

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080654.D
 Acq On : 25 Jul 2015 6:59
 Operator : TP/UM
 Sample : G3079-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15MSD

Quant Time: Jul 27 01:15:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	47879	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	174802	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	93863	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	159777	20.00	ng	0.00
75) Chrysene-d12	14.04	240	40385	20.00	ng	-0.11
86) Perylene-d12	0.00	264	0	0.00	ng	-15.73

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	172058	60.51	ng	0.00
7) Phenol-d6	6.54	99	134577	39.63	ng	0.00
23) Nitrobenzene-d5	7.49	82	303328	87.15	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	107560	127.55	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	466692	76.71	ng	0.00
78) Terphenyl-d14	13.08	244	485831	259.03	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	19938	15.62	ng	96
3) Pyridine	3.29	79	38171	12.67	ng	91
4) n-Nitrosodimethylamine	3.16	42	33436	17.04	ng	94
6) Aniline	6.59	93	102870	21.41	ng	# 89
8) 2-Chlorophenol	6.70	128	100226	32.10	ng	97
9) Benzaldehyde	6.48	77	45492	20.51	ng	93
10) Phenol	6.56	94	52601	12.79	ng	98
11) bis(2-Chloroethyl)ether	6.66	93	125562	41.51	ng	100
12) 1,3-Dichlorobenzene	6.86	146	118393	35.10	ng	98
13) 1,4-Dichlorobenzene	6.94	146	123814	35.45	ng	98
14) 1,2-Dichlorobenzene	7.10	146	124715	36.31	ng	100
15) Benzyl Alcohol	7.06	79	75858	26.88	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	203798	39.66	ng	97
17) 2-Methylphenol	7.17	107	69357	27.92	ng	98
18) Hexachloroethane	7.45	117	58801	43.05	ng	98
19) n-Nitroso-di-n-propylamine	7.33	70	86332	35.23	ng	96
20) 3+4-Methylphenols	7.33	107	74392	23.10	ng	# 37
22) Acetophenone	7.33	105	187525	41.31	ng	90
24) Nitrobenzene	7.50	77	131030	37.77	ng	98
25) Isophorone	7.74	82	213767	35.02	ng	99
26) 2-Nitrophenol	7.84	139	48284	38.15	ng	98
27) 2,4-Dimethylphenol	7.86	122	91711	36.16	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	144537	40.85	ng	99
29) 2,4-Dichlorophenol	8.06	162	87074	36.00	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	100634	35.07	ng	99
31) Naphthalene	8.24	128	342353	39.09	ng	99
32) Benzoic acid	7.90	122	13704	14.40	ng	96
33) 4-Chloroaniline	8.28	127	106015	27.56	ng	98
34) Hexachlorobutadiene	8.36	225	68989	34.80	ng	100
35) Caprolactam	8.65	113	4755	6.87	ng	# 11
36) 4-Chloro-3-methylphenol	8.75	107	92557	35.66	ng	99
37) 2-Methylnaphthalene	8.93	142	264347	42.35	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	98356	36.28	ng	99
40) Hexachlorocyclopentadiene	9.09	237	108713	67.44	ng	99

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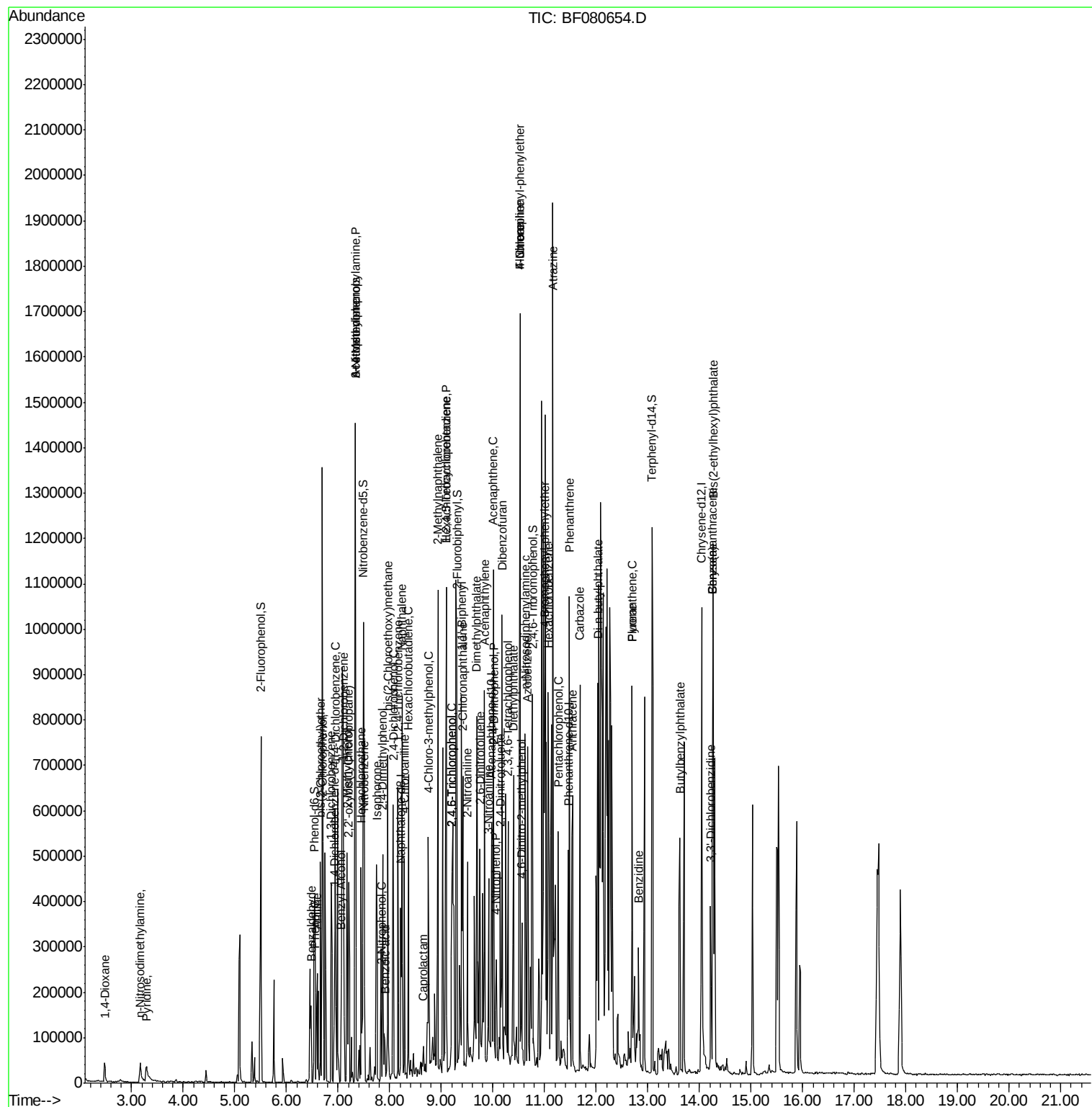
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	68037	36.79	ng	96
43) 2,4,5-Trichlorophenol	9.21	196	68037	35.12	ng #	92
45) 1,1'-Biphenyl	9.39	154	247593	37.75	ng	99
46) 2-Chloronaphthalene	9.41	162	201477	36.73	ng	98
47) 2-Nitroaniline	9.50	65	72668	43.21	ng	95
48) Acenaphthylene	9.84	152	344780	37.15	ng	99
49) Dimethylphthalate	9.69	163	252684	37.64	ng	99
50) 2,6-Dinitrotoluene	9.74	165	49174	41.03	ng	95
51) Acenaphthene	10.01	154	244735	43.42	ng	98
52) 3-Nitroaniline	9.92	138	46279	32.45	ng	99
53) 2,4-Dinitrophenol	10.02	184	52393	81.29	ng #	83
54) Dibenzofuran	10.18	168	309178	38.44	ng	98
55) 4-Nitrophenol	10.06	139	32864	29.19	ng	93
56) 2,4-Dinitrotoluene	10.14	165	63690	40.20	ng #	94
57) Fluorene	10.52	166	241210	38.09	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.29	232	58557	37.88	ng #	99
59) Diethylphthalate	10.40	149	254858	38.19	ng	99
60) 4-Chlorophenyl-phenylether	10.52	204	102602	36.46	ng	96
61) 4-Nitroaniline	10.52	138	49830	35.91	ng	98
62) Azobenzene	10.67	77	238887	37.40	ng	99
64) 4,6-Dinitro-2-methylphenol	10.56	198	35603	43.14	ng	93
65) n-Nitrosodiphenylamine	10.62	169	187576	38.31	ng	98
66) 4-Bromophenyl-phenylether	11.00	248	58925	39.15	ng	95
67) Hexachlorobenzene	11.07	284	69350	37.82	ng #	95
68) Atrazine	11.16	200	59176	41.58	ng	94
69) Pentachlorophenol	11.26	266	77359	84.59	ng	99
70) Phenanthrene	11.48	178	345714	39.20	ng	99
71) Anthracene	11.54	178	330528	38.86	ng	100
72) Carbazole	11.69	167	310019	40.24	ng	100
73) Di-n-butylphthalate	12.03	149	396061	41.50	ng	98
74) Fluoranthene	12.69	202	335469	39.36	ng	95
76) Benzidine	12.82	184	86520	63.02	ng	100
77) Pyrene	12.69	202	335469	132.63	ng	99
79) Butylbenzylphthalate	13.62	149	157430	143.90	ng	89
80) Benzo(a)anthracene	14.26	228	337215	142.31	ng	99
81) 3,3'-Dichlorobenzidine	14.21	252	81853	106.24	ng	99
82) Chrysene	14.26	228	337215	151.93	ng	96
83) Bis(2-ethylhexyl)phthalate	14.27	149	221191	134.17	ng	100

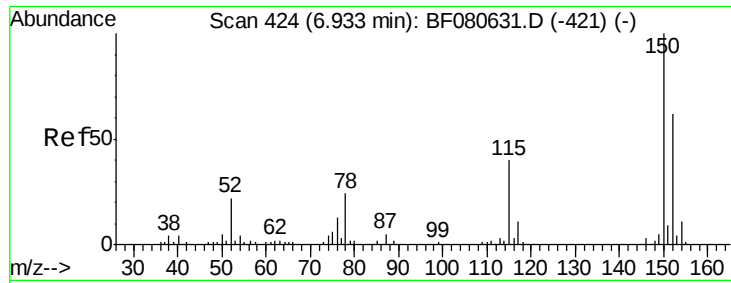
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15MSD

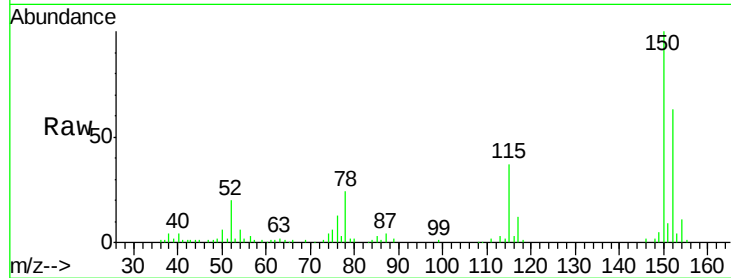
Tgt Ion:152 Resp: 47879

Ion Ratio Lower Upper

152 100

150 158.0 128.9 193.3

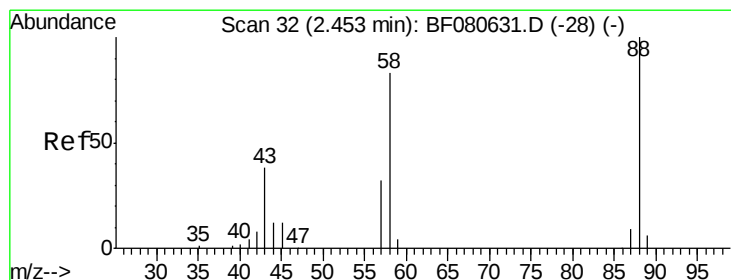
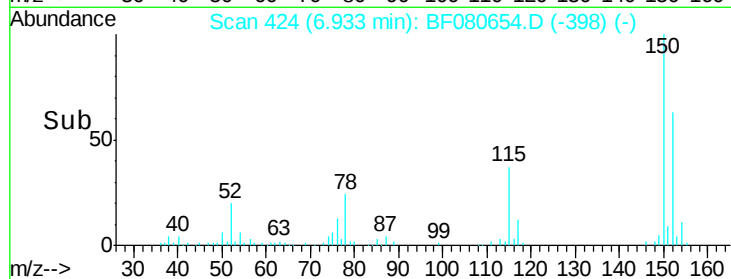
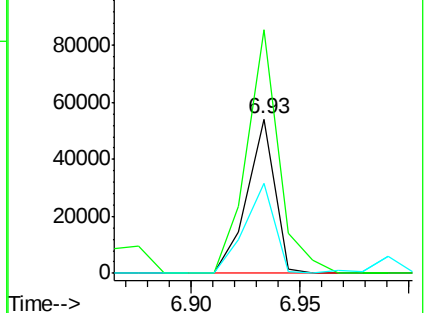
115 58.3 51.0 76.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 15.62 ng

RT: 2.48 min Scan# 34

Delta R.T. 0.02 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

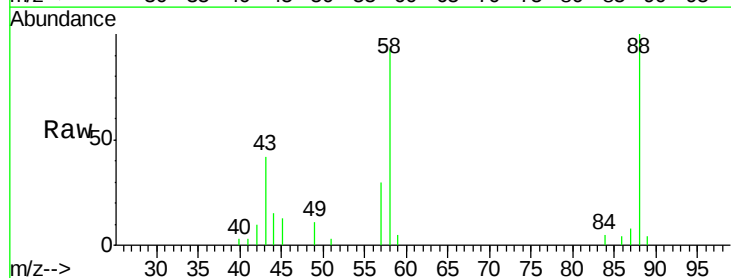
Tgt Ion: 88 Resp: 19938

Ion Ratio Lower Upper

88 100

58 88.1 67.7 101.5

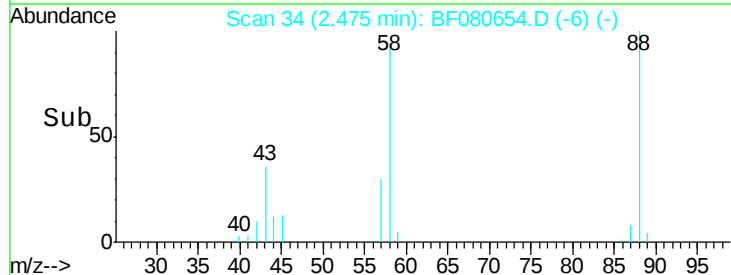
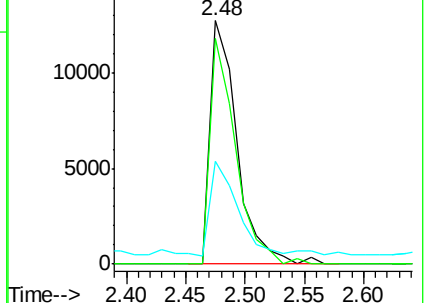
43 36.6 30.9 46.3

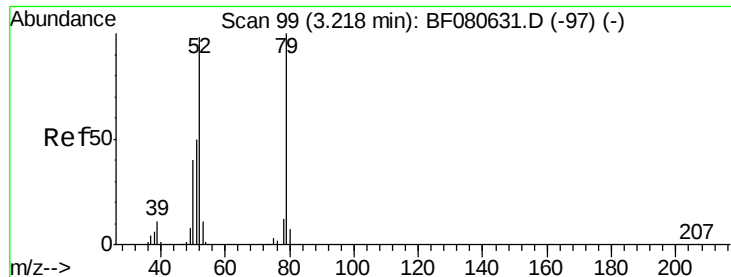


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 12.67 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.07 min

Lab File: BF080654.D

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Instrument :

BNA_F

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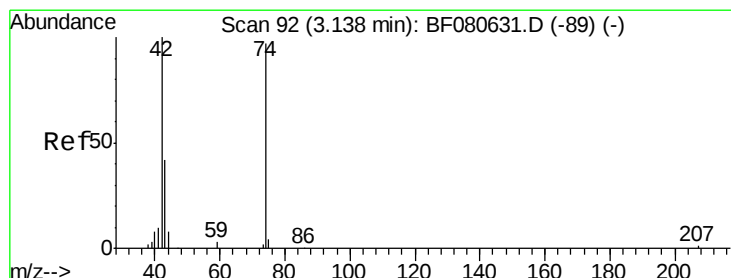
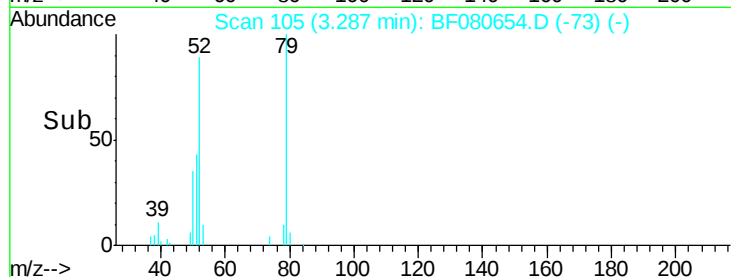
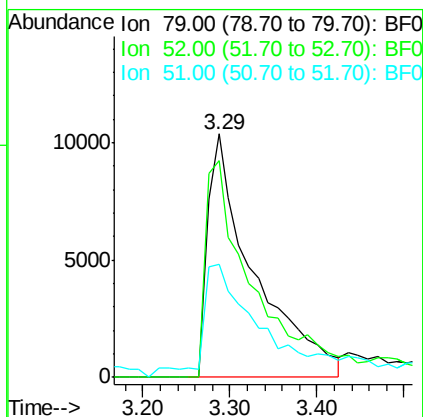
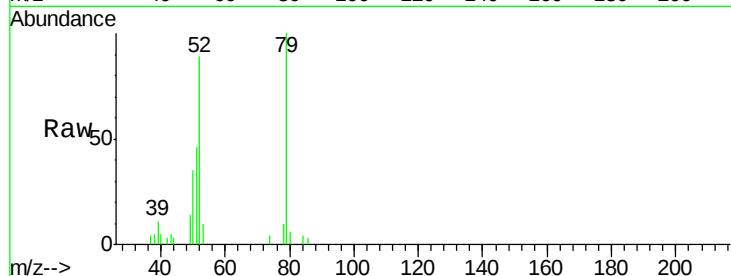
Tgt Ion: 79 Resp: 38171

Ion Ratio Lower Upper

79 100

52 89.3 78.8 118.2

51 46.5 41.4 62.2



#4

n-Nitrosodimethylamine

Concen: 17.04 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.02 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

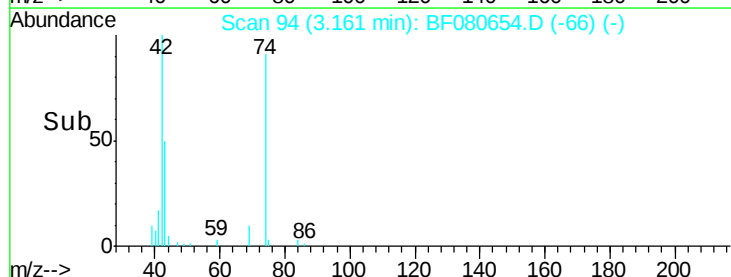
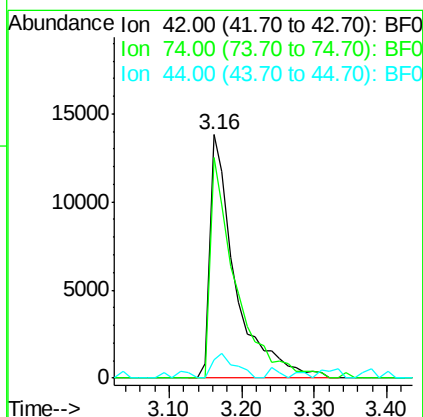
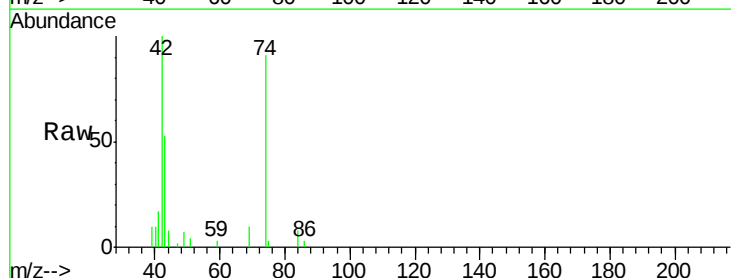
Tgt Ion: 42 Resp: 33436

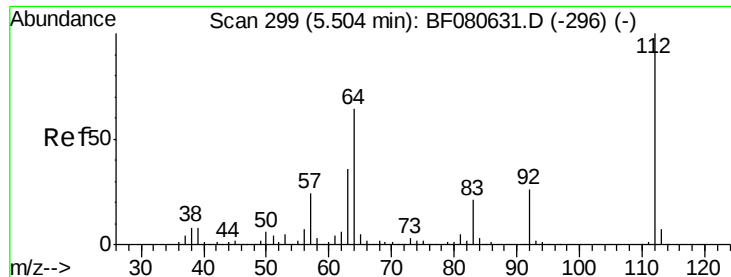
Ion Ratio Lower Upper

42 100

74 90.7 77.8 116.6

44 7.5 6.2 9.4





#5

2-Fluorophenol

Concen: 60.51 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

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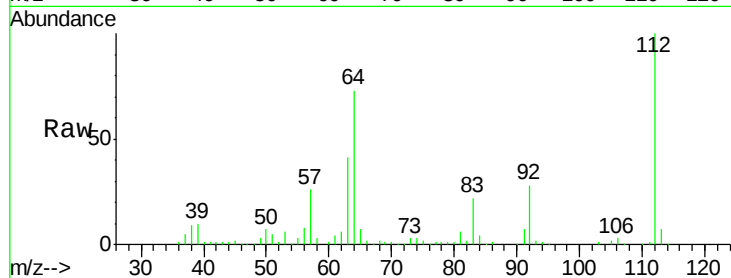
Tgt Ion: 112 Resp: 172058

Ion Ratio Lower Upper

112 100

64 72.8 51.2 76.8

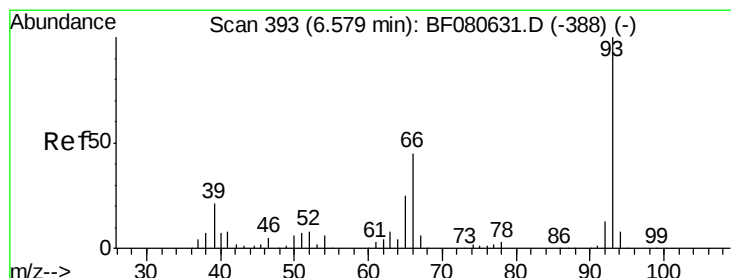
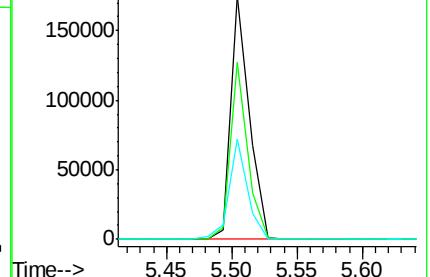
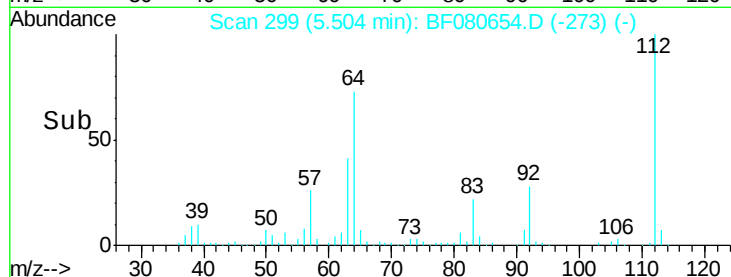
63 41.1 29.0 43.6



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: 21.41 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

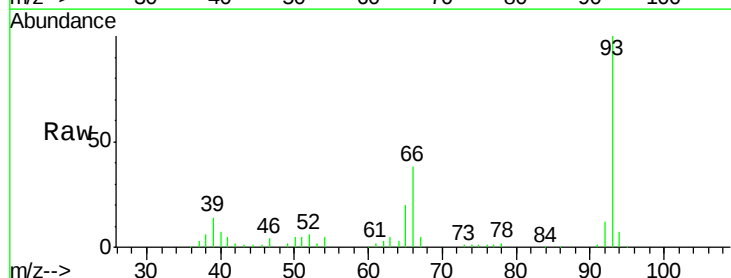
Tgt Ion: 93 Resp: 102870

Ion Ratio Lower Upper

93 100

66 37.8 36.3 54.5

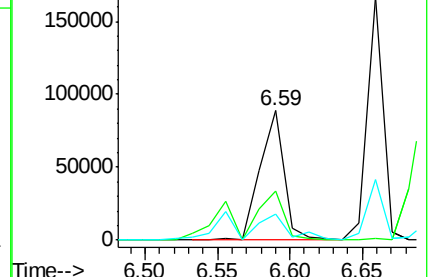
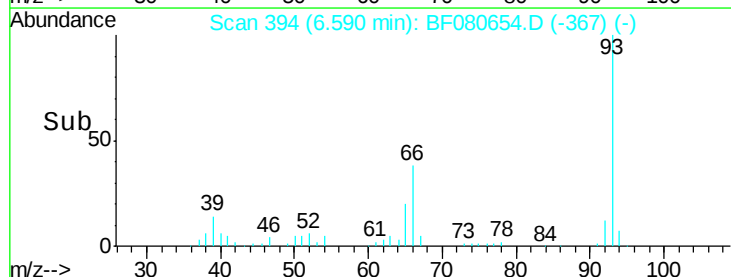
65 19.9 19.9 29.9#

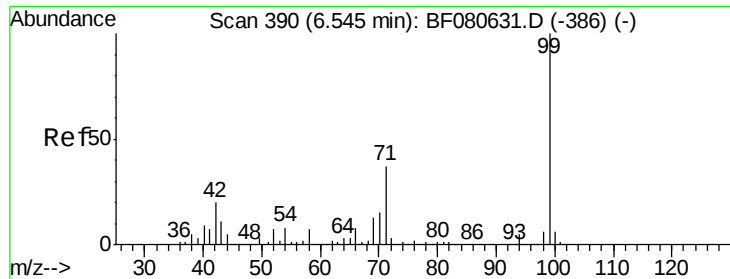


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 39.63 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

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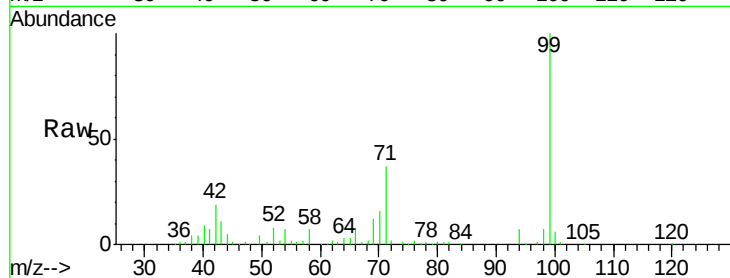
Tgt Ion: 99 Resp: 134577

Ion Ratio Lower Upper

99 100

42 19.2 16.3 24.5

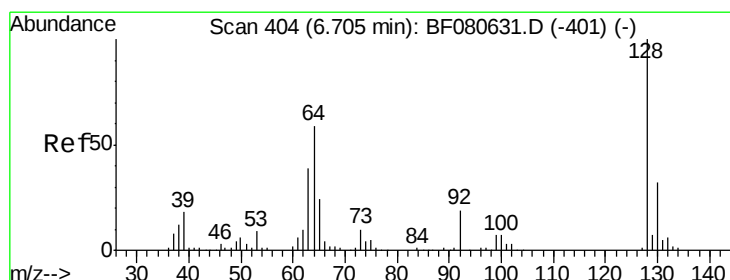
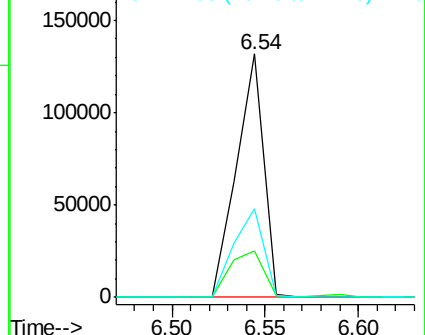
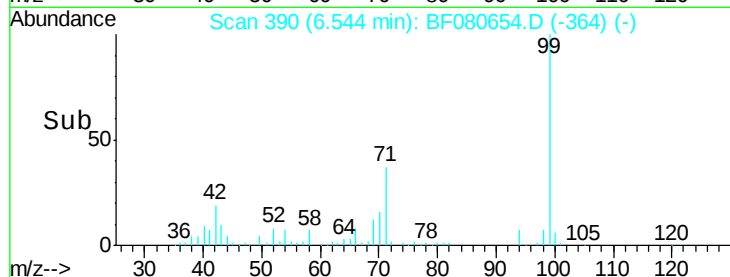
71 36.6 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 32.10 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

