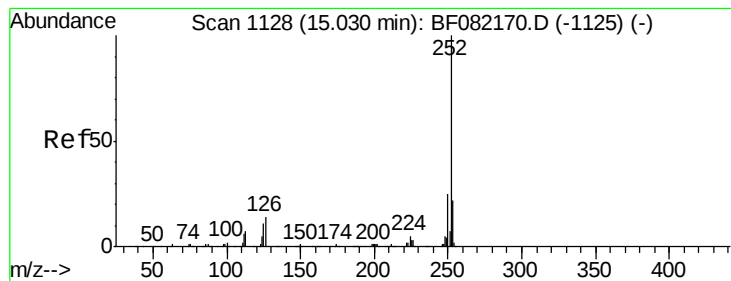
Tot Ion:276 Resp: 346434
 Ion Ratio Lower Upper
 276 100
 138 24.3 19.7 29.5
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.05 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 5:45

Tgt Ion:264 Resp: 148032
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 23.3 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 60.71 ng

RT: 15.16 min Scan# 1139

Delta R.T. 0.03 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

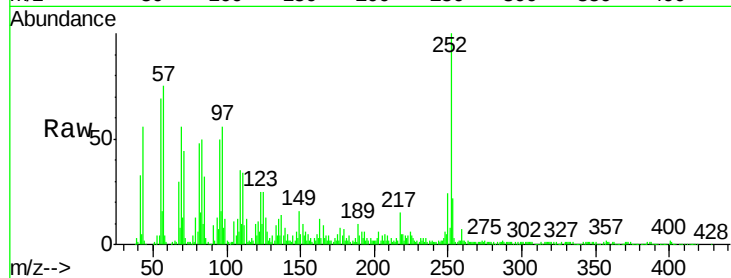
Tot Ion:252 Resp: 546726

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

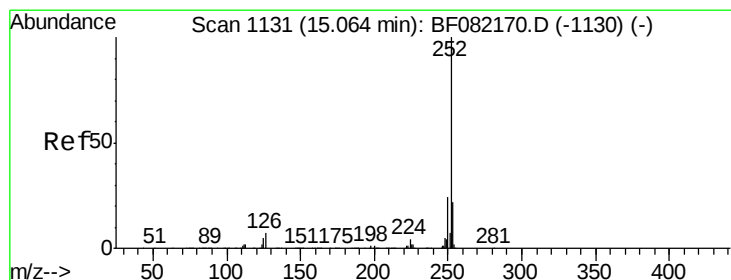
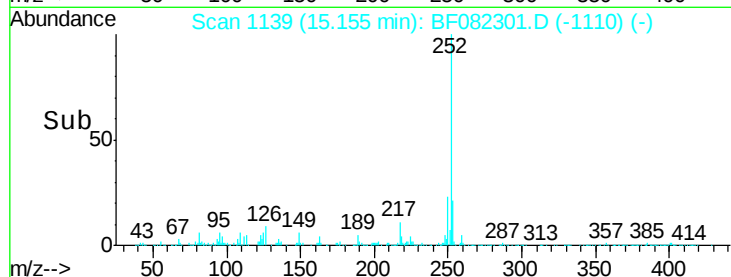
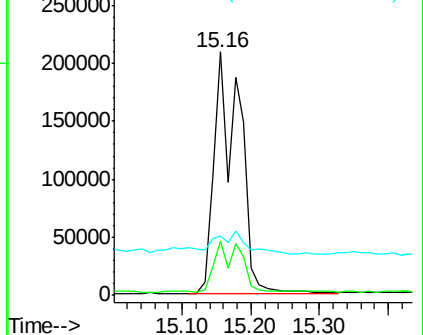
125 24.6 8.6 12.8#



