

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100715\
 Data File : BF082109.D
 Acq On : 7 Oct 2015 17:31
 Operator : UM/IZ
 Sample : G3888-03MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC093015MS

Quant Time: Oct 08 05:26:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	71648	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	281489	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	145411	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	293031	20.00	ng	0.00
75) Chrysene-d12	14.05	240	256542	20.00	ng	-0.01
86) Perylene-d12	15.50	264	202181	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	541278	137.14	ng	0.02
7) Phenol-d6	6.51	99	646983	130.27	ng	0.01
23) Nitrobenzene-d5	7.44	82	443805	105.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	205728	139.70	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	921615	113.25	ng	-0.01
78) Terphenyl-d14	13.00	244	1002266	174.06	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.63	88	71569	41.70	ng	# 73
3) Pyridine	3.35	79	104273m	23.33	ng	
4) n-Nitrosodimethylamine	3.27	42	76281	37.58	ng	94
6) Aniline	6.55	93	54307	8.14	ng	# 75
8) 2-Chlorophenol	6.66	128	211507	48.53	ng	99
9) Benzaldehyde	6.43	77	8360	2.57	ng	# 83
10) Phenol	6.53	94	231583	41.57	ng	80
11) bis(2-Chloroethyl)ether	6.62	93	225182	52.12	ng	92
12) 1,3-Dichlorobenzene	6.81	146	236136	45.87	ng	# 93
13) 1,4-Dichlorobenzene	6.89	146	250656	46.63	ng	# 95
14) 1,2-Dichlorobenzene	7.04	146	217906m	45.49	ng	
15) Benzyl Alcohol	7.02	79	158127	44.11	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.15	45	289193	47.35	ng	80
17) 2-Methylphenol	7.13	107	170946	48.38	ng	# 85
18) Hexachloroethane	7.38	117	81744	48.57	ng	# 84
19) n-Nitroso-di-n-propylamine	7.29	70	148331	49.14	ng	# 76
20) 3+4-Methylphenols	7.29	107	202408	45.35	ng	# 50
22) Acetophenone	7.29	105	294811	51.22	ng	# 82
24) Nitrobenzene	7.46	77	228500	49.83	ng	# 71
25) Isophorone	7.70	82	417404	49.87	ng	# 93
26) 2-Nitrophenol	7.78	139	121134	55.04	ng	# 84
27) 2,4-Dimethylphenol	7.82	122	198753	51.33	ng	# 83
28) bis(2-Chloroethoxy)methane	7.91	93	234666	47.21	ng	# 93
29) 2,4-Dichlorophenol	8.02	162	200516	53.41	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	207553	49.52	ng	99
31) Naphthalene	8.18	128	628638	50.40	ng	97
32) Benzoic acid	7.93	122	109001	47.20	ng	# 70
33) 4-Chloroaniline	8.24	127	22176	4.11	ng	# 93
34) Hexachlorobutadiene	8.30	225	124734	50.32	ng	99
35) Caprolactam	8.61	113	49097m	47.24	ng	
36) 4-Chloro-3-methylphenol	8.72	107	197581	53.82	ng	# 84
37) 2-Methylnaphthalene	8.88	142	438245	51.47	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	212055	47.50	ng	99
40) Hexachlorocyclopentadiene	9.03	237	198537	86.36	ng	97

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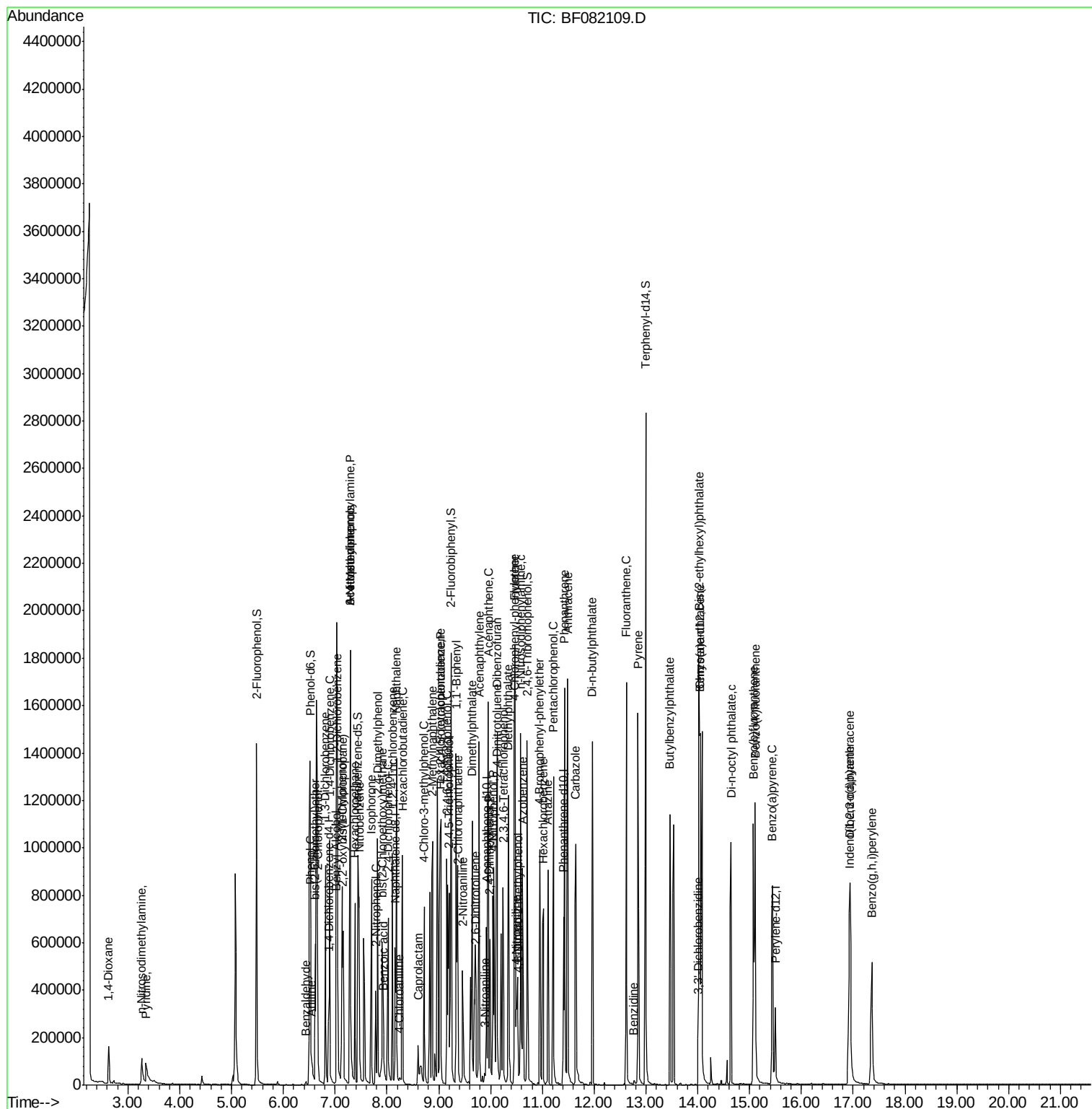
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	144895	47.34	ng	100
43) 2,4,5-Trichlorophenol	9.20	196	157318	49.99	ng	96
45) 1,1'-Biphenyl	9.34	154	522272	46.56	ng	95
46) 2-Chloronaphthalene	9.37	162	420273	47.71	ng	97
47) 2-Nitroaniline	9.46	65	121180	46.86	ng	# 72
48) Acenaphthylene	9.78	152	693244	49.17	ng	96
49) Dimethylphthalate	9.65	163	522524	52.06	ng	# 98
50) 2,6-Dinitrotoluene	9.71	165	112194	51.49	ng	# 89
51) Acenaphthene	9.95	154	416321	49.73	ng	89
52) 3-Nitroaniline	9.89	138	19651	7.79	ng	# 77
53) 2,4-Dinitrophenol	9.99	184	120242	97.88	ng	# 78
54) Dibenzofuran	10.13	168	616610	52.12	ng	# 90
55) 4-Nitrophenol	10.05	139	164480	90.29	ng	# 59
56) 2,4-Dinitrotoluene	10.11	165	160604	57.81	ng	# 85
57) Fluorene	10.47	166	484482	57.86	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.24	232	137293	54.99	ng	93
59) Diethylphthalate	10.34	149	478254	51.01	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	212232	49.00	ng	# 84
61) 4-Nitroaniline	10.50	138	106213	42.02	ng	# 64
62) Azobenzene	10.62	77	460041	50.28	ng	89
64) 4,6-Dinitro-2-methylphenol	10.53	198	76450	55.46	ng	# 58
65) n-Nitrosodiphenylamine	10.58	169	411033	46.36	ng	91
66) 4-Bromophenyl-phenylether	10.95	248	146233	49.49	ng	96
67) Hexachlorobenzene	11.02	284	157879	47.35	ng	# 77
68) Atrazine	11.11	200	113481	41.25	ng	84
69) Pentachlorophenol	11.21	266	183287	96.47	ng	99
70) Phenanthrene	11.43	178	713846	50.84	ng	96
71) Anthracene	11.49	178	816241	54.80	ng	97
72) Carbazole	11.65	167	701683	52.05	ng	97
73) Di-n-butylphthalate	11.97	149	733807	53.71	ng	# 98
74) Fluoranthene	12.62	202	769504	49.02	ng	91
76) Benzidine	12.77	184	17782	2.30	ng	97
77) Pyrene	12.85	202	814950	53.17	ng	96
79) Butylbenzylphthalate	13.46	149	322751	55.97	ng	# 82
80) Benzo(a)anthracene	14.04	228	722581	52.31	ng	95
81) 3,3'-Dichlorobenzidine	14.00	252	66979	14.36	ng	# 95
82) Chrysene	14.08	228	760018	Below	Cal	94
83) Bis(2-ethylhexyl)phthalate	14.02	149	443296	61.28	ng	# 93
84) Di-n-octyl phthalate	14.64	149	683528	58.06	ng	# 90
85) Indeno(1,2,3-cd)pyrene	16.93	276	579525	53.63	ng	# 87
87) Benzo(b)fluoranthene	15.08	252	566684m	49.09	ng	
88) Benzo(k)fluoranthene	15.11	252	639680m	60.46	ng	
89) Benzo(a)pyrene	15.44	252	567443	56.67	ng	# 84
90) Dibenzo(a,h)anthracene	16.94	278	479077	57.03	ng	# 82
91) Benzo(g,h,i)perylene	17.36	276	484373	56.26	ng	# 76

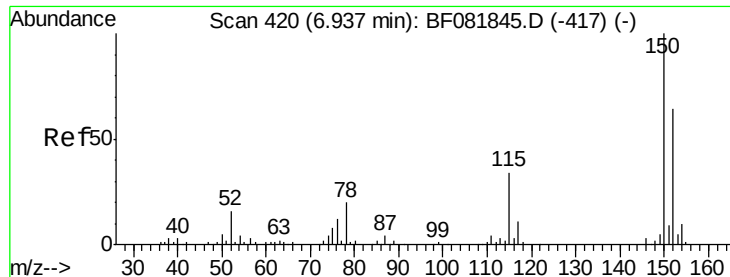
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

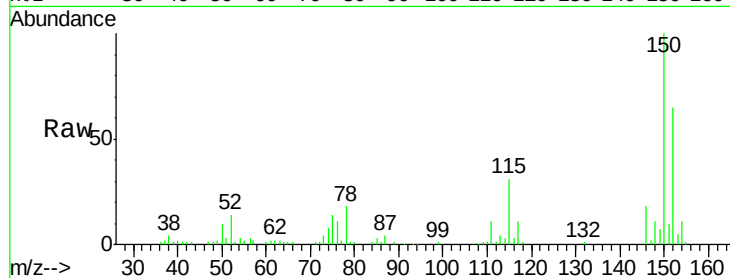
Tgt Ion:152 Resp: 71648

Ion Ratio Lower Upper

152 100

150 153.7 124.7 187.1

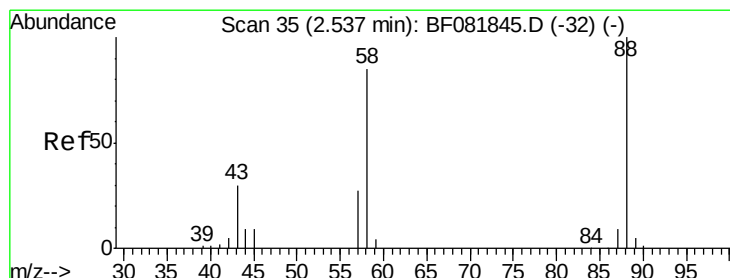
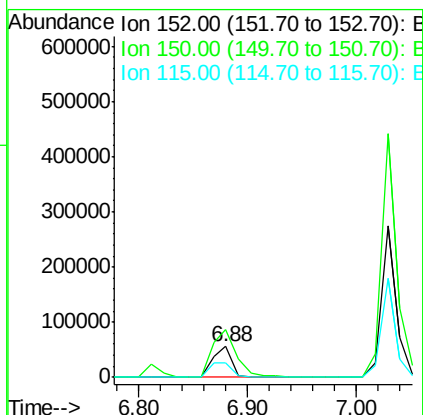
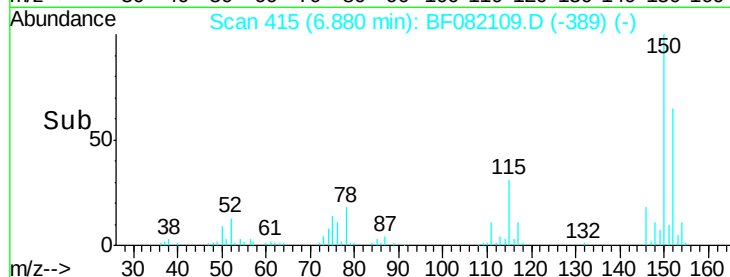
115 47.8 39.0 58.4



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: 41.70 ng

RT: 2.63 min Scan# 43

Delta R.T. 0.18 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

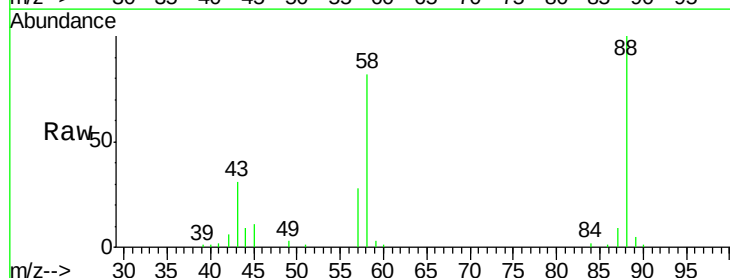
Tgt Ion: 88 Resp: 71569

Ion Ratio Lower Upper

88 100

58 80.9 77.7 116.5

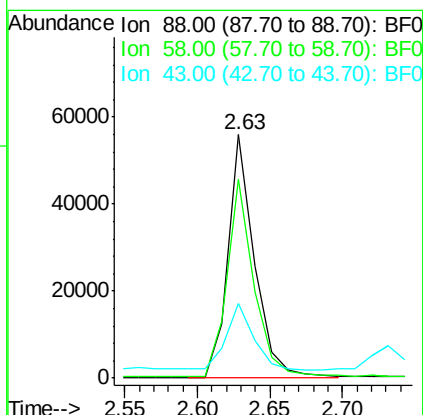
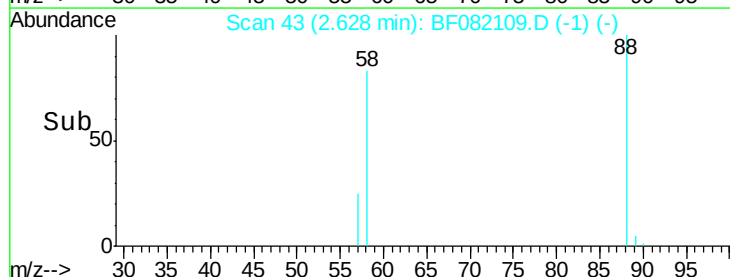
43 0.0 26.6 40.0#

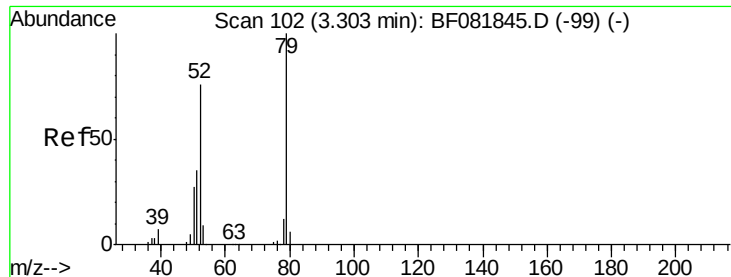


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 23.33 ng m

RT: 3.35 min Scan# 106

Delta R.T. 0.17 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

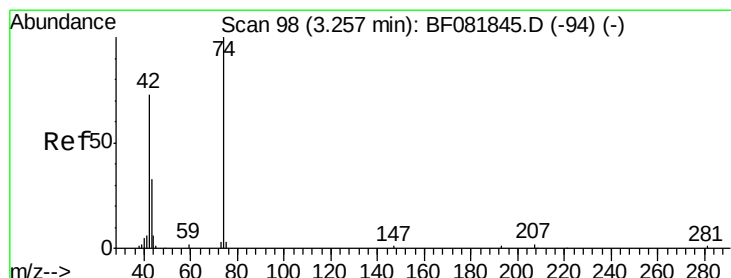
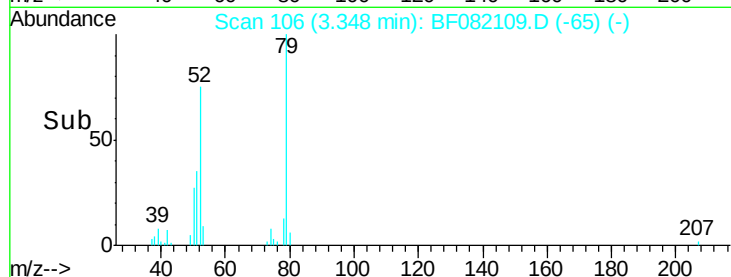
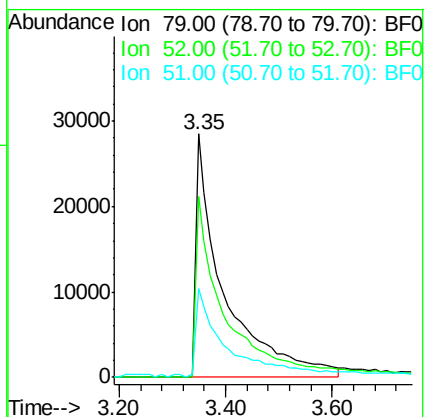
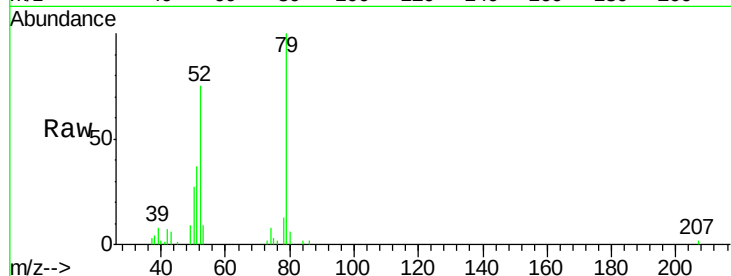
Tgt Ion: 79 Resp: 104273

