

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
 Data File : BF084675.D
 Acq On : 30 Jan 2016 10:13
 Operator : SJ/IZ
 Sample : H1303-10MS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MS

Quant Time: Feb 01 00:22:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	177751	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	708364	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	332615	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	577371	20.00	ng	0.00
75) Chrysene-d12	13.87	240	338888	20.00	ng	0.00
86) Perylene-d12	15.25	264	332163	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1378938	117.10	ng	0.01
7) Phenol-d6	6.38	99	1831103	129.74	ng	0.01
23) Nitrobenzene-d5	7.30	82	1133328	89.41	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	455259	130.59	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1678424	75.00	ng	0.00
78) Terphenyl-d14	12.83	244	1583268	105.52	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.27	88	162836	29.66	ng	# 73
3) Pyridine	2.94	79	508133	34.74	ng	# 71
4) n-Nitrosodimethylamine	2.90	42	271120	37.91	ng	81
6) Aniline	6.40	93	560781	30.95	ng	# 44
8) 2-Chlorophenol	6.51	128	537179	41.13	ng	89
9) Benzaldehyde	6.27	77	25894	3.17	ng	96
10) Phenol	6.40	94	683760	43.47	ng	98
11) bis(2-Chloroethyl)ether	6.46	93	514131	42.03	ng	# 81
12) 1,3-Dichlorobenzene	6.90	146	529027	37.80	ng	99
13) 1,4-Dichlorobenzene	6.74	146	526604	38.34	ng	96
14) 1,2-Dichlorobenzene	6.90	146	529399	41.86	ng	97
15) Benzyl Alcohol	6.88	79	426517	44.40	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.01	45	809616	38.67	ng	87
17) 2-Methylphenol	7.00	107	465834	46.01	ng	94
18) Hexachloroethane	7.24	117	208111	38.73	ng	# 82
19) n-Nitroso-di-n-propylamine	7.15	70	359814	41.74	ng	# 74
20) 3+4-Methylphenols	7.15	107	536424	43.66	ng	# 68
22) Acetophenone	7.14	105	757959	40.97	ng	# 99
24) Nitrobenzene	7.31	77	521827	38.73	ng	93
25) Isophorone	7.56	82	1049424	44.19	ng	95
26) 2-Nitrophenol	7.63	139	280715	43.82	ng	# 84
27) 2,4-Dimethylphenol	7.68	122	463259	41.27	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	627736	44.05	ng	# 96
29) 2,4-Dichlorophenol	7.88	162	466552	47.51	ng	94
30) 1,2,4-Trichlorobenzene	7.95	180	458886	40.87	ng	95
31) Naphthalene	8.03	128	1401793	39.20	ng	99
32) Benzoic acid	7.79	122	138195	16.04	ng	94
33) 4-Chloroaniline	8.09	127	280550	19.29	ng	96
34) Hexachlorobutadiene	8.16	225	267989	40.39	ng	99
35) Caprolactam	8.46	113	89289	31.69	ng	# 65
36) 4-Chloro-3-methylphenol	8.59	107	520549	48.15	ng	93
37) 2-Methylnaphthalene	8.73	142	1049167	47.80	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	398303	36.92	ng	99
40) Hexachlorocyclopentadiene	8.88	237	401268	81.82	ng	96

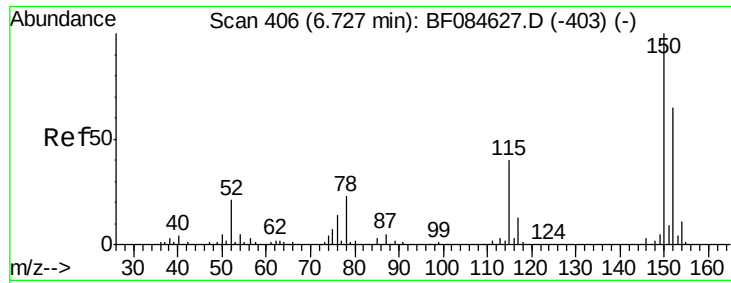
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	309226	46.15	ng	95
43) 2,4,5-Trichlorophenol	9.06	196	315352	45.58	ng	93
45) 1,1'-Biphenyl	9.20	154	1234101	40.48	ng	96
46) 2-Chloronaphthalene	9.22	162	898016	40.38	ng	# 86
47) 2-Nitroaniline	9.31	65	270133	40.44	ng	98
48) Acenaphthylene	9.63	152	1418269	42.09	ng	99
49) Dimethylphthalate	9.50	163	1468068	58.81	ng	# 91
50) 2,6-Dinitrotoluene	9.56	165	258553	47.07	ng	# 86
51) Acenaphthene	9.80	154	956219	42.37	ng	97
52) 3-Nitroaniline	9.72	138	151552	26.41	ng	96
53) 2,4-Dinitrophenol	9.84	184	216241	79.79	ng	94
54) Dibenzofuran	9.97	168	1270714	47.18	ng	98
55) 4-Nitrophenol	9.90	139	356380	84.53	ng	# 81
56) 2,4-Dinitrotoluene	9.96	165	323587	45.35	ng	# 92
57) Fluorene	10.32	166	929668	40.72	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	243210	46.50	ng	90
59) Diethylphthalate	10.20	149	1080646	44.22	ng	96
60) 4-Chlorophenyl-phenylether	10.30	204	399879	39.02	ng	92
61) 4-Nitroaniline	10.34	138	230604	42.45	ng	93
62) Azobenzene	10.46	77	1098241	46.95	ng	90
64) 4,6-Dinitro-2-methylphenol	10.37	198	160243	42.49	ng	# 70
65) n-Nitrosodiphenylamine	10.43	169	903157	48.24	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	301527	46.37	ng	# 94
67) Hexachlorobenzene	10.85	284	289345	40.91	ng	# 83
68) Atrazine	10.96	200	241854	43.12	ng	99
69) Pentachlorophenol	11.06	266	320758	93.87	ng	100
70) Phenanthrene	11.26	178	1277151	40.00	ng	98
71) Anthracene	11.32	178	1479511	45.58	ng	99
72) Carbazole	11.48	167	1263274	45.16	ng	97
73) Di-n-butylphthalate	11.81	149	1387473	40.78	ng	# 96
74) Fluoranthene	12.45	202	1344550	42.60	ng	95
76) Benzidine	12.58	184	641468	49.77	ng	98
77) Pyrene	12.67	202	1274124	49.85	ng	98
79) Butylbenzylphthalate	13.31	149	558303	51.13	ng	# 83
80) Benzo(a)anthracene	13.86	228	904537	42.82	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	256175	34.46	ng	# 95
82) Chrysene	13.89	228	806602	38.74	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	704240	49.72	ng	# 96
84) Di-n-octyl phthalate	14.48	149	1091416	48.77	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.57	276	1032698	56.10	ng	99
87) Benzo(b)fluoranthene	14.90	252	1663226	77.33	ng	99
88) Benzo(k)fluoranthene	14.90	252	1663226	93.62	ng	# 97
89) Benzo(a)pyrene	15.20	252	797272	42.85	ng	# 96
90) Dibenzo(a,h)anthracene	16.58	278	846814	50.50	ng	97
91) Benzo(g,h,i)perylene	16.96	276	887060	52.40	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084675.D

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WESTWALL-UST-115MS

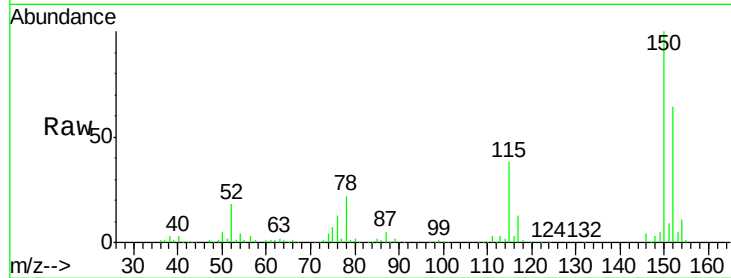
Tgt Ion:152 Resp: 177751

Ion Ratio Lower Upper

152 100

150 156.1 123.0 184.4

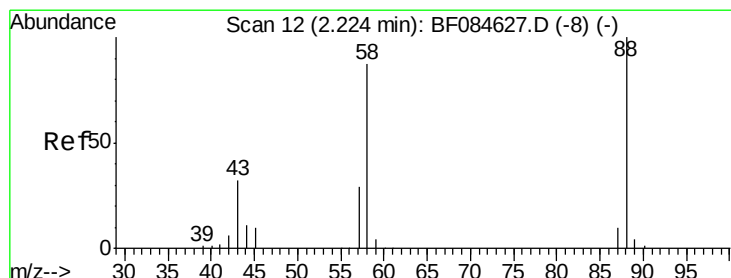
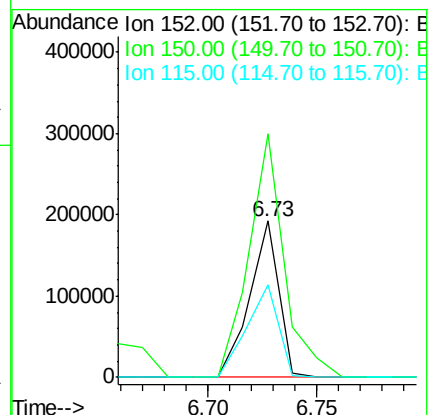
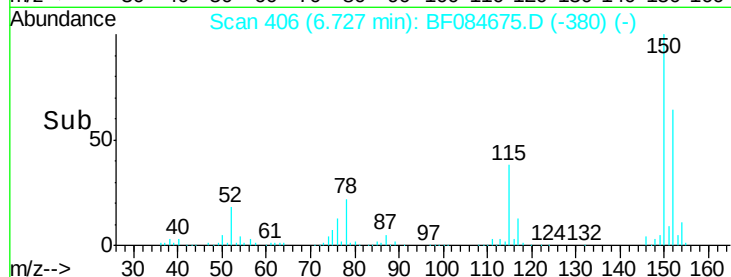
115 59.3 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.66 ng

RT: 2.27 min Scan# 16

Delta R.T. 0.05 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

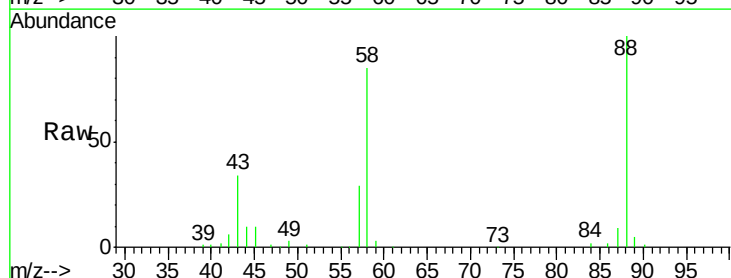
Tgt Ion: 88 Resp: 162836

Ion Ratio Lower Upper

88 100

58 86.4 51.2 76.8#

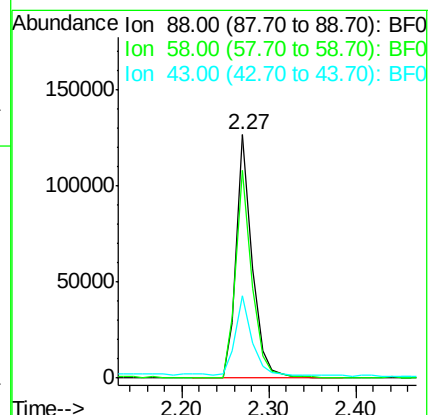
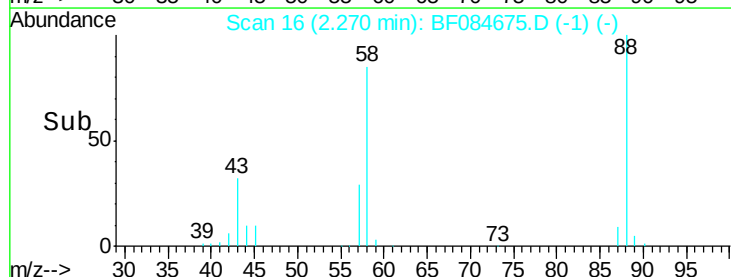
43 34.9 19.5 29.3#

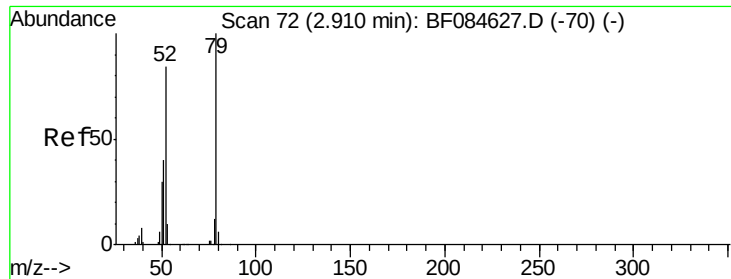


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.74 ng

RT: 2.94 min Scan# 75

Delta R.T. 0.03 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

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ClientSampleId :

WESTWALL-UST-115MS

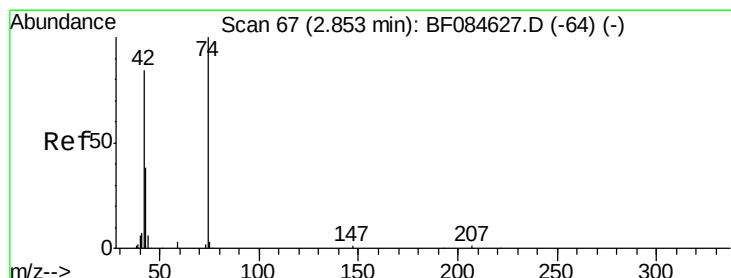
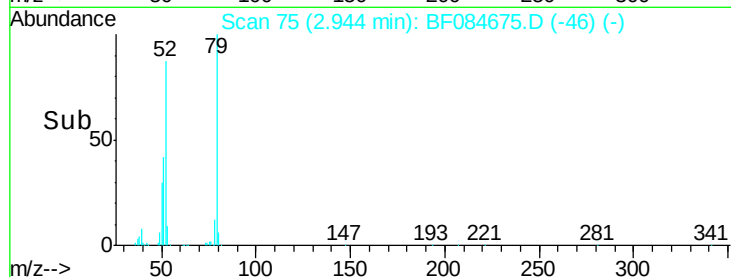
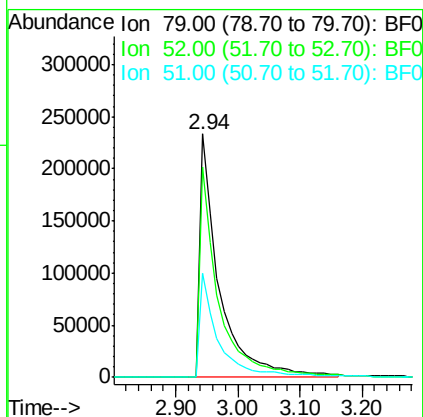
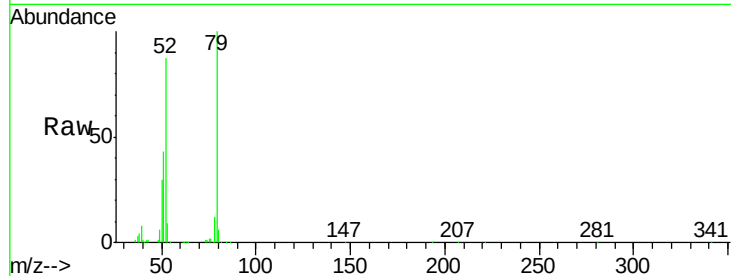
Tgt Ion: 79 Resp: 508133

Ion Ratio Lower Upper

79 100

52 86.6 49.0 73.4#

51 42.8 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 37.91 ng

RT: 2.90 min Scan# 71

Delta R.T. 0.05 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

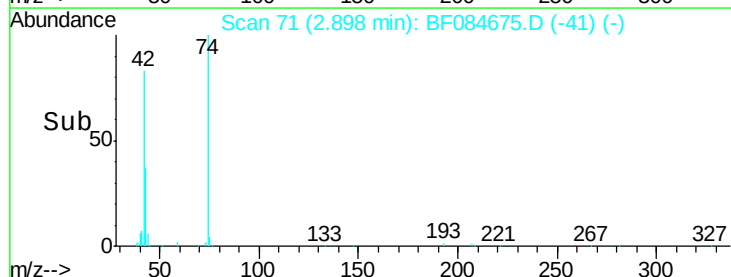
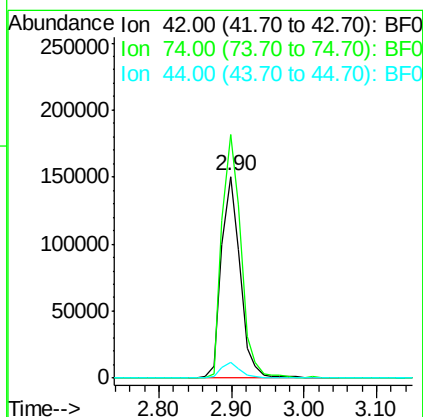
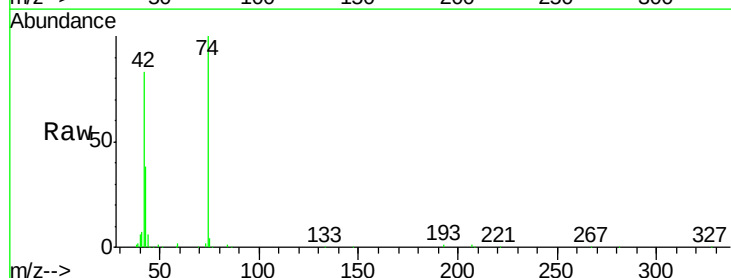
Tgt Ion: 42 Resp: 271120

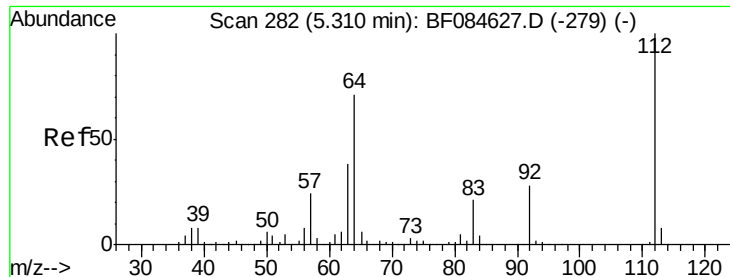
Ion Ratio Lower Upper

42 100

74 120.6 115.7 173.5

44 7.6 5.1 7.7





#5

2-Fluorophenol

Concen: 117.10 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

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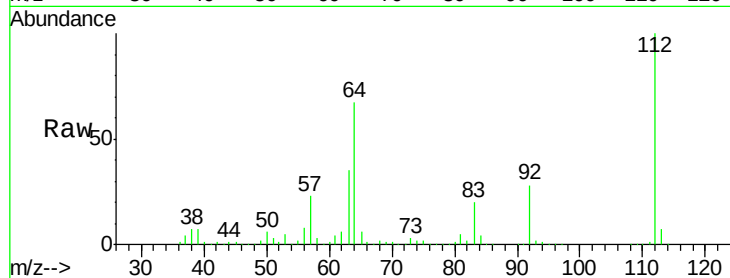
Tgt Ion: 112 Resp: 1378938

Ion Ratio Lower Upper

112 100

64 67.3 36.6 55.0#

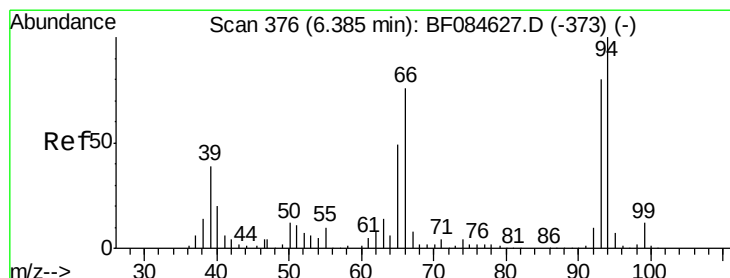
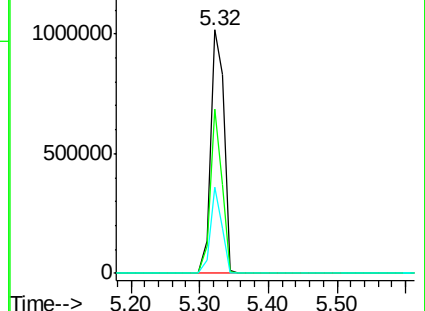
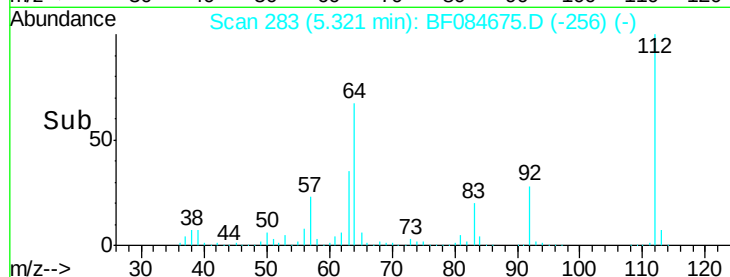
63 35.5 19.4 29.0#



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: 30.95 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

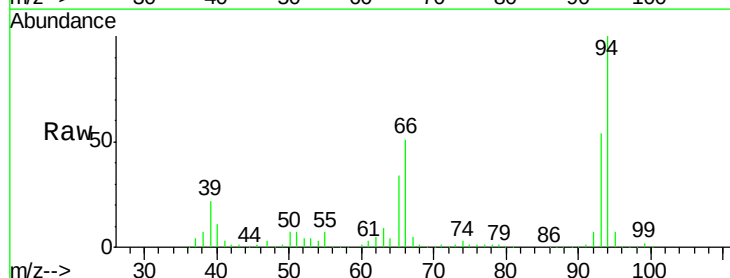
Tgt Ion: 93 Resp: 560781

Ion Ratio Lower Upper

93 100

66 94.7 44.9 67.3#

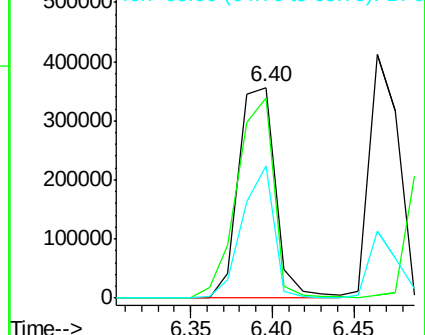
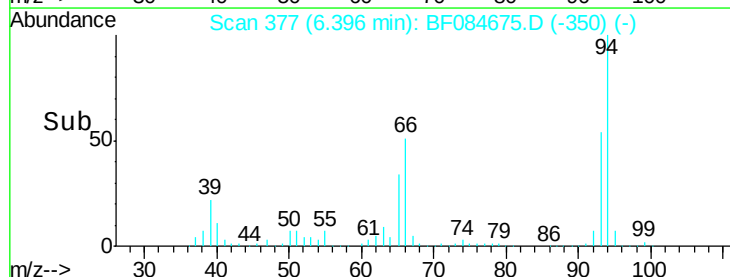
65 62.5 23.7 35.5#

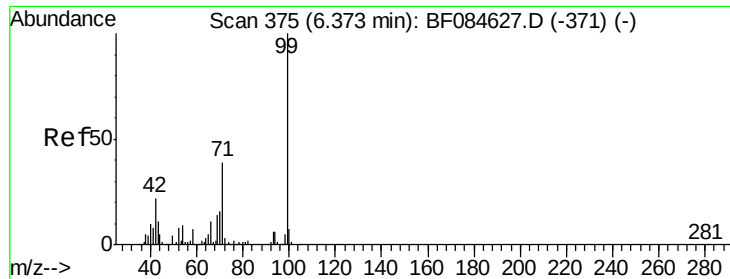


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.74 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF084675.D

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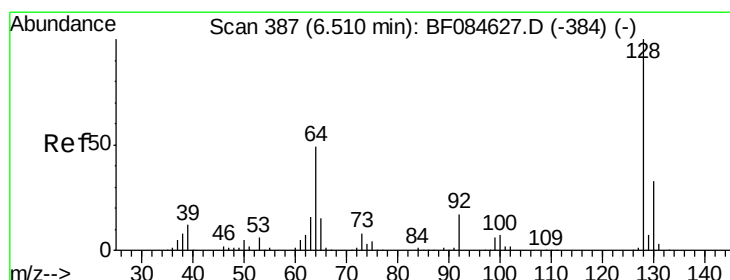
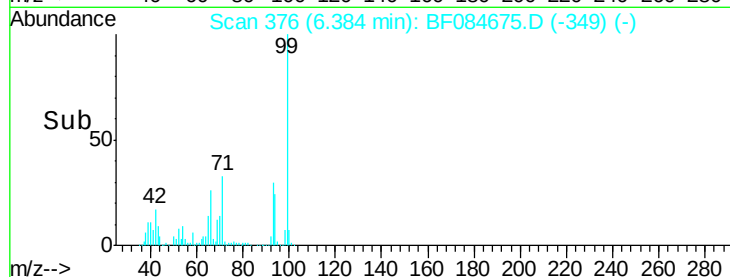
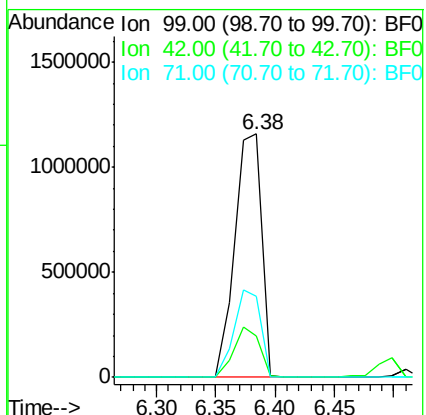
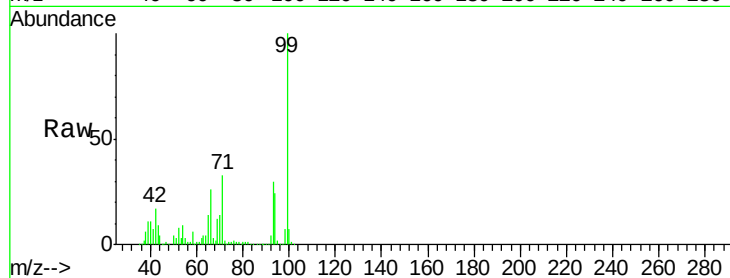
Tgt Ion: 99 Resp: 1831103

Ion Ratio Lower Upper

99 100

42 17.2 12.8 19.2

71 33.4 30.9 46.3



#8

2-Chlorophenol

Concen: 41.13 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

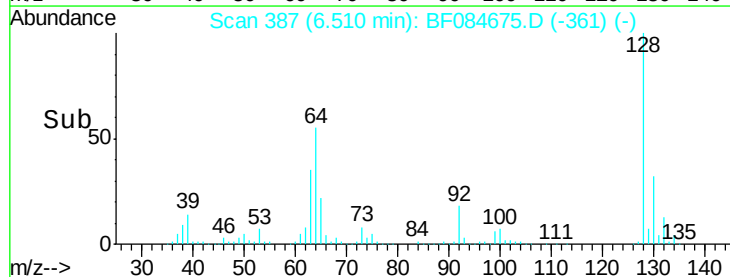
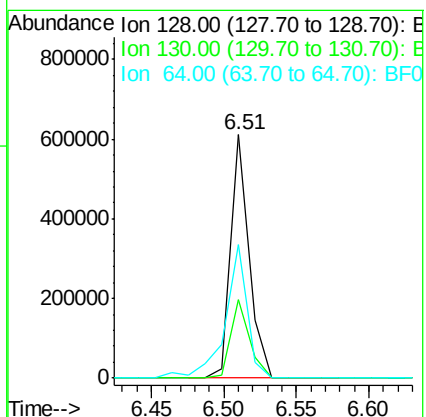
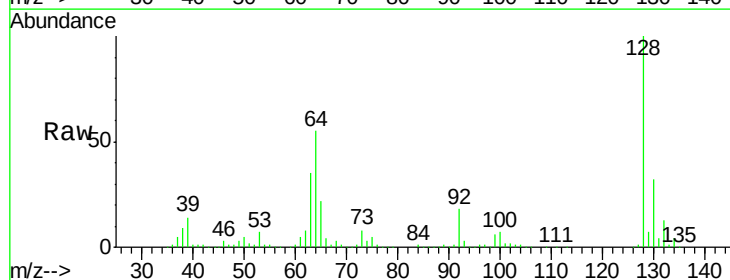
Tgt Ion: 128 Resp: 537179

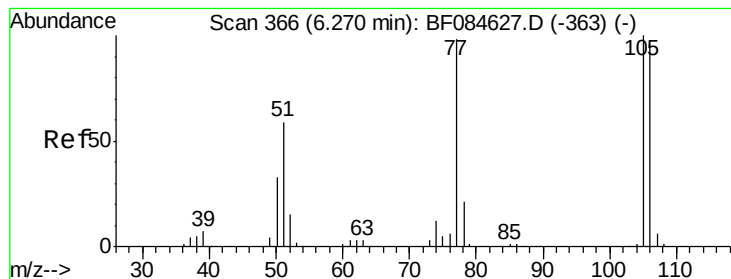
Ion Ratio Lower Upper

128 100

130 32.5 11.6 51.6

64 54.7 23.8 63.8





#9

Benzaldehyde

Concen: 3.17 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

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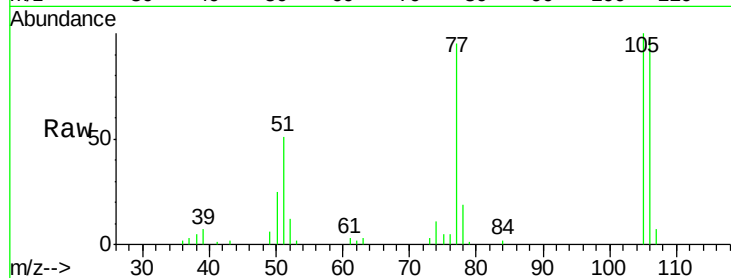
Tgt Ion: 77 Resp: 25894

Ion Ratio Lower Upper

77 100

105 104.9 83.0 123.0

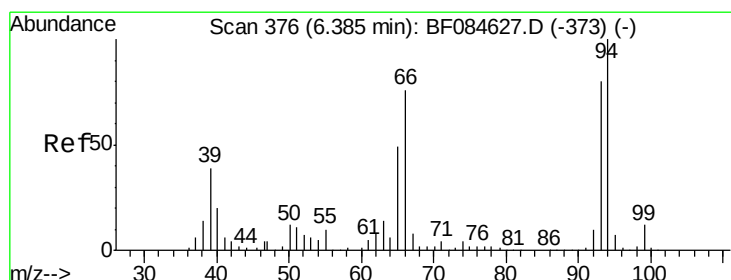
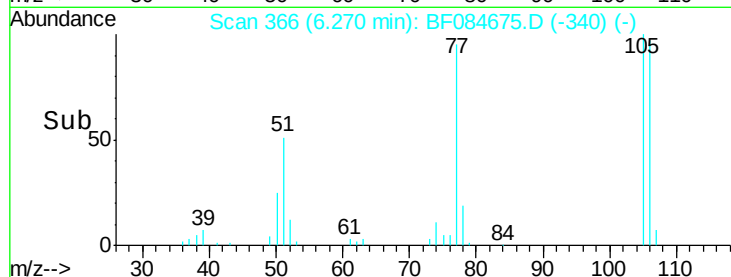
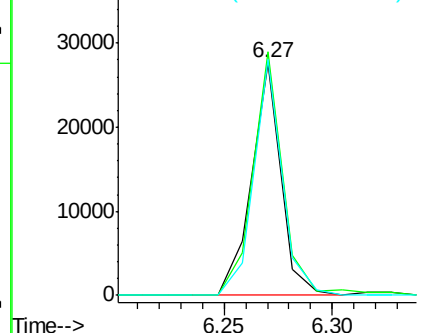
106 101.8 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.47 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