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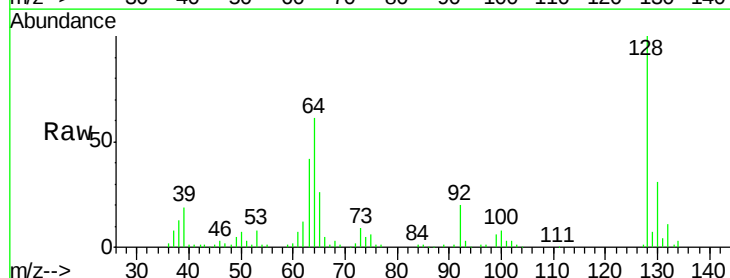
Tgt Ion: 128 Resp: 100226

Ion Ratio Lower Upper

128 100

130 31.3 12.3 52.3

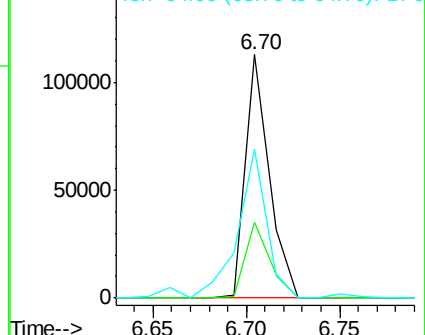
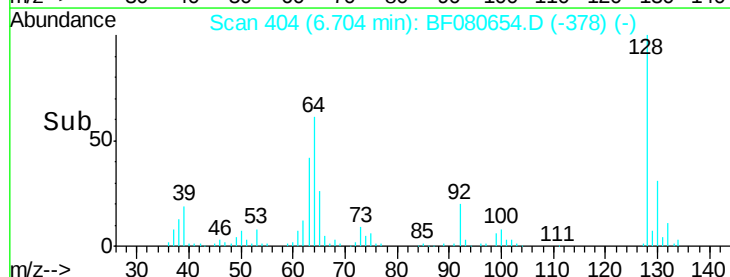
64 61.2 38.9 78.9

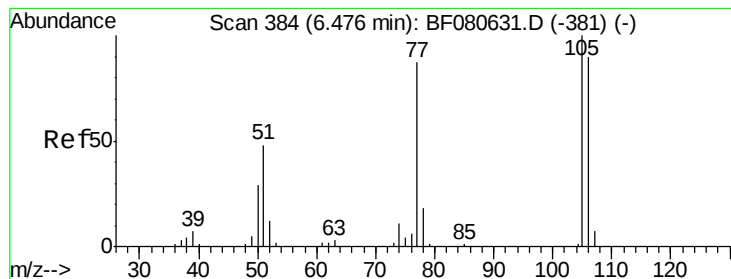


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 20.51 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

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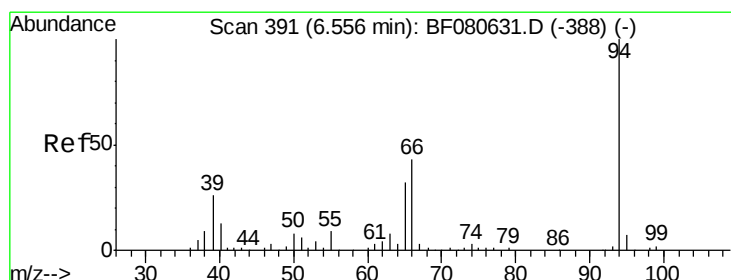
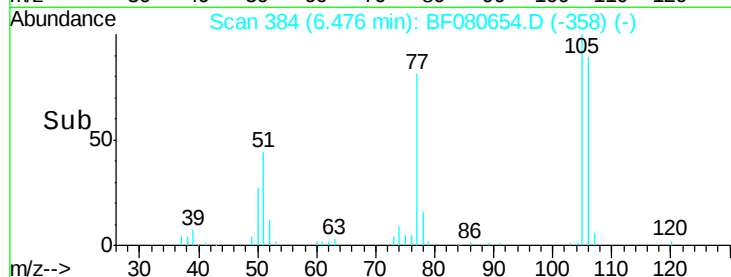
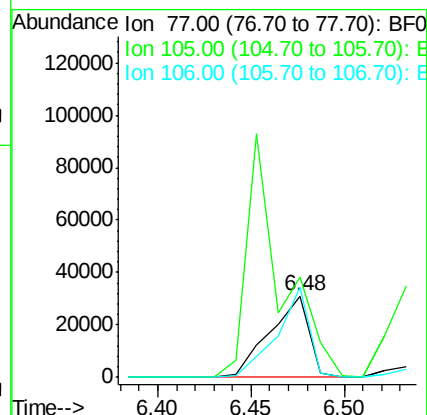
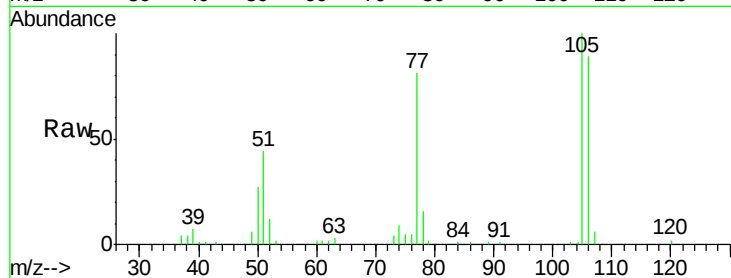
Tgt Ion: 77 Resp: 45492

Ion Ratio Lower Upper

77 100

105 123.4 94.7 134.7

106 109.4 83.4 123.4



#10

Phenol

Concen: 12.79 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

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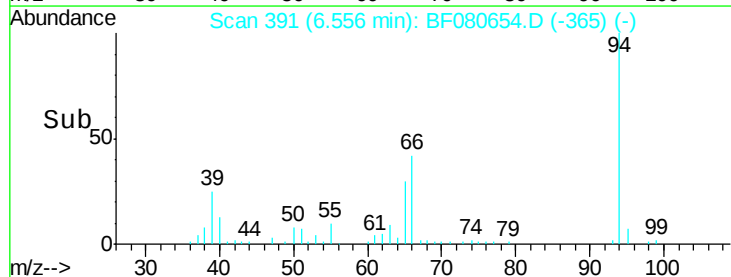
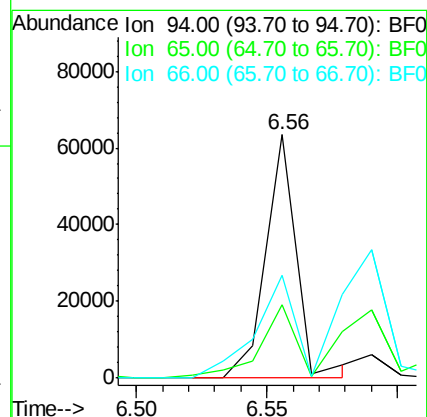
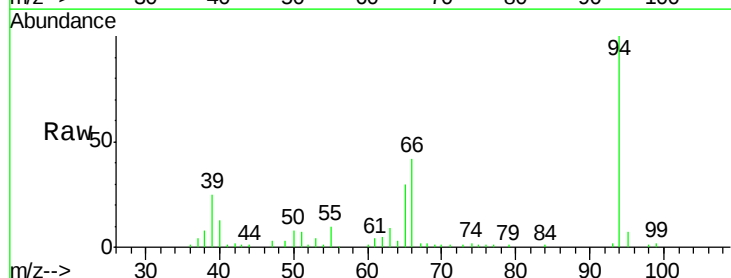
Tgt Ion: 94 Resp: 52601

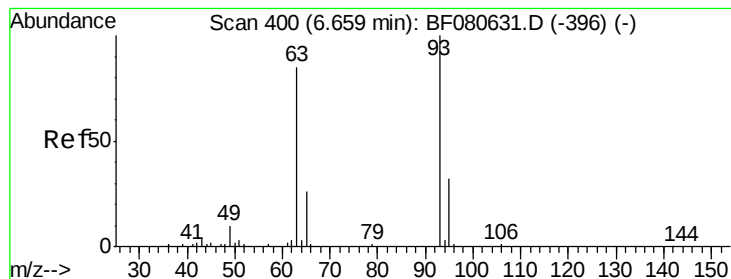
Ion Ratio Lower Upper

94 100

65 30.3 12.5 52.5

66 42.1 22.8 62.8





#11

bis(2-Chloroethyl)ether

Concen: 41.51 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15MSD

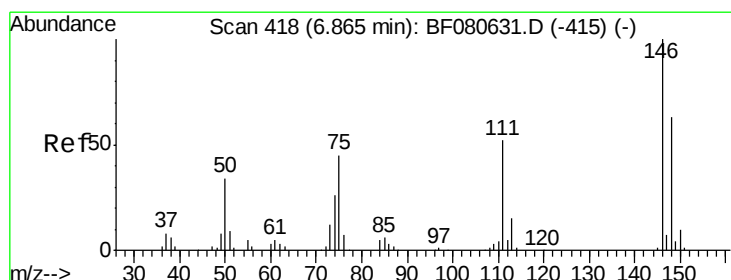
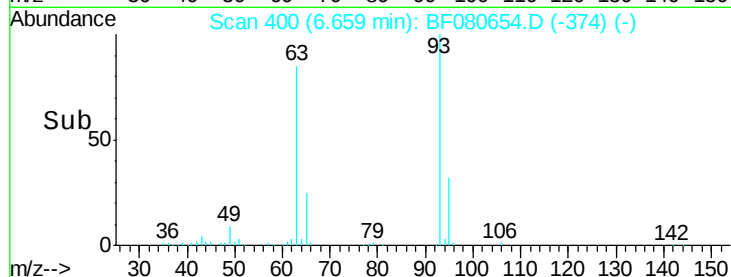
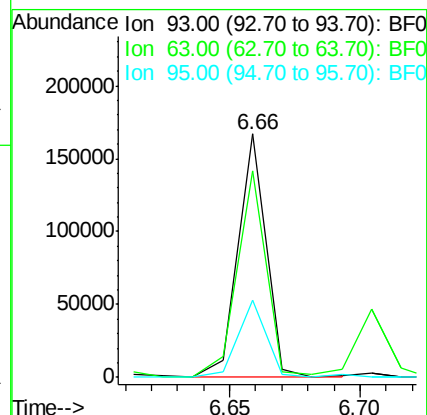
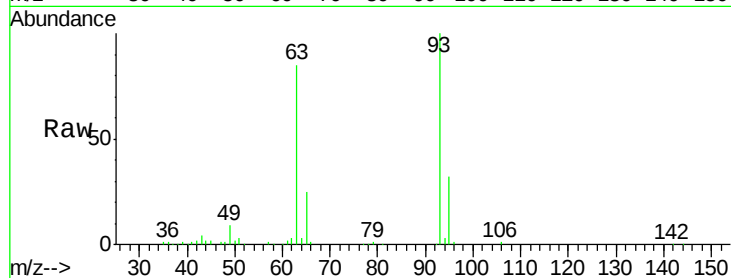
Tgt Ion: 93 Resp: 125562

Ion Ratio Lower Upper

93 100

63 85.1 65.1 105.1

95 31.9 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 35.10 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

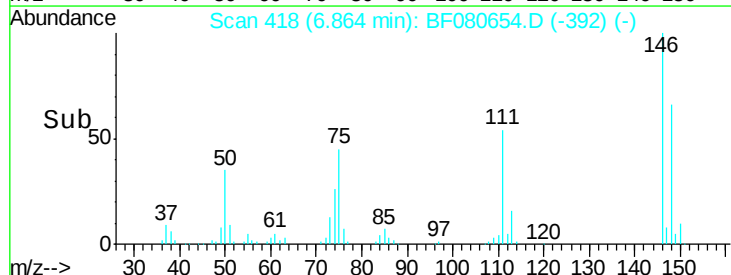
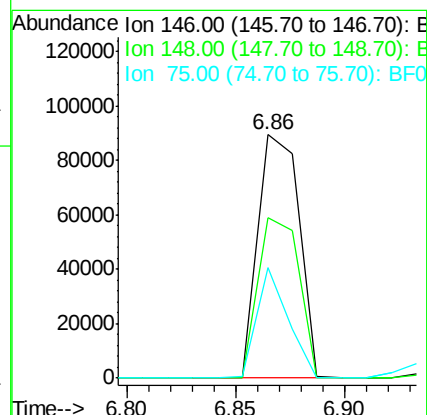
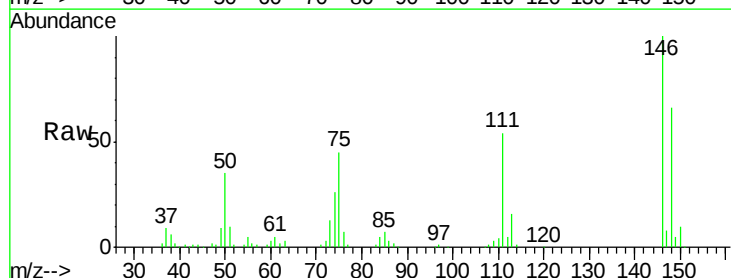
Tgt Ion: 146 Resp: 118393

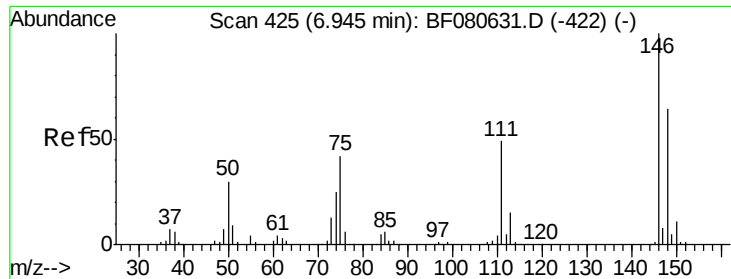
Ion Ratio Lower Upper

146 100

148 65.7 50.2 75.2

75 45.5 36.3 54.5

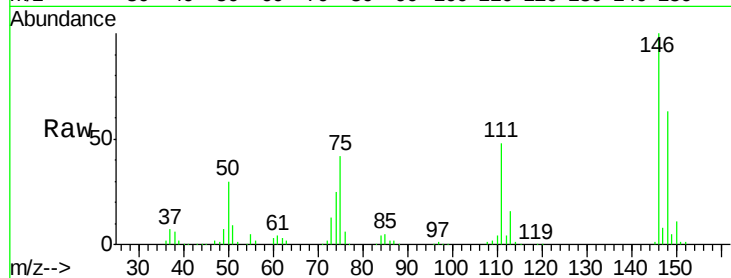




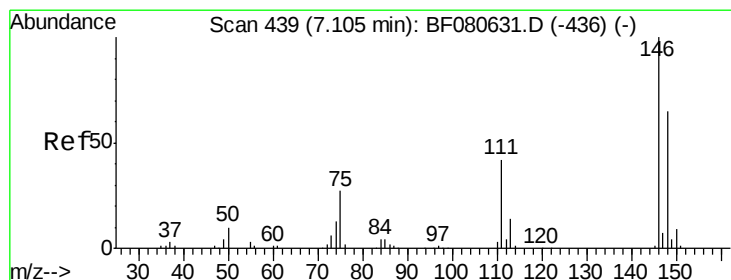
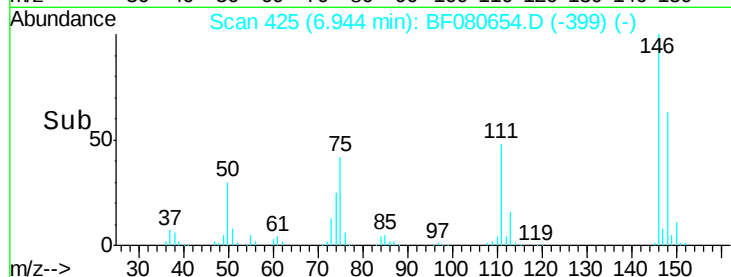
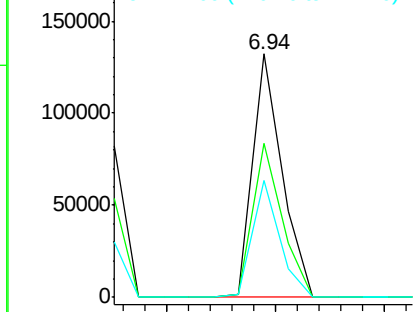
#13
 1,4-Dichlorobenzene
 Concen: 35.45 ng
 RT: 6.94 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15MSD

Tgt Ion:146 Resp: 123814
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.4 77.2
 111 47.8 39.5 59.3

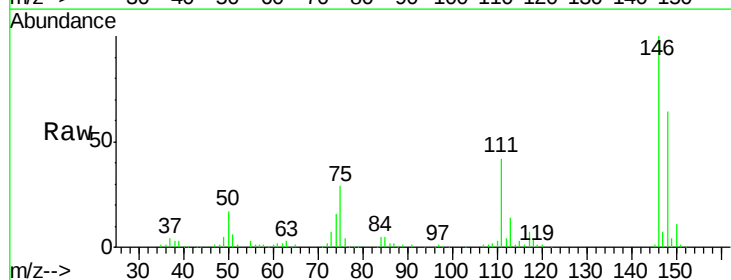


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

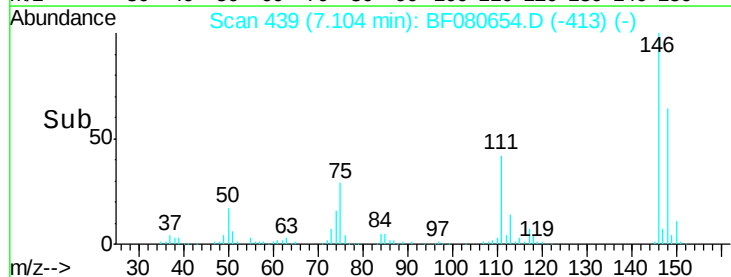
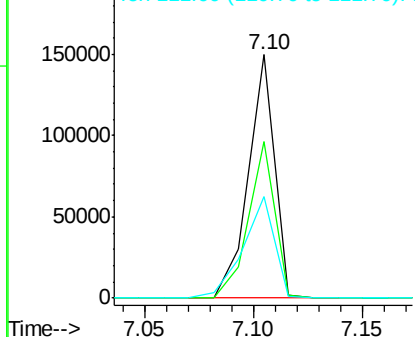


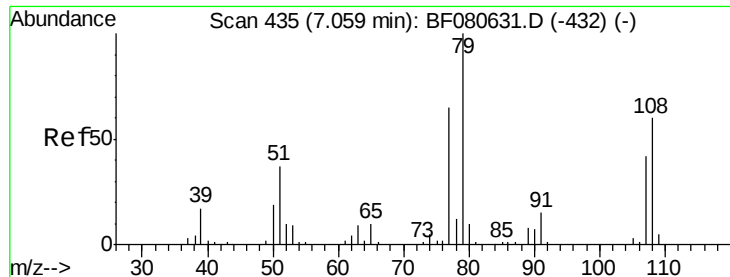
#14
 1,2-Dichlorobenzene
 Concen: 36.31 ng
 RT: 7.10 min Scan# 439
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

Tgt Ion:146 Resp: 124715
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.6 77.4
 111 41.9 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 26.88 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15MSD

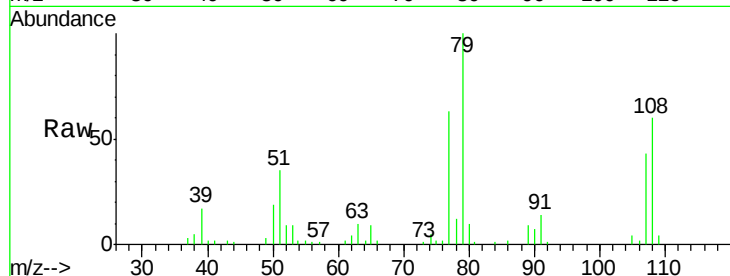
Tgt Ion: 79 Resp: 75858

Ion Ratio Lower Upper

79 100

108 59.7 47.8 71.8

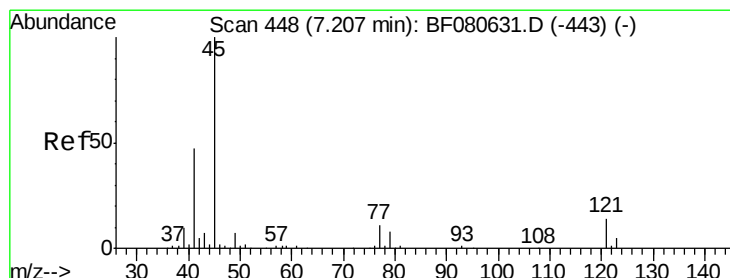
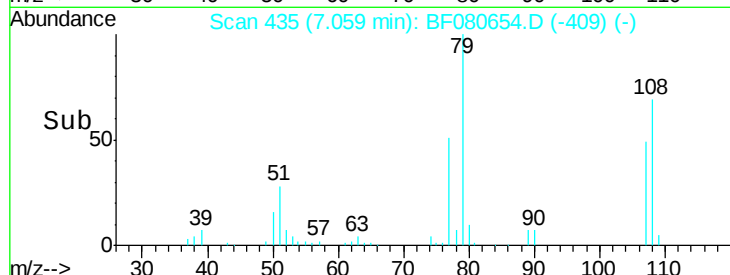
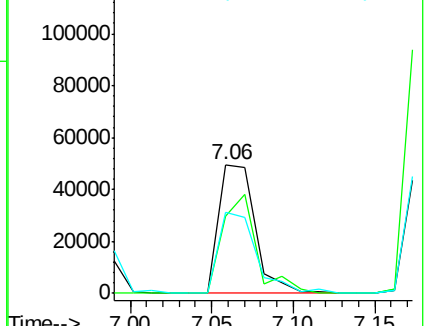
77 62.7 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.66 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

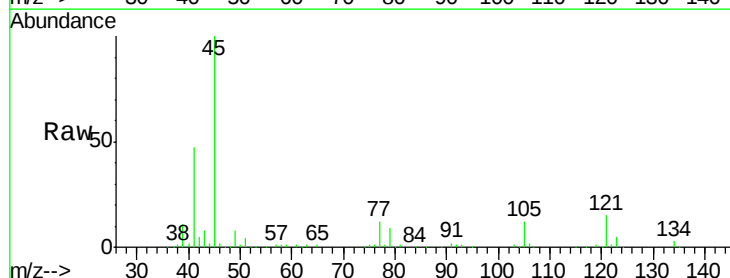
Tgt Ion: 45 Resp: 203798

Ion Ratio Lower Upper

45 100

77 11.8 0.0 31.0

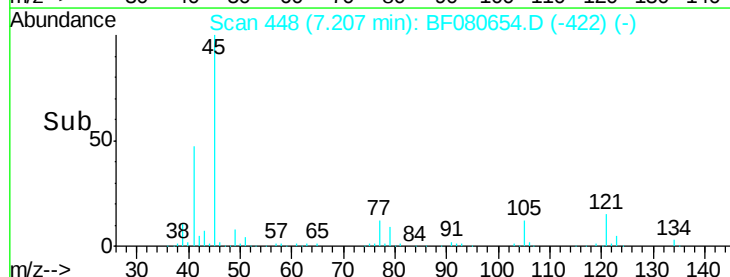
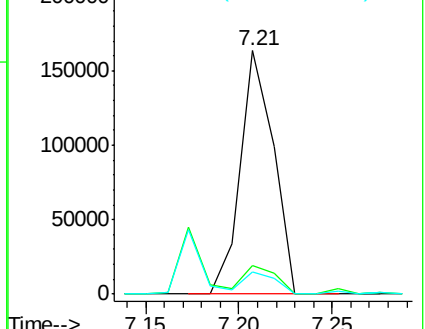
79 9.2 0.0 27.8

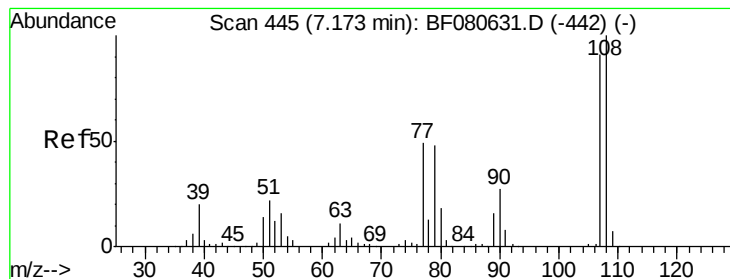


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

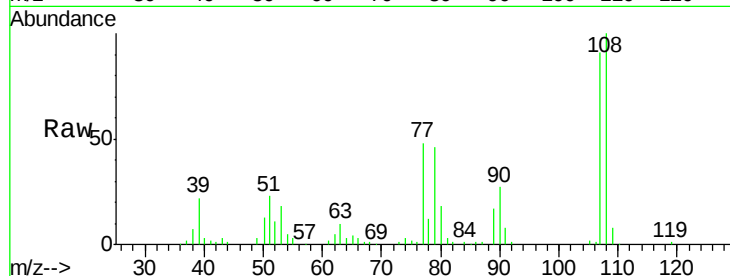




#17
 2-Methylphenol
 Concen: 27.92 ng
 RT: 7.17 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	69357		
108	109.3		88.4	132.6
77	52.4		43.0	64.4
79	50.5		42.2	63.2



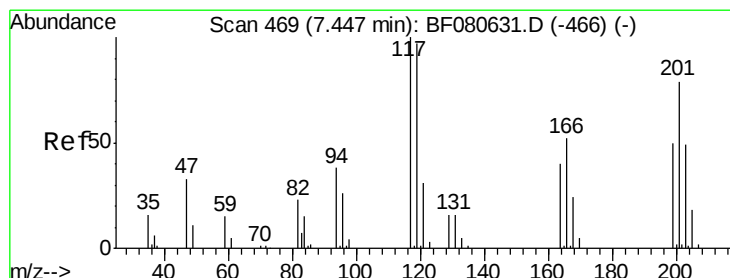
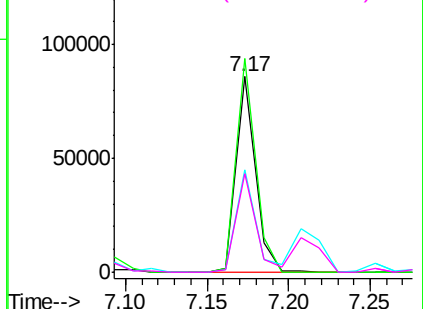
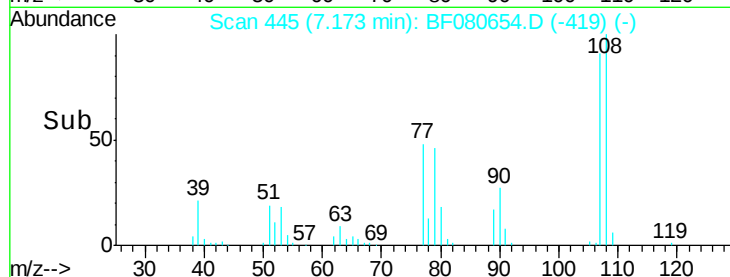
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

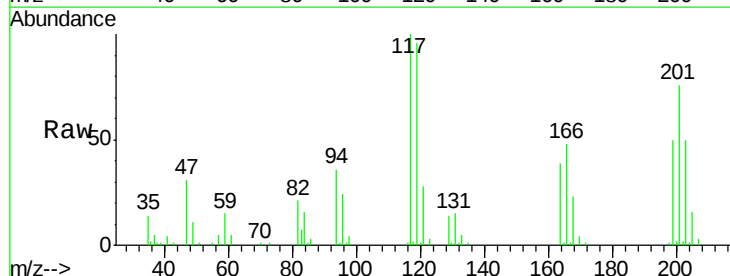
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
 Hexachloroethane
 Concen: 43.05 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	58801		
119	95.7		77.4	116.2
201	75.9		62.9	94.3

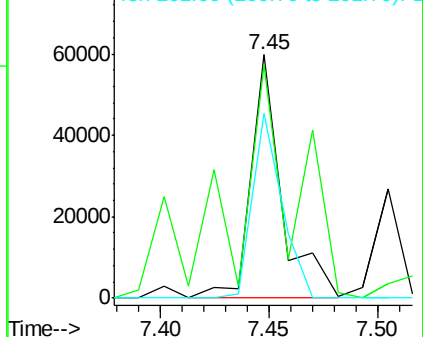
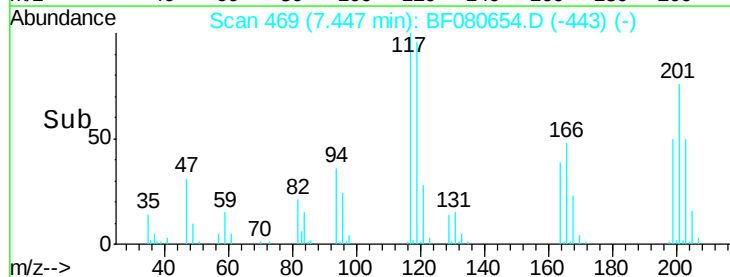