Ion Ratio Lower Upper

79 100

52 74.5 76.8 115.2#

51 36.7 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 37.58 ng

RT: 3.27 min Scan# 99

Delta R.T. 0.13 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

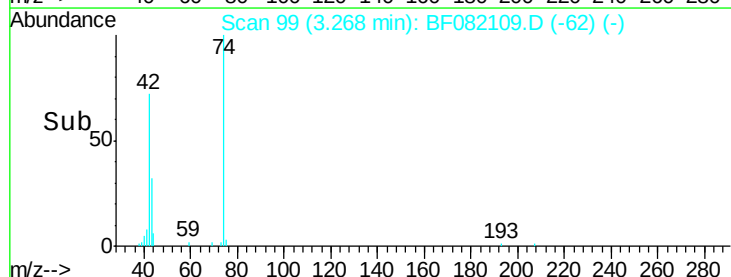
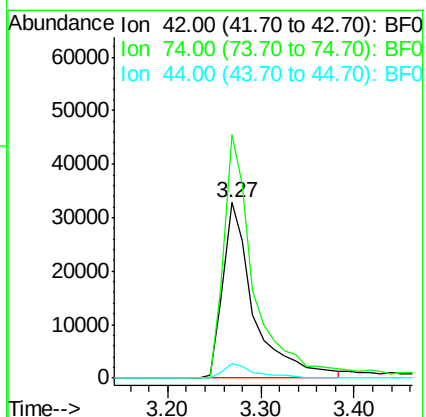
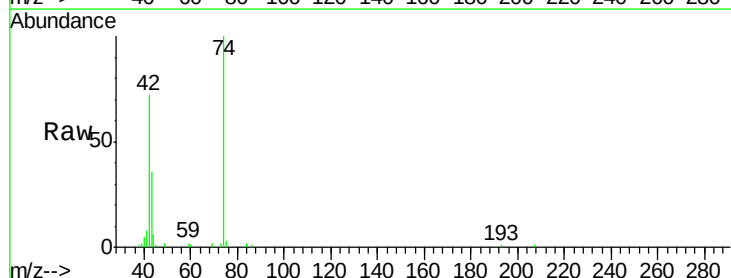
Tgt Ion: 42 Resp: 76281

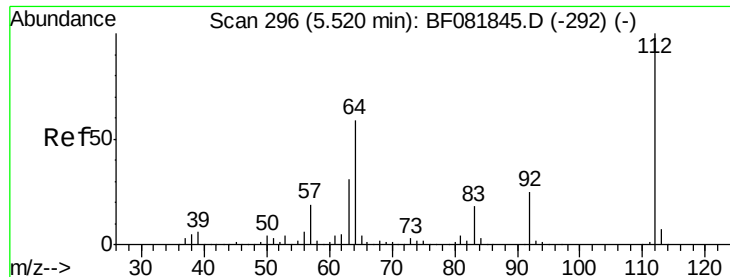
Ion Ratio Lower Upper

42 100

74 139.0 105.0 157.6

44 8.3 6.6 10.0





#5

2-Fluorophenol

Concen: 137.14 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.02 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

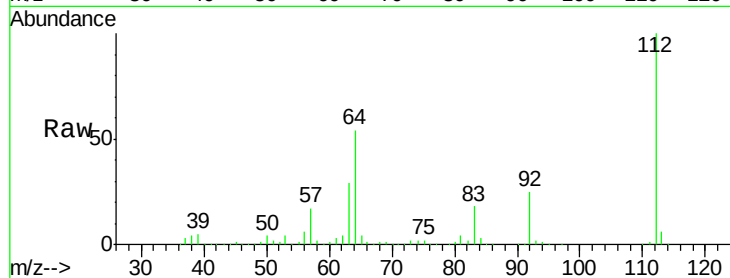
Instrument :

BNA_F

ClientSampleId :

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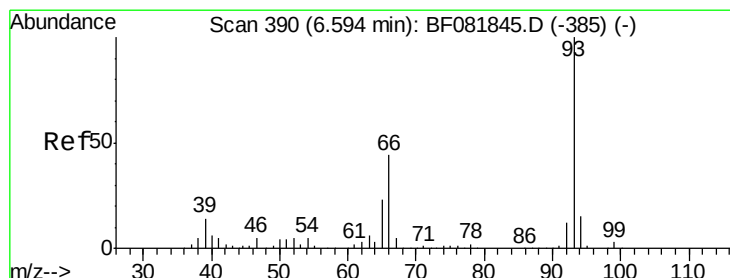
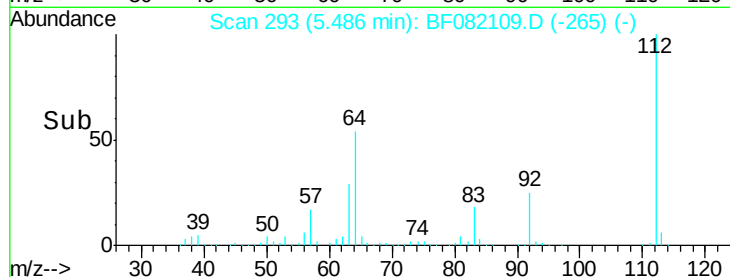
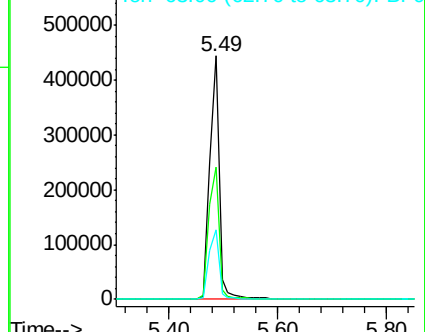
Tgt Ion:	112	Resp:	541278
Ion	Ratio	Lower	Upper
112	100		
64	54.4	39.7	59.5
63	28.5	17.4	26.0#



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: 8.14 ng

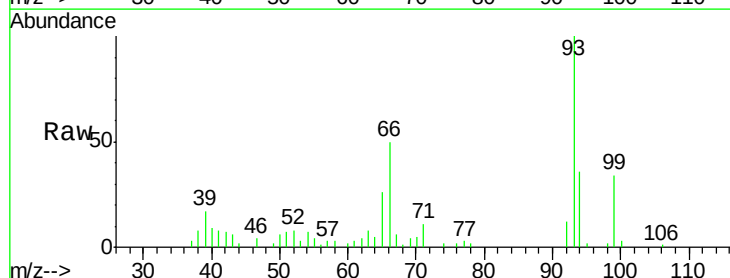
RT: 6.55 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

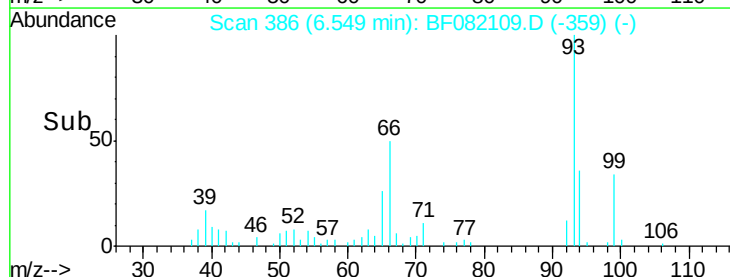
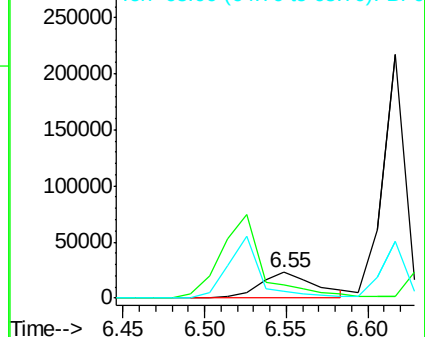
Tgt Ion:	93	Resp:	54307
Ion	Ratio	Lower	Upper
93	100		
66	50.2	27.2	40.8#
65	26.4	14.7	22.1#

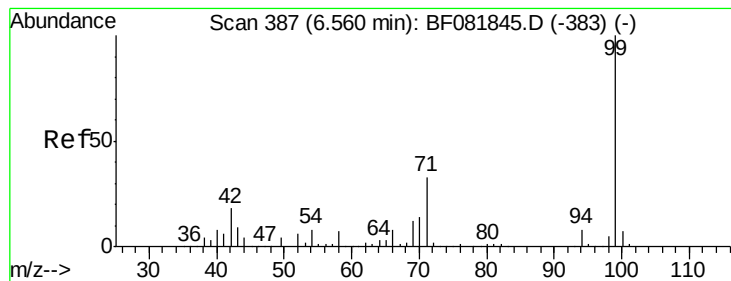


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.27 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

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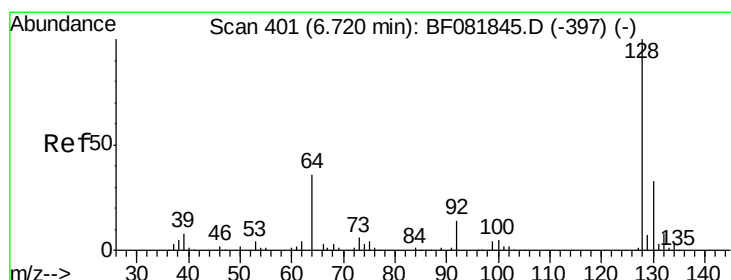
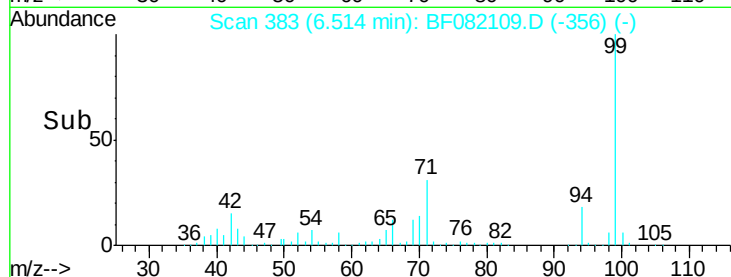
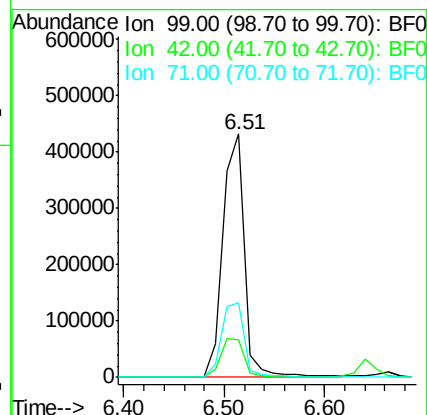
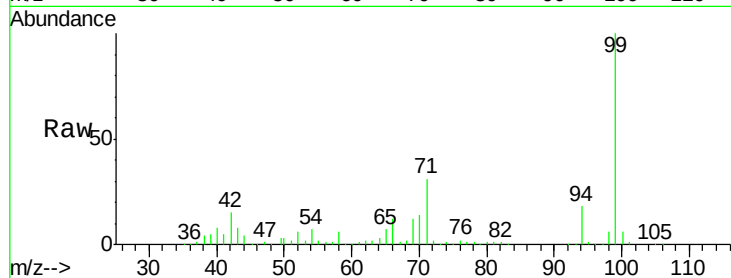
Tgt Ion: 99 Resp: 646983

Ion Ratio Lower Upper

99 100

42 15.4 13.7 20.5

71 30.9 14.2 21.2#



#8

2-Chlorophenol

Concen: 48.53 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

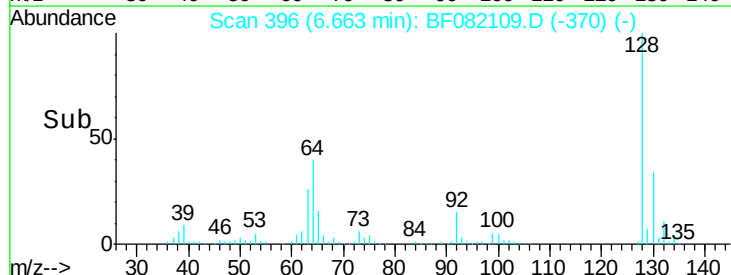
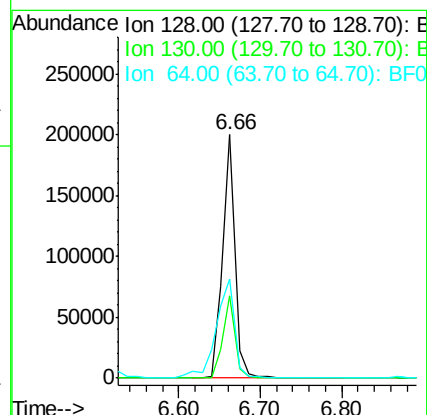
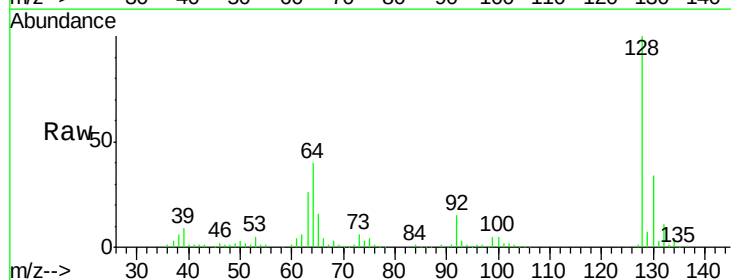
Tgt Ion: 128 Resp: 211507

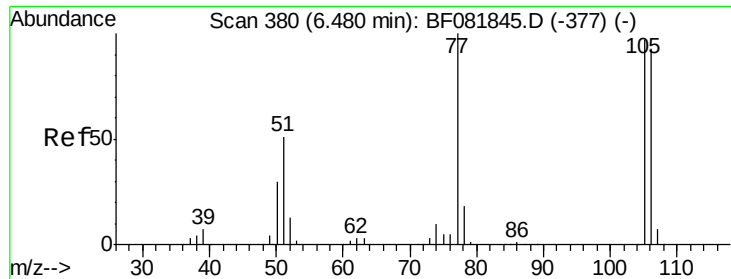
Ion Ratio Lower Upper

128 100

130 33.6 12.2 52.2

64 40.5 20.5 60.5





#9

Benzaldehyde

Concen: 2.57 ng

RT: 6.43 min Scan# 376

Delta R.T. 0.01 min

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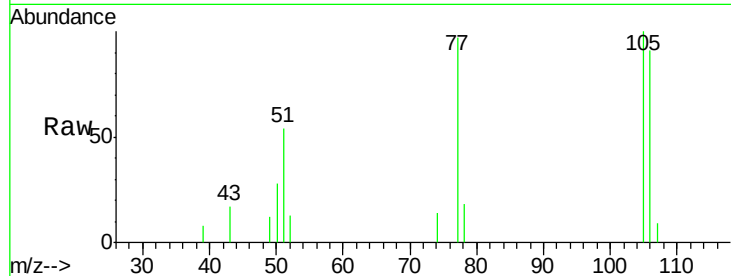
Tgt Ion: 77 Resp: 8360

Ion Ratio Lower Upper

77 100

105 103.5 91.6 131.6

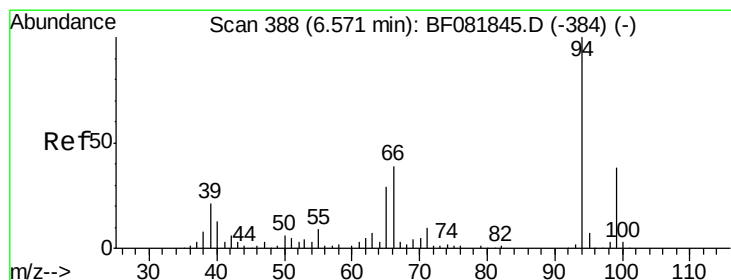
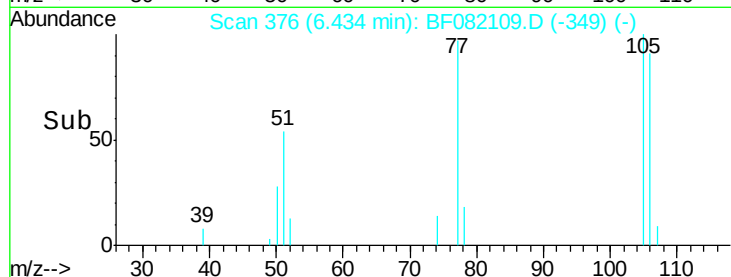
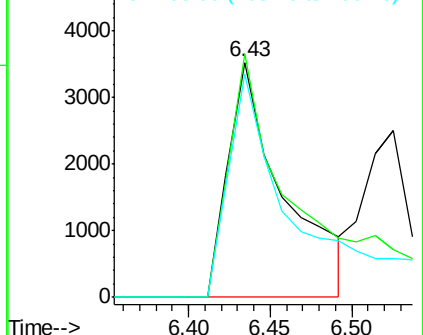
106 94.6 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.57 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

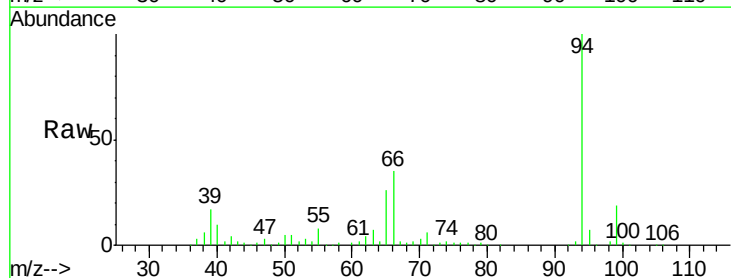
Tgt Ion: 94 Resp: 231583

Ion Ratio Lower Upper

94 100

65 25.5 0.7 40.7

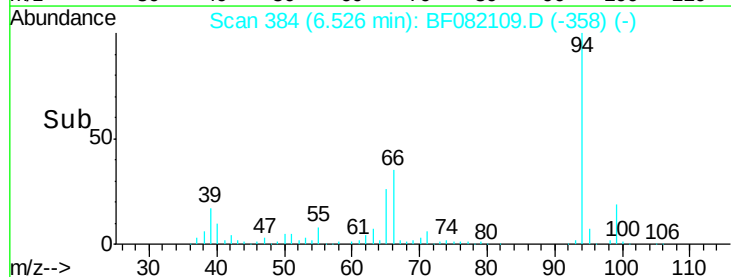
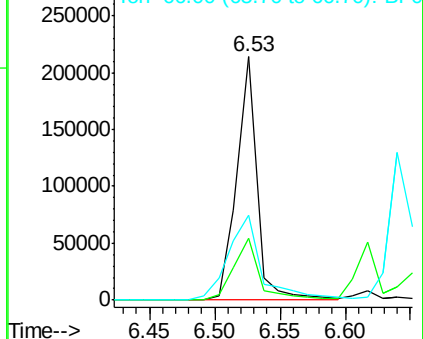
66 34.9 0.8 40.8