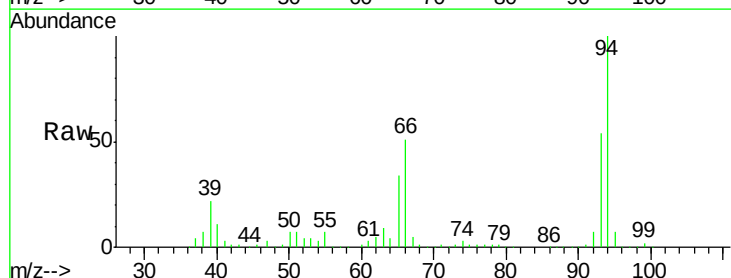
Tgt Ion: 94 Resp: 683760

Ion Ratio Lower Upper

94 100

65 33.9 12.9 52.9

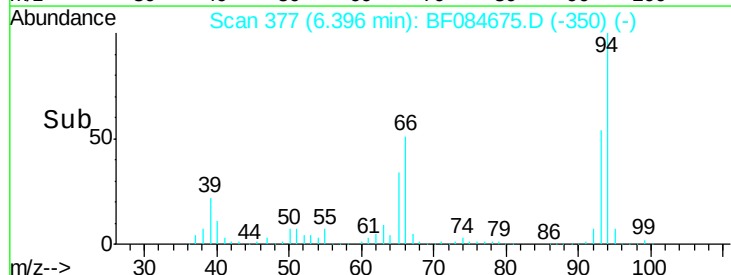
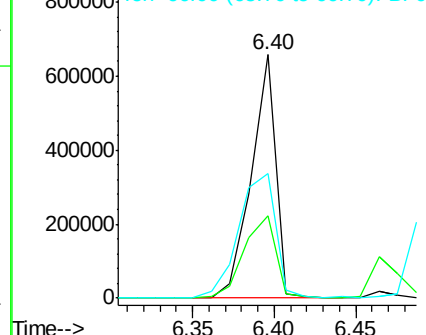
66 51.3 32.7 72.7

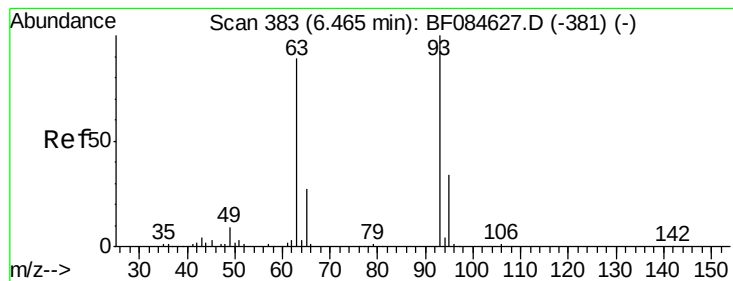


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

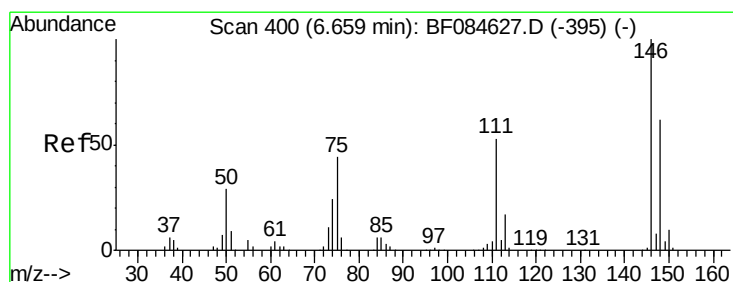
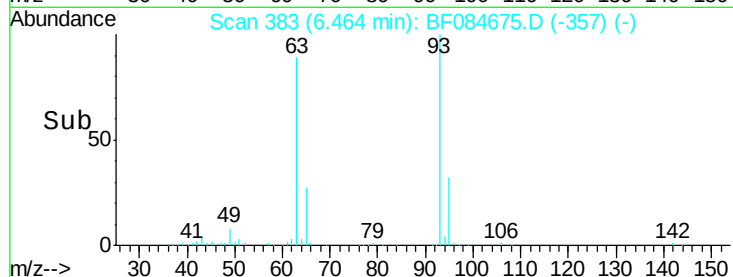
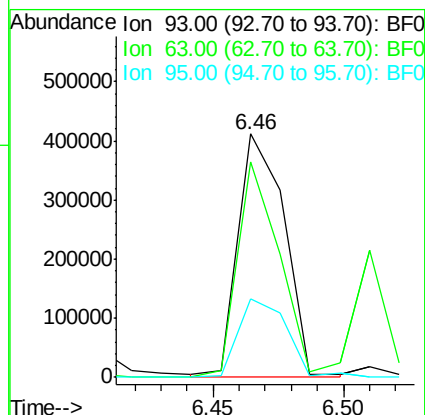
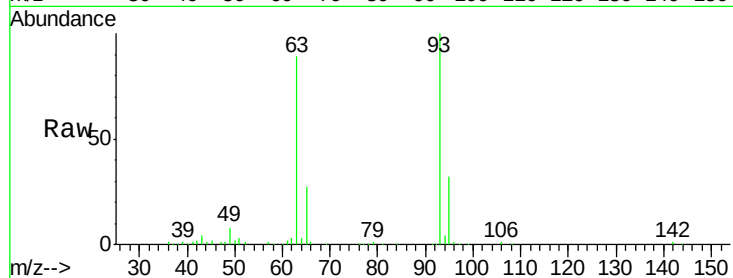




#11
bis(2-Chloroethyl)ether
Concen: 42.03 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

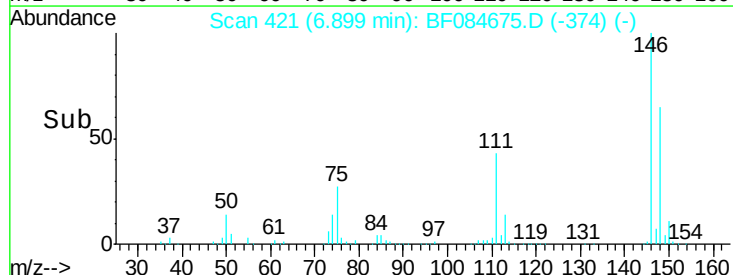
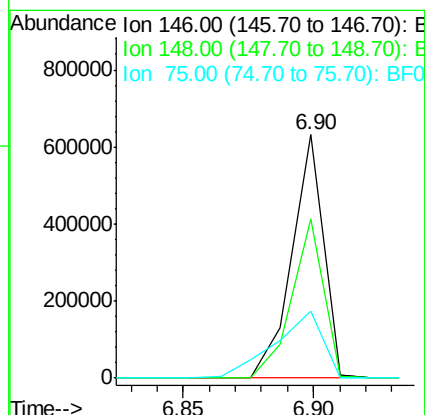
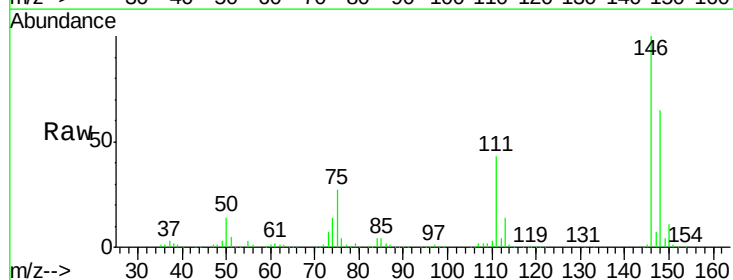
Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

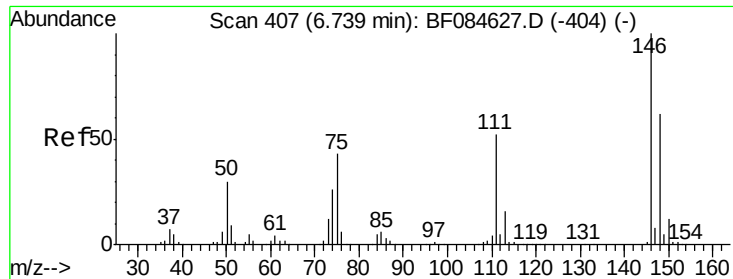
Tgt Ion: 93 Resp: 514131
Ion Ratio Lower Upper
93 100
63 88.5 45.9 85.9#
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 37.80 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.24 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion: 146 Resp: 529027
Ion Ratio Lower Upper
146 100
148 65.3 51.9 77.9
75 27.3 20.5 30.7

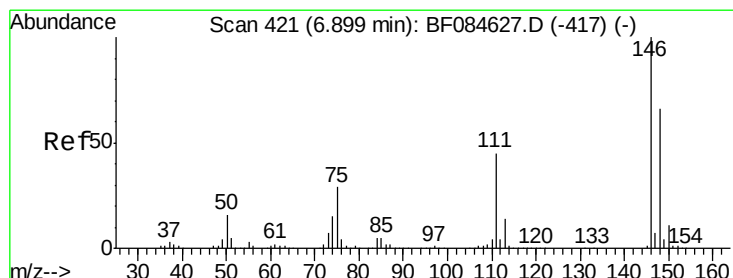
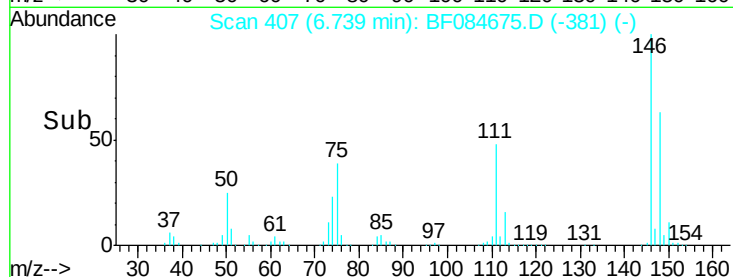
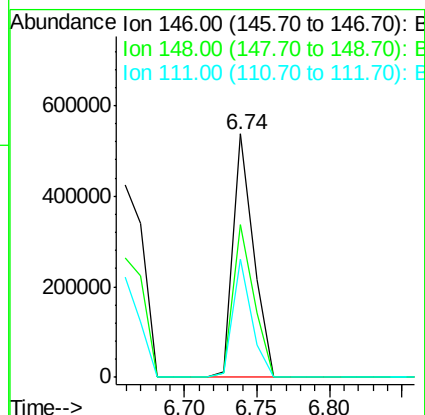
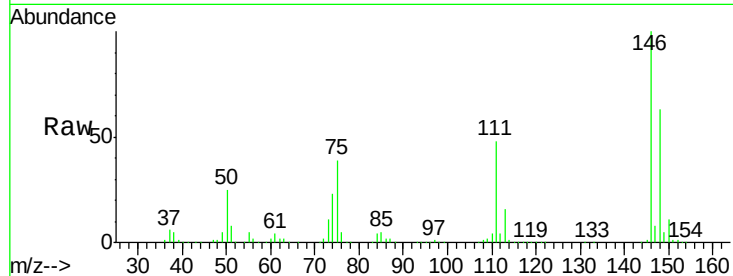




#13
 1,4-Dichlorobenzene
 Concen: 38.34 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

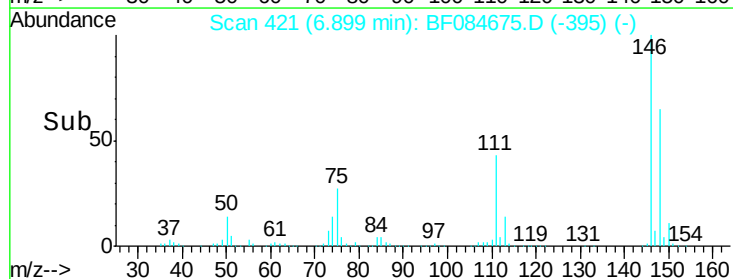
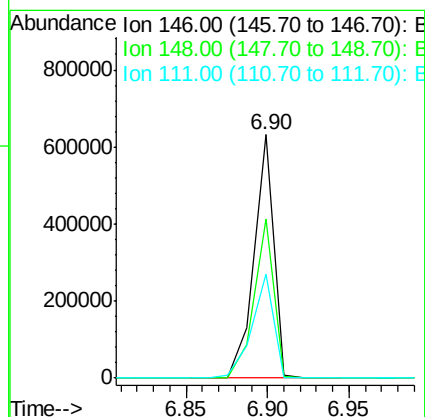
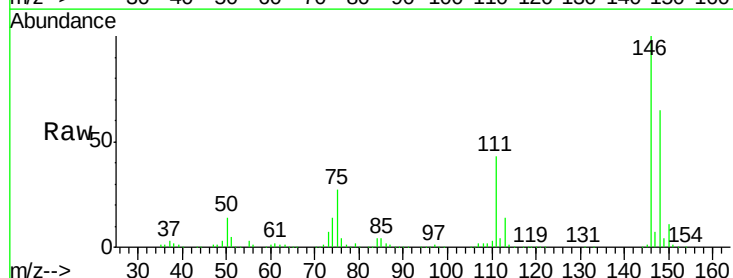
Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MS

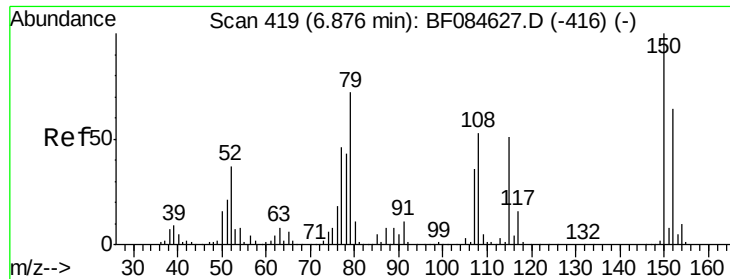
Tgt Ion:146 Resp: 526604
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.9 77.9
 111 48.4 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 41.86 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Tgt Ion:146 Resp: 529399
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.6 77.4
 111 43.0 38.0 57.0

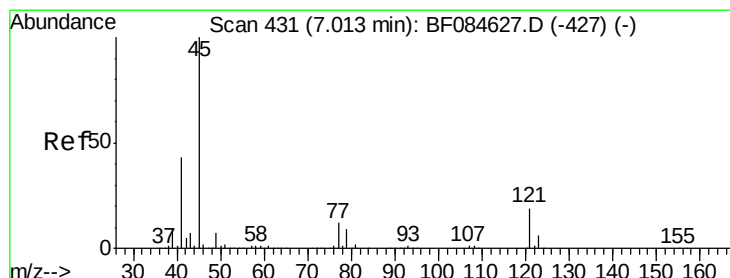
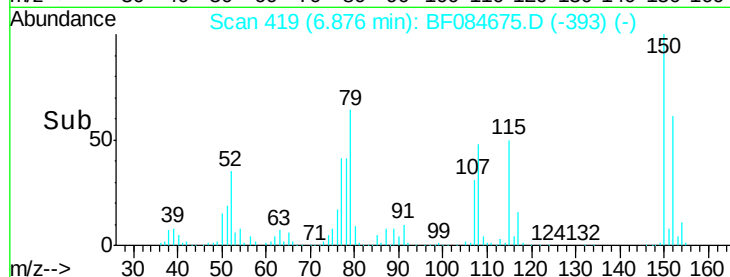
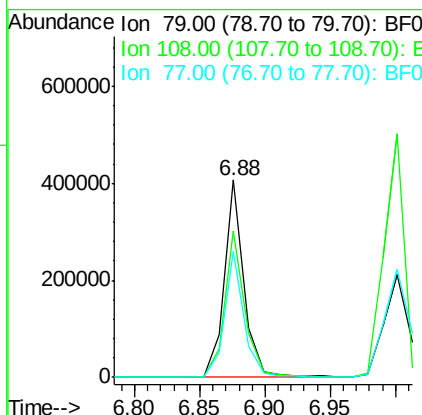
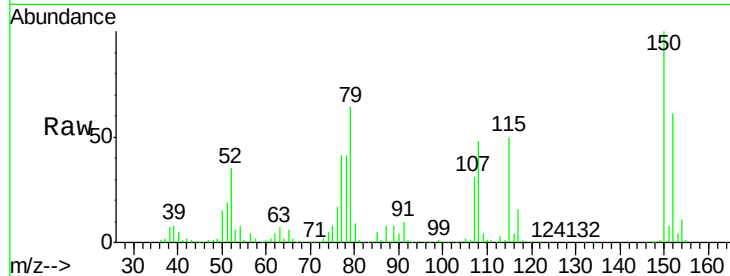




#15
Benzyl Alcohol
Concen: 44.40 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

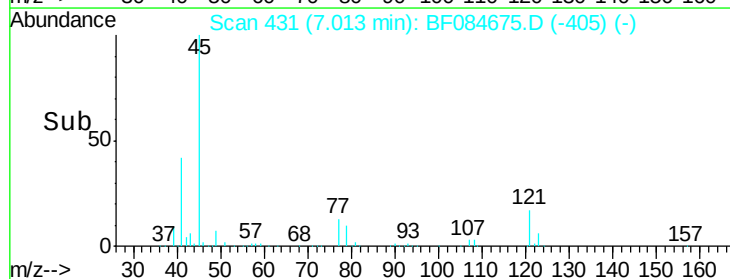
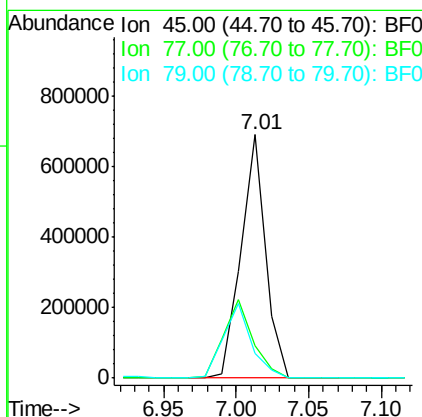
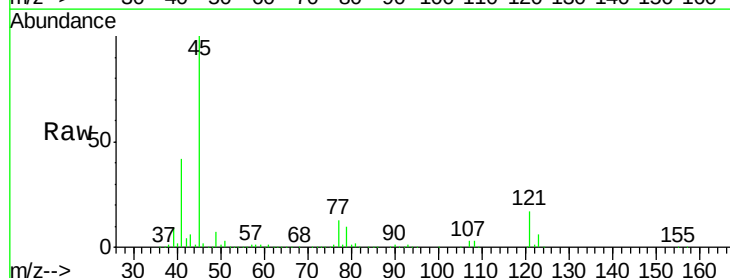
Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

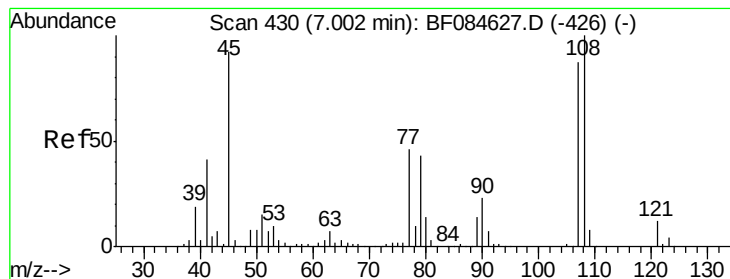
Tgt Ion: 79 Resp: 426517
Ion Ratio Lower Upper
79 100
108 73.9 69.0 103.4
77 63.5 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.67 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion: 45 Resp: 809616
Ion Ratio Lower Upper
45 100
77 13.2 0.0 39.6
79 10.3 0.0 35.0





#17

2-Methylphenol

Concen: 46.01 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

Tgt Ion:107 Resp: 465834

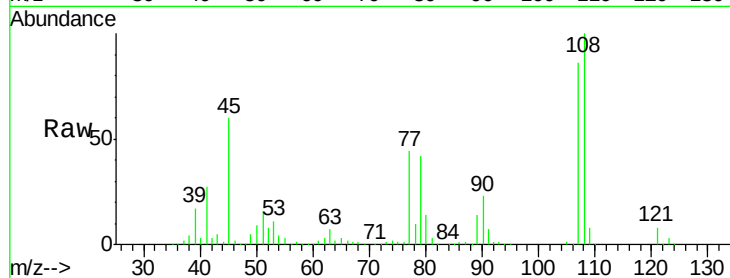
Ion Ratio Lower Upper

107 100

108 115.7 89.8 134.6

77 51.1 35.7 53.5

79 49.1 35.7 53.5



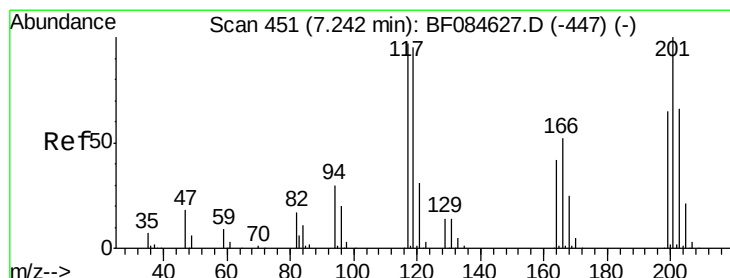
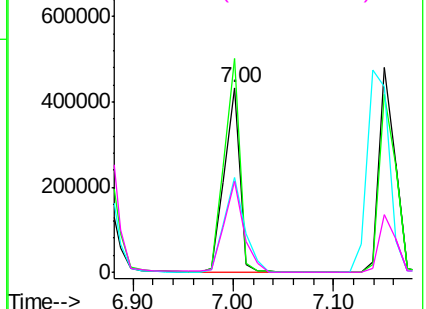
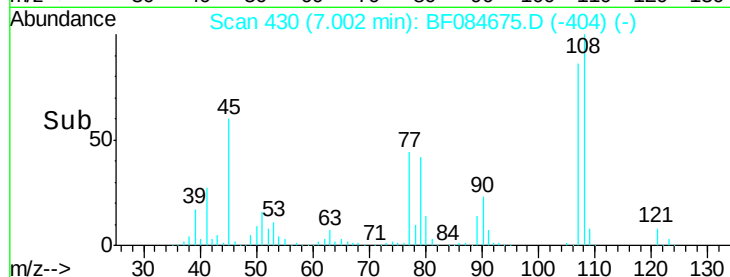
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.73 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

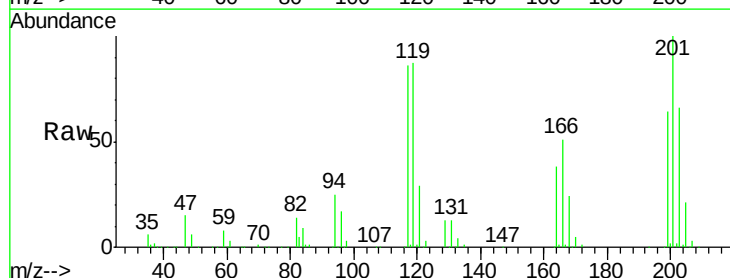
Tgt Ion:117 Resp: 208111

Ion Ratio Lower Upper

117 100

119 101.2 77.4 116.0

201 115.7 68.6 103.0#

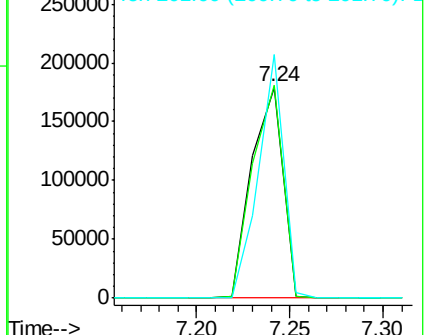
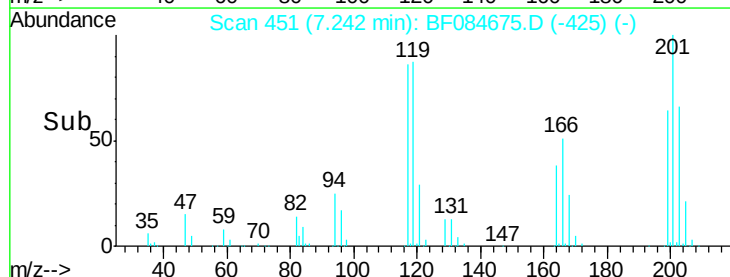


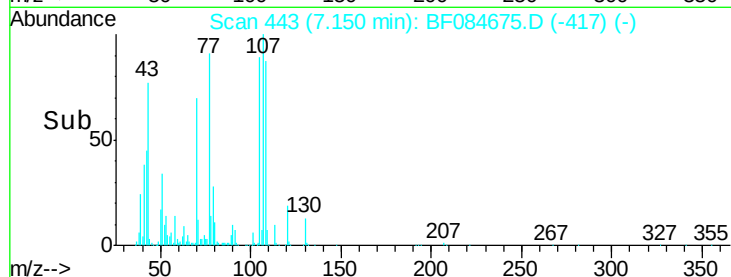
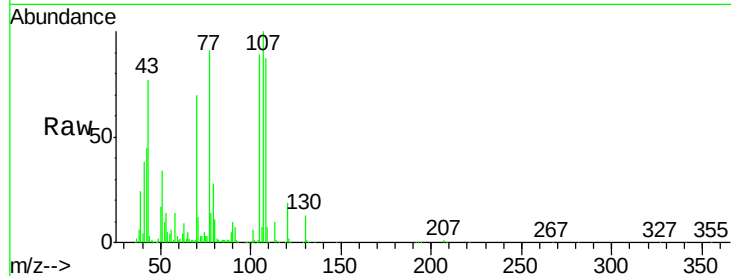
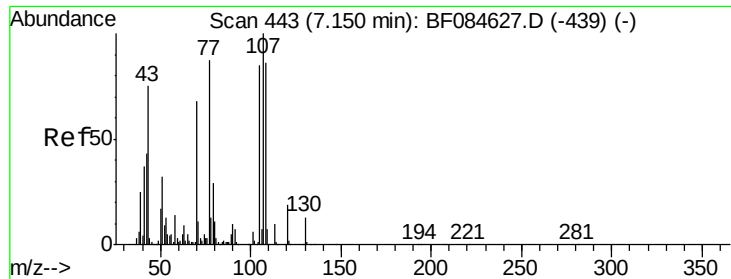
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

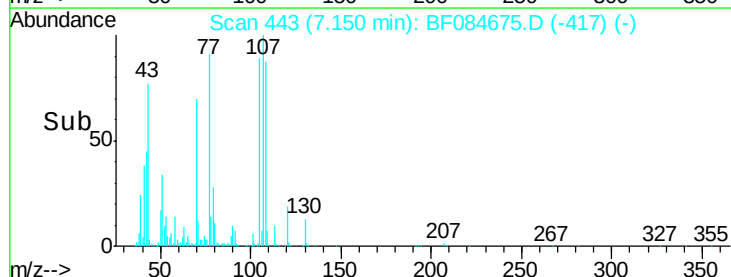
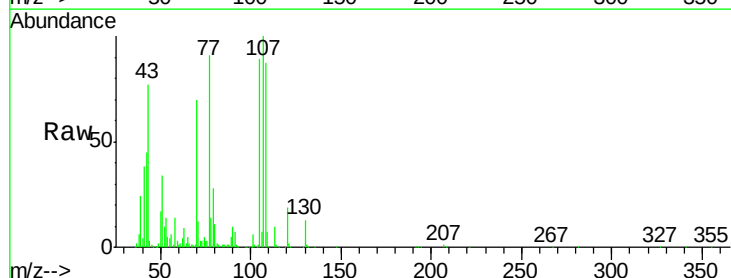
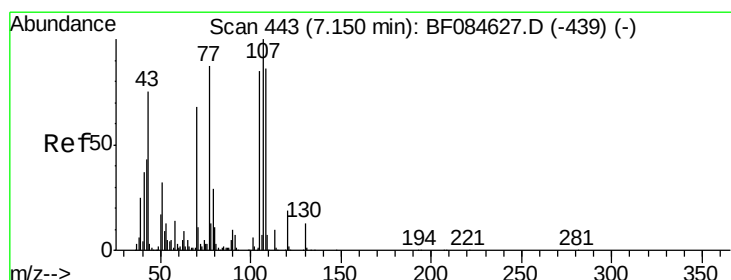
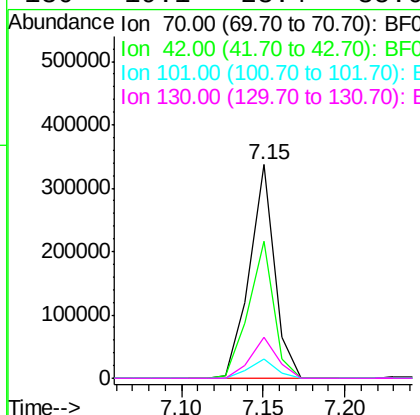




#19
n-Nitroso-di-n-propylamine
Concen: 41.74 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

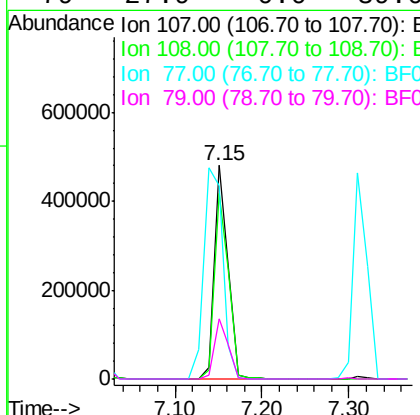
Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

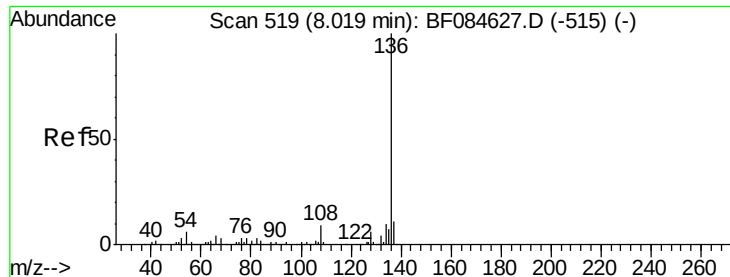
Tgt Ion: 70 Resp: 359814
Ion Ratio Lower Upper
70 100
42 64.1 33.3 49.9#
101 9.2 9.3 13.9#
130 19.1 23.4 35.0#



#20
3+4-Methylphenols
Concen: 43.66 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion: 107 Resp: 536424
Ion Ratio Lower Upper
107 100
108 86.8 74.6 114.6
77 90.6 0.7 40.7#
79 27.9 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