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: 72.22 ng

RT: 15.16 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

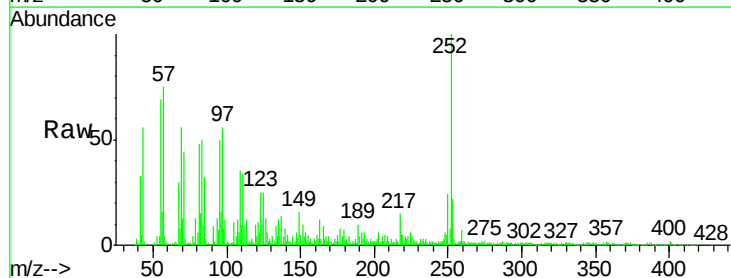
Tgt Ion:252 Resp: 546726

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

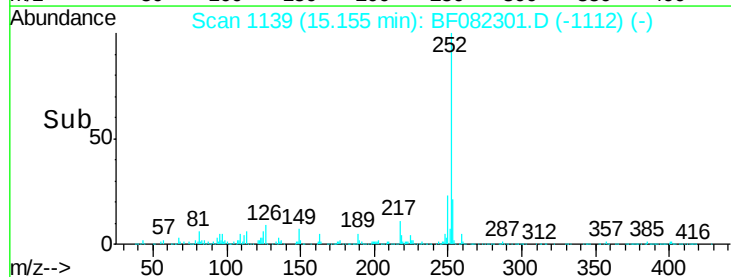
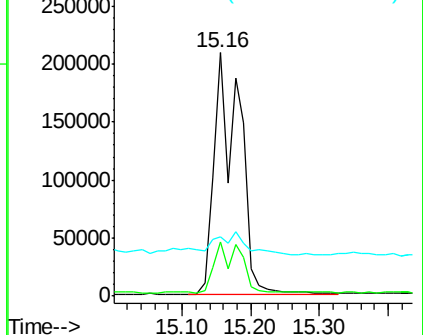
125 24.6 6.7 10.1#

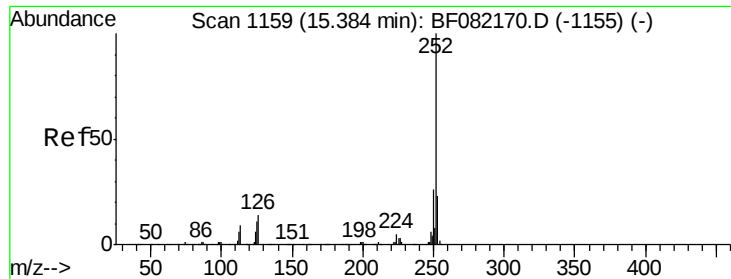


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

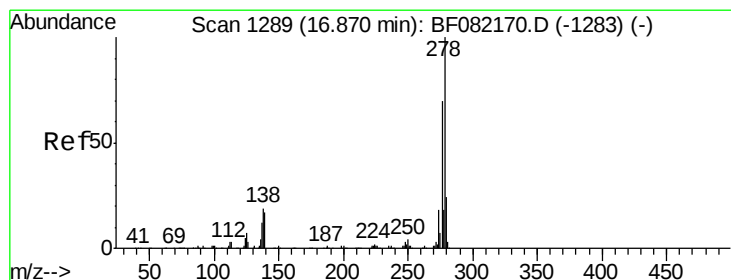
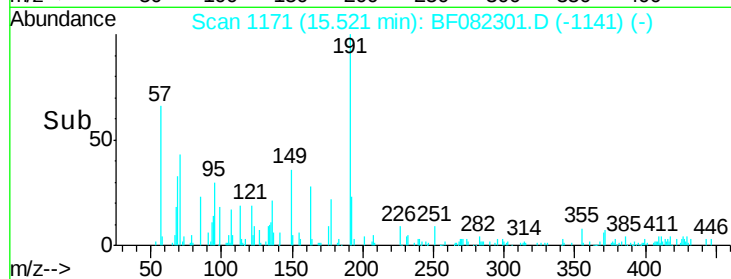
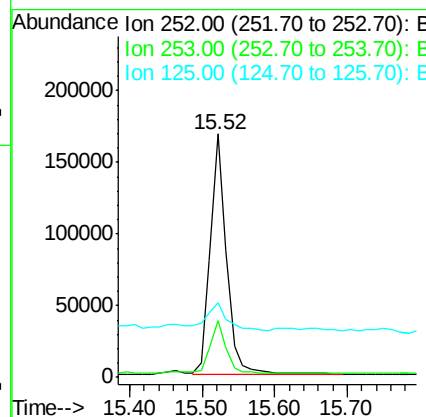
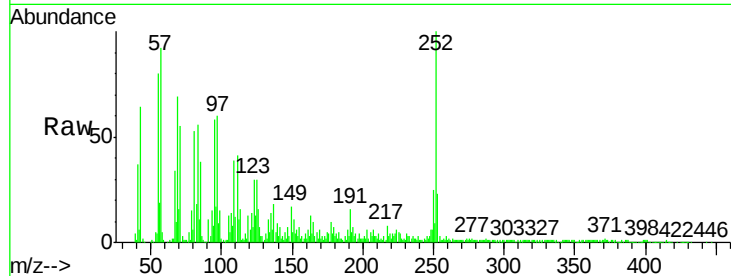




#89
Benzo(a)pyrene
Concen: 33.53 ng
RT: 15.52 min Scan# 1171
Delta R.T. 0.05 min
Lab File: BF082301.D
Acq: 15 Oct 2015 5:45