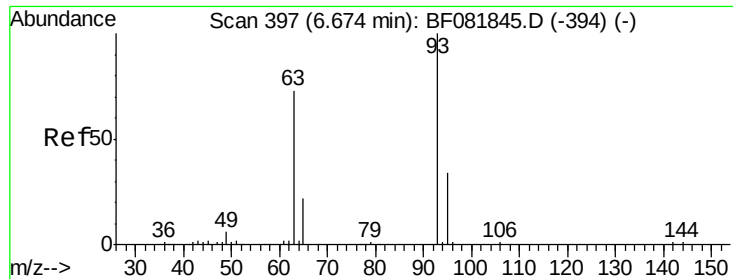


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 52.12 ng

RT: 6.62 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

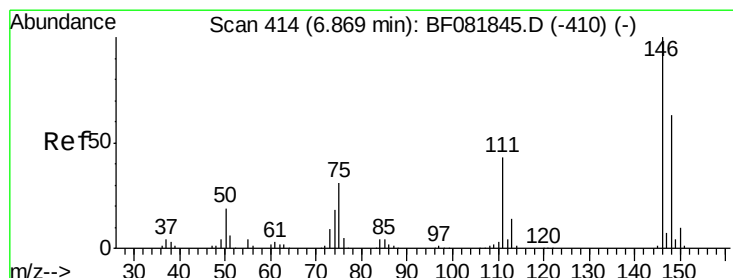
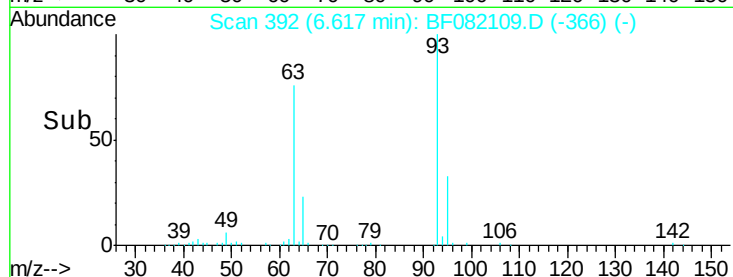
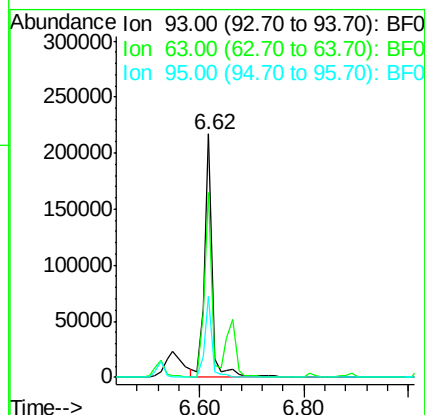
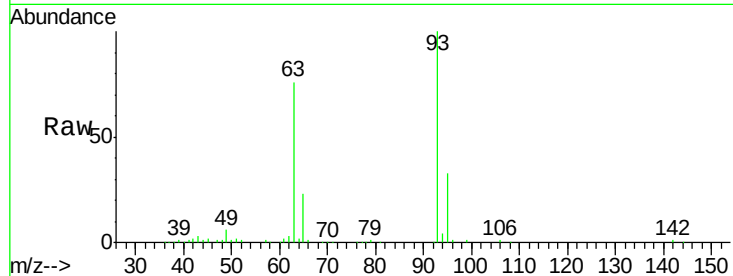
Tgt Ion: 93 Resp: 225182

Ion Ratio Lower Upper

93 100

63 76.0 65.6 105.6

95 33.3 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 45.87 ng

RT: 6.81 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

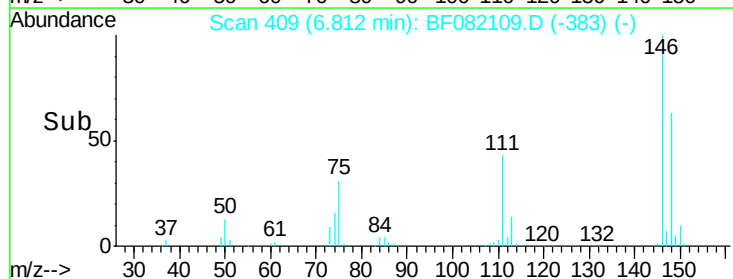
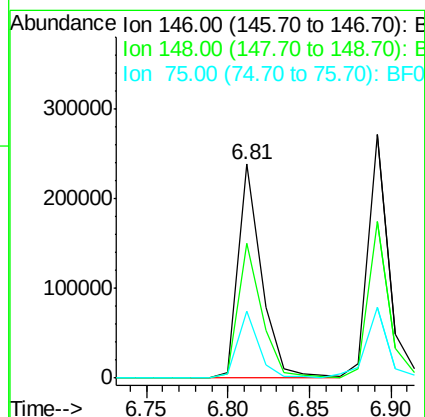
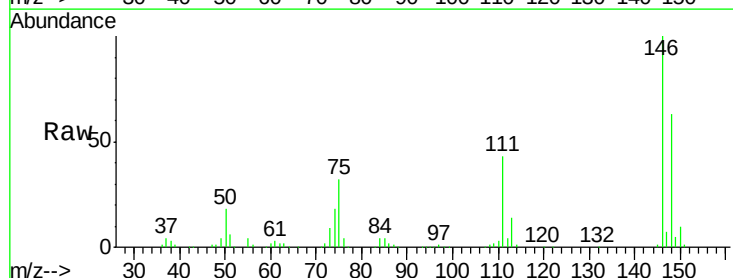
Tgt Ion: 146 Resp: 236136

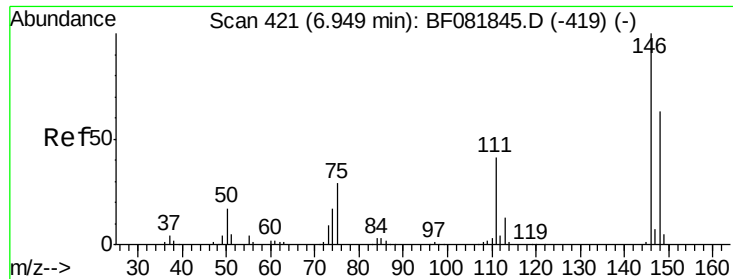
Ion Ratio Lower Upper

146 100

148 63.0 51.0 76.4

75 31.5 15.0 22.6#

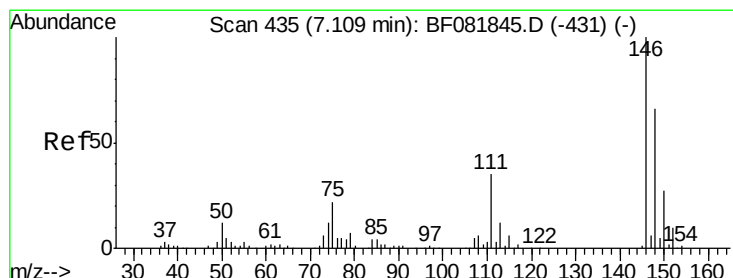
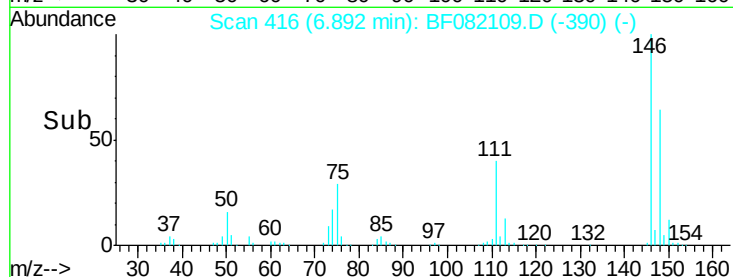
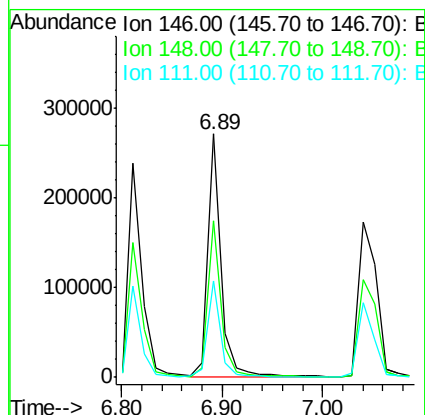
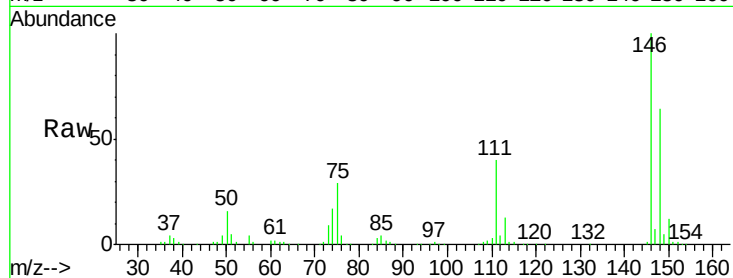




#13
 1,4-Dichlorobenzene
 Concen: 46.63 ng
 RT: 6.89 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

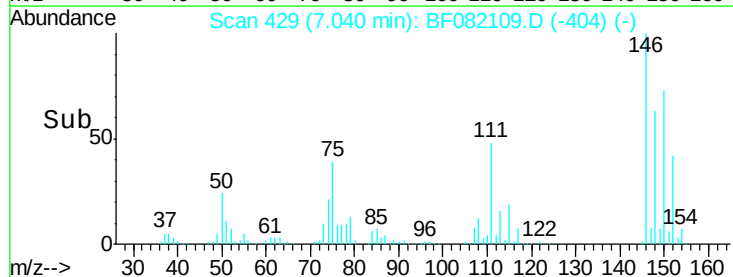
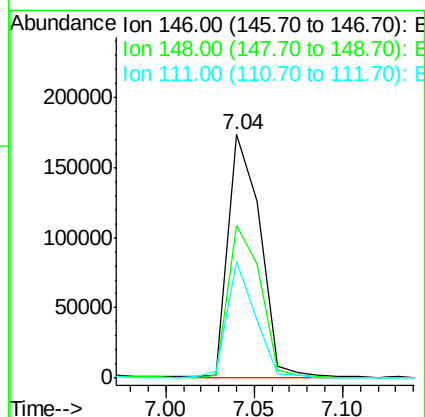
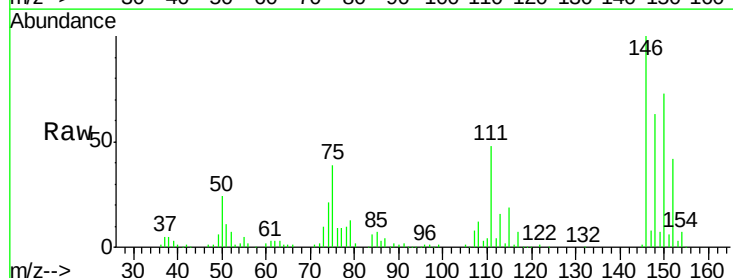
Instrument :
 BNA_F
 ClientSampleId :
 WC093015MS

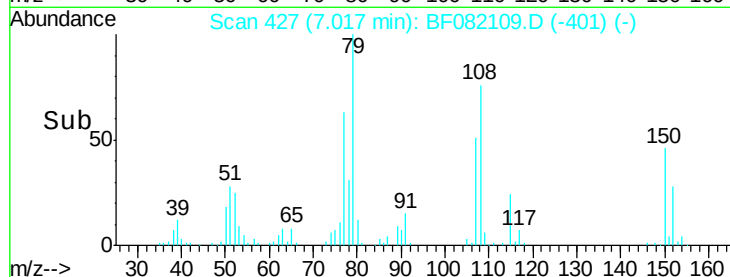
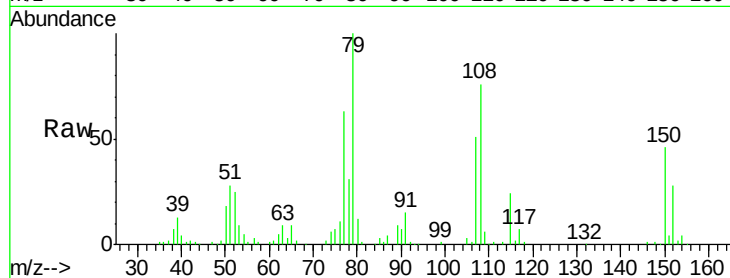
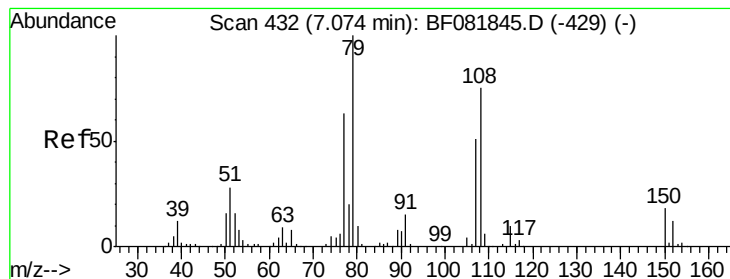
Tgt Ion:146 Resp: 250656
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.8 77.6
 111 39.6 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 45.49 ng m
 RT: 7.04 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

Tgt Ion:146 Resp: 217906
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.7 79.1
 111 48.2 28.8 43.2#





#15

Benzyl Alcohol

Concen: 44.11 ng

RT: 7.02 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

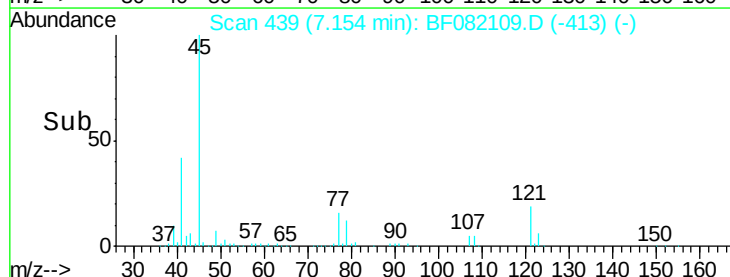
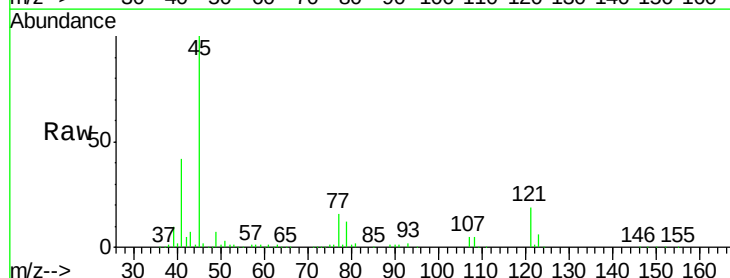
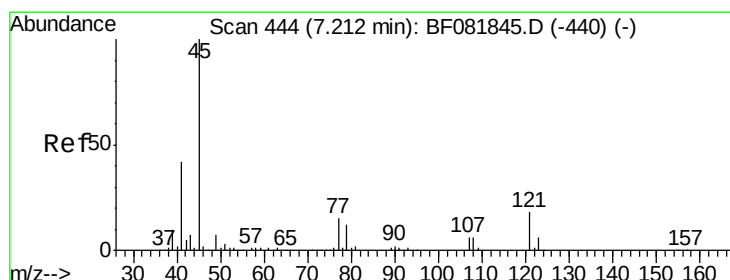
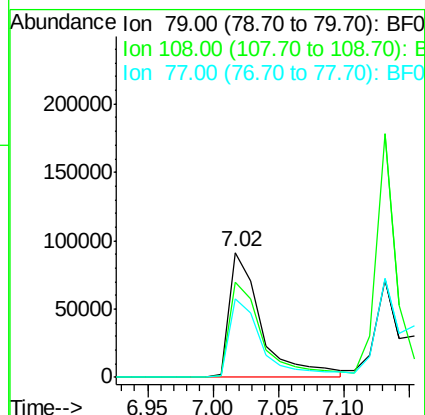
Tgt Ion: 79 Resp: 158127

Ion Ratio Lower Upper

79 100

108 76.0 88.6 132.8#

77 63.5 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.35 ng

RT: 7.15 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

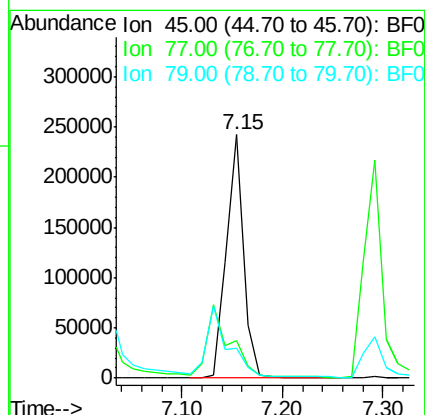
Tgt Ion: 45 Resp: 289193

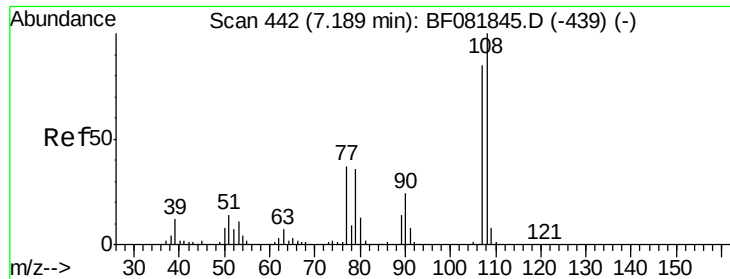
Ion Ratio Lower Upper

45 100

77 15.6 0.0 28.1

79 12.5 0.0 26.0





#17

2-Methylphenol

Concen: 48.38 ng

RT: 7.13 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

Tgt Ion:107 Resp: 170946

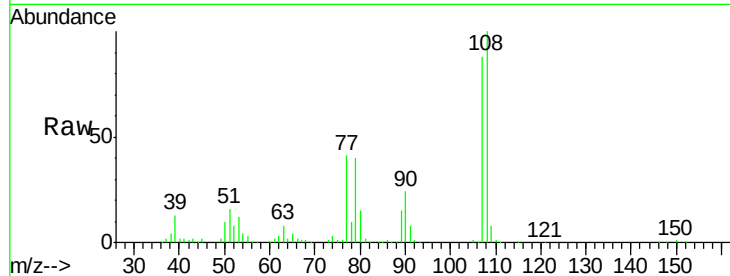
Ion Ratio Lower Upper

107 100

108 114.1 96.6 145.0

77 46.6 23.3 34.9#

79 45.9 22.0 33.0#

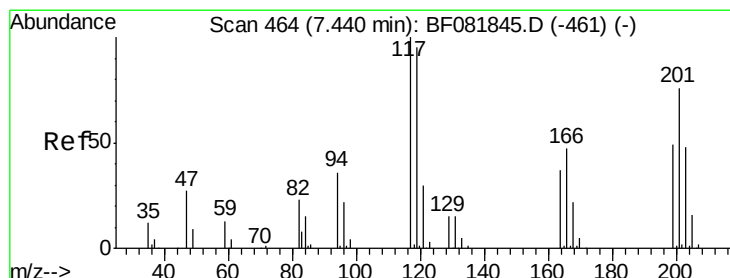
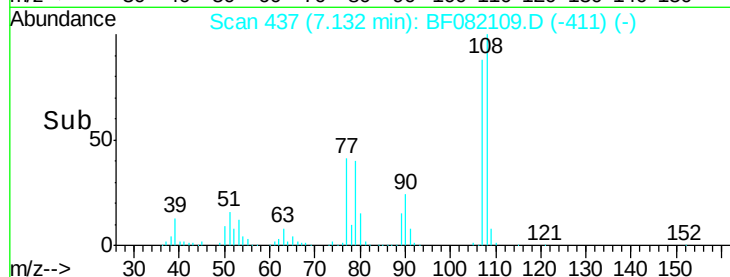
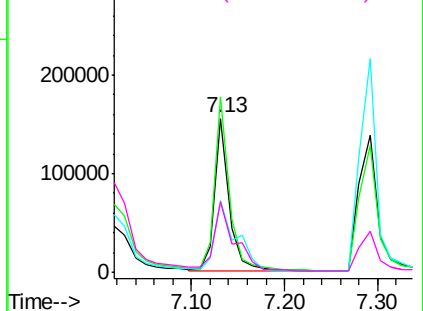