Tgt Ion:136 Resp: 708364

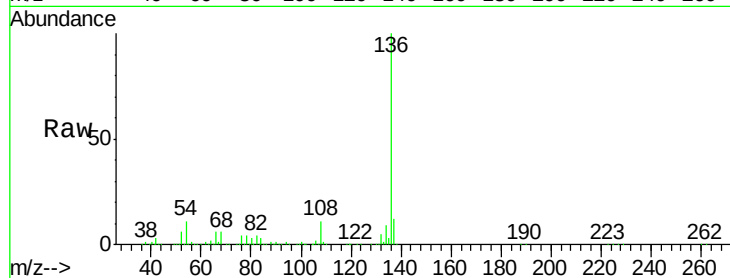
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 10.8 5.8 8.8#

68 5.9 4.2 6.2

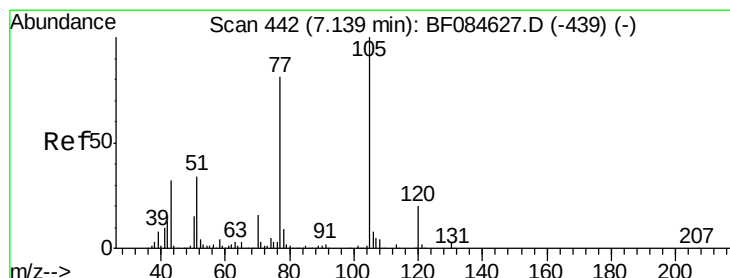
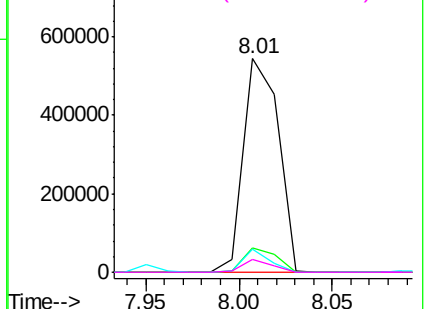
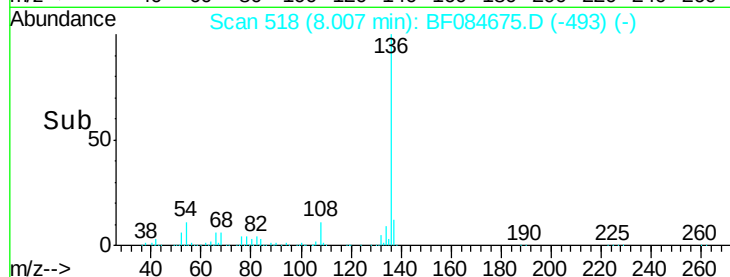


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.97 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Tgt Ion:105 Resp: 757959

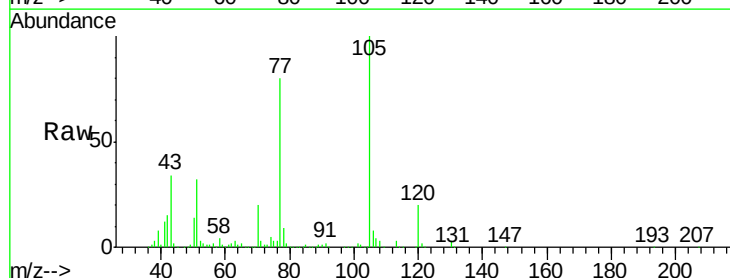
Ion Ratio Lower Upper

105 100

71 3.3 3.7 5.5#

51 31.9 25.1 37.7

120 20.1 16.6 25.0

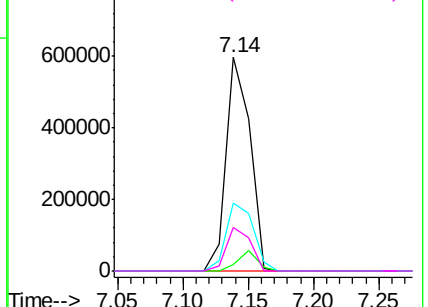
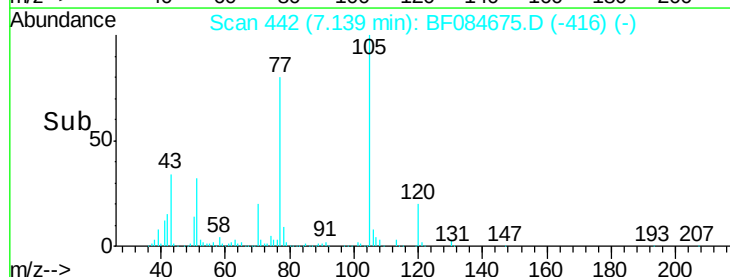


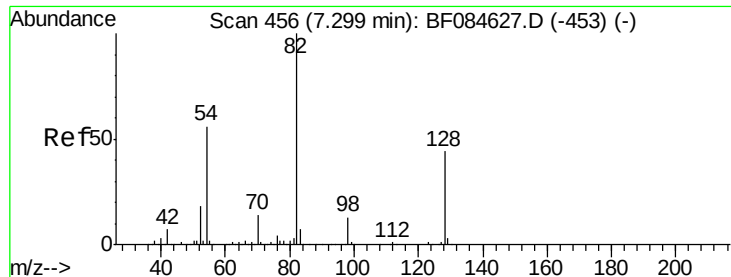
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

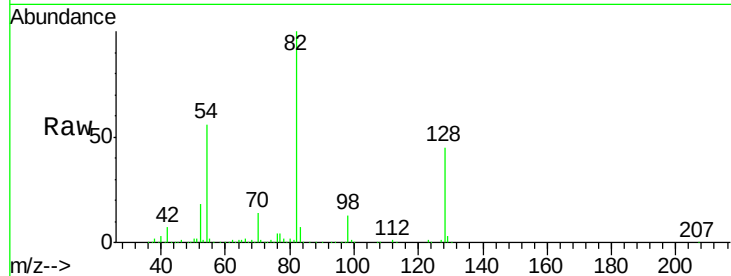




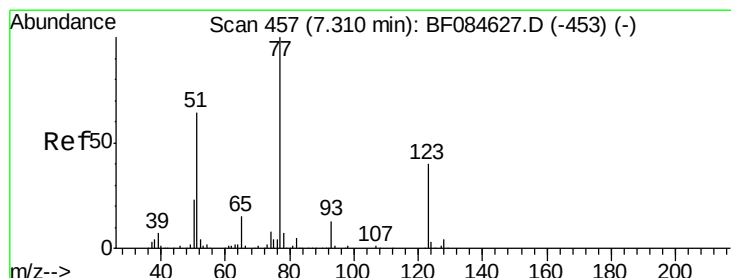
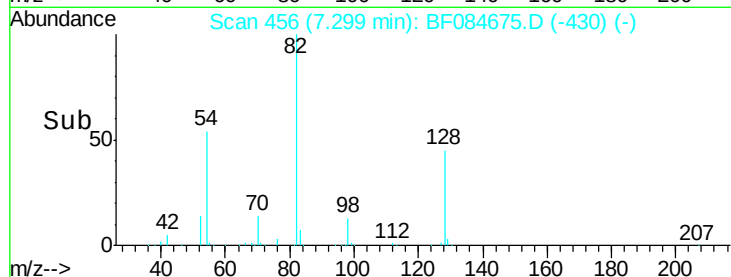
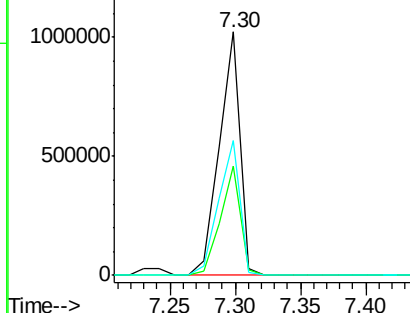
#23
 Nitrobenzene-d5
 Concen: 89.41 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MS

Tgt Ion: 82 Resp: 1133328
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.6 51.8
 54 55.5 38.4 57.6

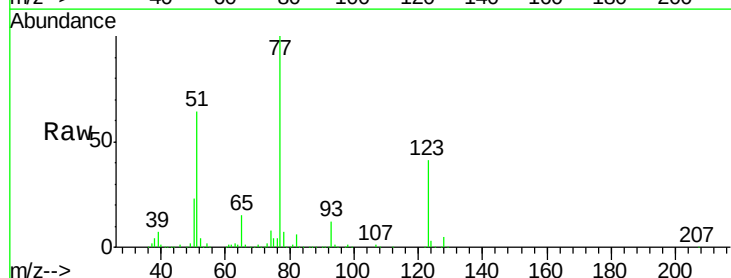


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

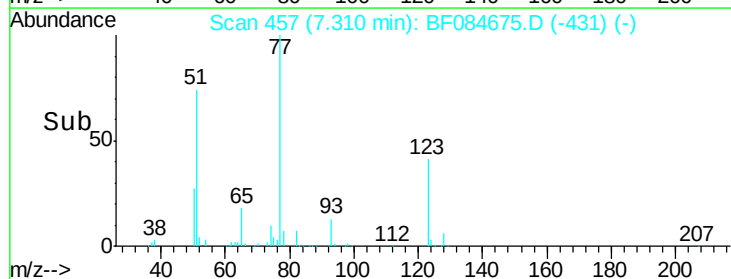
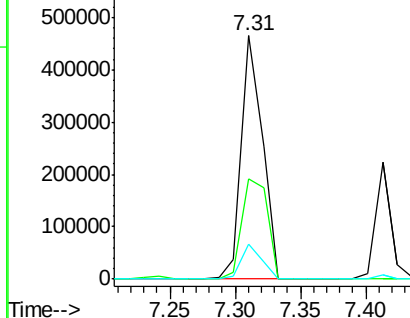


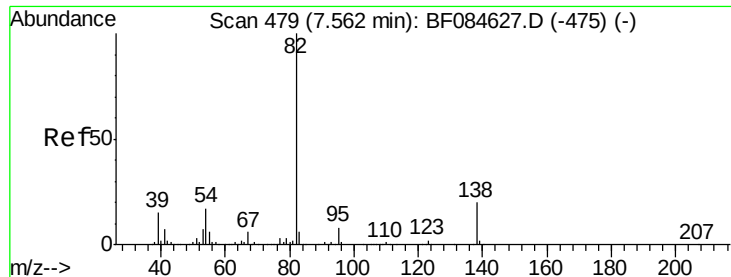
#24
 Nitrobenzene
 Concen: 38.73 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Tgt Ion: 77 Resp: 521827
 Ion Ratio Lower Upper
 77 100
 123 41.4 37.4 56.2
 65 14.6 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.19 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

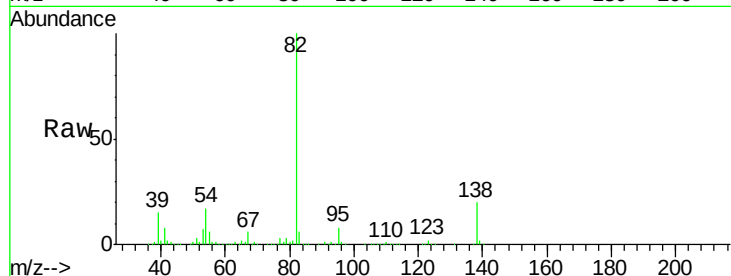
Tgt Ion: 82 Resp: 1049424

Ion Ratio Lower Upper

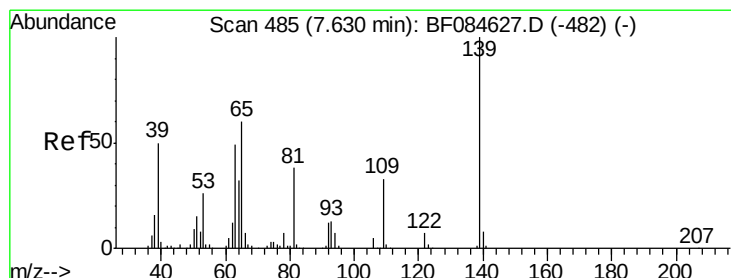
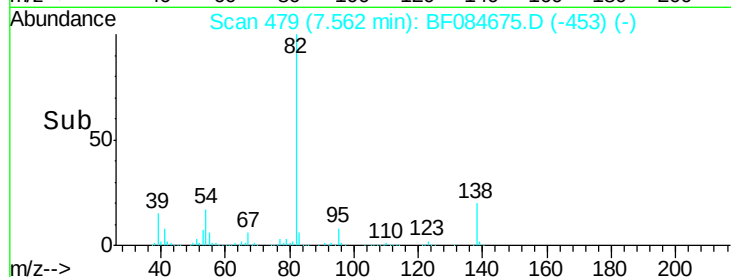
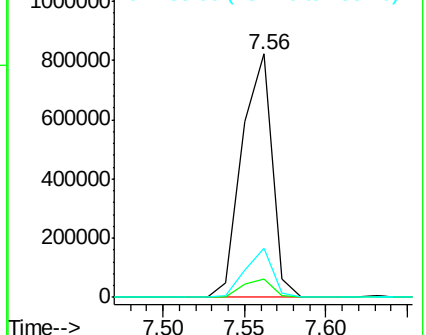
82 100

95 7.8 6.6 10.0

138 19.9 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: 43.82 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

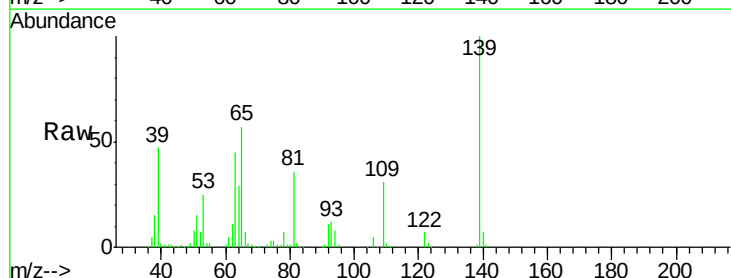
Tgt Ion: 139 Resp: 280715

Ion Ratio Lower Upper

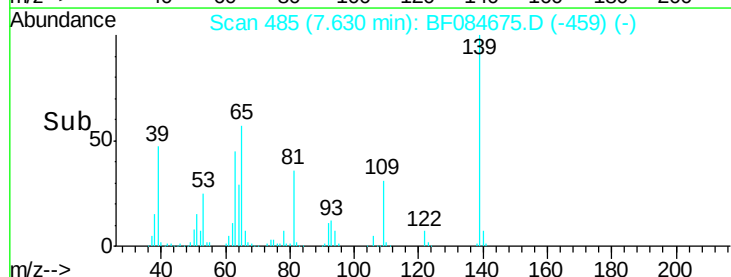
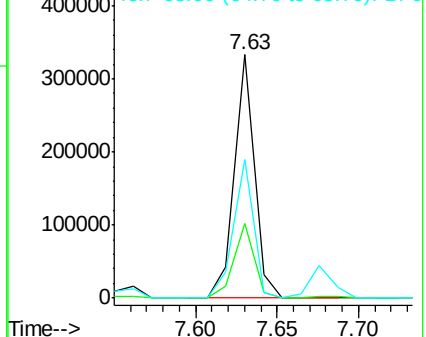
139 100

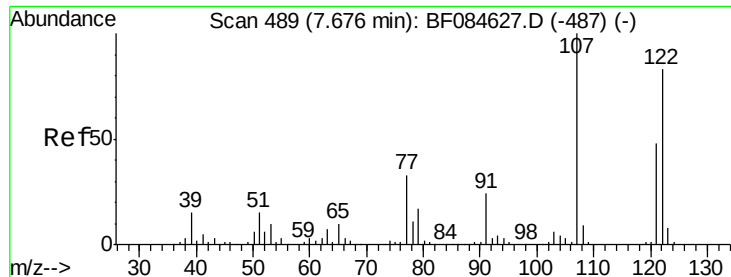
109 30.6 25.4 38.2

65 56.8 32.3 48.5#



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: 41.27 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

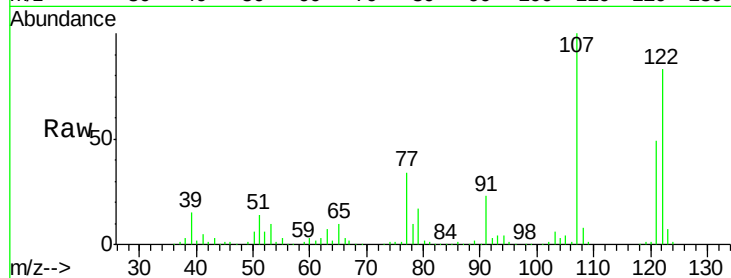
Tgt Ion:122 Resp: 463259

Ion Ratio Lower Upper

122 100

107 121.2 99.1 148.7

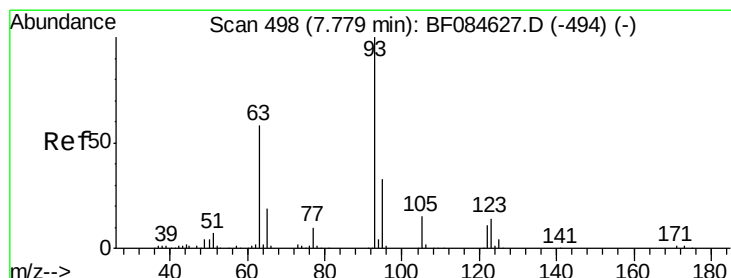
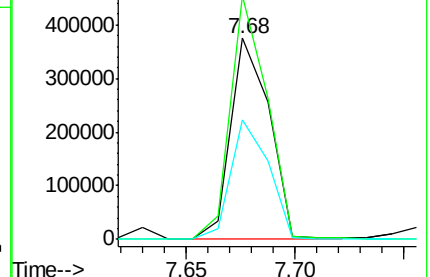
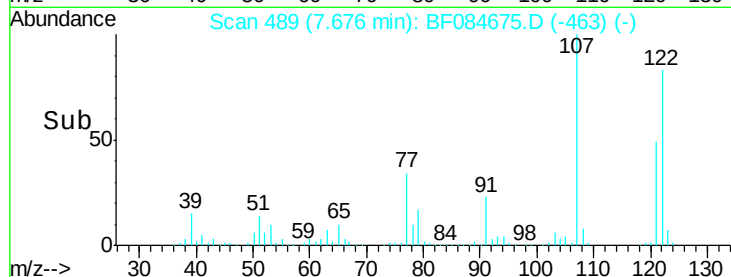
121 59.2 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.05 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

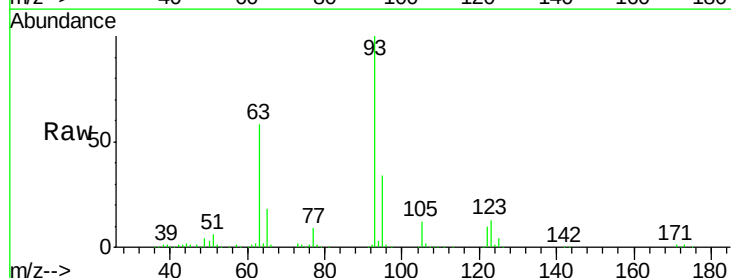
Tgt Ion: 93 Resp: 627736

Ion Ratio Lower Upper

93 100

95 33.9 25.8 38.6

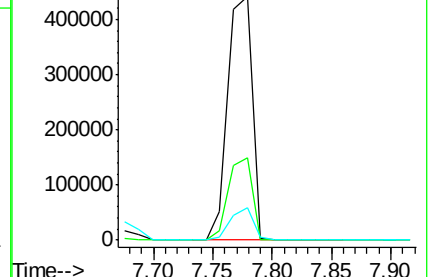
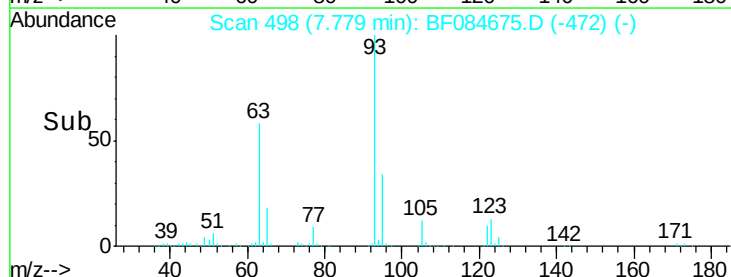
123 13.4 8.6 12.8#

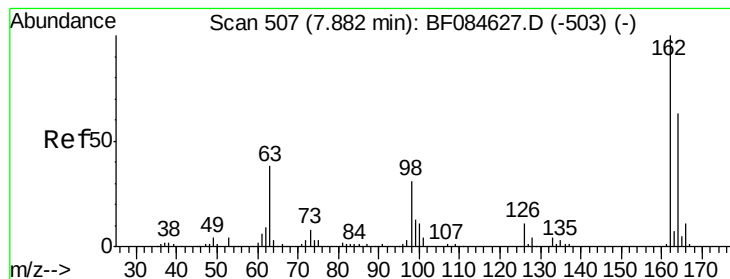


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

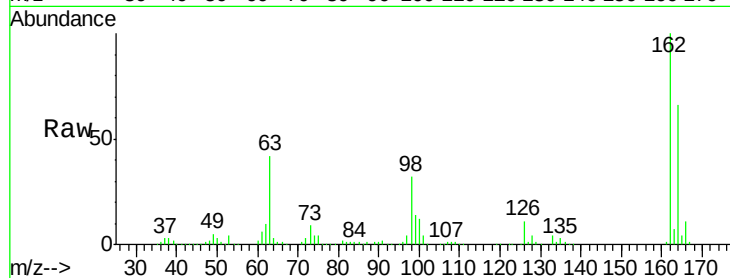




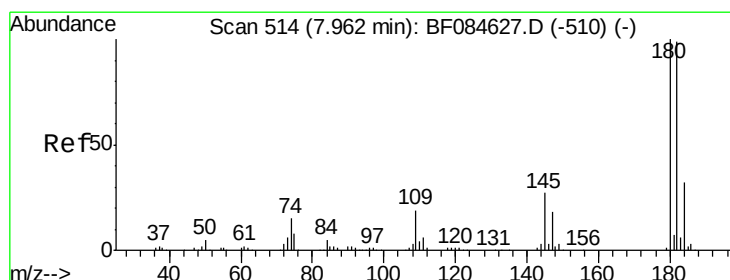
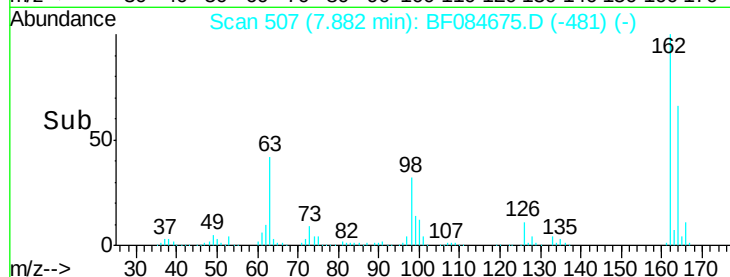
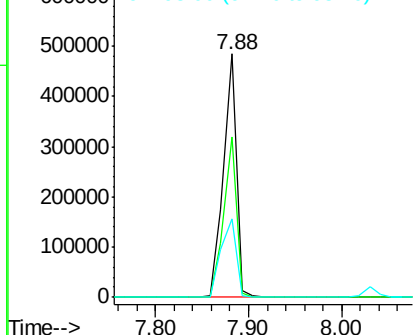
#29
2,4-Dichlorophenol
Concen: 47.51 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

Tgt Ion:162 Resp: 466552
Ion Ratio Lower Upper
162 100
164 65.7 44.1 84.1
98 32.5 20.2 60.2

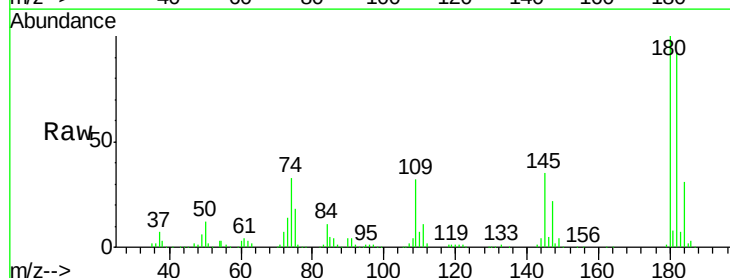


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

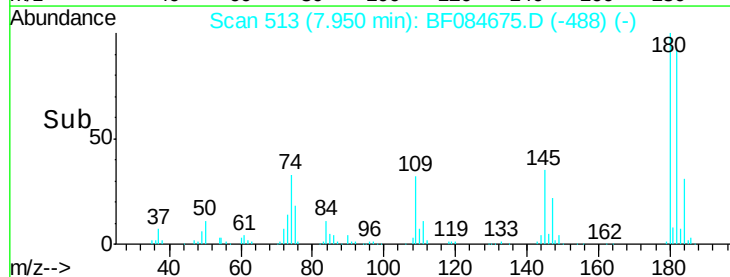
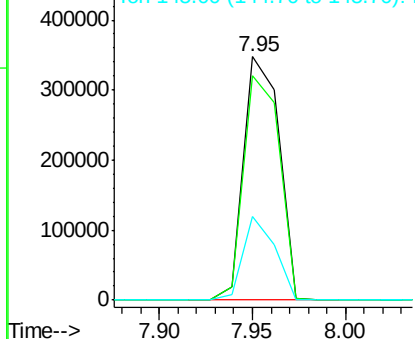


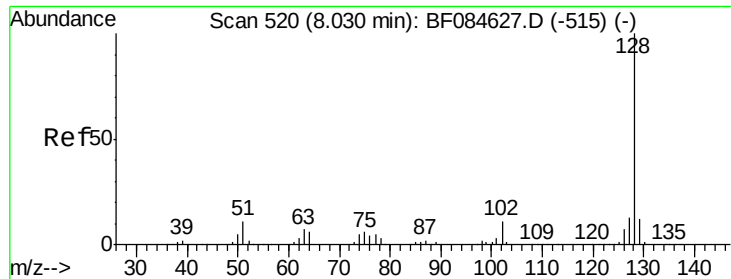
#30
1,2,4-Trichlorobenzene
Concen: 40.87 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion:180 Resp: 458886
Ion Ratio Lower Upper
180 100
182 92.1 76.4 114.6
145 34.6 31.6 47.4



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

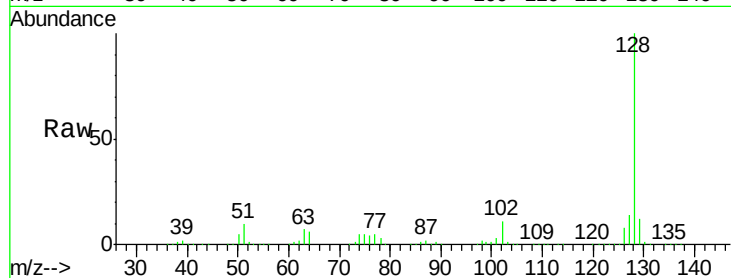




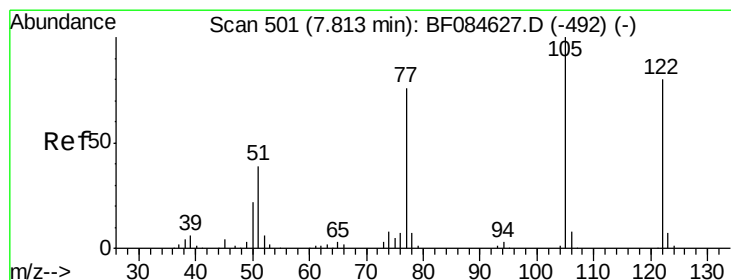
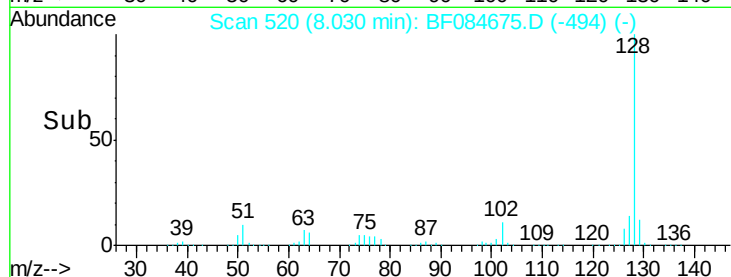
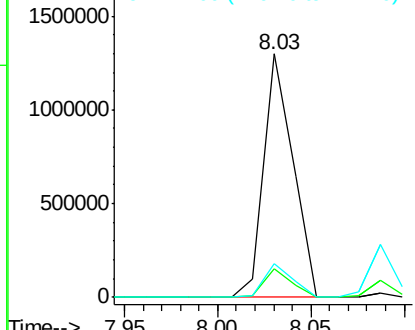
#31
Naphthalene
Concen: 39.20 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

Tgt Ion:128 Resp: 1401793
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.6 11.1 16.7

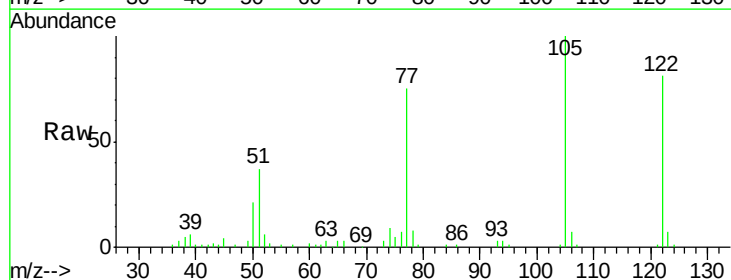


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

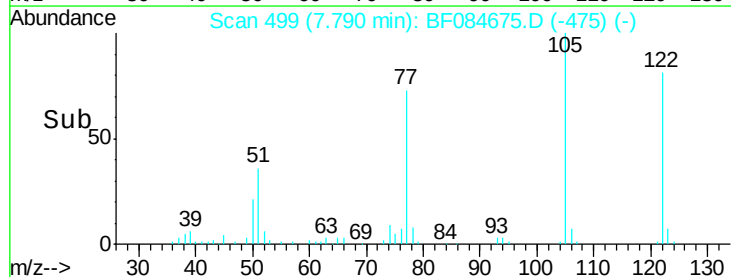
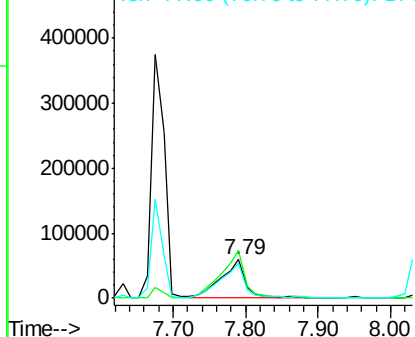


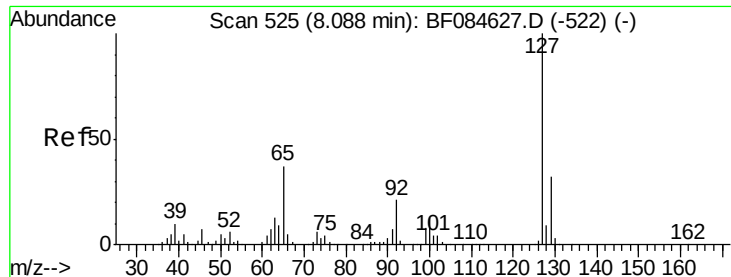
#32
Benzoic acid
Concen: 16.04 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.02 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion:122 Resp: 138195
Ion Ratio Lower Upper
122 100
105 123.9 100.3 140.3
77 92.4 63.5 103.5



