

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081361.D
 Acq On : 2 Sep 2015 21:46
 Operator : UM/IZ
 Sample : G3484-05MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW01-082815MSD

Quant Time: Sep 03 00:23:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 03 00:20:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	110625	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	402973	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	184913	20.00	ng	0.00
63) Phenanthrene-d10	10.89	188	370851	20.00	ng	0.01
75) Chrysene-d12	13.50	240	280616	20.00	ng	0.00
86) Perylene-d12	14.80	264	205289	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.94	112	249717	35.02	ng	0.01
7) Phenol-d6	6.06	99	222401	23.56	ng	0.00
23) Nitrobenzene-d5	6.97	82	425470	50.94	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	111432	67.68	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	718281	49.78	ng	0.00
78) Terphenyl-d14	12.47	244	565263	46.89	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.77	88	25219	7.88	ng	# 86
3) Pyridine	2.35	79	39043	4.42	ng	# 89
4) n-Nitrosodimethylamine	2.27	42	47043	9.59	ng	# 82
6) Aniline	6.04	93	137081	10.29	ng	# 73
8) 2-Chlorophenol	6.17	128	149401	19.02	ng	# 83
9) Benzaldehyde	5.92	77	27467	4.64	ng	# 72
10) Phenol	6.07	94	86501	7.90	ng	# 64
11) bis(2-Chloroethyl)ether	6.14	93	166043	21.03	ng	# 86
12) 1,3-Dichlorobenzene	6.32	146	153526	18.29	ng	# 85
13) 1,4-Dichlorobenzene	6.41	146	158930	18.59	ng	# 94
14) 1,2-Dichlorobenzene	6.41	146	158930	20.65	ng	# 97
15) Benzyl Alcohol	6.55	79	113346	14.64	ng	# 64
16) 2,2'-oxybis(1-Chloropropan	6.70	45	350343	23.15	ng	# 88
17) 2-Methylphenol	6.68	107	104885	16.73	ng	# 75
18) Hexachloroethane	6.90	117	64442	19.38	ng	# 82
19) n-Nitroso-di-n-propylamine	6.83	70	144855	22.55	ng	# 87
20) 3+4-Methylphenols	6.84	107	122293	14.47	ng	# 90
22) Acetophenone	6.82	105	267435	24.30	ng	# 82
24) Nitrobenzene	6.98	77	183661	21.17	ng	# 59
25) Isophorone	7.23	82	371022	23.88	ng	# 84
26) 2-Nitrophenol	7.30	139	79504	21.03	ng	# 27
27) 2,4-Dimethylphenol	7.37	122	150537	23.05	ng	# 80
28) bis(2-Chloroethoxy)methane	7.46	93	235757	26.27	ng	# 93
29) 2,4-Dichlorophenol	7.55	162	134227	23.71	ng	# 91
30) 1,2,4-Trichlorobenzene	7.62	180	135750	22.07	ng	# 94
31) Naphthalene	7.70	128	509860	23.72	ng	# 98
32) Benzoic acid	7.48	122	36272	9.91	ng	# 54
33) 4-Chloroaniline	7.77	127	134907	15.39	ng	# 93
34) Hexachlorobutadiene	7.83	225	84295	22.52	ng	# 99
35) Caprolactam	8.19	113	7435	4.28	ng	# 6
36) 4-Chloro-3-methylphenol	8.26	107	153969	24.29	ng	# 79
37) 2-Methylnaphthalene	8.39	142	295420	21.12	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	144586	24.72	ng	# 98
40) Hexachlorocyclopentadiene	8.55	237	140535	48.97	ng	# 97

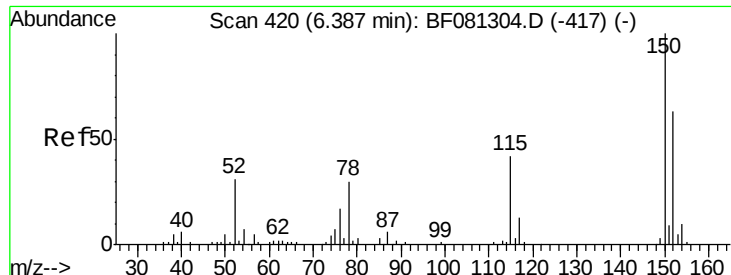
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	89048	22.06	nq	98
43) 2,4,5-Trichlorophenol	8.72	196	102994	25.01	nq	# 89
45) 1,1'-Biphenyl	8.86	154	372843	21.92	nq	95
46) 2-Chloronaphthalene	8.88	162	303278	24.69	nq	94
47) 2-Nitroaniline	8.98	65	122800	24.53	nq	# 59
48) Acenaphthylene	9.28	152	450355	20.66	nq	96
49) Dimethylphthalate	9.18	163	389156	27.09	nq	# 97
50) 2,6-Dinitrotoluene	9.23	165	80366	24.65	nq	# 43
51) Acenaphthene	9.45	154	255209	20.58	nq	90
52) 3-Nitroaniline	9.39	138	67439	18.17	nq	# 48
53) 2,4-Dinitrophenol	9.51	184	95177	69.30	nq	# 63
54) Dibenzofuran	9.62	168	399477	22.07	nq	# 82
55) 4-Nitrophenol	9.58	139	44640	19.14	nq	# 1
56) 2,4-Dinitrotoluene	9.63	165	112518	27.10	nq	# 92
57) Fluorene	9.96	166	358252	26.08	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.71	232	75004	23.86	nq	95
59) Diethylphthalate	9.87	149	398382	26.36	nq	99
60) 4-Chlorophenyl-phenylether	9.96	204	146831	22.93	nq	# 78
61) 4-Nitroaniline	10.00	138	76993	20.53	nq	# 20
62) Azobenzene	10.12	77	436153	25.96	nq	85
64) 4,6-Dinitro-2-methylphenol	10.03	198	55102	26.56	nq	83
65) n-Nitrosodiphenylamine	10.09	169	293449	21.75	nq	91
66) 4-Bromophenyl-phenylether	10.44	248	81785	21.81	nq	# 76
67) Hexachlorobenzene	10.50	284	85484	21.80	nq	# 81
68) Atrazine	10.63	200	81716	20.93	nq	82
69) Pentachlorophenol	10.71	266	109151	59.68	nq	99
70) Phenanthrene	10.91	178	510043	24.74	nq	97
71) Anthracene	10.96	178	450788	21.28	nq	97
72) Carbazole	11.12	167	451179	22.70	nq	# 95
73) Di-n-butylphthalate	11.47	149	551913	23.51	nq	# 97
74) Fluoranthene	12.08	202	477227	21.38	nq	91
77) Pyrene	12.31	202	555649	26.73	nq	97
79) Butylbenzylphthalate	12.96	149	244373	27.03	nq	99
80) Benzo(a)anthracene	13.49	228	423956	23.72	nq	97
81) 3,3'-Dichlorobenzidine	13.46	252	76251	12.65	nq	# 96
82) Chrysene	13.52	228	315461	19.69	nq	94
83) Bis(2-ethylhexyl)phthalate	13.52	149	304400	25.52	nq	# 89
84) Di-n-octyl phthalate	14.13	149	517274	26.33	nq	97
85) Indeno(1,2,3-cd)pyrene	15.90	276	280496	23.87	nq	# 87
87) Benzo(b)fluoranthene	14.50	252	655103	44.70	nq	# 86
88) Benzo(k)fluoranthene	14.50	252	655103	53.87	nq	# 86
89) Benzo(a)pyrene	14.75	252	280331	22.57	nq	# 88
90) Dibenzo(a,h)anthracene	15.91	278	232269	24.20	nq	# 78
91) Benzo(g,h,i)perylene	16.22	276	227866	24.88	nq	# 74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

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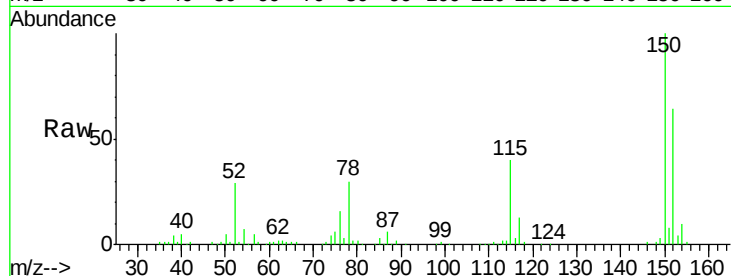
Tot Ion:152 Resp: 110625

Ion Ratio Lower Upper

152 100

150 155.8 124.7 187.1

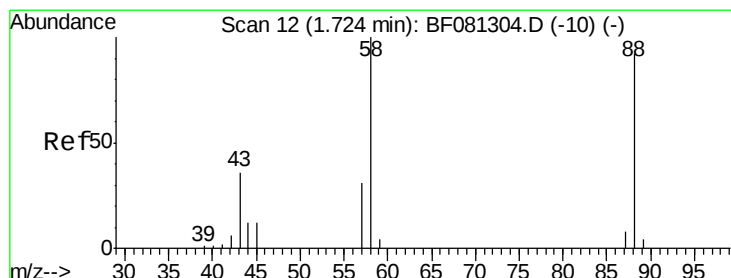
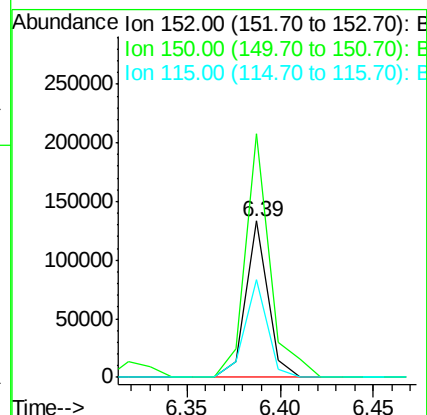
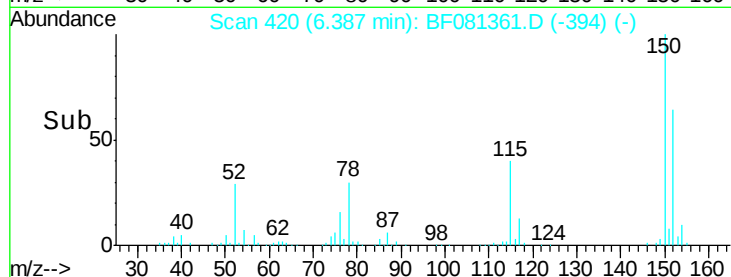
115 62.6 39.0 58.4#



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: 7.88 ng

RT: 1.77 min Scan# 16

Delta R.T. 0.02 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

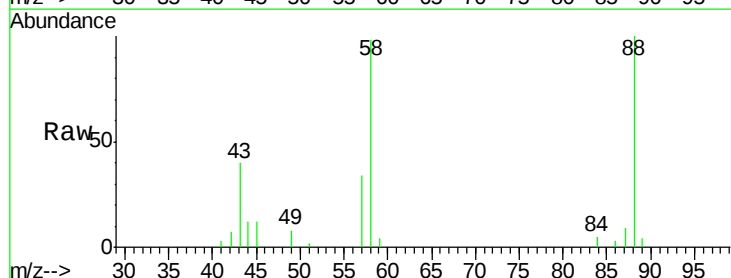
Tgt Ion: 88 Resp: 25219

Ion Ratio Lower Upper

88 100

58 104.6 77.7 116.5

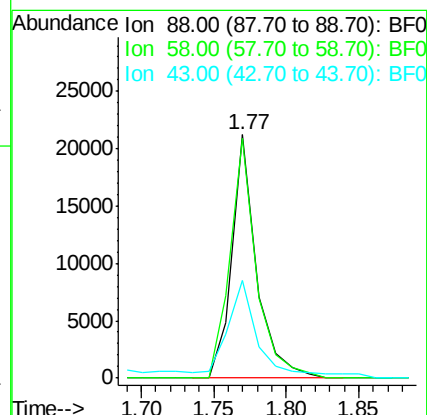
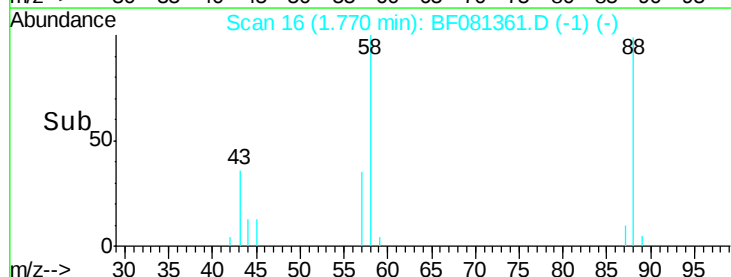
43 51.0 26.6 40.0#

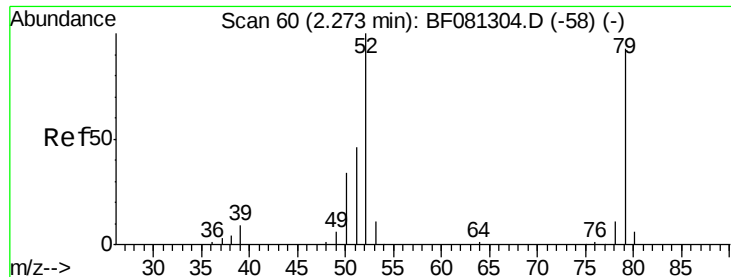


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 4.42 ng

RT: 2.35 min Scan# 67

Delta R.T. 0.07 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

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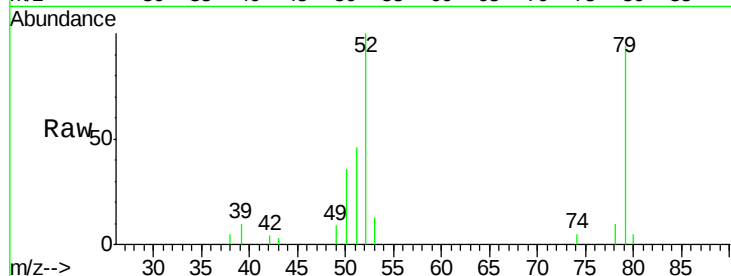
Tot Ion: 79 Resp: 39043

Ion Ratio Lower Upper

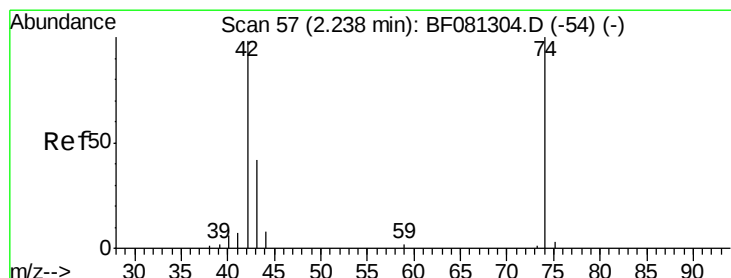
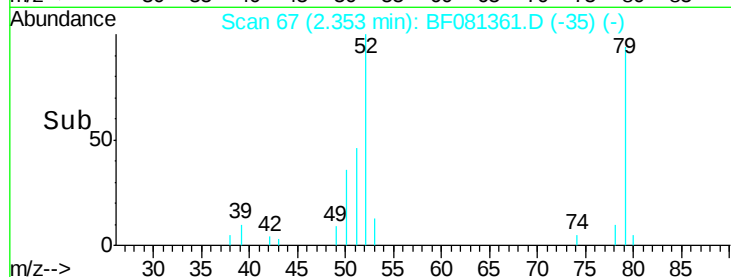
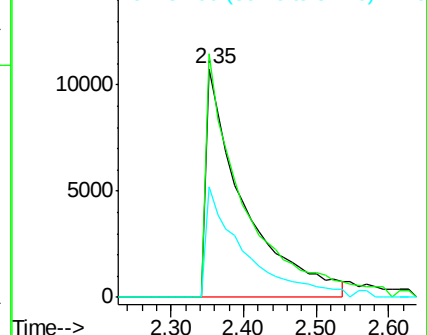
79 100

52 106.5 76.8 115.2

51 48.5 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 9.59 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.01 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

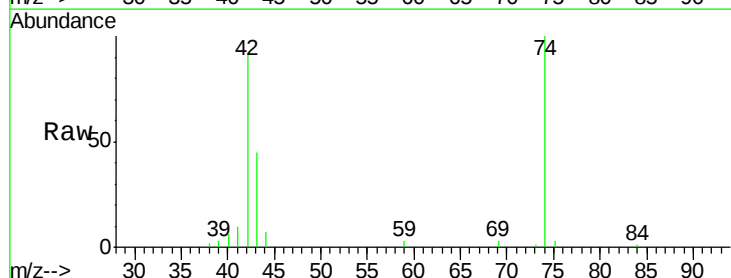
Tgt Ion: 42 Resp: 47043

Ion Ratio Lower Upper

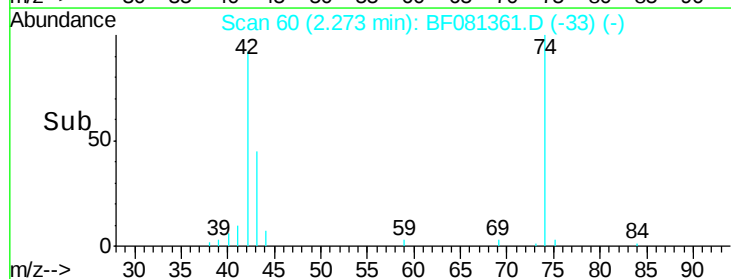
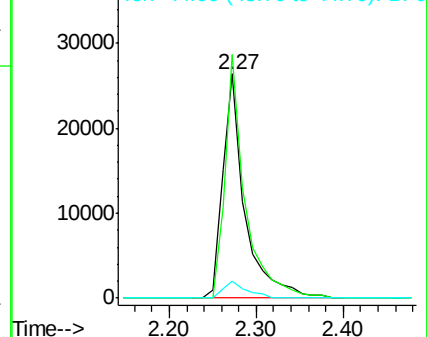
42 100

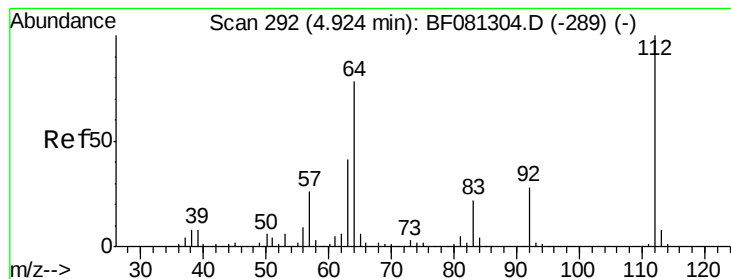
74 108.5 105.0 157.6

44 7.8 6.6 10.0



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 35.02 ng

RT: 4.94 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

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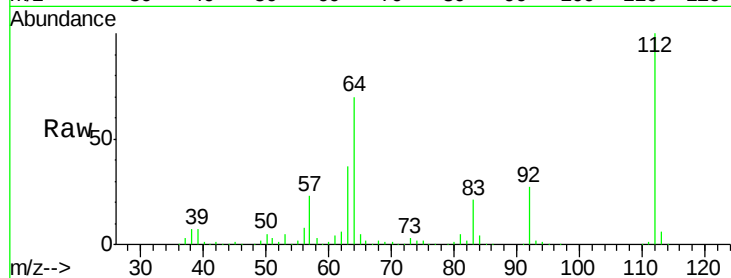
Tot Ion:112 Resp: 249717

Ion Ratio Lower Upper

112 100

64 69.7 39.7 59.5#

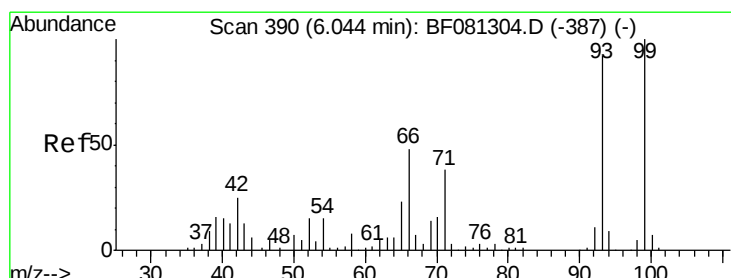
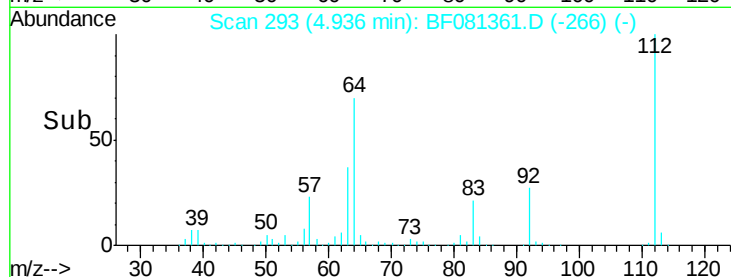
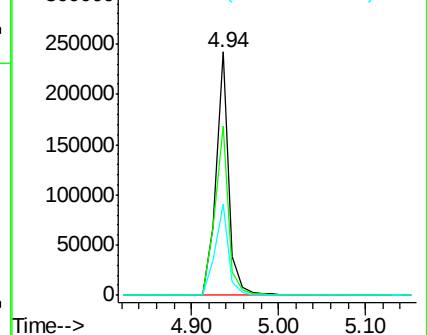
63 37.4 17.4 26.0#



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: 10.29 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

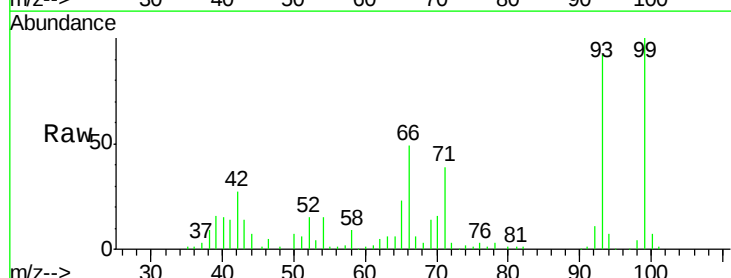
Tgt Ion: 93 Resp: 137081

Ion Ratio Lower Upper

93 100

66 52.8 27.2 40.8#

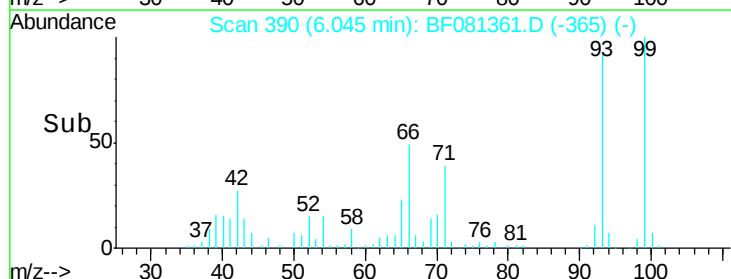
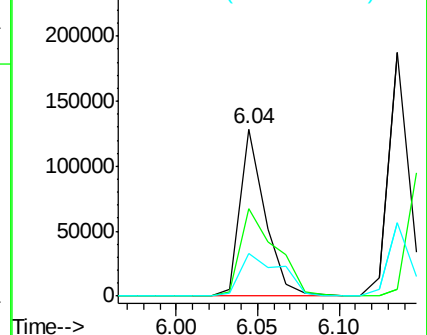
65 25.5 14.7 22.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 23.56 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

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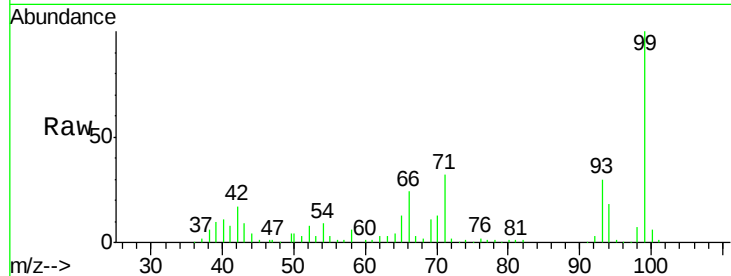
Tot Ion: 99 Resp: 222401

Ion Ratio Lower Upper

99 100

42 17.3 13.7 20.5

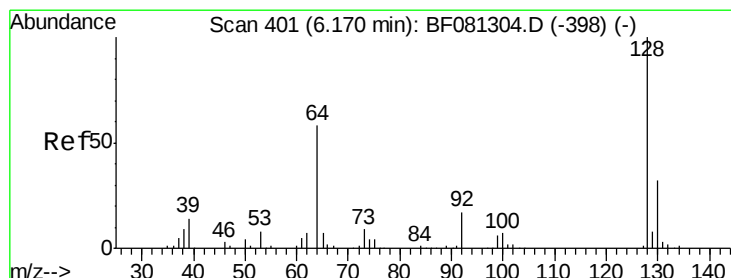
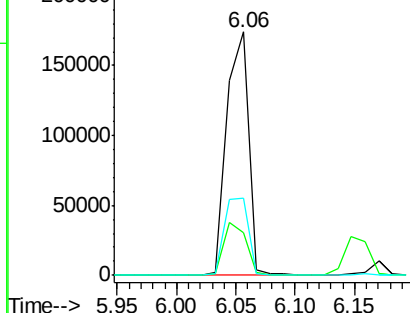
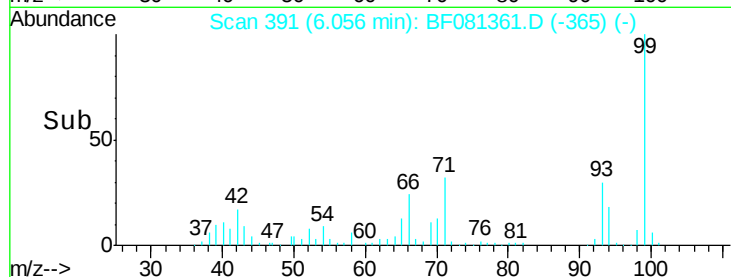
71 31.8 14.2 21.2#



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: 19.02 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

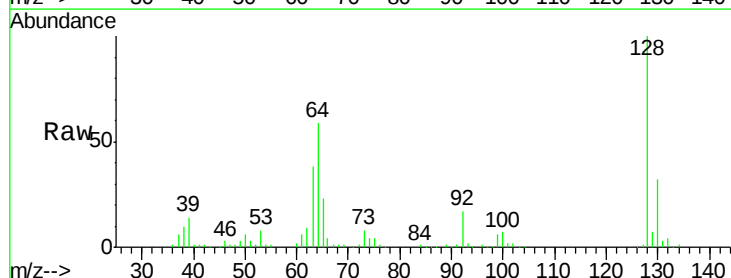
Tgt Ion: 128 Resp: 149401

Ion Ratio Lower Upper

128 100

130 31.8 12.2 52.2

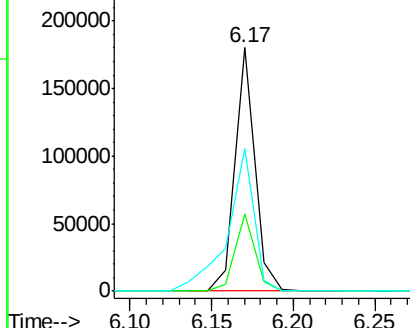
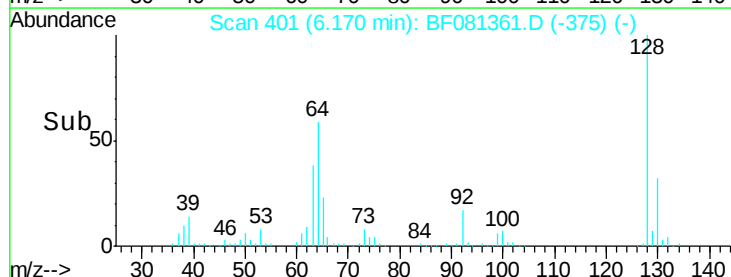
64 58.8 20.5 60.5



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: 4.64 ng

RT: 5.92 min Scan# 379

Delta R.T. 0.00 min

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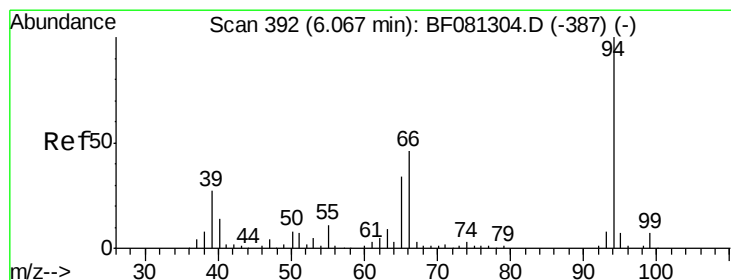
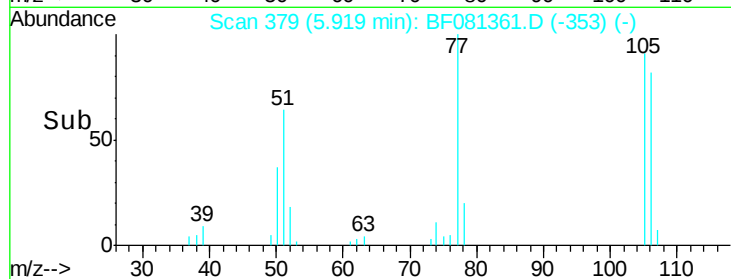
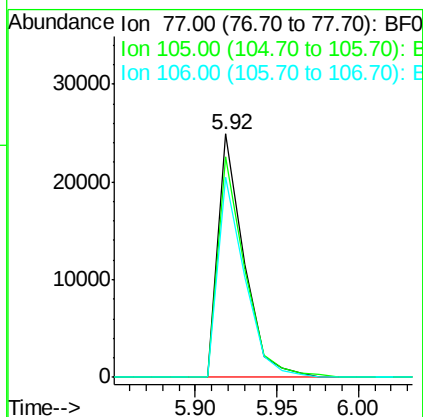
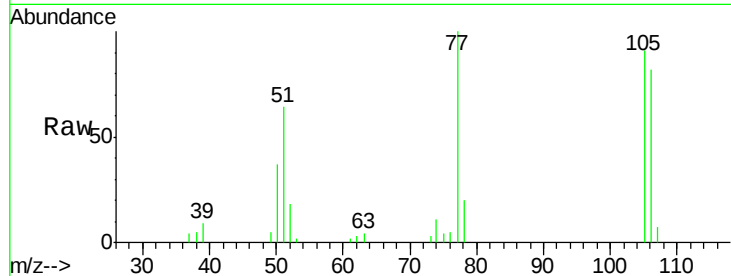
Tot Ion: 77 Resp: 27467