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 48.57 ng

RT: 7.38 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

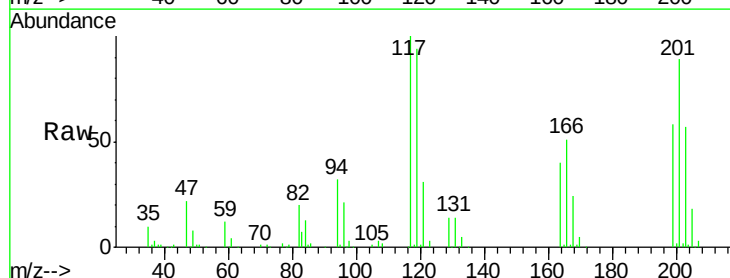
Tgt Ion:117 Resp: 81744

Ion Ratio Lower Upper

117 100

119 94.4 83.8 125.6

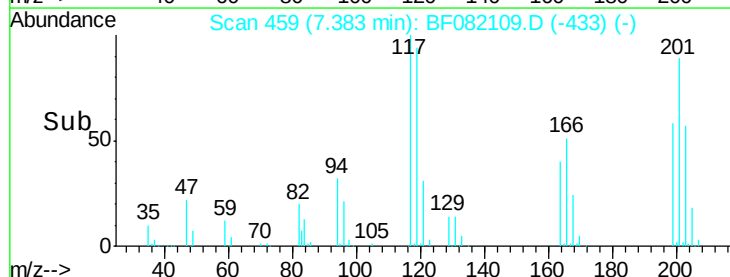
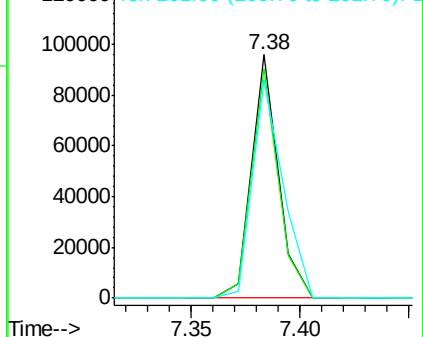
201 89.5 55.1 82.7#

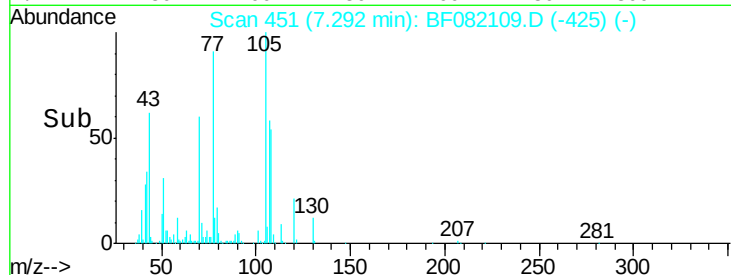
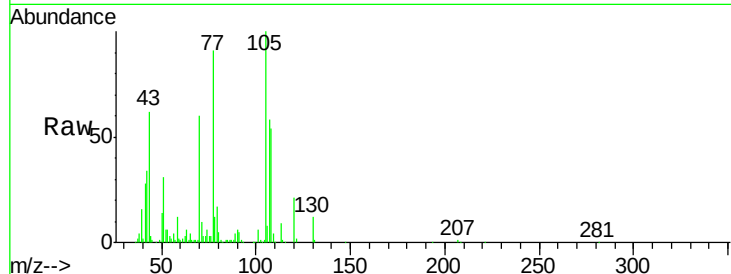
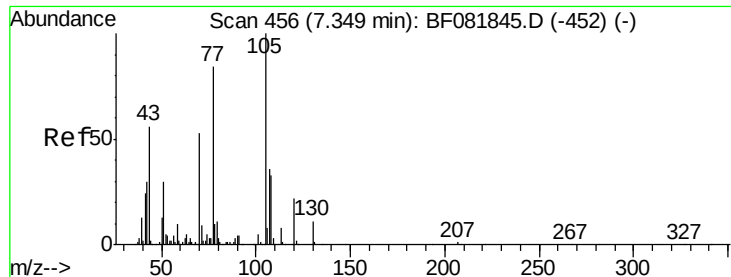


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

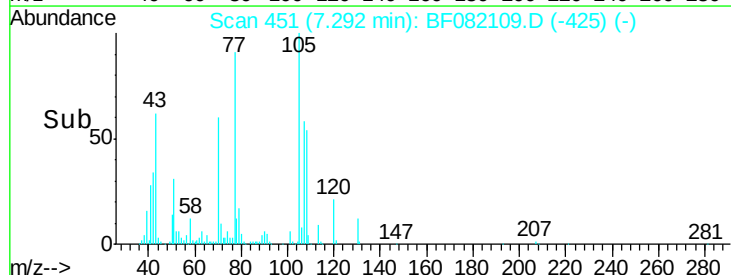
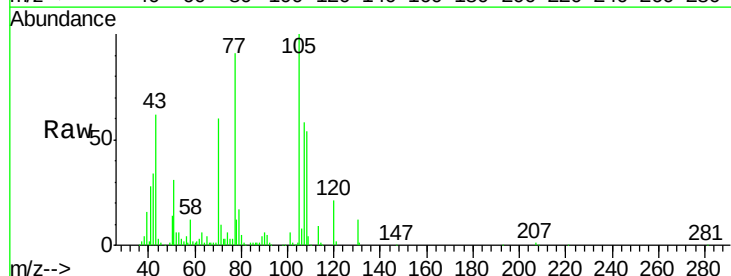
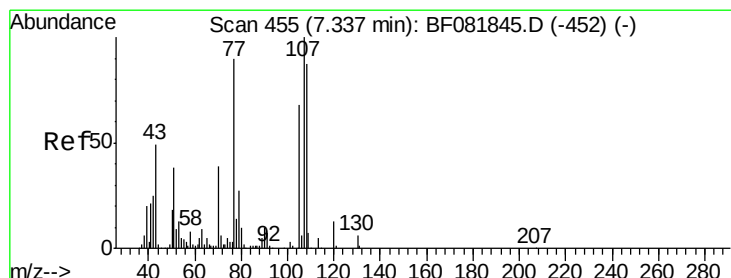
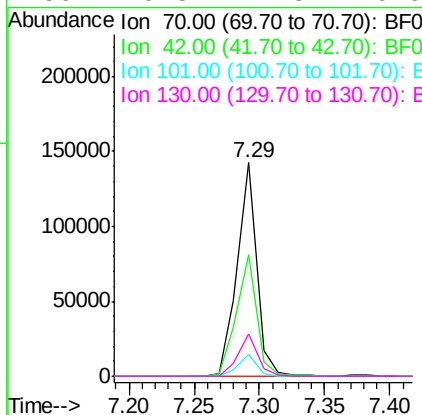




#19
n-Nitroso-di-n-propylamine
Concen: 49.14 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF082109.D
Acq: 7 Oct 2015 17:31

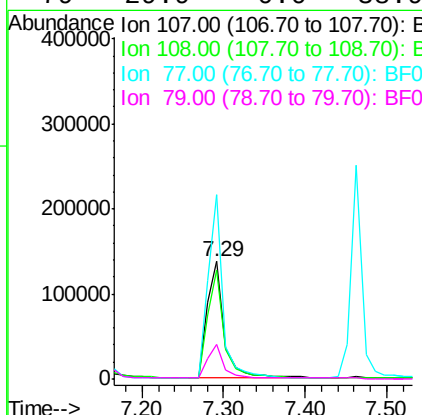
Instrument :
BNA_F
ClientSampleId :
WC093015MS

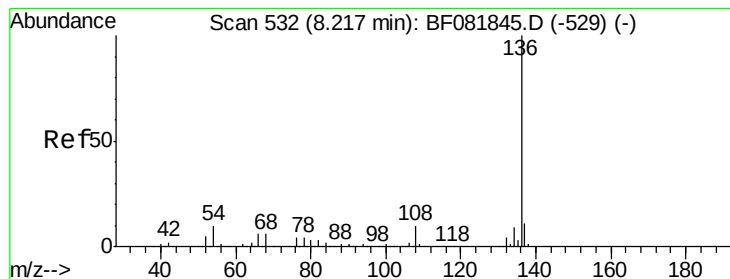
Tgt Ion:	70	Resp:	148331
Ion	Ratio	Lower	Upper
70	100		
42	57.1	63.8	95.6#
101	10.0	9.2	13.8
130	19.5	27.3	40.9#



#20
3+4-Methylphenols
Concen: 45.35 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF082109.D
Acq: 7 Oct 2015 17:31

Tgt Ion:	107	Resp:	202408
Ion	Ratio	Lower	Upper
107	100		
108	92.5	74.6	114.6
77	156.6	0.7	40.7#
79	29.9	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

Tgt Ion:136 Resp: 281489

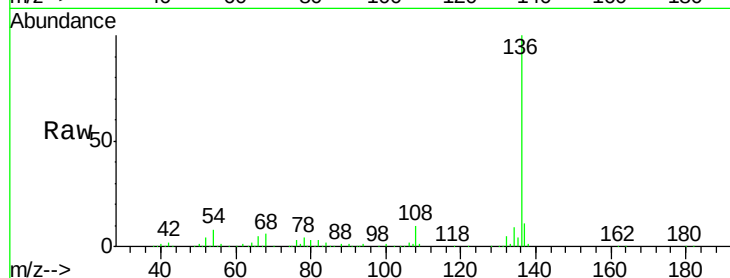
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 8.2 8.2 12.2

68 5.6 5.8 8.6#

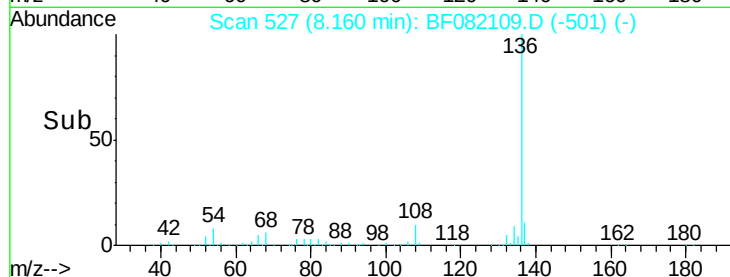


Abundance Ion 136.00 (135.70 to 136.70): E

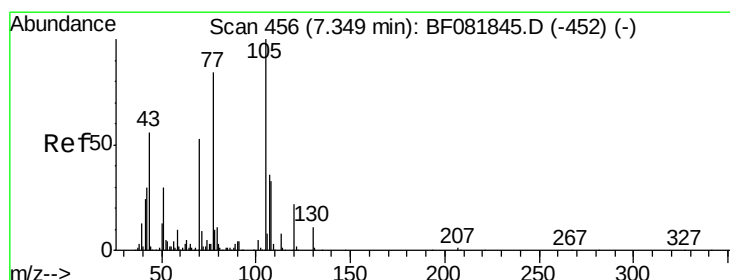
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 51.22 ng

RT: 7.29 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Tgt Ion:105 Resp: 294811

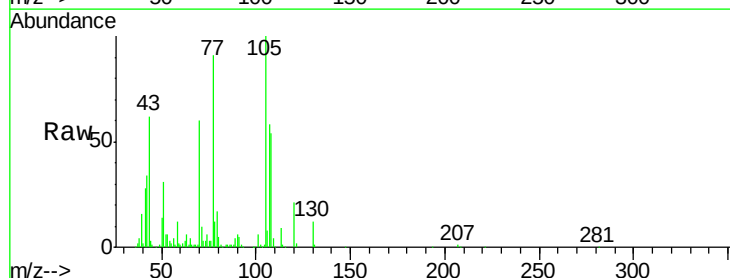
Ion Ratio Lower Upper

105 100

71 9.8 4.7 7.1#

51 31.4 22.0 33.0

120 21.5 30.1 45.1#

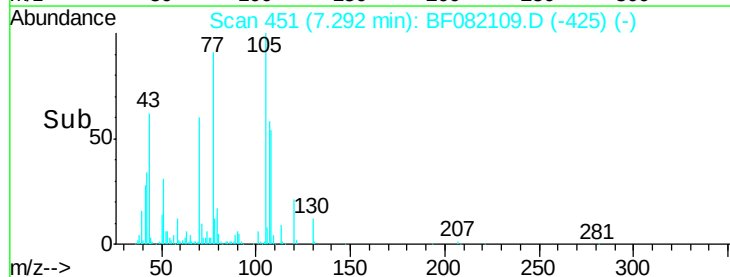


Abundance Ion 105.00 (104.70 to 105.70): E

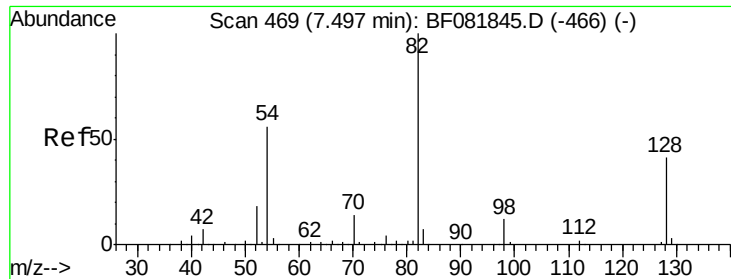
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



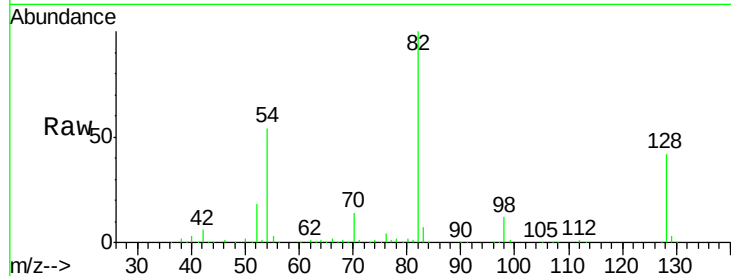
Time-->



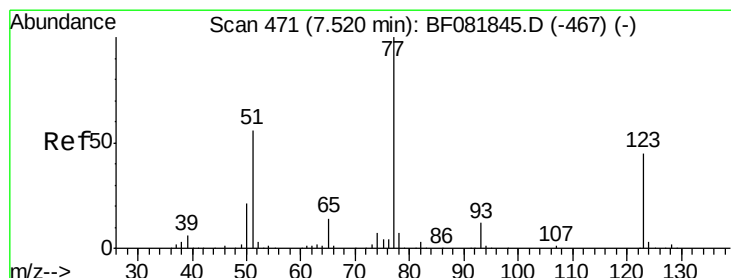
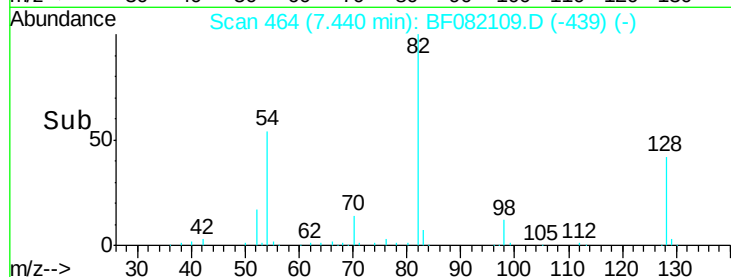
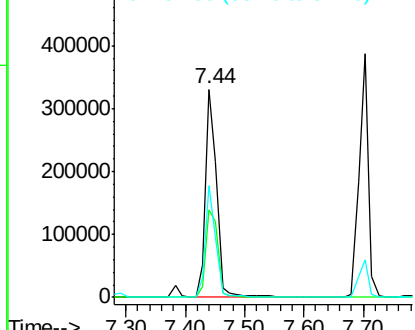
#23
 Nitrobenzene-d5
 Concen: 105.10 ng
 RT: 7.44 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

Instrument :
 BNA_F
 ClientSampleId :
 WC093015MS

Tgt Ion: 82 Resp: 443805
 Ion Ratio Lower Upper
 82 100
 128 42.1 51.0 76.6#
 54 53.8 47.5 71.3

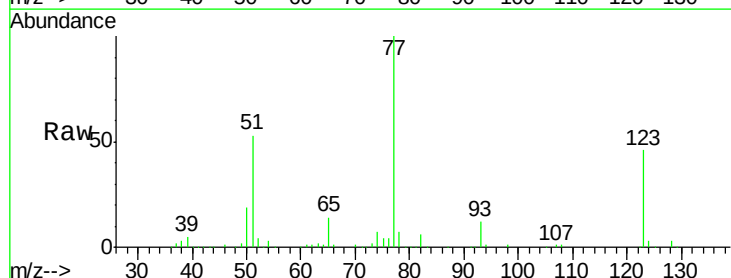


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

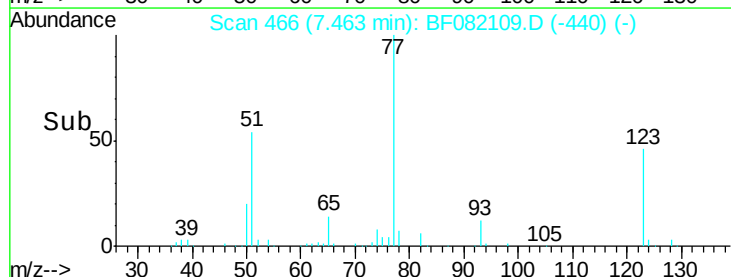
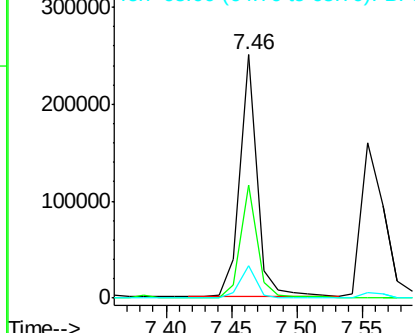


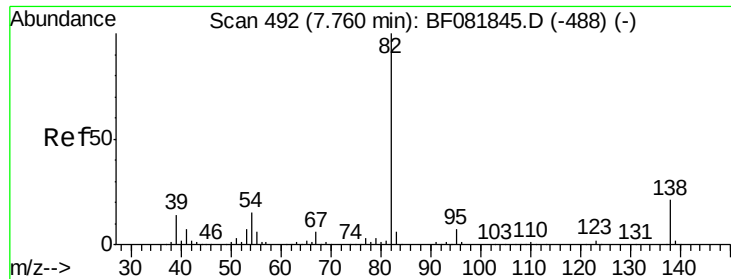
#24
 Nitrobenzene
 Concen: 49.83 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

Tgt Ion: 77 Resp: 228500
 Ion Ratio Lower Upper
 77 100
 123 46.4 59.8 89.8#
 65 13.6 10.2 15.4