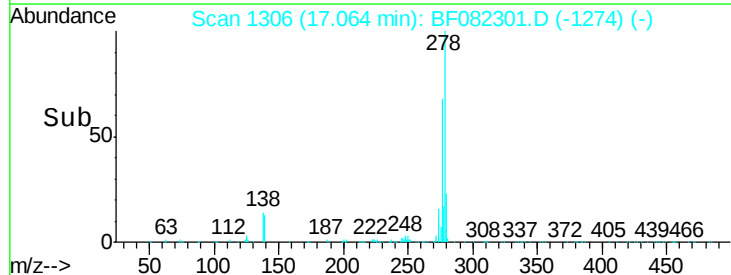
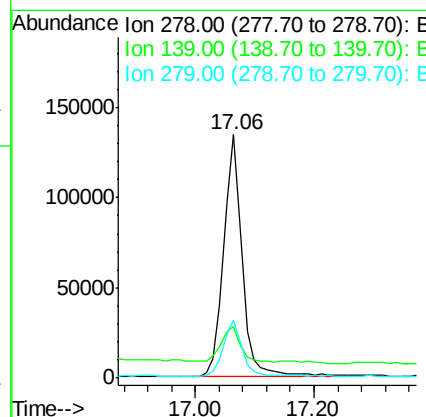
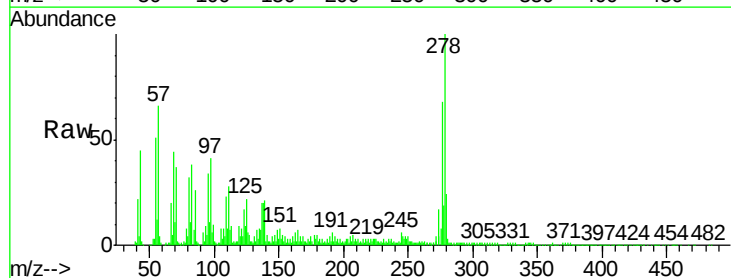
Instrument :
BNA_F
ClientSampleId :
LF-1MS

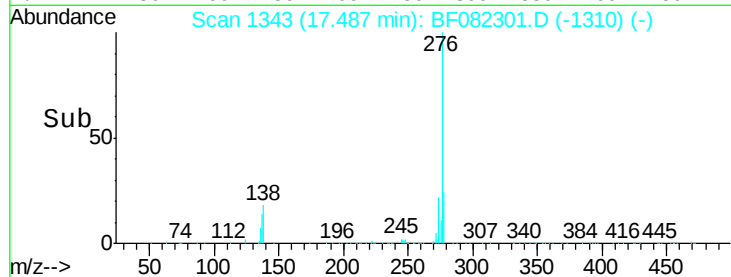
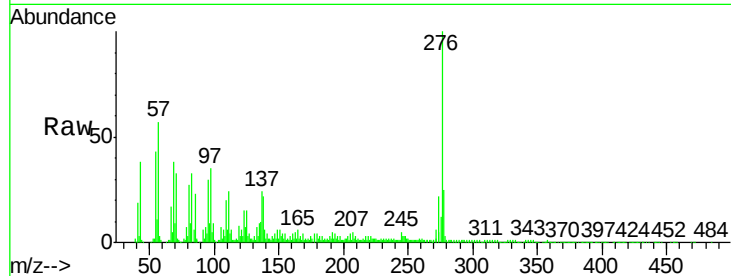
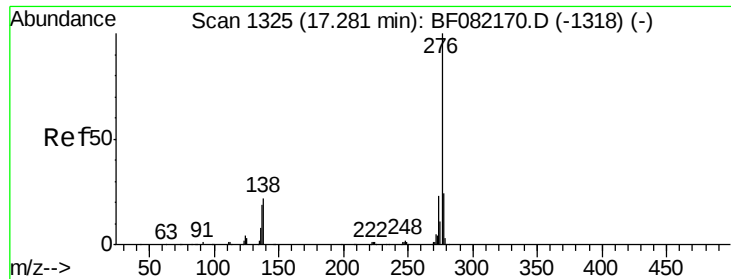
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	30.4	8.9	13.3#



#90
Dibenzo(a,h)anthracene
Concen: 45.83 ng
RT: 17.06 min Scan# 1306
Delta R.T. 0.07 min
Lab File: BF082301.D
Acq: 15 Oct 2015 5:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	13.3	19.9#
279	24.0	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 49.34 ng

RT: 17.49 min Scan# 1343

Delta R.T. 0.08 min

Lab File: BF082301.D

Acq: 15 Oct 2015 5:45

Instrument :

BNA_F

ClientSampleId :

LF-1MS

Tot Ion: 276 Resp: 304037

Ion Ratio Lower Upper

276 100

277 24.7 18.8 28.2

138 21.6 17.4 26.2