Ion Ratio Lower Upper

77 100

105 90.8 91.6 131.6#

106 82.1 102.6 142.6#



#10

Phenol

Concen: 7.90 ng

RT: 6.07 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

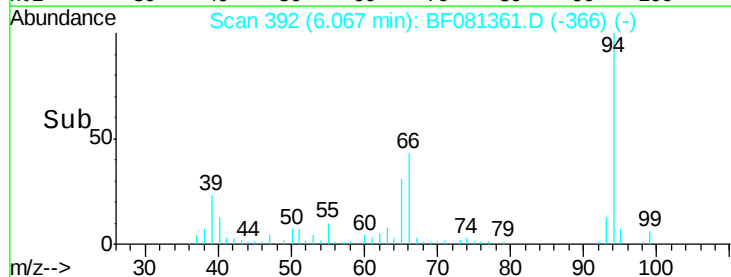
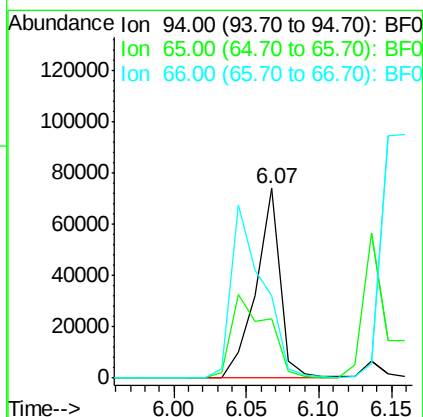
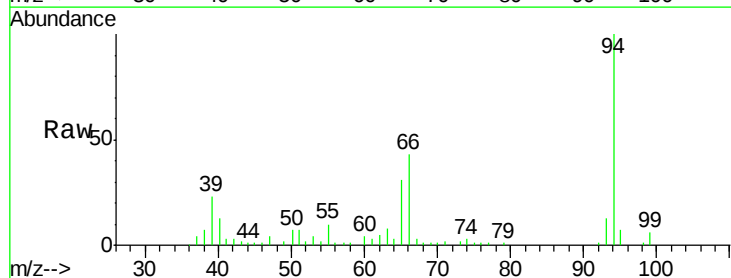
Tgt Ion: 94 Resp: 86501

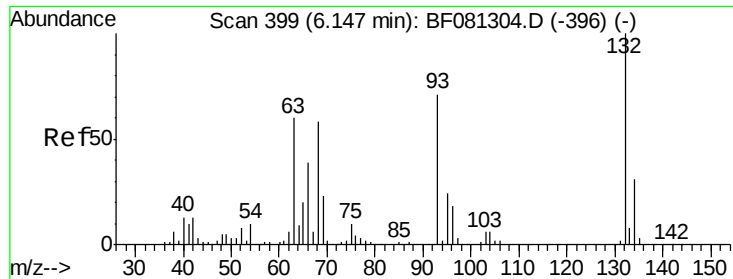
Ion Ratio Lower Upper

94 100

65 31.4 0.7 40.7

66 43.4 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 21.03 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

Instrument :

BNA_F

ClientSampleId :

MW01-082815MSD

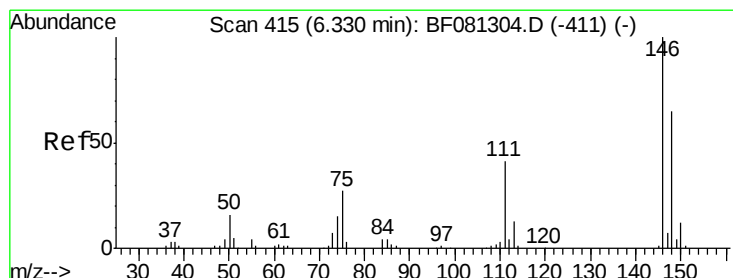
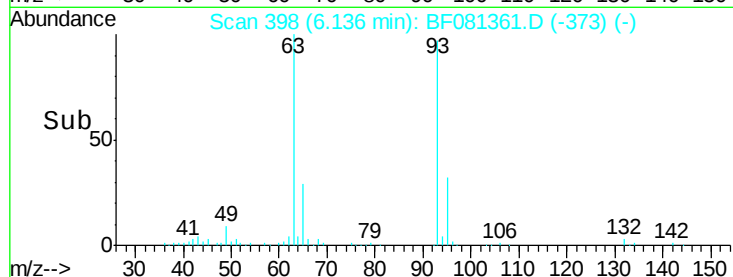
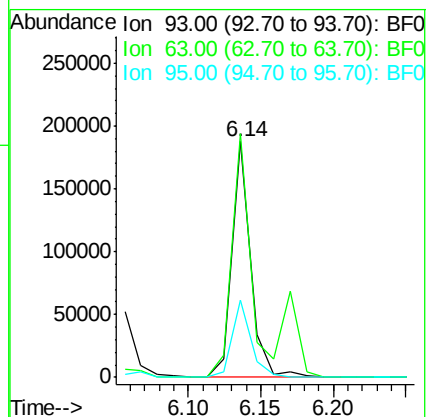
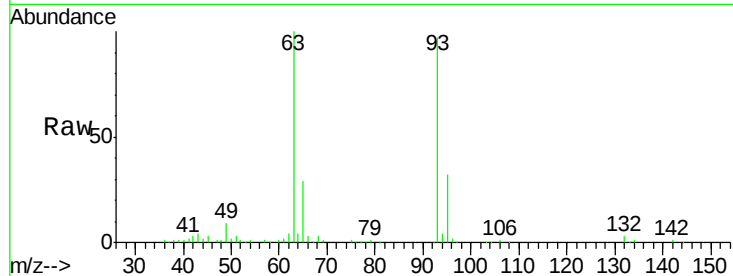
Tot Ion: 93 Resp: 166043

Ion Ratio Lower Upper

93 100

63 103.4 65.6 105.6

95 32.8 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 18.29 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

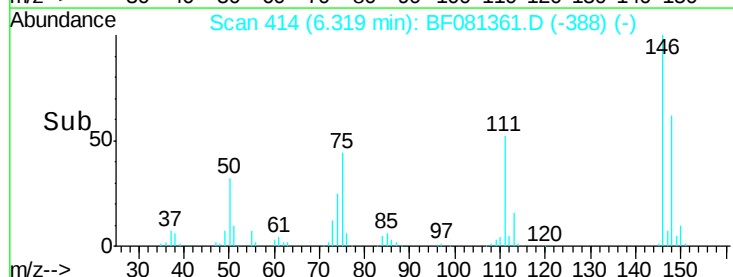
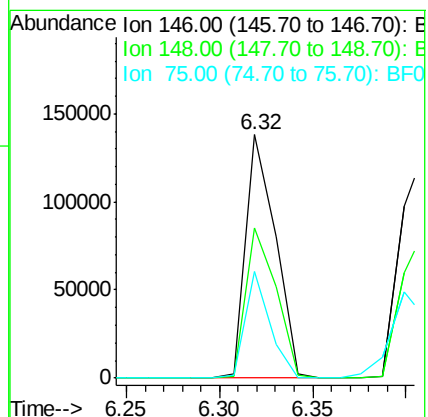
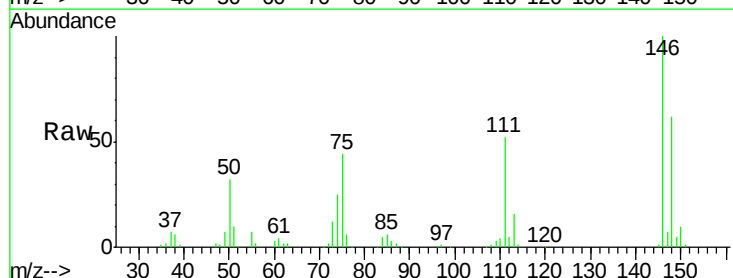
Tgt Ion: 146 Resp: 153526

Ion Ratio Lower Upper

146 100

148 61.7 51.0 76.4

75 43.6 15.0 22.6#

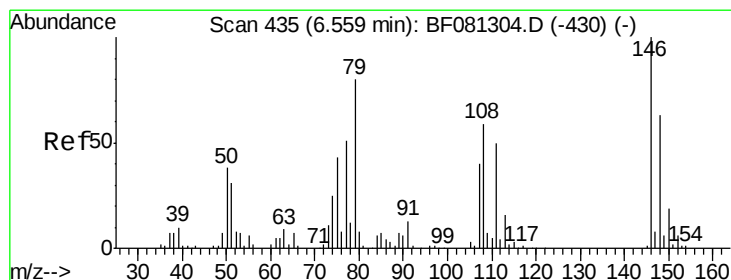
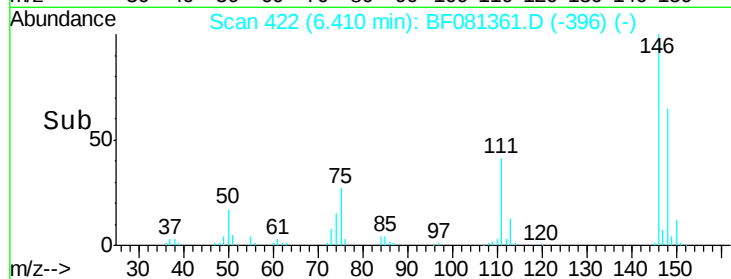
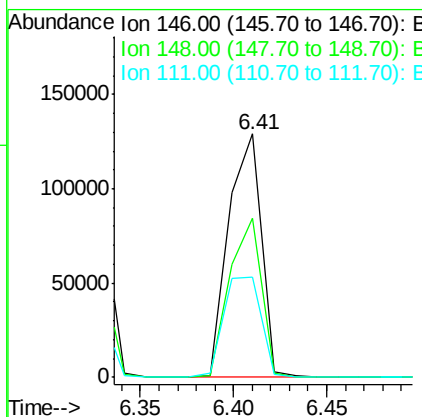
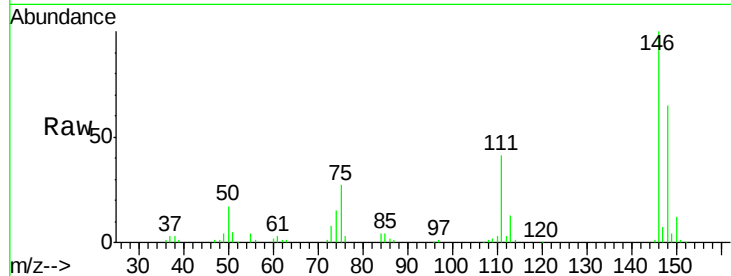




#13
 1,4-Dichlorobenzene
 Concen: 18.59 ng
 RT: 6.41 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

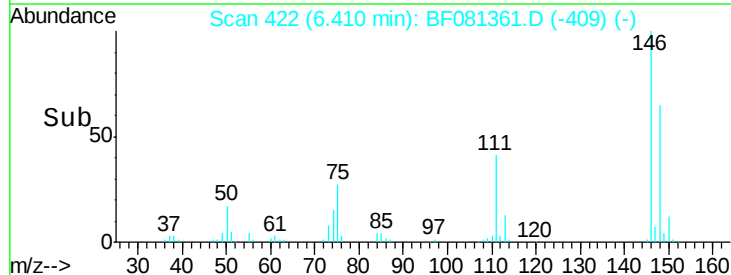
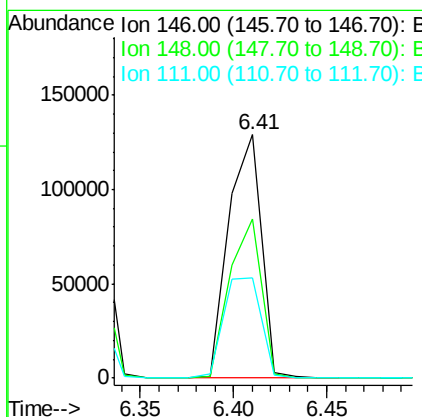
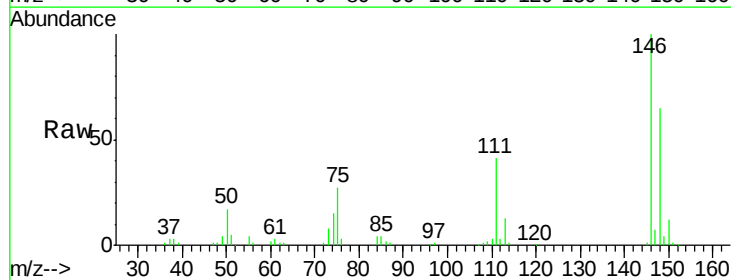
Instrument :
 BNA_F
 ClientSampleId :
 MW01-082815MSD

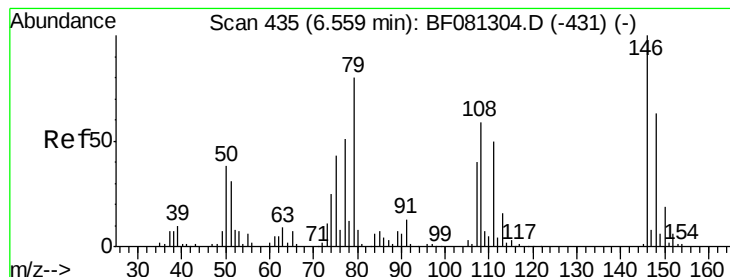
Tot Ion:146 Resp: 158930
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.8 77.6
 111 41.1 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 20.65 ng
 RT: 6.41 min Scan# 422
 Delta R.T. -0.15 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

Tgt Ion:146 Resp: 158930
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.7 79.1
 111 41.1 28.8 43.2





#15

Benzyl Alcohol

Concen: 14.64 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

Instrument :

BNA_F

ClientSampleId :

MW01-082815MSD

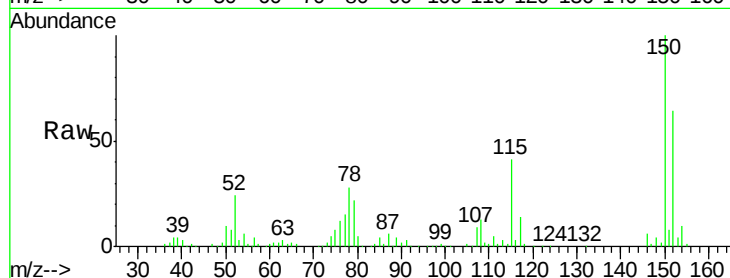
Tot Ion: 79 Resp: 113346

Ion Ratio Lower Upper

79 100

108 58.8 88.6 132.8#

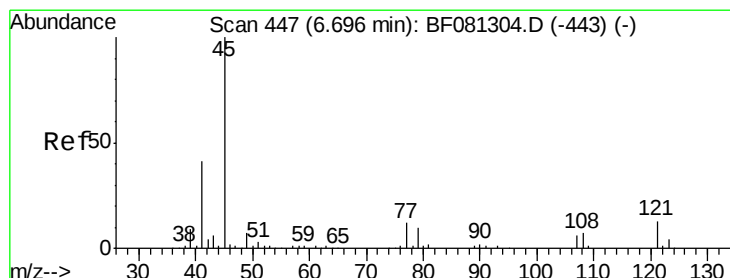
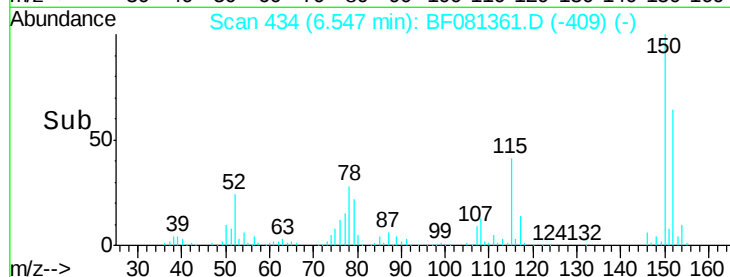
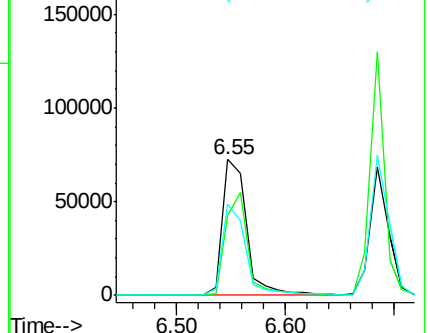
77 67.4 47.0 70.4



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: 23.15 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

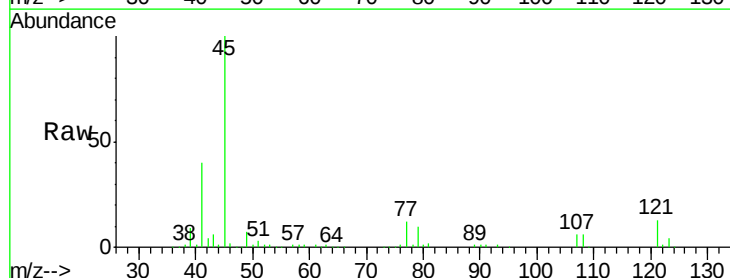
Tgt Ion: 45 Resp: 350343

Ion Ratio Lower Upper

45 100

77 12.1 0.0 28.1

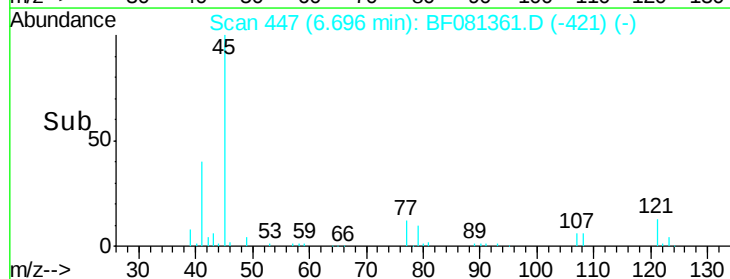
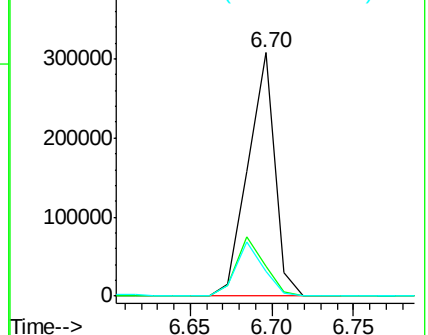
79 10.0 0.0 26.0

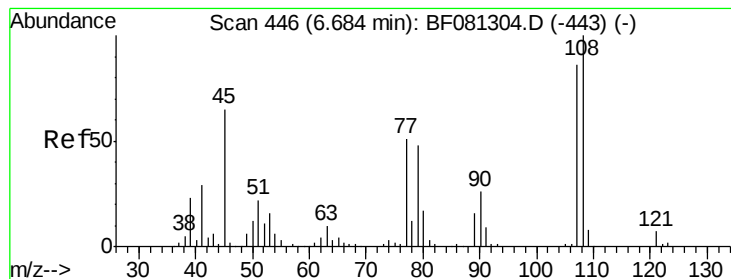


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

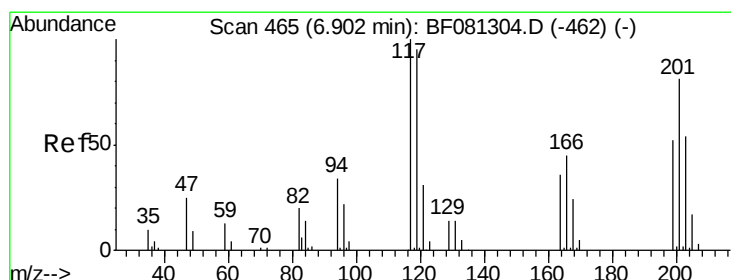
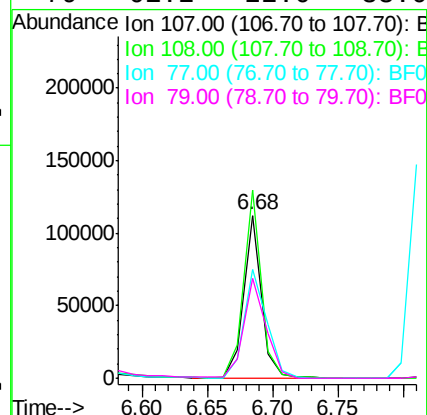
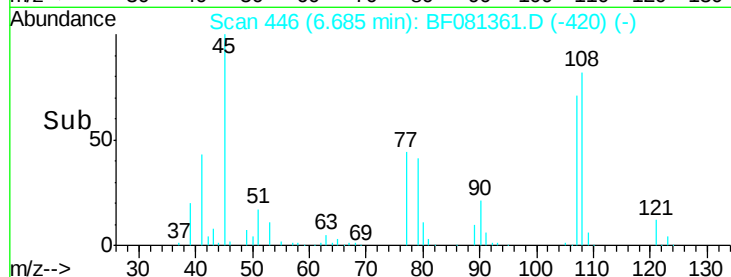
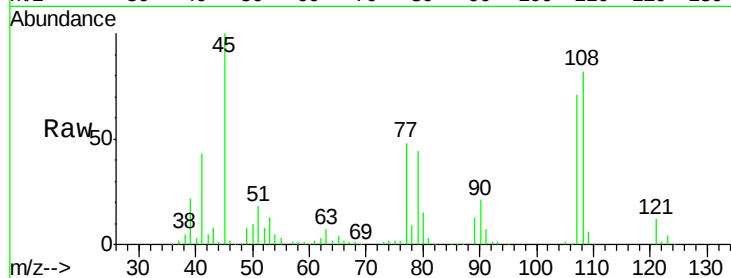




#17
2-Methylphenol
Concen: 16.73 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

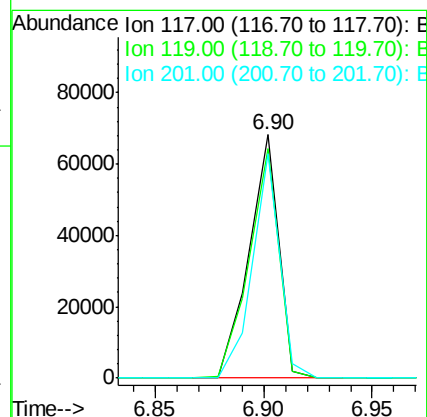
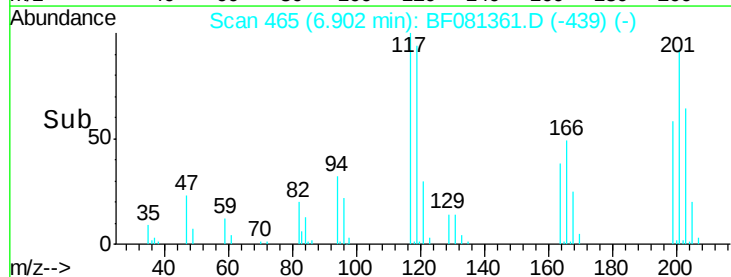
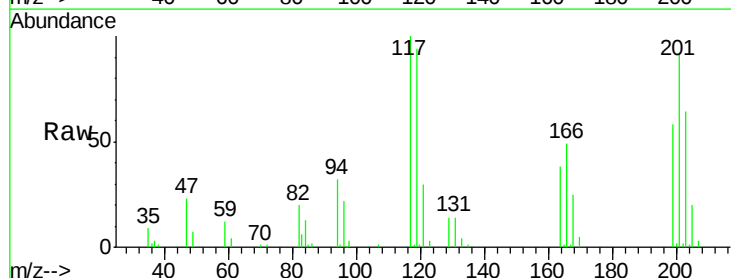
Instrument :
BNA_F
ClientSampleId :
MW01-082815MSD

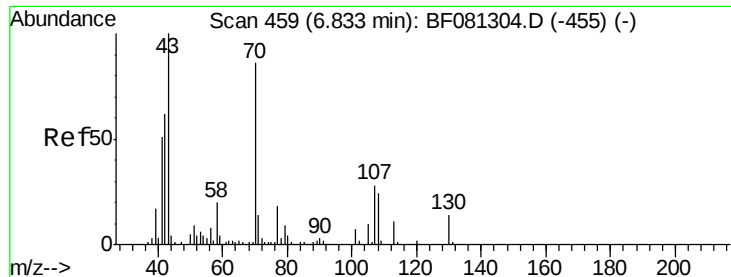
Tot Ion:107 Resp: 104885
Ion Ratio Lower Upper
107 100
108 115.8 96.6 145.0
77 66.9 23.3 34.9#
79 61.2 22.0 33.0#



#18
Hexachloroethane
Concen: 19.38 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

Tgt Ion:117 Resp: 64442
Ion Ratio Lower Upper
117 100
119 94.1 83.8 125.6
201 92.1 55.1 82.7#

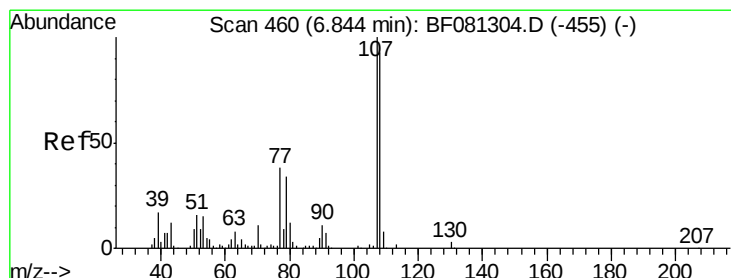
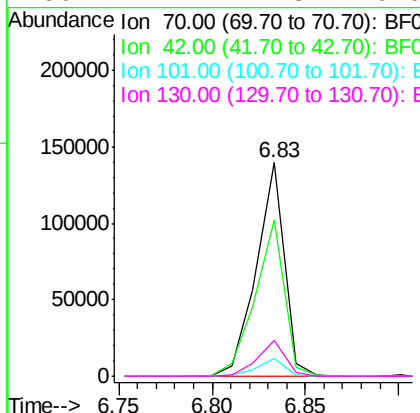
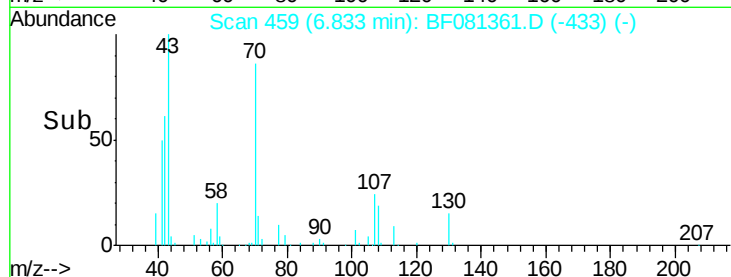
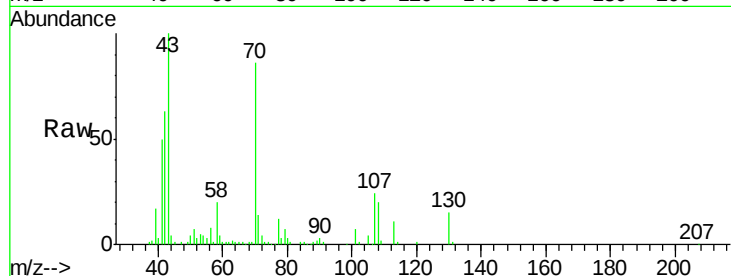




#19
n-Nitroso-di-n-propylamine
Concen: 22.55 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

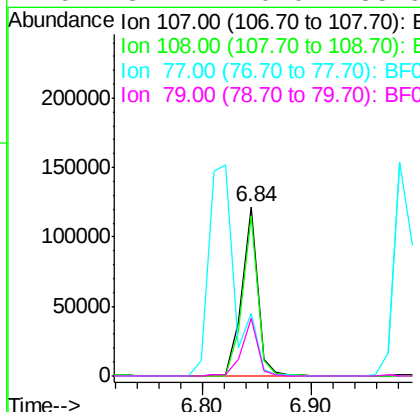
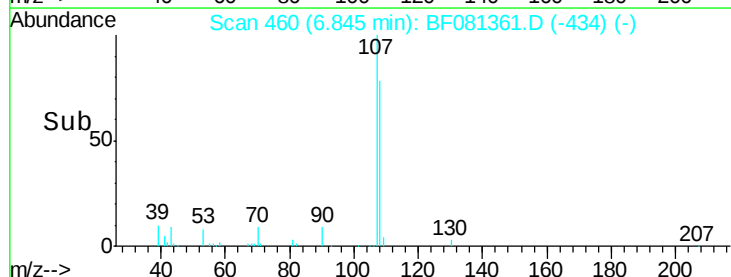
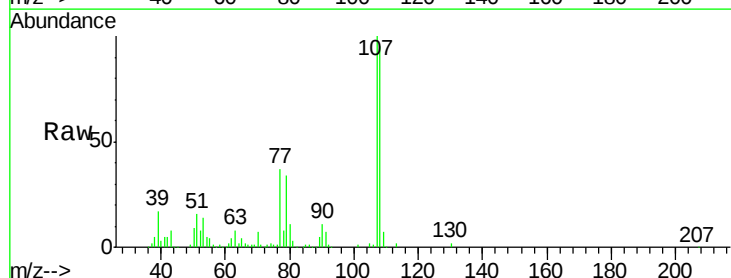
Instrument :
BNA_F
ClientSampleId :
MW01-082815MSD

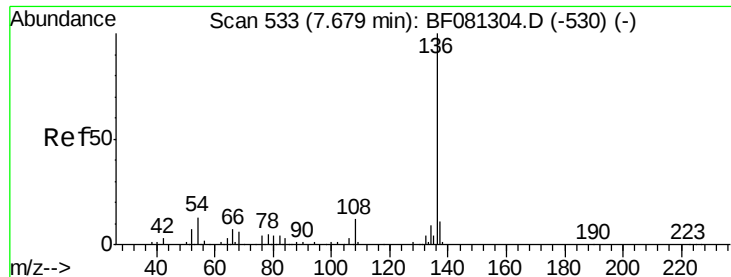
Tot Ion: 70 Resp: 144855
Ion Ratio Lower Upper
70 100
42 73.4 63.8 95.6
101 8.7 9.2 13.8#
130 17.1 27.3 40.9#



#20
3+4-Methylphenols
Concen: 14.47 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

Tgt Ion: 107 Resp: 122293
Ion Ratio Lower Upper
107 100
108 94.6 74.6 114.6
77 36.8 0.7 40.7
79 34.1 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

Instrument :

BNA_F

ClientSampleId :