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





#25

Isophorone

Concen: 49.87 ng

RT: 7.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

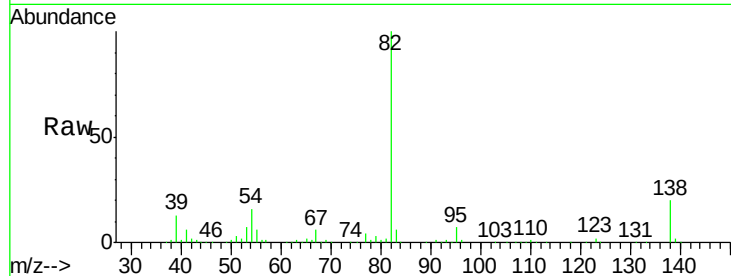
Tgt Ion: 82 Resp: 417404

Ion Ratio Lower Upper

82 100

95 7.2 4.0 6.0#

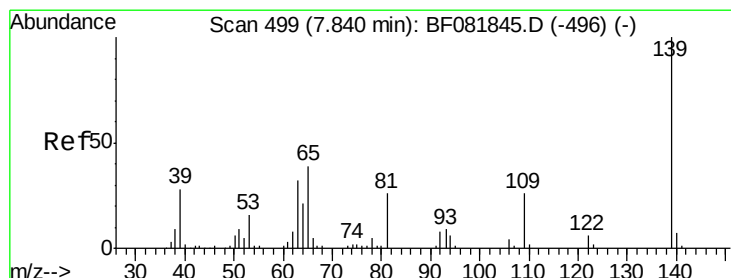
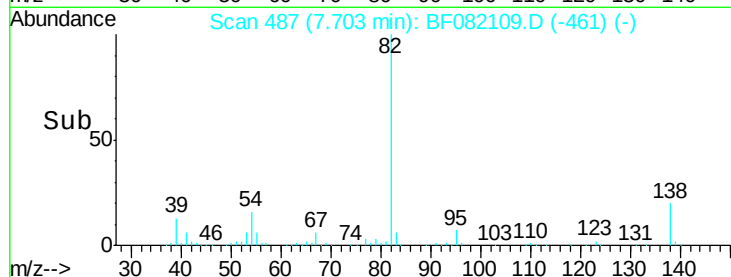
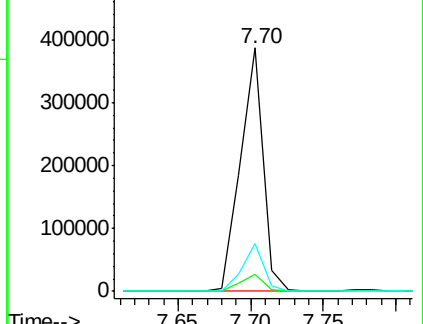
138 19.7 18.3 27.5



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: 55.04 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

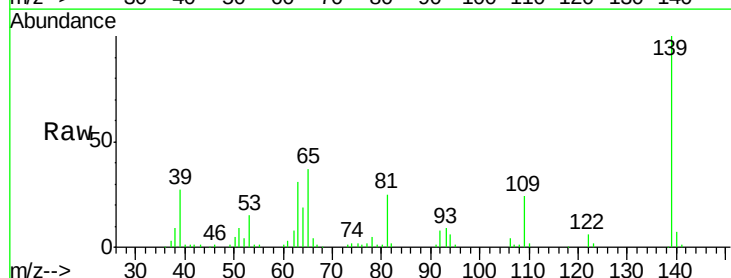
Tgt Ion: 139 Resp: 121134

Ion Ratio Lower Upper

139 100

109 24.3 11.0 16.4#

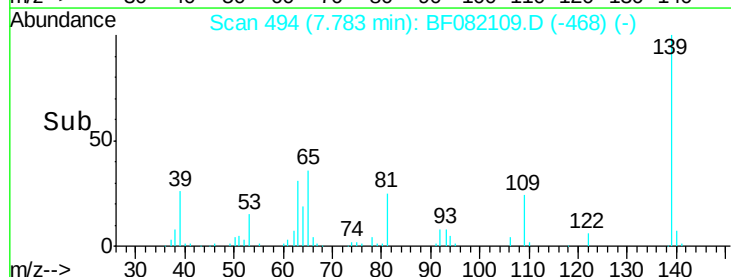
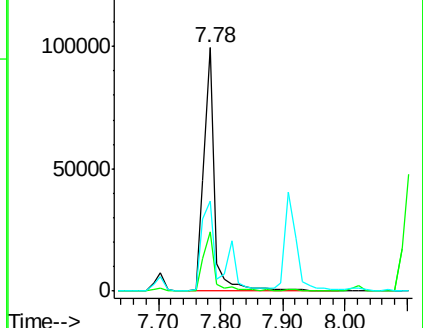
65 37.1 24.7 37.1#

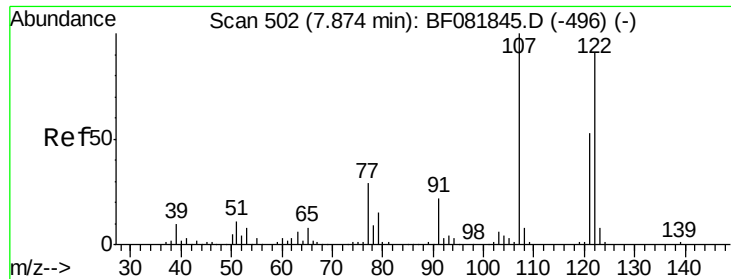


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 51.33 ng

RT: 7.82 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

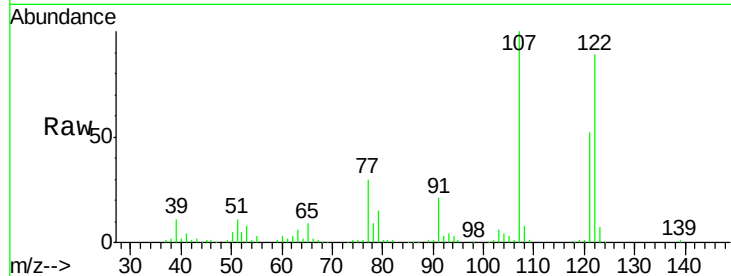
Tgt Ion:122 Resp: 198753

Ion Ratio Lower Upper

122 100

107 112.0 71.8 107.6#

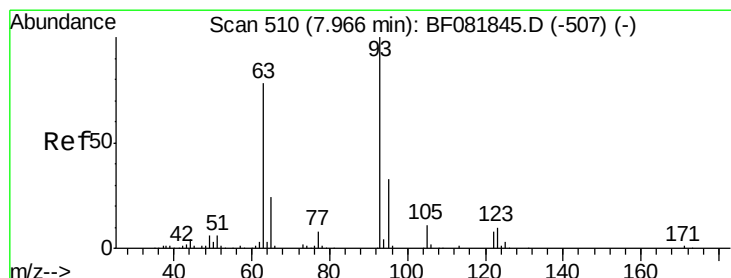
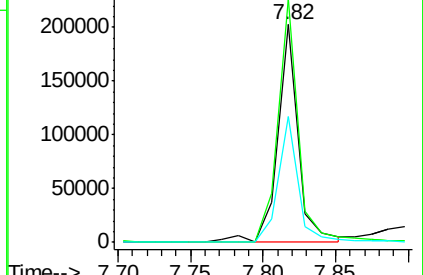
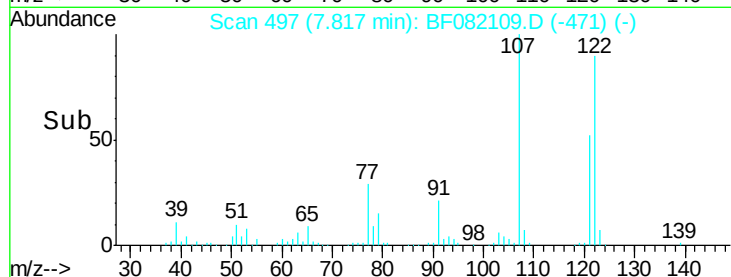
121 57.7 42.3 63.5



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: 47.21 ng

RT: 7.91 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

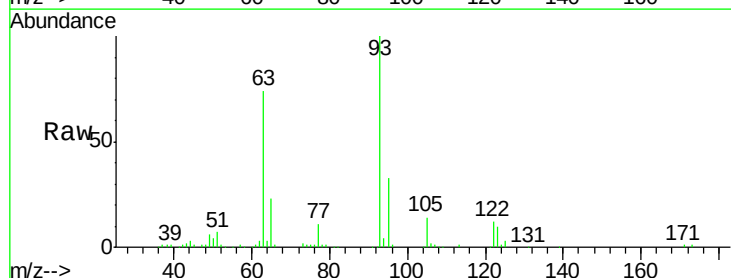
Tgt Ion: 93 Resp: 234666

Ion Ratio Lower Upper

93 100

95 32.5 27.5 41.3

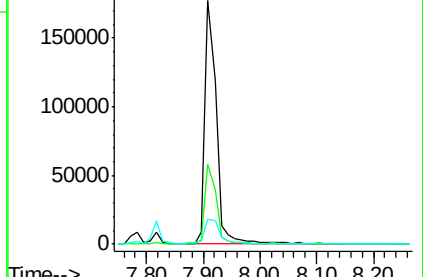
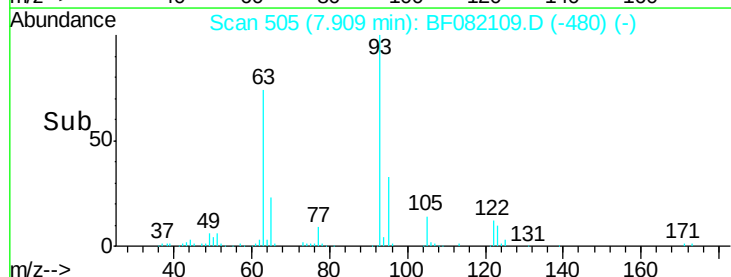
123 10.4 13.7 20.5#

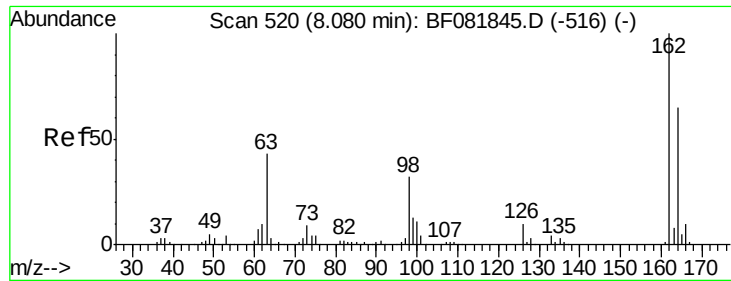


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

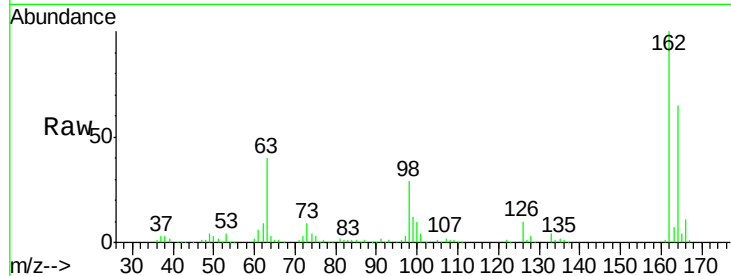




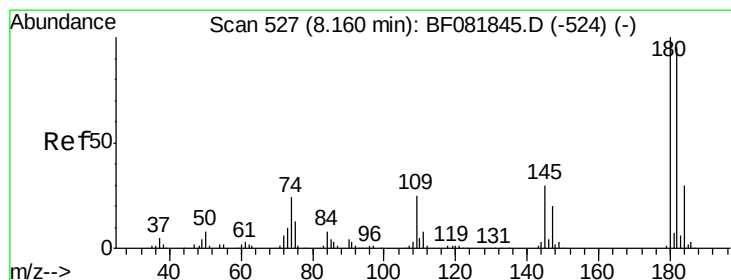
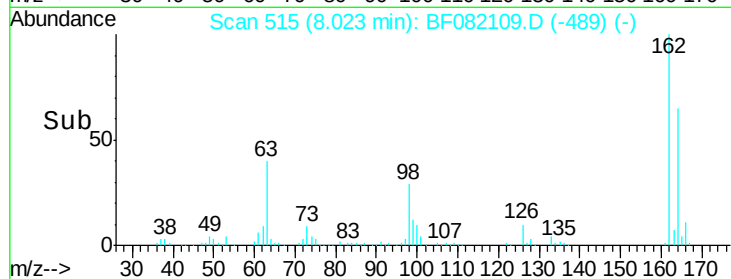
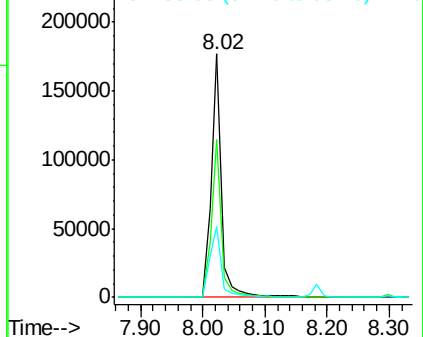
#29
2,4-Dichlorophenol
Concen: 53.41 ng
RT: 8.02 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF082109.D
Acq: 7 Oct 2015 17:31

Instrument :
BNA_F
ClientSampleId :
WC093015MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.9	84.9
98	29.2	13.0	53.0

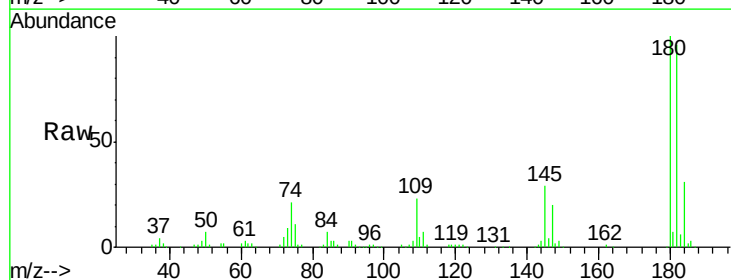


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

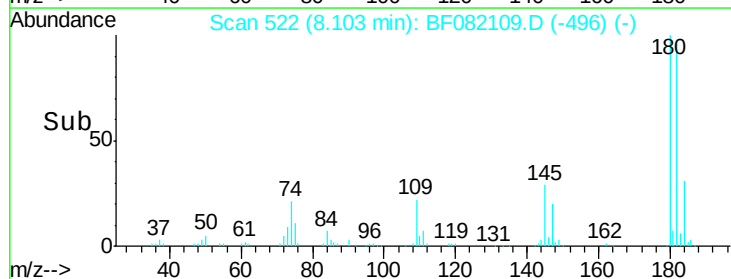
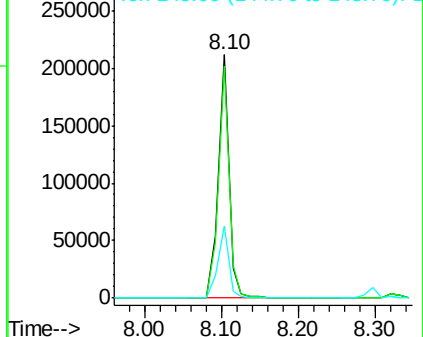


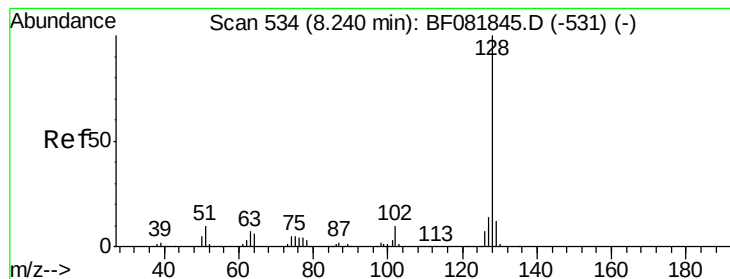
#30
1,2,4-Trichlorobenzene
Concen: 49.52 ng
RT: 8.10 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF082109.D
Acq: 7 Oct 2015 17:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.1	115.7
145	29.5	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: 50.40 ng

RT: 8.18 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

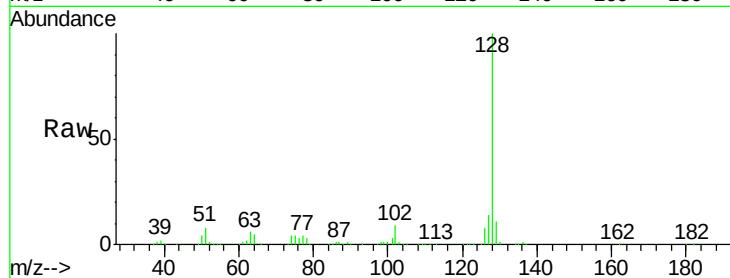
Tgt Ion:128 Resp: 628638

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

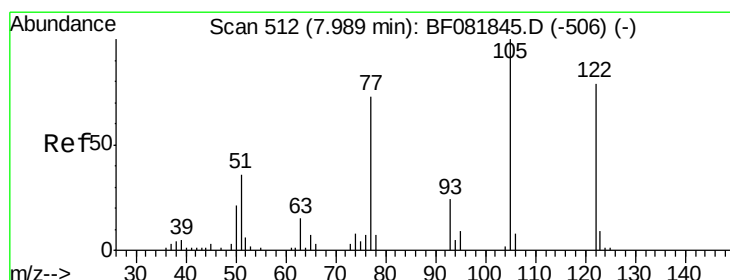
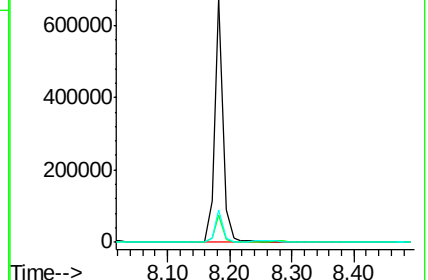
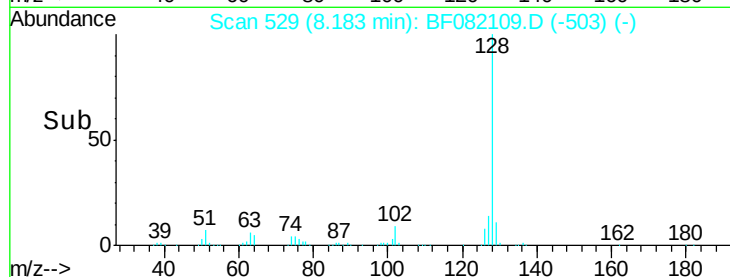
127 13.5 9.9 14.9



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: 47.20 ng

RT: 7.93 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

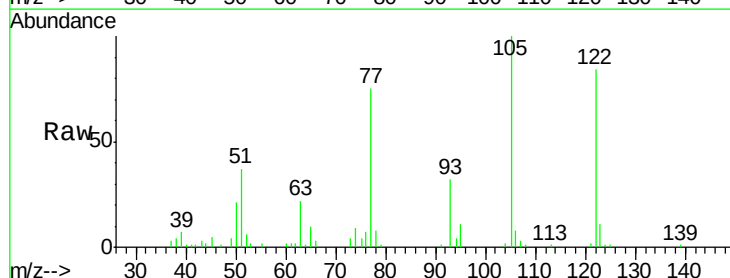
Tgt Ion:122 Resp: 109001

Ion Ratio Lower Upper

122 100

105 119.5 76.1 116.1#

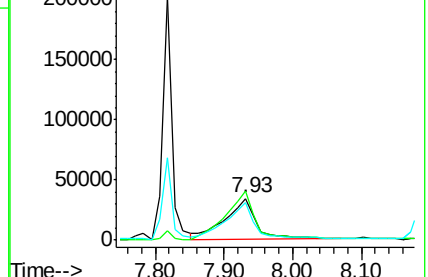
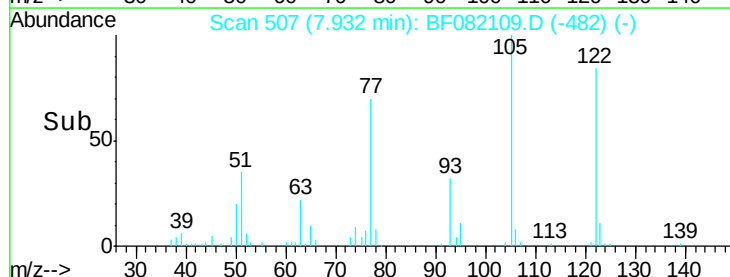
77 90.1 40.5 80.5#