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

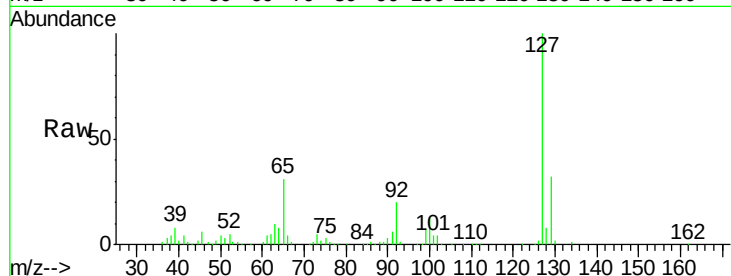




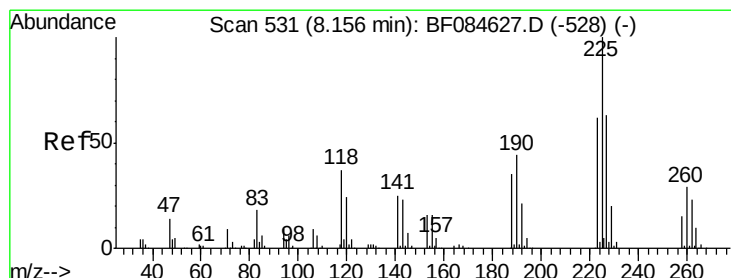
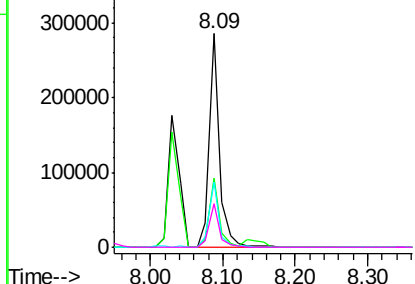
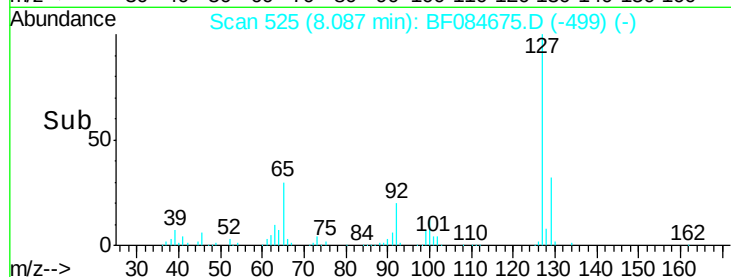
#33
4-Chloroaniline
Concen: 19.29 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

Tgt Ion:	127	Resp:	280550
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.5	39.7
65	30.7	27.2	40.8
92	20.3	17.7	26.5

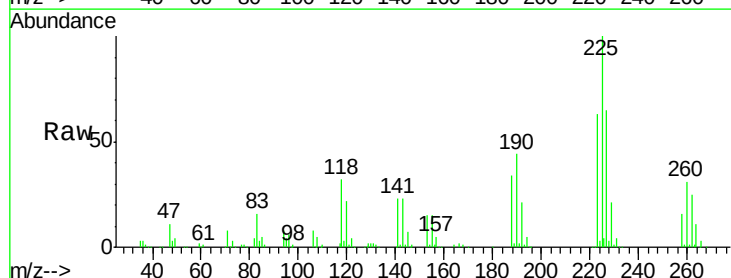


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

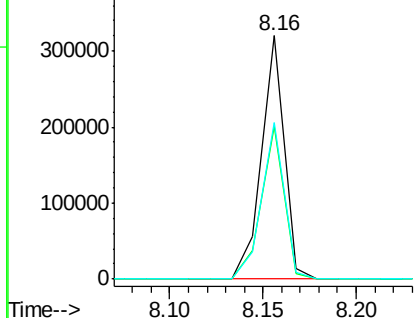
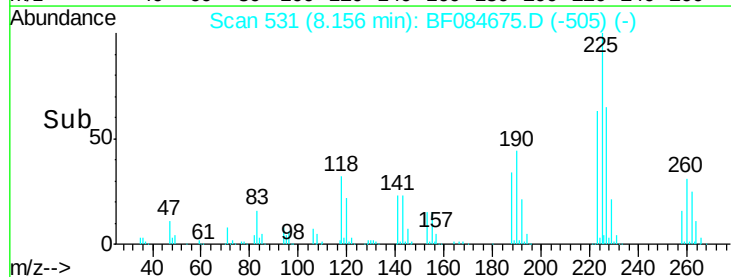


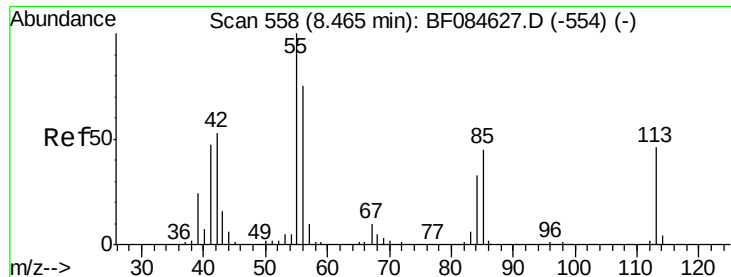
#34
Hexachlorobutadiene
Concen: 40.39 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion:	225	Resp:	267989
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.0
227	64.5	50.8	76.2



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





#35

Caprolactam

Concen: 31.69 ng

RT: 8.46 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

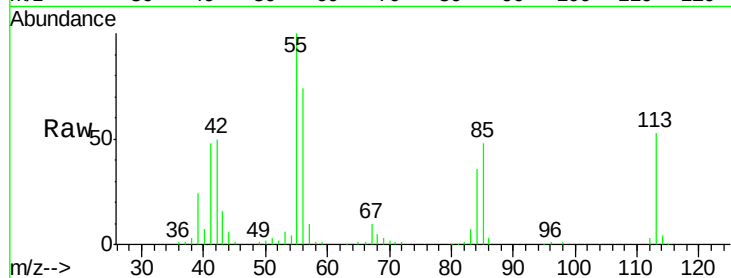
Tgt Ion:113 Resp: 89289

Ion Ratio Lower Upper

113 100

55 189.5 116.9 156.9#

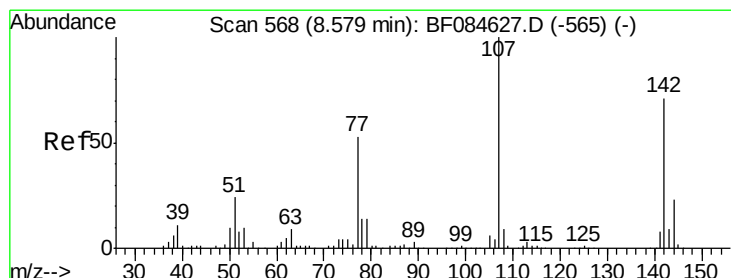
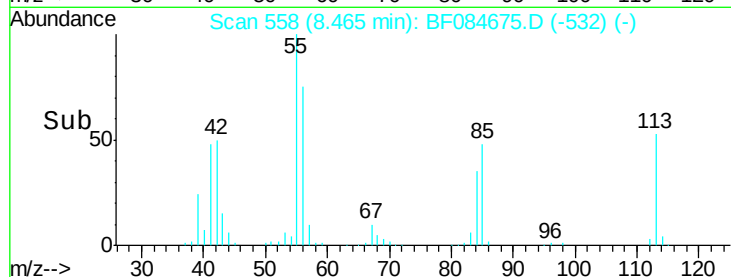
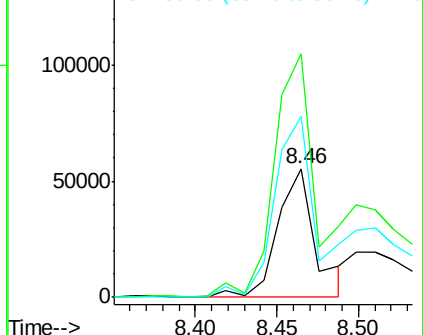
56 141.0 93.8 133.8#



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: 48.15 ng

RT: 8.59 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

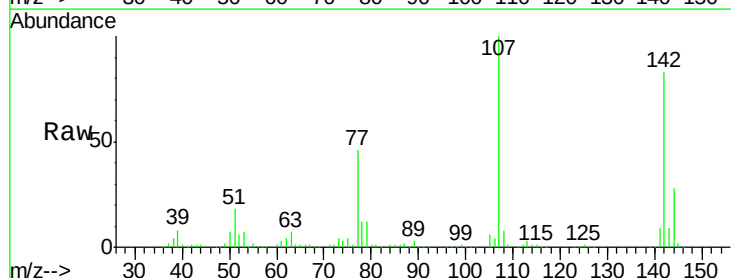
Tgt Ion:107 Resp: 520549

Ion Ratio Lower Upper

107 100

144 28.0 19.7 29.5

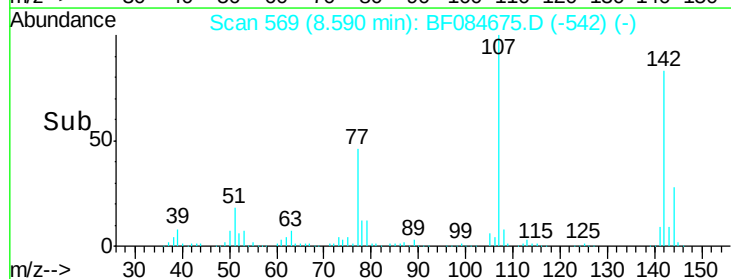
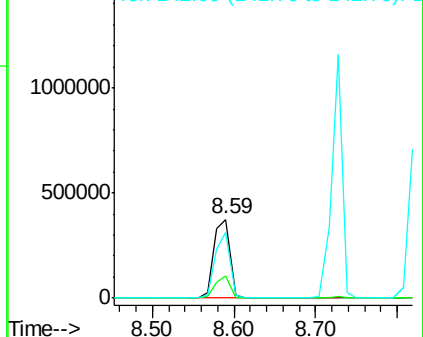
142 82.9 61.8 92.6

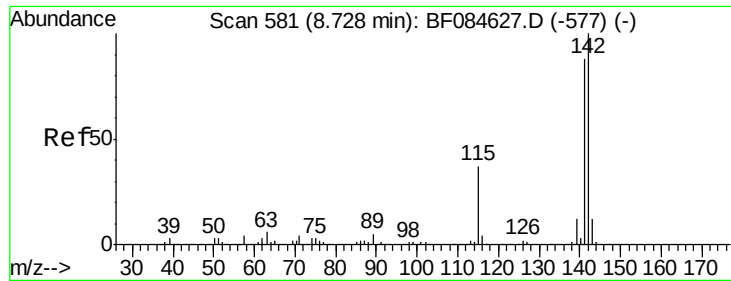


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.80 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

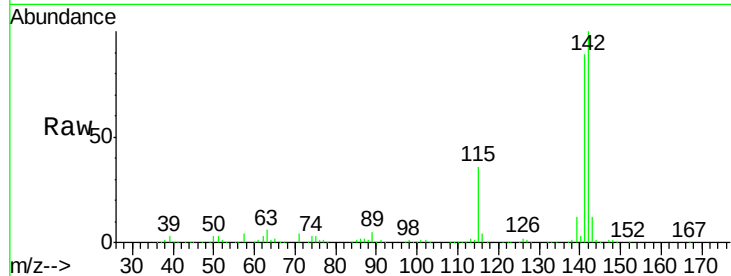
Tgt Ion:142 Resp: 1049167

Ion Ratio Lower Upper

142 100

141 89.3 72.4 108.6

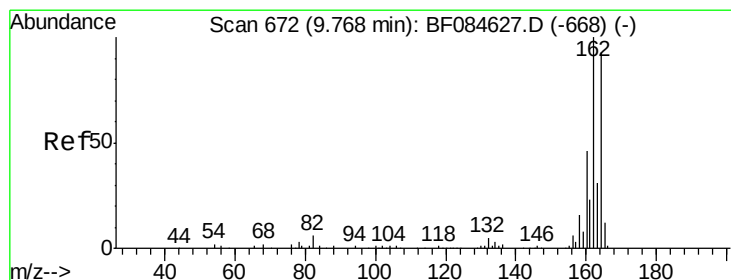
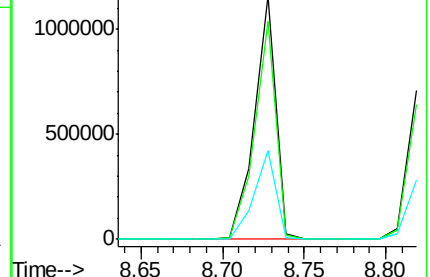
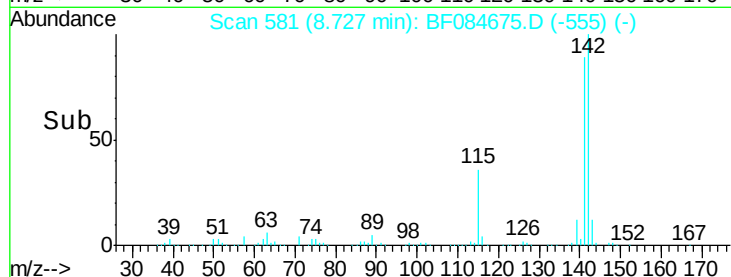
115 36.2 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

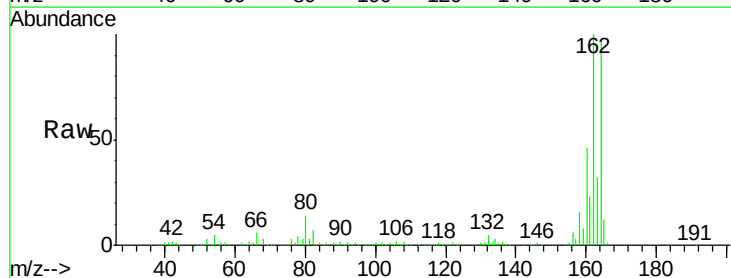
Tgt Ion:164 Resp: 332615

Ion Ratio Lower Upper

164 100

162 102.7 85.1 127.7

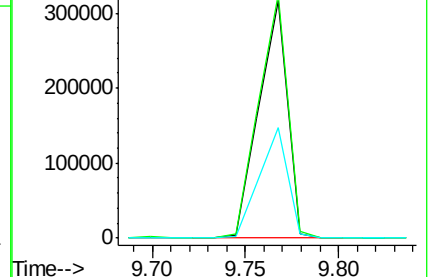
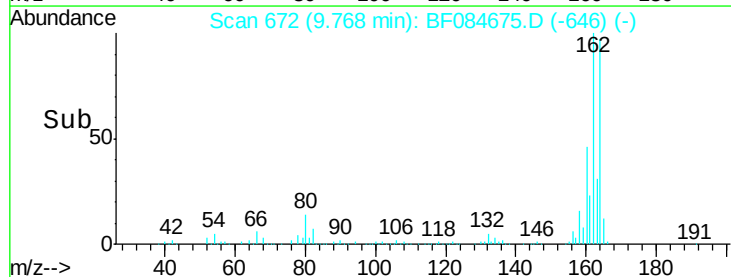
160 46.9 37.5 56.3

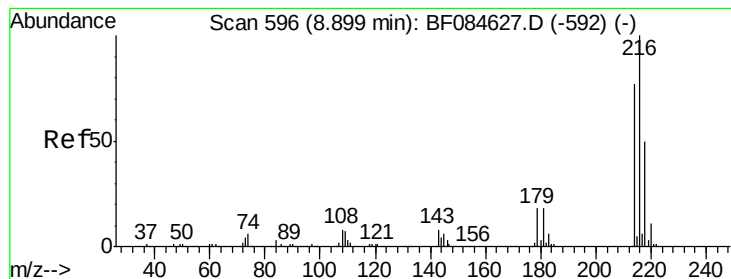


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.92 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

Tgt Ion:216 Resp: 398303

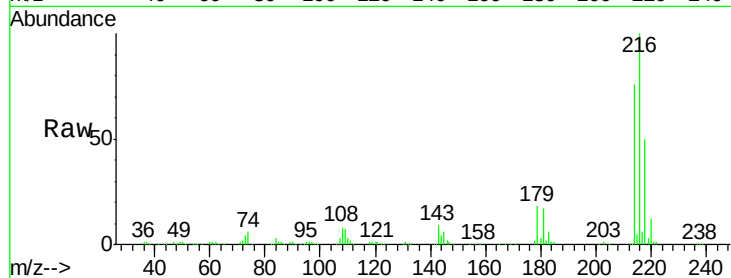
Ion Ratio Lower Upper

216 100

214 79.3 64.2 96.2

179 22.6 18.7 28.1

108 21.4 16.8 25.2

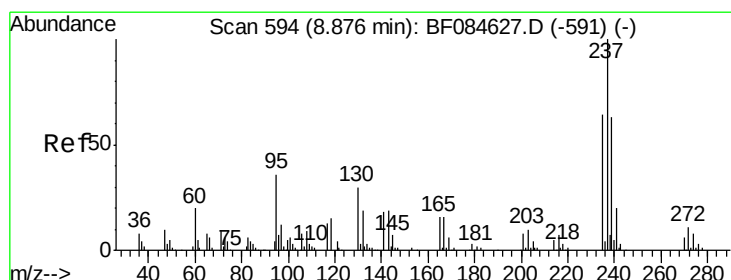
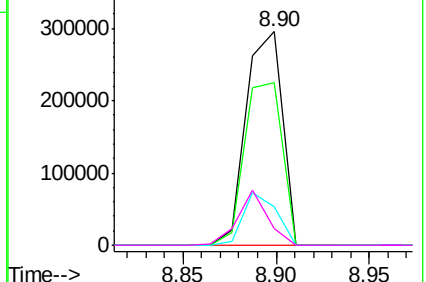
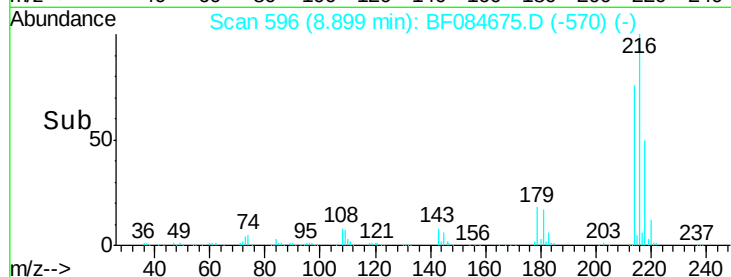


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 81.82 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

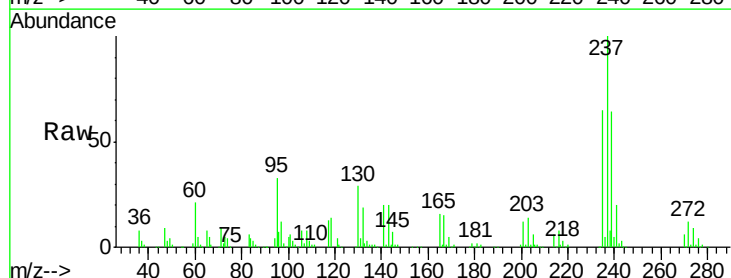
Tgt Ion:237 Resp: 401268

Ion Ratio Lower Upper

237 100

235 65.4 43.1 83.1

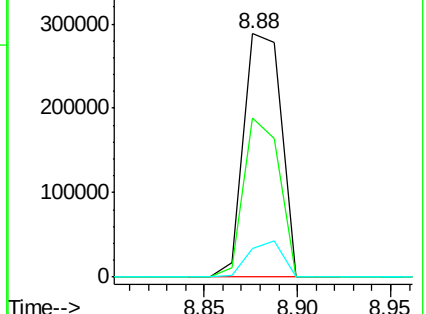
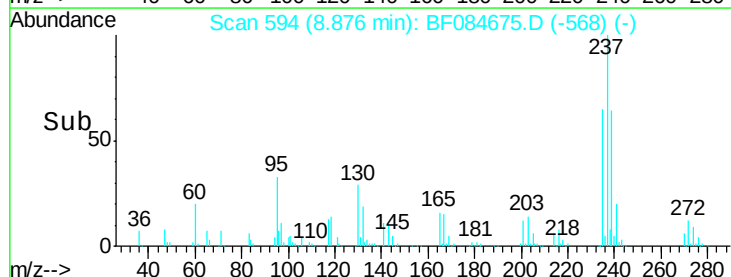
272 11.6 0.0 35.1

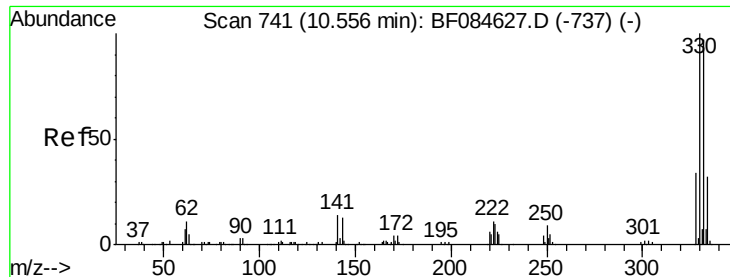


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

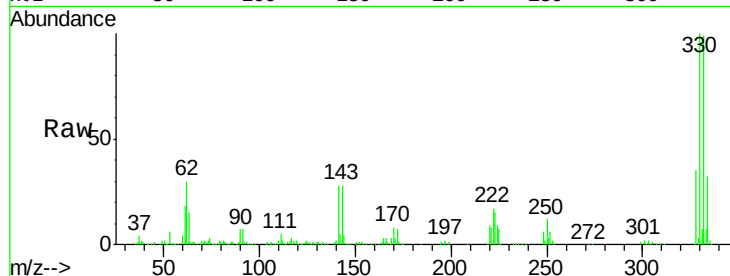




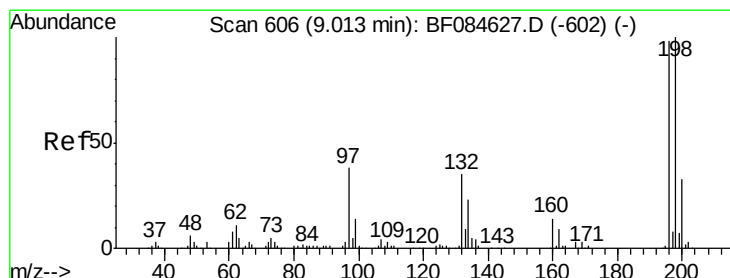
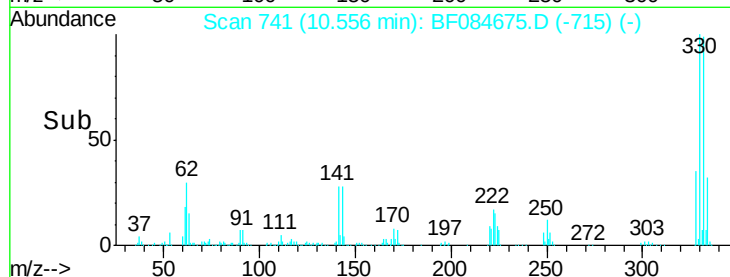
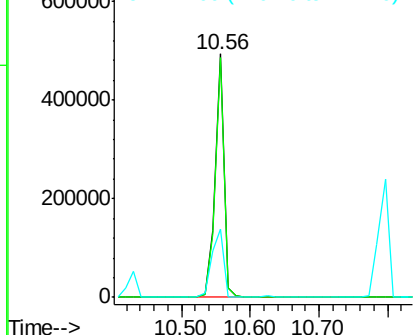
#41
 2,4,6-Tribromophenol
 Concen: 130.59 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MS

Tgt Ion:330 Resp: 455259
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 36.8 27.8 41.6

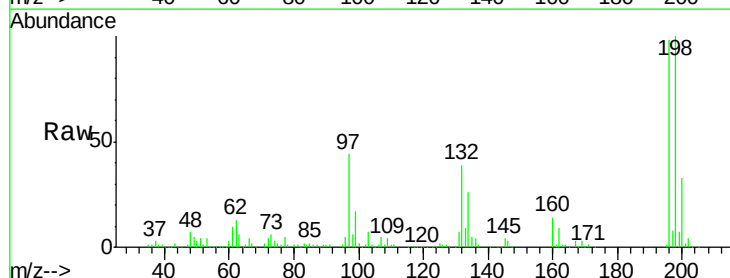


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

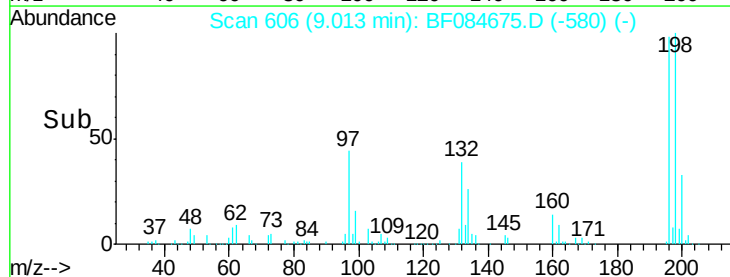
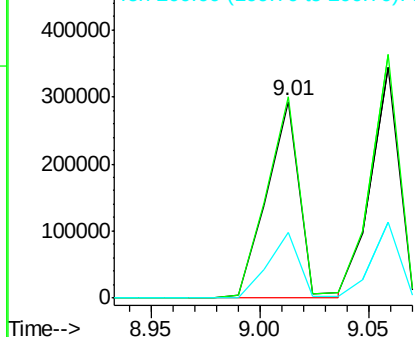


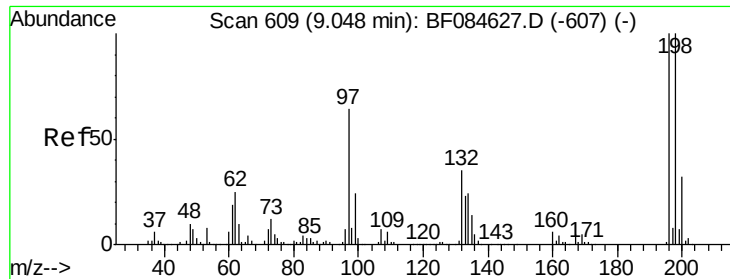
#42
 2,4,6-Trichlorophenol
 Concen: 46.15 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Tgt Ion:196 Resp: 309226
 Ion Ratio Lower Upper
 196 100
 198 102.5 77.7 116.5
 200 33.7 24.6 37.0



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

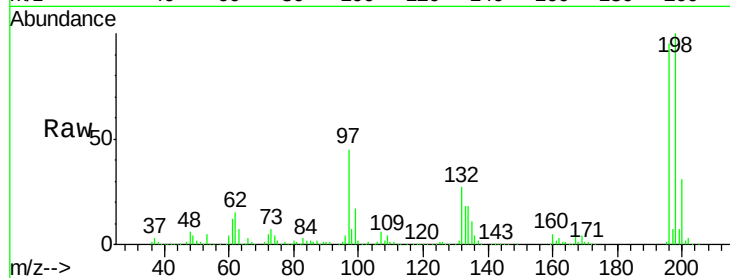




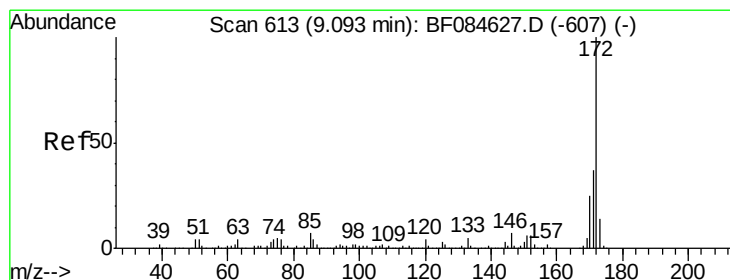
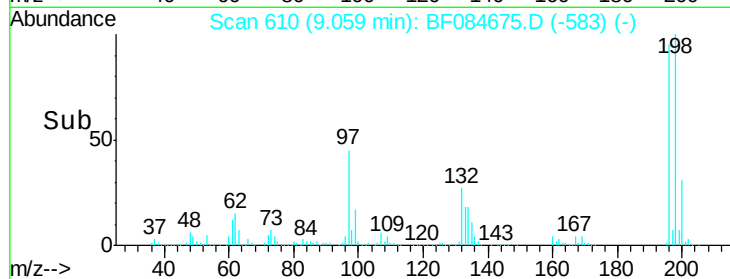
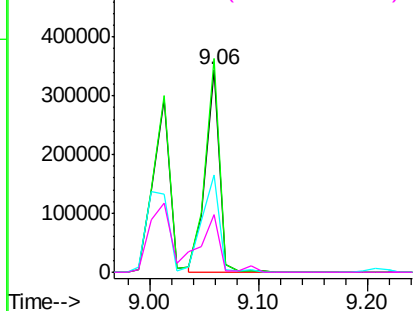
#43
 2,4,5-Trichlorophenol
 Concen: 45.58 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MS

Tgt Ion:196 Resp: 315352
 Ion Ratio Lower Upper
 196 100
 198 105.4 79.0 118.6
 97 47.8 33.0 49.6
 132 28.4 21.1 31.7

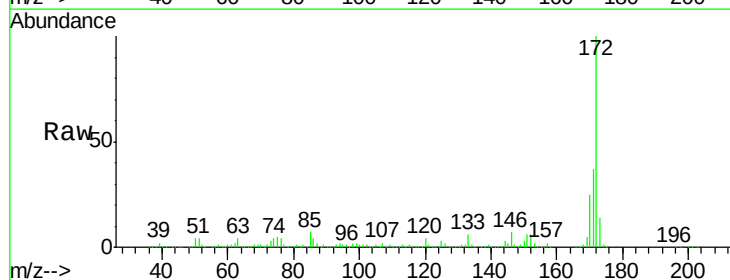


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

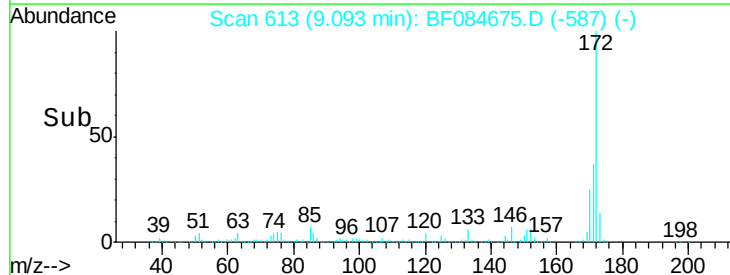
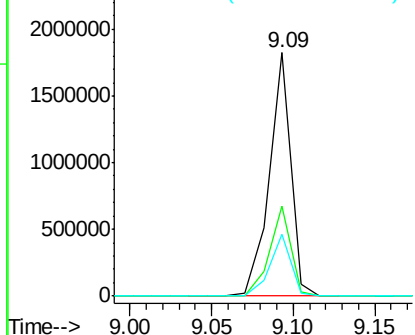