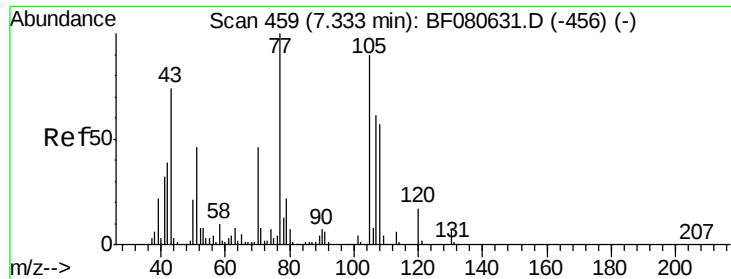
Abundance

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

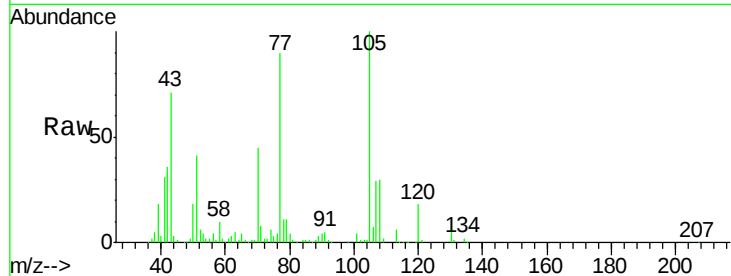




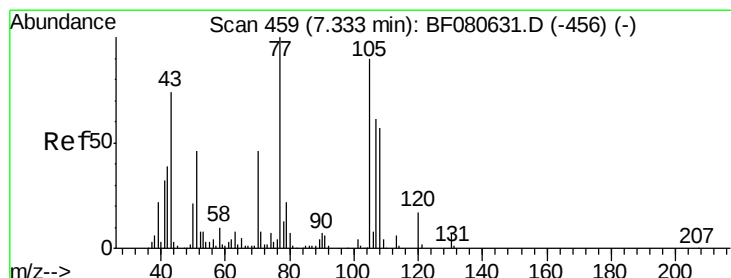
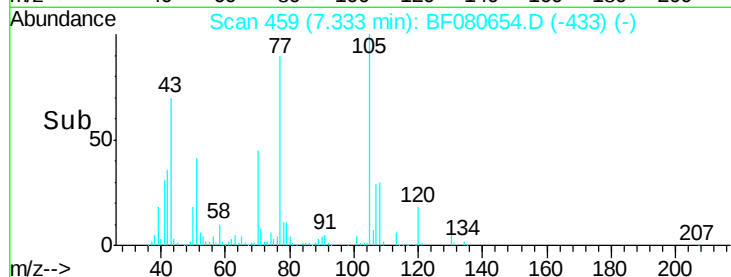
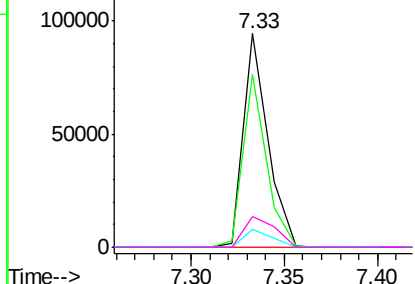
#19
n-Nitroso-di-n-propylamine
Concen: 35.23 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080654.D
Acq: 25 Jul 2015 6:59

Instrument :
BNA_F
ClientSampleId :
MW-6-7-22-15MSD

Tgt Ion: 70 Resp: 86332
Ion Ratio Lower Upper
70 100
42 80.9 67.8 101.8
101 8.1 6.6 9.8
130 14.6 11.4 17.0



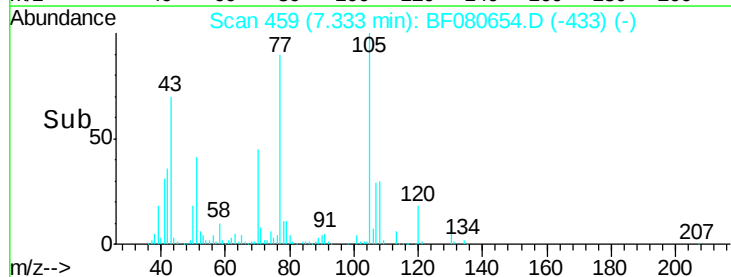
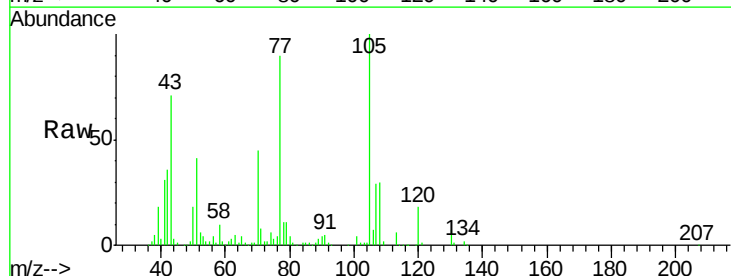
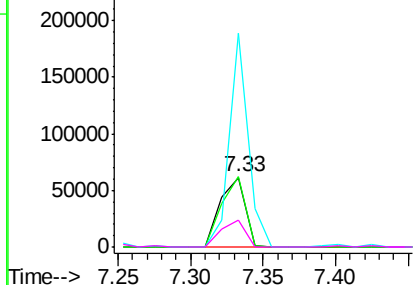
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

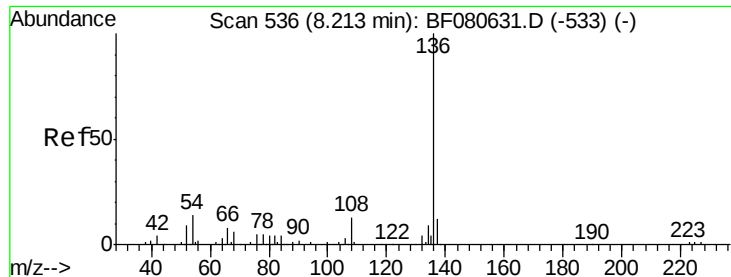


#20
3+4-Methylphenols
Concen: 23.10 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080654.D
Acq: 25 Jul 2015 6:59

Tgt Ion: 107 Resp: 74392
Ion Ratio Lower Upper
107 100
108 101.0 73.5 113.5
77 307.1 142.7 182.7#
79 37.9 15.7 55.7

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15MSD

Tgt Ion:136 Resp: 174802

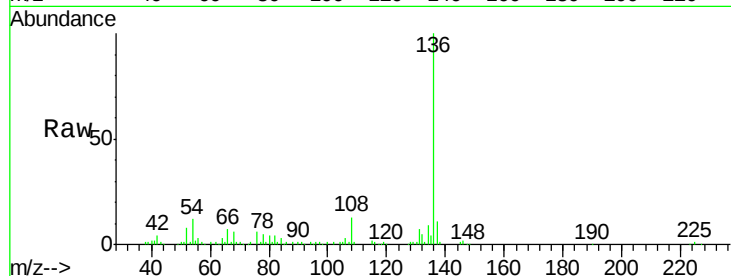
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 12.4 11.6 17.4

68 6.3 5.0 7.4

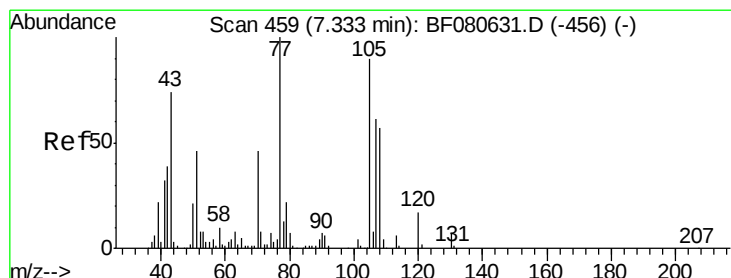
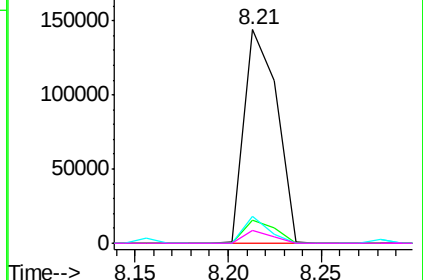
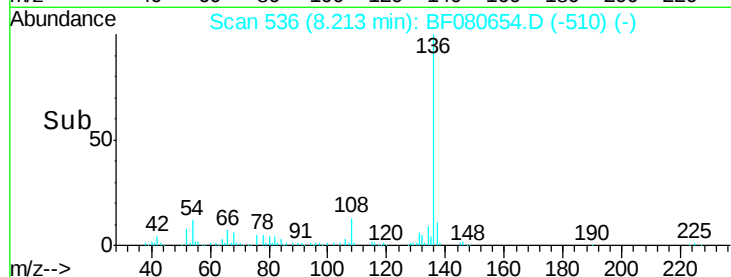


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.31 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

Tgt Ion:105 Resp: 187525

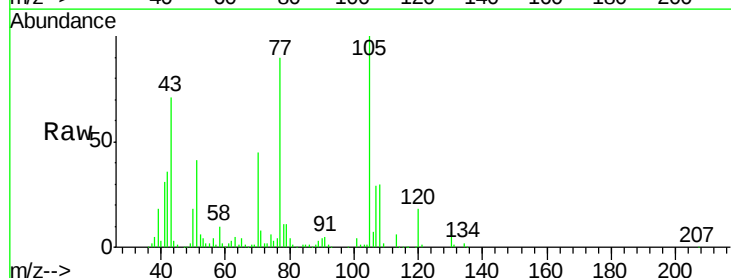
Ion Ratio Lower Upper

105 100

71 7.8 7.2 10.8

51 41.4 40.8 61.2

120 17.6 15.3 22.9

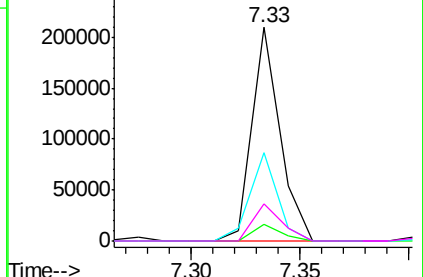
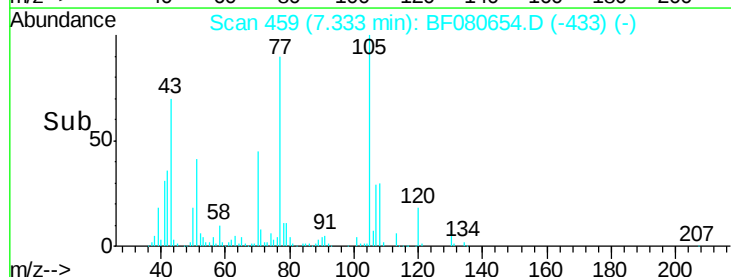


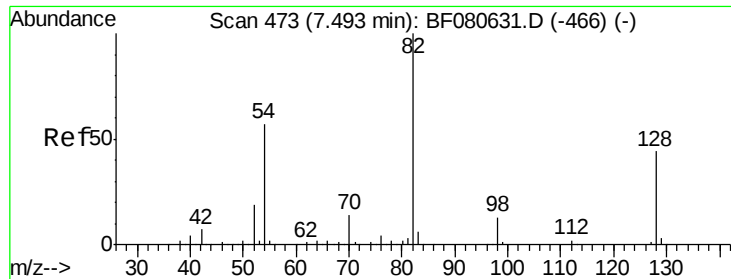
Abundance Ion 105.00 (104.70 to 105.70): E

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

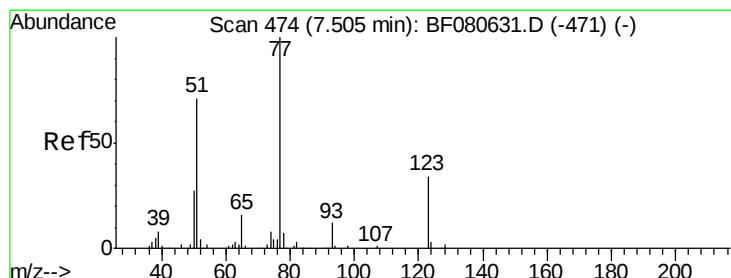
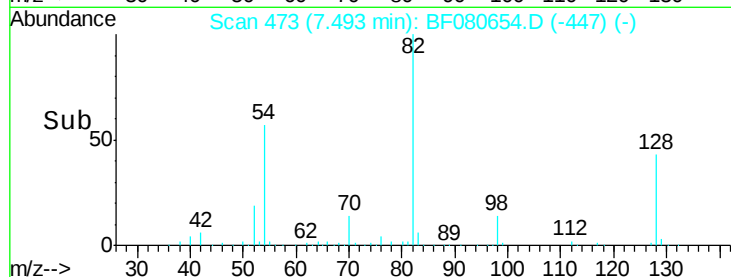
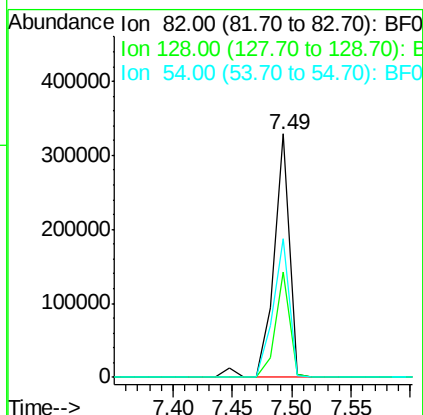
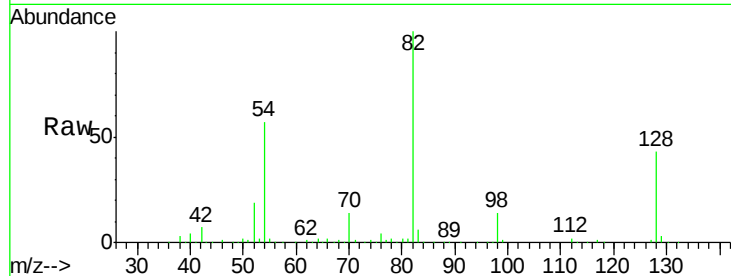




#23
 Nitrobenzene-d5
 Concen: 87.15 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

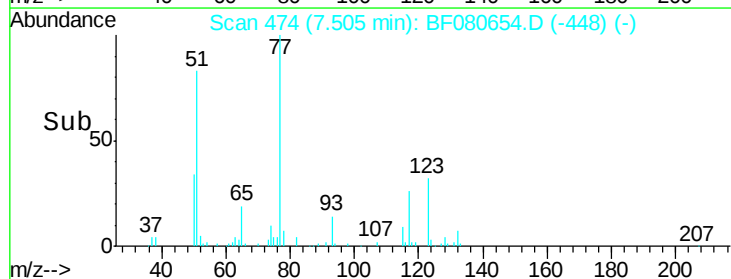
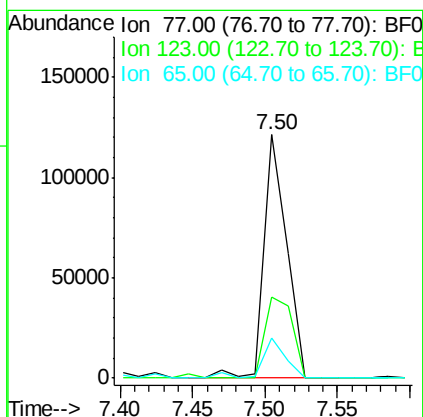
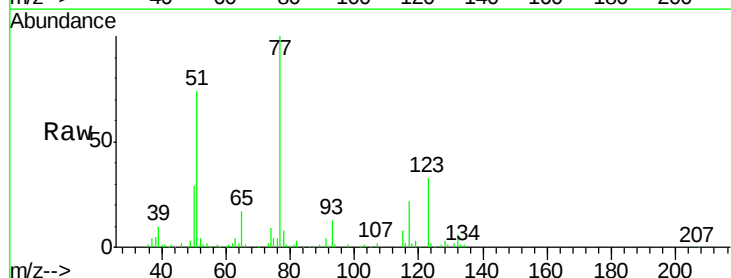
Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15MSD

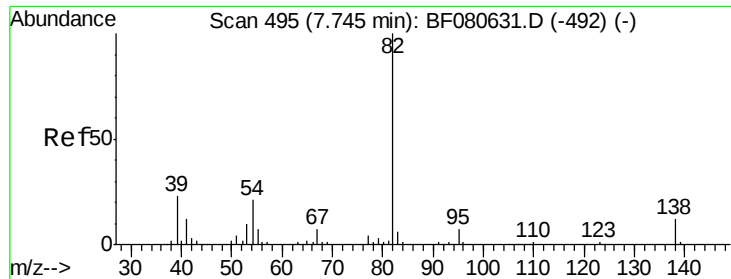
Tgt Ion: 82 Resp: 303328
 Ion Ratio Lower Upper
 82 100
 128 43.0 34.8 52.2
 54 57.2 45.4 68.0



#24
 Nitrobenzene
 Concen: 37.77 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

Tgt Ion: 77 Resp: 131030
 Ion Ratio Lower Upper
 77 100
 123 33.3 27.1 40.7
 65 16.7 12.6 18.8





#25

Isophorone

Concen: 35.02 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15MSD

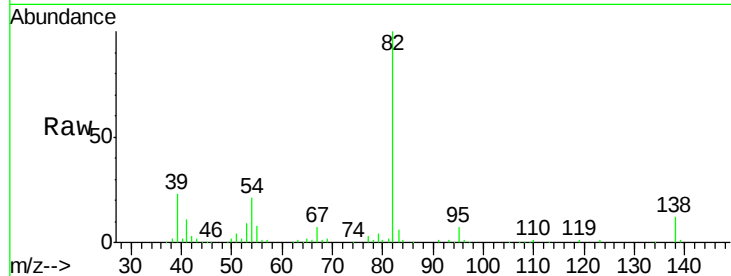
Tgt Ion: 82 Resp: 213767

Ion Ratio Lower Upper

82 100

95 7.3 5.5 8.3

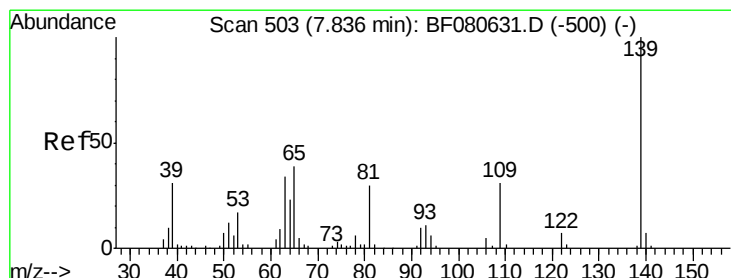
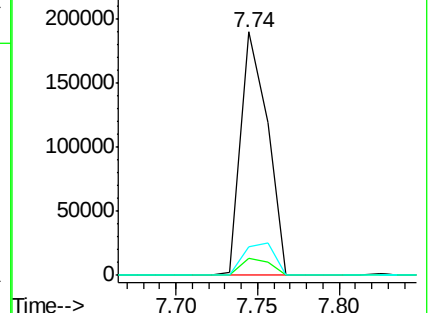
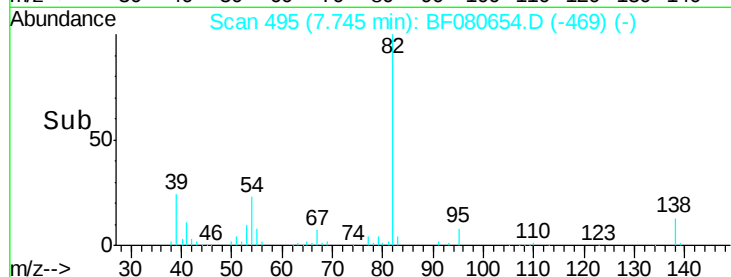
138 12.0 9.7 14.5



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: 38.15 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

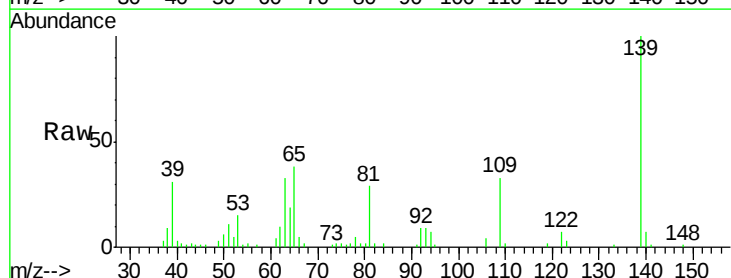
Tgt Ion: 139 Resp: 48284

Ion Ratio Lower Upper

139 100

109 32.5 25.0 37.6

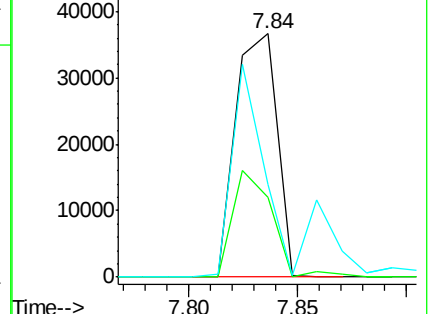
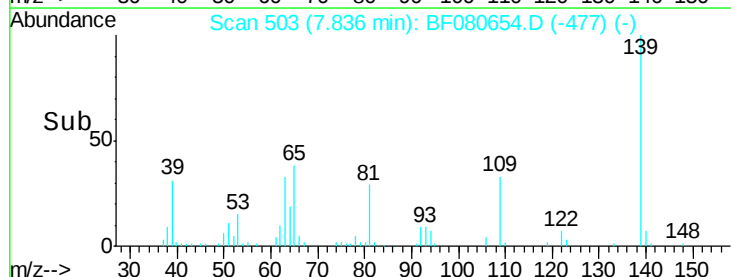
65 38.0 31.4 47.0

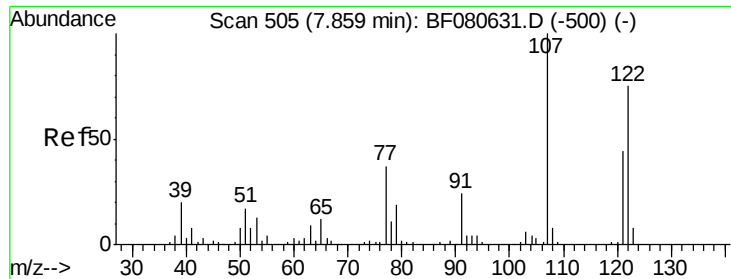


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.16 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15MSD

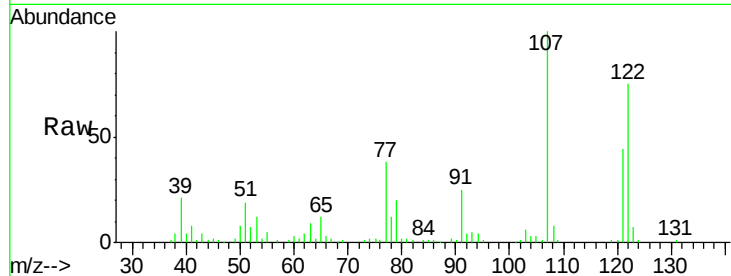
Tgt Ion:122 Resp: 91711

Ion Ratio Lower Upper

122 100

107 132.9 107.4 161.0

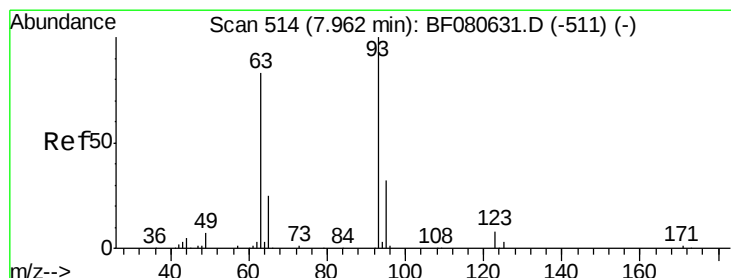
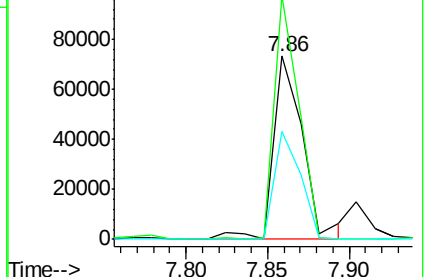
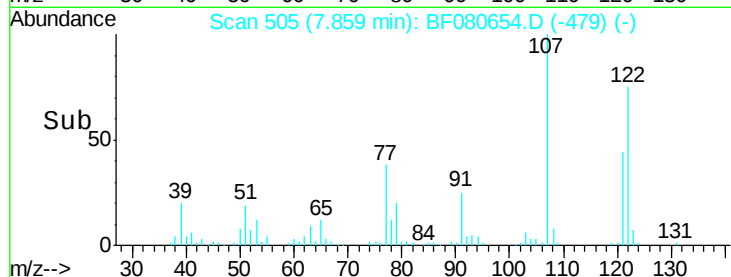
121 58.9 46.8 70.2



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: 40.85 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

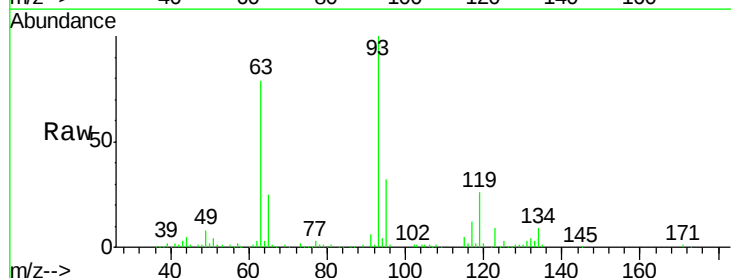
Tgt Ion: 93 Resp: 144537

Ion Ratio Lower Upper

93 100

95 32.1 25.4 38.0

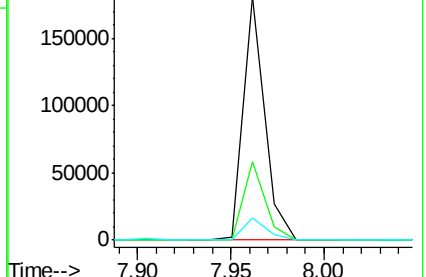
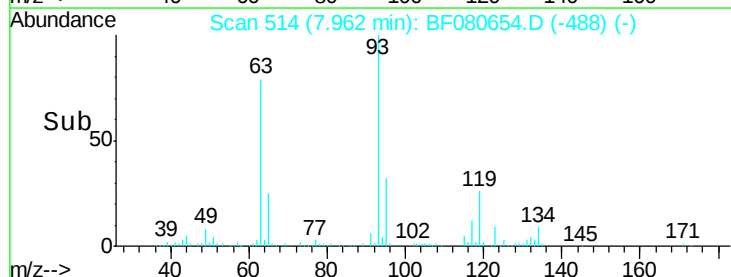
123 8.9 7.2 10.8

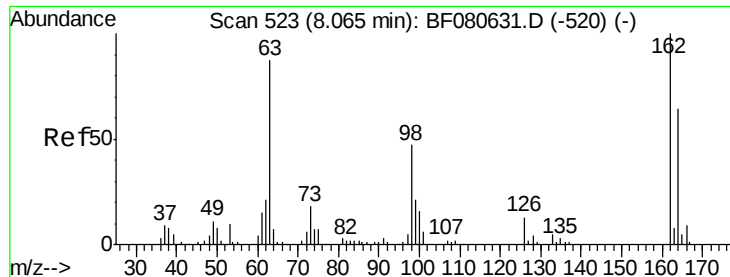


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

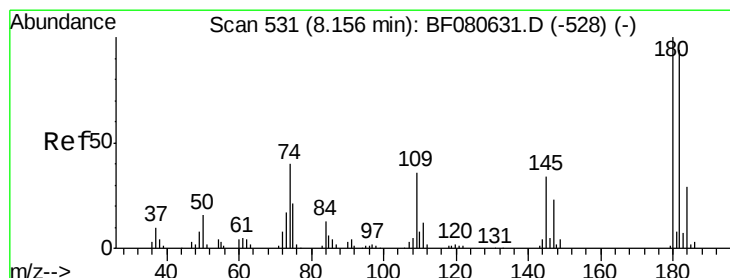
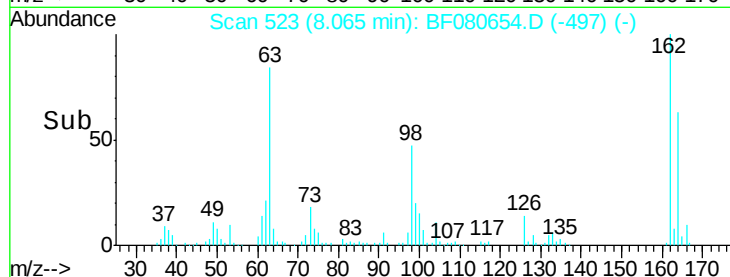
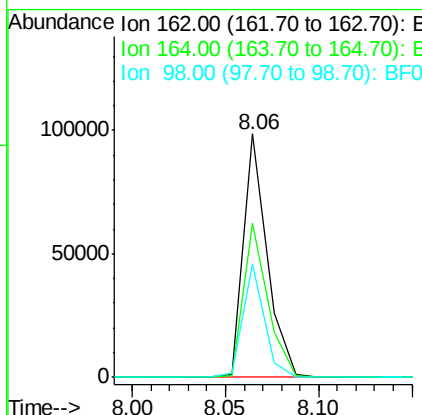
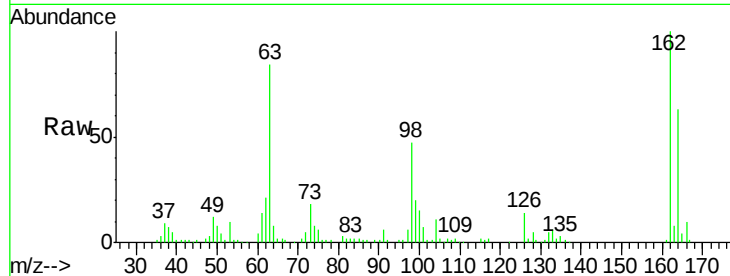