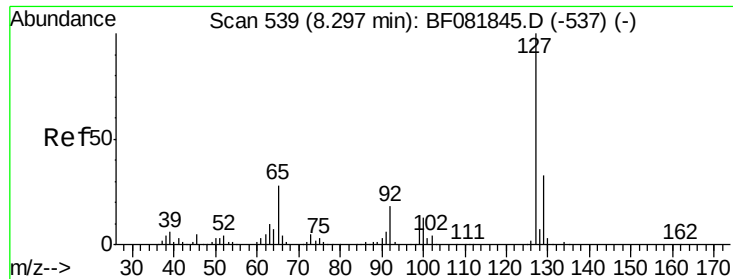


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

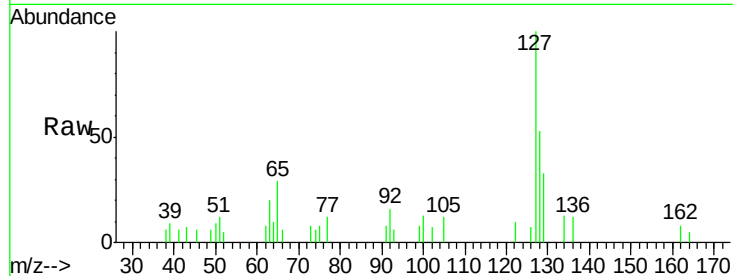




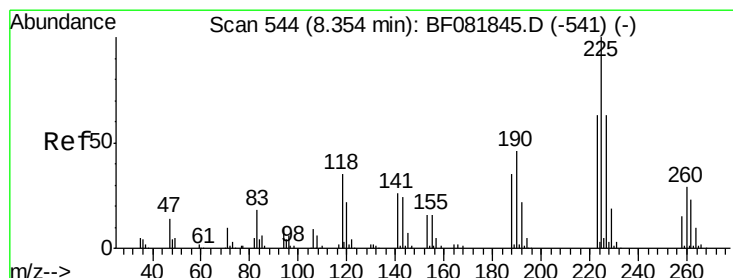
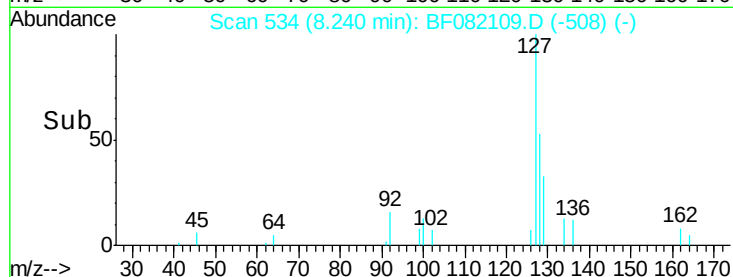
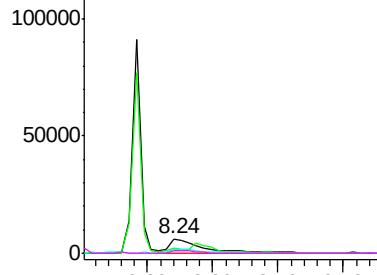
#33
4-Chloroaniline
Concen: 4.11 ng
RT: 8.24 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF082109.D
Acq: 7 Oct 2015 17:31

Instrument :
BNA_F
ClientSampleId :
WC093015MS

Tgt Ion:	127	Resp:	22176
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.6
65	29.1	17.9	26.9#
92	16.0	10.5	15.7#

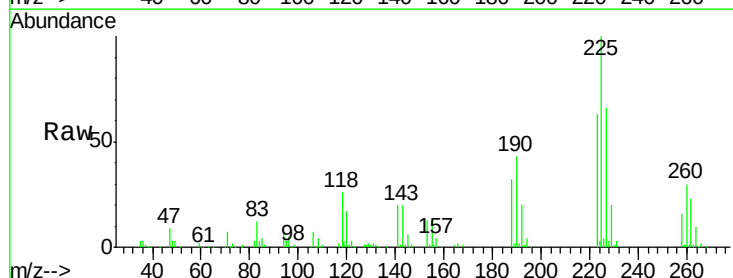


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

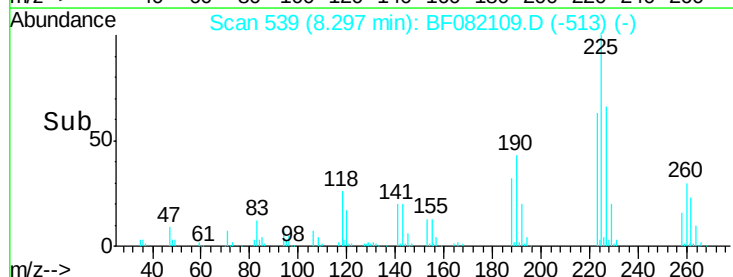
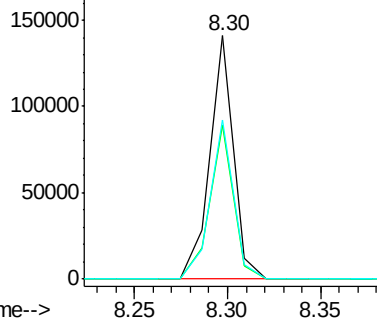


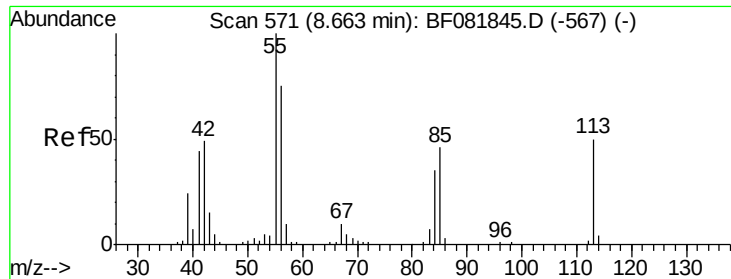
#34
Hexachlorobutadiene
Concen: 50.32 ng
RT: 8.30 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF082109.D
Acq: 7 Oct 2015 17:31

Tgt Ion:	225	Resp:	124734
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.2
227	65.5	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

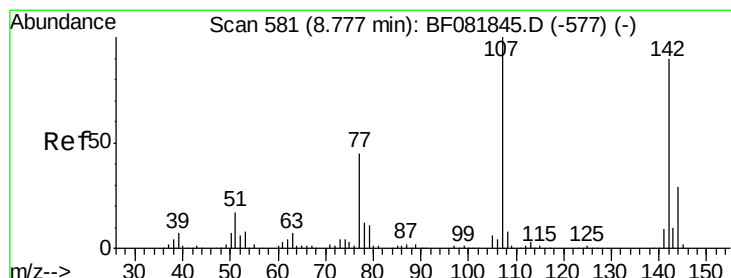
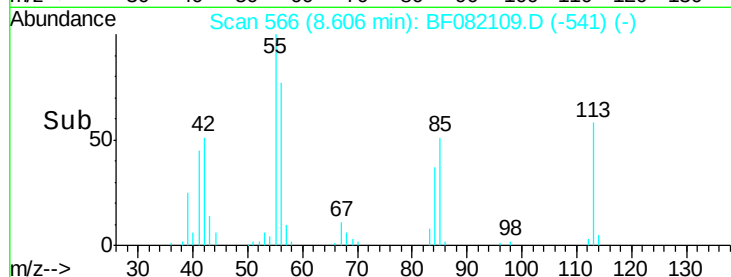
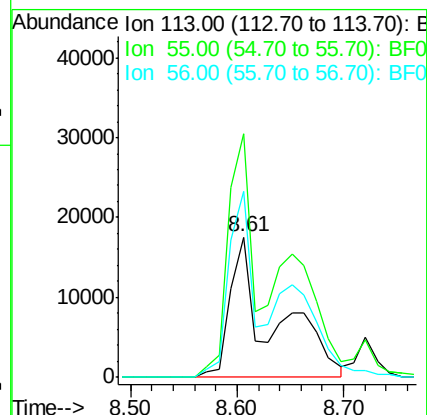
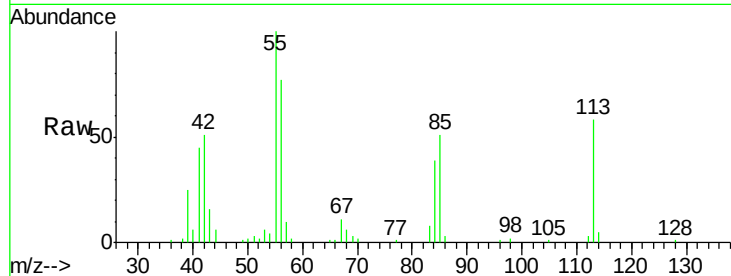




#35
 Caprolactam
 Concen: 47.24 ng m
 RT: 8.61 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

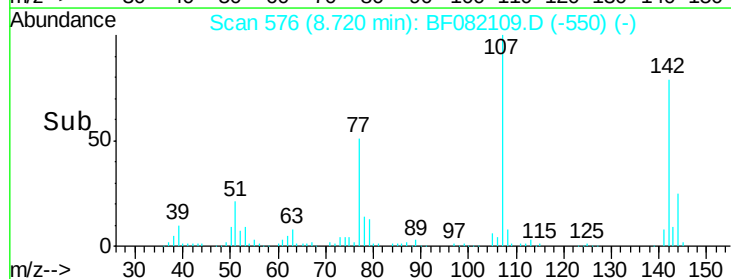
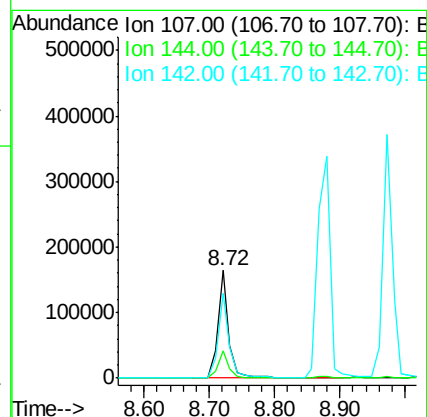
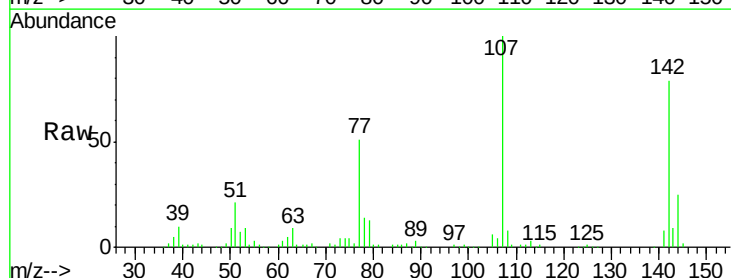
Instrument :
 BNA_F
 ClientSampleId :
 WC093015MS

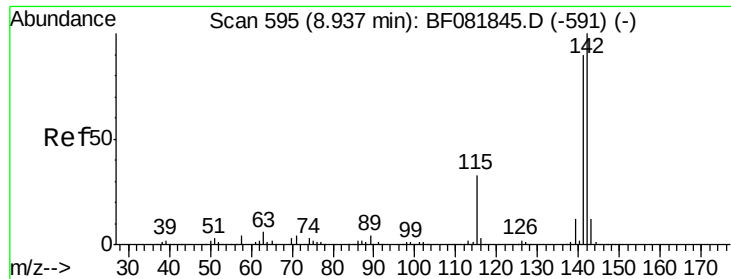
Tgt Ion:113 Resp: 49097
 Ion Ratio Lower Upper
 113 100
 55 173.6 152.4 192.4
 56 132.8 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 53.82 ng
 RT: 8.72 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

Tgt Ion:107 Resp: 197581
 Ion Ratio Lower Upper
 107 100
 144 25.1 25.4 38.0#
 142 79.3 77.3 115.9

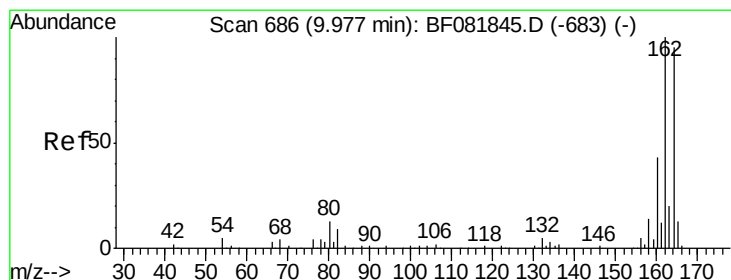
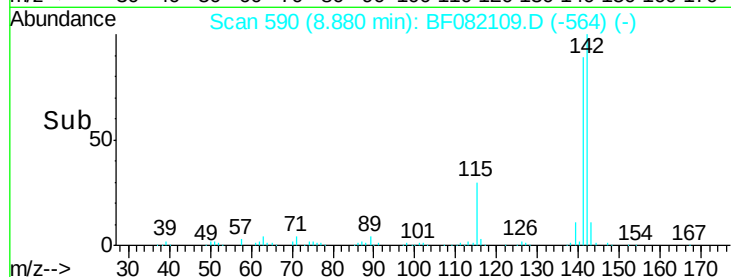
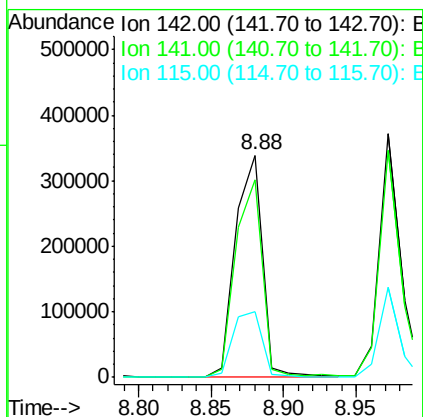
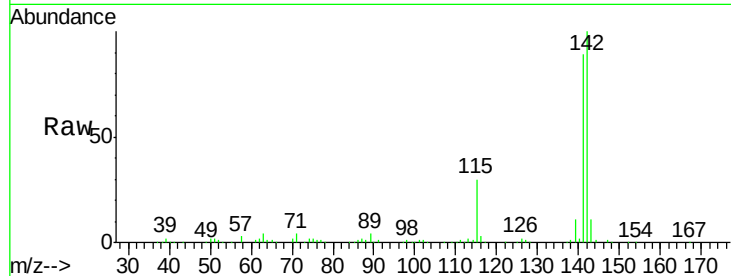




#37
 2-Methylnaphthalene
 Concen: 51.47 ng
 RT: 8.88 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

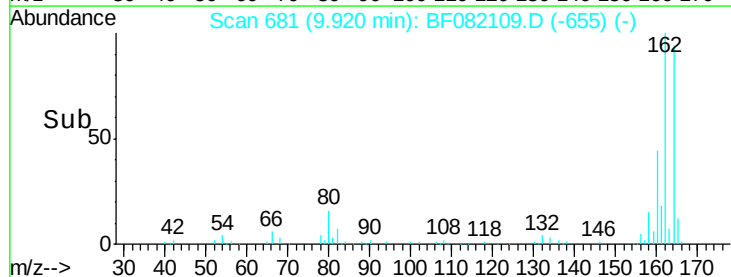
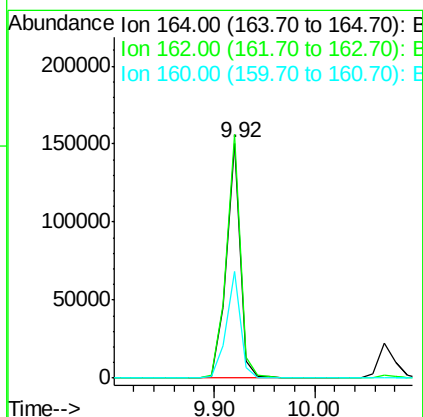
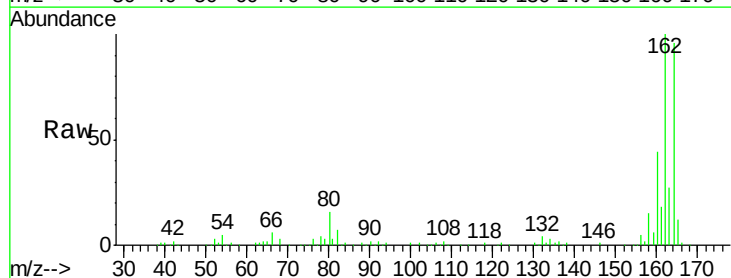
Instrument :
 BNA_F
 ClientSampleId :
 WC093015MS

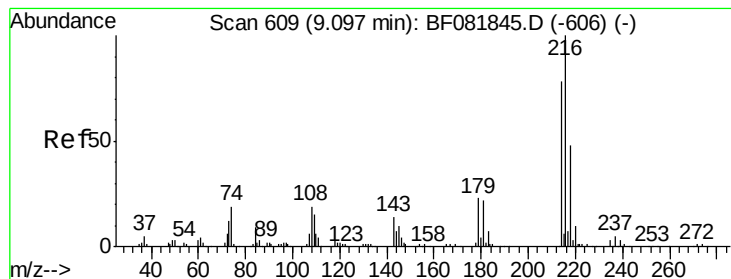
Tgt Ion:142 Resp: 438245
 Ion Ratio Lower Upper
 142 100
 141 88.8 67.5 101.3
 115 29.8 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

Tgt Ion:164 Resp: 145411
 Ion Ratio Lower Upper
 164 100
 162 103.7 75.2 112.8
 160 45.2 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.50 ng

RT: 9.04 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

Tgt Ion:216 Resp: 212055

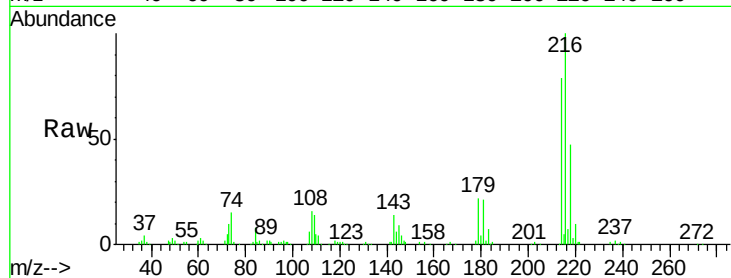
Ion Ratio Lower Upper

216 100

214 79.0 63.5 95.3

179 21.4 16.6 24.8

108 18.8 16.3 24.5

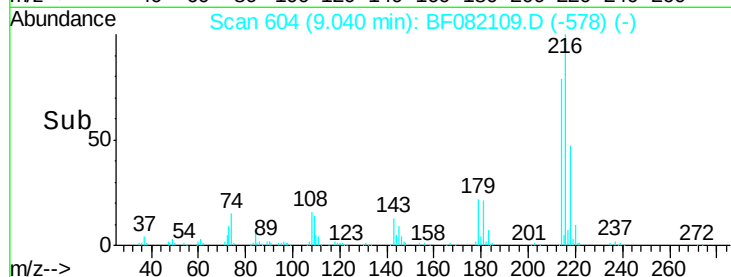


Abundance Ion 216.00 (215.70 to 216.70): E

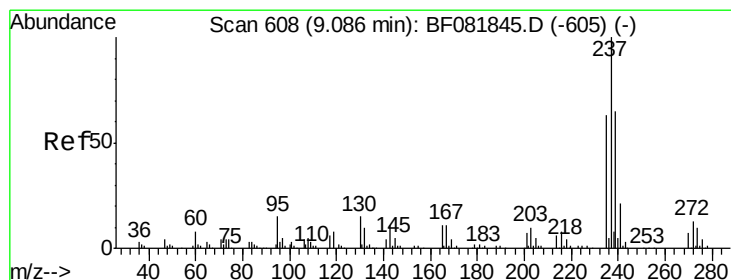
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.90 9.00 9.10 9.20