MW01-082815MSD

Tot Ion:136 Resp: 402973

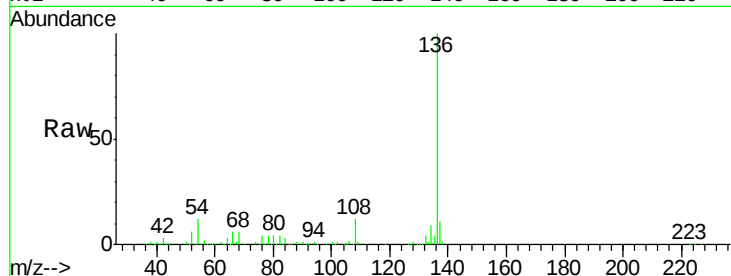
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 12.0 8.2 12.2

68 5.7 5.8 8.6#

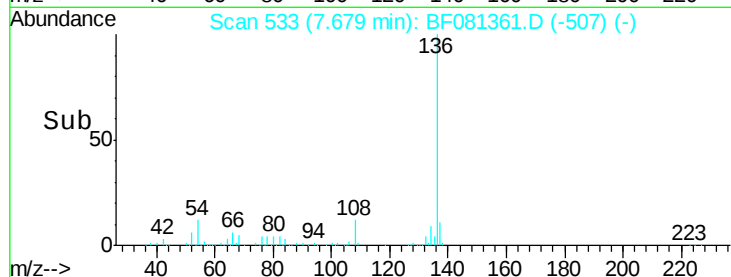


Abundance Ion 136.00 (135.70 to 136.70): E

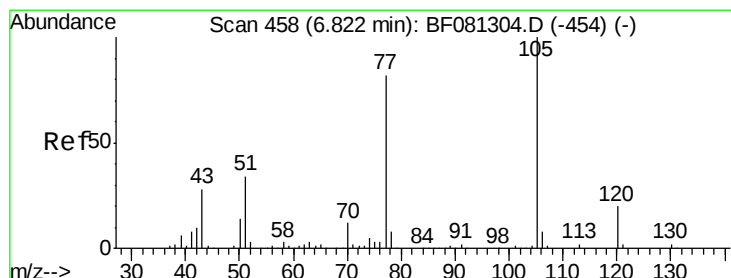
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 24.30 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

Tgt Ion:105 Resp: 267435

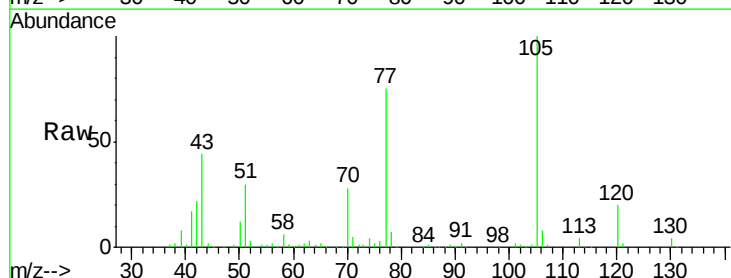
Ion Ratio Lower Upper

105 100

71 4.6 4.7 7.1#

51 30.3 22.0 33.0

120 20.0 30.1 45.1#

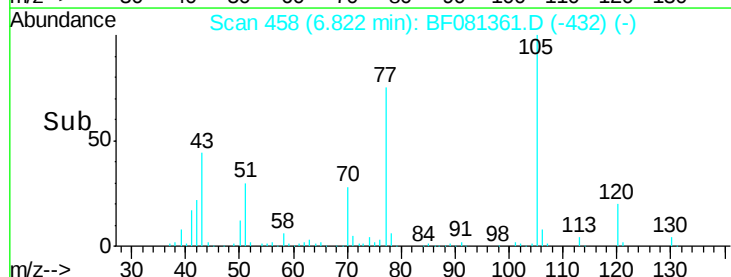


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



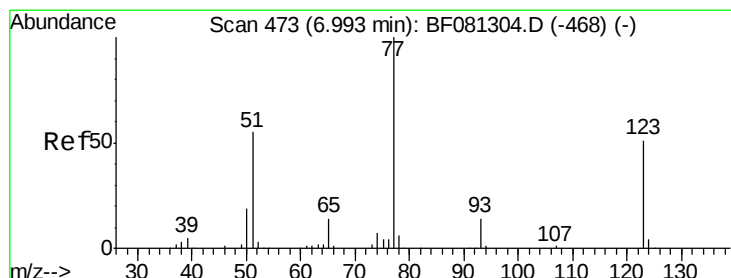
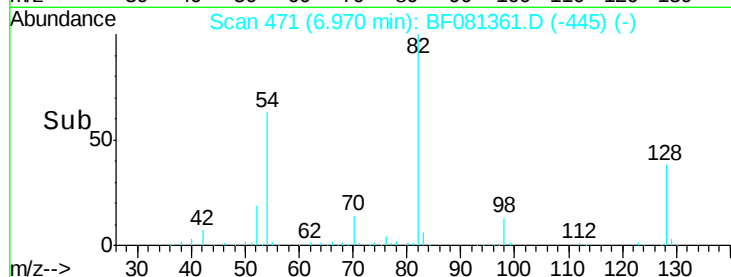
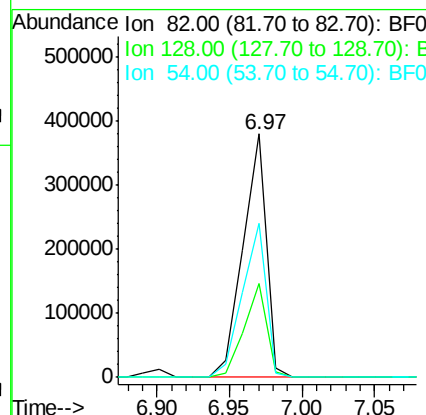
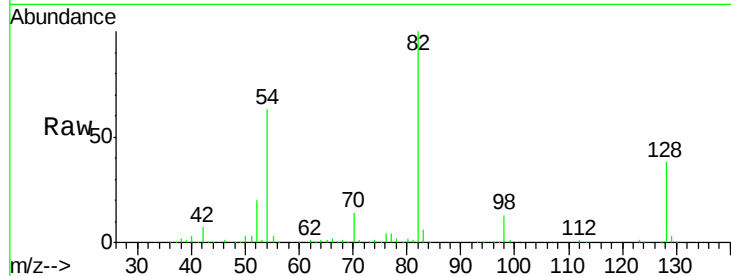
Time-->



#23
 Nitrobenzene-d5
 Concen: 50.94 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

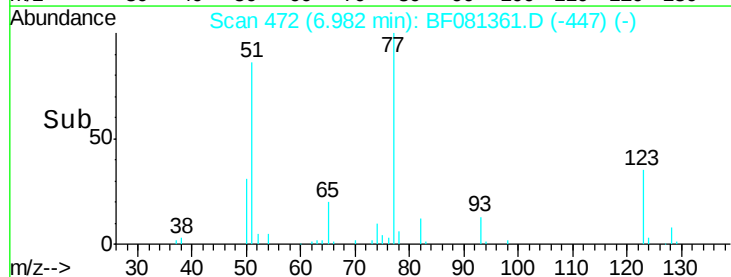
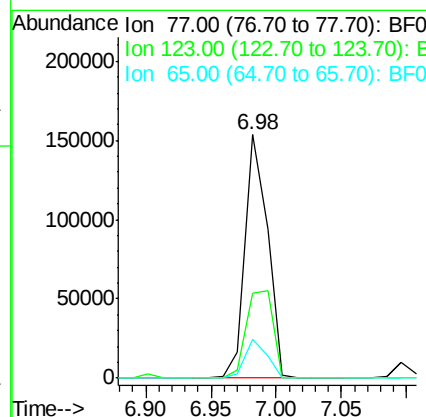
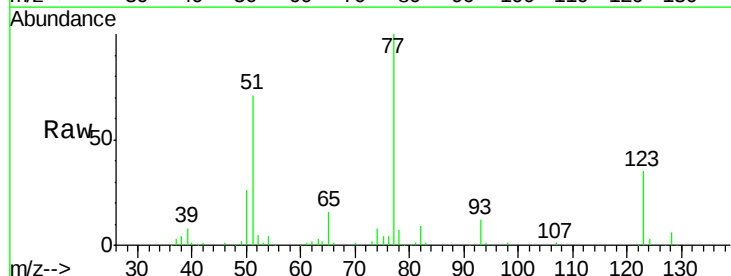
Instrument :
 BNA_F
 ClientSampleId :
 MW01-082815MSD

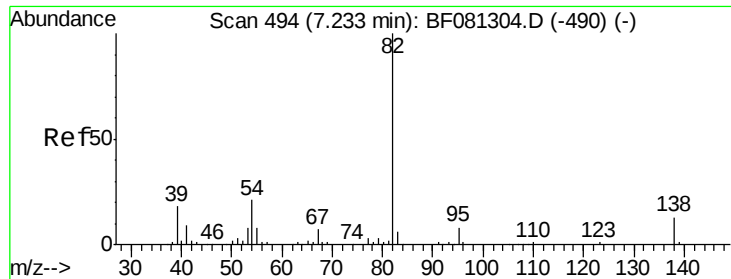
Tot Ion	82	Resp	425470
Ion Ratio	Lower	Upper	
82	100		
128	38.4	51.0	76.6#
54	63.2	47.5	71.3



#24
 Nitrobenzene
 Concen: 21.17 ng
 RT: 6.98 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

Tgt Ion	77	Resp	183661
Ion Ratio	Lower	Upper	
77	100		
123	34.8	59.8	89.8#
65	16.1	10.2	15.4#





#25

Isophorone

Concen: 23.88 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

Instrument :

BNA_F

ClientSampleId :

MW01-082815MSD

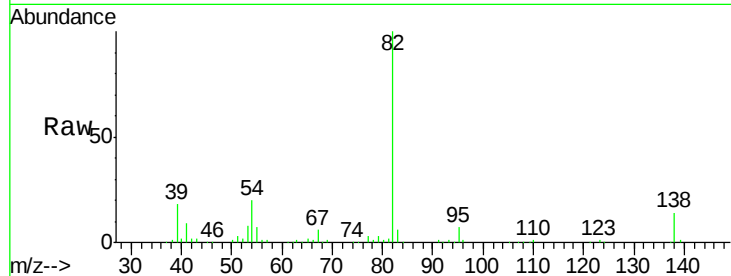
Tot Ion: 82 Resp: 371022

Ion Ratio Lower Upper

82 100

95 7.3 4.0 6.0#

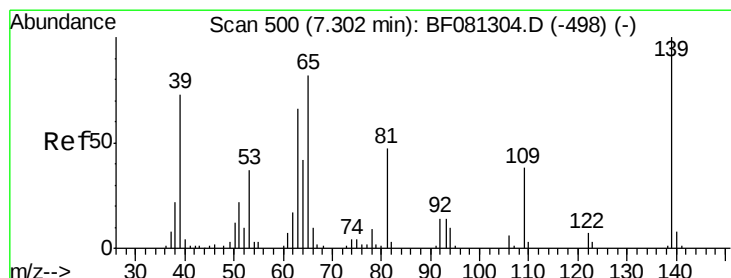
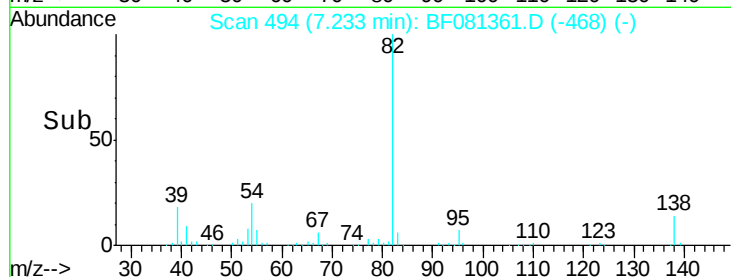
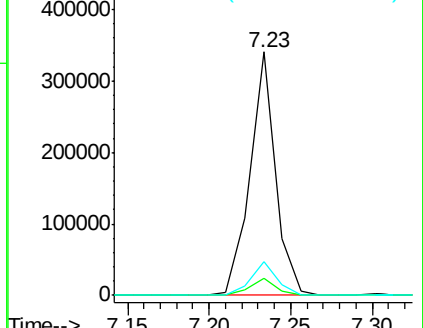
138 14.0 18.3 27.5#



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: 21.03 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

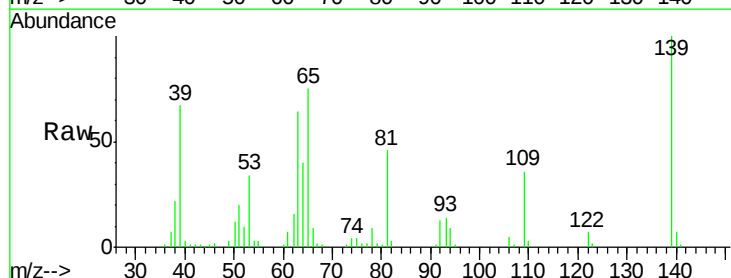
Tgt Ion: 139 Resp: 79504

Ion Ratio Lower Upper

139 100

109 35.8 11.0 16.4#

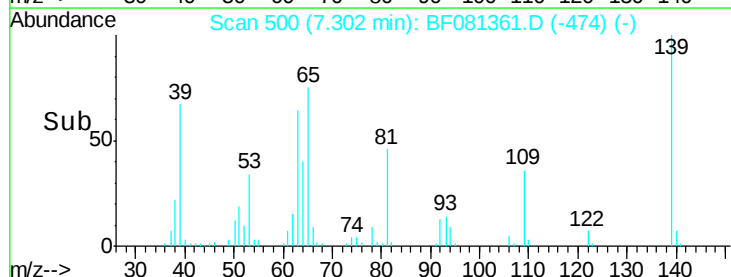
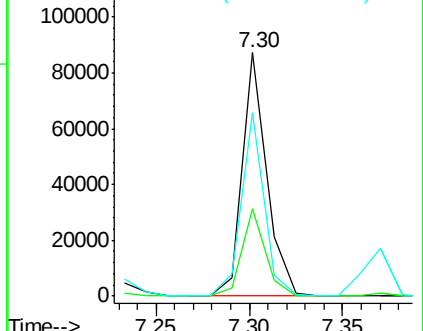
65 75.4 24.7 37.1#



Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

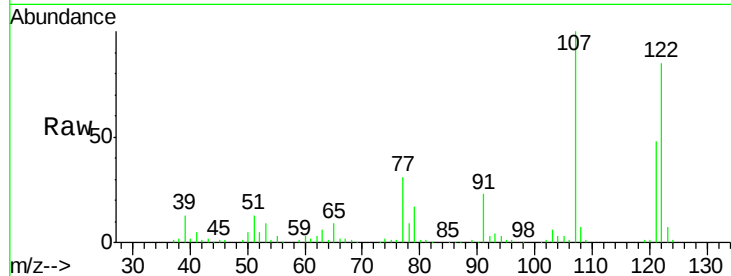




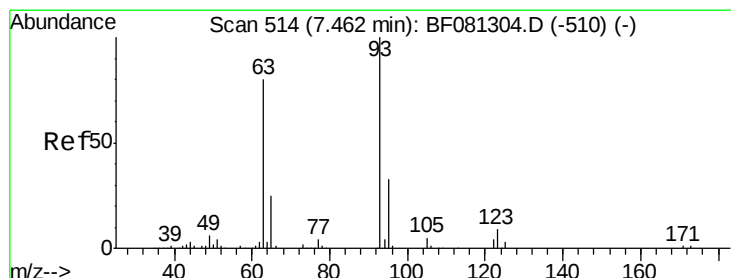
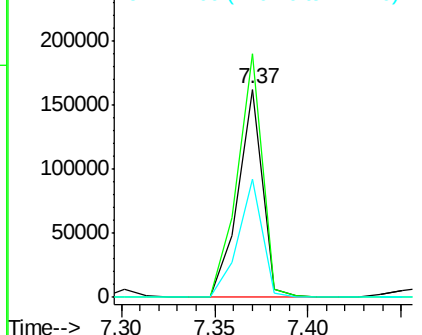
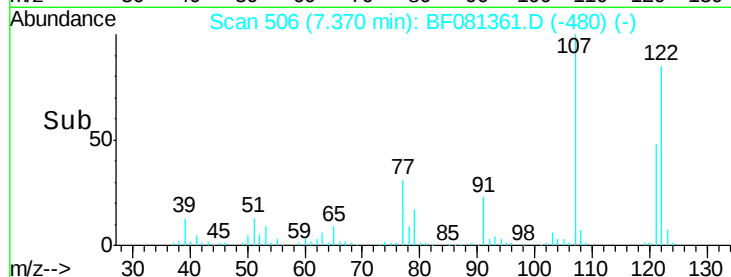
#27
 2,4-Dimethylphenol
 Concen: 23.05 ng
 RT: 7.37 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

Instrument :
 BNA_F
 ClientSampleId :
 MW01-082815MSD

Tot Ion:122 Resp: 150537
 Ion Ratio Lower Upper
 122 100
 107 117.1 71.8 107.6#
 121 56.7 42.3 63.5

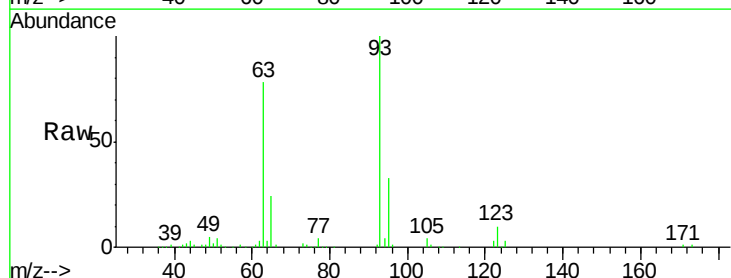


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

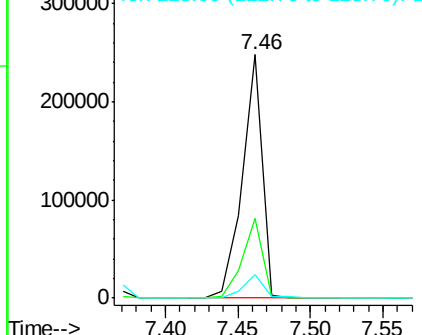
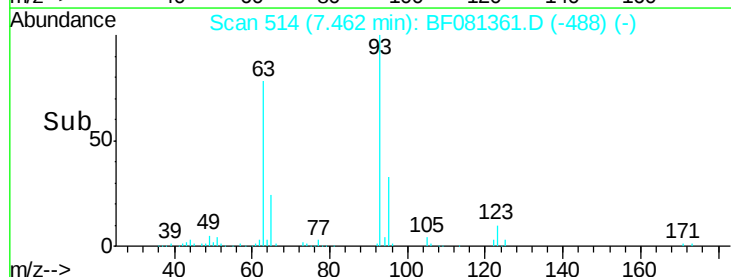


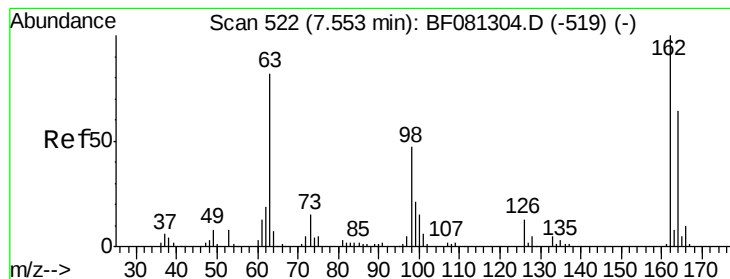
#28
 bis(2-Chloroethoxy)methane
 Concen: 26.27 ng
 RT: 7.46 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

Tgt Ion: 93 Resp: 235757
 Ion Ratio Lower Upper
 93 100
 95 32.9 27.5 41.3
 123 9.8 13.7 20.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 23.71 ng

RT: 7.55 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

Instrument :

BNA_F

ClientSampleId :

MW01-082815MSD

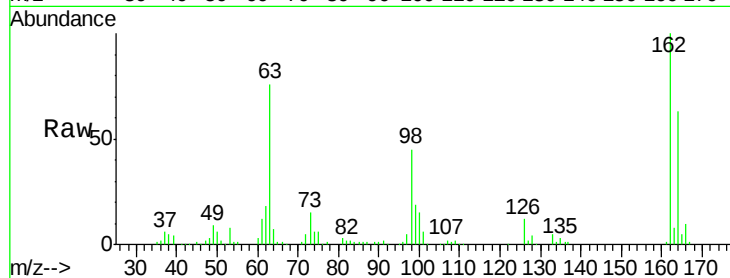
Tot Ion:162 Resp: 134227

Ion Ratio Lower Upper

162 100

164 63.0 44.9 84.9

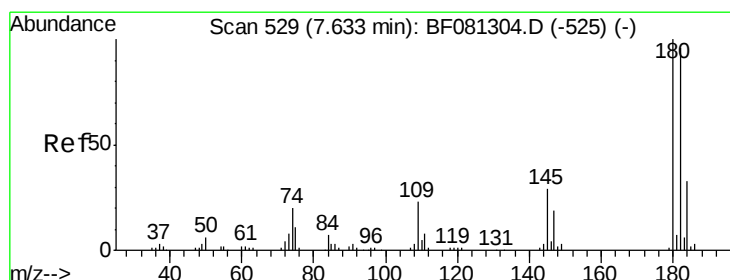
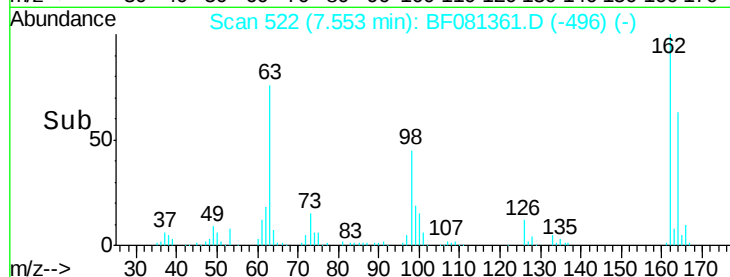
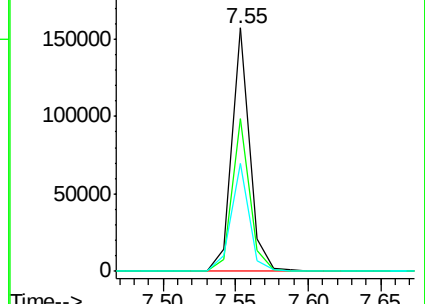
98 44.6 13.0 53.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 22.07 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

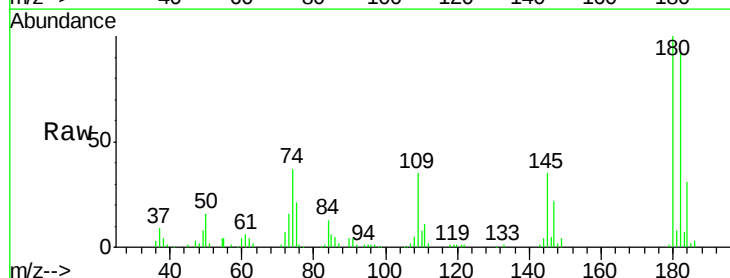
Tgt Ion:180 Resp: 135750

Ion Ratio Lower Upper

180 100

182 92.0 77.1 115.7

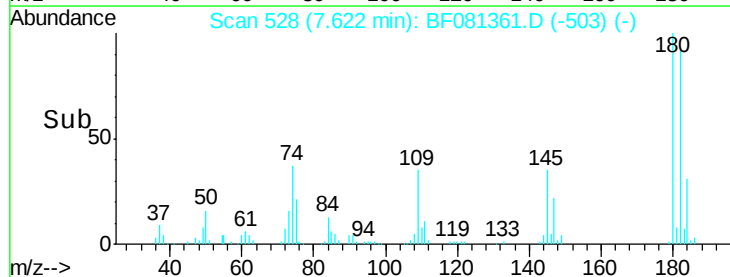
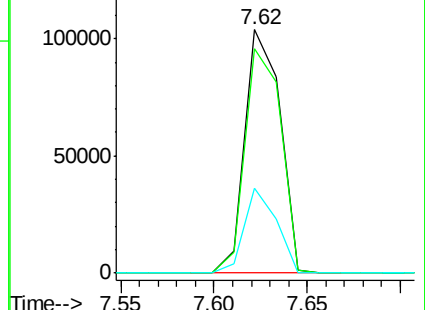
145 34.7 23.3 34.9

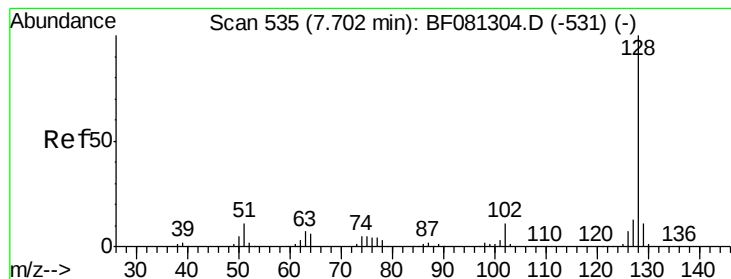


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 23.72 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

Instrument :

BNA_F

ClientSampleId :

MW01-082815MSD

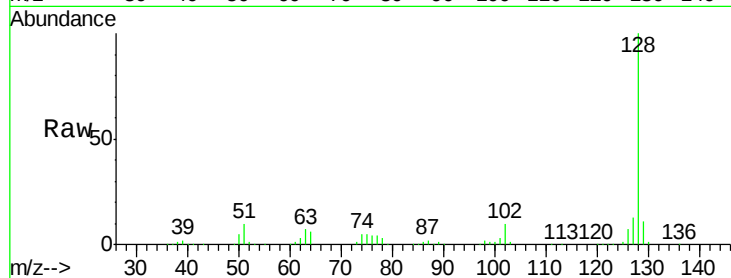
Tot Ion:128 Resp: 509860

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

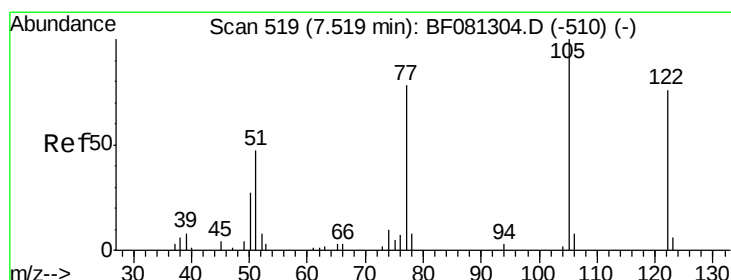
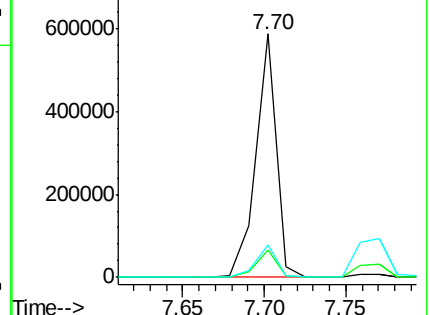
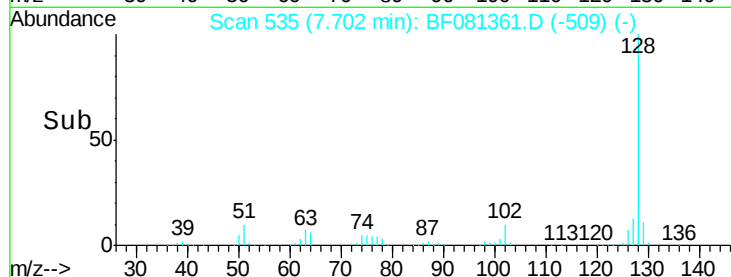
127 13.3 9.9 14.9



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: 9.91 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.05 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

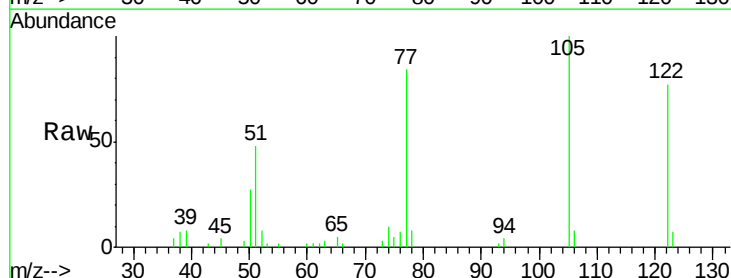
Tgt Ion:122 Resp: 36272

Ion Ratio Lower Upper

122 100

105 129.6 76.1 116.1#

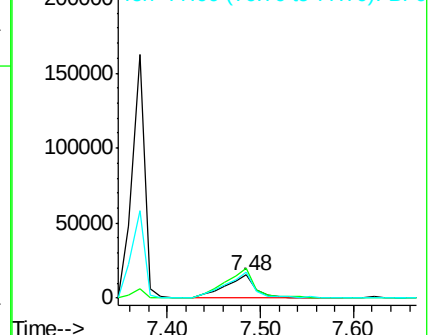
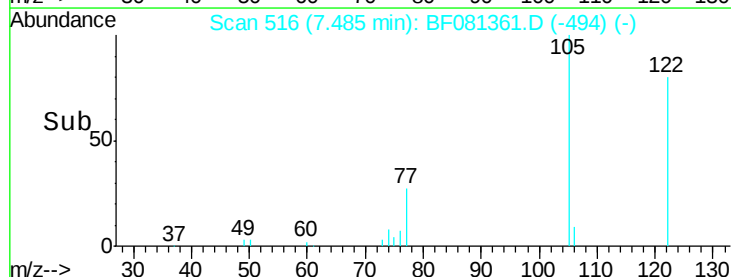
77 108.6 40.5 80.5#