#29
 2,4-Dichlorophenol
 Concen: 36.00 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

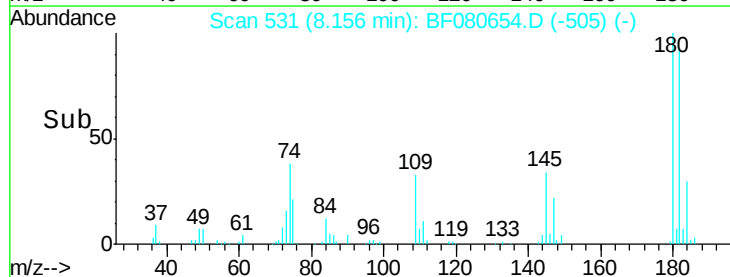
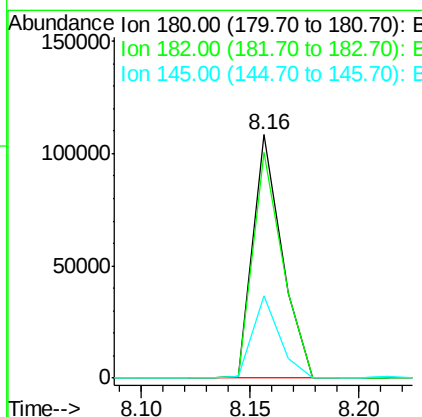
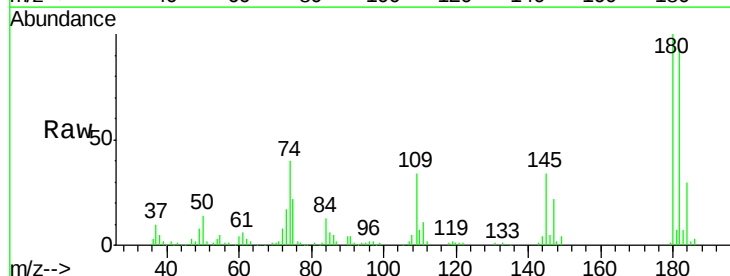
Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15MSD

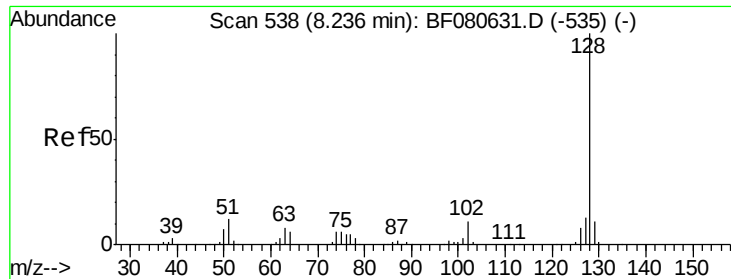
Tgt Ion:162 Resp: 87074
 Ion Ratio Lower Upper
 162 100
 164 63.3 43.9 83.9
 98 46.6 26.5 66.5



#30
 1,2,4-Trichlorobenzene
 Concen: 35.07 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

Tgt Ion:180 Resp: 100634
 Ion Ratio Lower Upper
 180 100
 182 92.8 75.5 113.3
 145 33.7 27.1 40.7

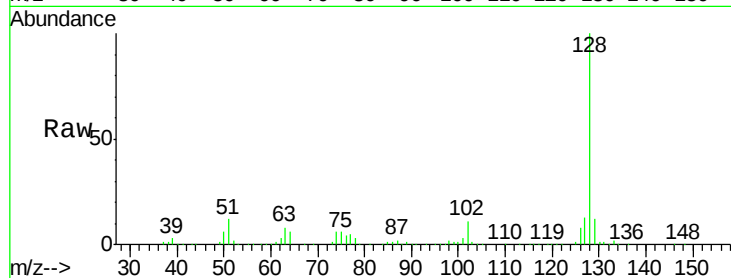




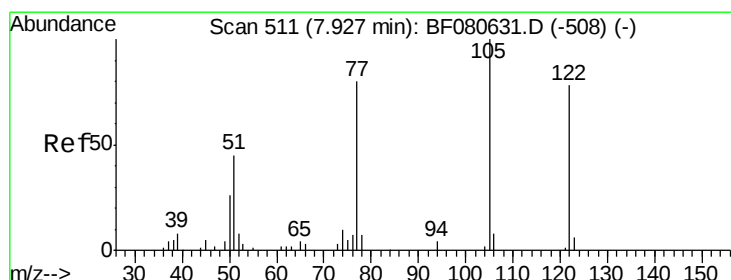
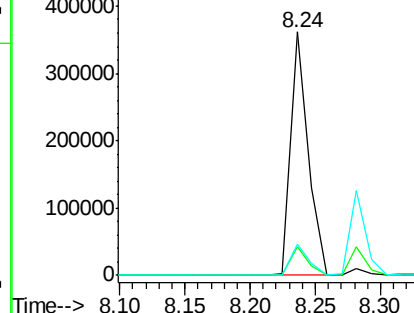
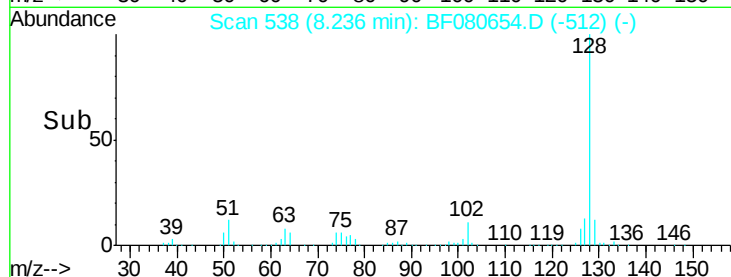
#31
Naphthalene
Concen: 39.09 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080654.D
Acq: 25 Jul 2015 6:59

Instrument :
BNA_F
ClientSampleId :
MW-6-7-22-15MSD

Tgt Ion:128 Resp: 342353
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.0 10.6 15.8

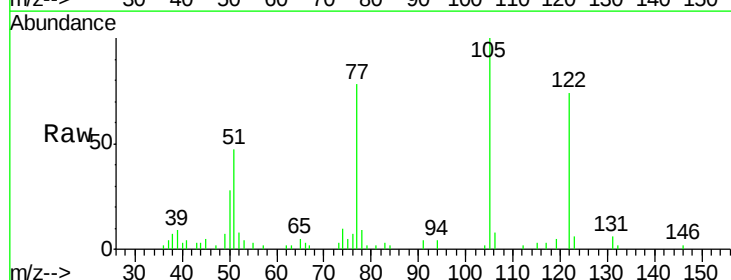


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

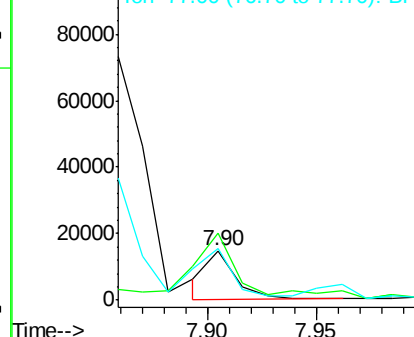
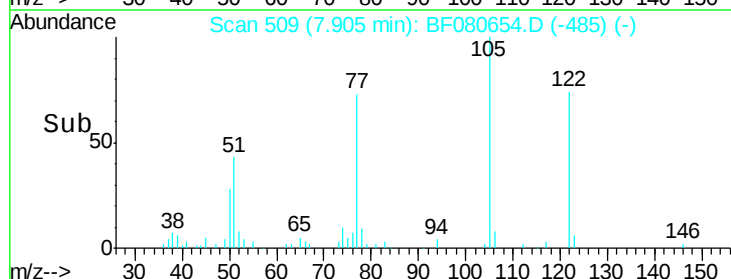


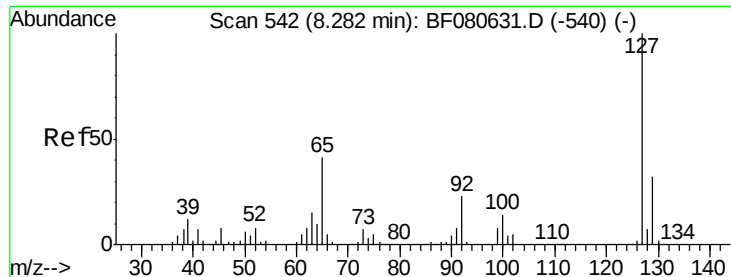
#32
Benzoic acid
Concen: 14.40 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF080654.D
Acq: 25 Jul 2015 6:59

Tgt Ion:122 Resp: 13704
Ion Ratio Lower Upper
122 100
105 135.2 107.9 147.9
77 104.8 84.3 124.3



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

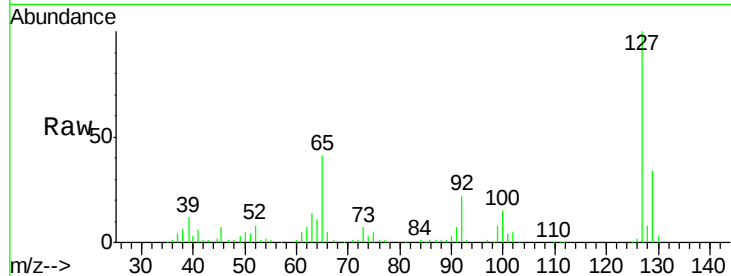




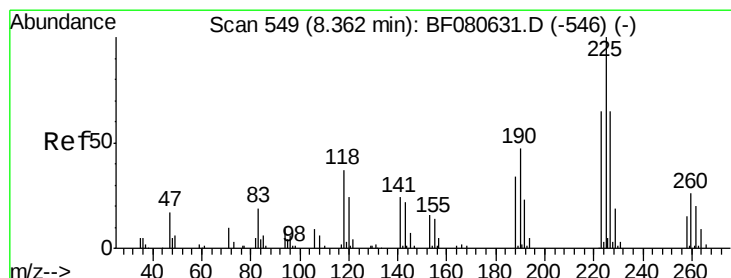
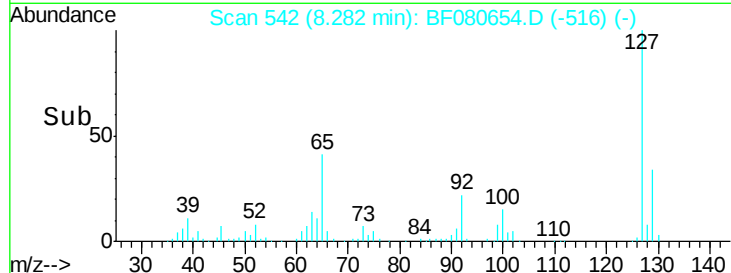
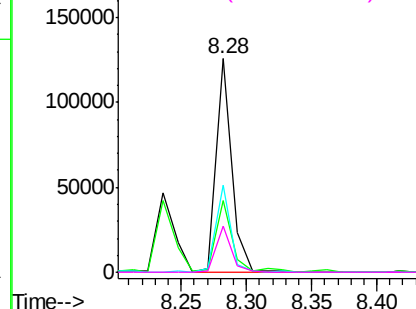
#33
4-Chloroaniline
Concen: 27.56 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF080654.D
Acq: 25 Jul 2015 6:59

Instrument :
BNA_F
ClientSampleId :
MW-6-7-22-15MSD

Tgt Ion:	127	Resp:	106015
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.8	38.6
65	40.8	32.5	48.7
92	21.5	18.5	27.7

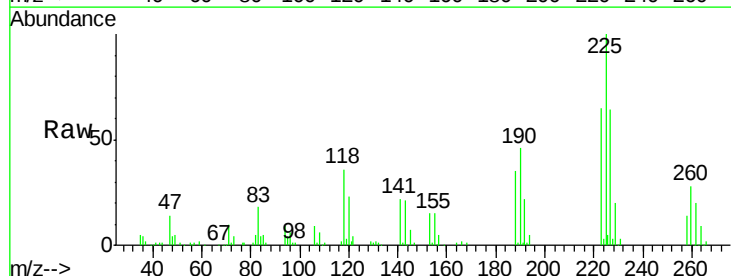


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

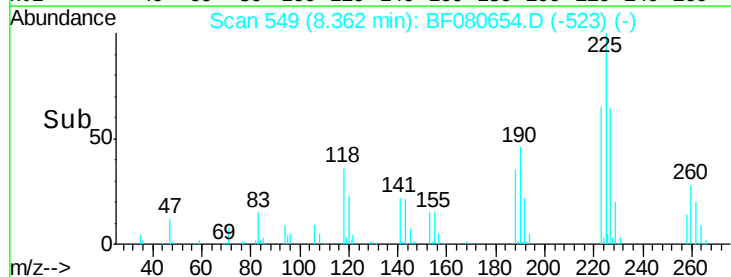
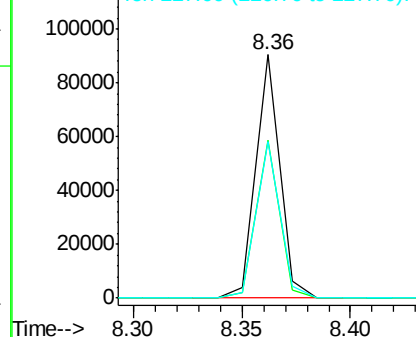


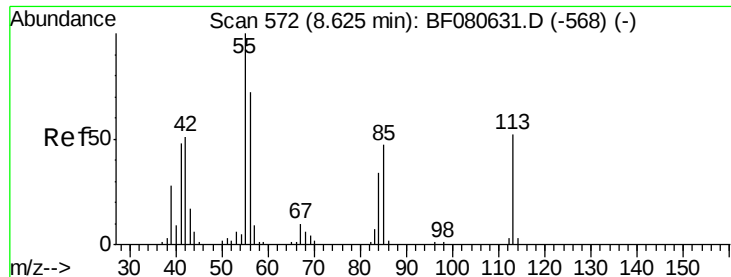
#34
Hexachlorobutadiene
Concen: 34.80 ng
RT: 8.36 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF080654.D
Acq: 25 Jul 2015 6:59

Tgt Ion:	225	Resp:	68989
Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.9	77.9
227	64.2	51.6	77.4



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

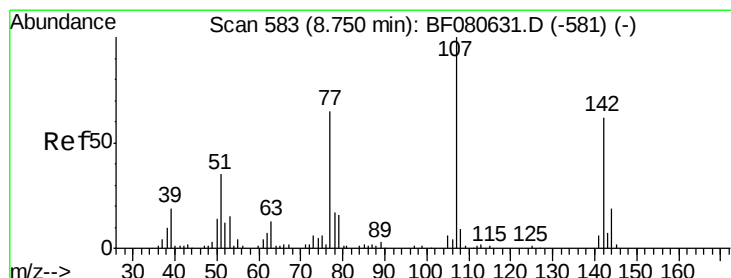
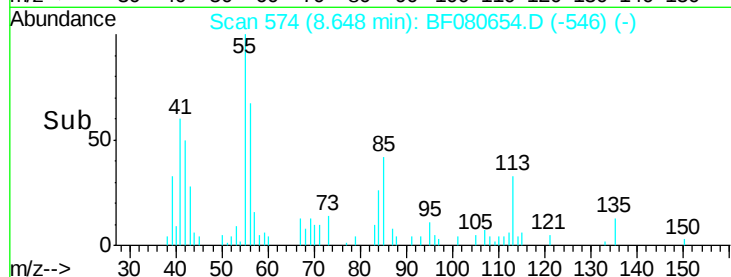
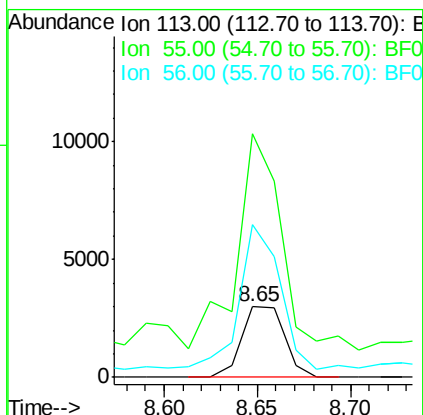
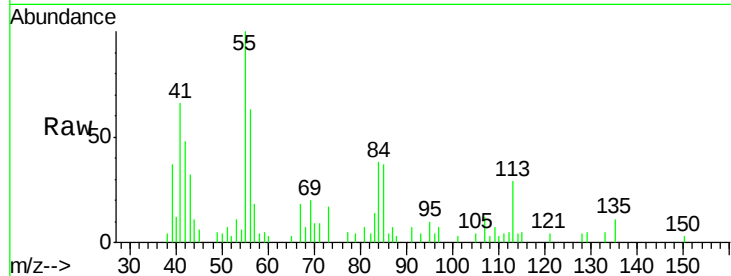




#35
 Caprolactam
 Concen: 6.87 ng
 RT: 8.65 min Scan# 574
 Delta R.T. 0.02 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

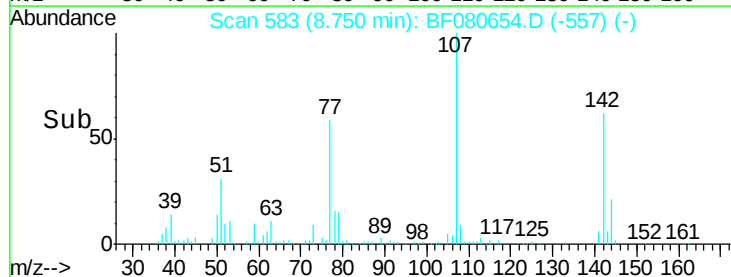
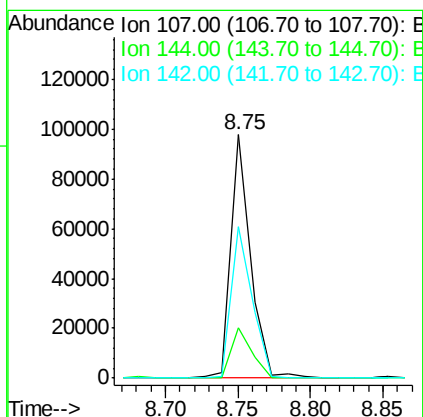
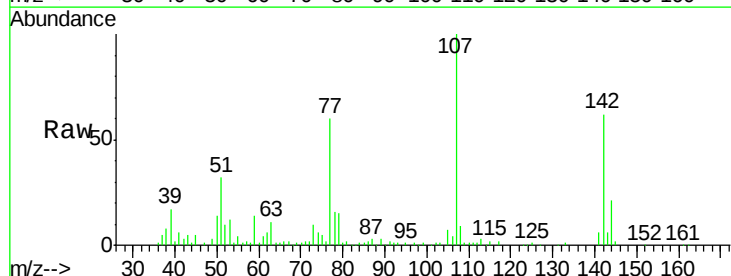
Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15MSD

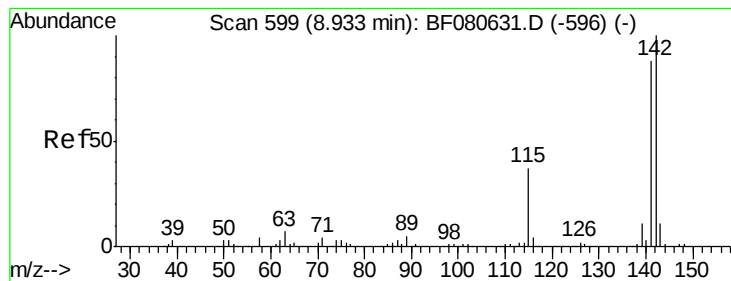
Tgt Ion:113 Resp: 4755
 Ion Ratio Lower Upper
 113 100
 55 346.8 170.7 210.7#
 56 217.4 118.2 158.2#



#36
 4-Chloro-3-methylphenol
 Concen: 35.66 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

Tgt Ion:107 Resp: 92557
 Ion Ratio Lower Upper
 107 100
 144 20.7 15.0 22.6
 142 62.0 49.5 74.3





#37

2-Methylnaphthalene

Concen: 42.35 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15MSD

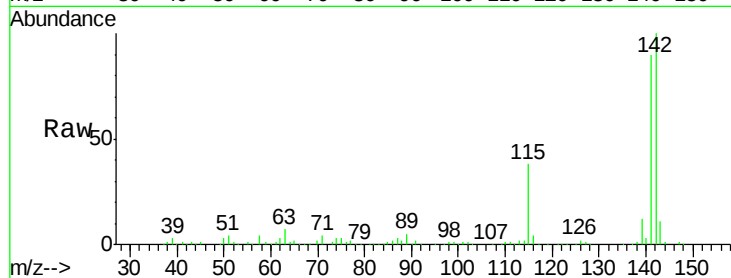
Tgt Ion:142 Resp: 264347

Ion Ratio Lower Upper

142 100

141 90.2 70.7 106.1

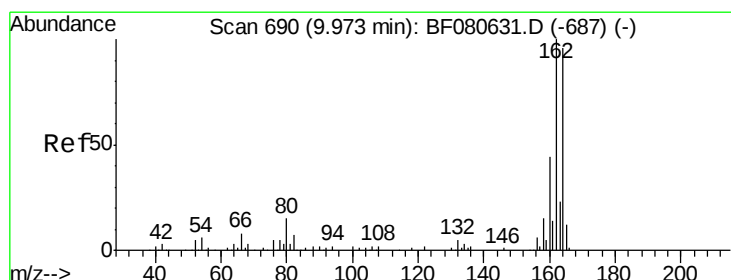
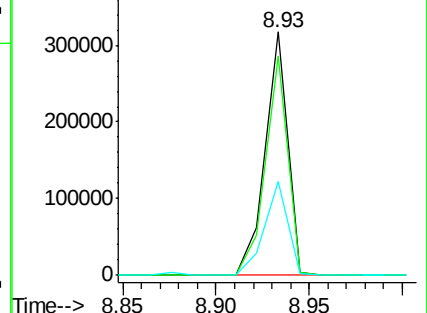
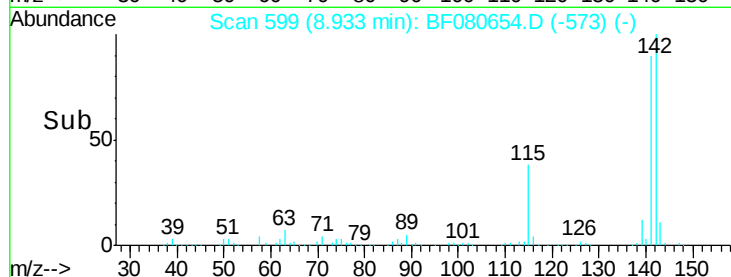
115 38.4 29.3 43.9



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: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

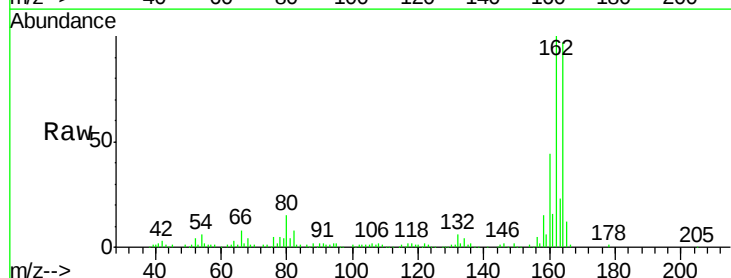
Tgt Ion:164 Resp: 93863

Ion Ratio Lower Upper

164 100

162 103.5 83.3 124.9

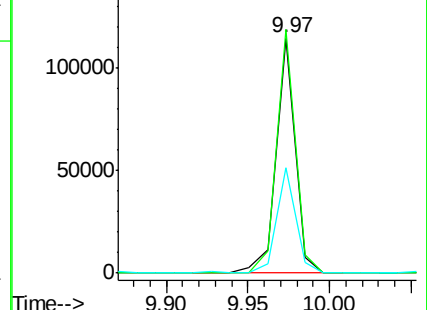
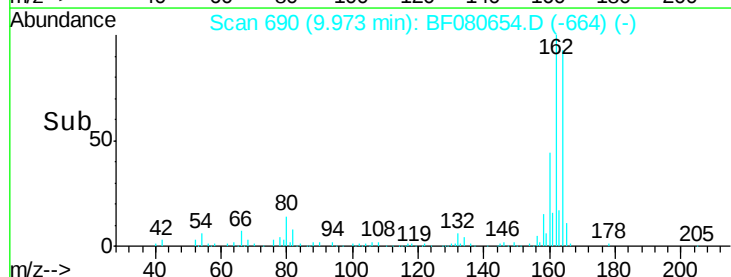
160 45.0 36.9 55.3

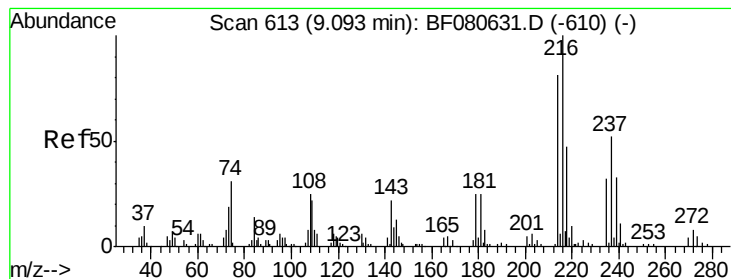


Abundance Ion 164.00 (163.70 to 164.70): E

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: 36.28 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15MSD

Tgt Ion:216 Resp: 98356

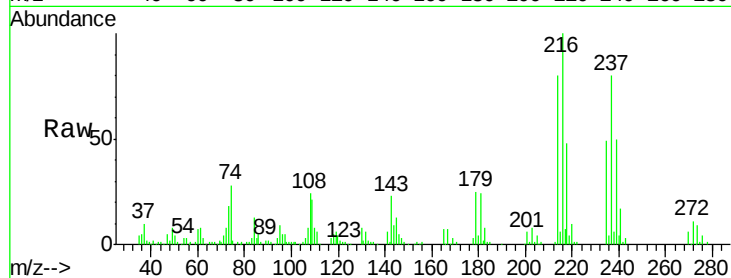
Ion Ratio Lower Upper

216 100

214 78.5 62.5 93.7

179 23.8 18.7 28.1

108 24.1 17.6 26.4

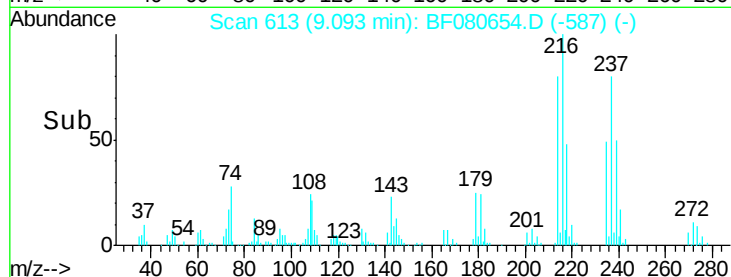


Abundance Ion 216.00 (215.70 to 216.70): E

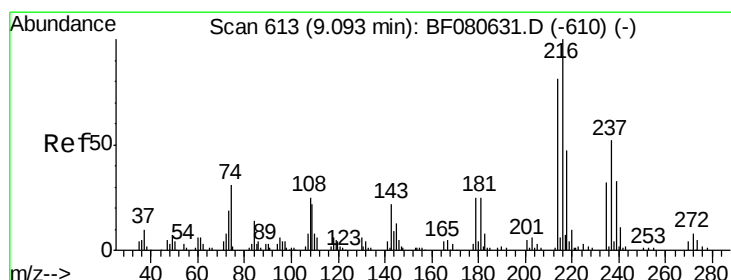
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 67.44 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

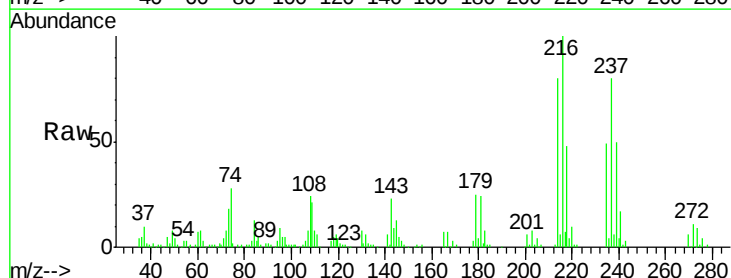
Tgt Ion:237 Resp: 108713

Ion Ratio Lower Upper

237 100

235 60.9 41.6 81.6

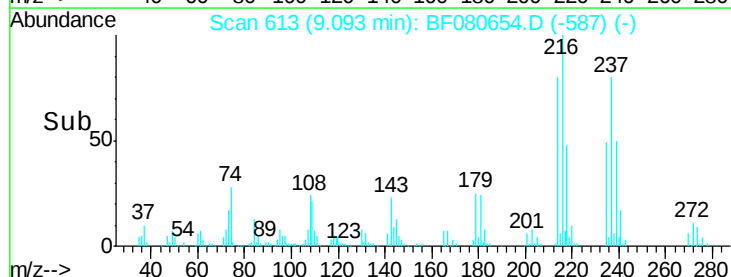
272 13.5 0.0 35.0



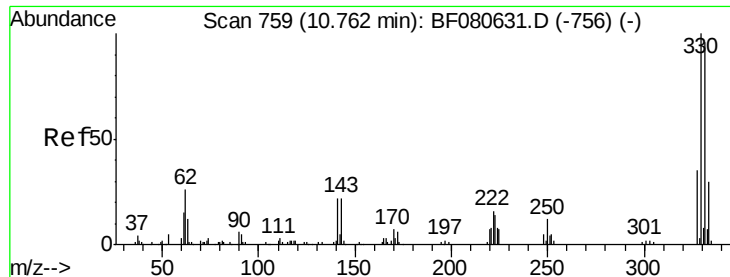
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