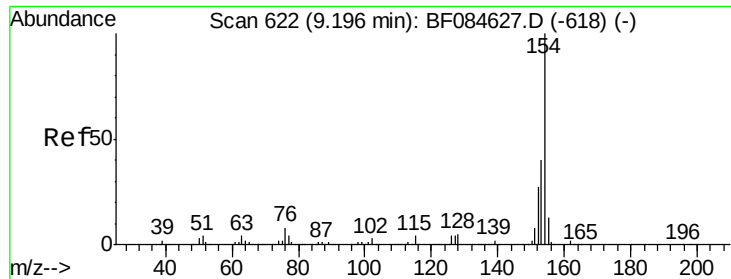
#44
 2-Fluorobiphenyl
 Concen: 75.00 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Tgt Ion:172 Resp: 1678424
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 25.5 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

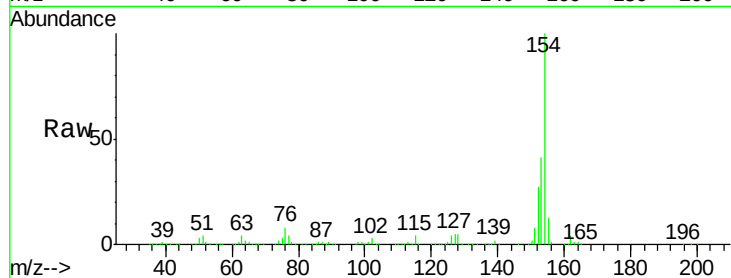




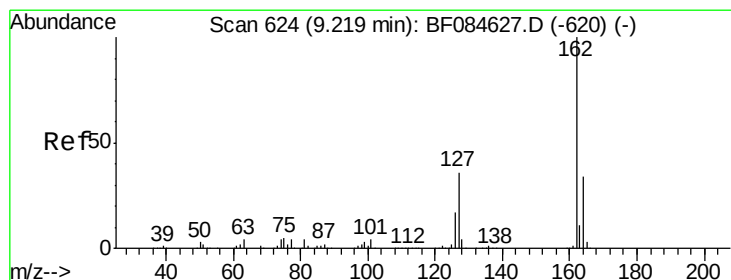
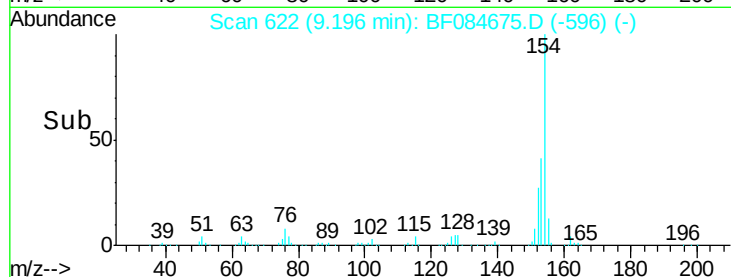
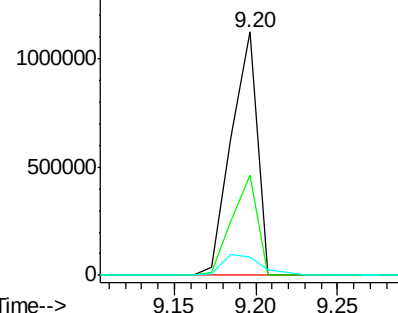
#45
 1,1'-Biphenyl
 Concen: 40.48 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MS

Tgt Ion:154 Resp: 1234101
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.6 61.6
 76 7.7 0.0 32.7

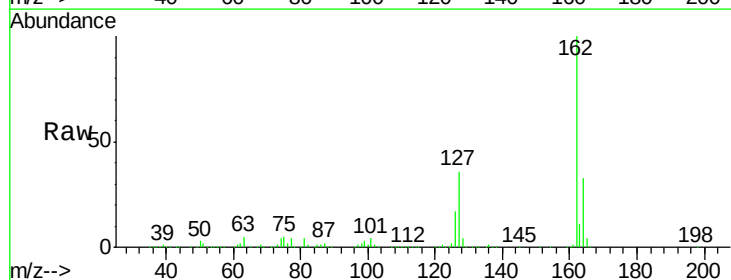


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

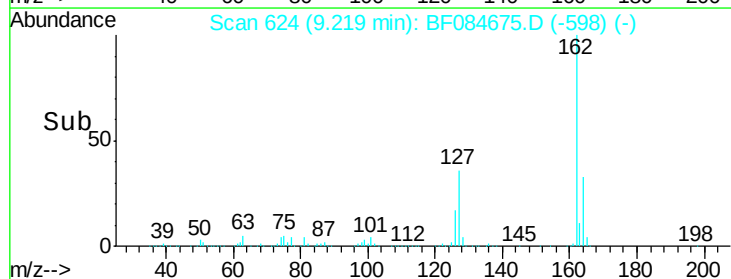
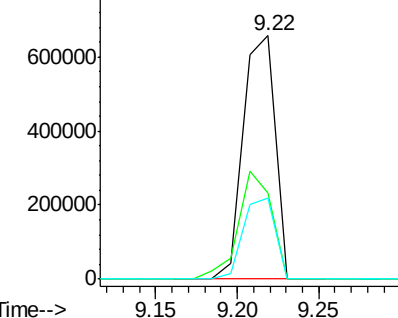


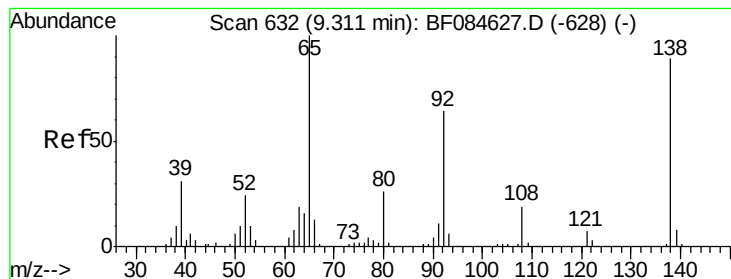
#46
 2-Chloronaphthalene
 Concen: 40.38 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Tgt Ion:162 Resp: 898016
 Ion Ratio Lower Upper
 162 100
 127 35.5 40.2 60.4#
 164 33.1 25.7 38.5



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: 40.44 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

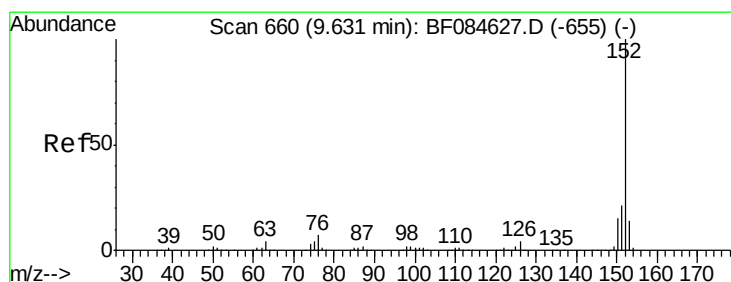
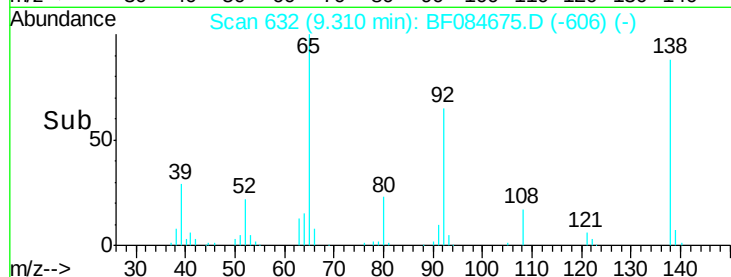
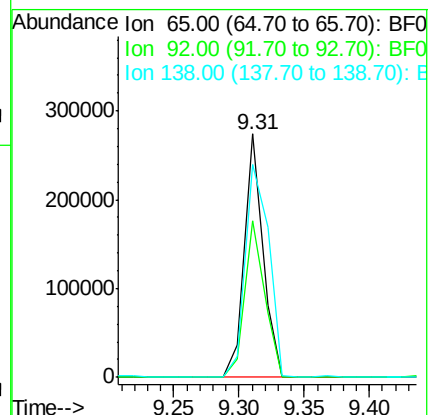
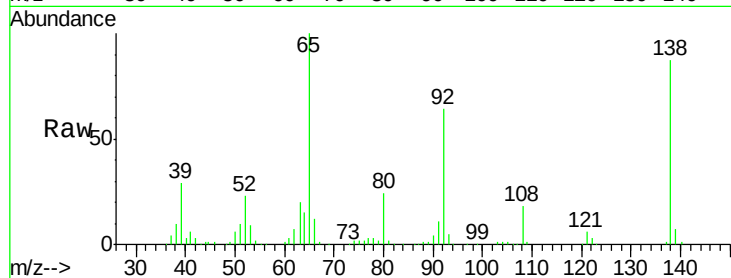
Tgt Ion: 65 Resp: 270133

Ion Ratio Lower Upper

65 100

92 64.2 53.4 80.2

138 87.4 71.1 106.7



#48

Acenaphthylene

Concen: 42.09 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

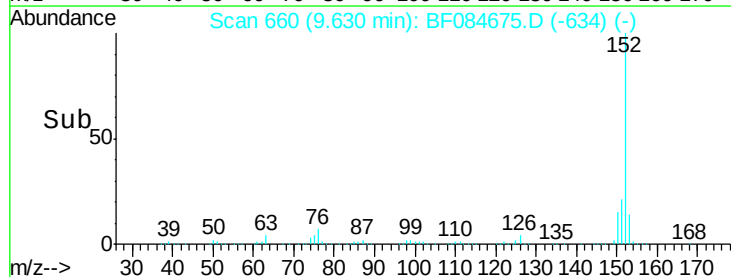
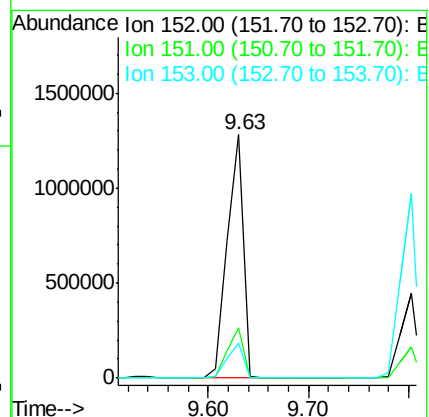
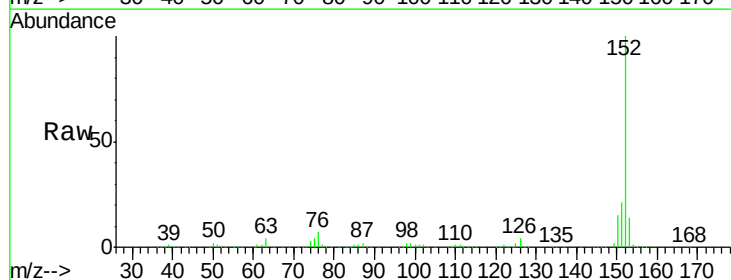
Tgt Ion: 152 Resp: 1418269

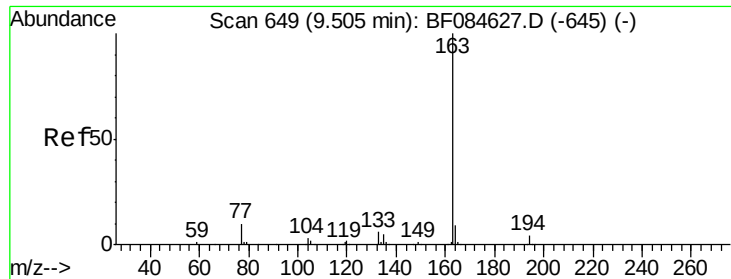
Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 14.2 10.4 15.6

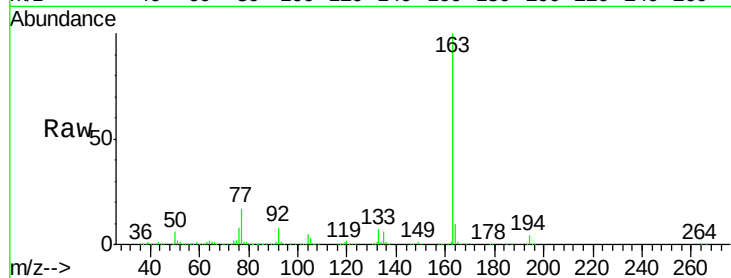




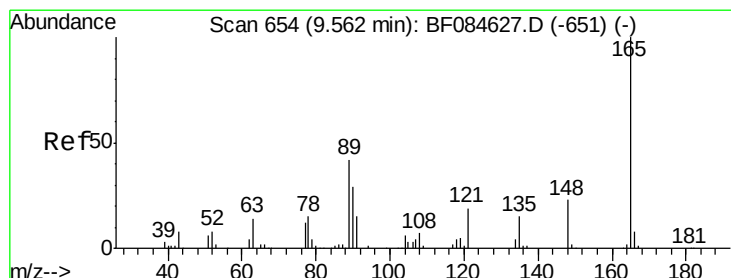
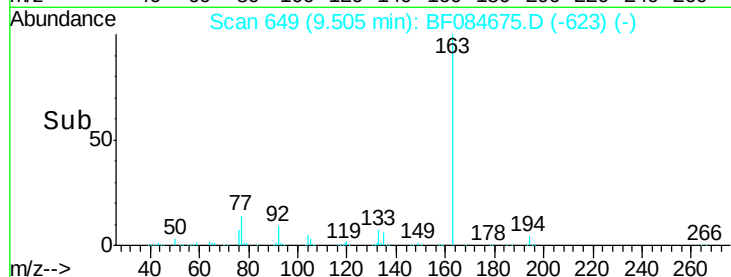
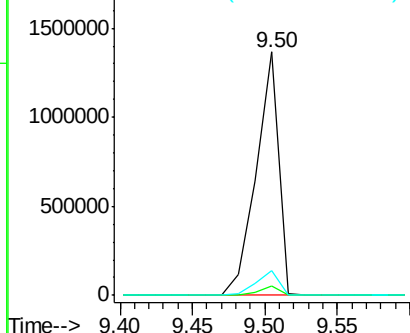
#49
Dimethylphthalate
Concen: 58.81 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

Tgt Ion:163 Resp: 1468068
Ion Ratio Lower Upper
163 100
194 3.6 8.0 12.0#
164 10.1 8.0 12.0

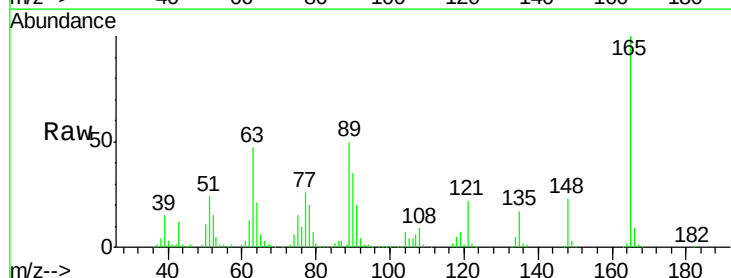


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

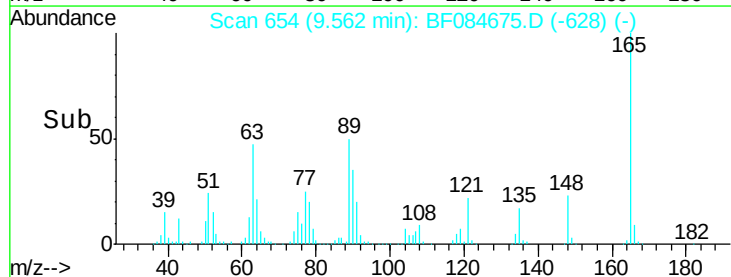
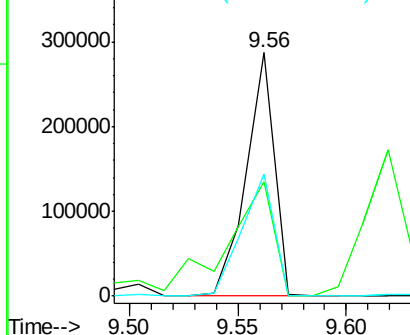


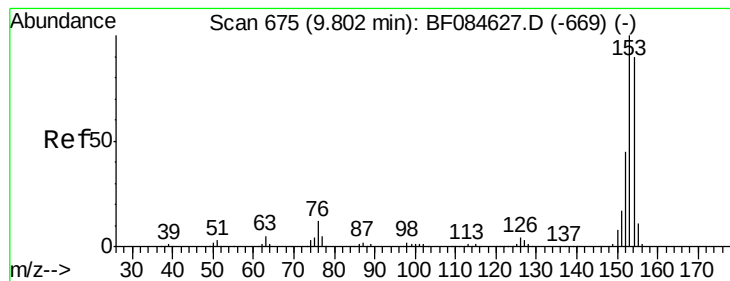
#50
2,6-Dinitrotoluene
Concen: 47.07 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion:165 Resp: 258553
Ion Ratio Lower Upper
165 100
63 47.0 28.8 43.2#
89 50.0 35.1 52.7



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: 42.37 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

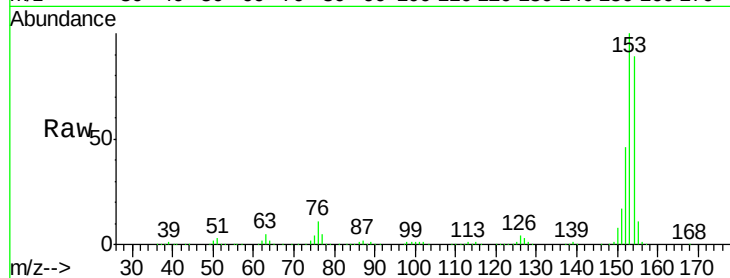
Tgt Ion:154 Resp: 956219

Ion Ratio Lower Upper

154 100

153 111.8 91.5 137.3

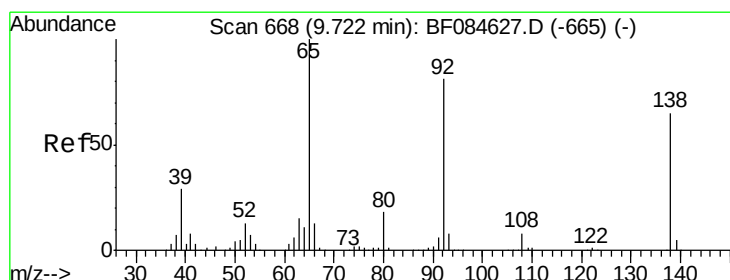
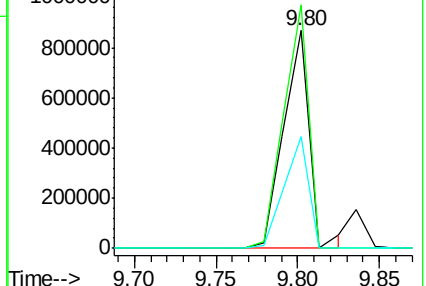
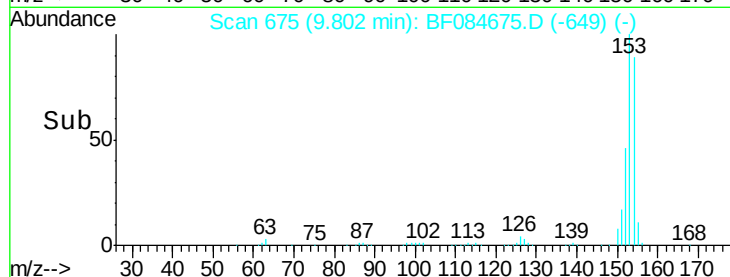
152 51.6 43.0 64.6



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: 26.41 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

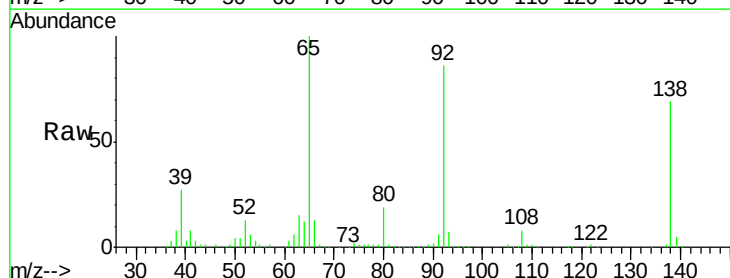
Tgt Ion:138 Resp: 151552

Ion Ratio Lower Upper

138 100

108 11.3 10.5 15.7

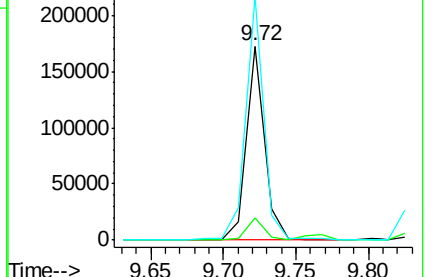
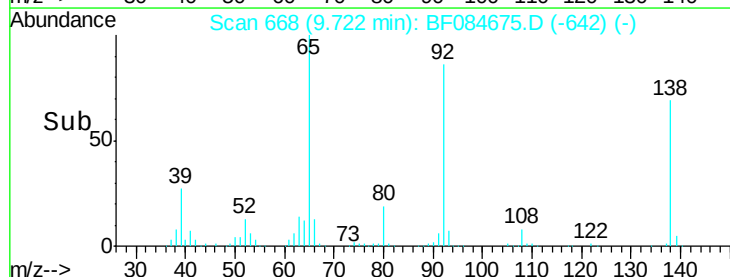
92 125.3 103.9 155.9

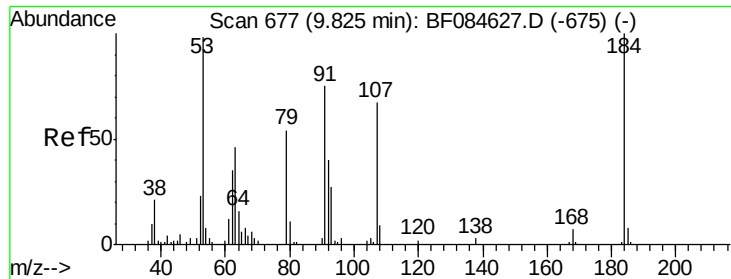


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

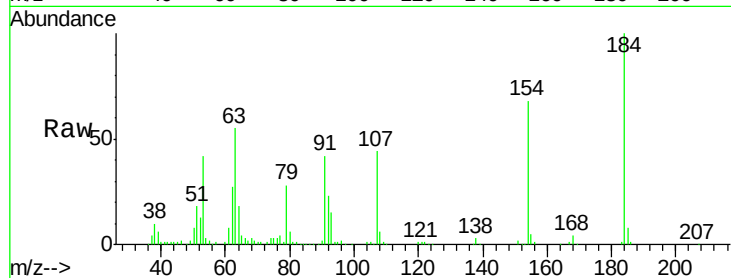




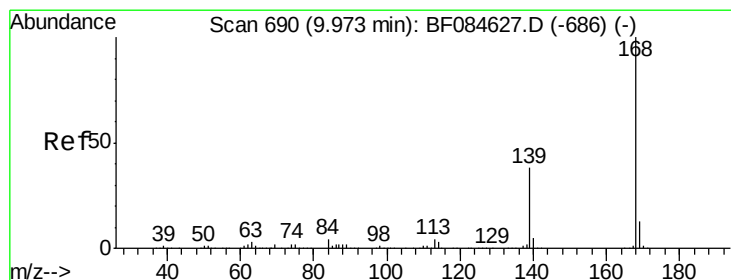
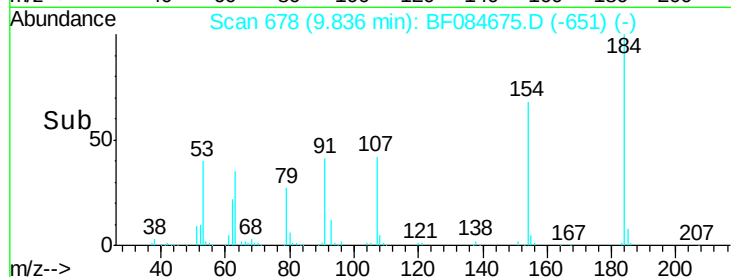
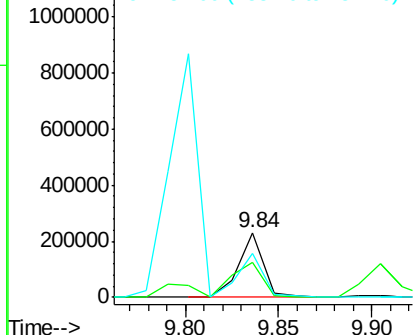
#53
2,4-Dinitrophenol
Concen: 79.79 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.01 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

Tgt Ion:184 Resp: 216241
Ion Ratio Lower Upper
184 100
63 54.8 43.1 64.7
154 68.1 60.5 90.7

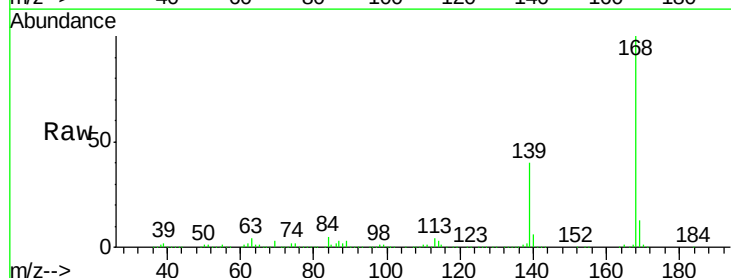


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

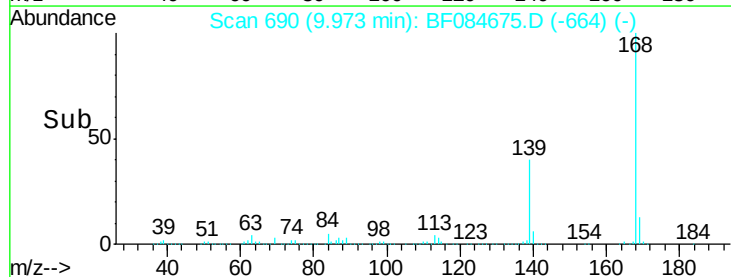
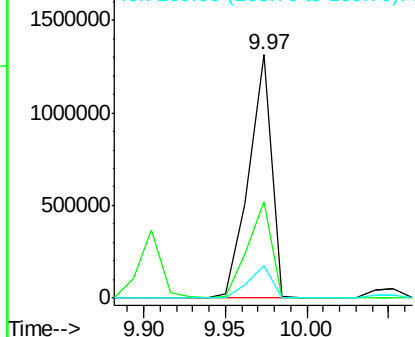


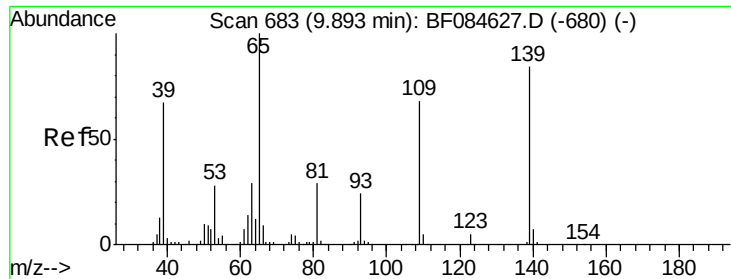
#54
Dibenzofuran
Concen: 47.18 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion:168 Resp: 1270714
Ion Ratio Lower Upper
168 100
139 39.7 30.5 45.7
169 13.3 10.4 15.6



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

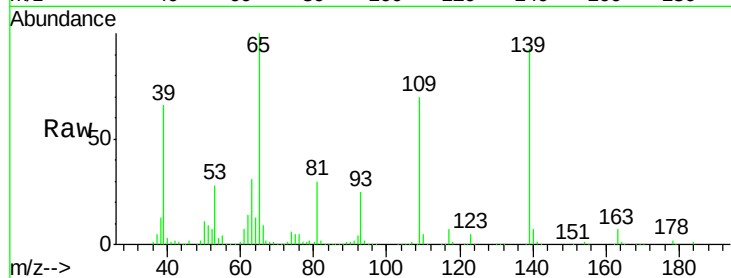




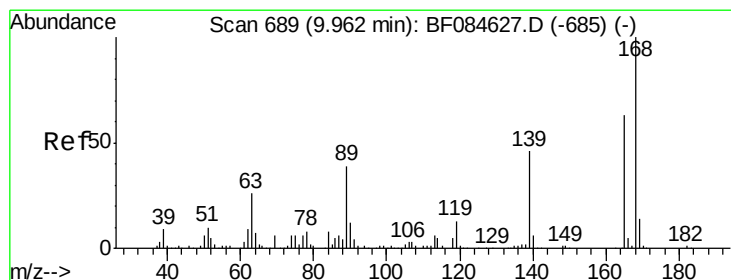
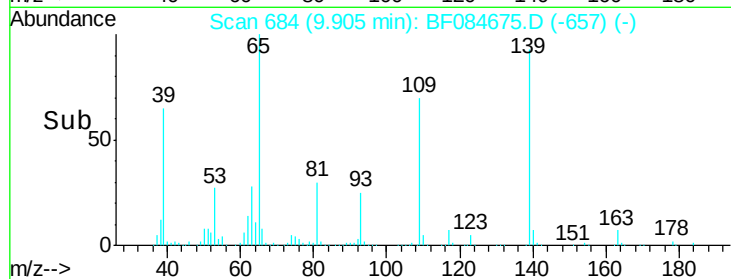
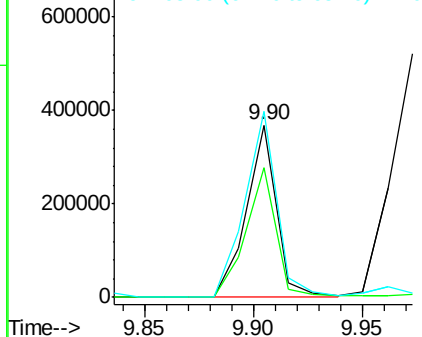
#55
4-Nitrophenol
Concen: 84.53 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

Tgt Ion:139 Resp: 356380
Ion Ratio Lower Upper
139 100
109 75.4 58.5 98.5
65 107.9 57.6 97.6#

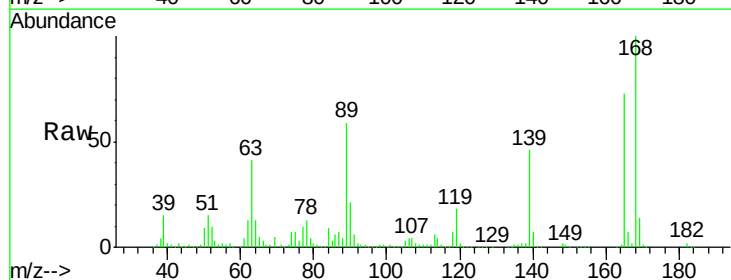


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

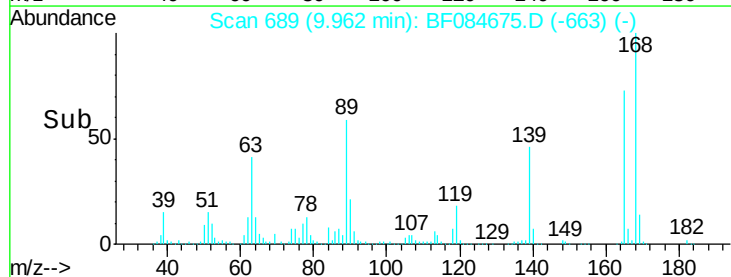
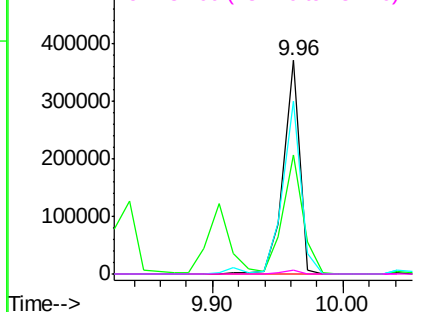