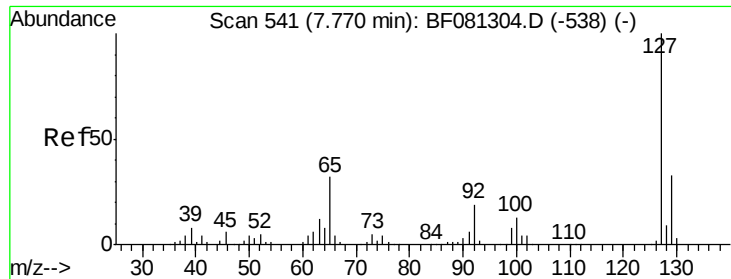


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

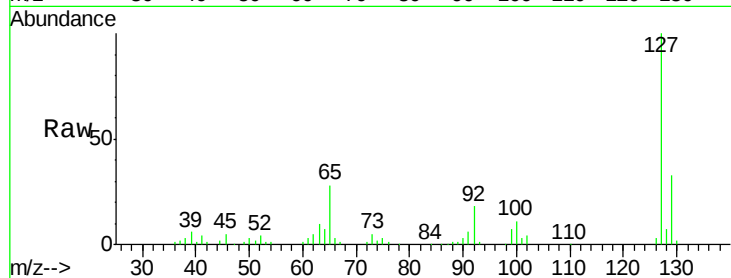




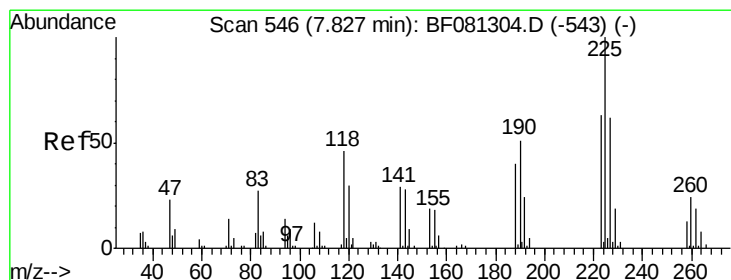
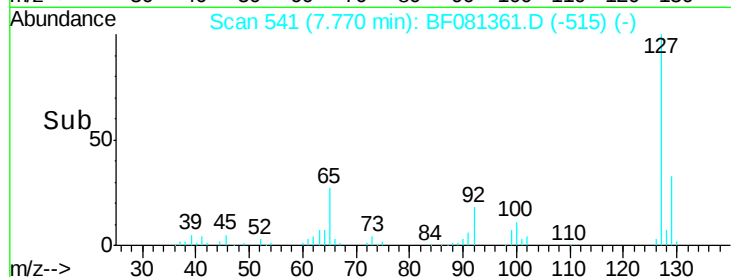
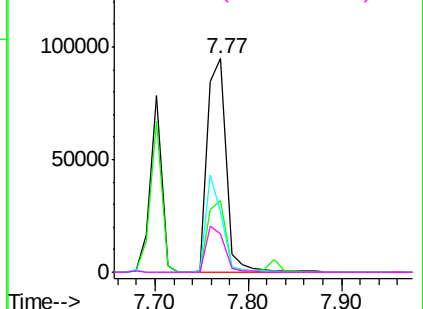
#33
4-Chloroaniline
Concen: 15.39 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

Instrument :
BNA_F
ClientSampleId :
MW01-082815MSD

Tot Ion:	127	Resp:	134907
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.8	38.6
65	27.9	17.9	26.9#
92	18.2	10.5	15.7#

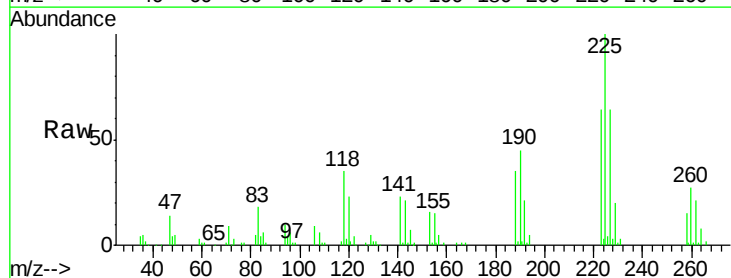


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

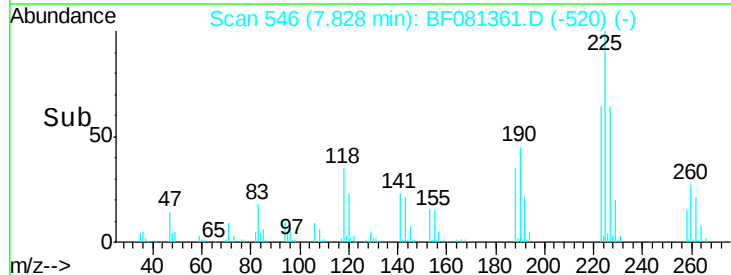
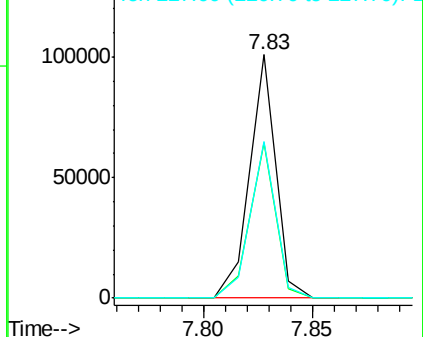


#34
Hexachlorobutadiene
Concen: 22.52 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

Tgt Ion:	225	Resp:	84295
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.2	75.2
227	64.1	52.2	78.2



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

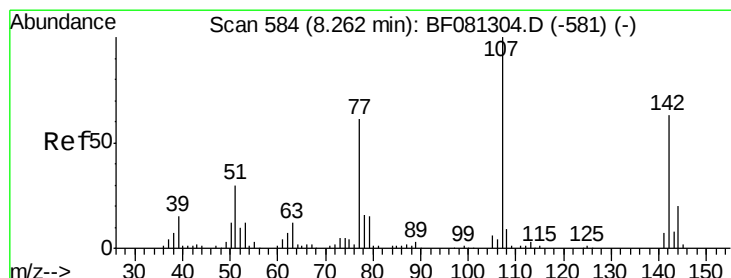
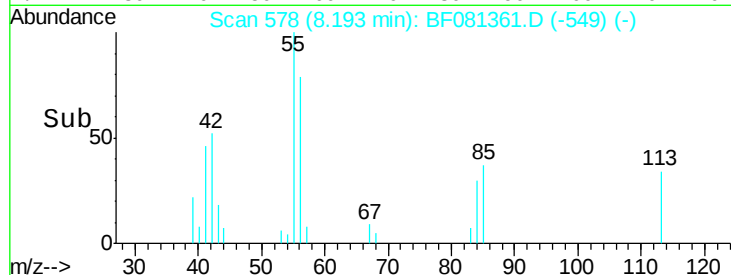
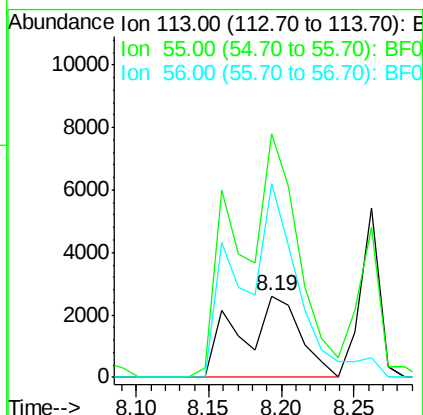
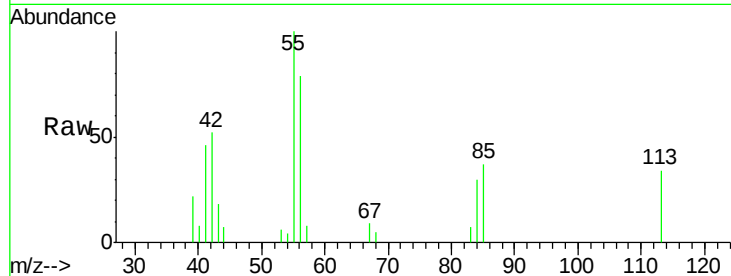




#35
 Caprolactam
 Concen: 4.28 ng
 RT: 8.19 min Scan# 578
 Delta R.T. 0.03 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

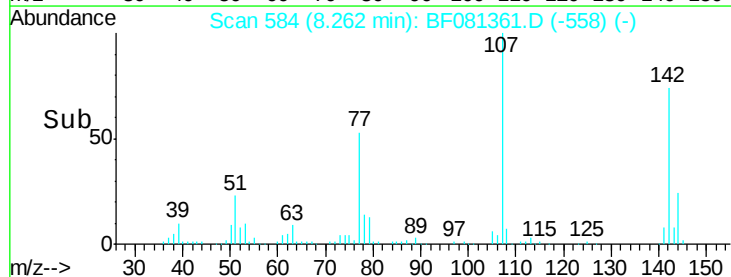
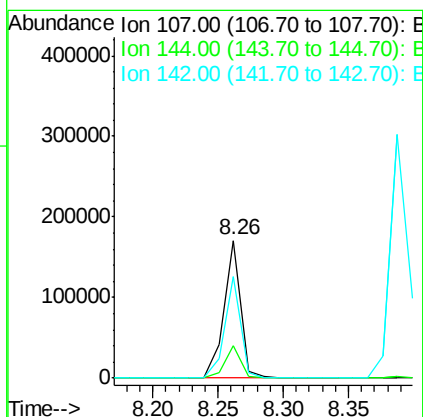
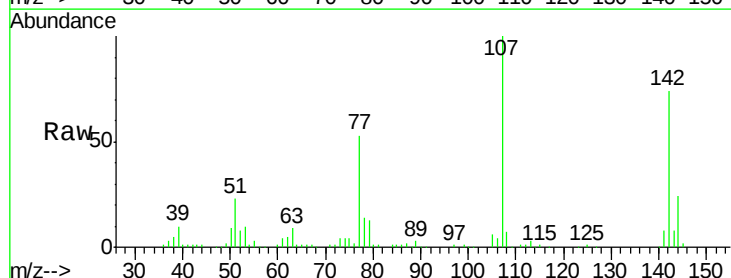
Instrument :
 BNA_F
 ClientSampleId :
 MW01-082815MSD

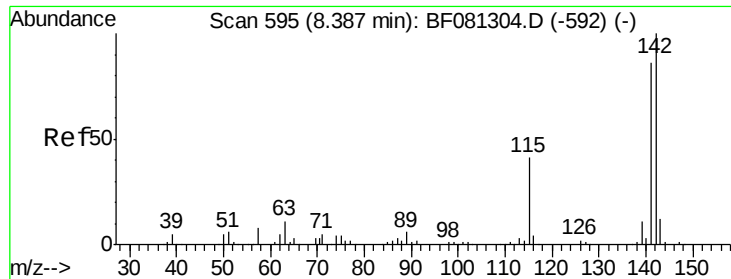
Tot Ion:113 Resp: 7435
 Ion Ratio Lower Upper
 113 100
 55 298.5 152.4 192.4#
 56 236.9 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 24.29 ng
 RT: 8.26 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

Tgt Ion:107 Resp: 153969
 Ion Ratio Lower Upper
 107 100
 144 23.6 25.4 38.0#
 142 73.8 77.3 115.9#

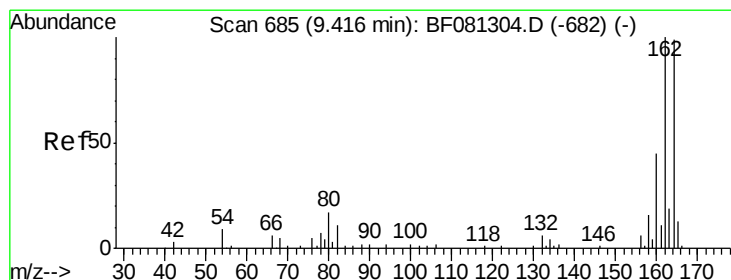
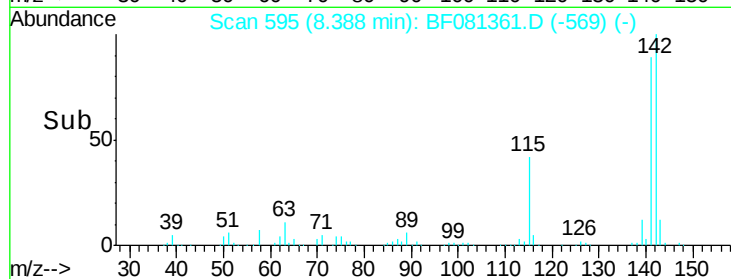
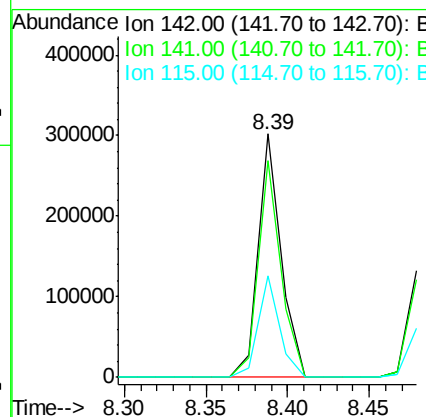
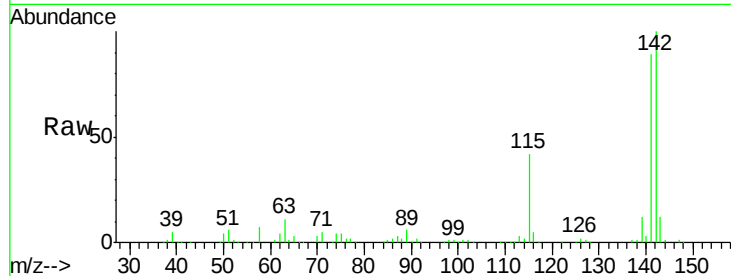




#37
 2-Methylnaphthalene
 Concen: 21.12 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

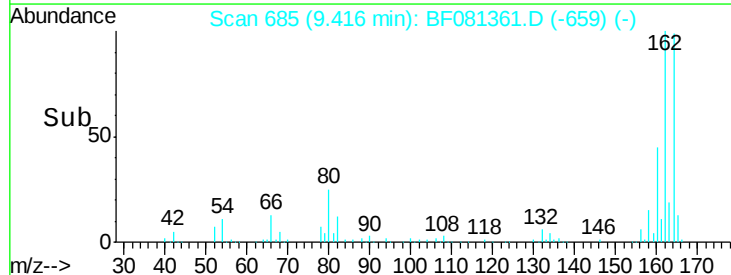
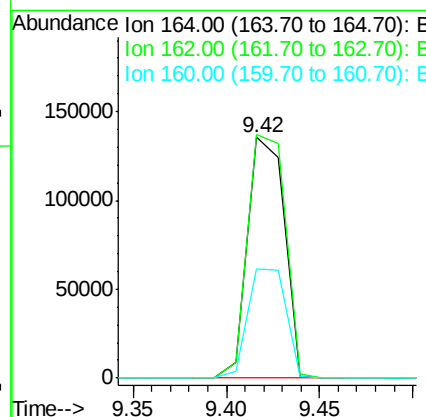
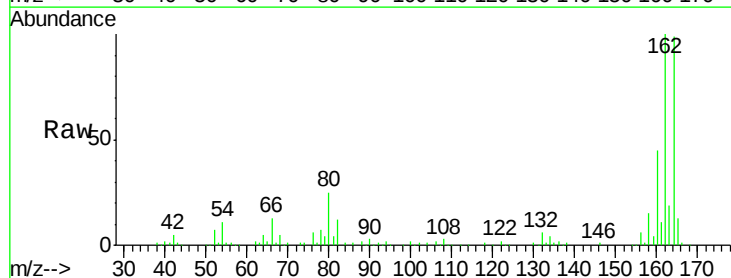
Instrument :
 BNA_F
 ClientSampleId :
 MW01-082815MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	67.5	101.3
115	41.9	18.2	27.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	75.2	112.8
160	45.3	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.72 ng

RT: 8.56 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

Instrument :

BNA_F

ClientSampleId :

MW01-082815MSD

Tot Ion:216 Resp: 144586

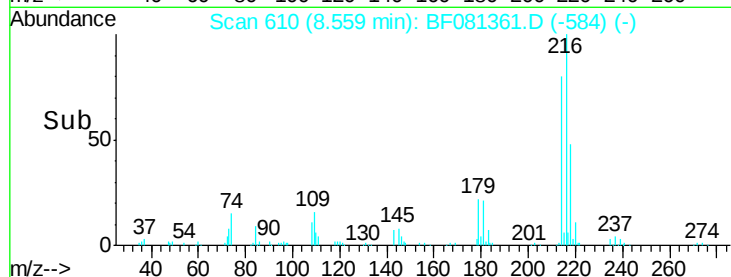
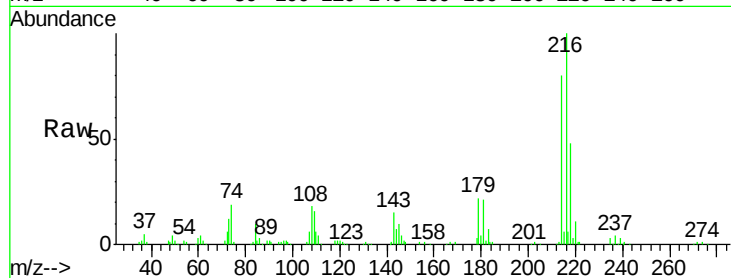
Ion Ratio Lower Upper

216 100

214 80.5 63.5 95.3

179 22.4 16.6 24.8

108 23.1 16.3 24.5

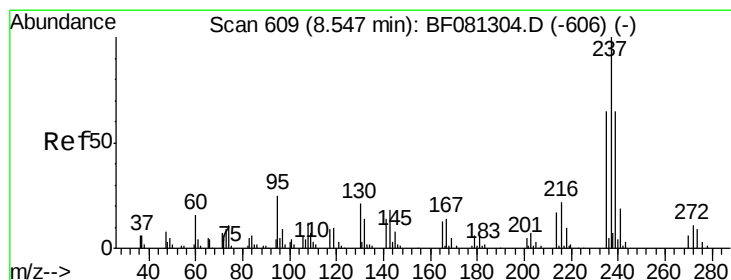
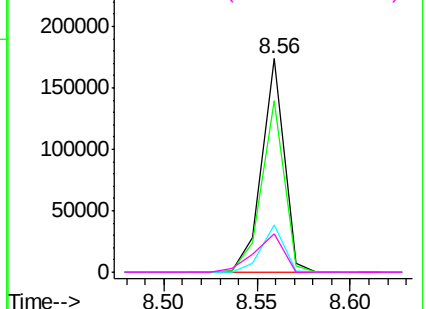


Abundance Ion 216.00 (215.70 to 216.70): E

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: 48.97 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

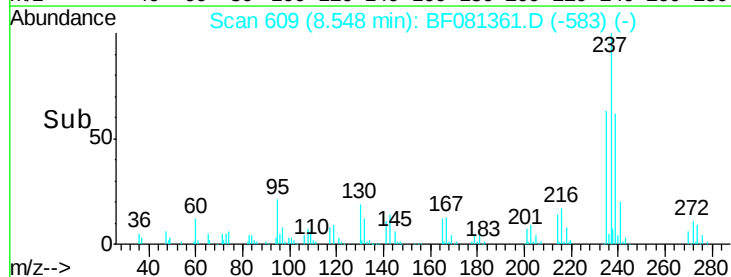
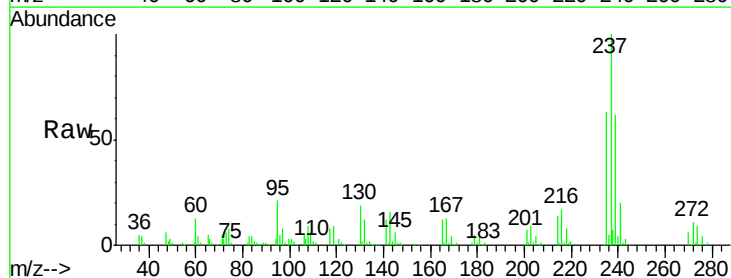
Tgt Ion:237 Resp: 140535

Ion Ratio Lower Upper

237 100

235 62.8 42.0 82.0

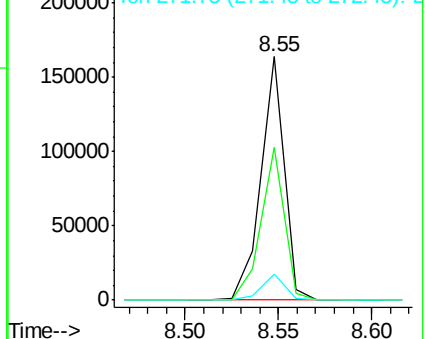
272 10.9 0.0 36.1

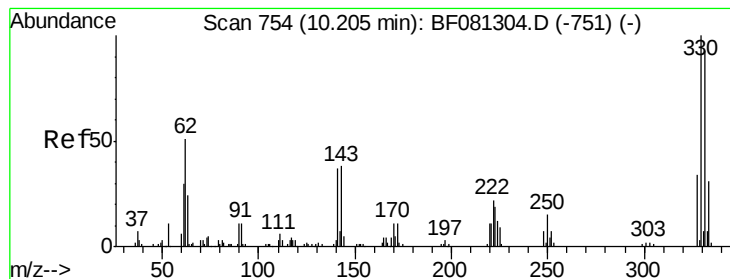


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 67.68 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

Instrument :

BNA_F

ClientSampleId :

MW01-082815MSD

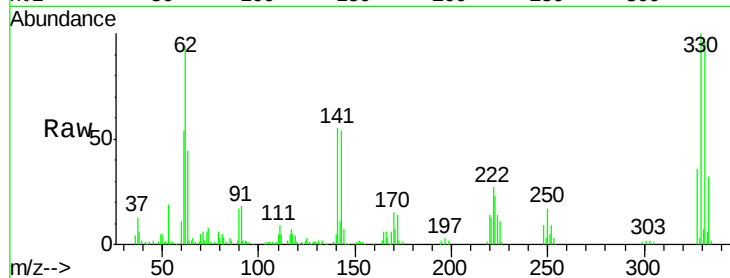
Tot Ion:330 Resp: 111432

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

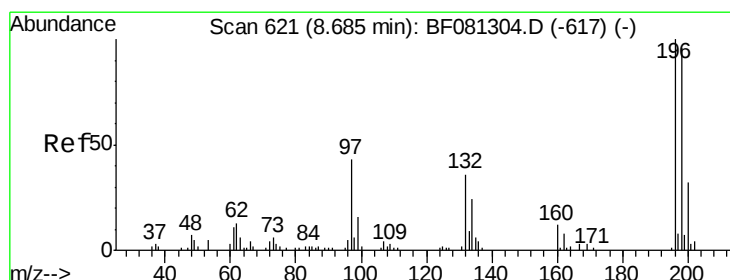
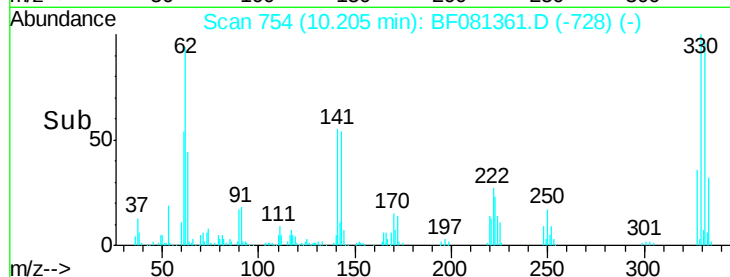
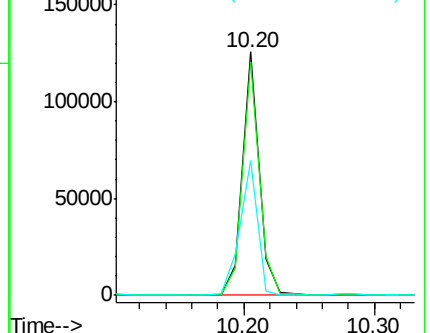
141 57.9 29.7 44.5#



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: 22.06 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

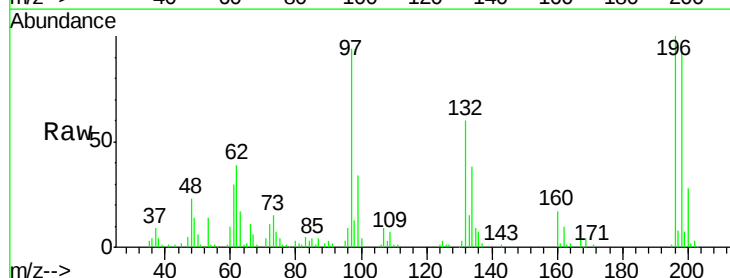
Tgt Ion:196 Resp: 89048

Ion Ratio Lower Upper

196 100

198 93.4 75.7 113.5

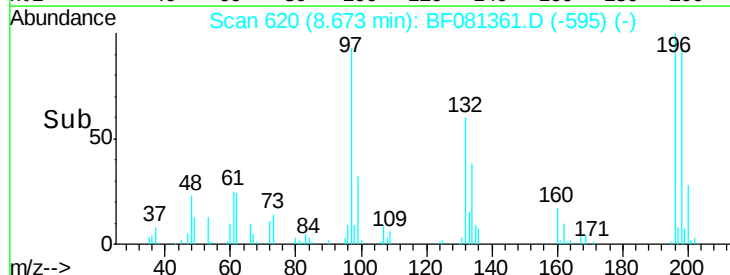
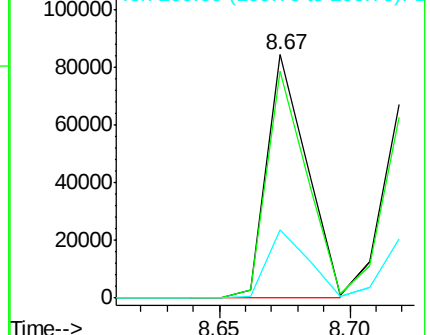
200 28.1 23.9 35.9

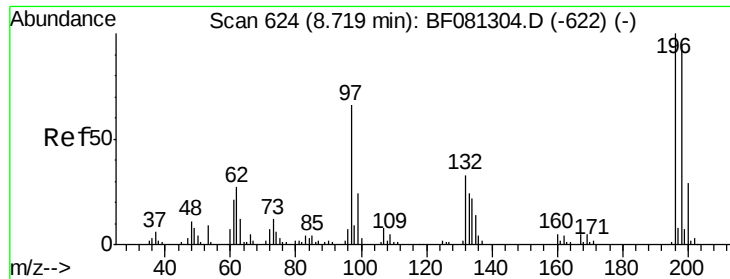


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

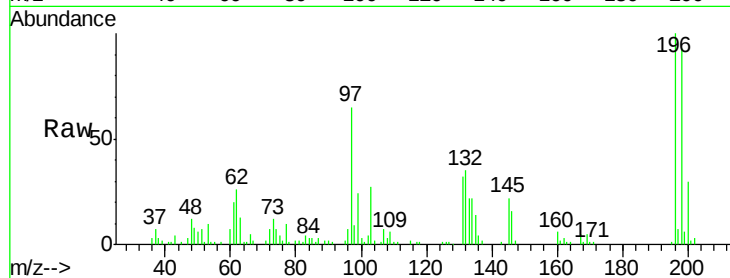




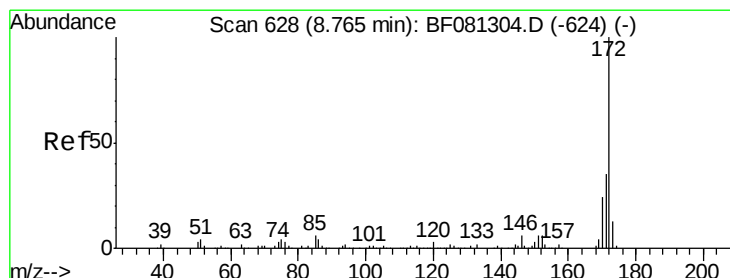
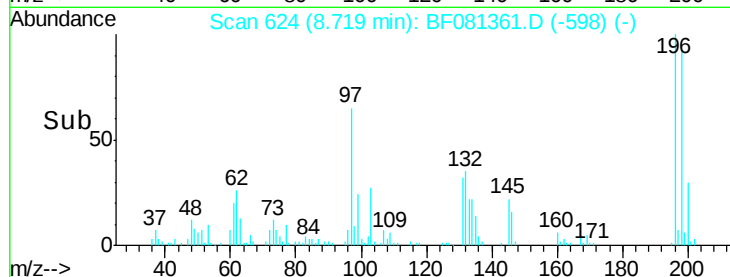
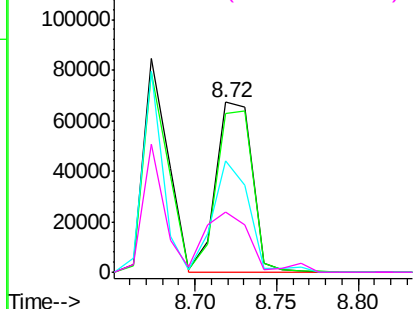
#43
 2,4,5-Trichlorophenol
 Concen: 25.01 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

Instrument :
 BNA_F
 ClientSampleId :
 MW01-082815MSD

Tot Ion:	196	Resp:	102994
Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.4	113.0
97	65.3	33.3	49.9#
132	35.3	24.6	37.0

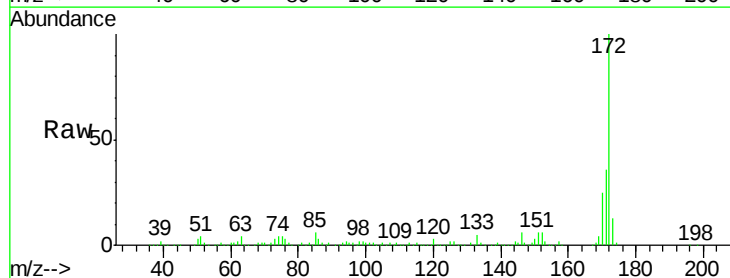


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

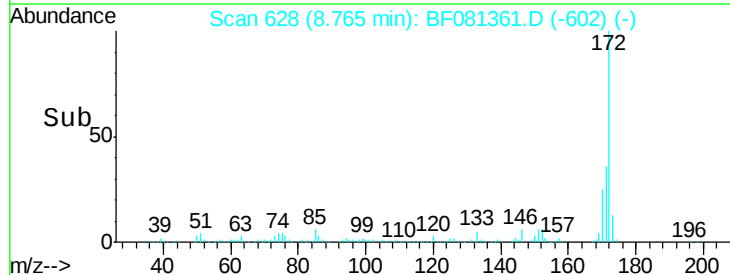
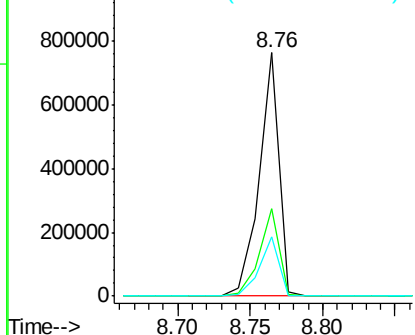