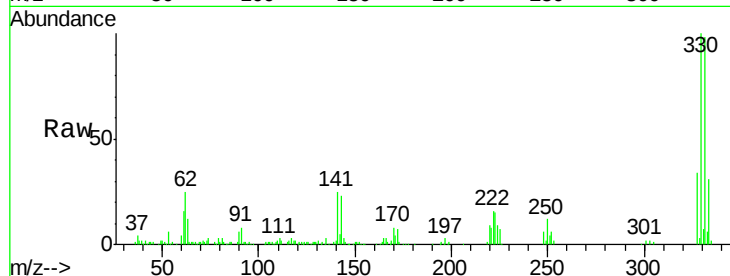
Time-->



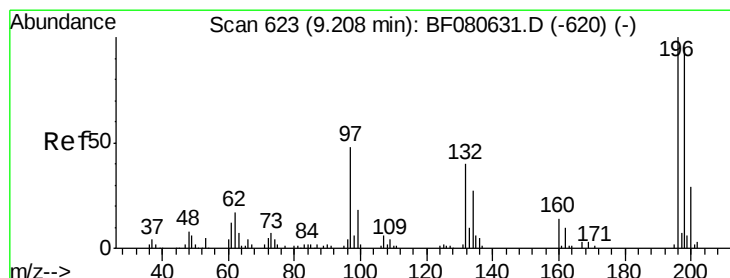
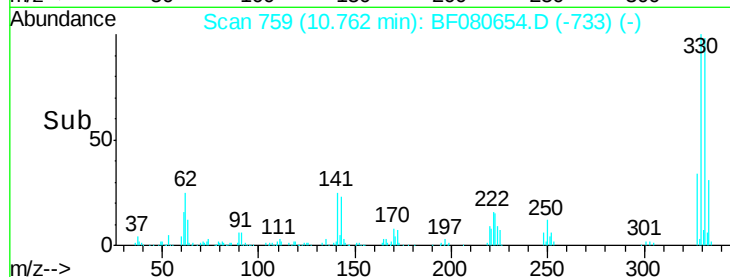
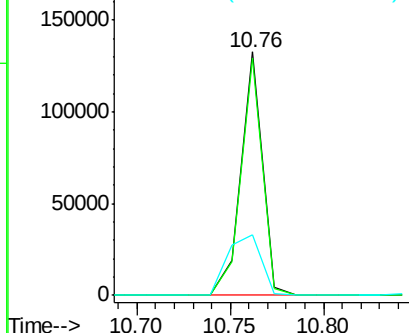
#41
 2,4,6-Tribromophenol
 Concen: 127.55 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15MSD

Tgt Ion:330 Resp: 107560
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.7 115.1
 141 40.1 32.7 49.1

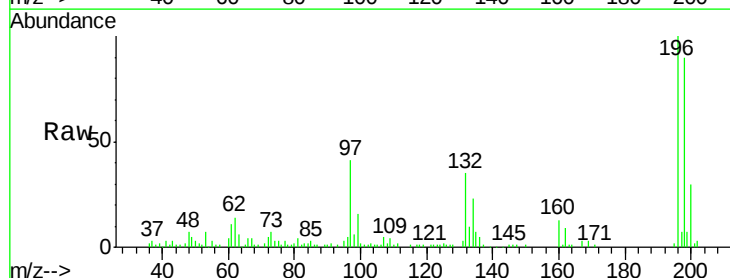


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

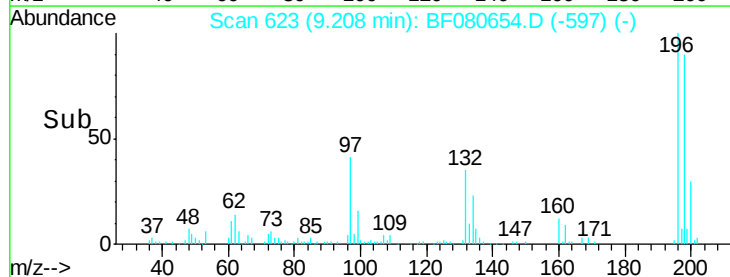
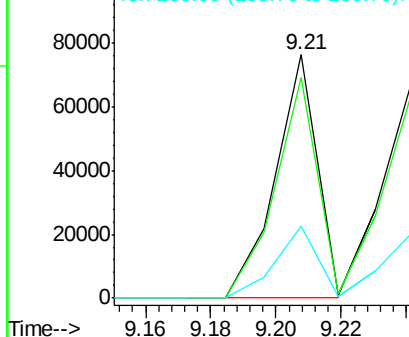


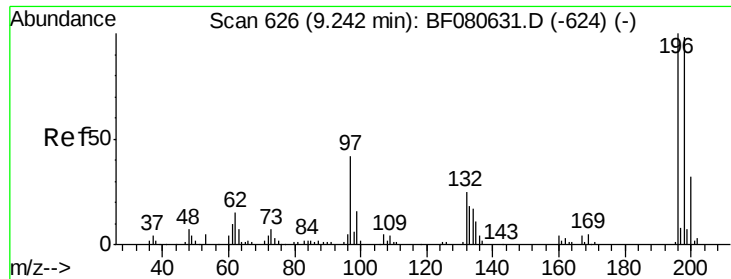
#42
 2,4,6-Trichlorophenol
 Concen: 36.79 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

Tgt Ion:196 Resp: 68037
 Ion Ratio Lower Upper
 196 100
 198 90.3 75.8 113.8
 200 29.8 23.5 35.3



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

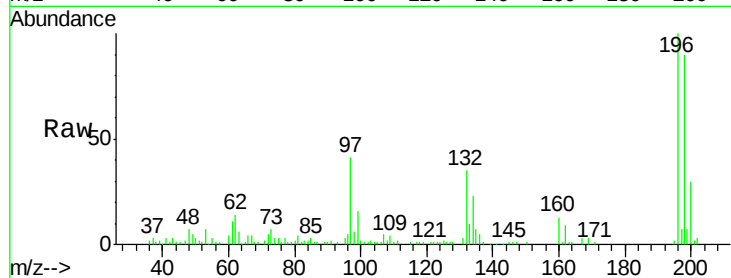




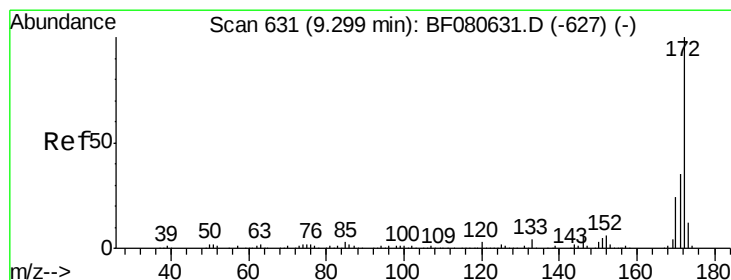
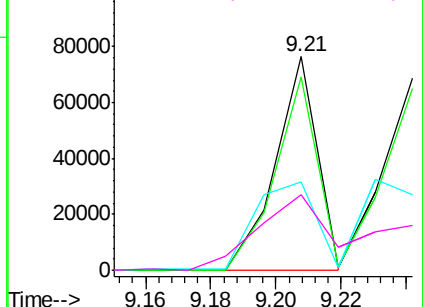
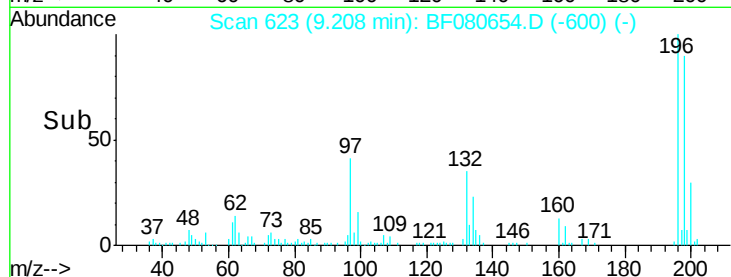
#43
 2,4,5-Trichlorophenol
 Concen: 35.12 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15MSD

Tgt Ion:196 Resp: 68037
 Ion Ratio Lower Upper
 196 100
 198 90.3 78.3 117.5
 97 41.1 33.1 49.7
 132 35.5 19.8 29.8#

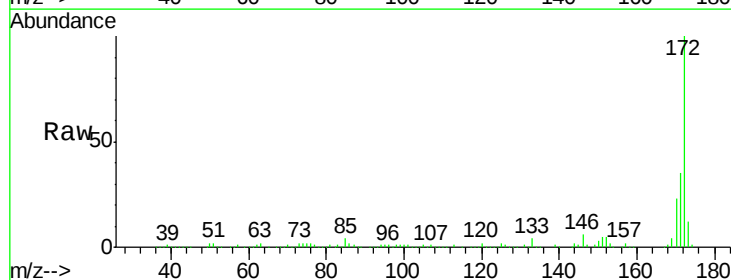


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

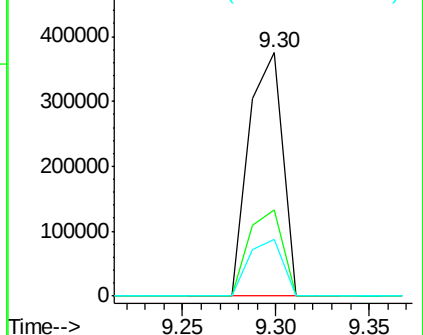
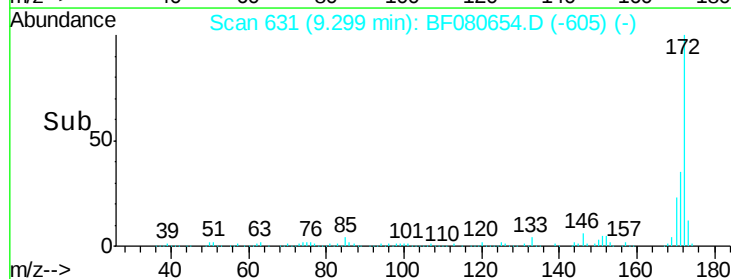


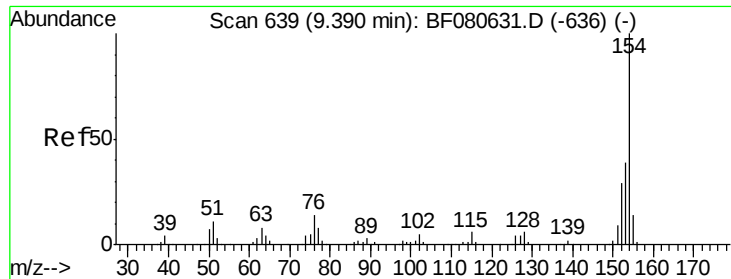
#44
 2-Fluorobiphenyl
 Concen: 76.71 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

Tgt Ion:172 Resp: 466692
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.7 41.5
 170 23.2 19.0 28.4



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

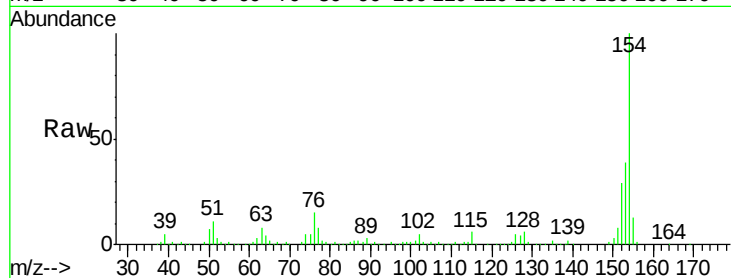




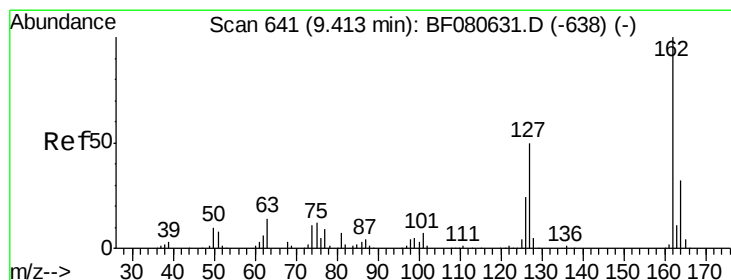
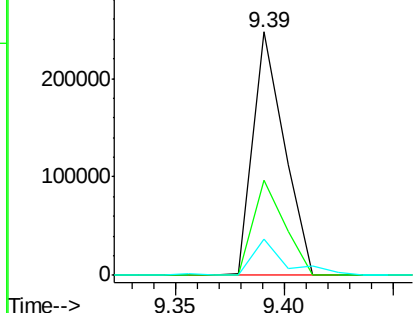
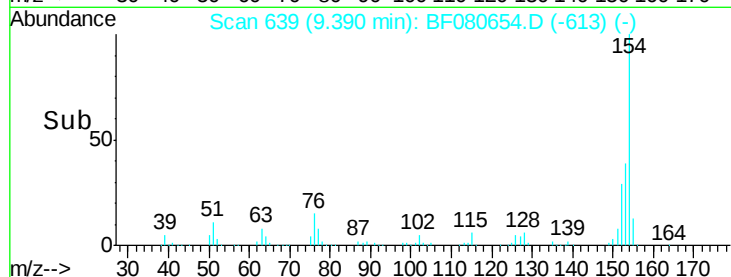
#45
 1,1'-Biphenyl
 Concen: 37.75 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15MSD

Tgt Ion:154 Resp: 247593
 Ion Ratio Lower Upper
 154 100
 153 39.2 19.4 59.4
 76 14.7 0.0 34.1

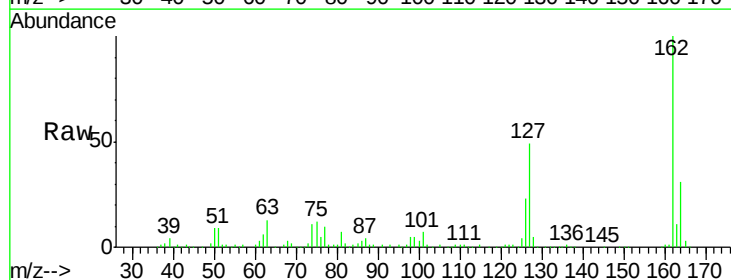


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

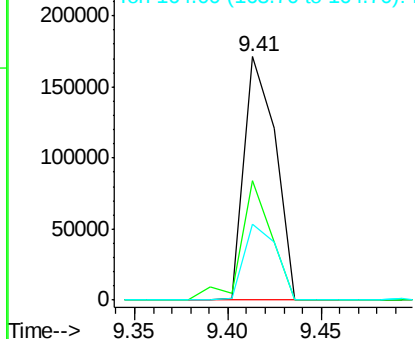
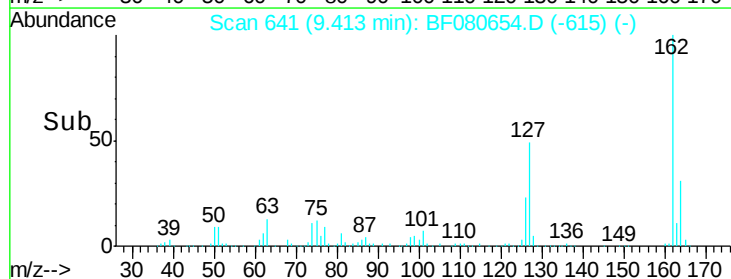


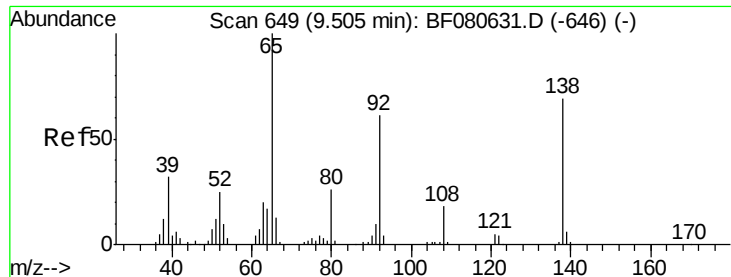
#46
 2-Chloronaphthalene
 Concen: 36.73 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

Tgt Ion:162 Resp: 201477
 Ion Ratio Lower Upper
 162 100
 127 49.1 40.3 60.5
 164 31.1 25.6 38.4



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

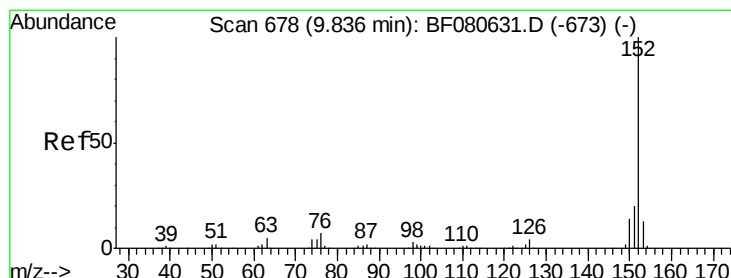
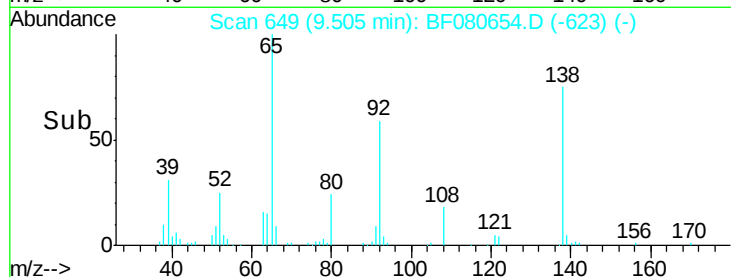
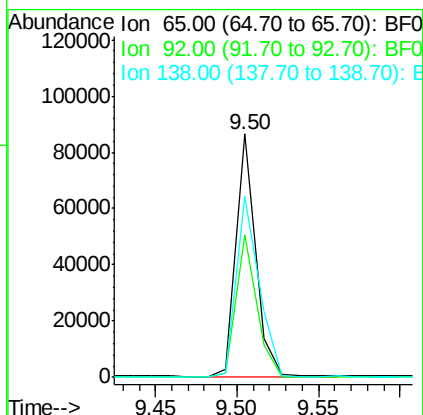
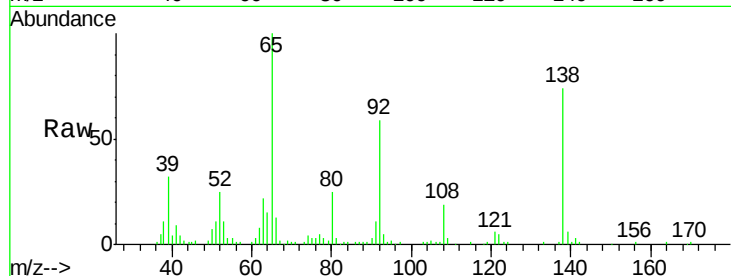




#47
 2-Nitroaniline
 Concen: 43.21 ng
 RT: 9.50 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

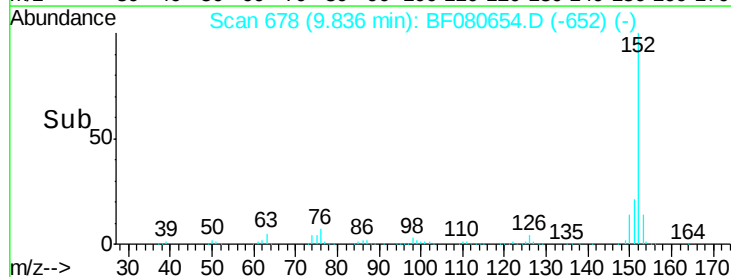
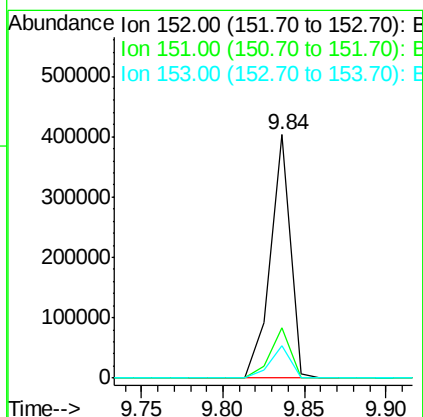
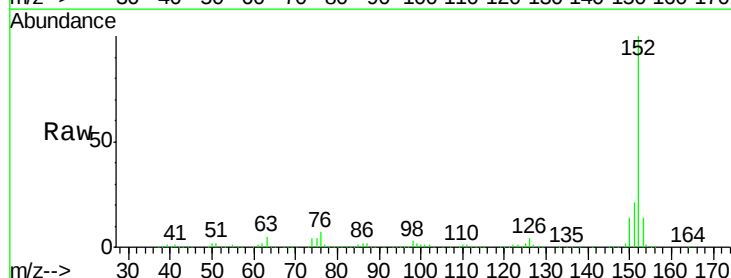
Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15MSD

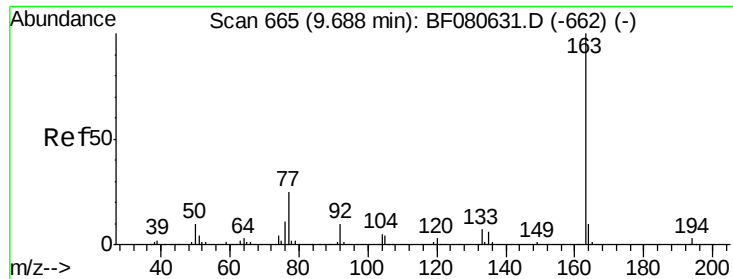
Tgt Ion: 65 Resp: 72668
 Ion Ratio Lower Upper
 65 100
 92 58.6 48.7 73.1
 138 74.1 55.4 83.2



#48
 Acenaphthylene
 Concen: 37.15 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

Tgt Ion: 152 Resp: 344780
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.3 24.5
 153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 37.64 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15MSD

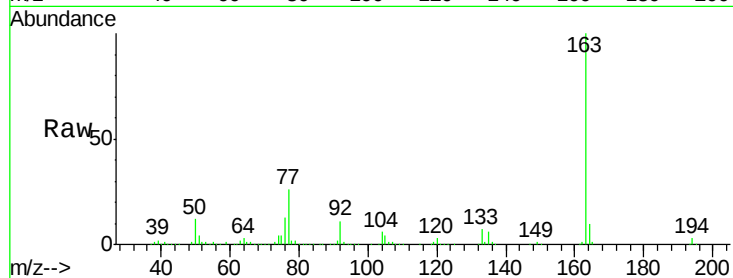
Tgt Ion:163 Resp: 252684

Ion Ratio Lower Upper

163 100

194 3.1 2.5 3.7

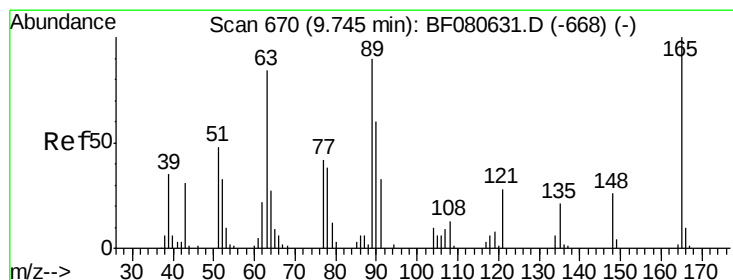
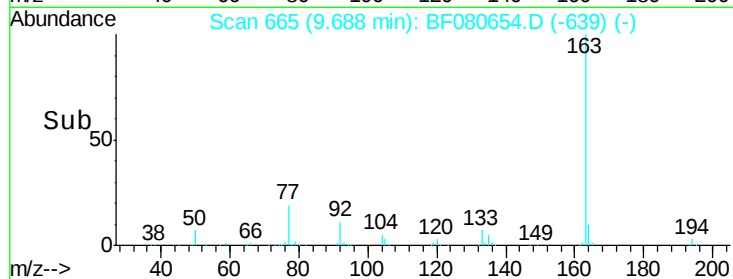
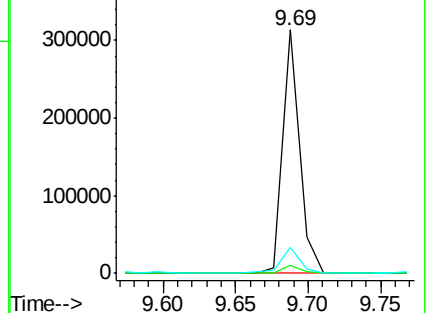
164 10.5 8.0 12.0



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: 41.03 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

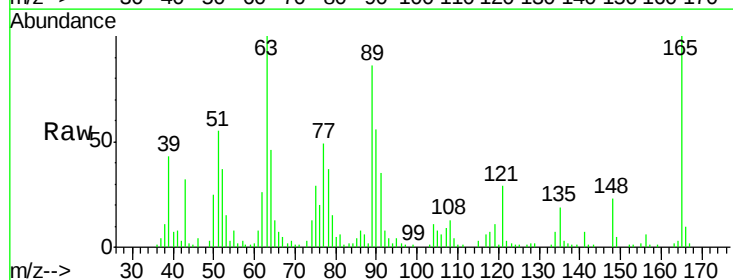
Tgt Ion:165 Resp: 49174

Ion Ratio Lower Upper

165 100

63 99.8 84.0 126.0

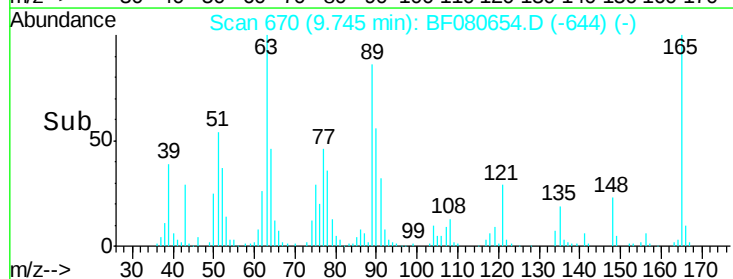
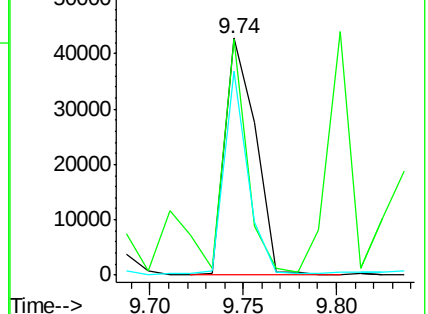
89 86.0 71.7 107.5

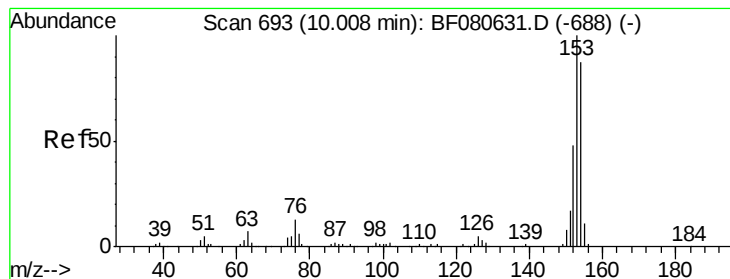


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.42 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15MSD

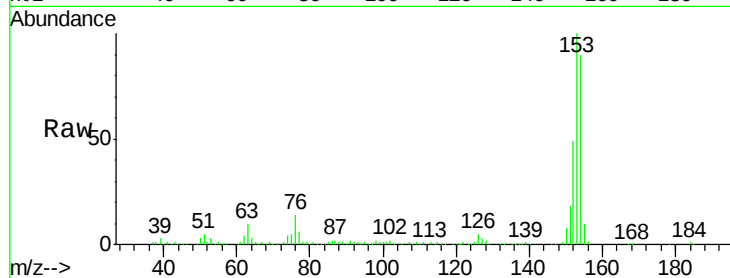
Tgt Ion:154 Resp: 244735

Ion Ratio Lower Upper

154 100

153 111.3 91.6 137.4

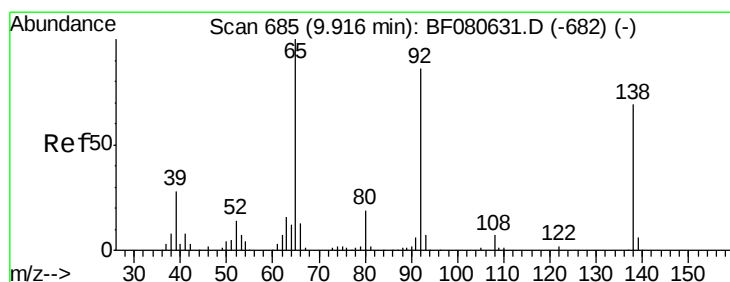
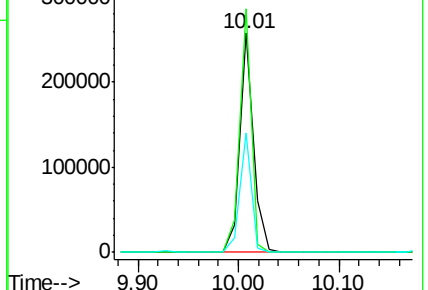
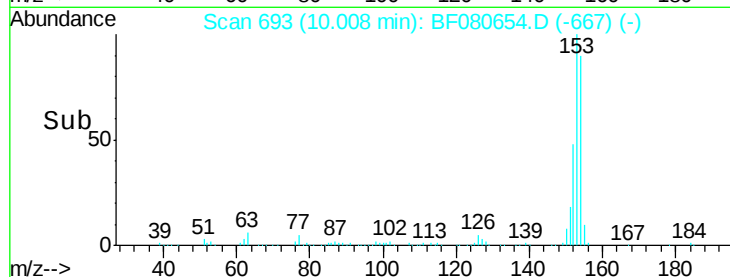
152 54.4 44.0 66.0