#40

Hexachlorocyclopentadiene

Concen: 86.36 ng

RT: 9.03 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

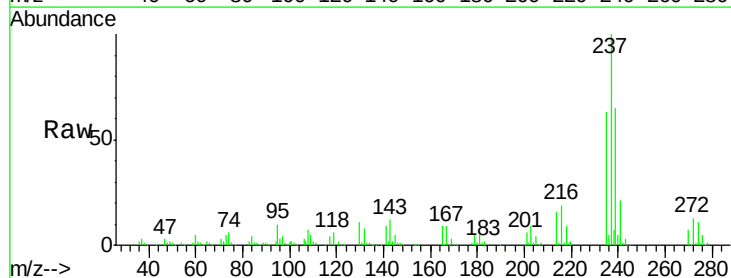
Tgt Ion:237 Resp: 198537

Ion Ratio Lower Upper

237 100

235 63.2 42.0 82.0

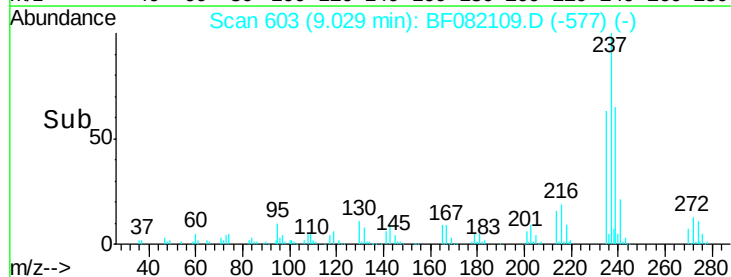
272 13.4 0.0 36.1



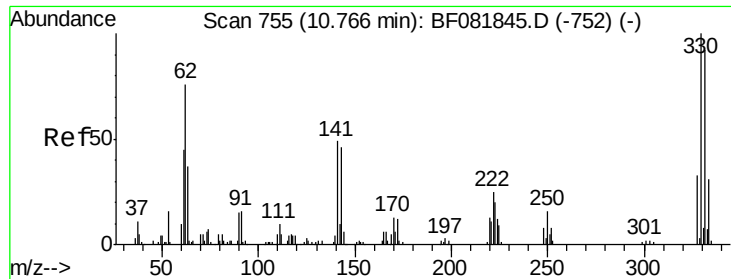
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



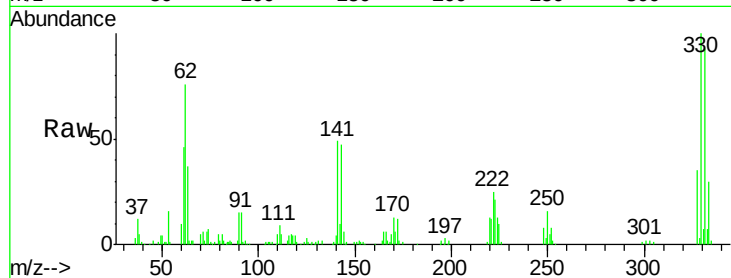
Time--> 8.95 9.00 9.05



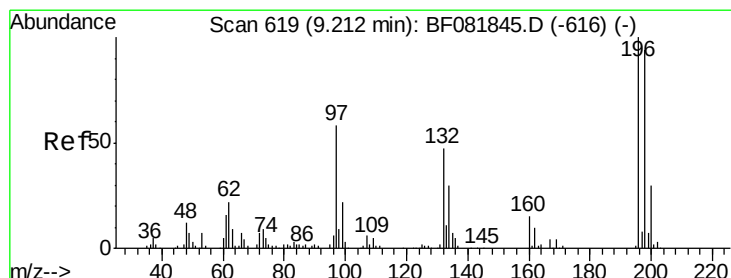
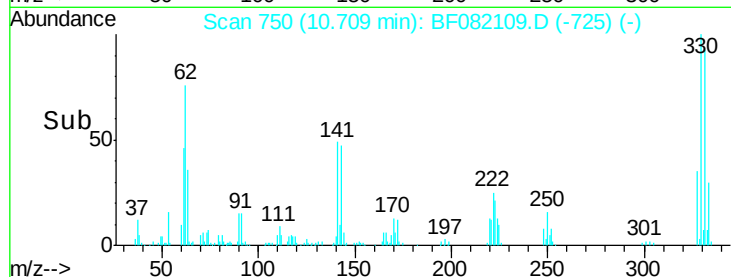
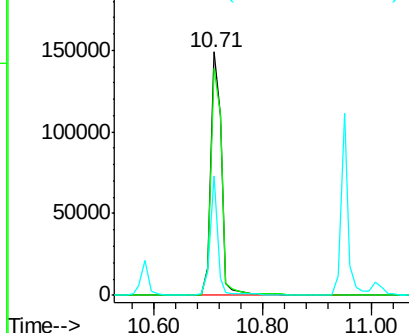
#41
 2,4,6-Tribromophenol
 Concen: 139.70 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

Instrument :
 BNA_F
 ClientSampleId :
 WC093015MS

Tgt Ion:330 Resp: 205728
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 34.4 29.7 44.5

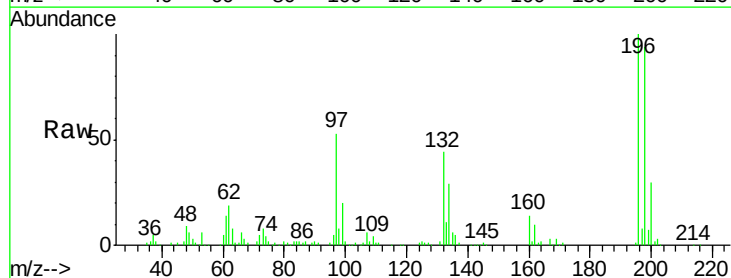


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

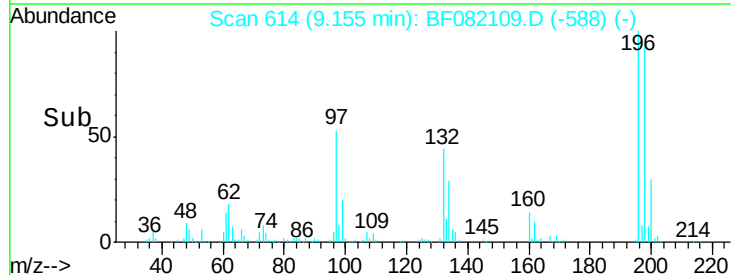
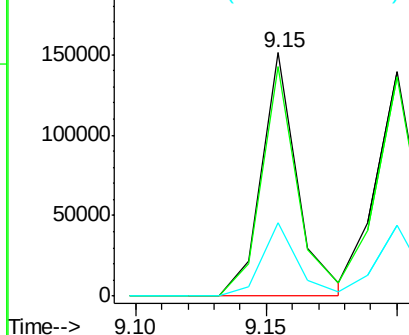


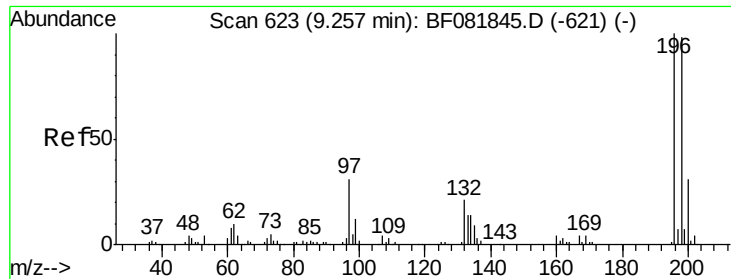
#42
 2,4,6-Trichlorophenol
 Concen: 47.34 ng
 RT: 9.15 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

Tgt Ion:196 Resp: 144895
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.7 113.5
 200 30.0 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

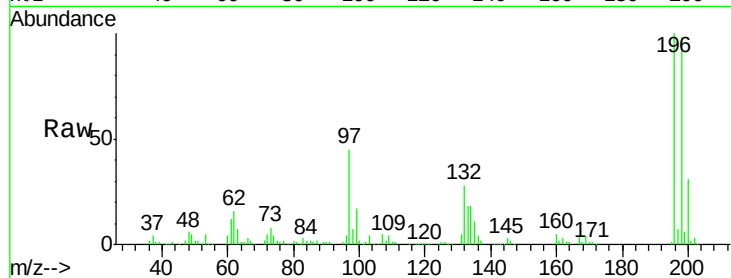




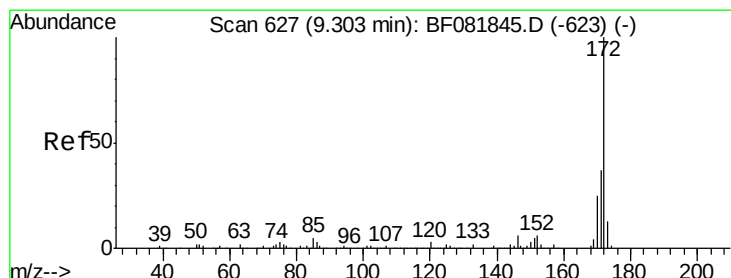
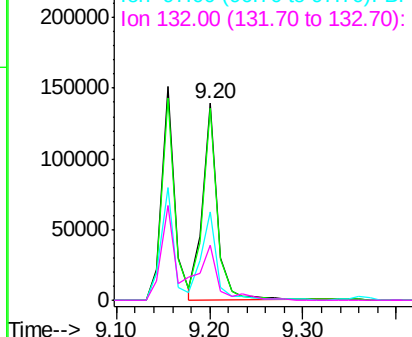
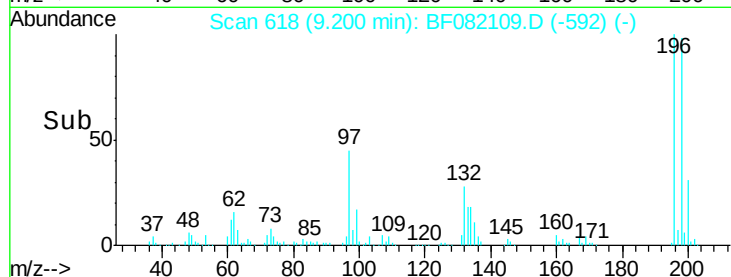
#43
 2,4,5-Trichlorophenol
 Concen: 49.99 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

Instrument :
 BNA_F
 ClientSampleId :
 WC093015MS

Tgt Ion:196 Resp: 157318
 Ion Ratio Lower Upper
 196 100
 198 97.7 75.4 113.0
 97 45.2 33.3 49.9
 132 28.1 24.6 37.0

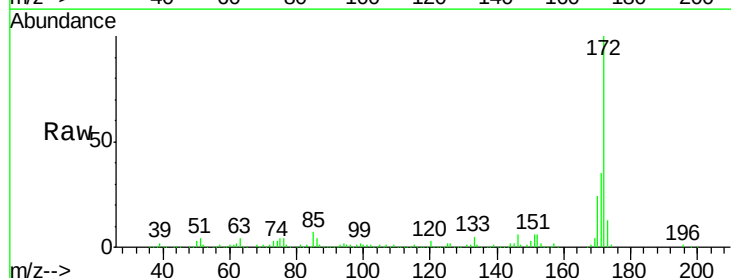


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

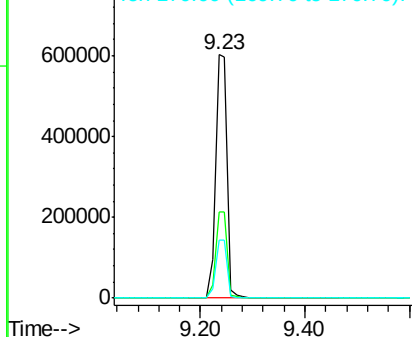
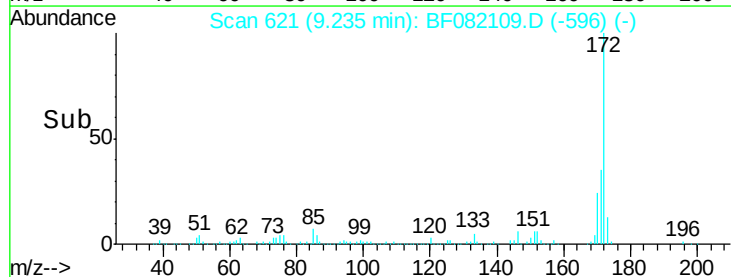


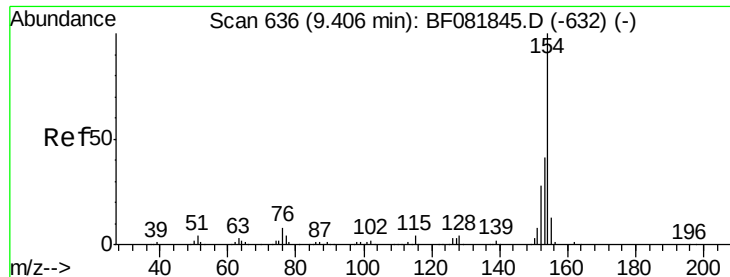
#44
 2-Fluorobiphenyl
 Concen: 113.25 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

Tgt Ion:172 Resp: 921615
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 23.8 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

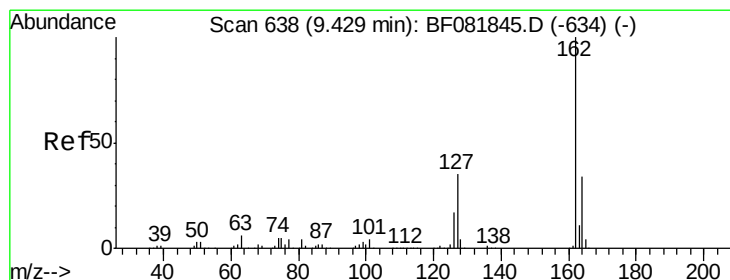
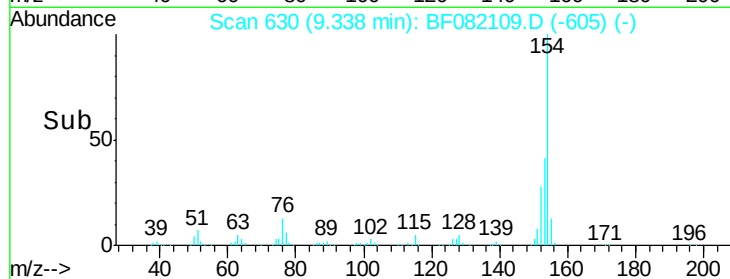
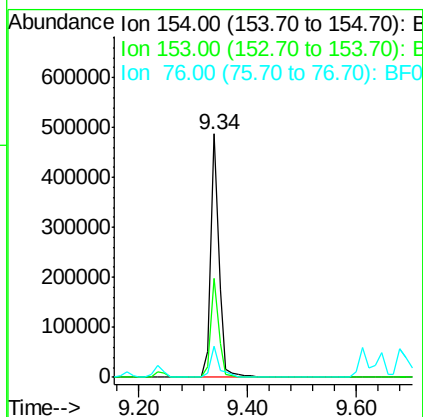
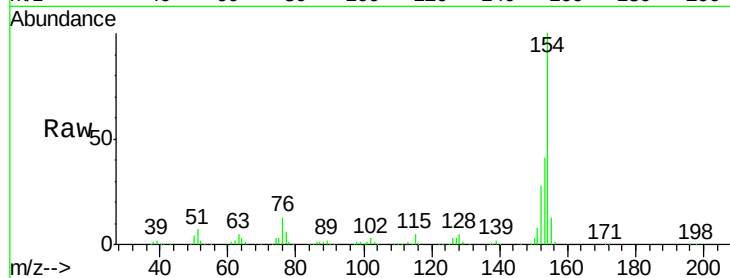




#45
 1,1'-Biphenyl
 Concen: 46.56 ng
 RT: 9.34 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

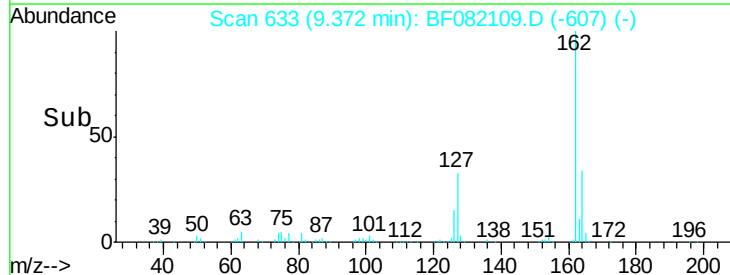
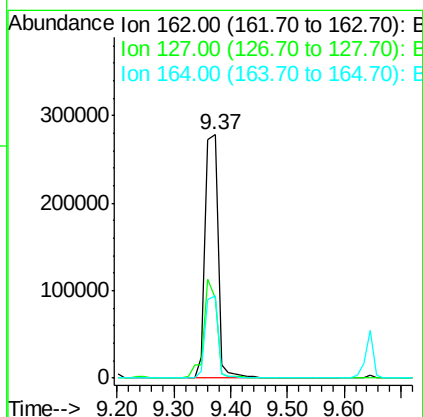
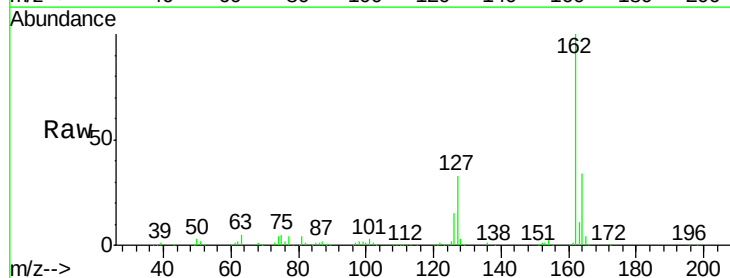
Instrument :
 BNA_F
 ClientSampleId :
 WC093015MS

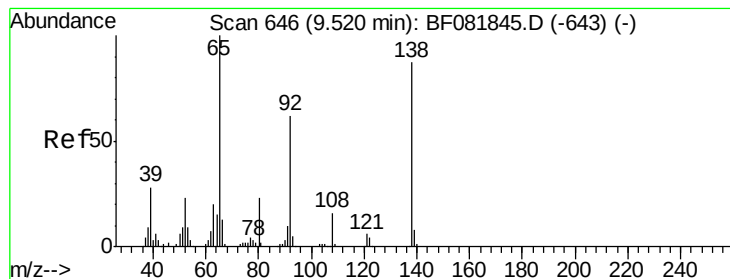
Tgt Ion:154 Resp: 522272
 Ion Ratio Lower Upper
 154 100
 153 40.6 17.1 57.1
 76 12.8 0.0 31.6



#46
 2-Chloronaphthalene
 Concen: 47.71 ng
 RT: 9.37 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

Tgt Ion:162 Resp: 420273
 Ion Ratio Lower Upper
 162 100
 127 32.8 27.6 41.4
 164 33.7 25.4 38.2