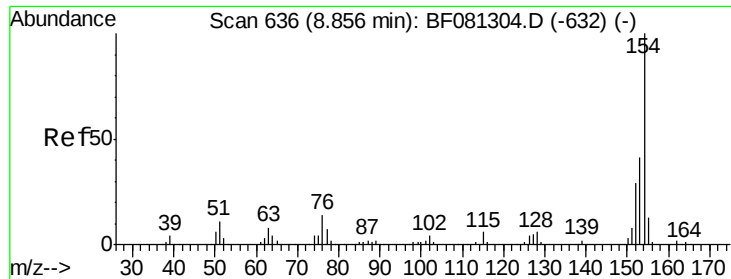
#44
 2-Fluorobiphenyl
 Concen: 49.78 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

Tgt Ion:	172	Resp:	718281
Ion	Ratio	Lower	Upper
172	100		
171	36.1	26.1	39.1
170	24.6	17.4	26.2



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

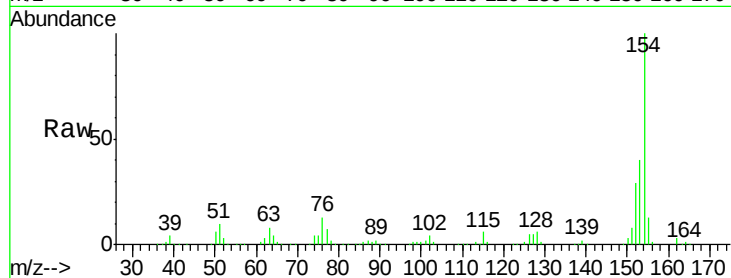




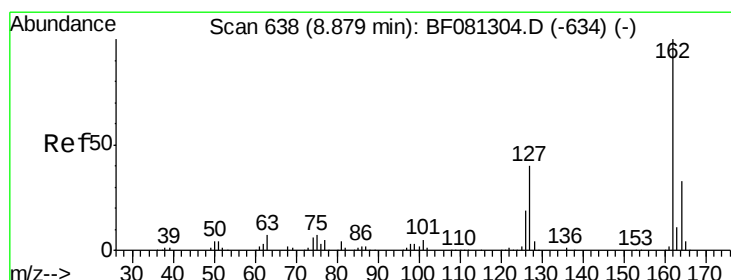
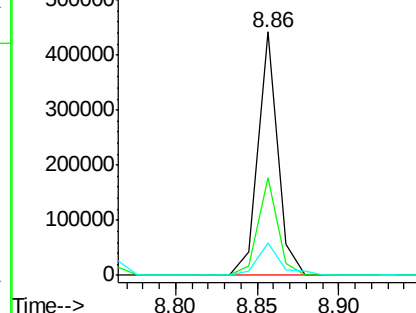
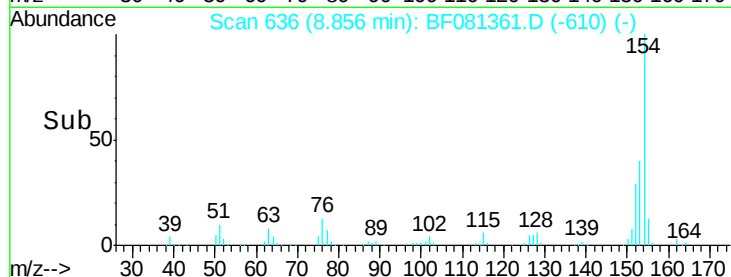
#45
 1,1'-Biphenyl
 Concen: 21.92 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

Instrument :
 BNA_F
 ClientSampleId :
 MW01-082815MSD

Tot Ion:154 Resp: 372843
 Ion Ratio Lower Upper
 154 100
 153 40.0 17.1 57.1
 76 13.2 0.0 31.6

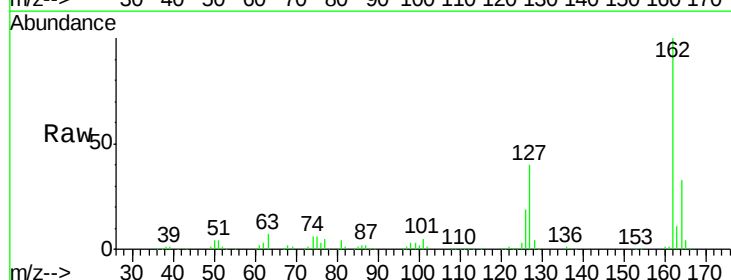


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

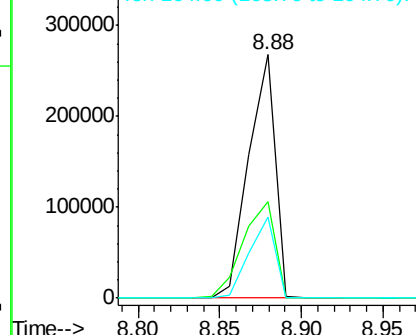
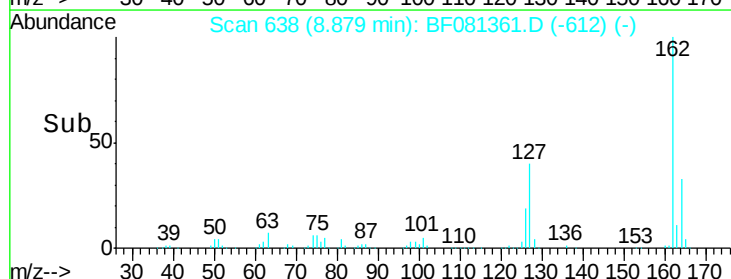


#46
 2-Chloronaphthalene
 Concen: 24.69 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

Tgt Ion:162 Resp: 303278
 Ion Ratio Lower Upper
 162 100
 127 39.8 27.6 41.4
 164 33.4 25.4 38.2



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

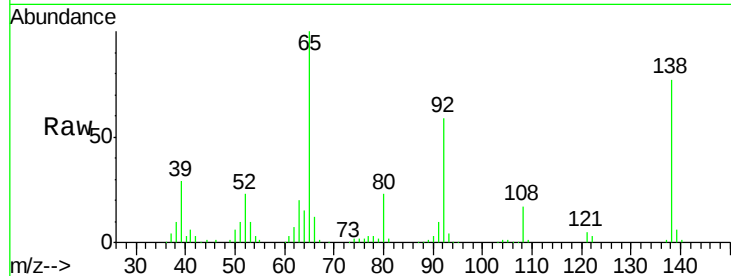




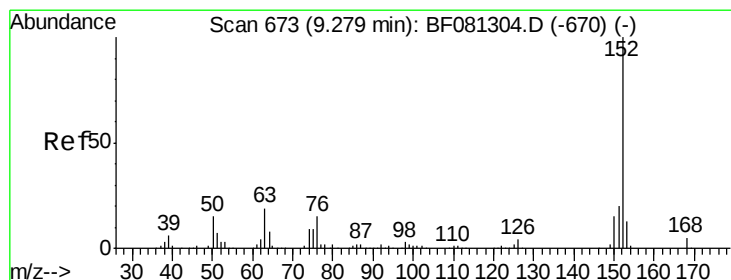
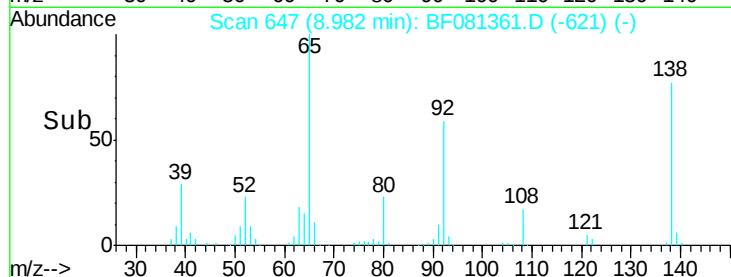
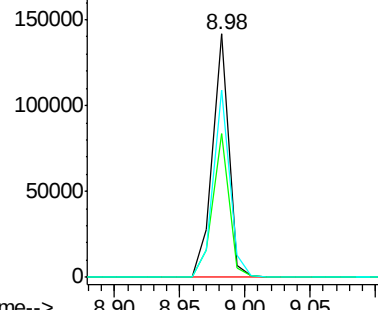
#47
2-Nitroaniline
Concen: 24.53 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

Instrument :
BNA_F
ClientSampleId :
MW01-082815MSD

Tot Ion: 65 Resp: 122800
Ion Ratio Lower Upper
65 100
92 59.3 55.4 83.0
138 77.2 115.5 173.3#

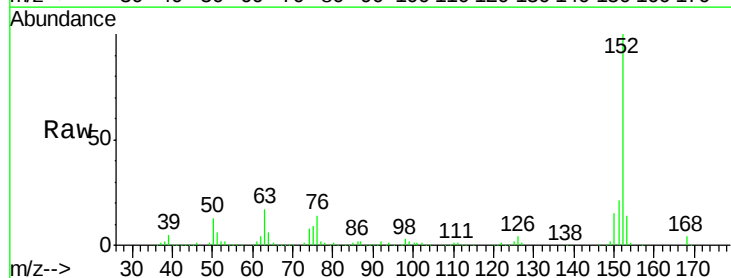


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

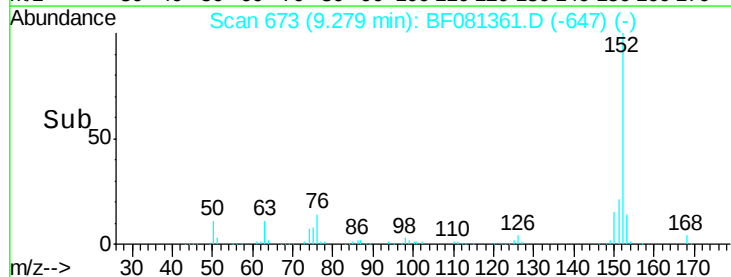
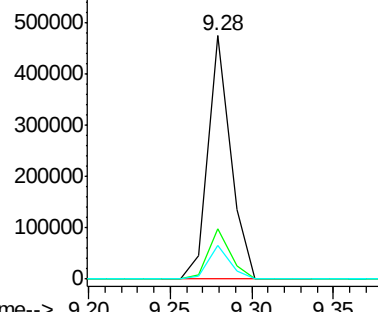


#48
Acenaphthylene
Concen: 20.66 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

Tgt Ion: 152 Resp: 450355
Ion Ratio Lower Upper
152 100
151 20.6 14.6 22.0
153 13.9 10.3 15.5



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

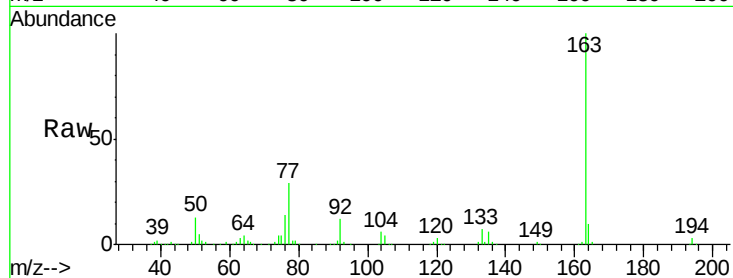




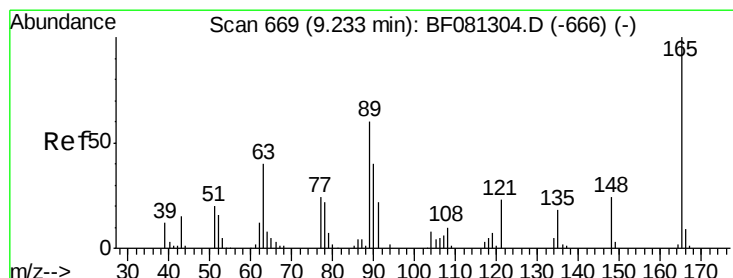
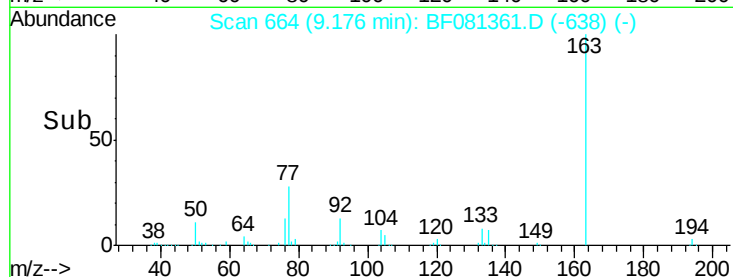
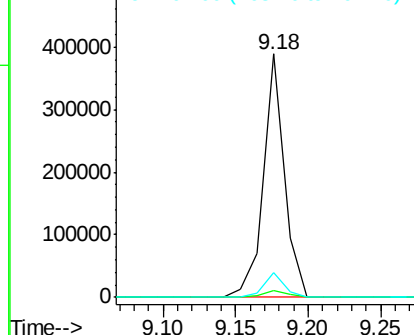
#49
Dimethylphthalate
Concen: 27.09 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

Instrument :
BNA_F
ClientSampleId :
MW01-082815MSD

Tot Ion:163 Resp: 389156
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.3 8.3 12.5

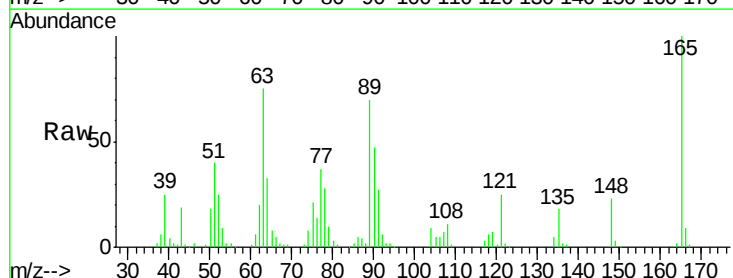


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

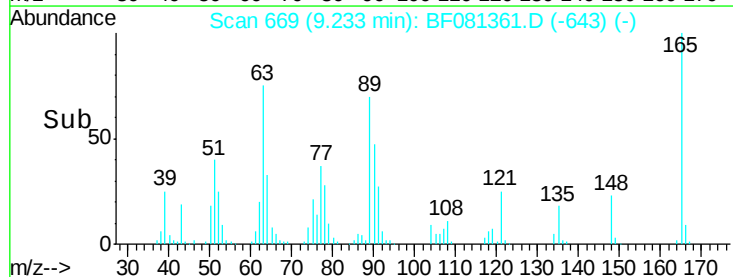
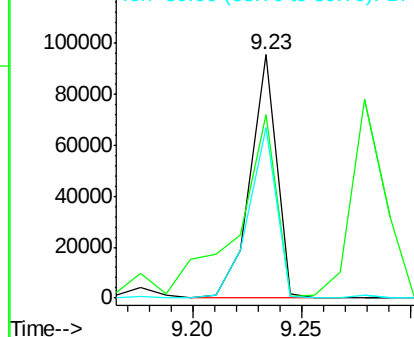


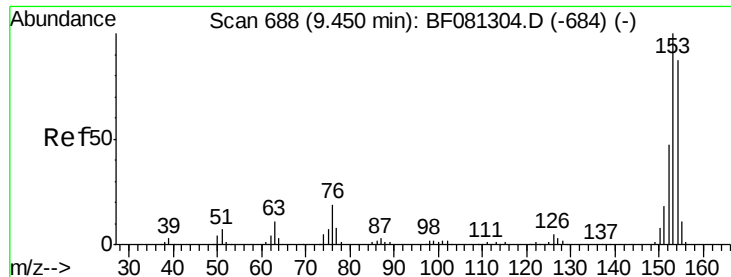
#50
2,6-Dinitrotoluene
Concen: 24.65 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

Tgt Ion:165 Resp: 80366
Ion Ratio Lower Upper
165 100
63 75.4 32.3 48.5#
89 69.9 28.6 43.0#



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

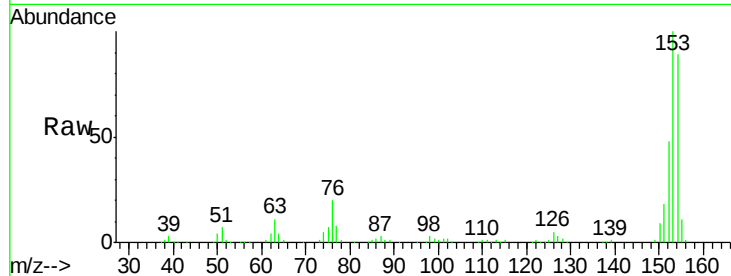




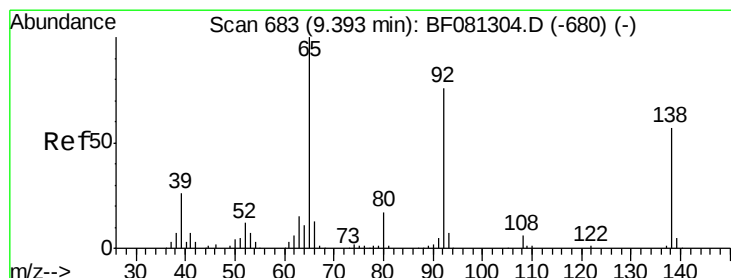
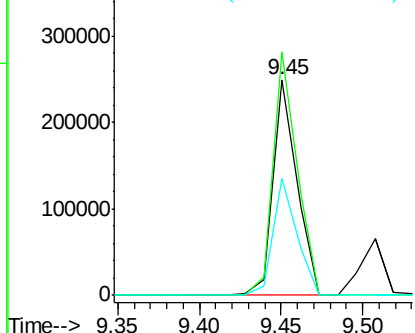
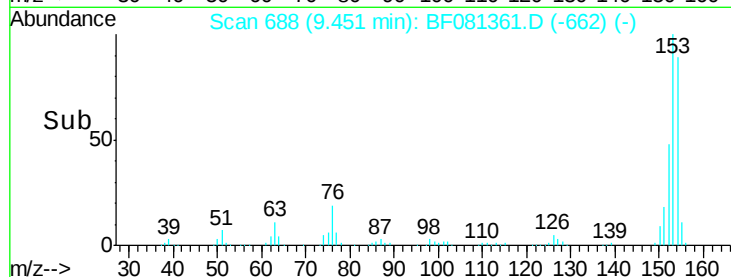
#51
Acenaphthene
Concen: 20.58 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

Instrument :
BNA_F
ClientSampleId :
MW01-082815MSD

Tot Ion:154 Resp: 255209
Ion Ratio Lower Upper
154 100
153 112.8 82.1 123.1
152 54.0 37.9 56.9

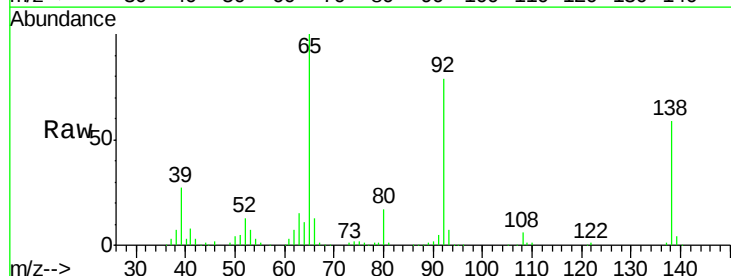


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

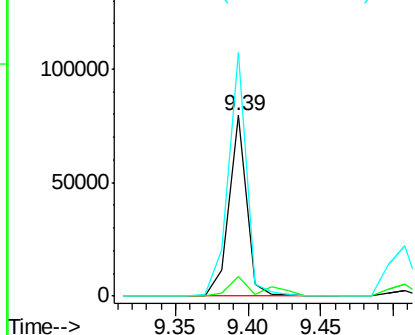
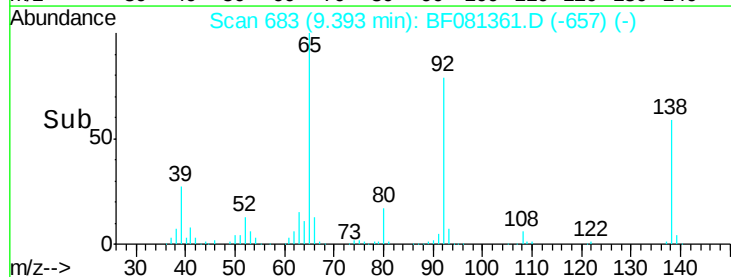


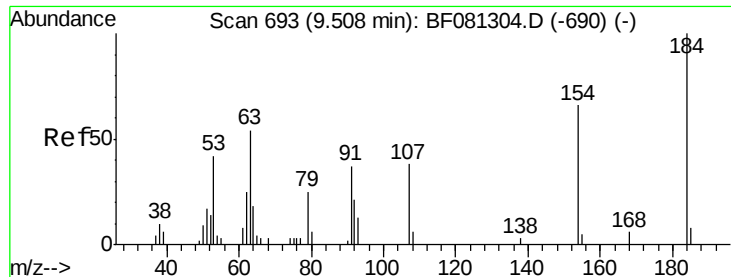
#52
3-Nitroaniline
Concen: 18.17 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

Tgt Ion:138 Resp: 67439
Ion Ratio Lower Upper
138 100
108 10.8 5.7 8.5#
92 134.8 67.7 101.5#



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

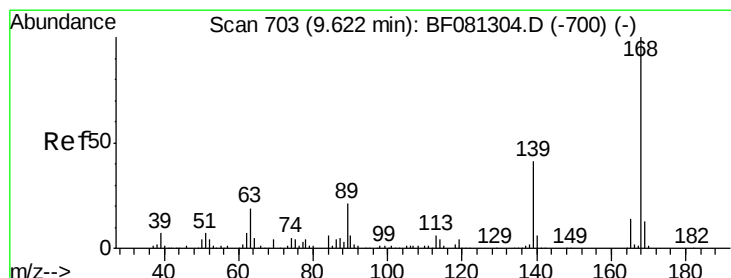
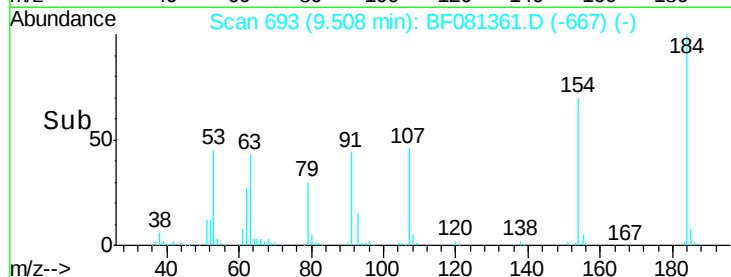
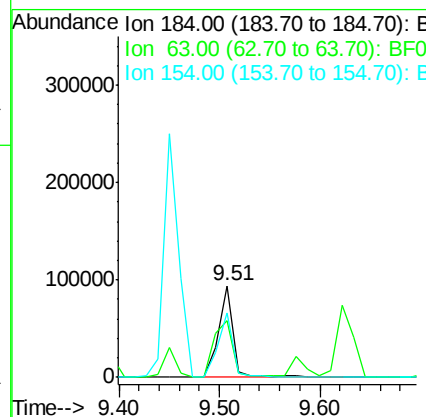
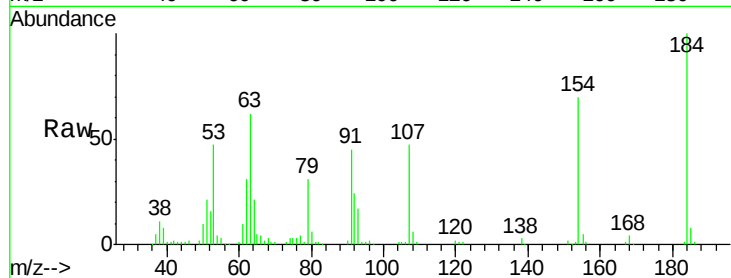




#53
 2,4-Dinitrophenol
 Concen: 69.30 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

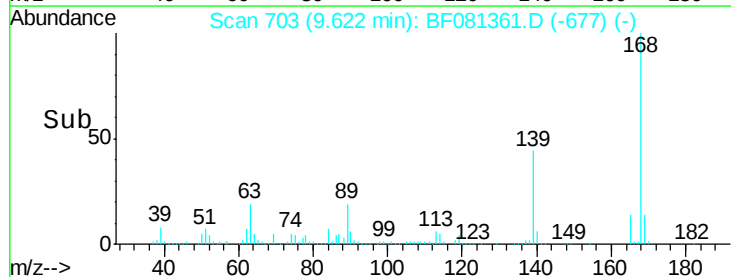
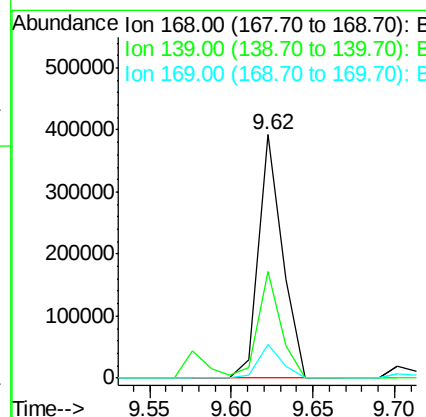
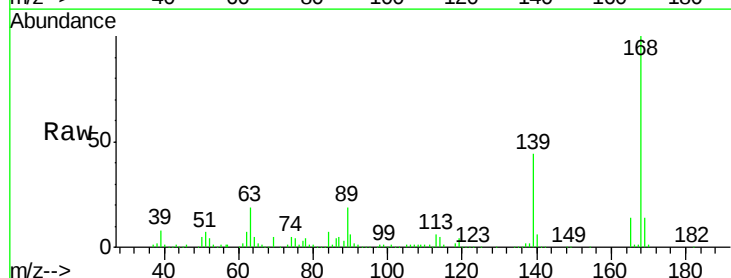
Instrument :
 BNA_F
 ClientSampleId :
 MW01-082815MSD

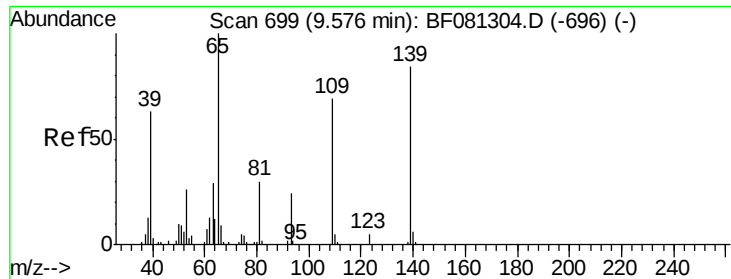
Tot Ion:184 Resp: 95177
 Ion Ratio Lower Upper
 184 100
 63 61.9 35.4 53.2#
 154 70.5 32.2 48.4#



#54
 Dibenzofuran
 Concen: 22.07 ng
 RT: 9.62 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

Tgt Ion:168 Resp: 399477
 Ion Ratio Lower Upper
 168 100
 139 44.0 24.2 36.2#
 169 13.8 10.6 15.8

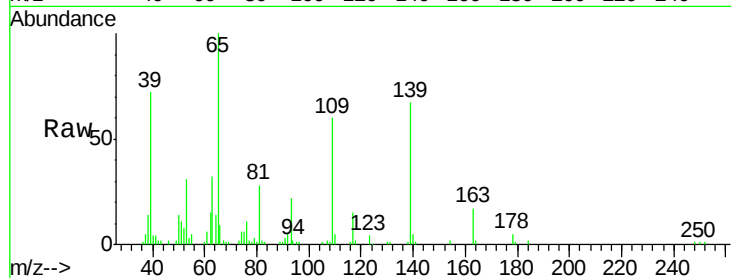




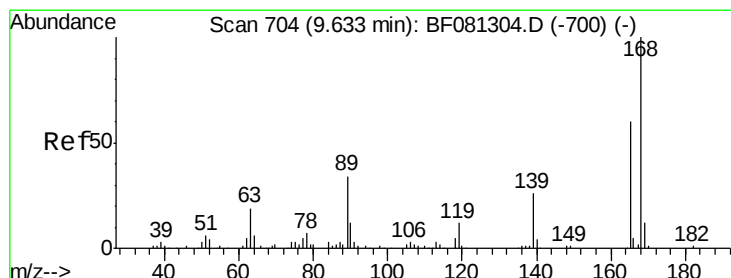
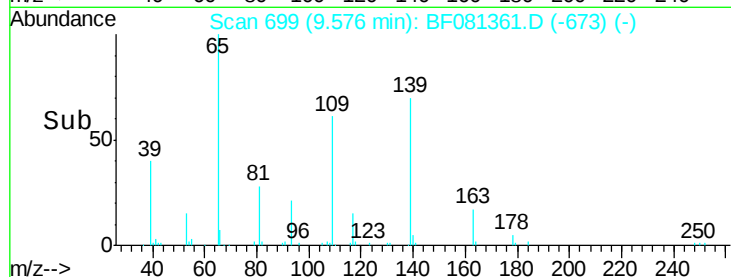
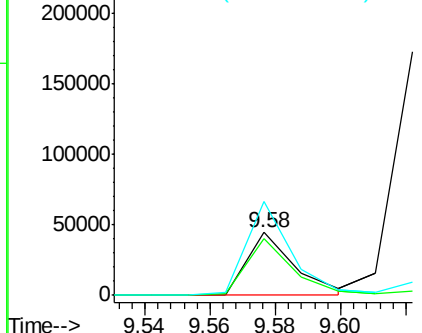
#55
4-Nitrophenol
Concen: 19.14 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

Instrument :
BNA_F
ClientSampleId :
MW01-082815MSD

Tot Ion:139 Resp: 44640
Ion Ratio Lower Upper
139 100
109 90.0 12.7 52.7#
65 149.0 45.9 85.9#