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: 32.45 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

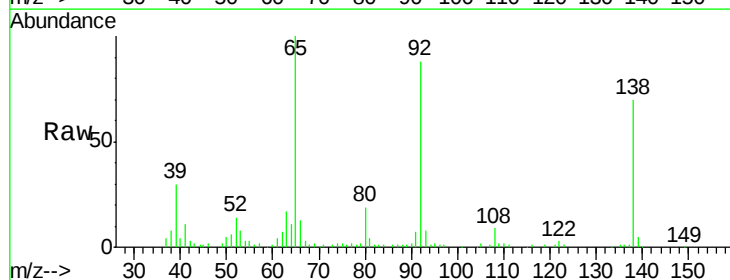
Tgt Ion:138 Resp: 46279

Ion Ratio Lower Upper

138 100

108 12.7 8.6 13.0

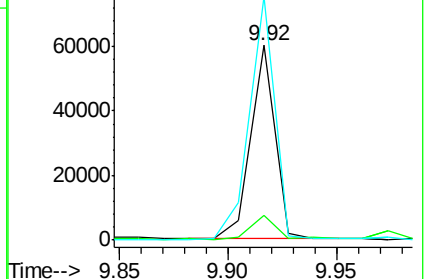
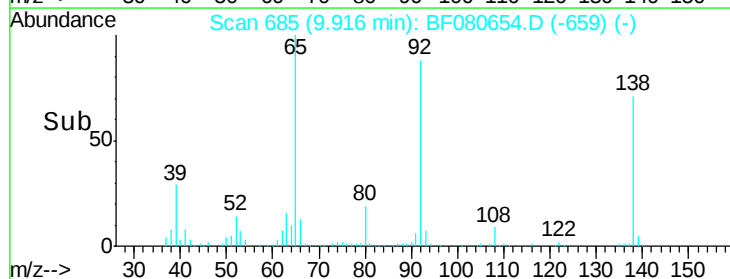
92 124.9 100.1 150.1

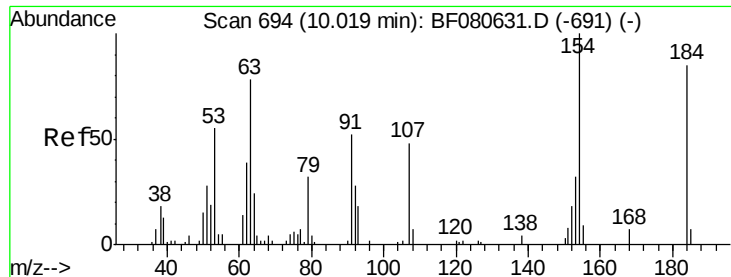


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

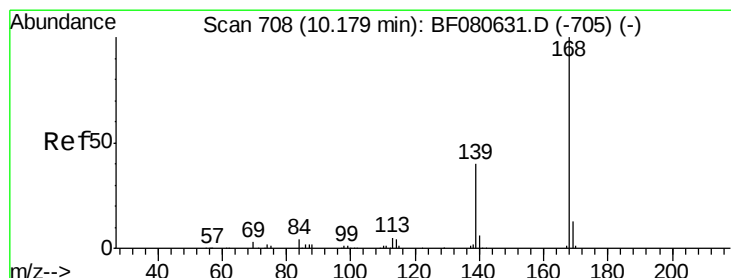
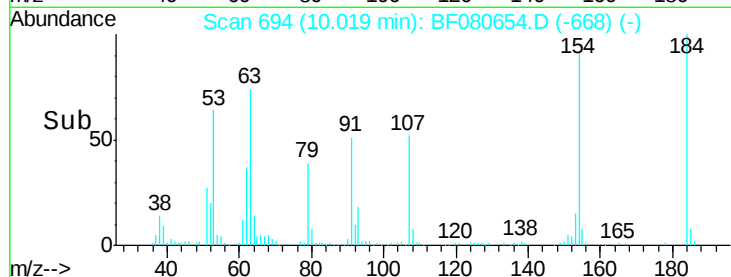
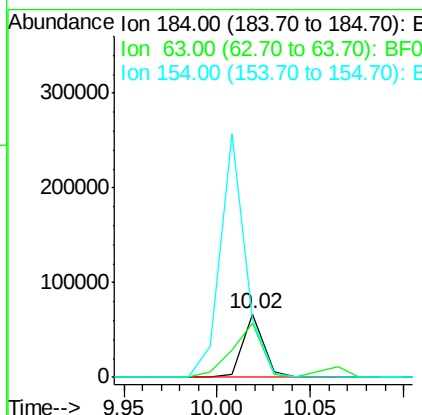
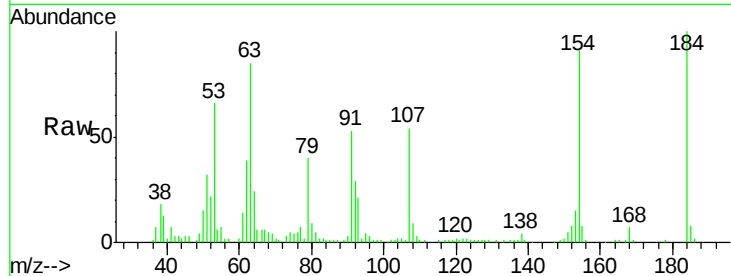




#53
 2,4-Dinitrophenol
 Concen: 81.29 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

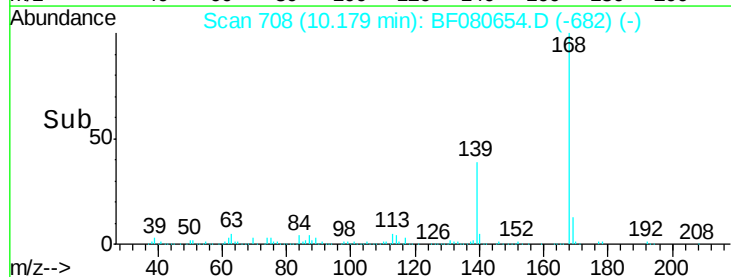
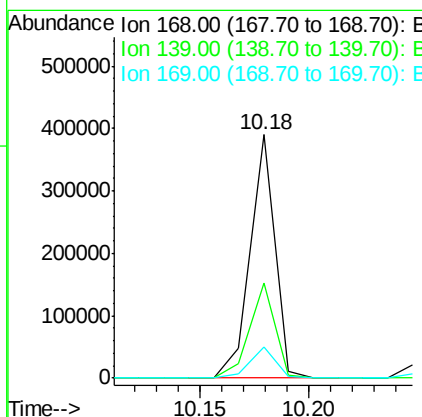
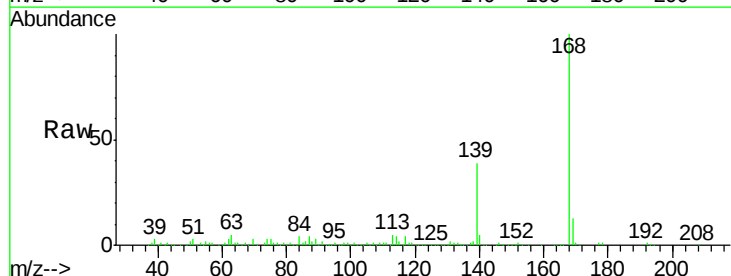
Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15MSD

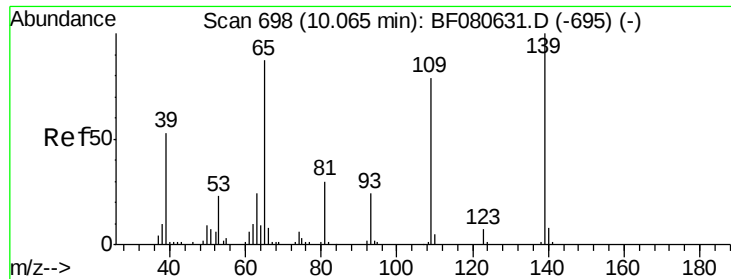
Tgt Ion:184 Resp: 52393
 Ion Ratio Lower Upper
 184 100
 63 84.8 73.4 110.0
 154 91.5 94.2 141.4#



#54
 Dibenzofuran
 Concen: 38.44 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

Tgt Ion:168 Resp: 309178
 Ion Ratio Lower Upper
 168 100
 139 39.2 32.2 48.4
 169 13.0 10.2 15.2

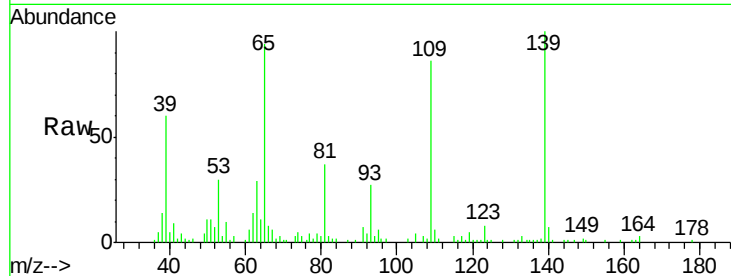




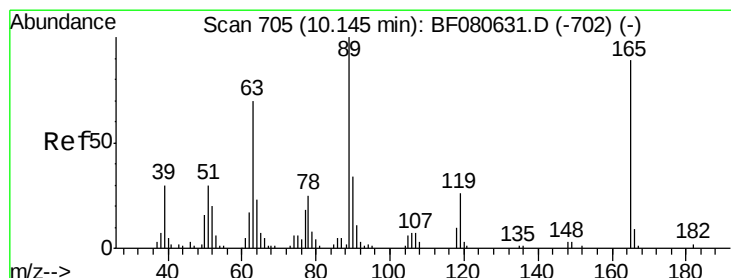
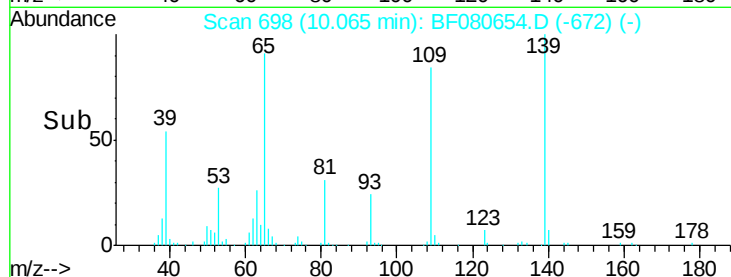
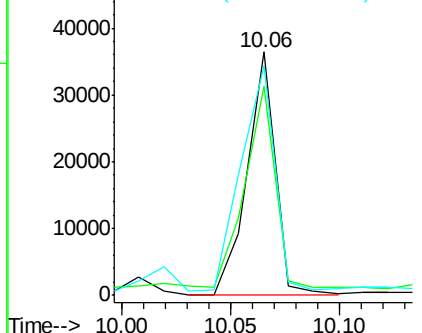
#55
4-Nitrophenol
Concen: 29.19 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF080654.D
Acq: 25 Jul 2015 6:59

Instrument :
BNA_F
ClientSampleId :
MW-6-7-22-15MSD

Tgt Ion:139 Resp: 32864
Ion Ratio Lower Upper
139 100
109 85.7 59.4 99.4
65 94.2 67.4 107.4

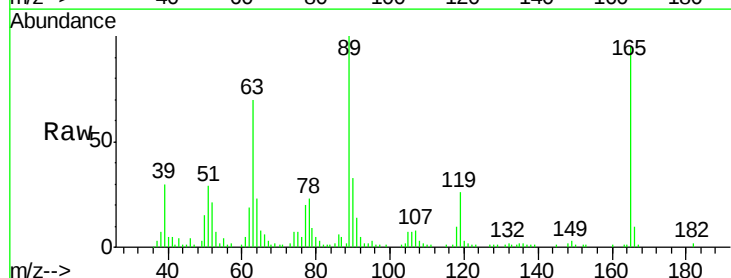


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

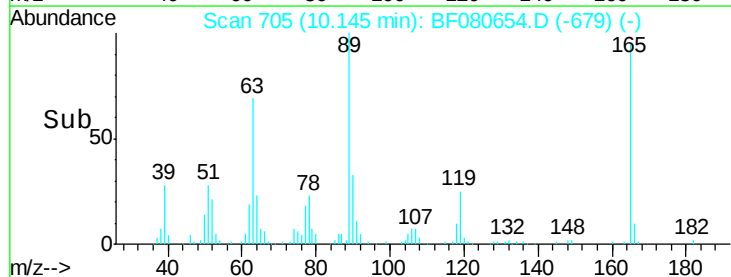
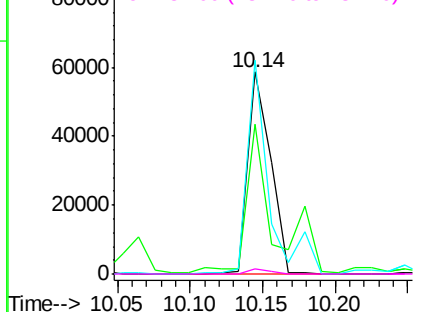


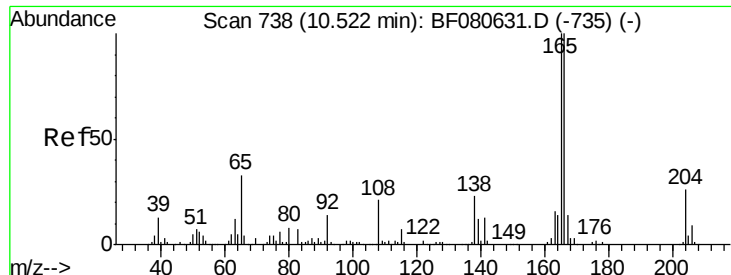
#56
2,4-Dinitrotoluene
Concen: 40.20 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF080654.D
Acq: 25 Jul 2015 6:59

Tgt Ion:165 Resp: 63690
Ion Ratio Lower Upper
165 100
63 74.1 63.0 94.4
89 105.8 90.2 135.2
182 2.6 1.6 2.4#



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

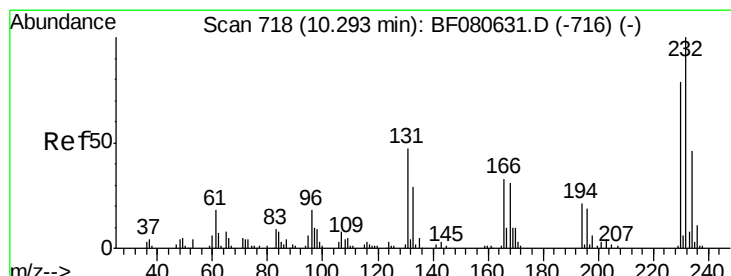
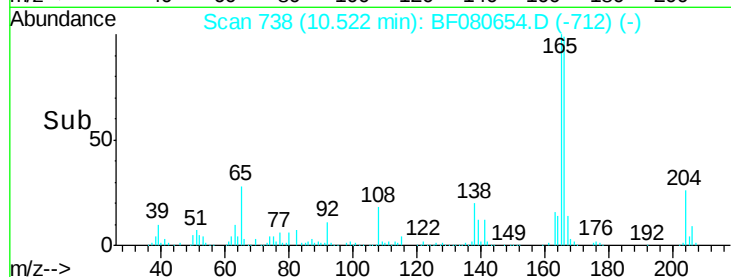
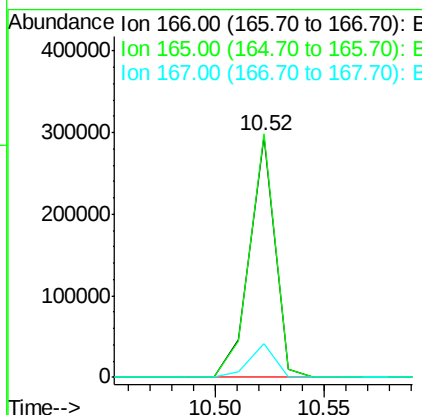
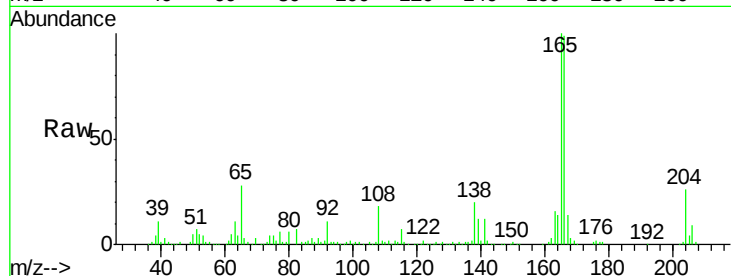




#57
Fluorene
 Concen: 38.09 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

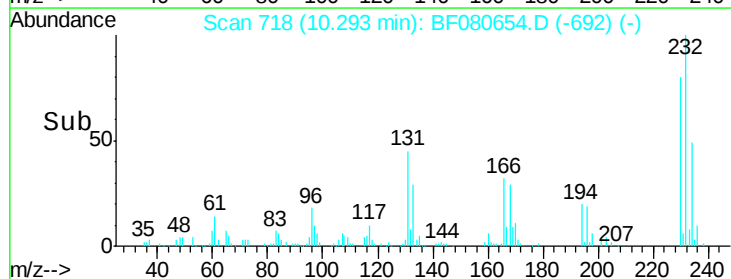
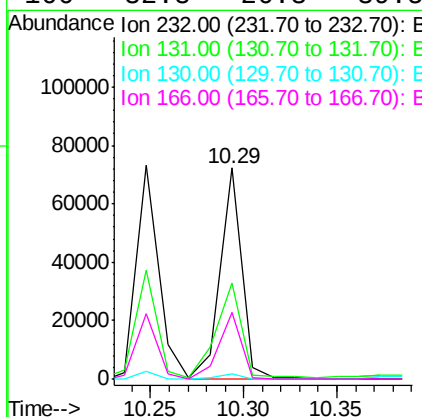
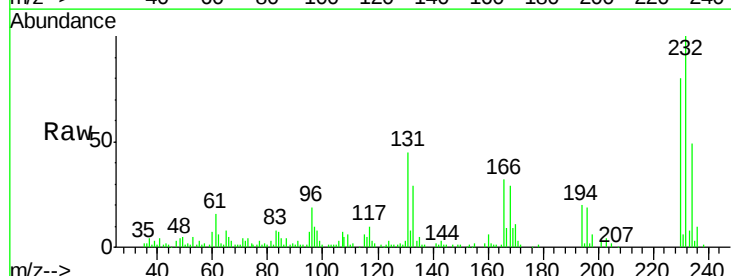
Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15MSD

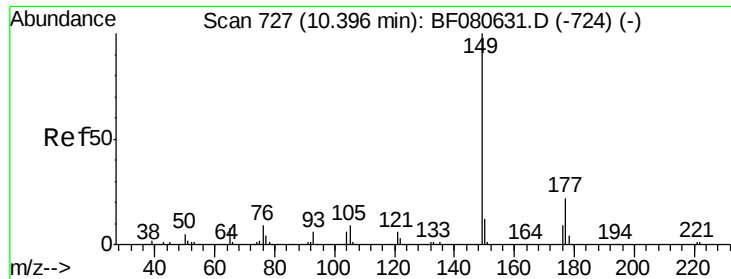
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	80.0	120.0
167	14.0	10.8	16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.88 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.5	40.2	60.2
130	3.0	1.8	2.8#
166	32.8	26.3	39.5

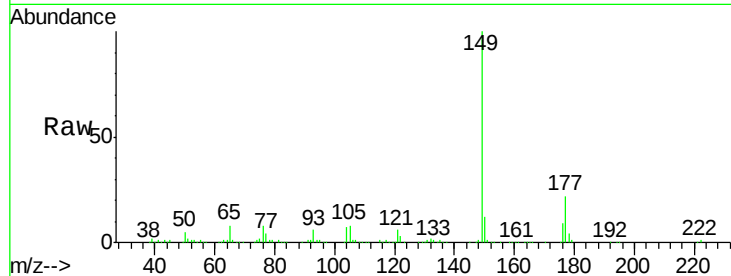




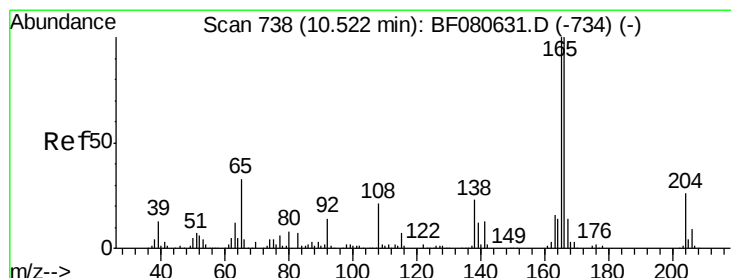
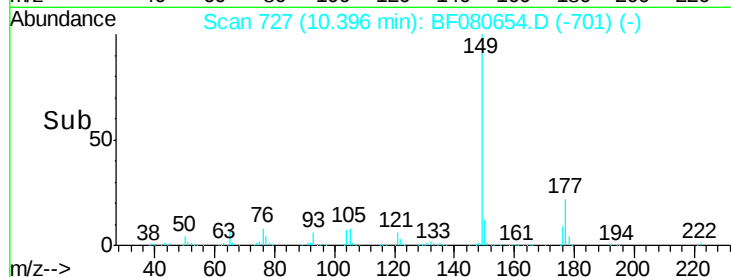
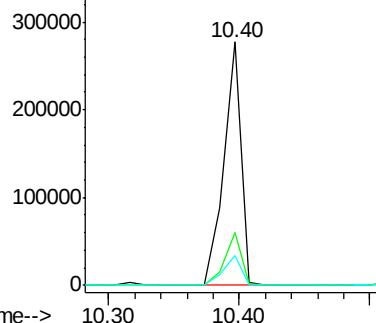
#59
Diethylphthalate
Concen: 38.19 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF080654.D
Acq: 25 Jul 2015 6:59

Instrument :
BNA_F
ClientSampleId :
MW-6-7-22-15MSD

Tgt Ion:149 Resp: 254858
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.8
150 12.3 9.8 14.8

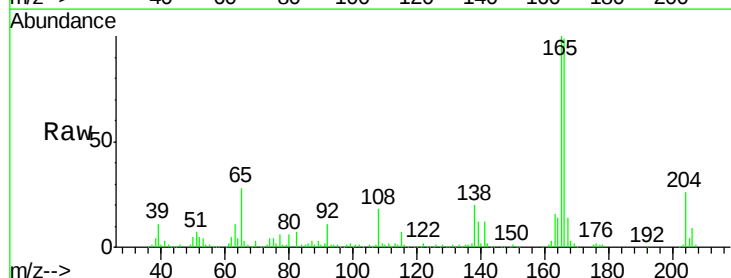


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

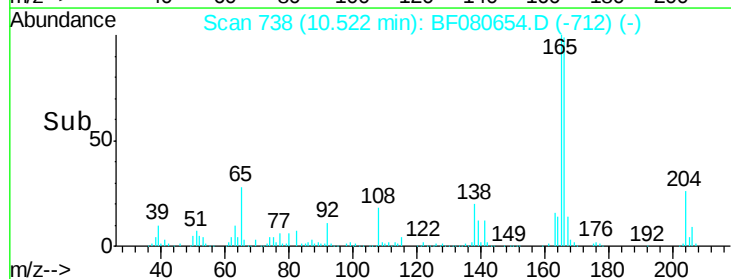
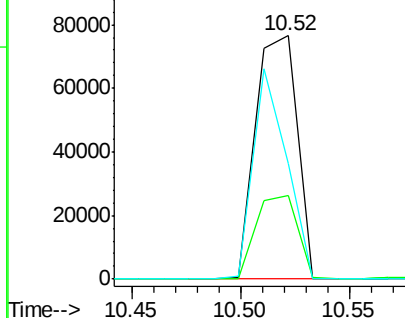


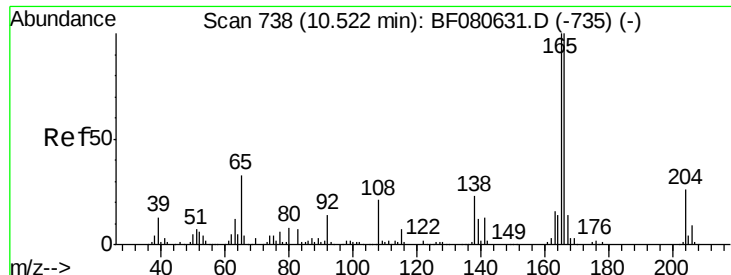
#60
4-Chlorophenyl-phenylether
Concen: 36.46 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF080654.D
Acq: 25 Jul 2015 6:59

Tgt Ion:204 Resp: 102602
Ion Ratio Lower Upper
204 100
206 34.2 28.6 43.0
141 47.7 41.0 61.6



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: 35.91 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15MSD

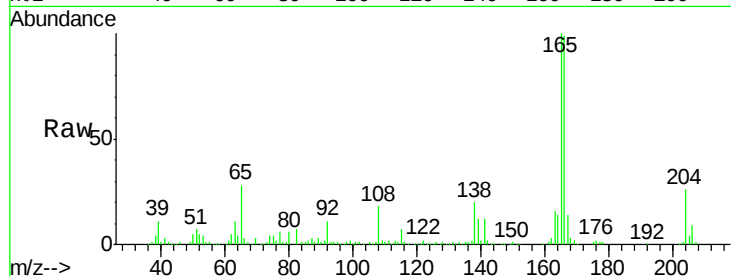
Tgt Ion:138 Resp: 49830

Ion Ratio Lower Upper

138 100

92 55.6 38.2 78.2

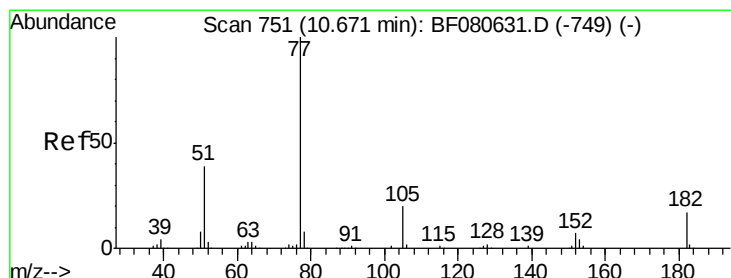
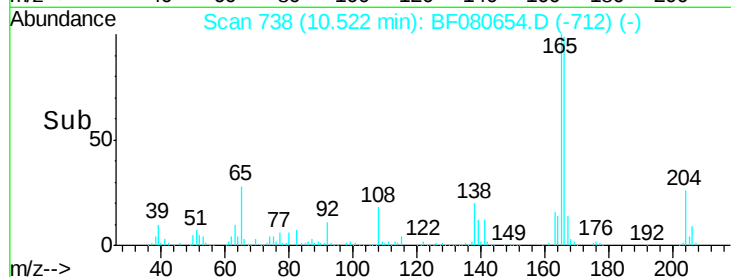
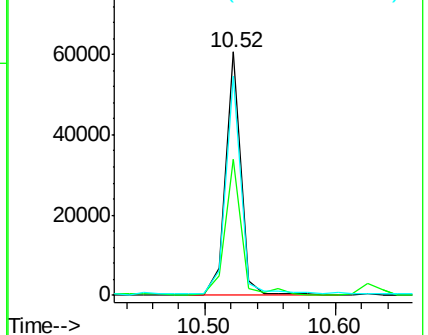
108 89.8 70.7 110.7



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: 37.40 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

Tgt Ion: 77 Resp: 238887

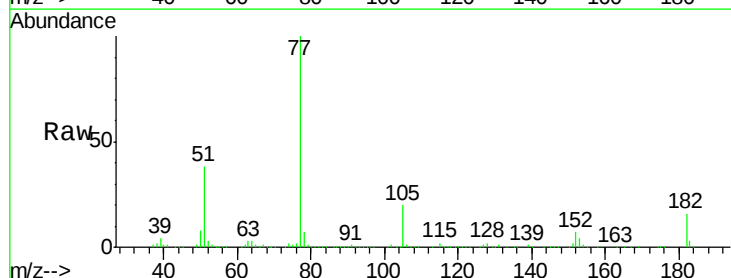
Ion Ratio Lower Upper

77 100

182 16.5 0.0 36.7

105 19.7 0.0 39.6

51 37.9 18.7 58.7

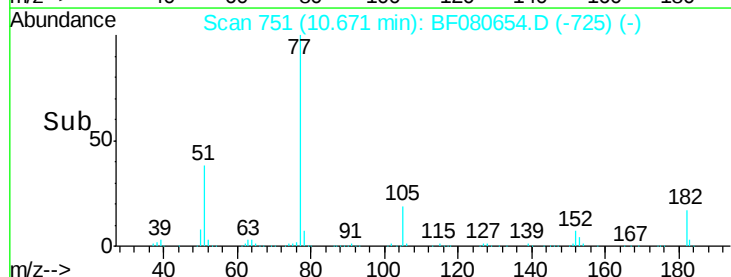
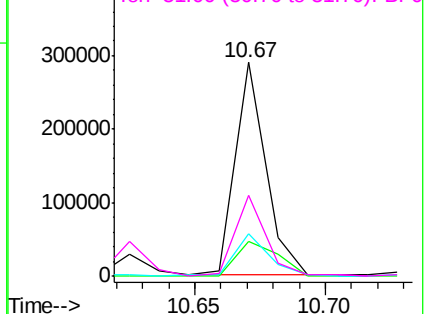