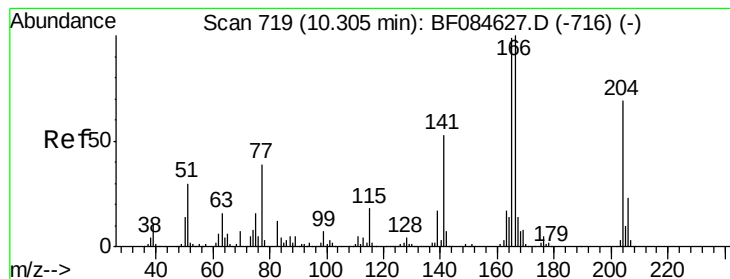
#56
2,4-Dinitrotoluene
Concen: 45.35 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion:165 Resp: 323587
Ion Ratio Lower Upper
165 100
63 55.8 36.7 55.1#
89 81.0 61.9 92.9
182 2.1 2.0 3.0



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: 40.72 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

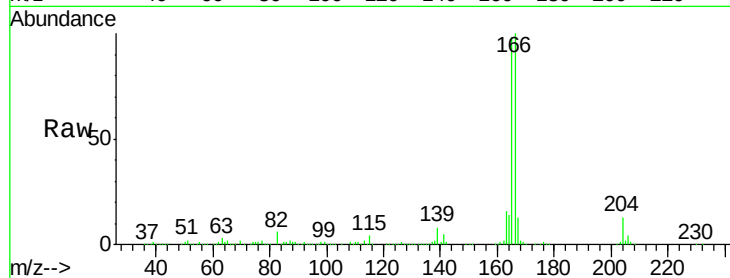
Tgt Ion:166 Resp: 929668

Ion Ratio Lower Upper

166 100

165 98.3 79.1 118.7

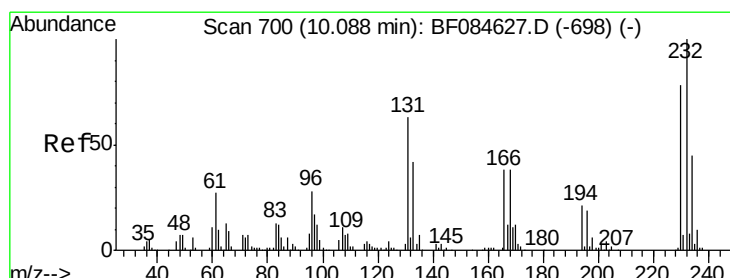
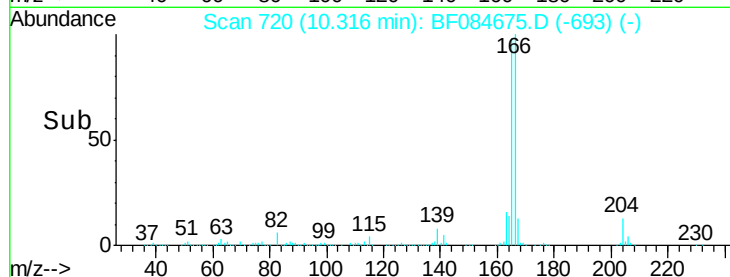
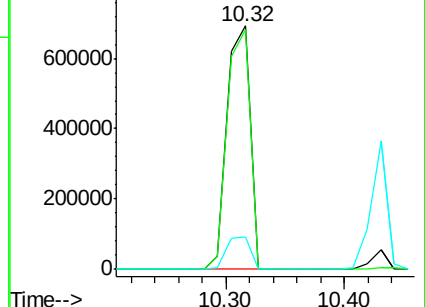
167 13.3 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.50 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Tgt Ion:232 Resp: 243210

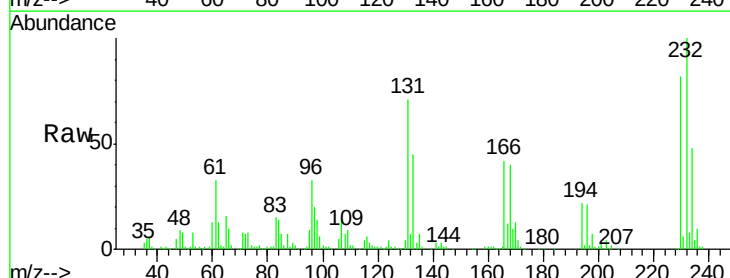
Ion Ratio Lower Upper

232 100

131 51.4 47.0 70.6

130 2.9 2.0 3.0

166 32.1 30.5 45.7

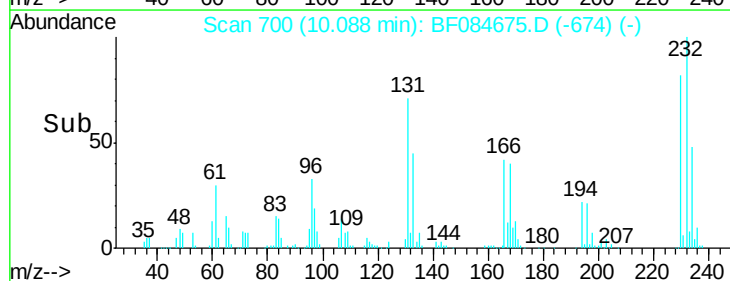
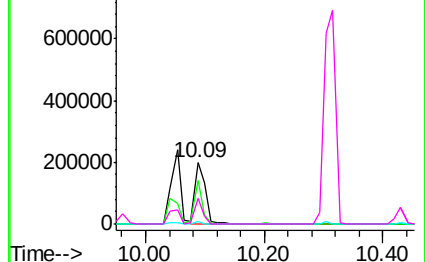


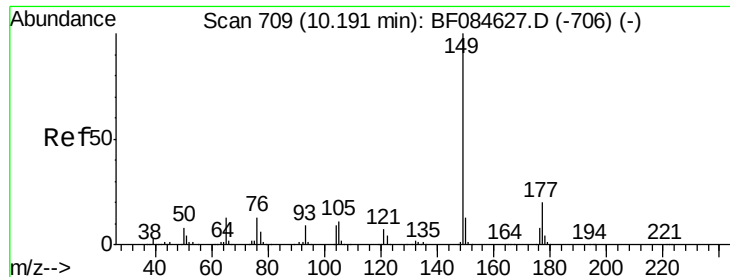
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

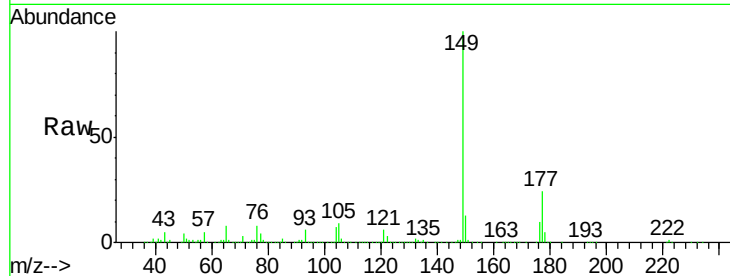




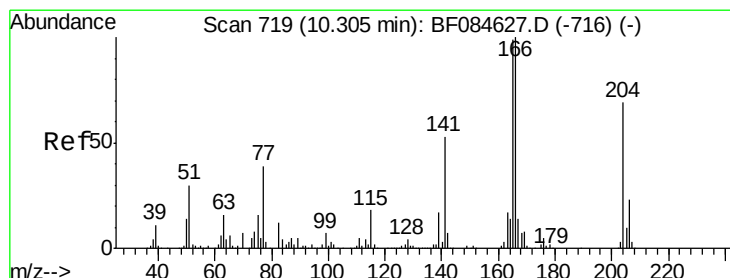
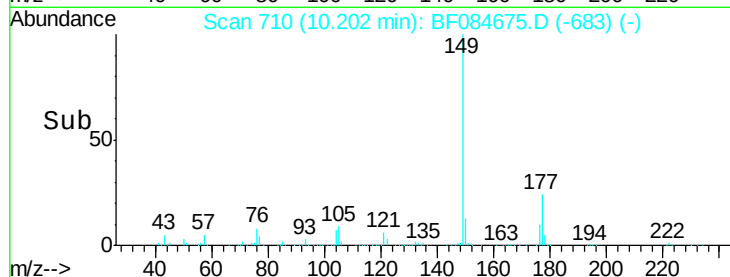
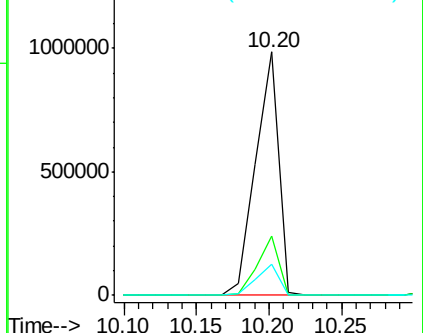
#59
Diethylphthalate
Concen: 44.22 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.01 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

Tgt Ion:149 Resp: 1080646
Ion Ratio Lower Upper
149 100
177 24.2 17.3 25.9
150 12.7 9.8 14.8

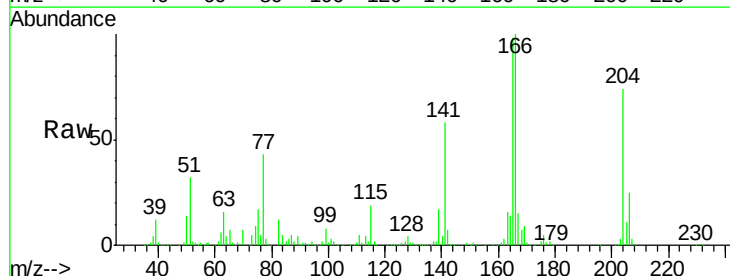


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

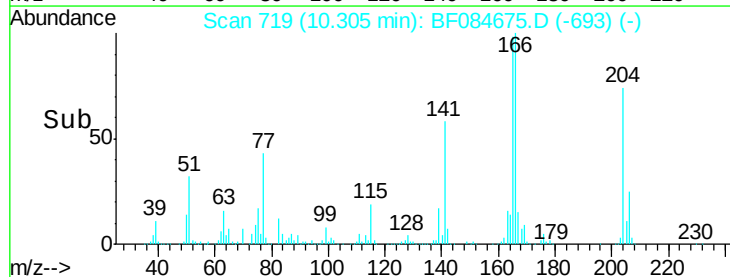
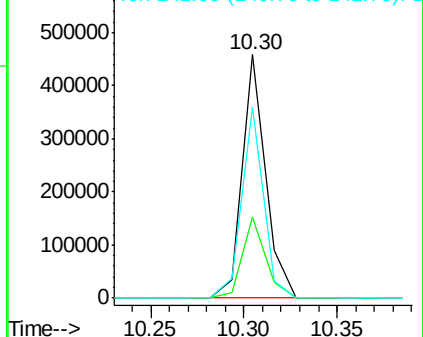


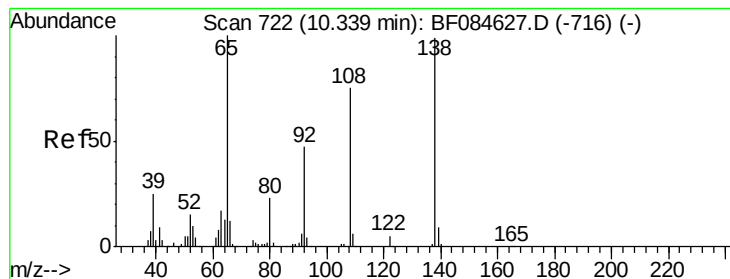
#60
4-Chlorophenyl-phenylether
Concen: 39.02 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion:204 Resp: 399879
Ion Ratio Lower Upper
204 100
206 33.2 25.7 38.5
141 78.3 55.1 82.7



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: 42.45 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

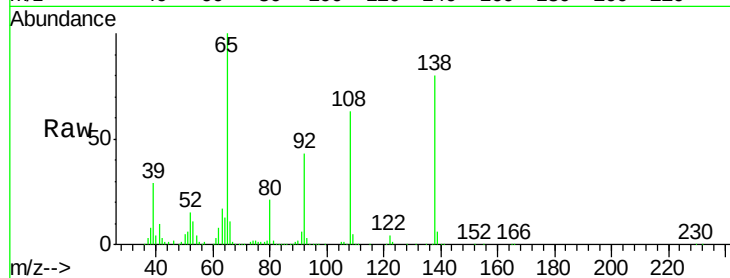
Tgt Ion:138 Resp: 230604

Ion Ratio Lower Upper

138 100

92 53.3 32.6 72.6

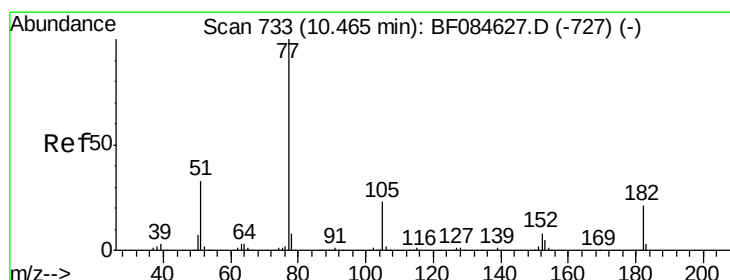
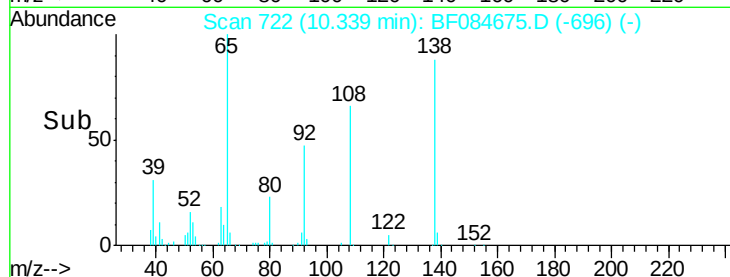
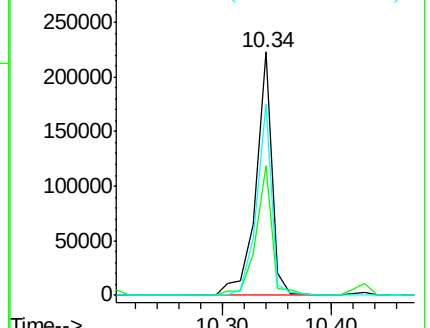
108 78.3 68.6 108.6



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: 46.95 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Tgt Ion: 77 Resp: 1098241

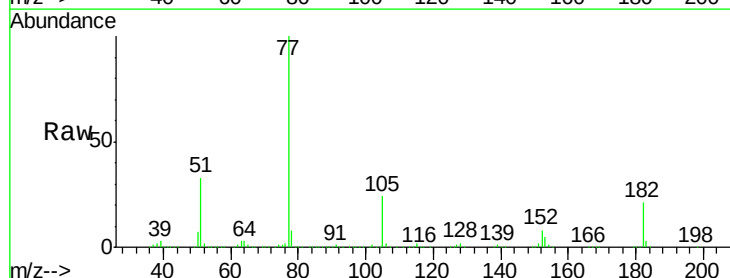
Ion Ratio Lower Upper

77 100

182 21.1 8.3 48.3

105 23.6 4.6 44.6

51 32.7 6.2 46.2

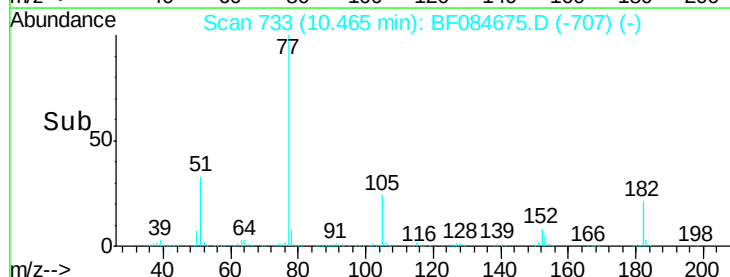
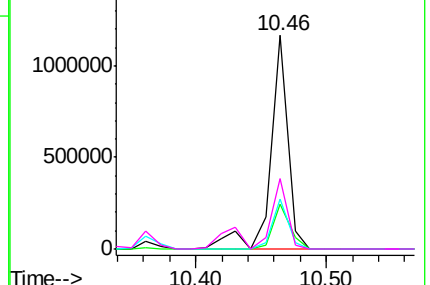


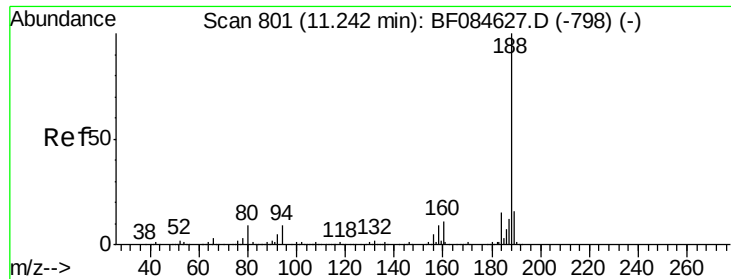
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

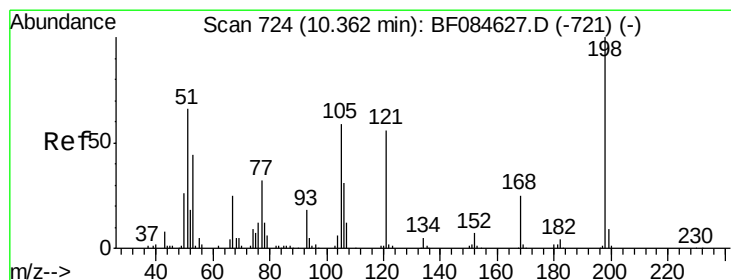
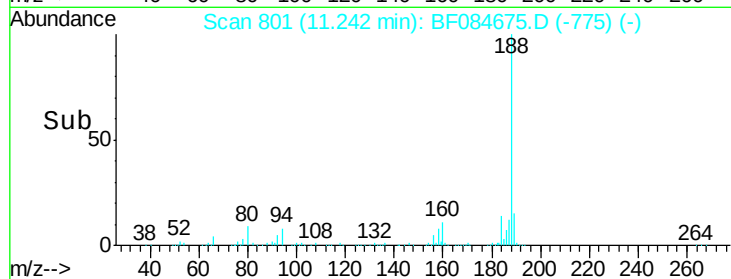
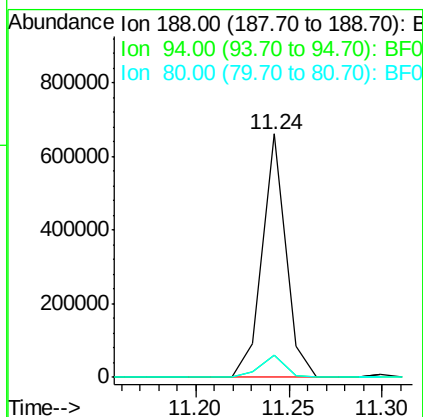
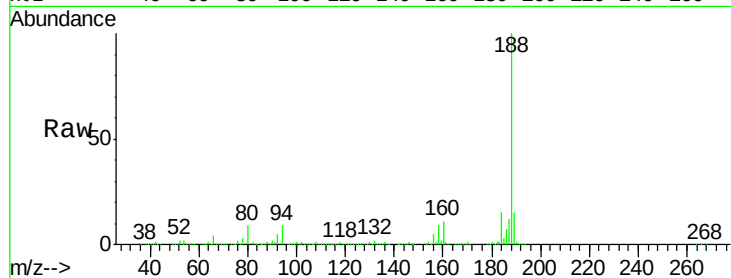




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

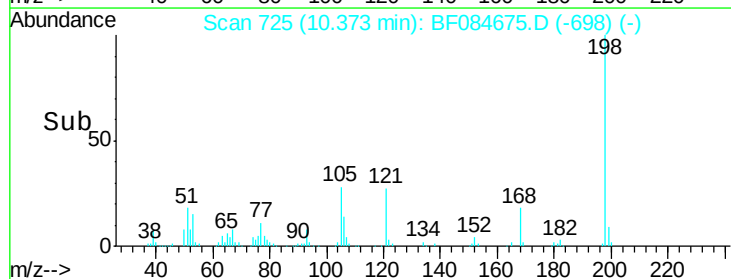
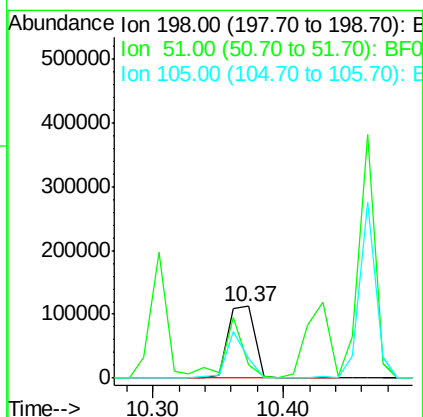
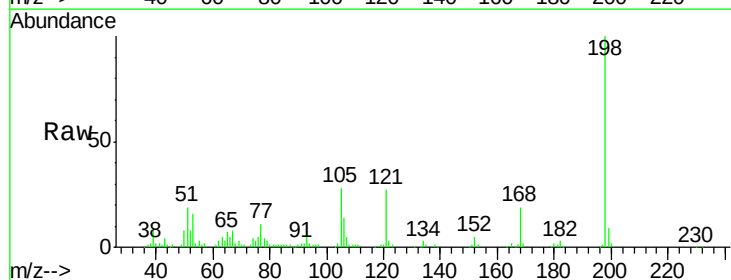
Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MS

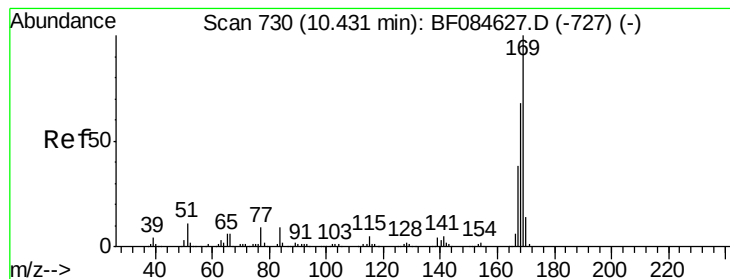
Tgt Ion:188 Resp: 577371
Ion Ratio Lower Upper
188 100
94 8.9 9.0 13.4#
80 9.2 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 42.49 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF084675.D
Acq: 30 Jan 2016 10:13

Tgt Ion:198 Resp: 160243
Ion Ratio Lower Upper
198 100
51 18.8 18.9 58.9#
105 28.1 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 48.24 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

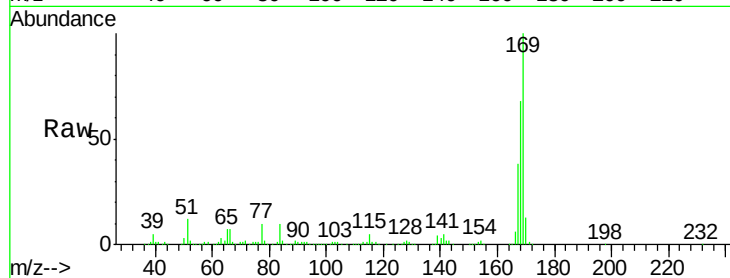
Tgt Ion:169 Resp: 903157

Ion Ratio Lower Upper

169 100

168 67.8 55.1 82.7

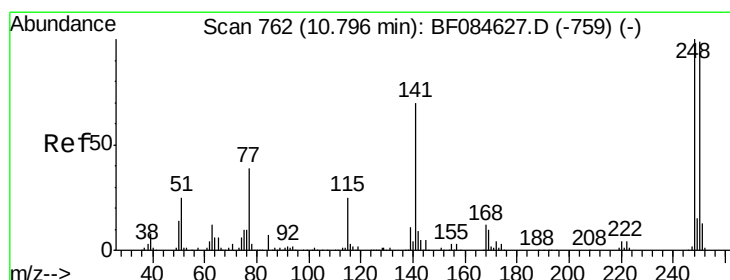
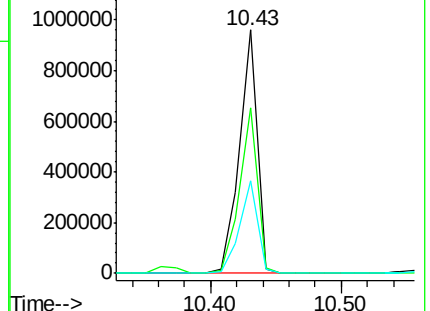
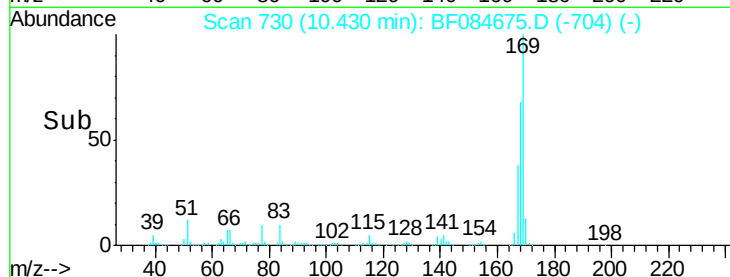
167 37.8 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.37 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

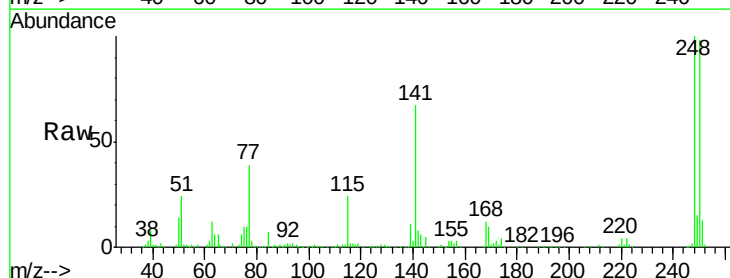
Tgt Ion:248 Resp: 301527

Ion Ratio Lower Upper

248 100

250 97.5 78.4 117.6

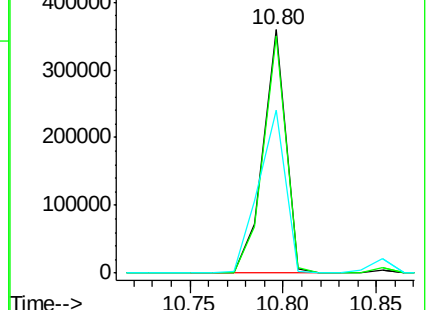
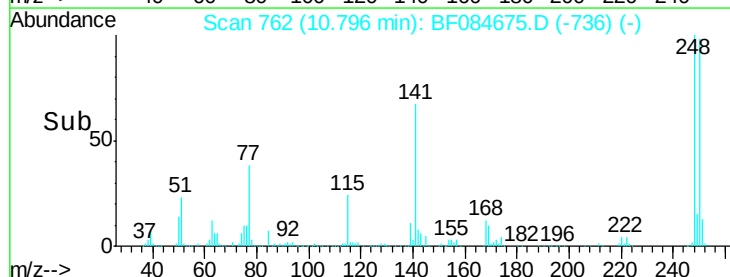
141 66.8 44.0 66.0#

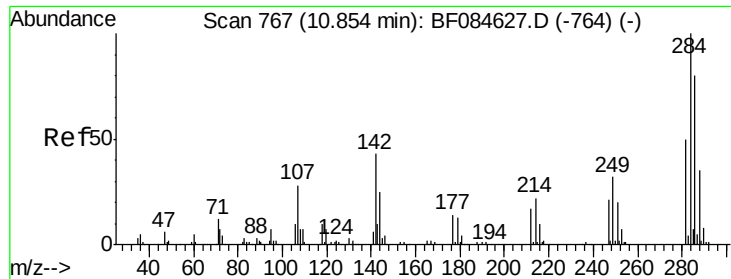


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.91 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

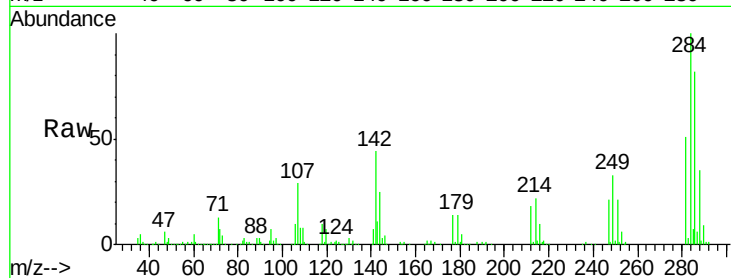
Tgt Ion:284 Resp: 289345

Ion Ratio Lower Upper

284 100

142 43.9 22.2 33.4#

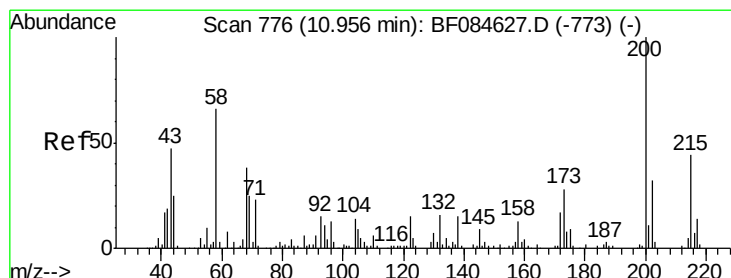
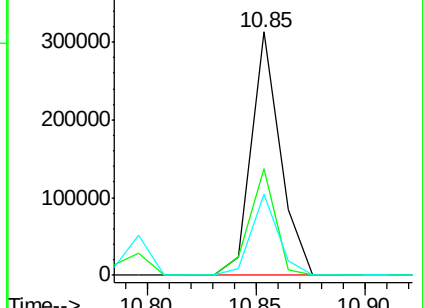
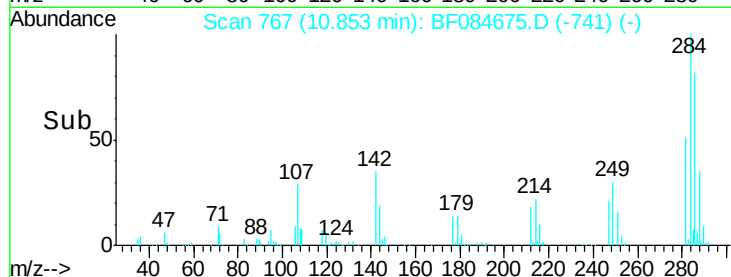
249 33.4 24.6 37.0