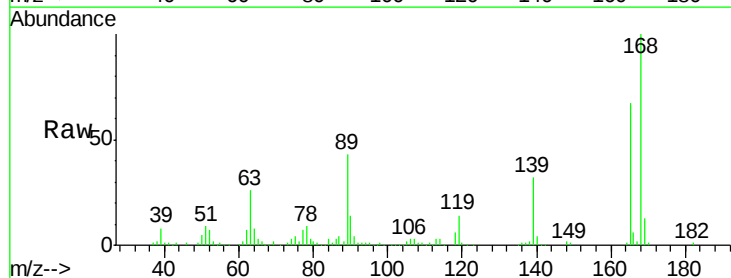


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

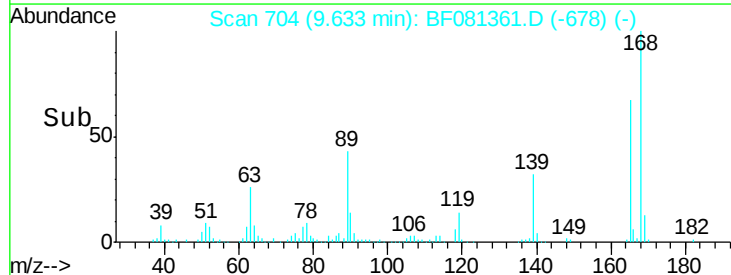
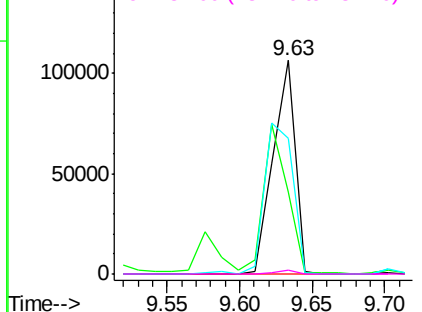


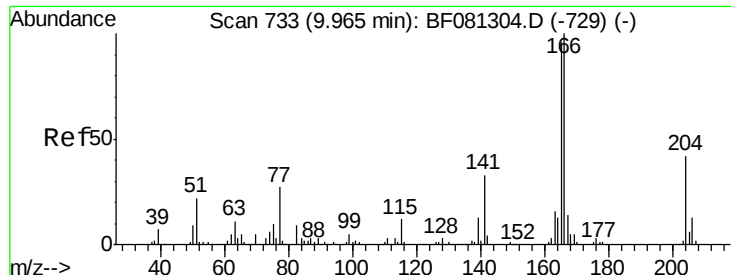
#56
2,4-Dinitrotoluene
Concen: 27.10 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

Tgt Ion:165 Resp: 112518
Ion Ratio Lower Upper
165 100
63 38.6 29.8 44.6
89 63.8 44.5 66.7
182 2.0 3.0 4.4#



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: 26.08 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

Instrument :

BNA_F

ClientSampleId :

MW01-082815MSD

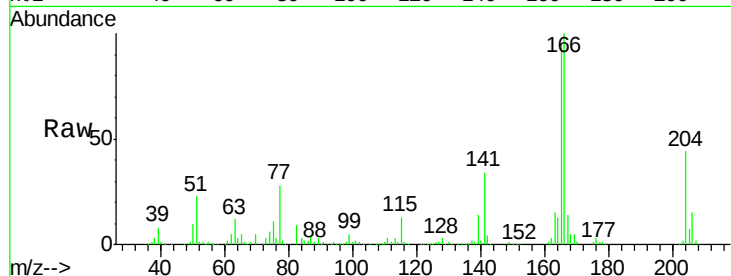
Tot Ion:166 Resp: 358252

Ion Ratio Lower Upper

166 100

165 94.5 72.6 109.0

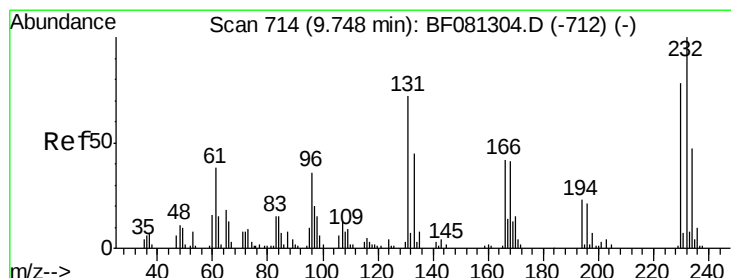
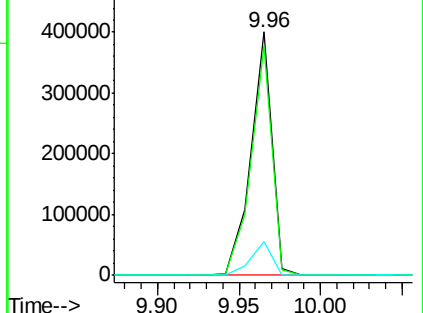
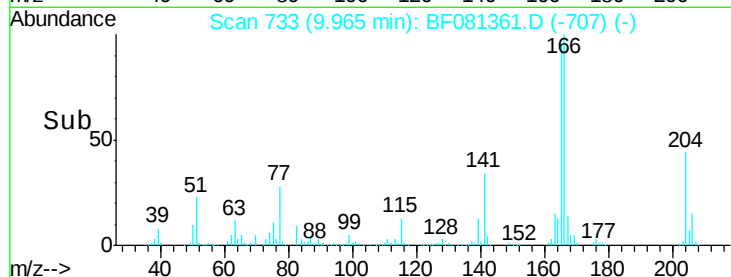
167 13.6 10.6 16.0



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: 23.86 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.03 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

Tgt Ion:232 Resp: 75004

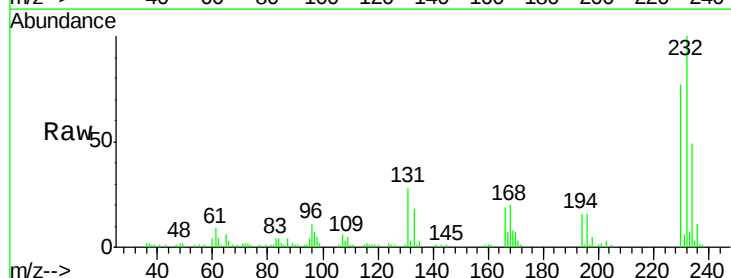
Ion Ratio Lower Upper

232 100

131 50.4 38.5 57.7

130 2.6 1.8 2.6

166 27.0 25.0 37.6

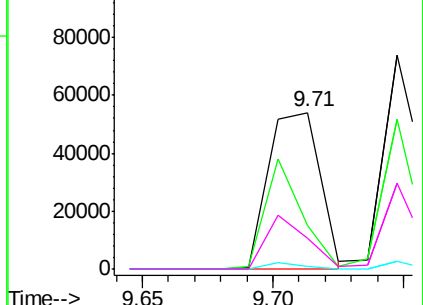
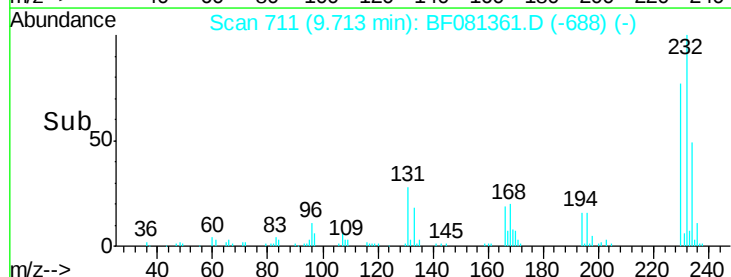


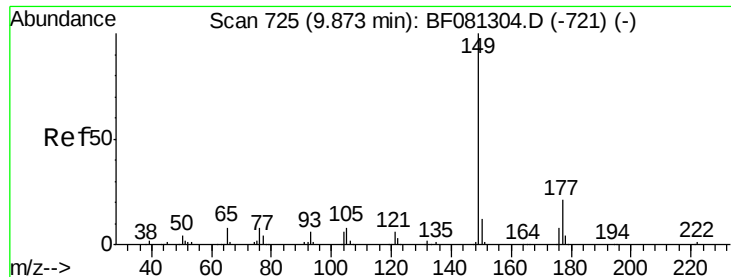
Abundance Ion 232.00 (231.70 to 232.70): E

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

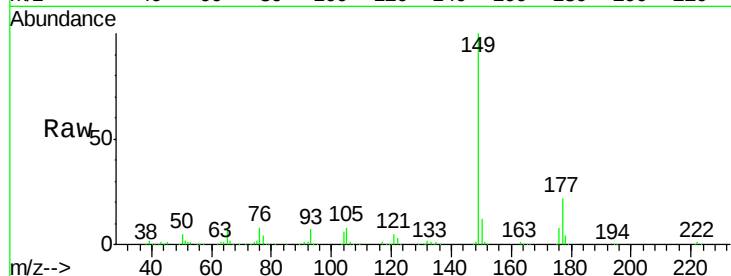




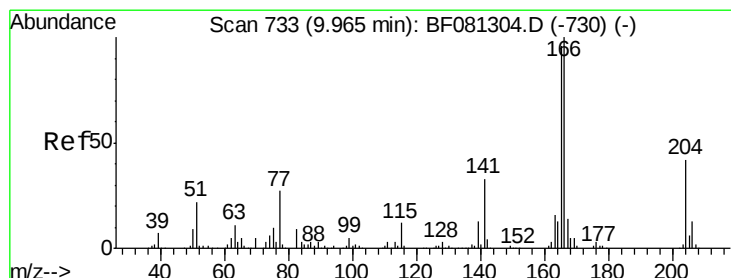
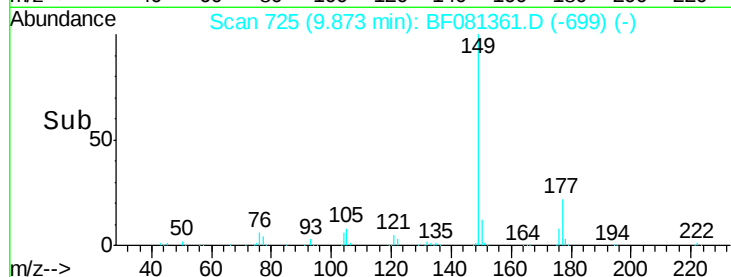
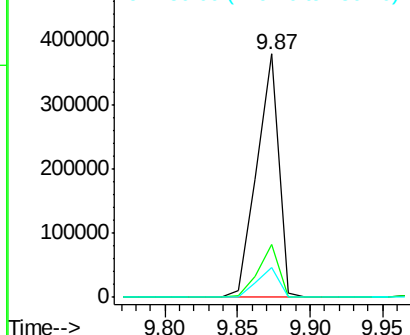
#59
Diethylphthalate
Concen: 26.36 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

Instrument :
BNA_F
ClientSampleId :
MW01-082815MSD

Tot Ion:149 Resp: 398382
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.3 9.4 14.2

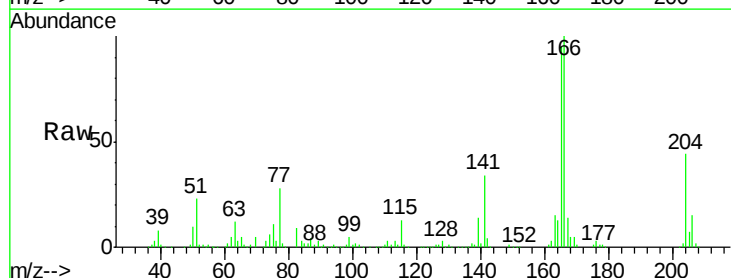


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

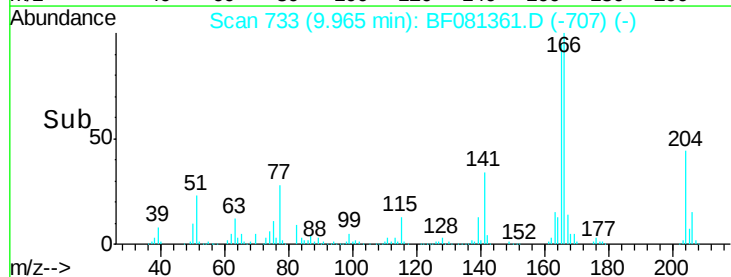
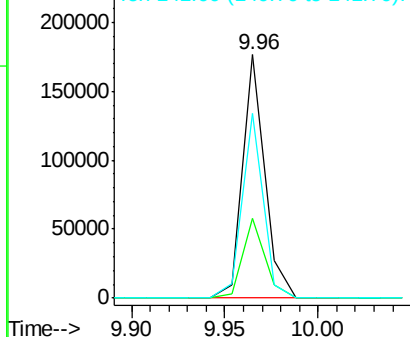


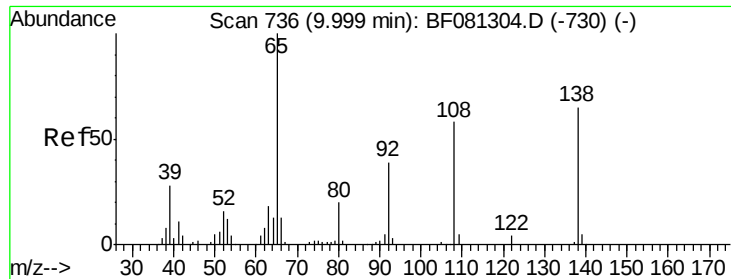
#60
4-Chlorophenyl-phenylether
Concen: 22.93 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

Tgt Ion:204 Resp: 146831
Ion Ratio Lower Upper
204 100
206 32.9 24.8 37.2
141 76.1 42.2 63.4#



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: 20.53 ng

RT: 10.00 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

Instrument :

BNA_F

ClientSampleId :

MW01-082815MSD

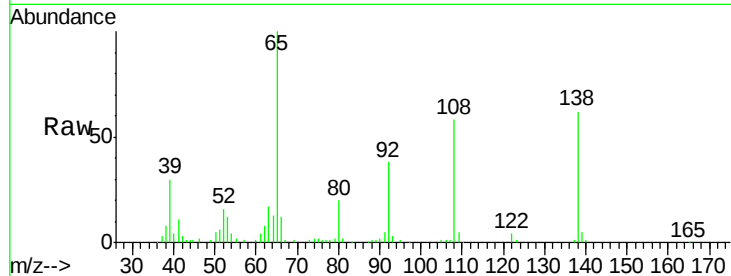
Tot Ion:138 Resp: 76993

Ion Ratio Lower Upper

138 100

92 61.5 12.6 52.6#

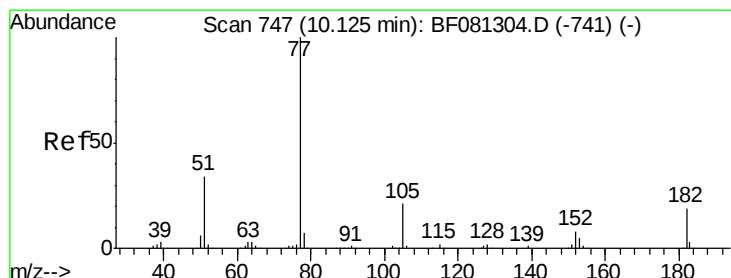
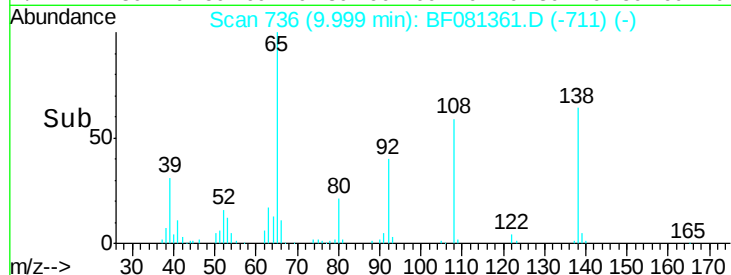
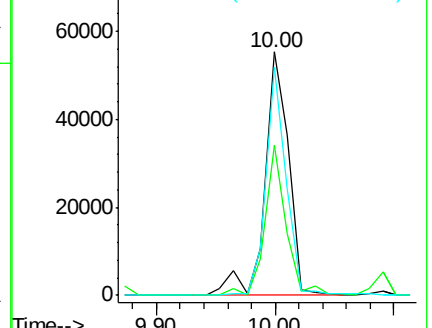
108 93.7 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 25.96 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

Tgt Ion: 77 Resp: 436153

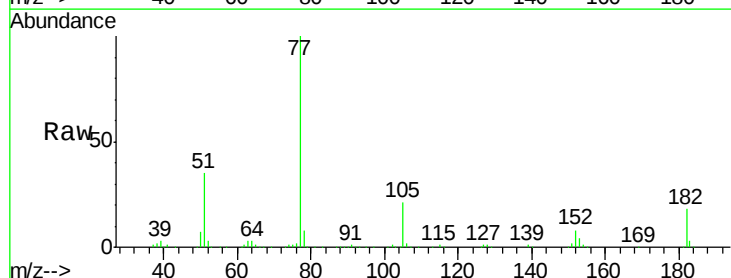
Ion Ratio Lower Upper

77 100

182 18.2 15.1 55.1

105 21.4 3.4 43.4

51 35.4 12.0 52.0

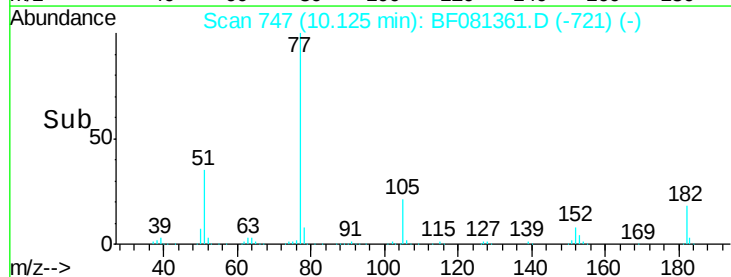
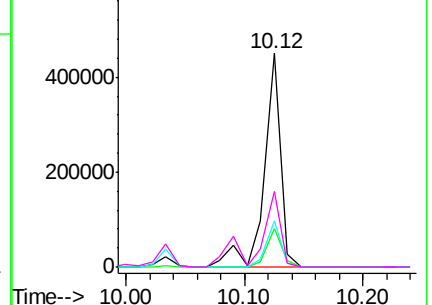


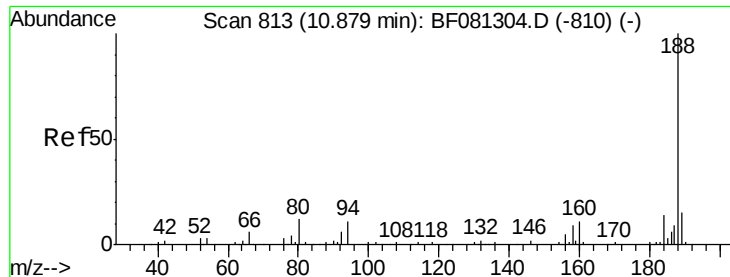
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

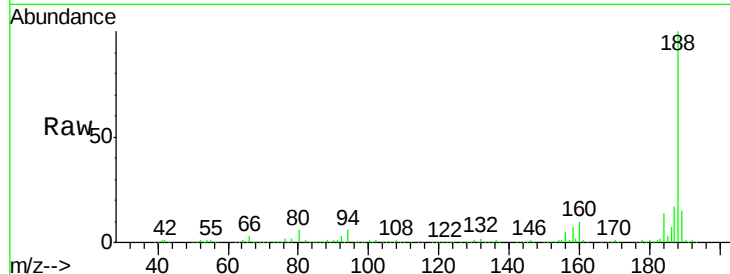




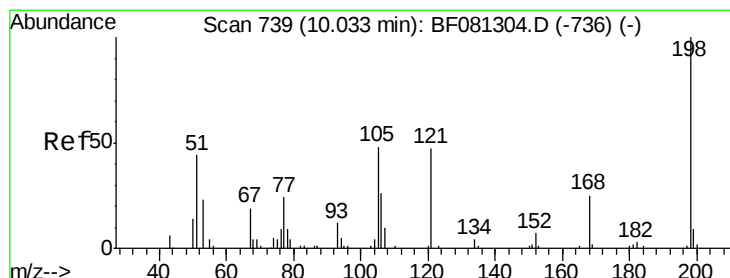
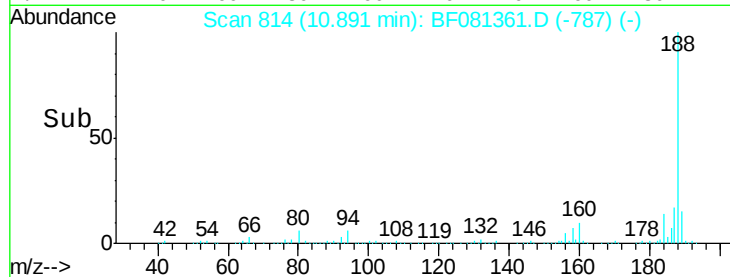
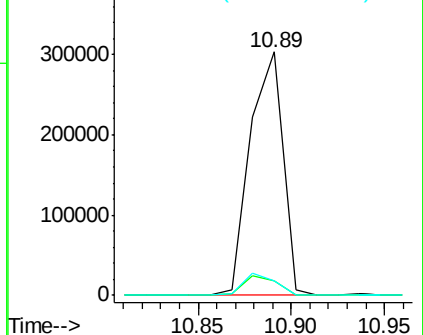
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

Instrument :
 BNA_F
 ClientSampleId :
 MW01-082815MSD

Tot Ion:188 Resp: 370851
 Ion Ratio Lower Upper
 188 100
 94 5.7 11.1 16.7#
 80 5.8 11.0 16.4#

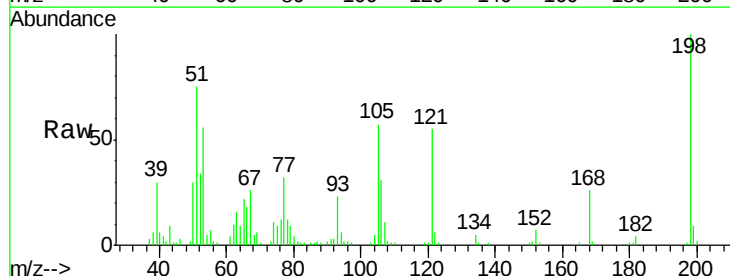


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

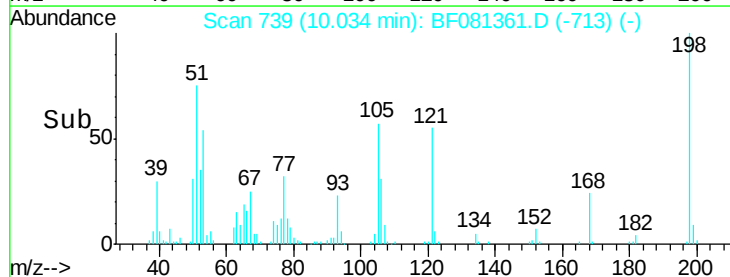
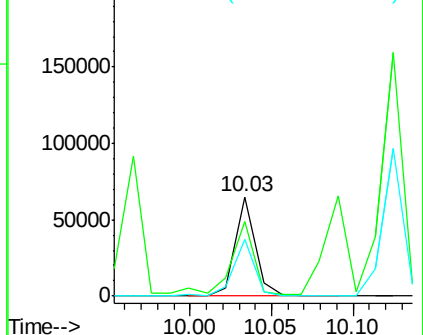


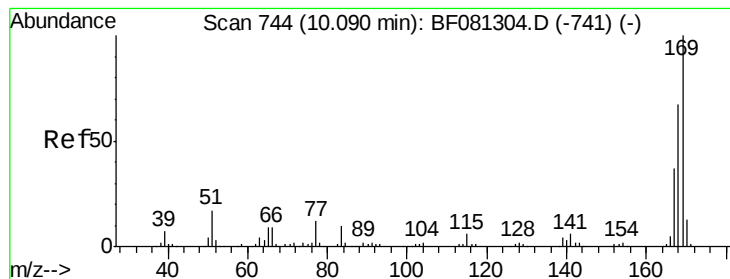
#64
 4,6-Dinitro-2-methylphenol
 Concen: 26.56 ng
 RT: 10.03 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

Tgt Ion:198 Resp: 55102
 Ion Ratio Lower Upper
 198 100
 51 74.7 39.6 79.6
 105 57.2 28.5 68.5



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

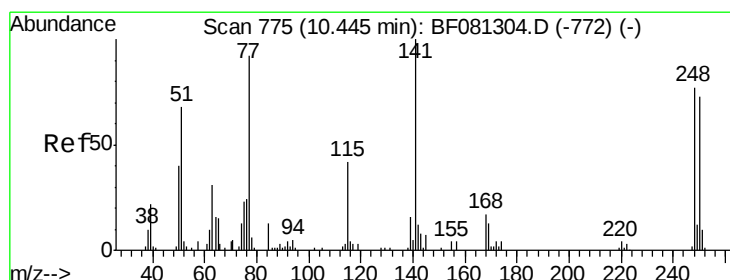
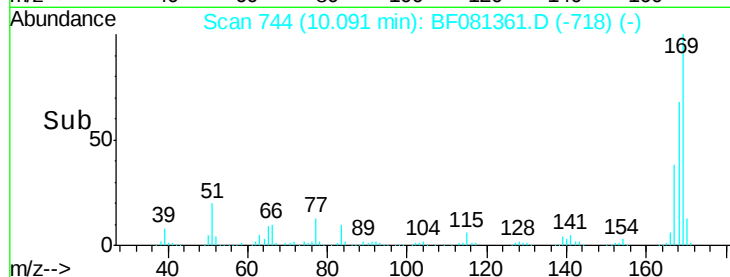
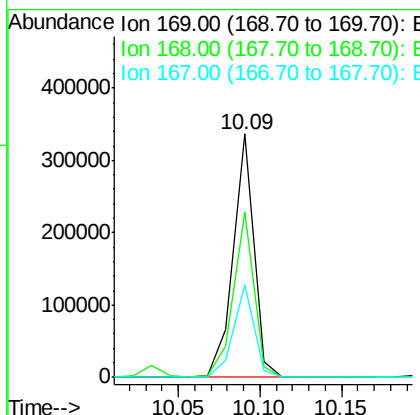
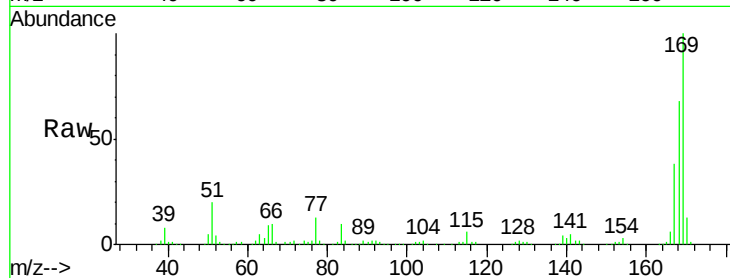




#65
 n-Nitrosodiphenylamine
 Concen: 21.75 ng
 RT: 10.09 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

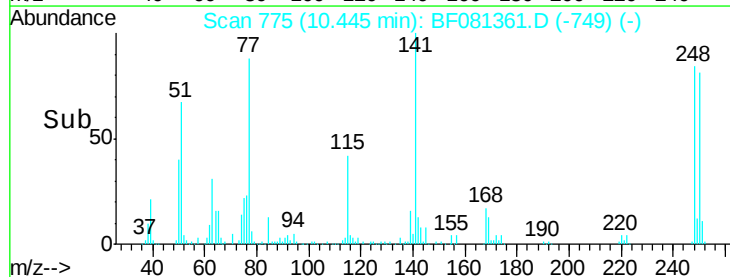
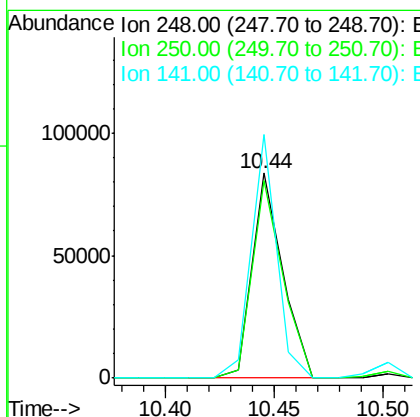
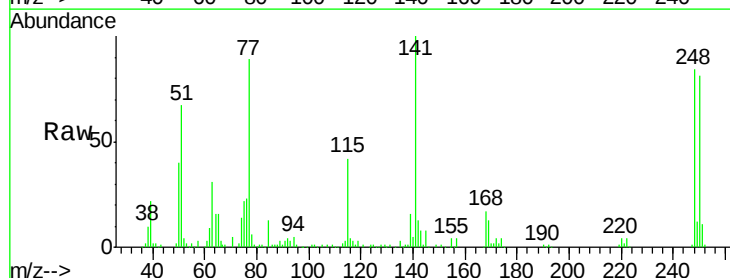
Instrument :
 BNA_F
 ClientSampleId :
 MW01-082815MSD

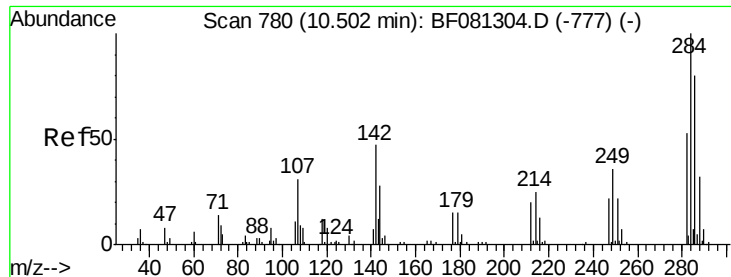
Tot Ion:169 Resp: 293449
 Ion Ratio Lower Upper
 169 100
 168 68.0 48.9 73.3
 167 37.8 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 21.81 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

Tgt Ion:248 Resp: 81785
 Ion Ratio Lower Upper
 248 100
 250 96.1 78.5 117.7
 141 118.9 59.0 88.6#





#67

Hexachlorobenzene

Concen: 21.80 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

Instrument :

BNA_F

ClientSampleId :