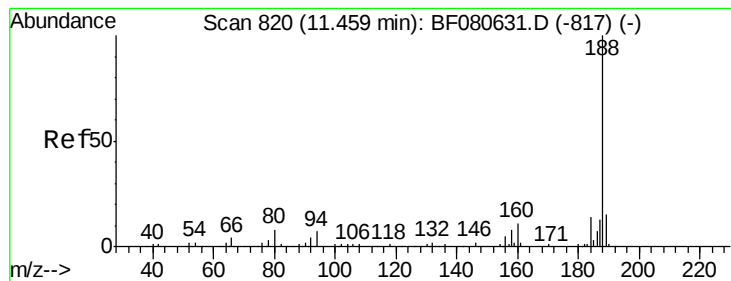
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.46 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15MSD

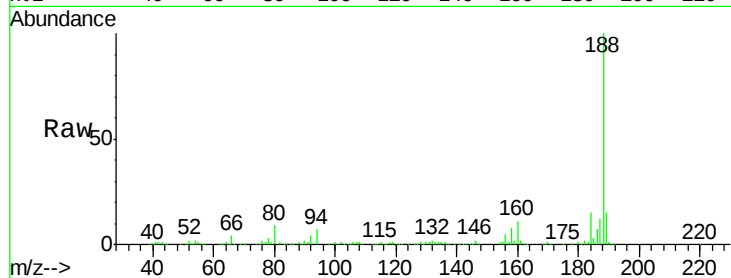
Tgt Ion:188 Resp: 159777

Ion Ratio Lower Upper

188 100

94 6.7 5.6 8.4

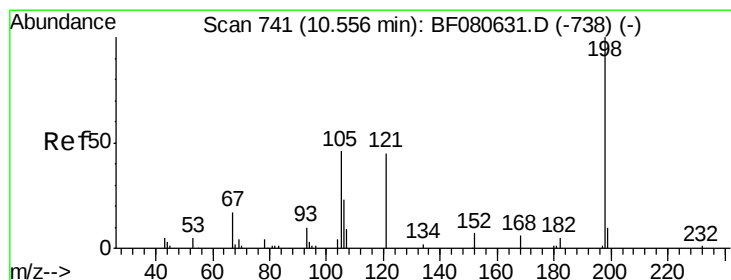
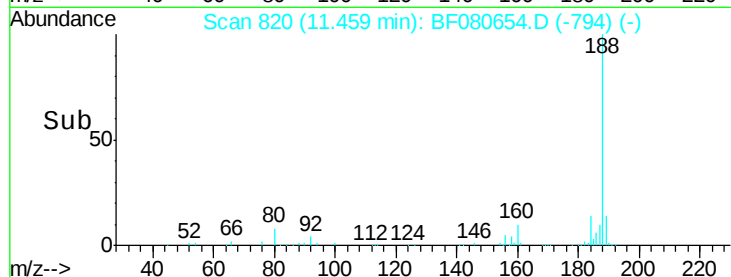
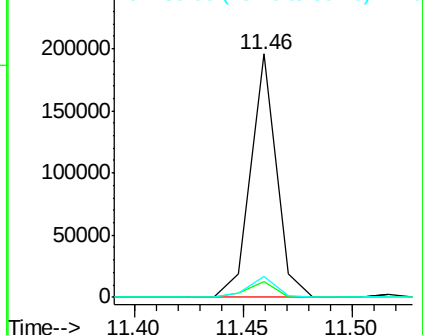
80 8.7 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.14 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

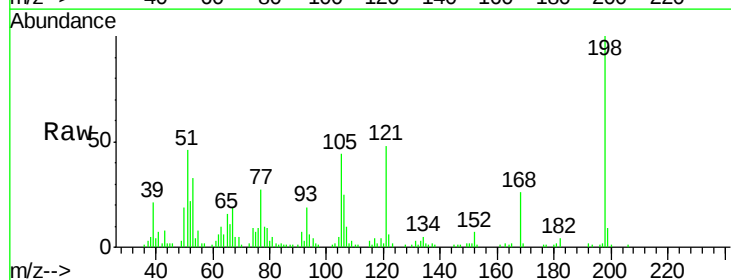
Tgt Ion:198 Resp: 35603

Ion Ratio Lower Upper

198 100

51 46.5 31.1 71.1

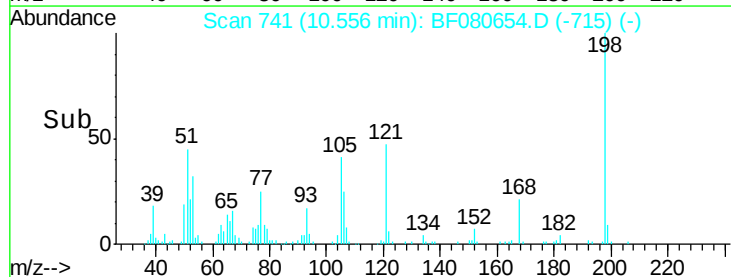
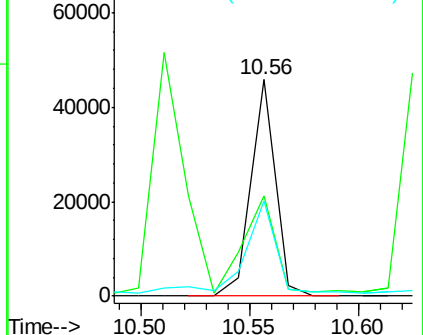
105 44.2 28.6 68.6

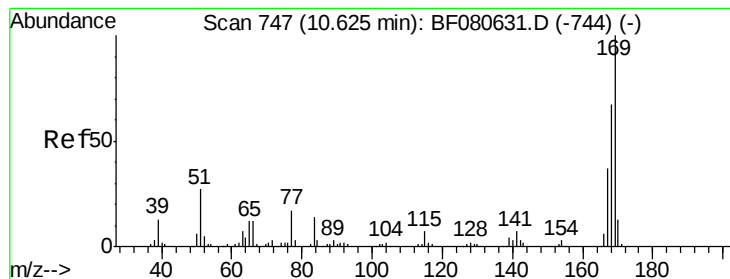


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.31 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15MSD

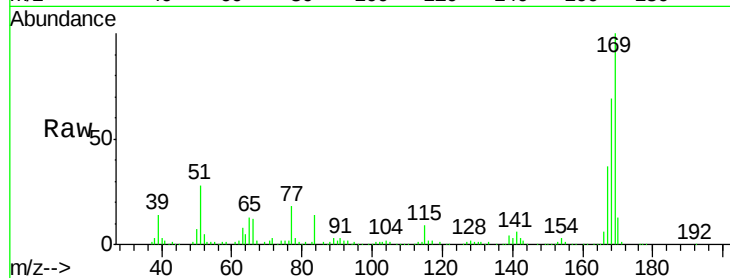
Tgt Ion:169 Resp: 187576

Ion Ratio Lower Upper

169 100

168 68.8 53.4 80.2

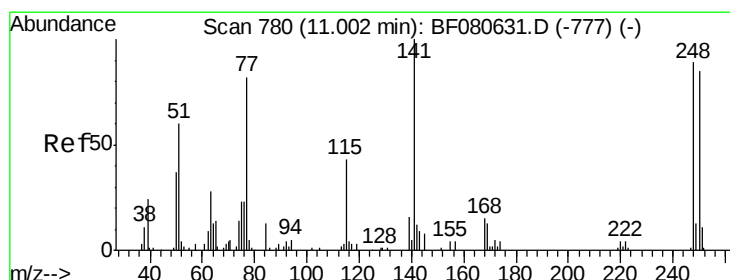
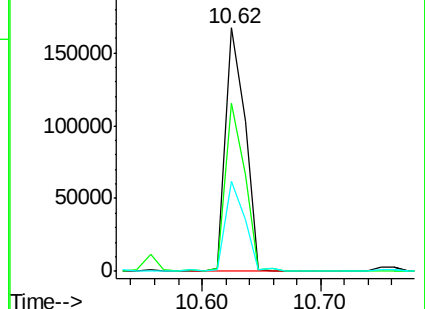
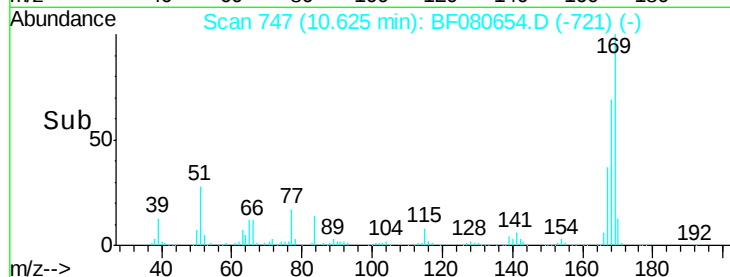
167 36.9 29.4 44.0



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: 39.15 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

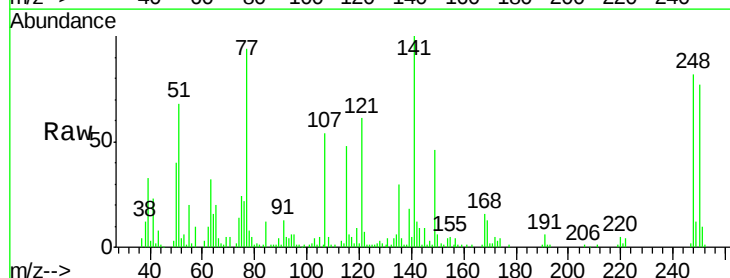
Tgt Ion:248 Resp: 58925

Ion Ratio Lower Upper

248 100

250 94.8 76.6 114.8

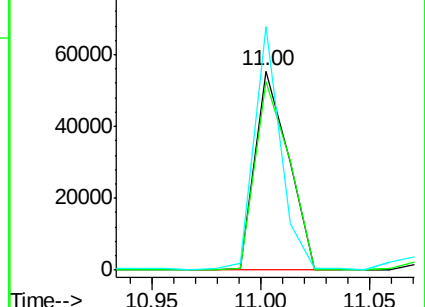
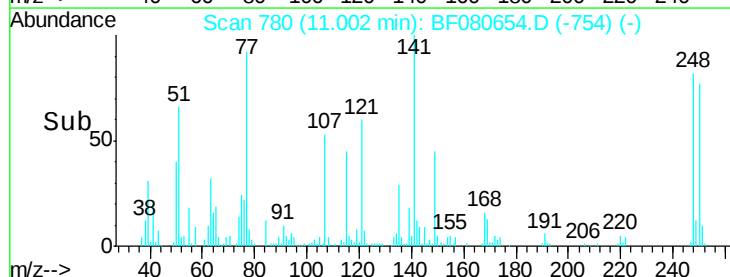
141 122.4 90.0 135.0

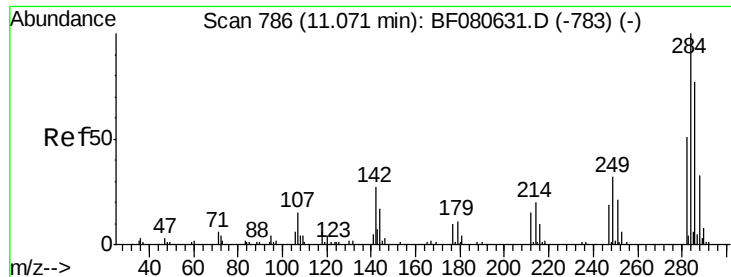


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

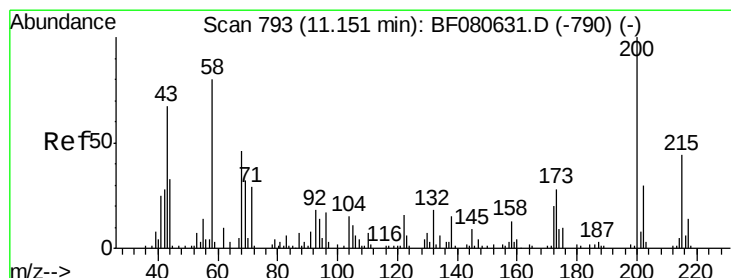
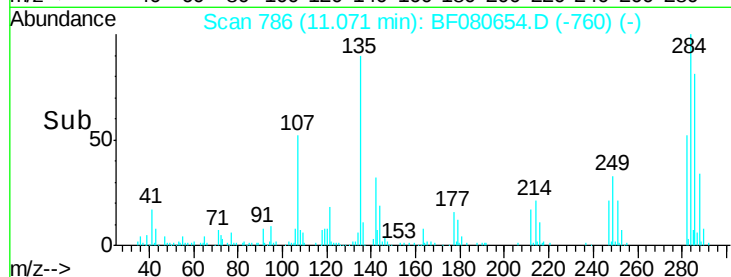
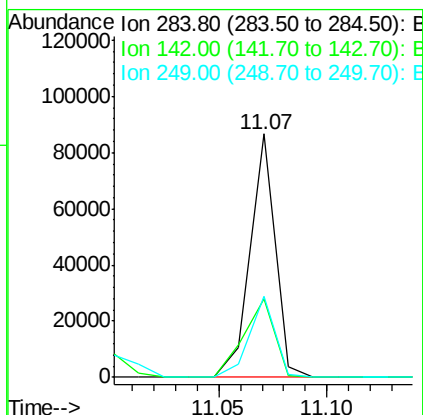
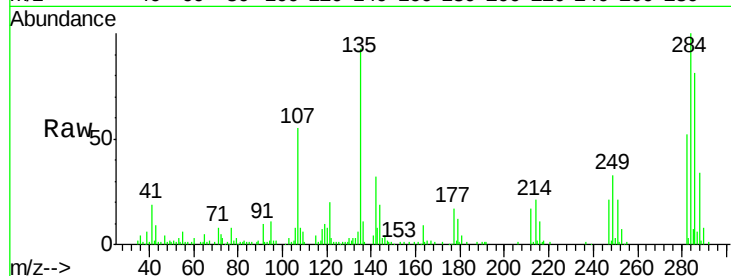




#67
Hexachlorobenzene
Concen: 37.82 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF080654.D
Acq: 25 Jul 2015 6:59

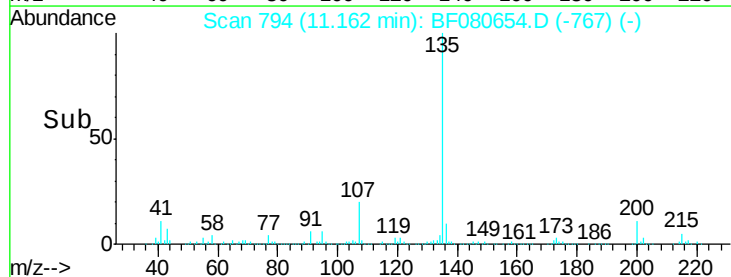
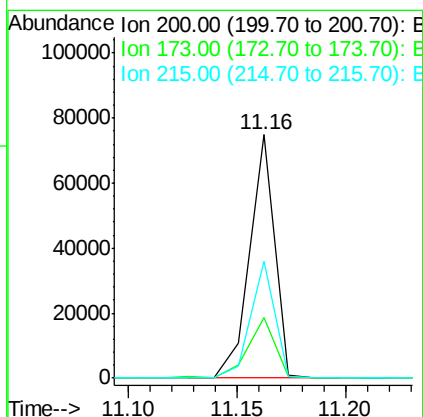
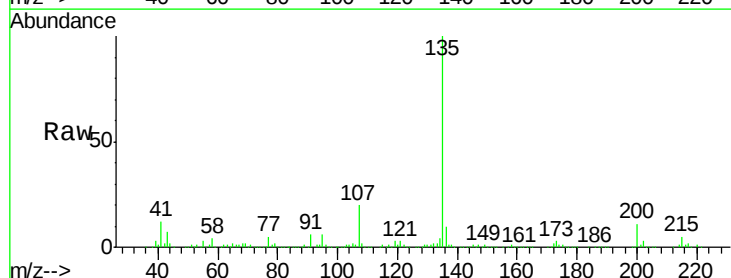
Instrument :
BNA_F
ClientSampleId :
MW-6-7-22-15MSD

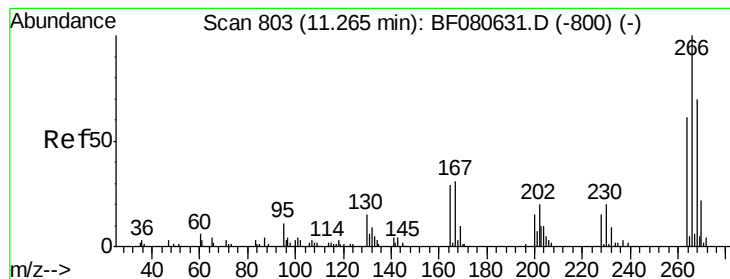
Tgt Ion:284 Resp: 69350
Ion Ratio Lower Upper
284 100
142 32.0 21.2 31.8#
249 33.1 25.9 38.9



#68
Atrazine
Concen: 41.58 ng
RT: 11.16 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF080654.D
Acq: 25 Jul 2015 6:59

Tgt Ion:200 Resp: 59176
Ion Ratio Lower Upper
200 100
173 25.1 8.6 48.6
215 48.1 24.1 64.1





#69

Pentachlorophenol

Concen: 84.59 ng

RT: 11.26 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15MSD

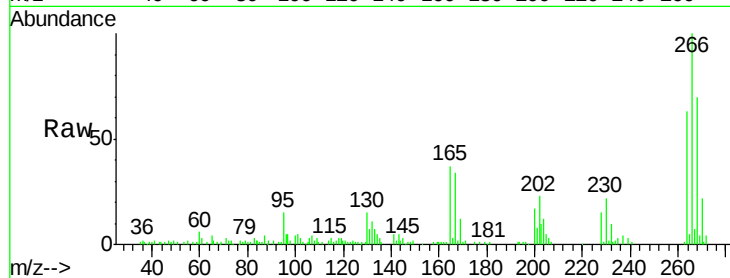
Tgt Ion:266 Resp: 77359

Ion Ratio Lower Upper

266 100

268 70.0 55.6 83.4

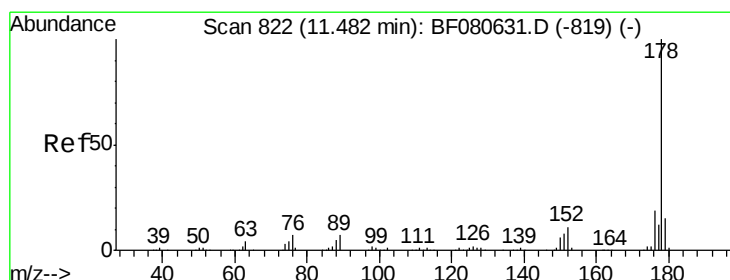
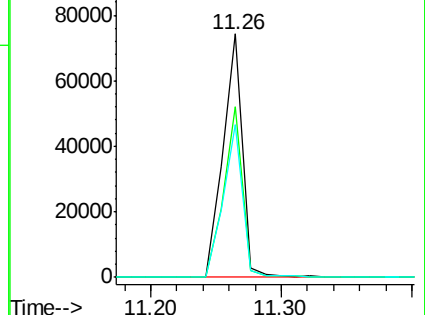
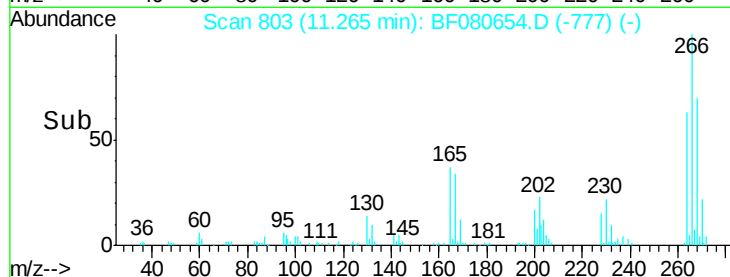
264 62.7 48.7 73.1



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: 39.20 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

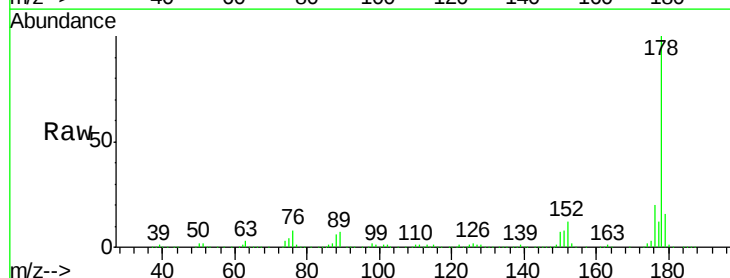
Tgt Ion:178 Resp: 345714

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

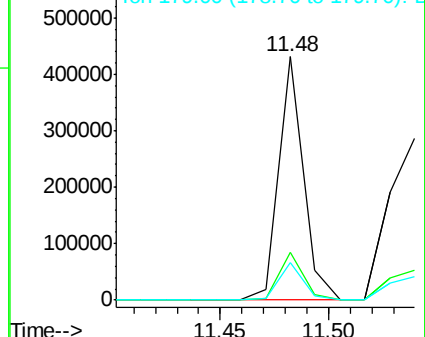
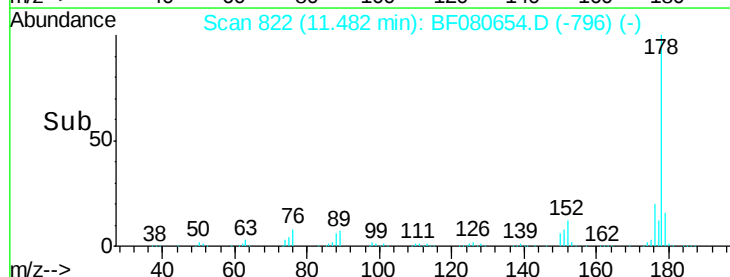
179 15.6 11.8 17.8

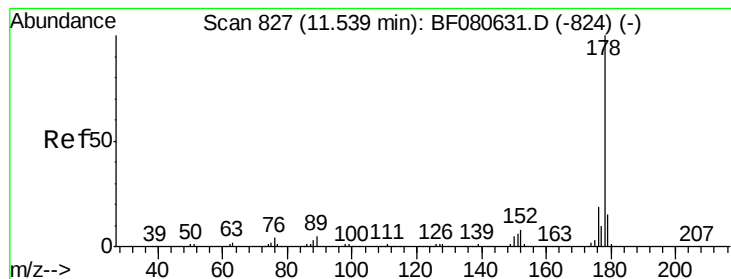


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

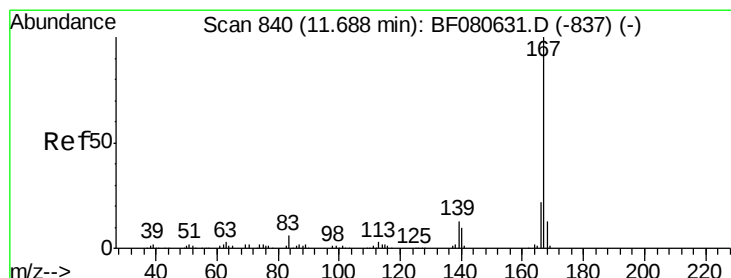
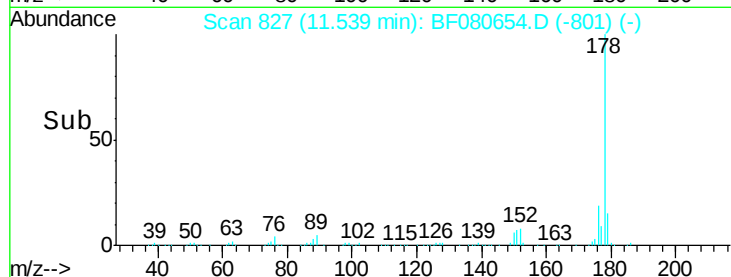
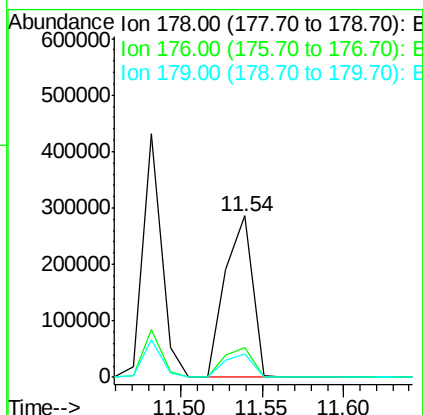
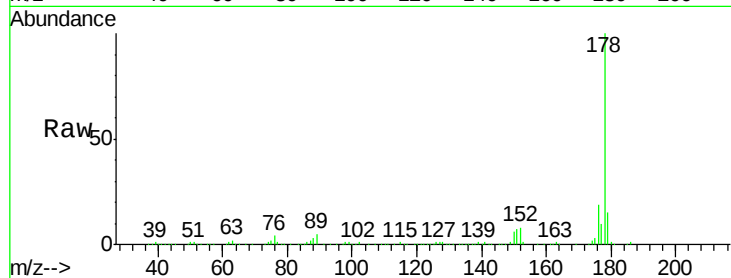




#71
 Anthracene
 Concen: 38.86 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

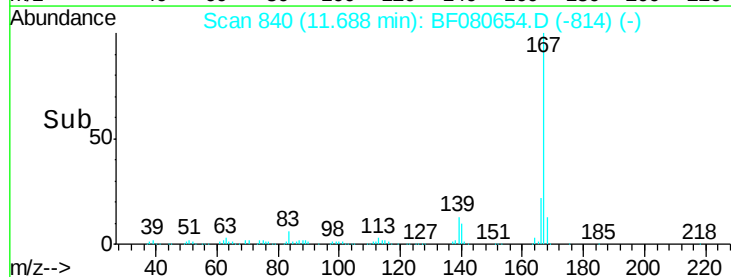
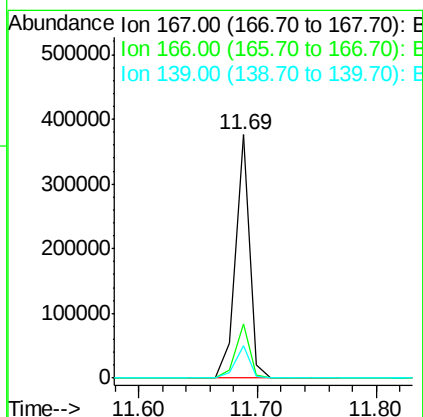
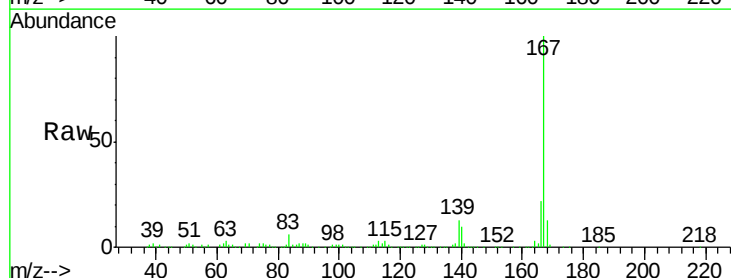
Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15MSD

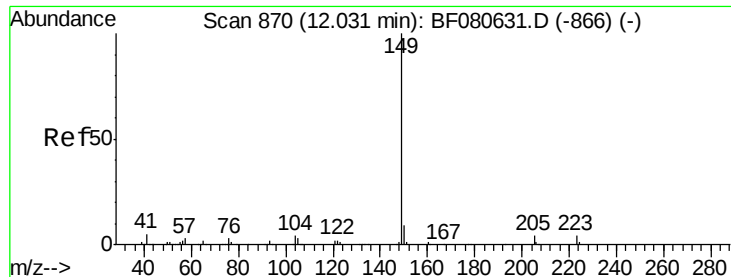
Tgt Ion:178 Resp: 330528
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.0 22.6
 179 14.9 12.1 18.1



#72
 Carbazole
 Concen: 40.24 ng
 RT: 11.69 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

Tgt Ion:167 Resp: 310019
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.9 26.9
 139 13.2 10.6 15.8