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: 43.12 ng

RT: 10.96 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

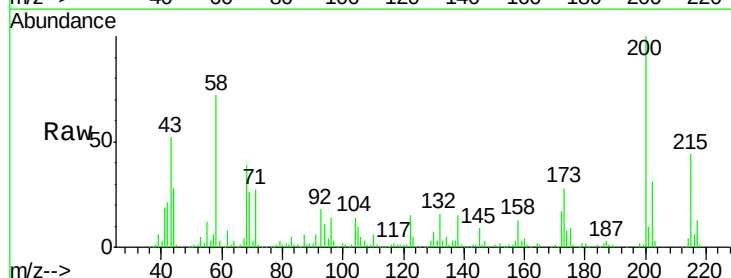
Tgt Ion:200 Resp: 241854

Ion Ratio Lower Upper

200 100

173 27.8 9.5 49.5

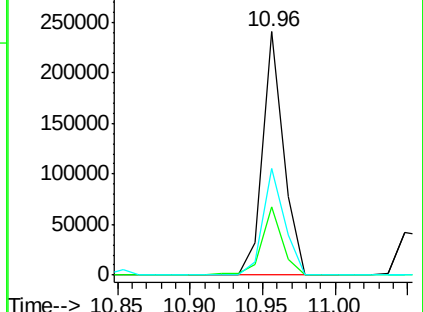
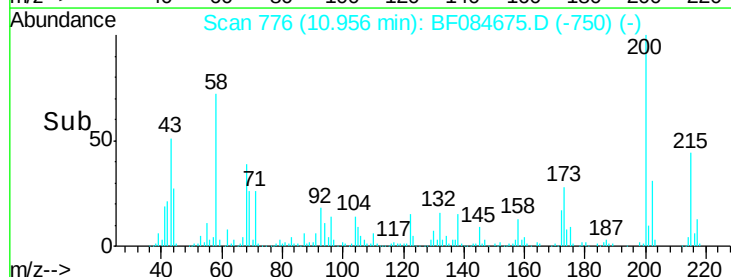
215 43.6 23.8 63.8

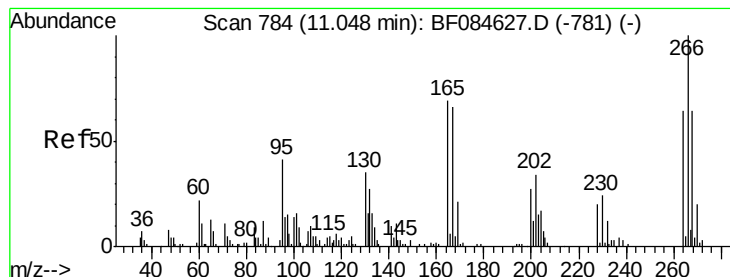


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 93.87 ng

RT: 11.06 min Scan# 785

Delta R.T. 0.01 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

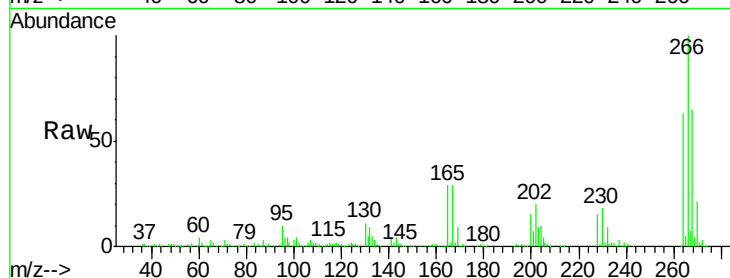
Tgt Ion:266 Resp: 320758

Ion Ratio Lower Upper

266 100

268 65.1 52.4 78.6

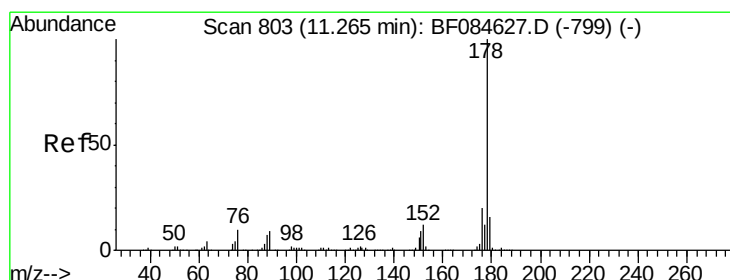
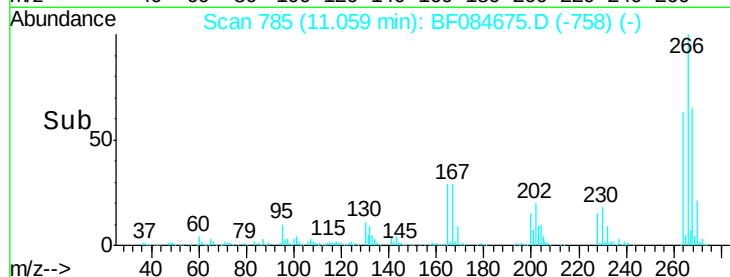
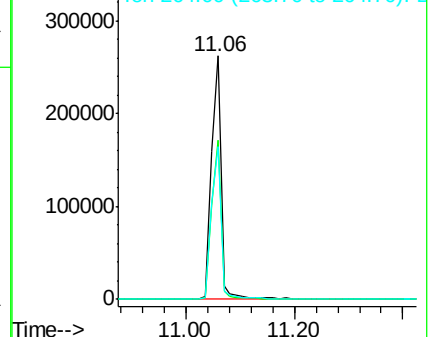
264 62.8 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

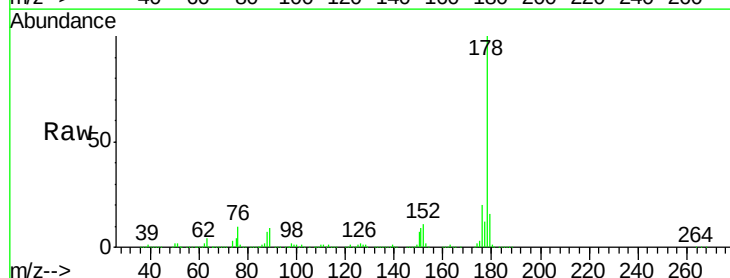
Tgt Ion:178 Resp: 1277151

Ion Ratio Lower Upper

178 100

176 20.1 15.3 22.9

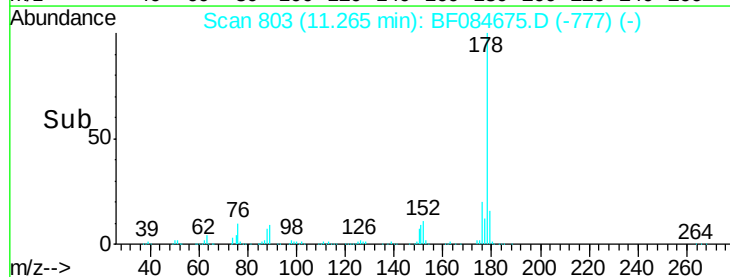
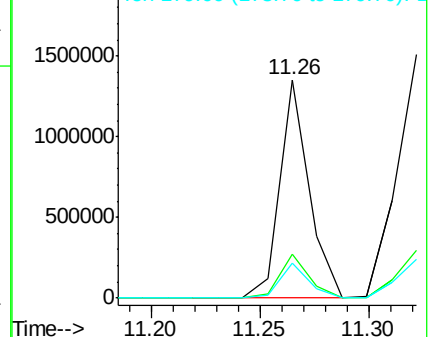
179 16.1 12.0 18.0

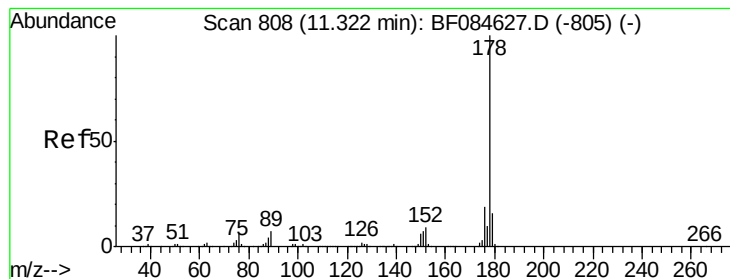


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 45.58 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

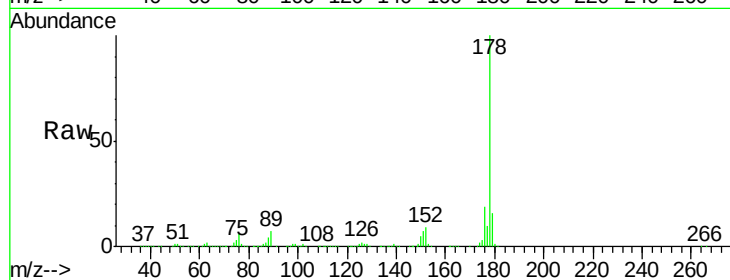
Tgt Ion:178 Resp: 1479511

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

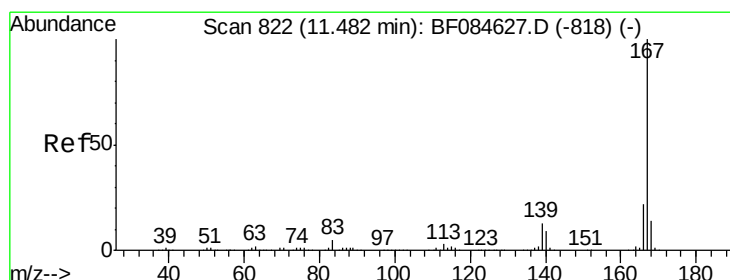
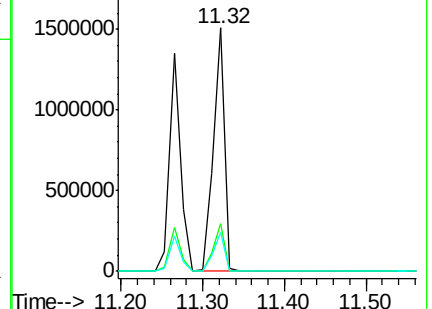
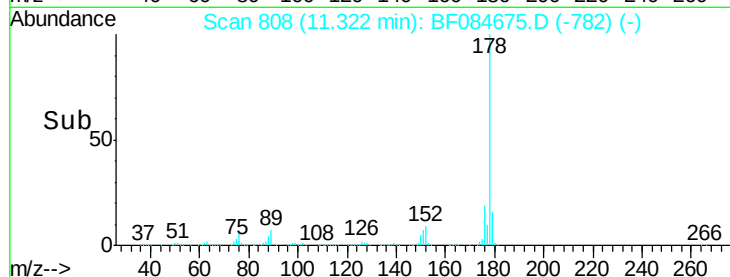
179 15.9 12.5 18.7



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: 45.16 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

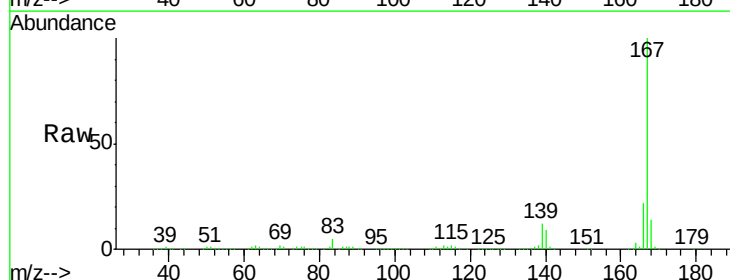
Tgt Ion:167 Resp: 1263274

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

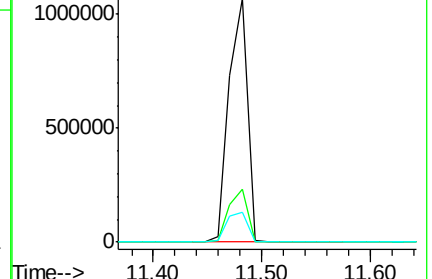
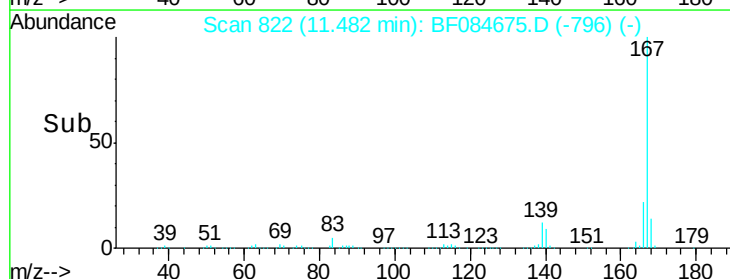
139 12.5 11.8 17.8

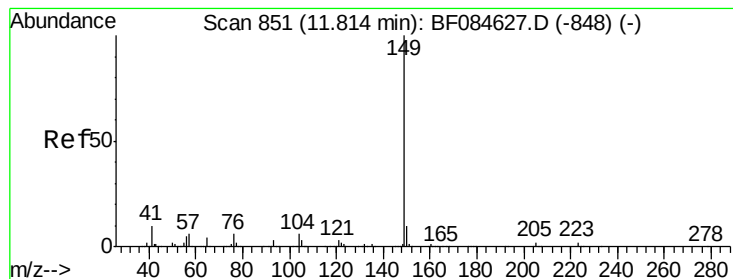


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.78 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

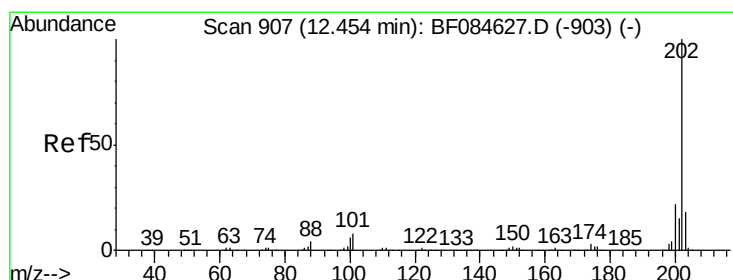
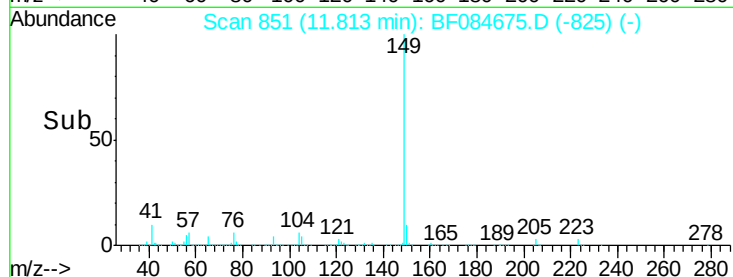
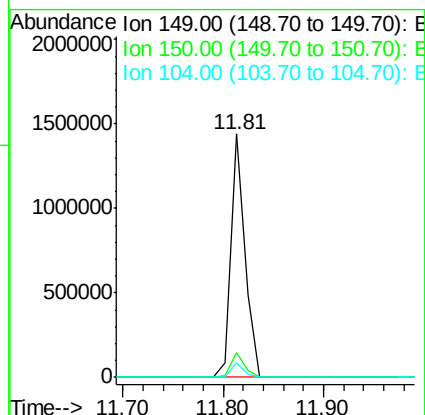
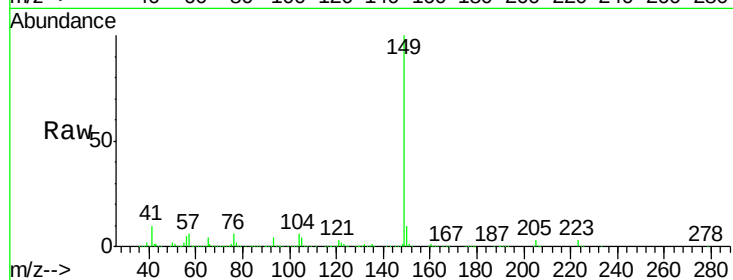
Tgt Ion:149 Resp: 1387473

Ion Ratio Lower Upper

149 100

150 9.9 7.1 10.7

104 5.9 3.2 4.8#



#74

Fluoranthene

Concen: 42.60 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

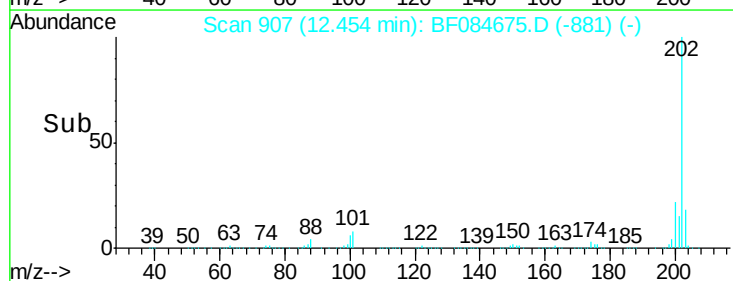
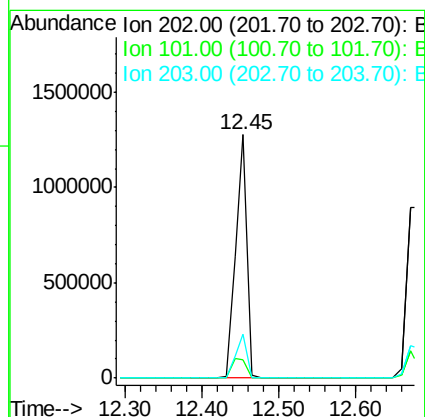
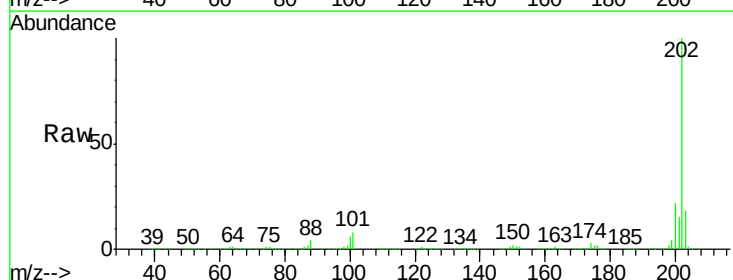
Tgt Ion:202 Resp: 1344550

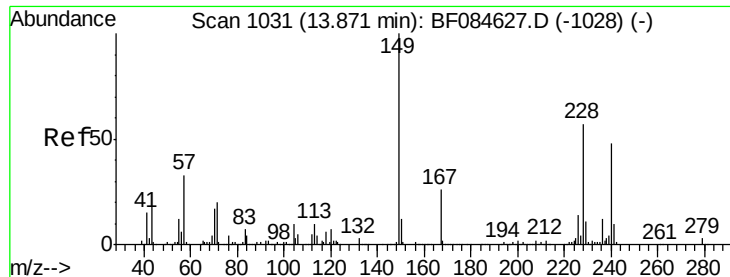
Ion Ratio Lower Upper

202 100

101 7.6 0.0 32.8

203 17.9 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

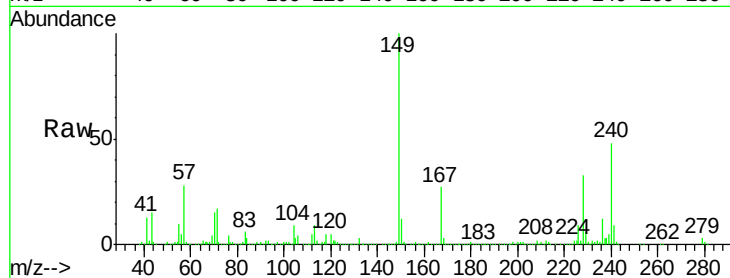
Tgt Ion:240 Resp: 338888

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

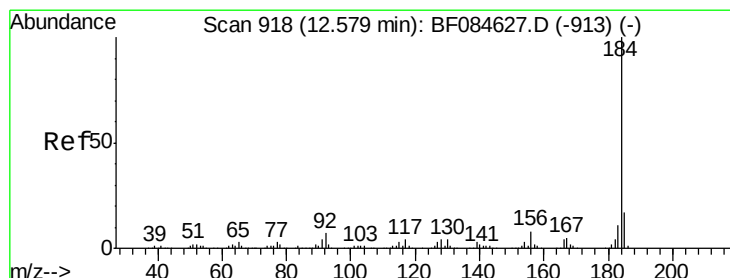
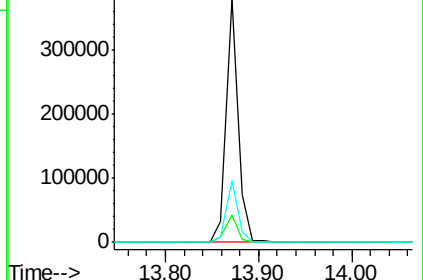
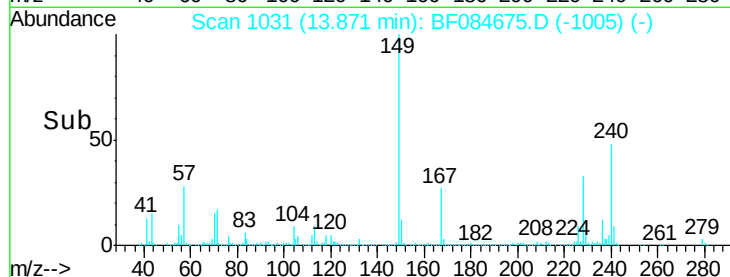
236 25.7 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 49.77 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

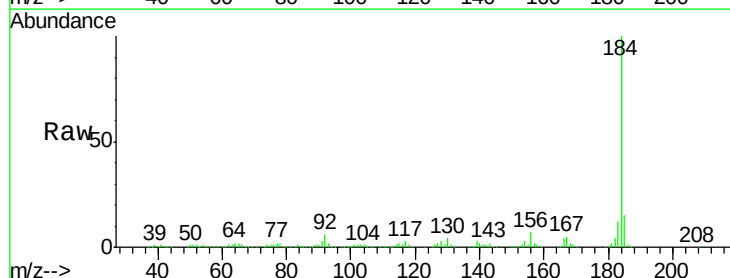
Tgt Ion:184 Resp: 641468

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.2

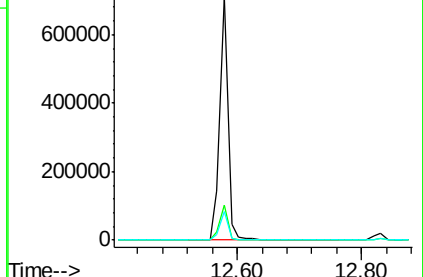
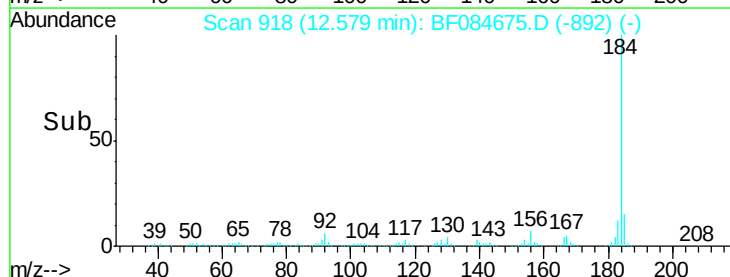
183 11.7 9.8 14.8

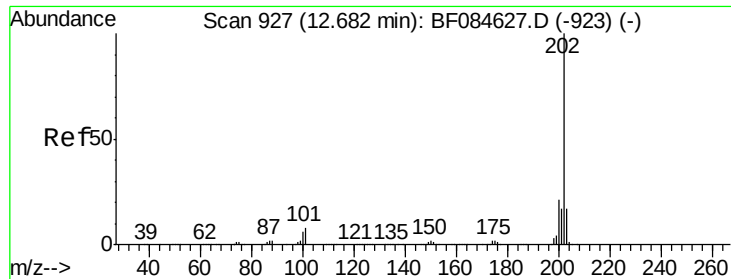


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



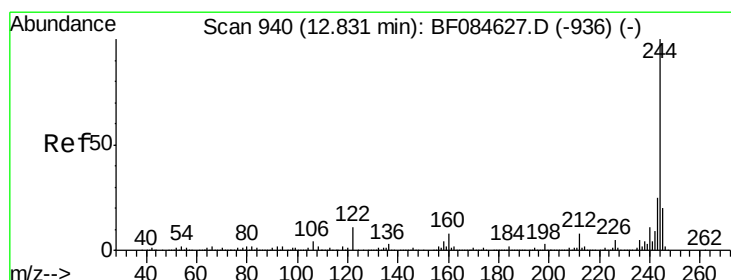
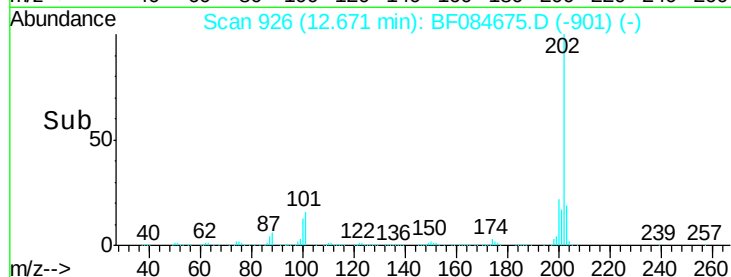
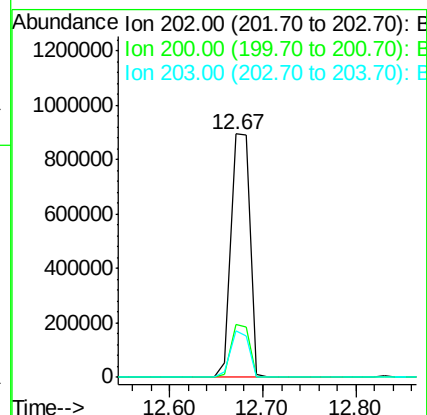
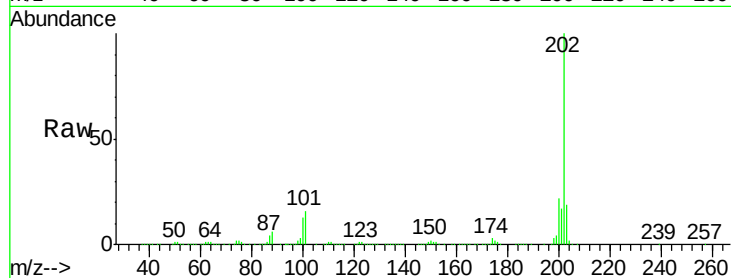


#77
 Pyrene
 Concen: 49.85 ng
 RT: 12.67 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MS

Tgt Ion: 202 Resp: 1274124

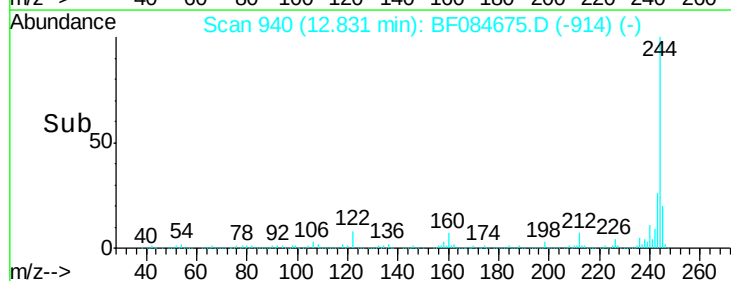
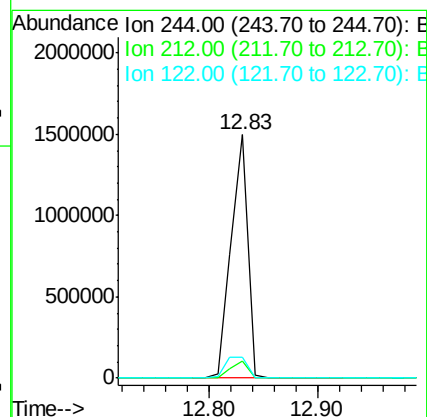
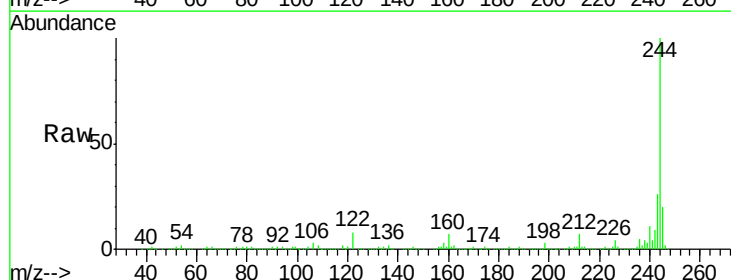
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.2	25.8
203	19.3	14.3	21.5

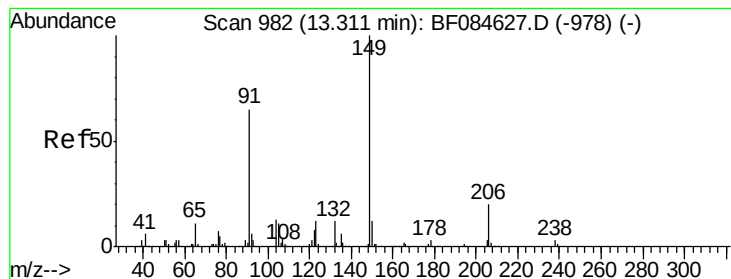


#78
 Terphenyl-d14
 Concen: 105.52 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Tgt Ion: 244 Resp: 1583268

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	8.3	7.4	11.0





#79

Butylbenzylphthalate

Concen: 51.13 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

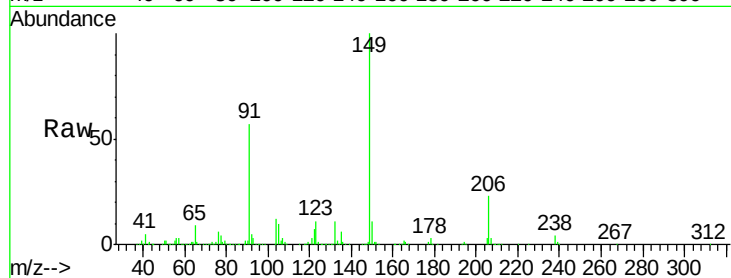
Tgt Ion:149 Resp: 558303

Ion Ratio Lower Upper

149 100

91 57.4 57.6 86.4#

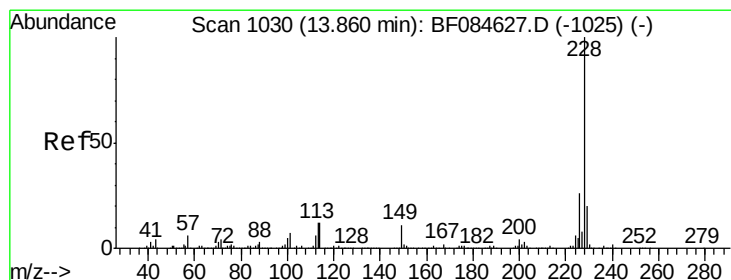
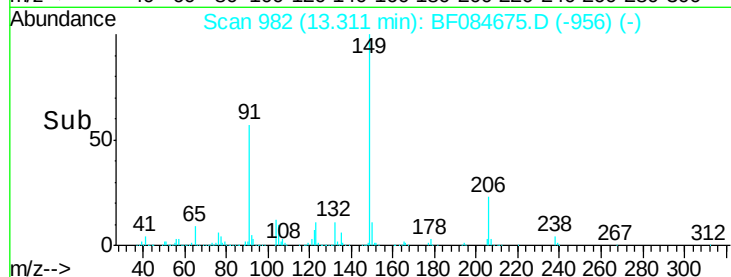
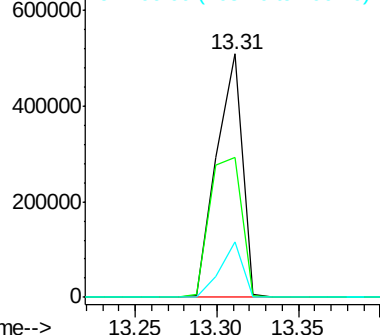
206 22.6 13.2 19.8#