MW01-082815MSD

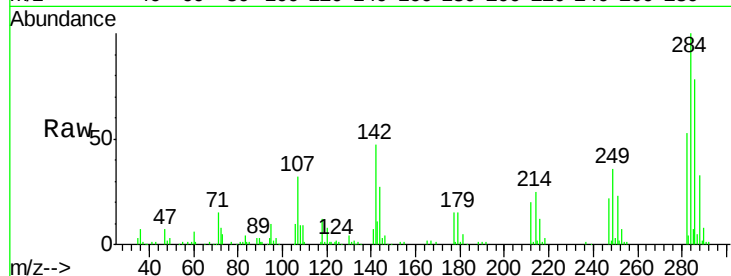
Tot Ion:284 Resp: 85484

Ion Ratio Lower Upper

284 100

142 47.0 29.5 44.3#

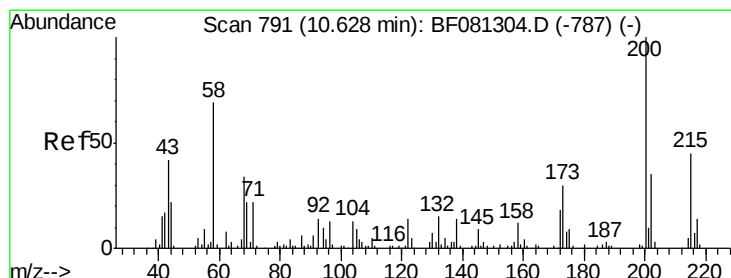
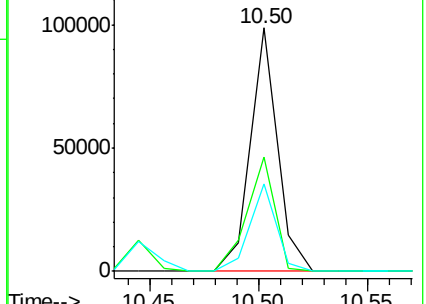
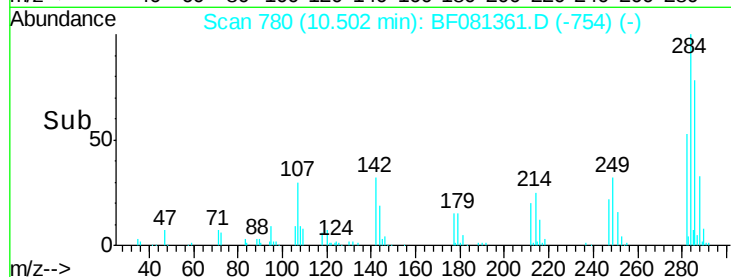
249 35.8 19.5 29.3#



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: 20.93 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

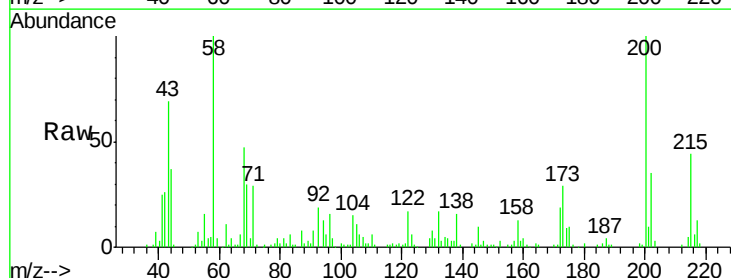
Tgt Ion:200 Resp: 81716

Ion Ratio Lower Upper

200 100

173 29.4 13.2 53.2

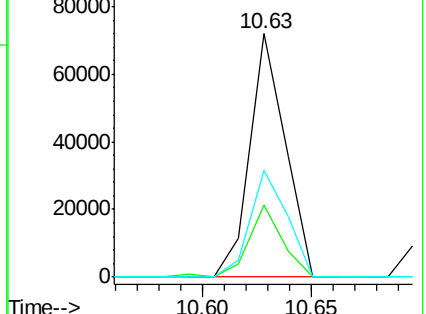
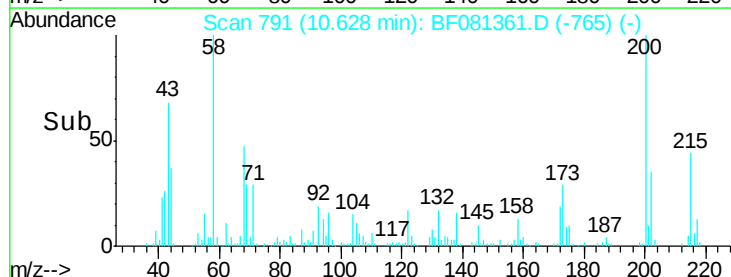
215 43.6 41.8 81.8

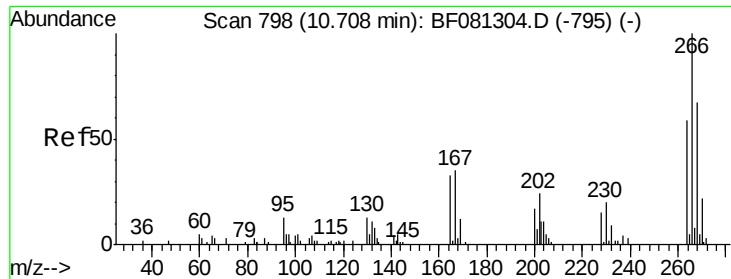


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

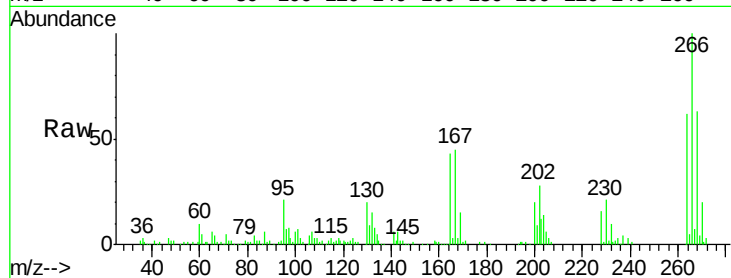




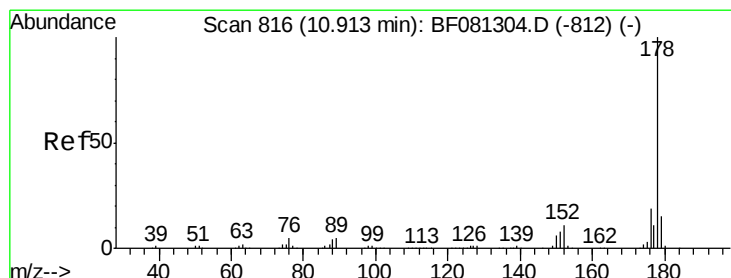
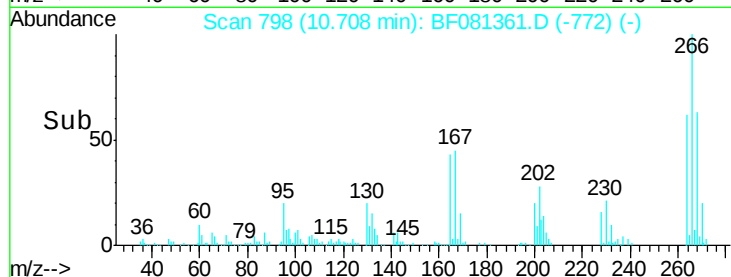
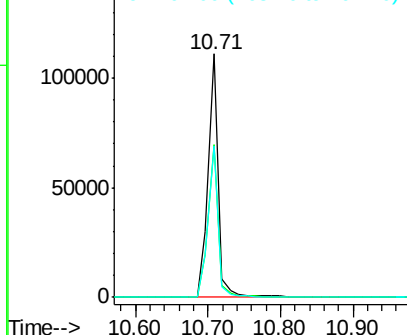
#69
 Pentachlorophenol
 Concen: 59.68 ng
 RT: 10.71 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

Instrument :
 BNA_F
 ClientSampleId :
 MW01-082815MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	49.8	74.6
264	62.2	50.2	75.2

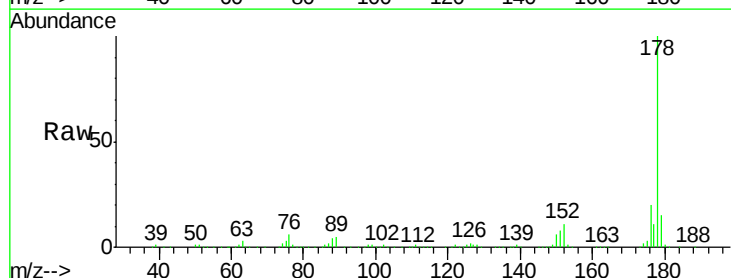


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

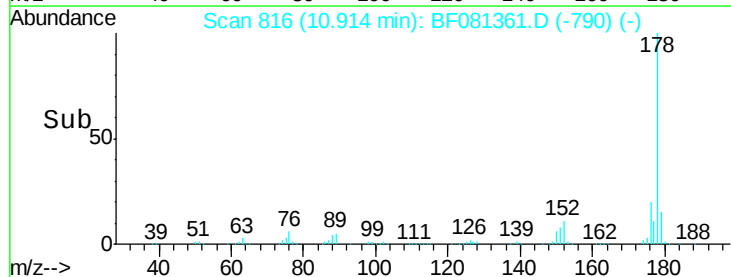
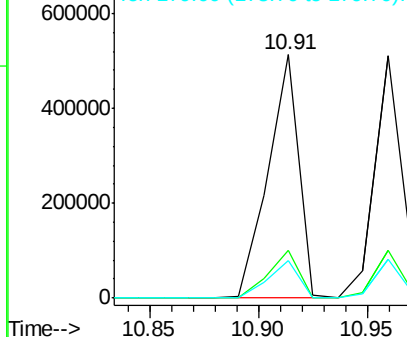


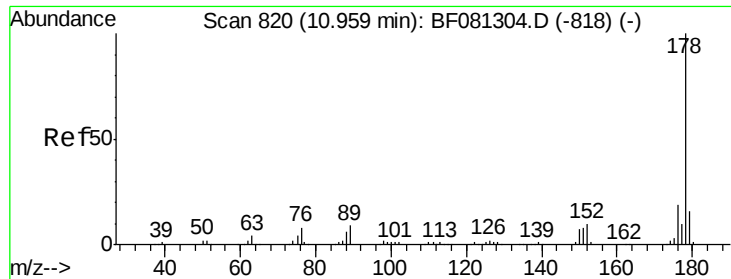
#70
 Phenanthrene
 Concen: 24.74 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	13.8	20.8
179	15.2	12.2	18.2



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

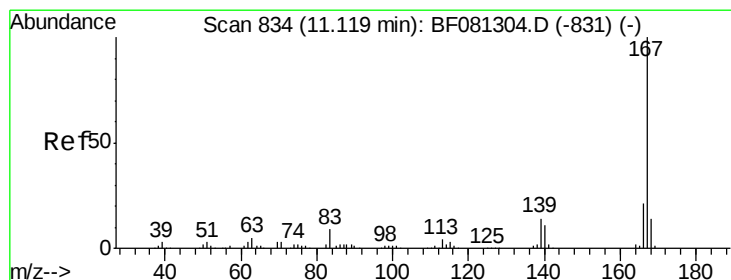
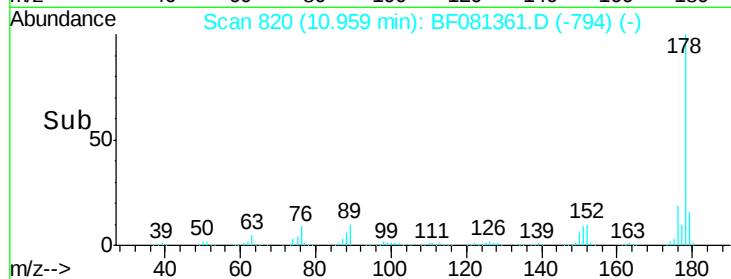
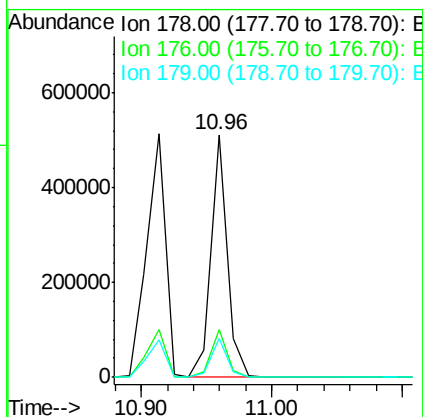
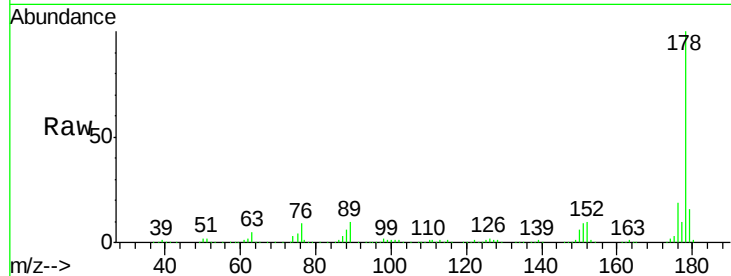




#71
 Anthracene
 Concen: 21.28 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

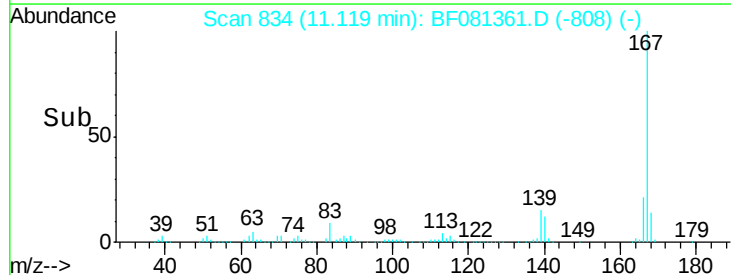
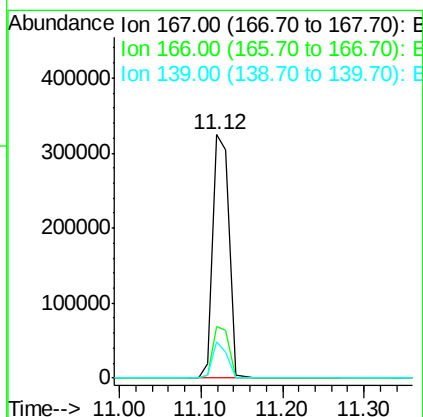
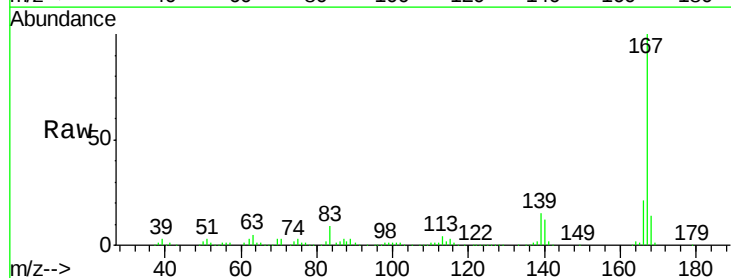
Instrument :
 BNA_F
 ClientSampleId :
 MW01-082815MSD

Tot Ion:178 Resp: 450788
 Ion Ratio Lower Upper
 178 100
 176 19.5 14.1 21.1
 179 15.8 12.2 18.2



#72
 Carbazole
 Concen: 22.70 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

Tgt Ion:167 Resp: 451179
 Ion Ratio Lower Upper
 167 100
 166 21.0 15.7 23.5
 139 14.9 9.5 14.3#





#73

Di-n-butylphthalate

Concen: 23.51 ng

RT: 11.47 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

Instrument :

BNA_F

ClientSampleId :

MW01-082815MSD

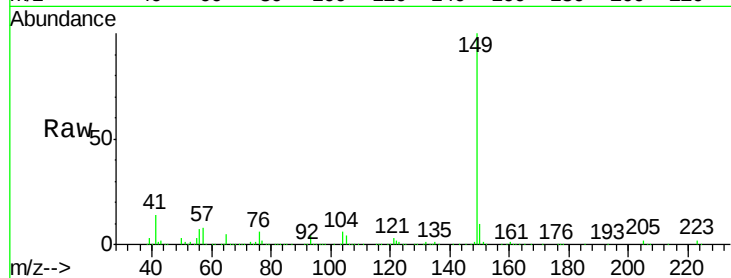
Tot Ion:149 Resp: 551913

Ion Ratio Lower Upper

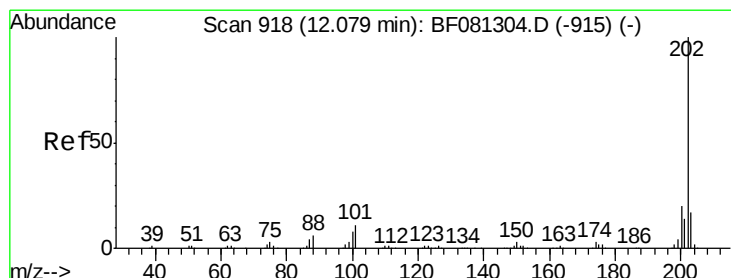
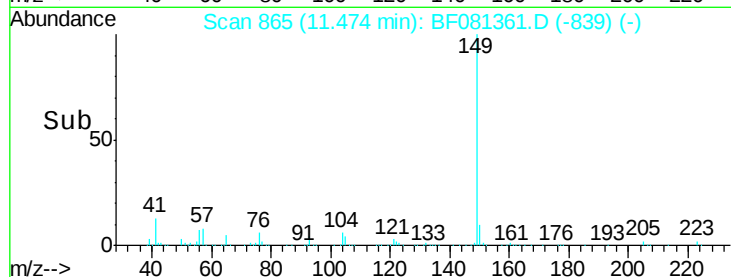
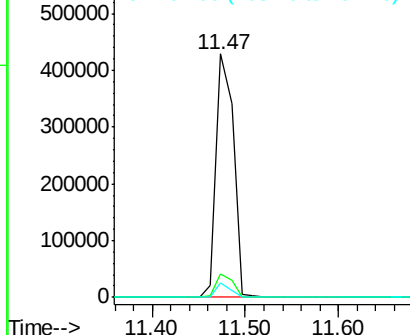
149 100

150 9.6 7.4 11.2

104 6.1 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 21.38 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

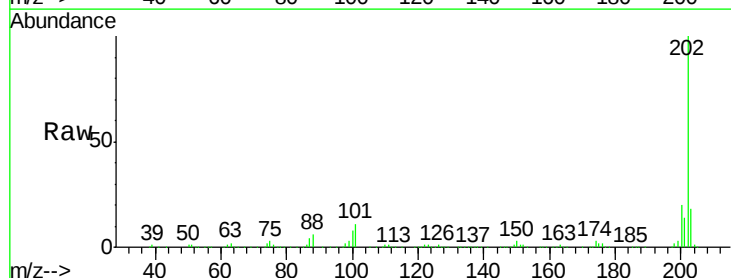
Tgt Ion:202 Resp: 477227

Ion Ratio Lower Upper

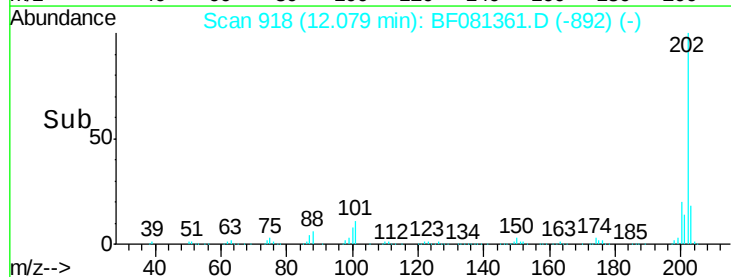
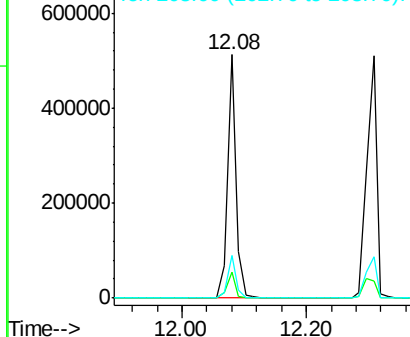
202 100

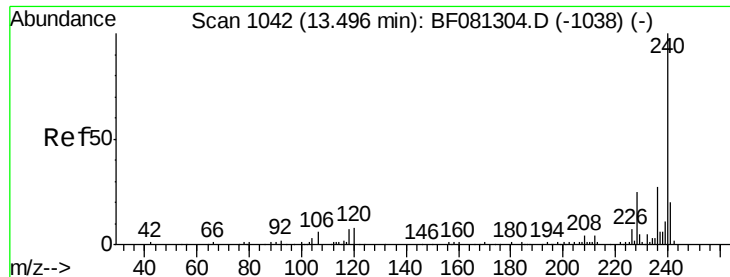
101 10.5 0.0 38.3

203 17.8 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.50 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

Instrument :

BNA_F

ClientSampleId :

MW01-082815MSD

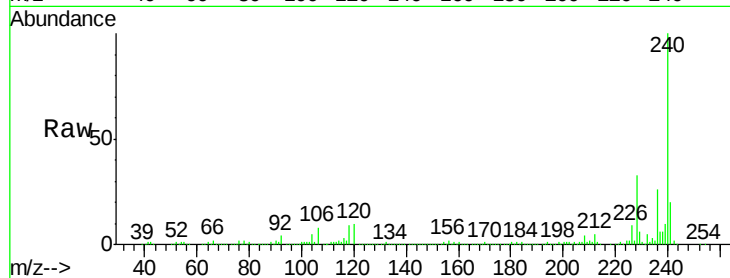
Tot Ion:240 Resp: 280616

Ion Ratio Lower Upper

240 100

120 10.4 16.2 24.2#

236 26.3 18.4 27.6

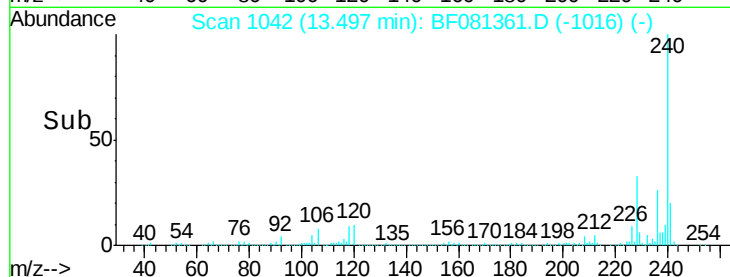


Abundance Ion 240.00 (239.70 to 240.70): E

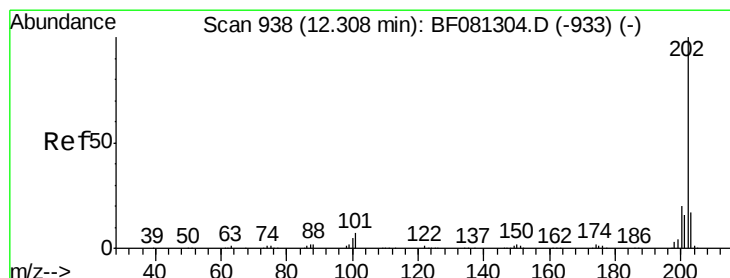
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.50



Time--> 13.40 13.50 13.60



#77

Pyrene

Concen: 26.73 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

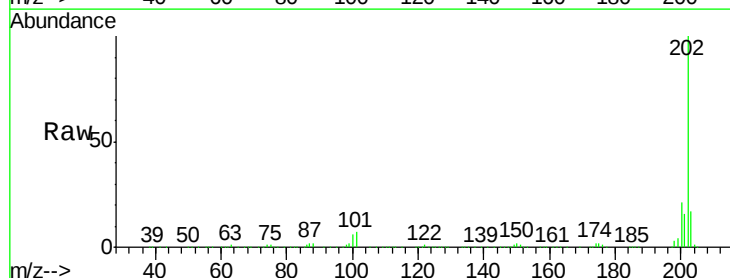
Tgt Ion:202 Resp: 555649

Ion Ratio Lower Upper

202 100

200 20.7 15.0 22.4

203 17.2 14.1 21.1

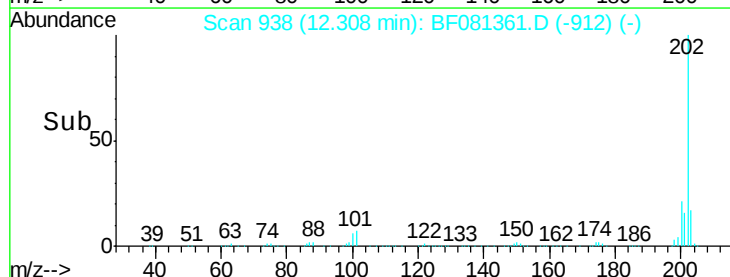


Abundance Ion 202.00 (201.70 to 202.70): E

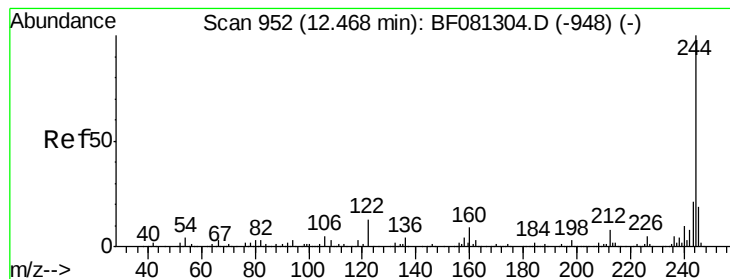
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.31



Time--> 12.20 12.30 12.40



#78

Terphenyl-d14

Concen: 46.89 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

Instrument :

BNA_F

ClientSampleId :

MW01-082815MSD

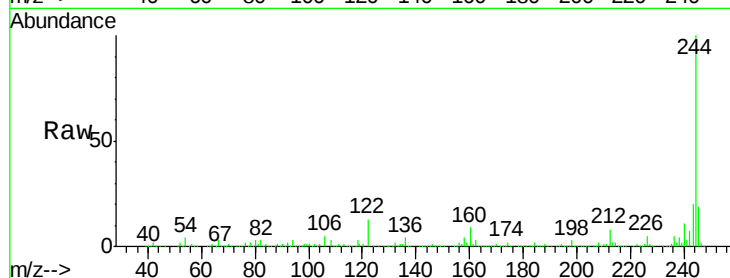
Tot Ion:244 Resp: 565263

Ion Ratio Lower Upper

244 100

212 8.3 4.3 6.5#

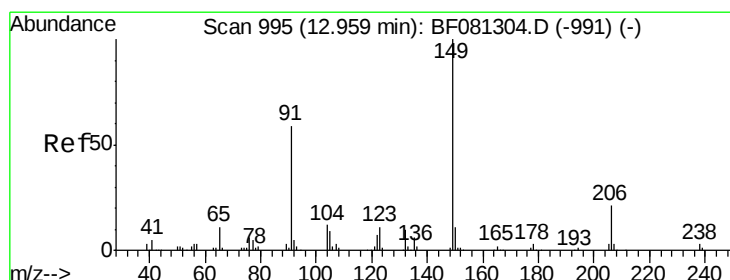
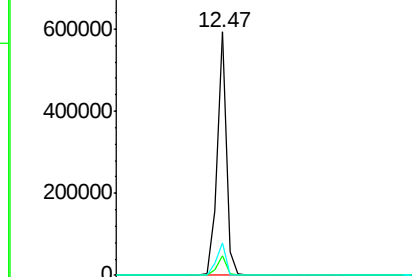
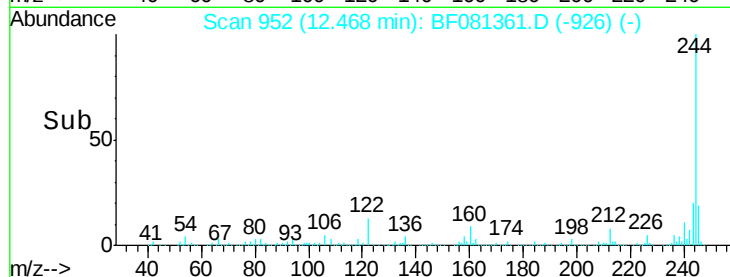
122 13.3 17.4 26.2#



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: 27.03 ng

RT: 12.96 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

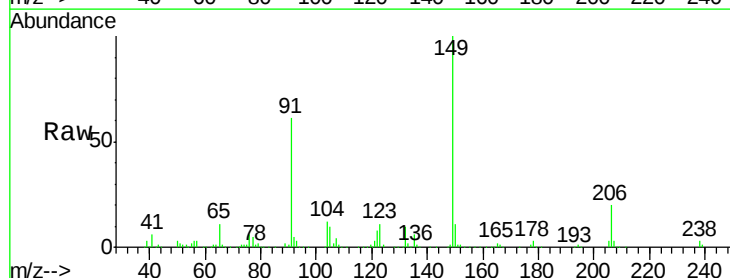
Tgt Ion:149 Resp: 244373

Ion Ratio Lower Upper

149 100

91 60.9 48.6 72.8

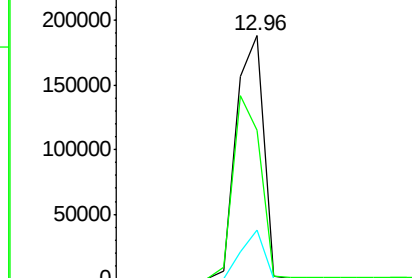
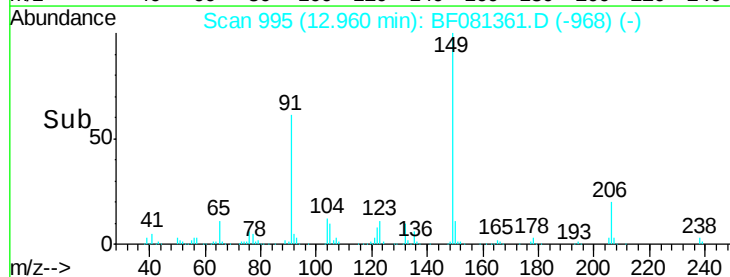
206 19.9 14.9 22.3