#73

Di-n-butylphthalate

Concen: 41.50 ng

RT: 12.03 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15MSD

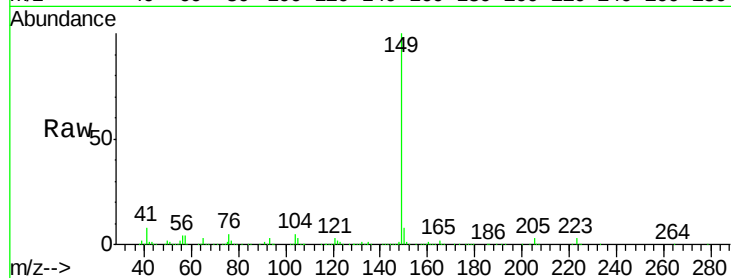
Tgt Ion:149 Resp: 396061

Ion Ratio Lower Upper

149 100

150 8.5 7.3 10.9

104 4.8 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

600000

500000

400000

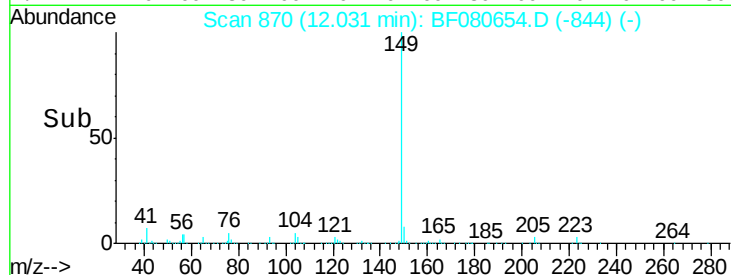
300000

200000

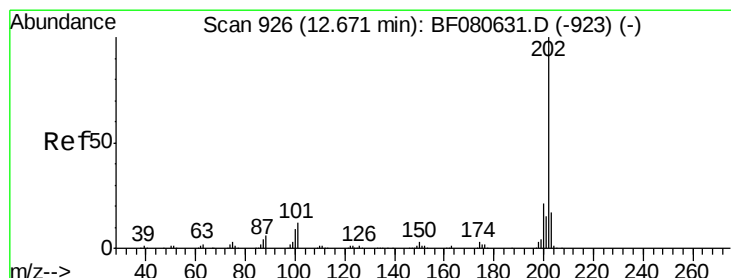
100000

0

11.95 12.00 12.05



Time-->



#74

Fluoranthene

Concen: 39.36 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.02 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

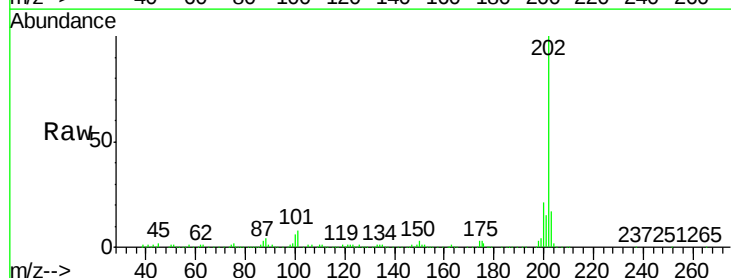
Tgt Ion:202 Resp: 335469

Ion Ratio Lower Upper

202 100

101 7.8 0.0 32.0

203 17.4 0.0 37.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

500000

400000

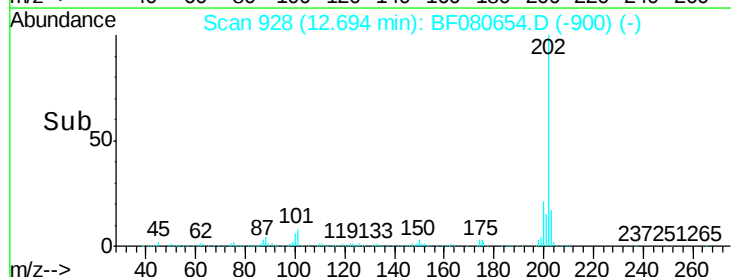
300000

200000

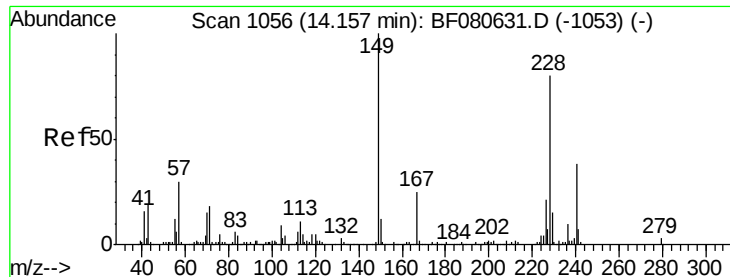
100000

0

12.60 12.70 12.80



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.11 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15MSD

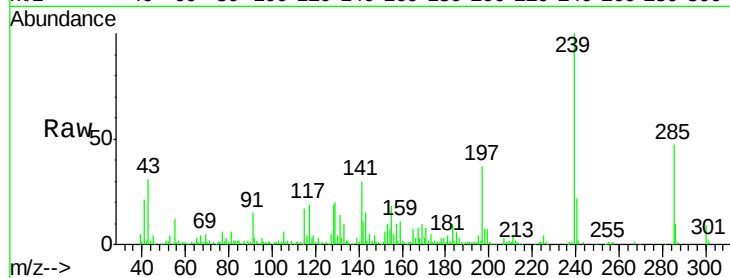
Tgt Ion:240 Resp: 40385

Ion Ratio Lower Upper

240 100

120 3.4 10.8 16.2#

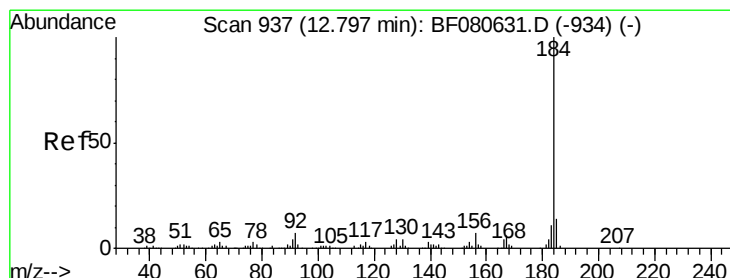
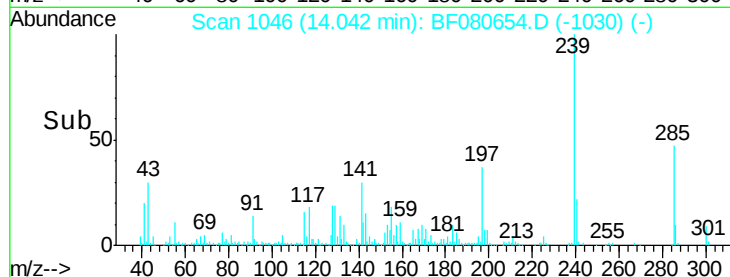
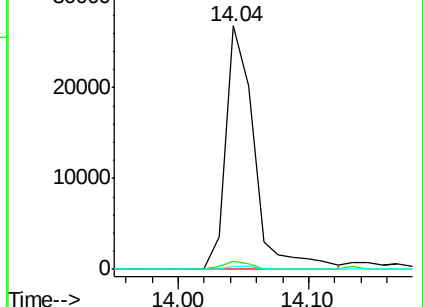
236 1.1 20.3 30.5#



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: 63.02 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.02 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

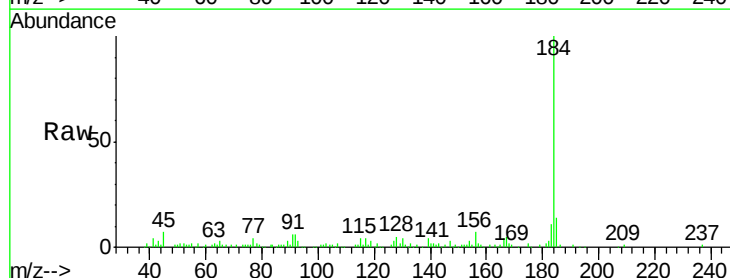
Tgt Ion:184 Resp: 86520

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.0

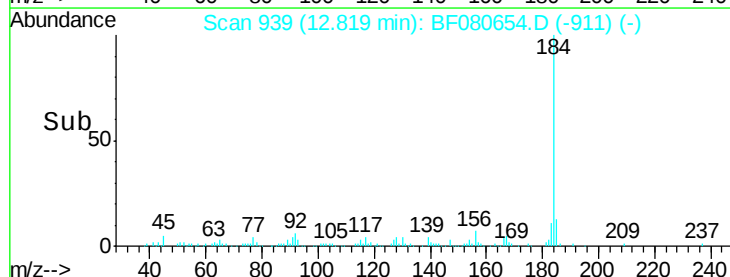
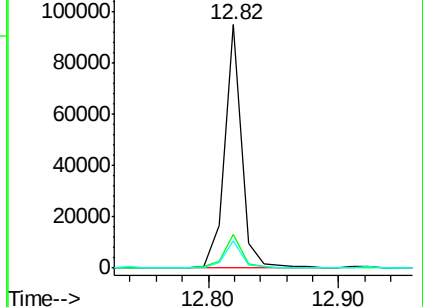
183 11.4 9.0 13.6

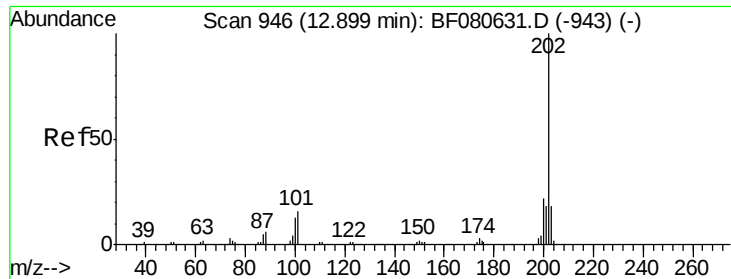


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 132.63 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.21 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15MSD

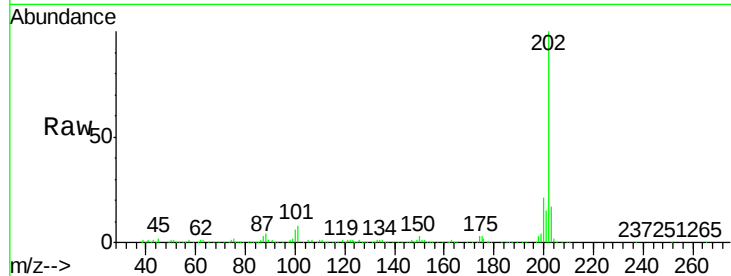
Tgt Ion:202 Resp: 335469

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.0

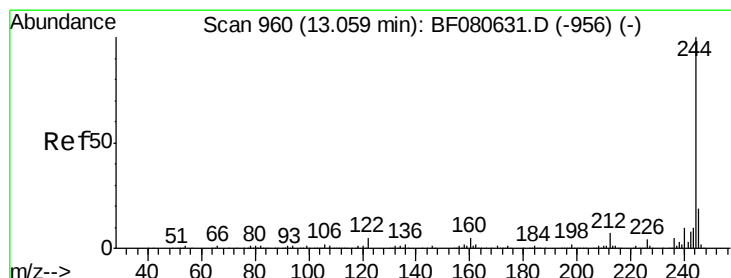
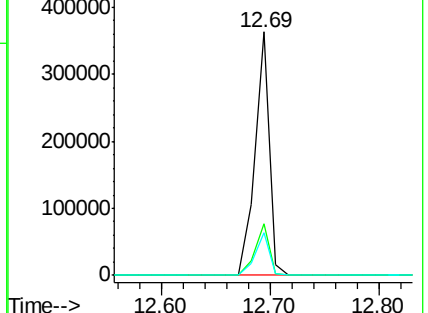
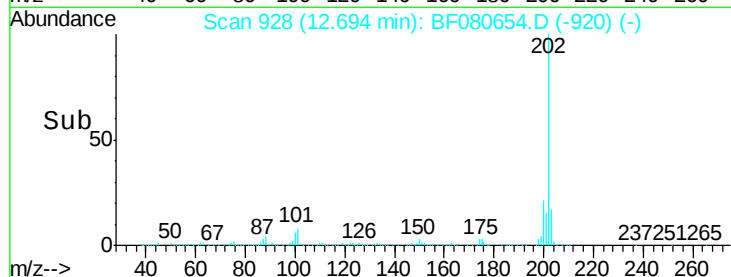
203 17.4 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 259.03 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.02 min

Lab File: BF080654.D

Acq: 25 Jul 2015 6:59

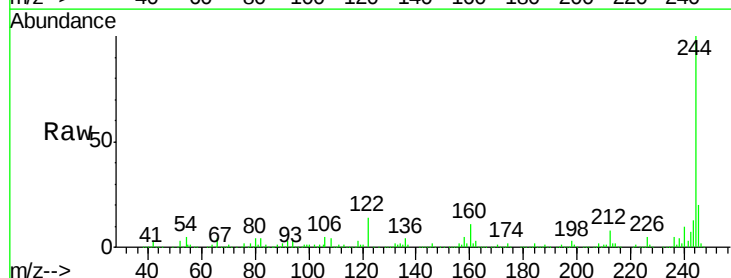
Tgt Ion:244 Resp: 485831

Ion Ratio Lower Upper

244 100

212 8.4 5.2 7.8#

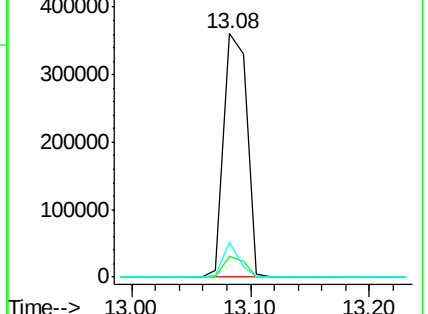
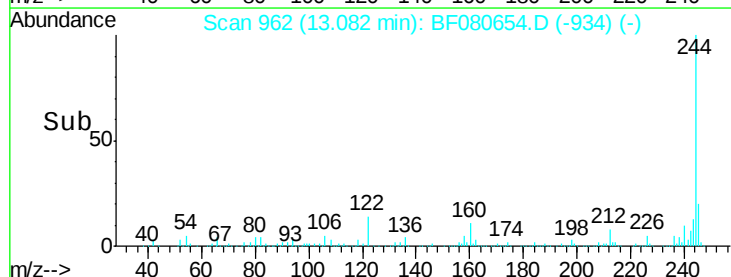
122 14.4 4.1 6.1#

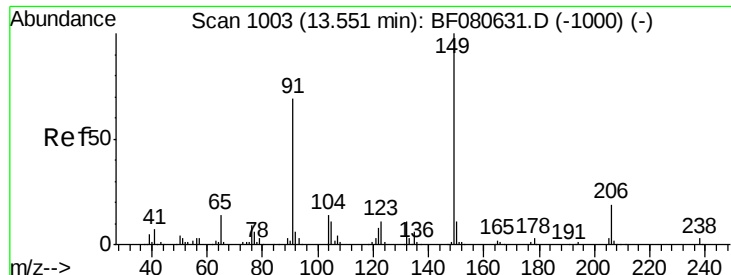


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

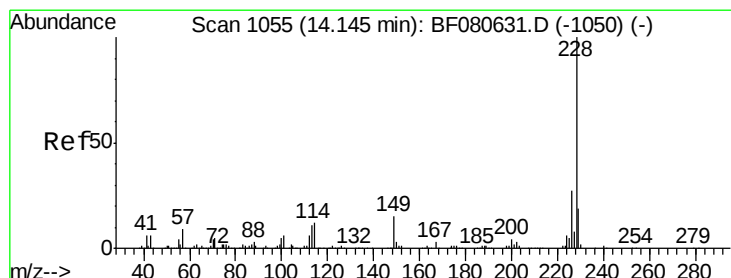
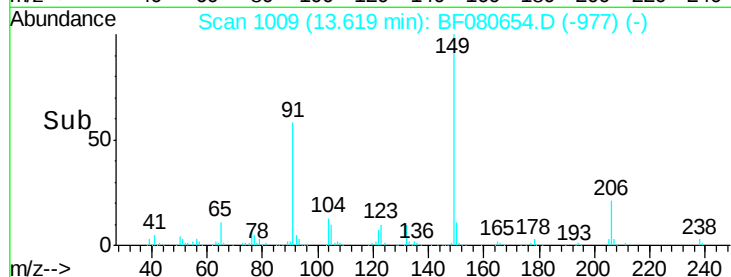
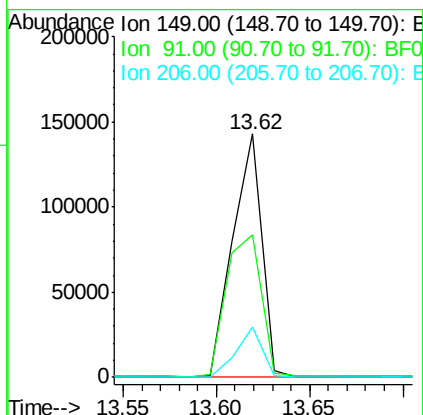
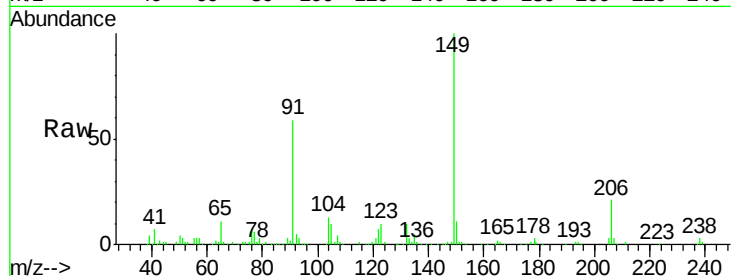




#79
Butylbenzylphthalate
Concen: 143.90 ng
RT: 13.62 min Scan# 1009
Delta R.T. 0.07 min
Lab File: BF080654.D
Acq: 25 Jul 2015 6:59

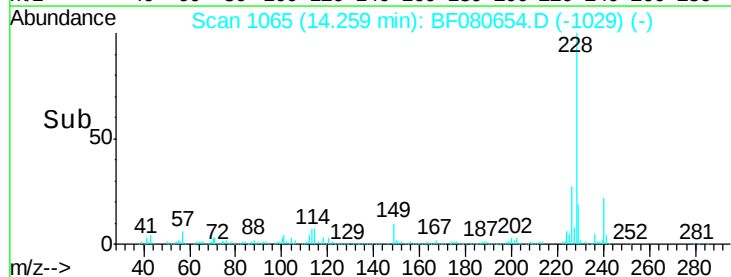
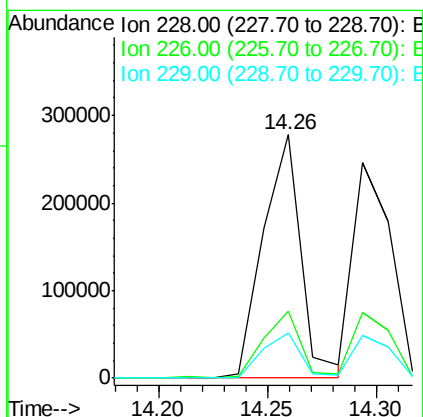
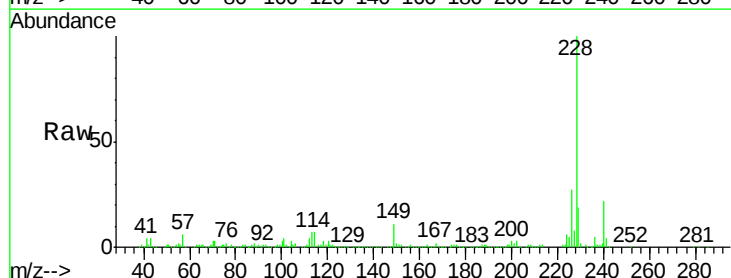
Instrument :
BNA_F
ClientSampleId :
MW-6-7-22-15MSD

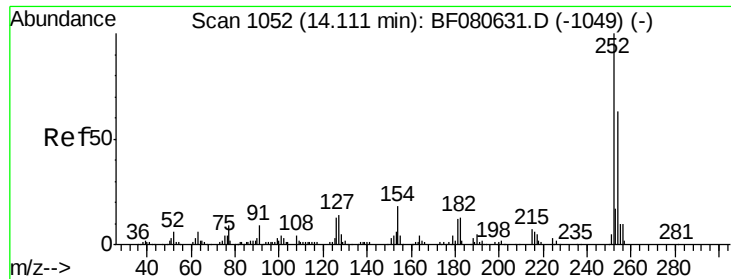
Tgt Ion:149 Resp: 157430
Ion Ratio Lower Upper
149 100
91 58.7 55.0 82.4
206 20.7 15.0 22.6



#80
Benzo(a)anthracene
Concen: 142.31 ng
RT: 14.26 min Scan# 1065
Delta R.T. 0.11 min
Lab File: BF080654.D
Acq: 25 Jul 2015 6:59

Tgt Ion:228 Resp: 337215
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 18.7 15.4 23.0

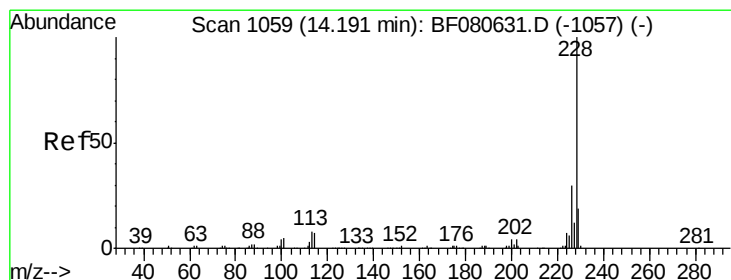
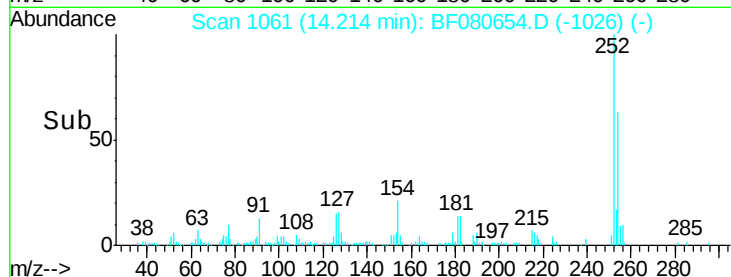
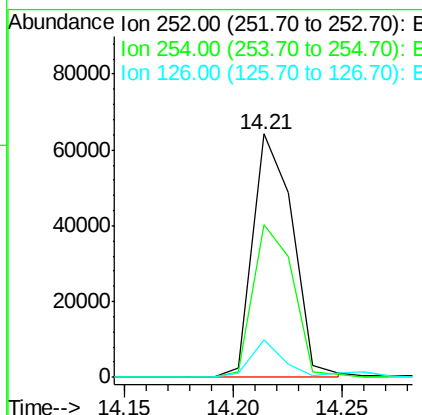
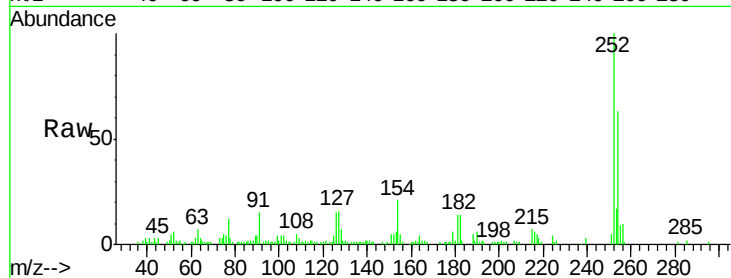




#81
 3,3'-Dichlorobenzidine
 Concen: 106.24 ng
 RT: 14.21 min Scan# 1061
 Delta R.T. 0.10 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

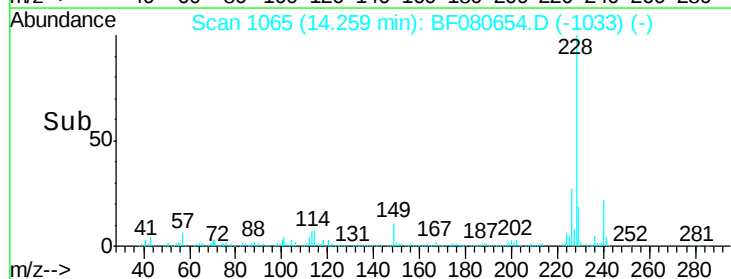
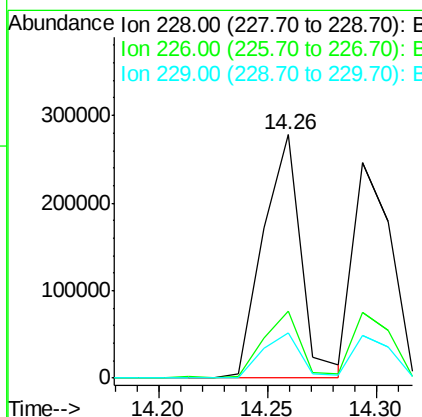
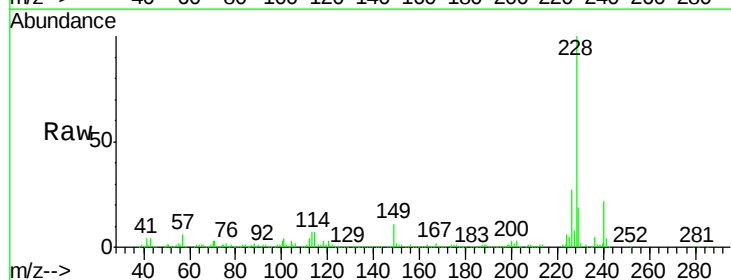
Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15MSD

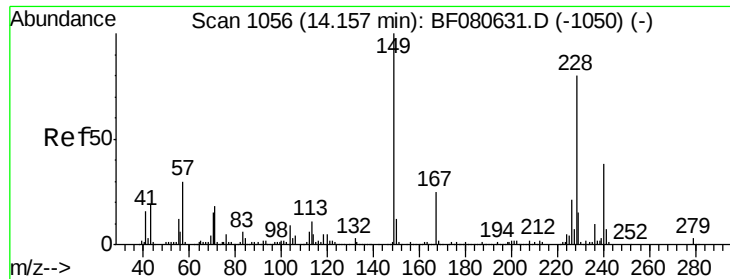
Tgt Ion:252 Resp: 81853
 Ion Ratio Lower Upper
 252 100
 254 62.5 50.4 75.6
 126 15.2 10.6 15.8



#82
 Chrysene
 Concen: 151.93 ng
 RT: 14.26 min Scan# 1065
 Delta R.T. 0.07 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

Tgt Ion:228 Resp: 337215
 Ion Ratio Lower Upper
 228 100
 226 27.4 24.2 36.4
 229 18.7 15.4 23.2

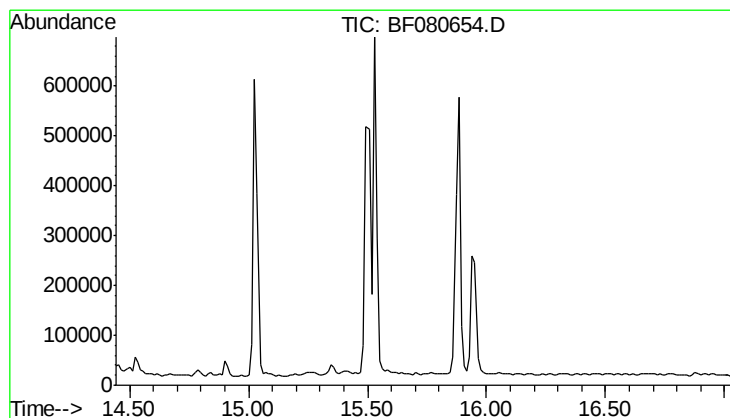
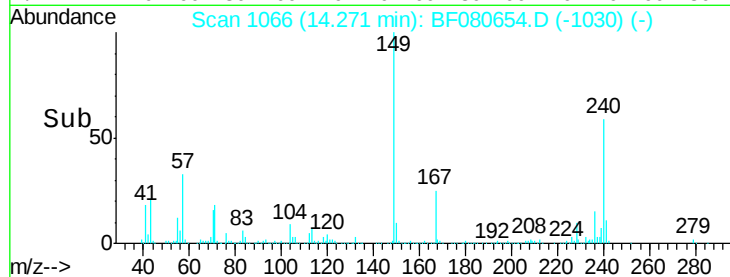
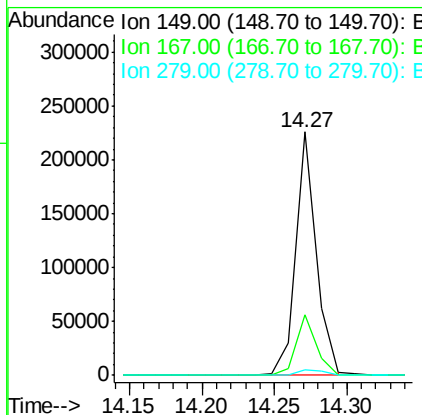
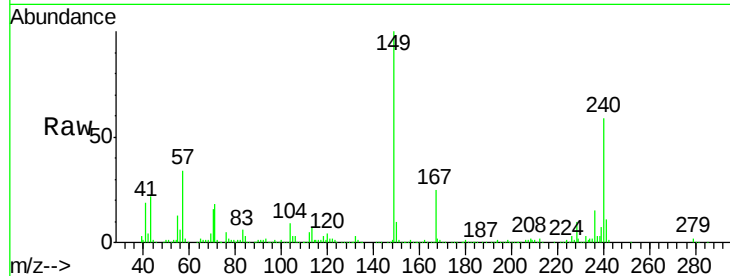




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 134.17 ng
 RT: 14.27 min Scan# 1066
 Delta R.T. 0.11 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15MSD

Tgt Ion: 149 Resp: 221191
 Ion Ratio Lower Upper
 149 100
 167 24.6 19.7 29.5
 279 2.4 2.2 3.4



#86
 Perylene-d12
 Concen: 0.00 ng
 Expected RT: 15.73 min
 Lab File: BF080654.D
 Acq: 25 Jul 2015 6:59

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 25.1
 265 21.7