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: 42.82 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

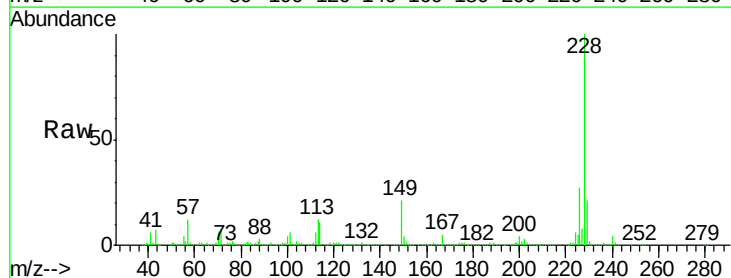
Tgt Ion:228 Resp: 904537

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.6

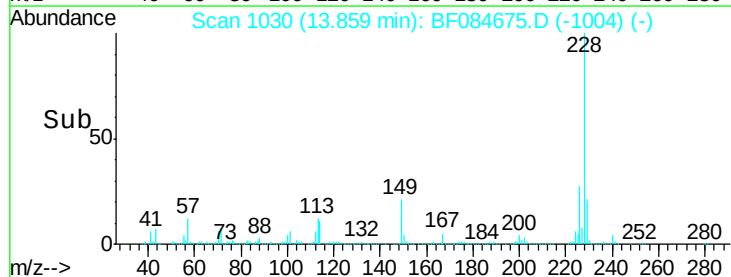
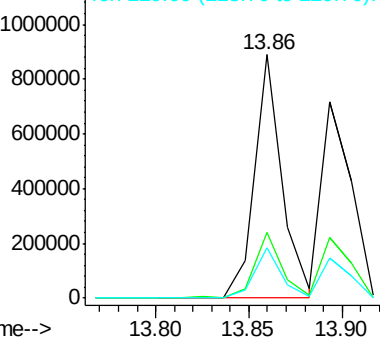
229 20.6 15.8 23.8

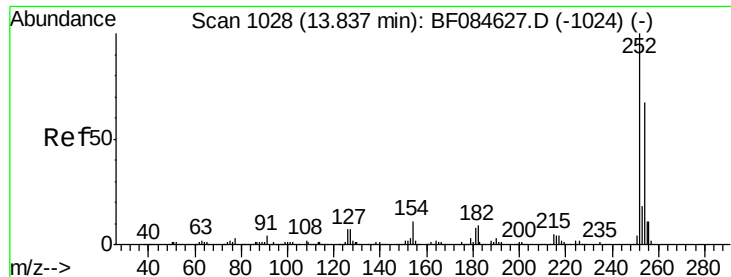


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

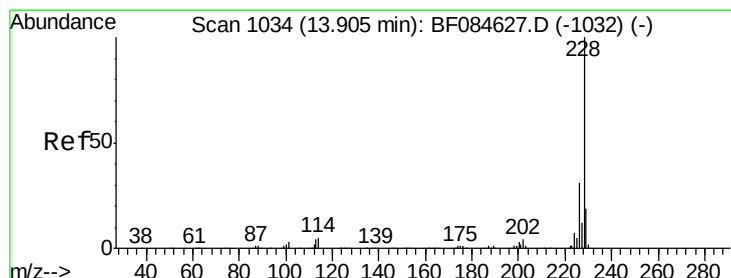
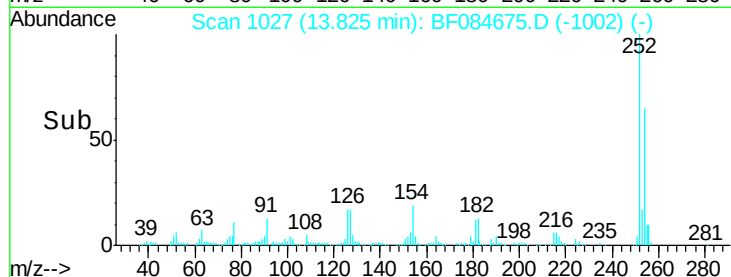
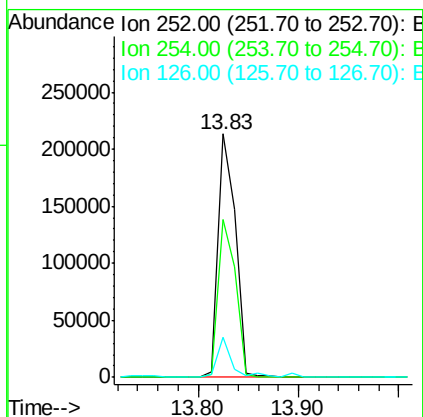
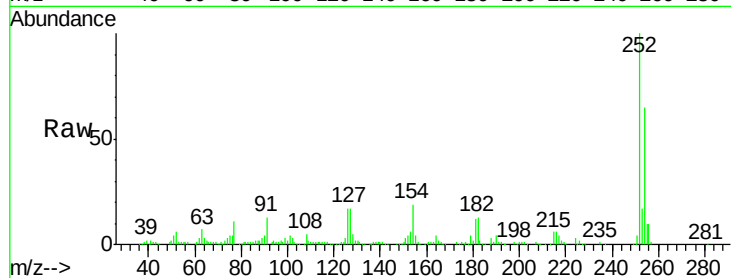




#81
 3,3'-Dichlorobenzidine
 Concen: 34.46 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

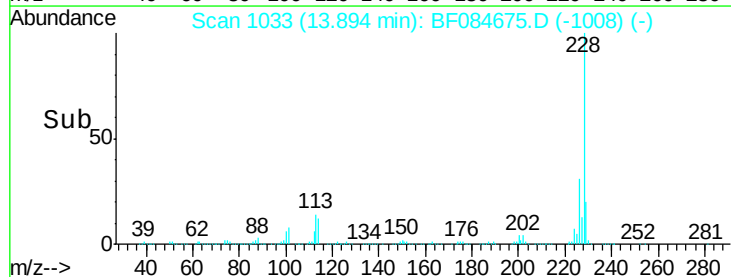
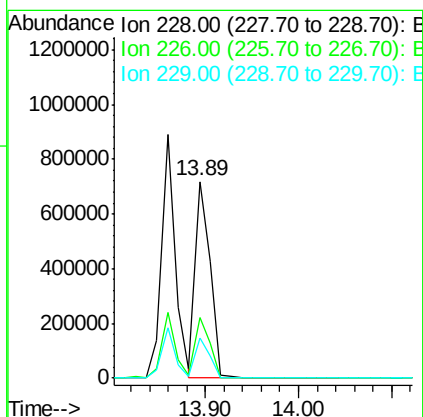
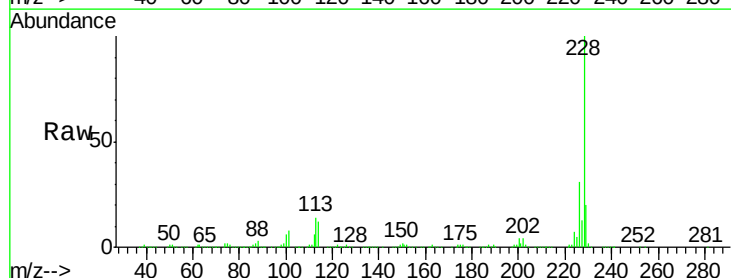
Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MS

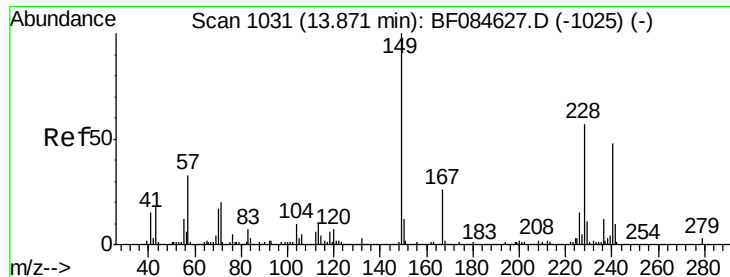
Tgt Ion: 252 Resp: 256175
 Ion Ratio Lower Upper
 252 100
 254 64.9 53.5 80.3
 126 16.5 4.9 7.3#



#82
 Chrysene
 Concen: 38.74 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Tgt Ion: 228 Resp: 806602
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.3 36.5
 229 20.1 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.72 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

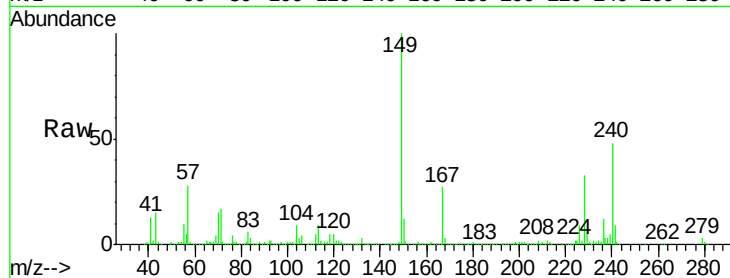
Tgt Ion:149 Resp: 704240

Ion Ratio Lower Upper

149 100

167 26.9 19.7 29.5

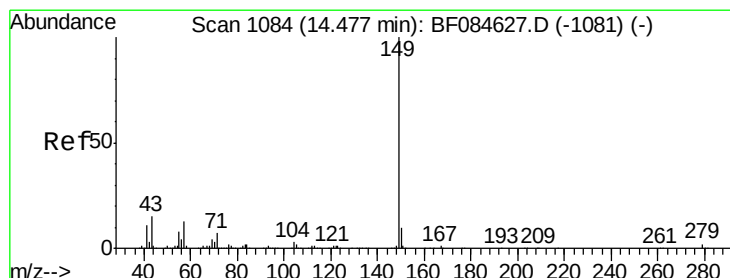
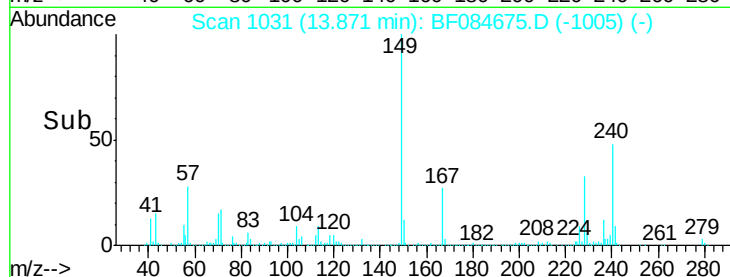
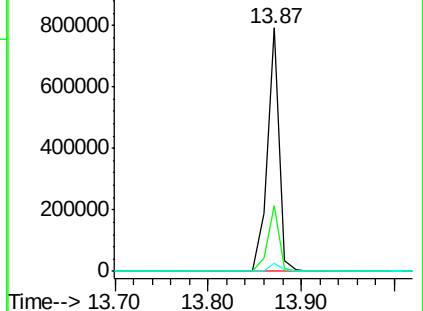
279 3.1 1.8 2.6#



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: 48.77 ng

RT: 14.48 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

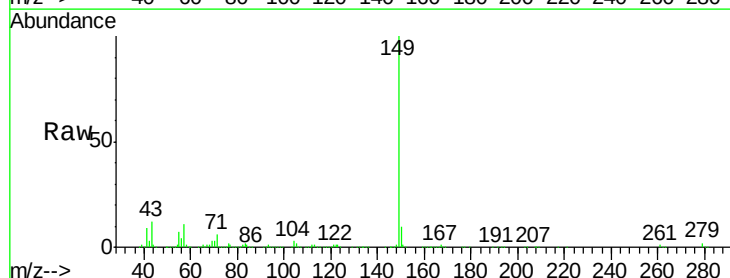
Tgt Ion:149 Resp: 1091416

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

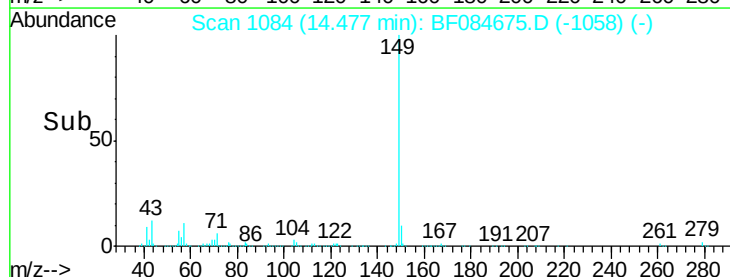
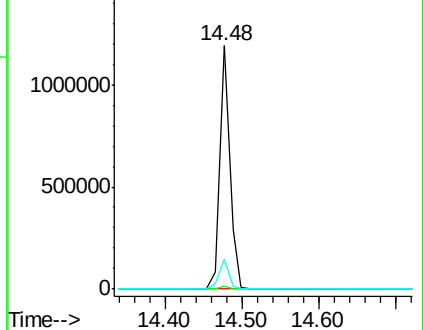
43 12.0 5.6 8.4#

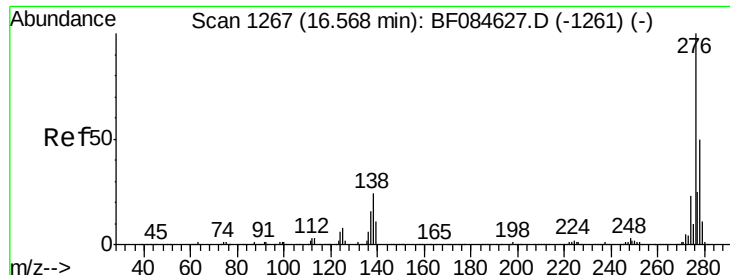


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

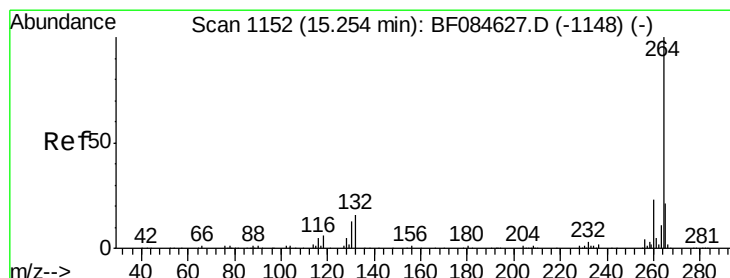
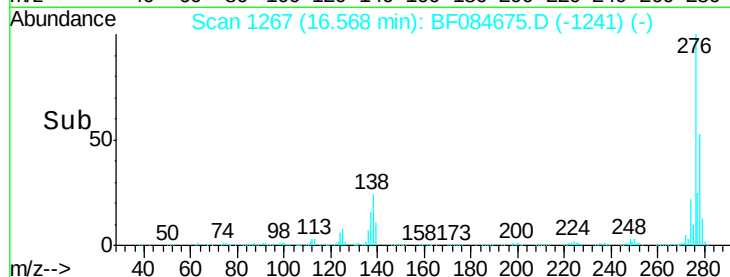
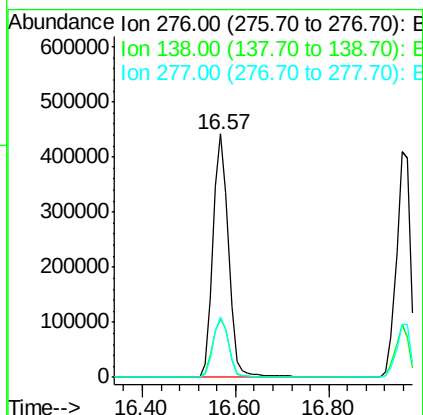
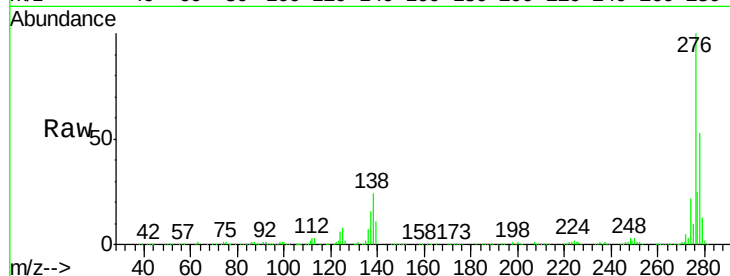




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.10 ng
 RT: 16.57 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

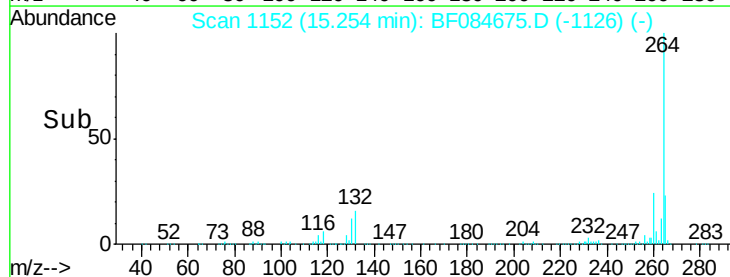
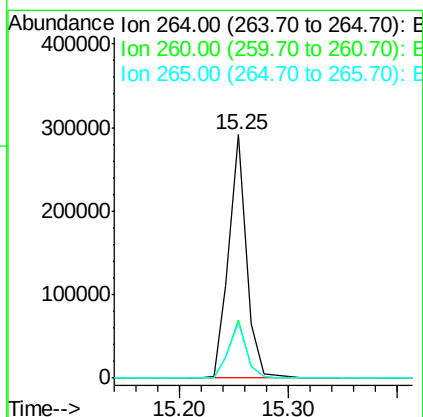
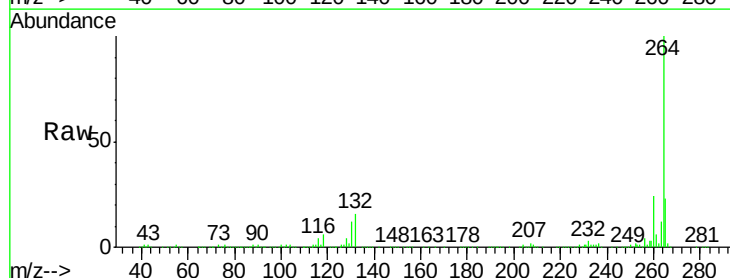
Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MS

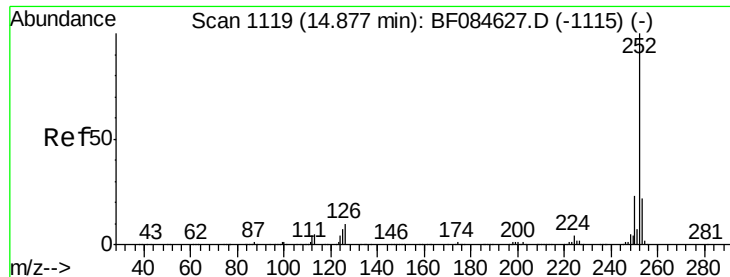
Tgt Ion: 276 Resp: 1032698
 Ion Ratio Lower Upper
 276 100
 138 25.2 20.6 30.8
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF084675.D
 Acq: 30 Jan 2016 10:13

Tgt Ion: 264 Resp: 332163
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 22.6 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 77.33 ng

RT: 14.90 min Scan# 1121

Delta R.T. 0.02 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

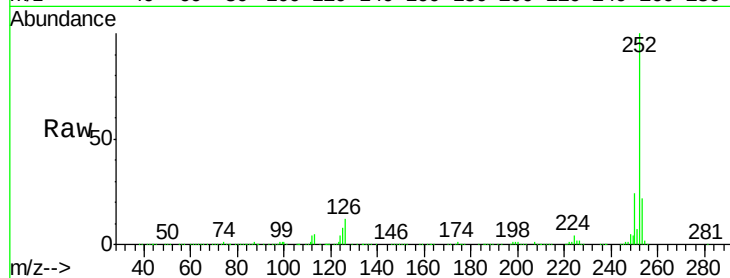
Tgt Ion:252 Resp: 1663226

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

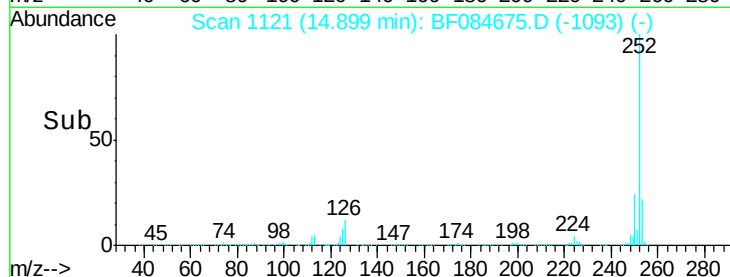
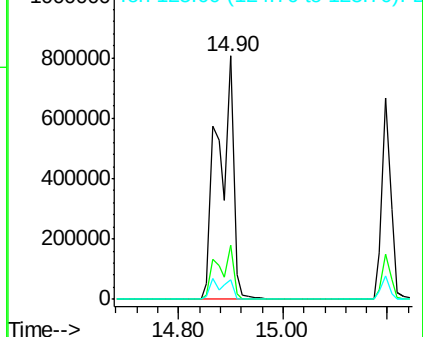
125 8.0 6.5 9.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 93.62 ng

RT: 14.90 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

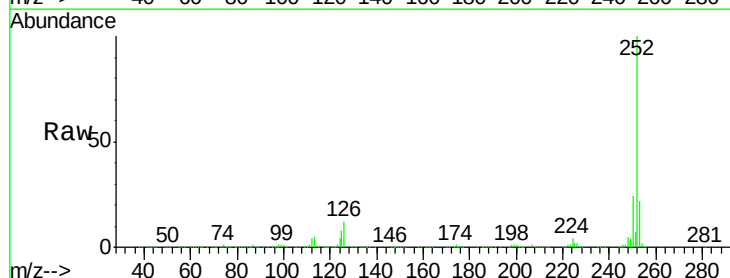
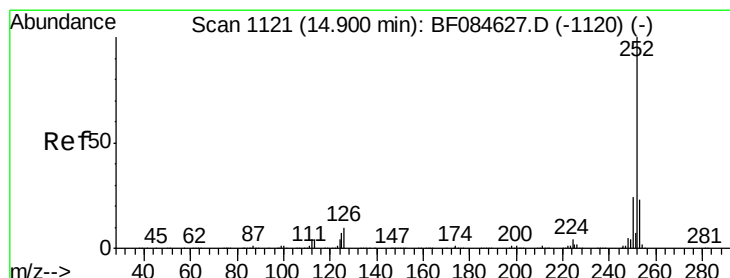
Tgt Ion:252 Resp: 1663226

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

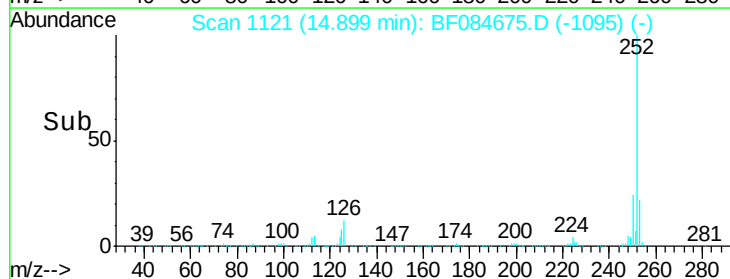
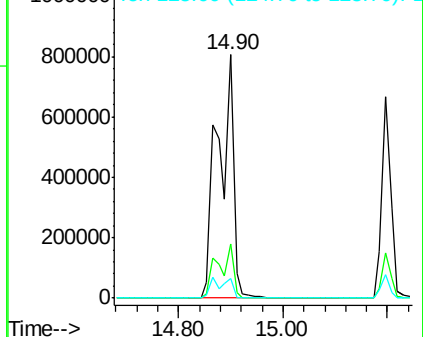
125 8.0 9.0 13.6#

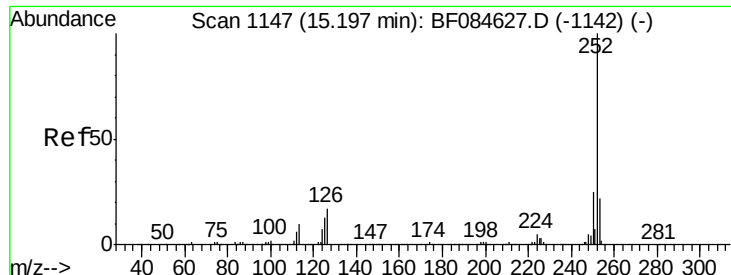


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.85 ng

RT: 15.20 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS

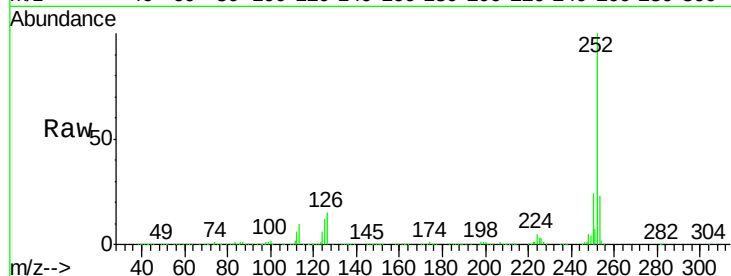
Tgt Ion:252 Resp: 797272

Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

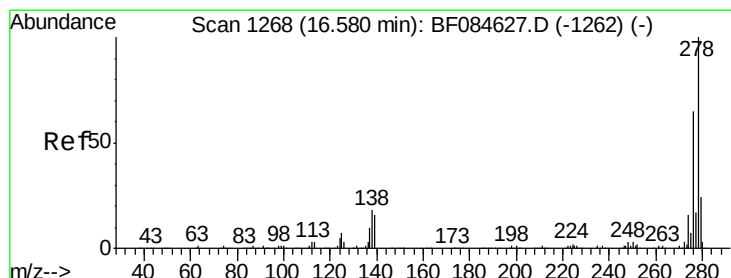
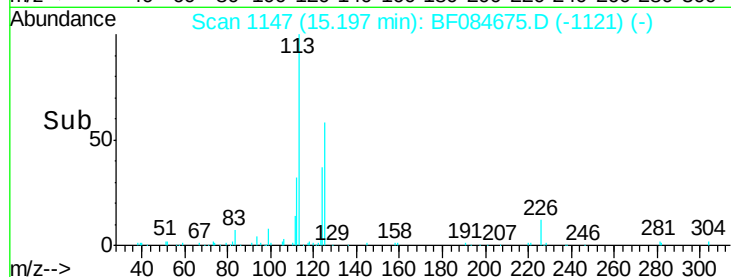
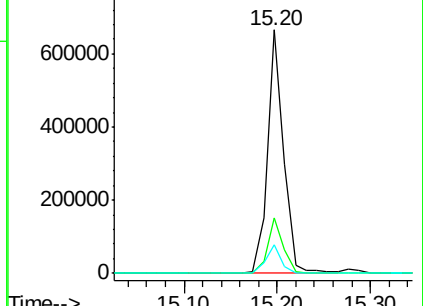
125 11.9 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.50 ng

RT: 16.58 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF084675.D

Acq: 30 Jan 2016 10:13

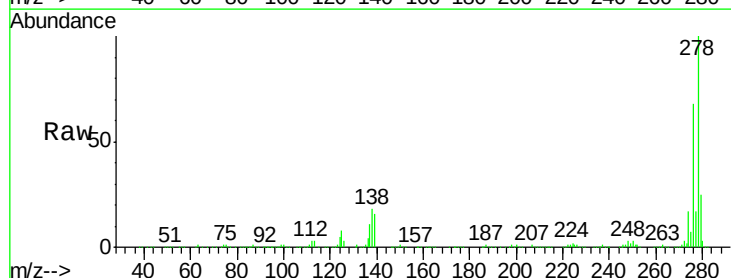
Tgt Ion:278 Resp: 846814

Ion Ratio Lower Upper

278 100

139 16.5 15.0 22.4

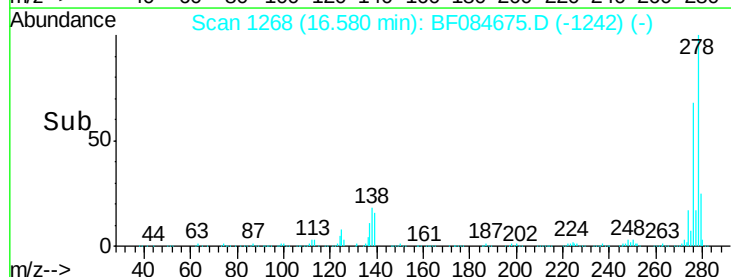
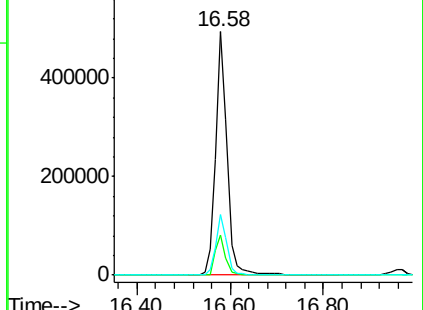
279 24.6 18.9 28.3

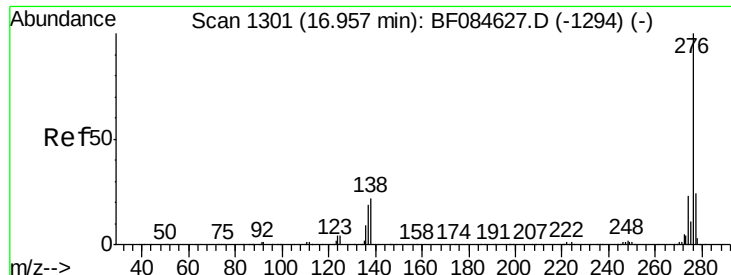


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 52.40 ng

RT: 16.96 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF084675.D

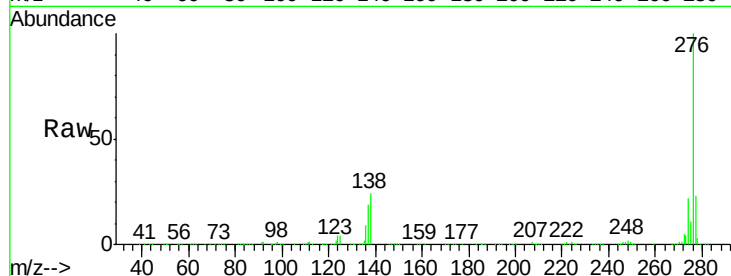
Acq: 30 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MS



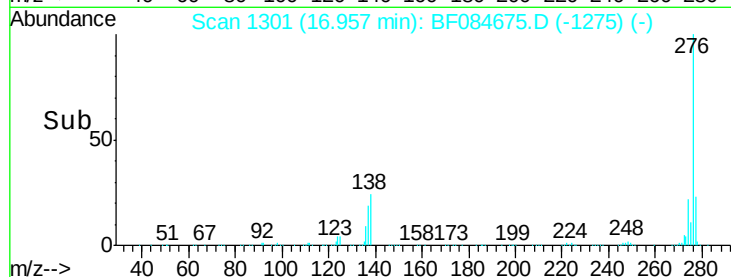
Tgt Ion: 276 Resp: 887060

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 23.6 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