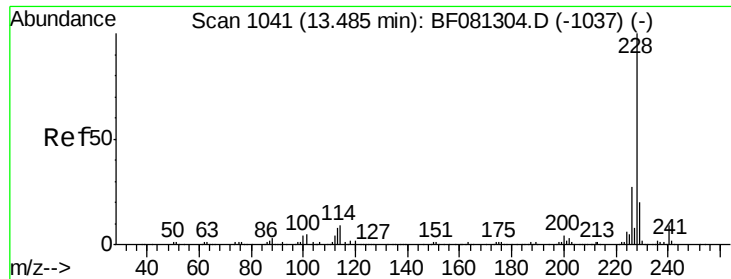


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

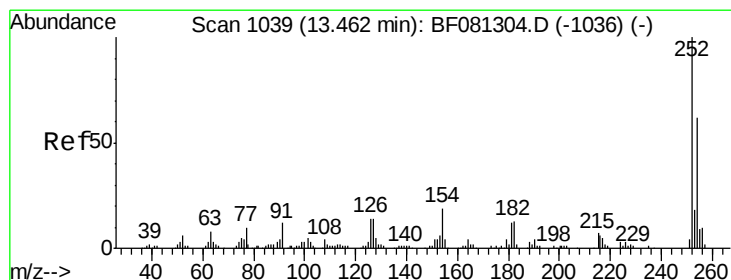
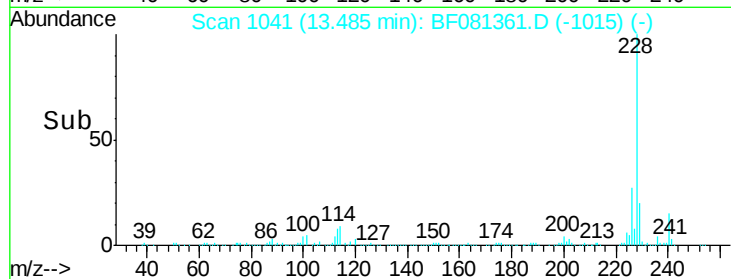
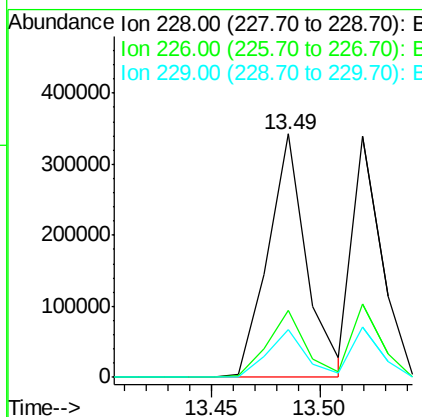
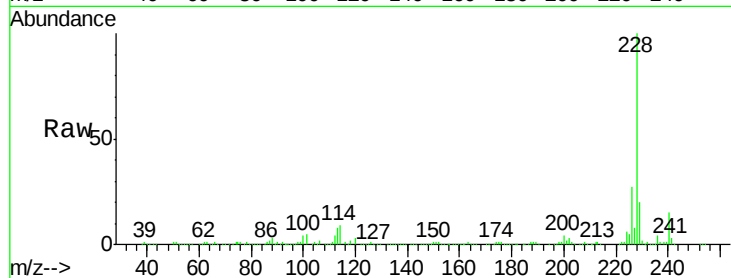




#80
Benzo(a)anthracene
Concen: 23.72 ng
RT: 13.49 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

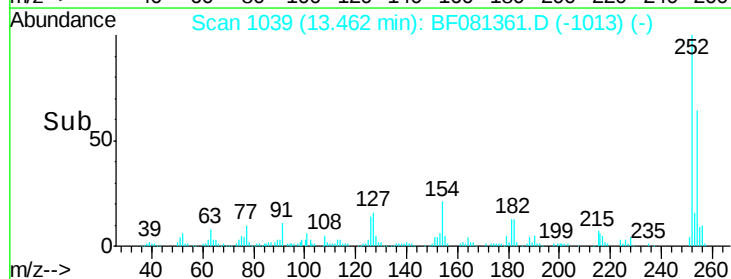
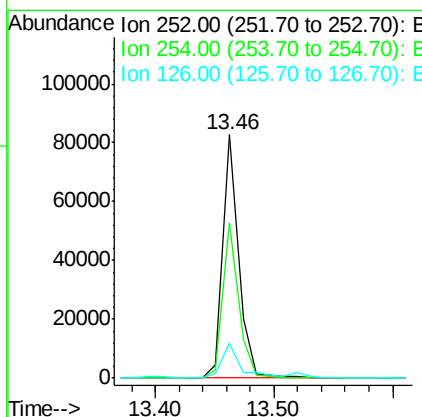
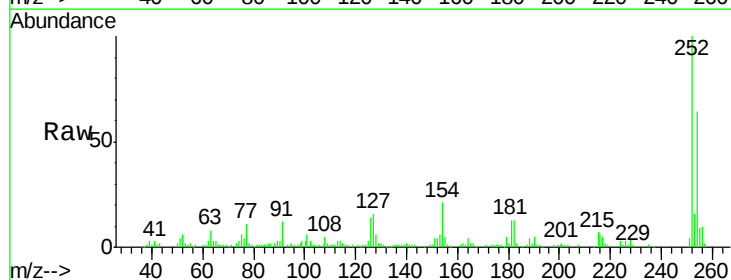
Instrument :
BNA_F
ClientSampleId :
MW01-082815MSD

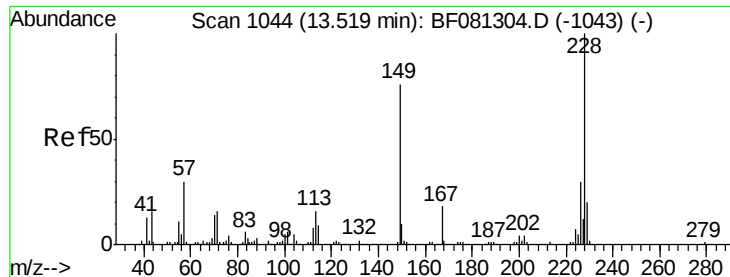
Tot Ion:228 Resp: 423956
Ion Ratio Lower Upper
228 100
226 27.4 20.0 30.0
229 19.7 15.4 23.2



#81
3,3'-Dichlorobenzidine
Concen: 12.65 ng
RT: 13.46 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

Tgt Ion:252 Resp: 76251
Ion Ratio Lower Upper
252 100
254 63.6 51.4 77.2
126 14.2 16.4 24.6#





#82

Chrysene

Concen: 19.69 ng

RT: 13.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

Instrument :

BNA_F

ClientSampleId :

MW01-082815MSD

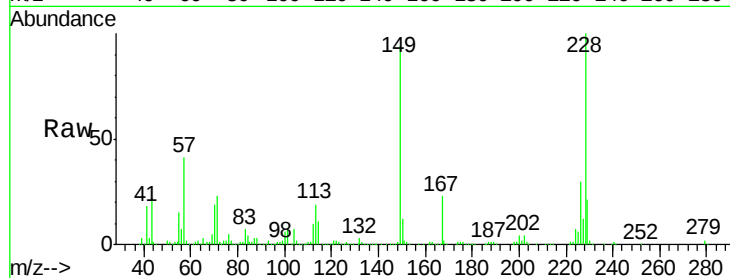
Tot Ion:228 Resp: 315461

Ion Ratio Lower Upper

228 100

226 30.4 21.0 31.4

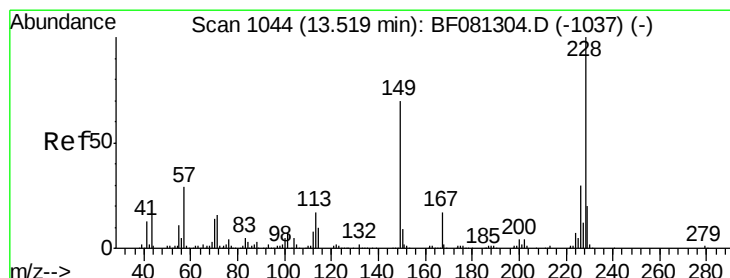
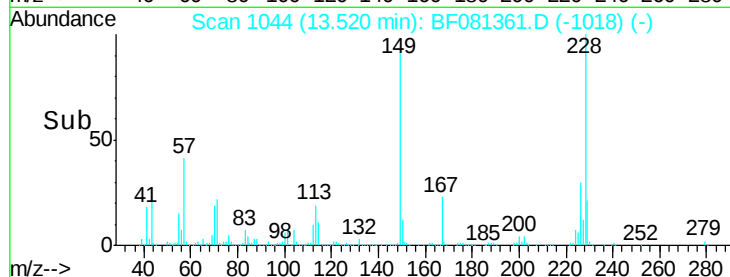
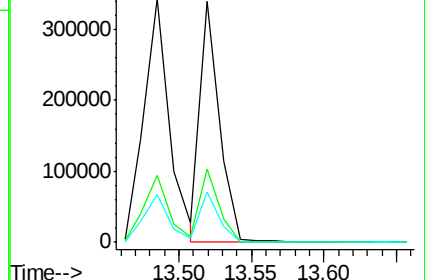
229 20.7 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 25.52 ng

RT: 13.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF081361.D

Acq: 2 Sep 2015 21:46

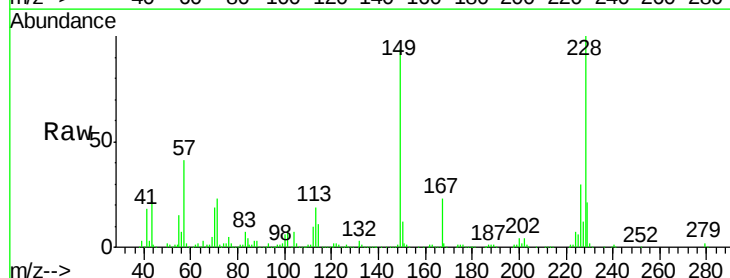
Tgt Ion:149 Resp: 304400

Ion Ratio Lower Upper

149 100

167 24.2 24.2 36.2

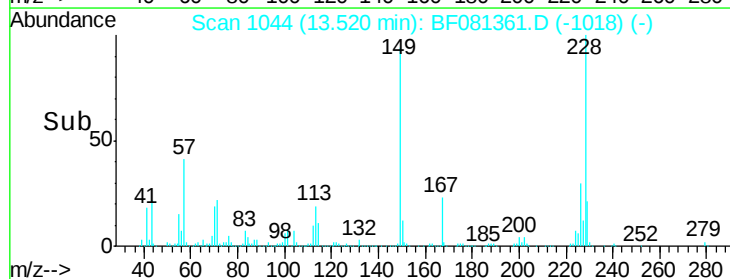
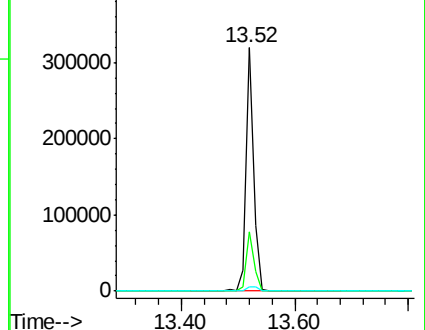
279 1.8 3.8 5.6#

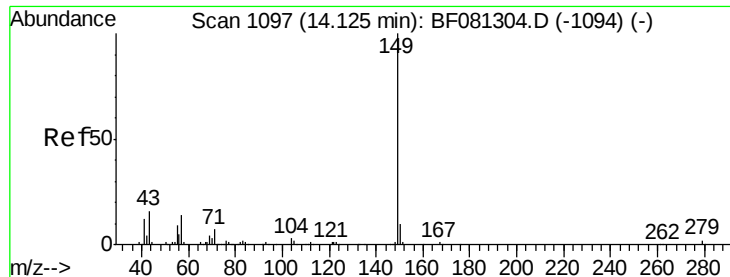


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

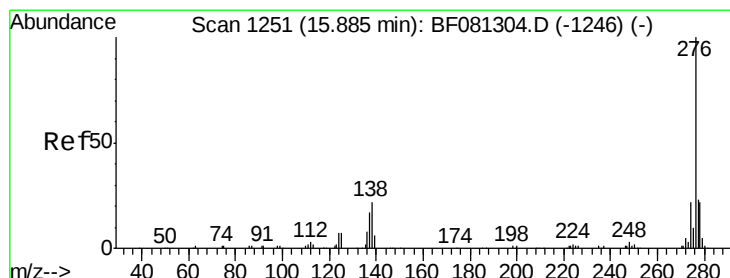
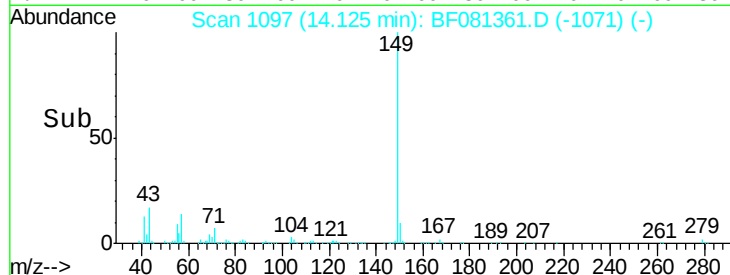
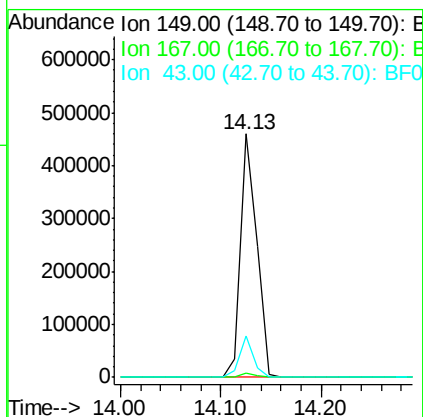
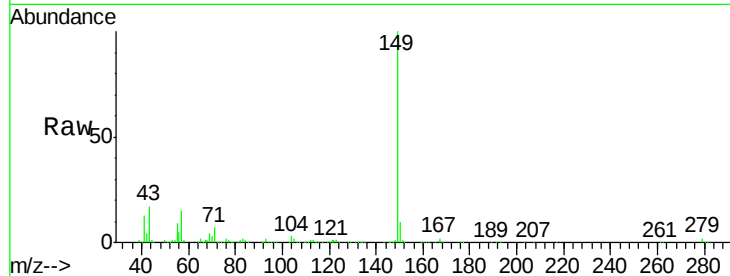




#84
Di-n-octyl phthalate
Concen: 26.33 ng
RT: 14.13 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

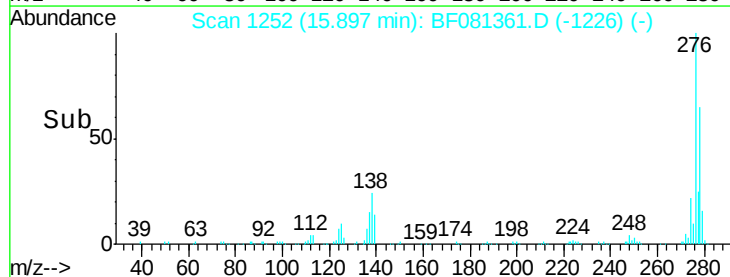
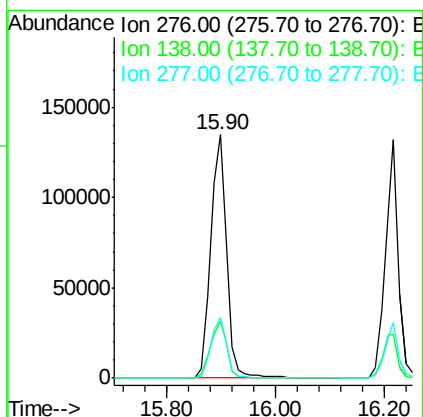
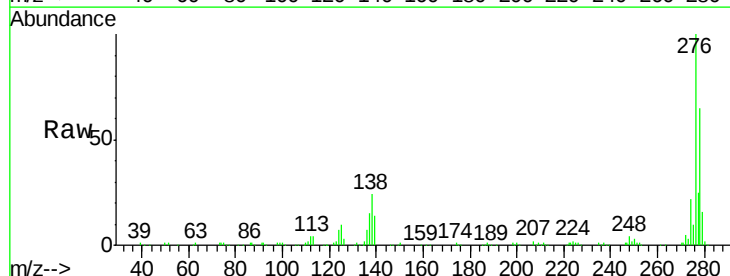
Instrument :
BNA_F
ClientSampleId :
MW01-082815MSD

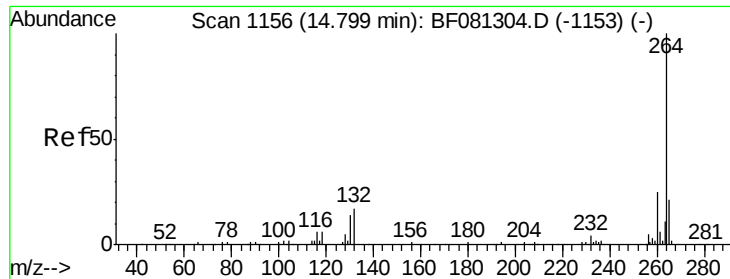
Tot Ion:149 Resp: 517274
Ion Ratio Lower Upper
149 100
167 1.5 1.0 1.6
43 14.0 10.2 15.2



#85
Indeno(1,2,3-cd)pyrene
Concen: 23.87 ng
RT: 15.90 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

Tgt Ion:276 Resp: 280496
Ion Ratio Lower Upper
276 100
138 24.0 25.7 38.5#
277 24.6 15.6 23.4#

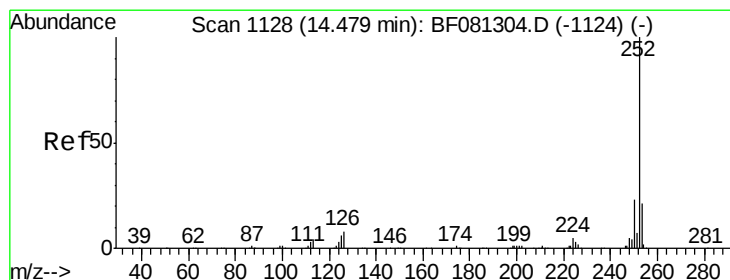
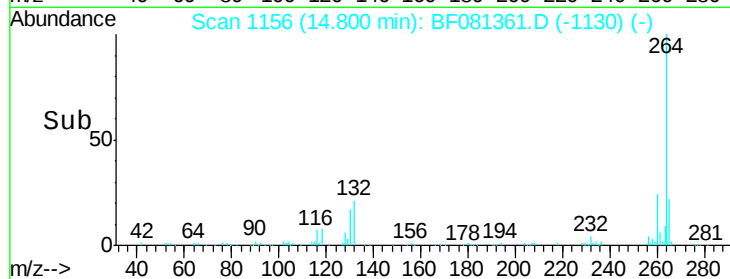
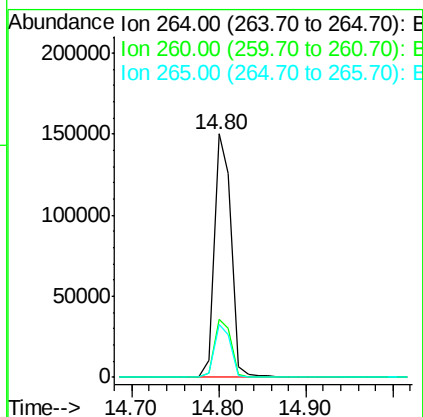
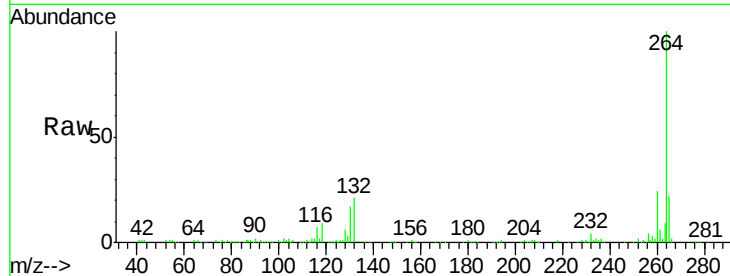




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

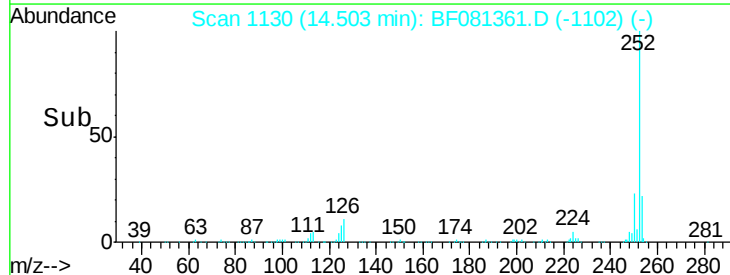
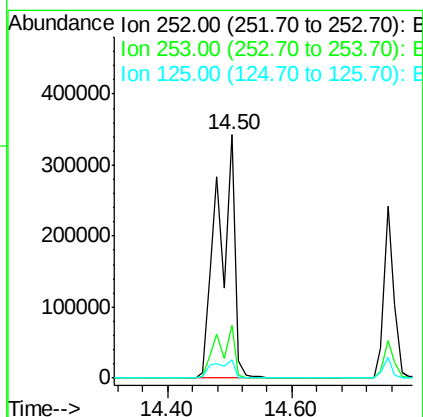
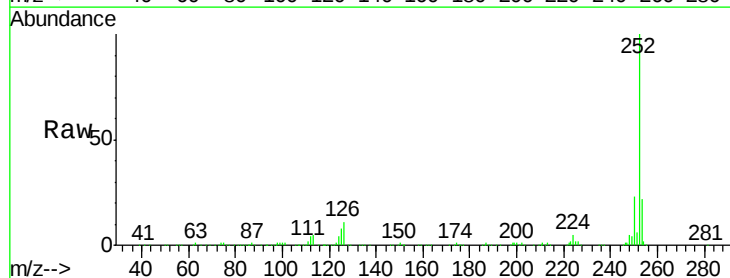
Instrument :
BNA_F
ClientSampleId :
MW01-082815MSD

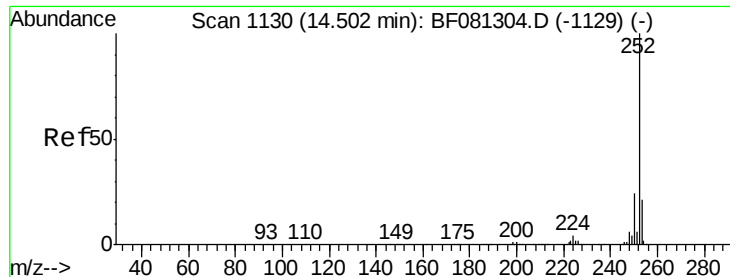
Tot Ion:264 Resp: 205289
Ion Ratio Lower Upper
264 100
260 23.6 16.7 25.1
265 21.8 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 44.70 ng
RT: 14.50 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

Tgt Ion:252 Resp: 655103
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 7.6 17.1 25.7#

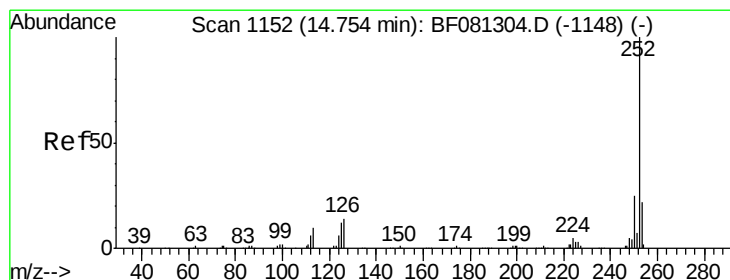
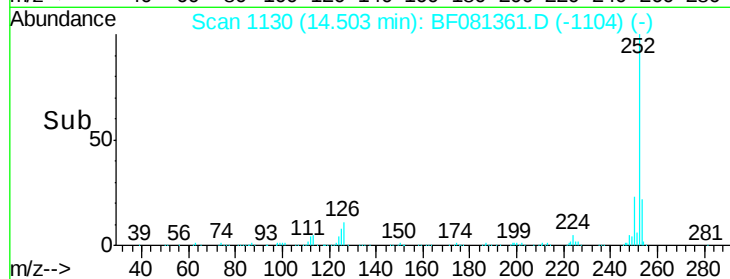
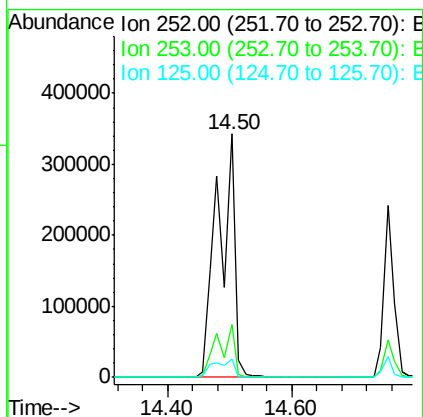
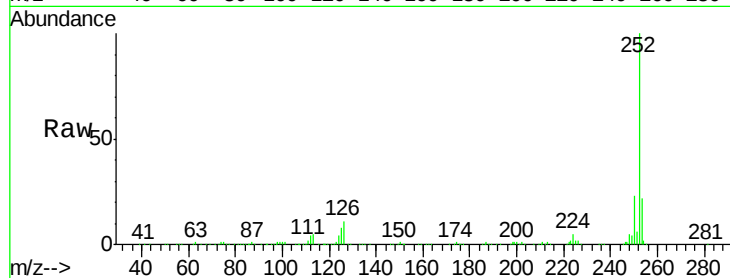




#88
Benzo(k)fluoranthene
Concen: 53.87 ng
RT: 14.50 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

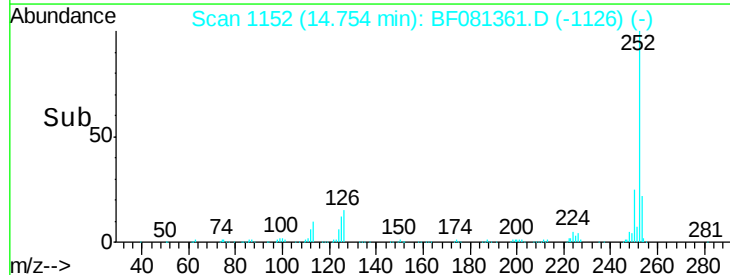
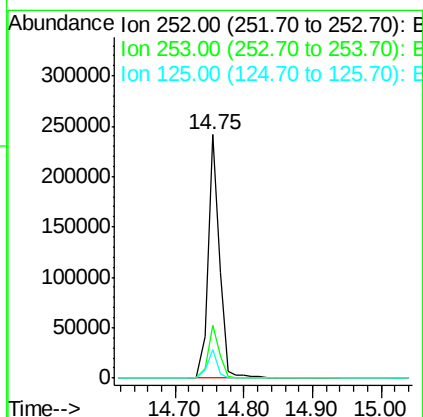
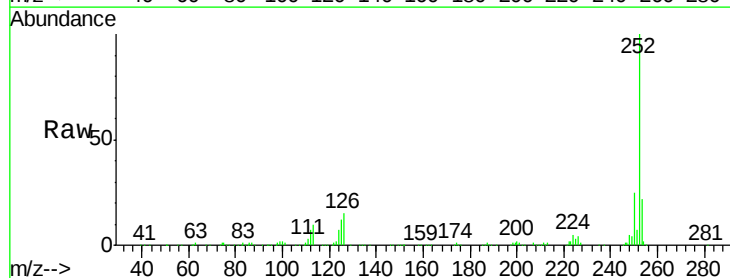
Instrument :
BNA_F
ClientSampleId :
MW01-082815MSD

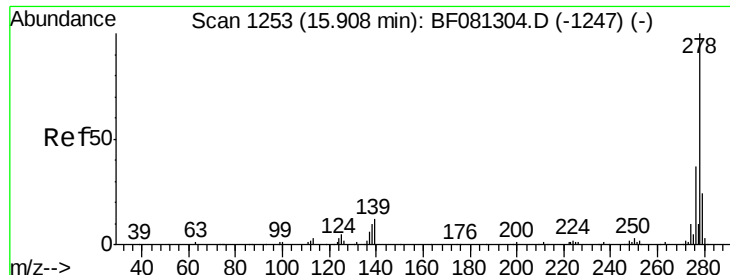
Tot Ion:252 Resp: 655103
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 7.6 16.0 24.0#



#89
Benzo(a)pyrene
Concen: 22.57 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081361.D
Acq: 2 Sep 2015 21:46

Tgt Ion:252 Resp: 280331
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 12.0 18.0 27.0#

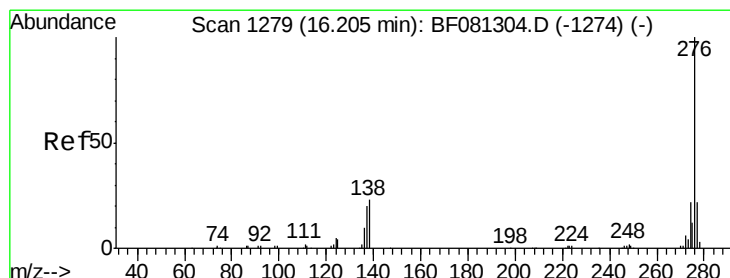
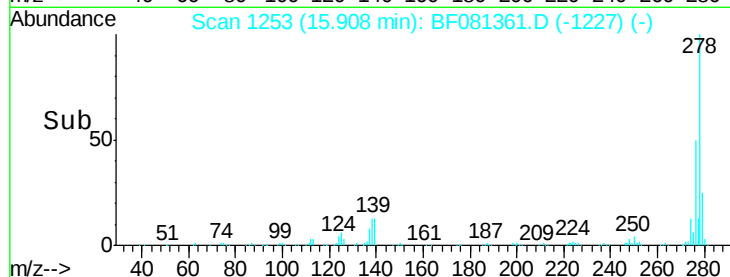
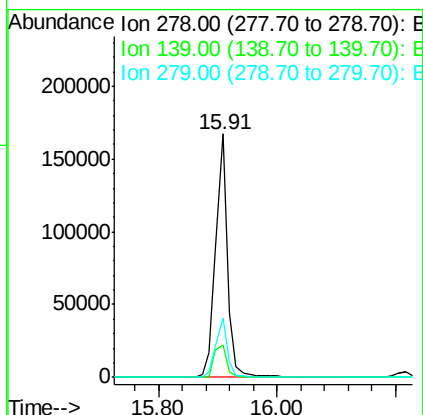
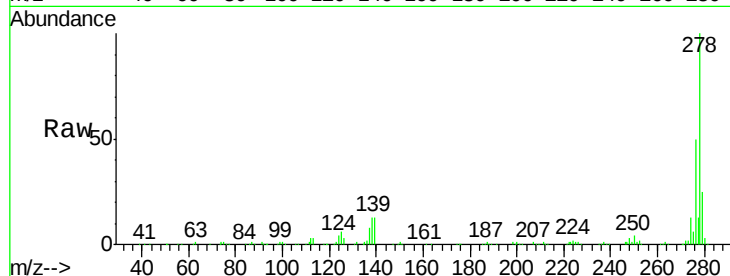




#90
 Dibenzo(a,h)anthracene
 Concen: 24.20 ng
 RT: 15.91 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

Instrument :
 BNA_F
 ClientSampleId :
 MW01-082815MSD

Tot Ion:278 Resp: 232269
 Ion Ratio Lower Upper
 278 100
 139 13.2 26.3 39.5#
 279 24.6 18.2 27.4



#91
 Benzo(g,h,i)perylene
 Concen: 24.88 ng
 RT: 16.22 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BF081361.D
 Acq: 2 Sep 2015 21:46

Tgt Ion:276 Resp: 227866
 Ion Ratio Lower Upper
 276 100
 277 23.4 17.8 26.6
 138 18.7 34.6 51.8#