#47

2-Nitroaniline

Concen: 46.86 ng

RT: 9.46 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

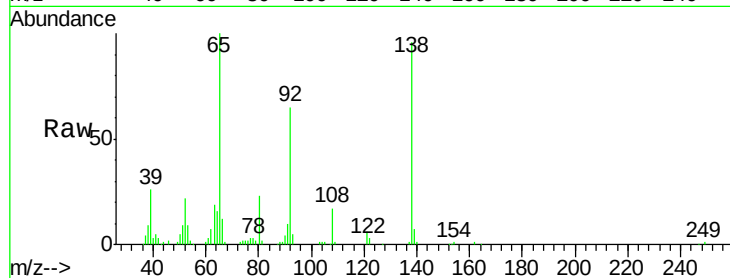
Tgt Ion: 65 Resp: 121180

Ion Ratio Lower Upper

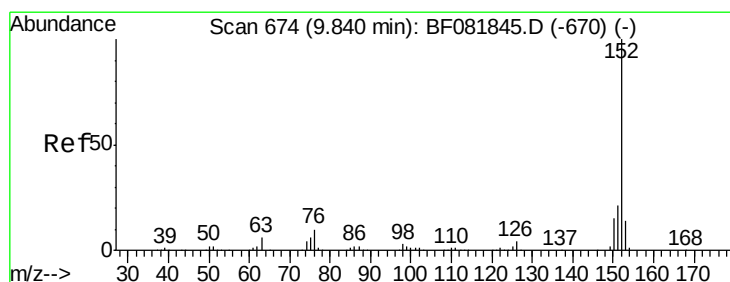
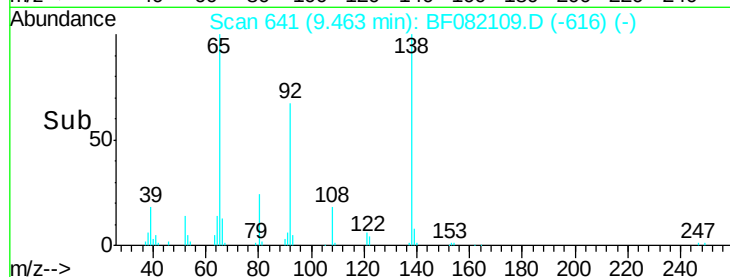
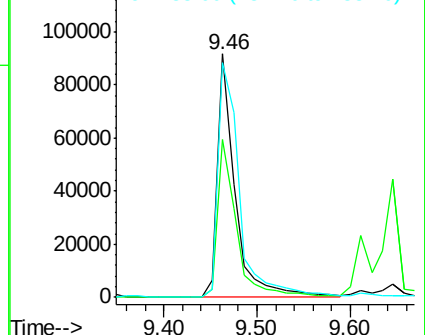
65 100

92 64.8 55.4 83.0

138 96.2 115.5 173.3#



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: 49.17 ng

RT: 9.78 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

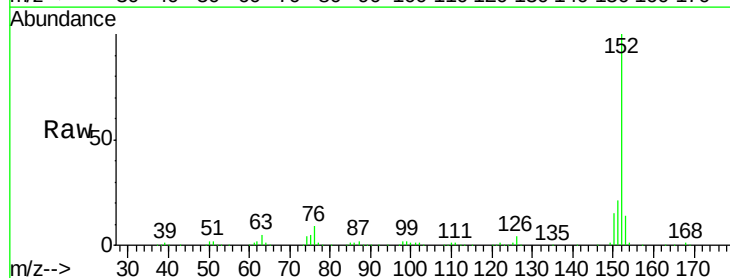
Tgt Ion: 152 Resp: 693244

Ion Ratio Lower Upper

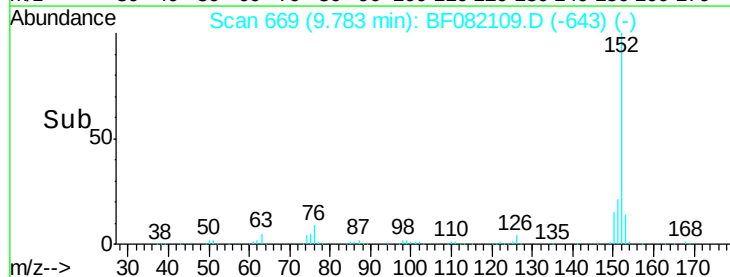
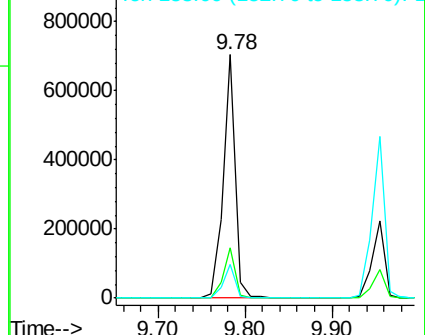
152 100

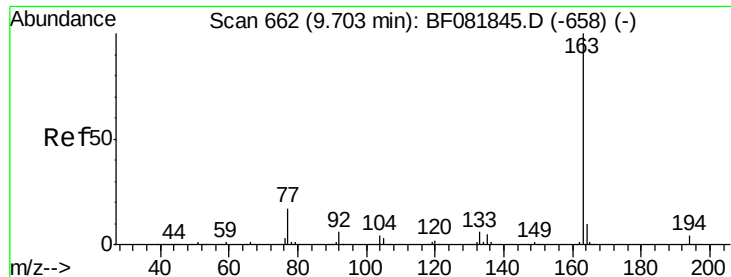
151 20.7 14.6 22.0

153 13.6 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: 52.06 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

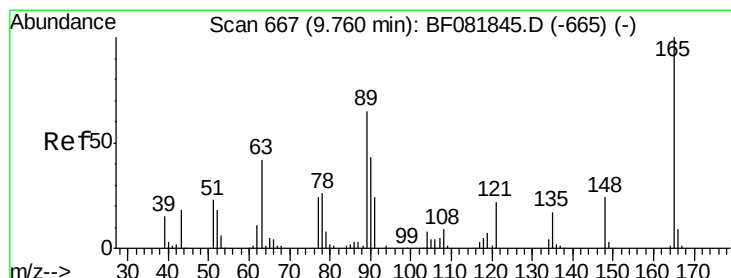
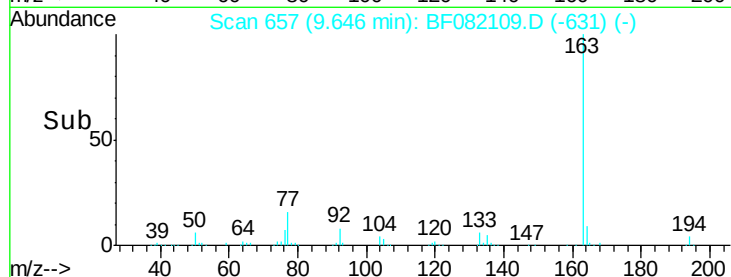
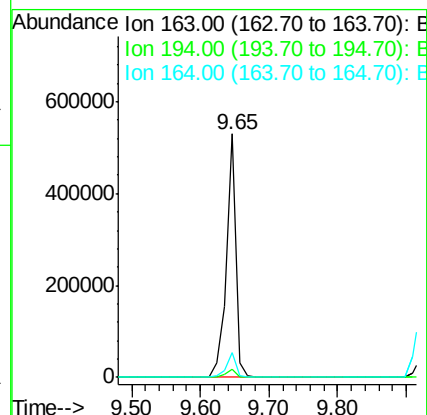
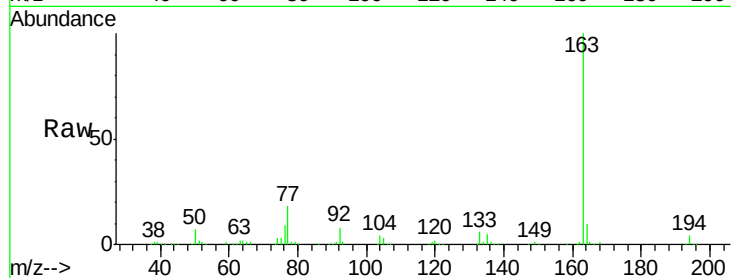
Tgt Ion:163 Resp: 522524

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

164 10.2 8.3 12.5



#50

2,6-Dinitrotoluene

Concen: 51.49 ng

RT: 9.71 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

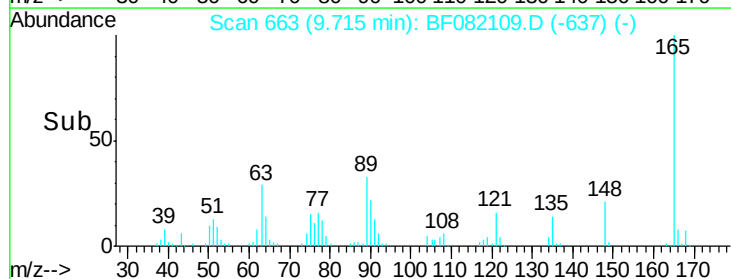
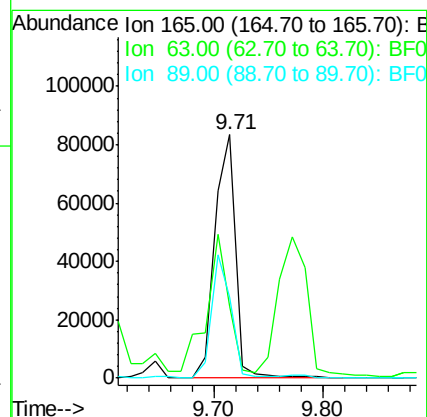
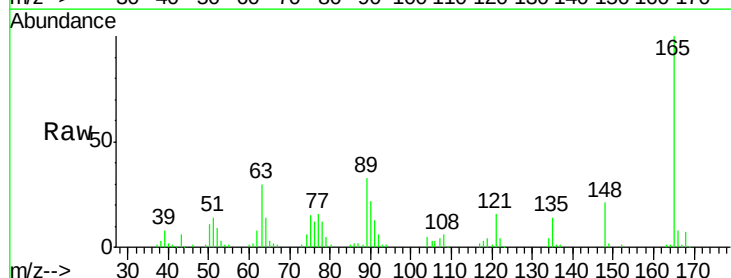
Tgt Ion:165 Resp: 112194

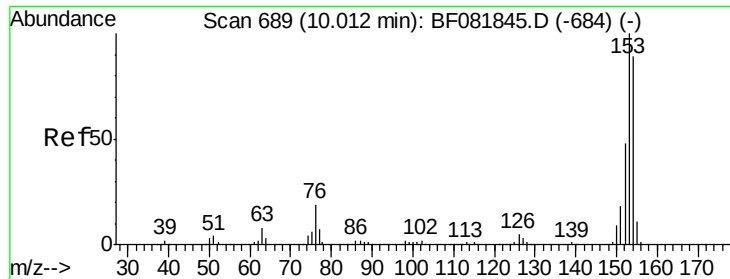
Ion Ratio Lower Upper

165 100

63 29.8 32.3 48.5#

89 33.0 28.6 43.0





#51

Acenaphthene

Concen: 49.73 ng

RT: 9.95 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

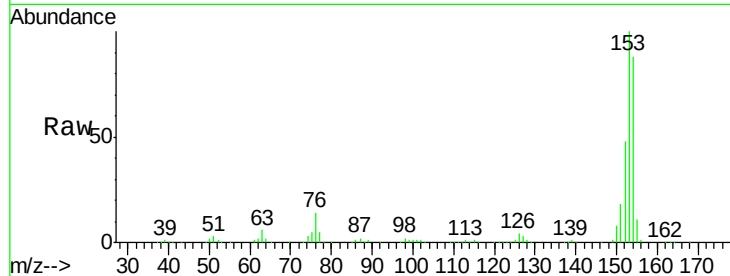
Tgt Ion:154 Resp: 416321

Ion Ratio Lower Upper

154 100

153 113.9 82.1 123.1

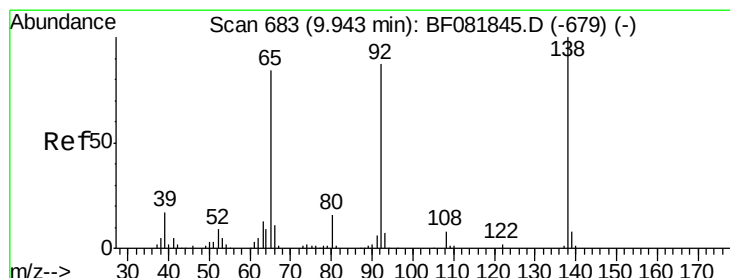
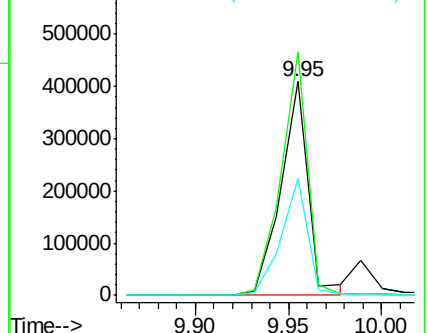
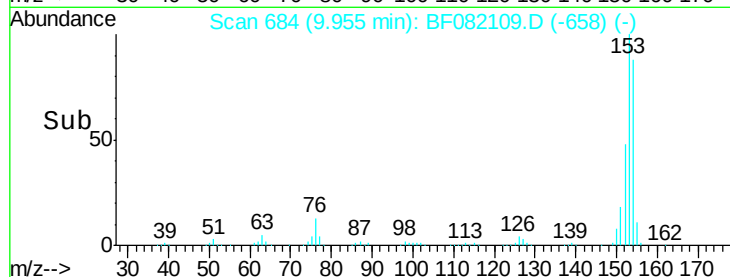
152 54.8 37.9 56.9



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: 7.79 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

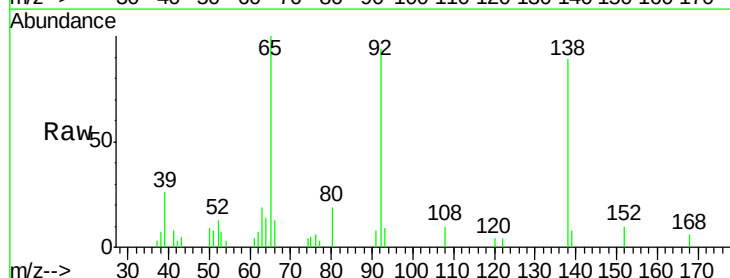
Tgt Ion:138 Resp: 19651

Ion Ratio Lower Upper

138 100

108 10.7 5.7 8.5#

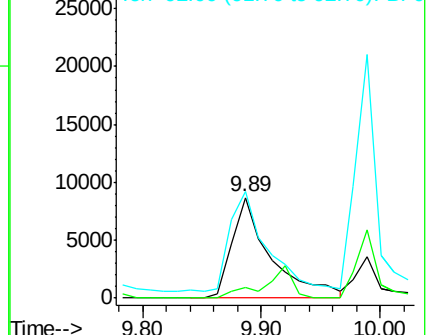
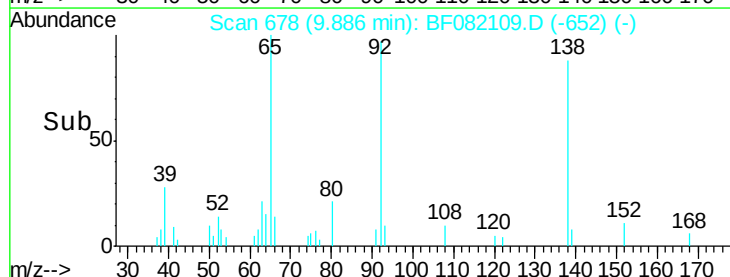
92 106.1 67.7 101.5#

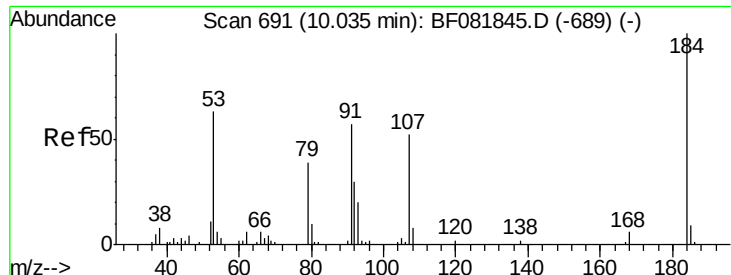


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

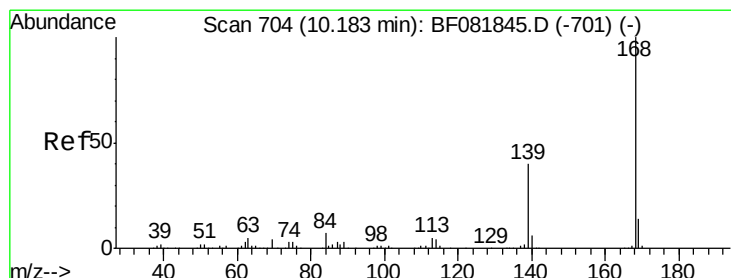
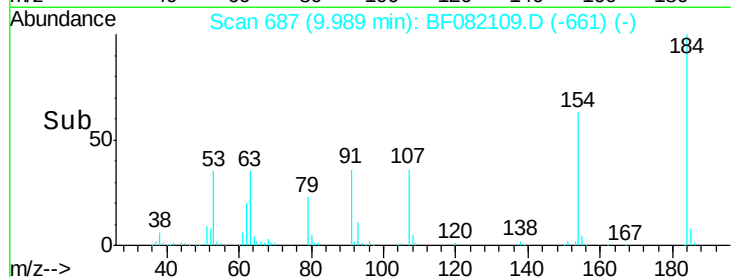
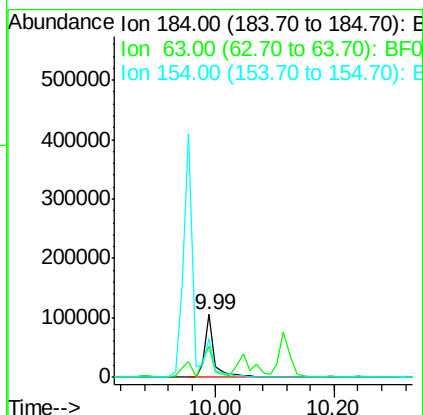
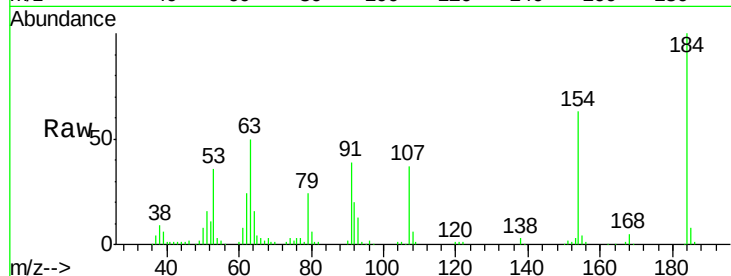




#53
2,4-Dinitrophenol
Concen: 97.88 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF082109.D
Acq: 7 Oct 2015 17:31

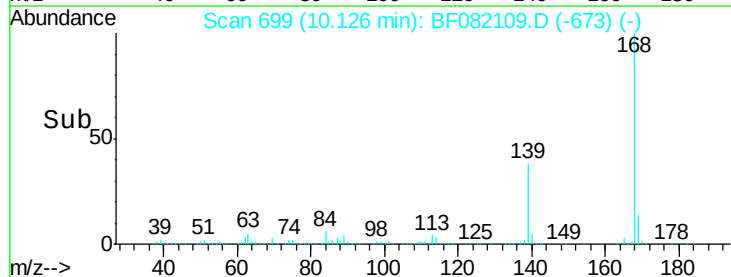
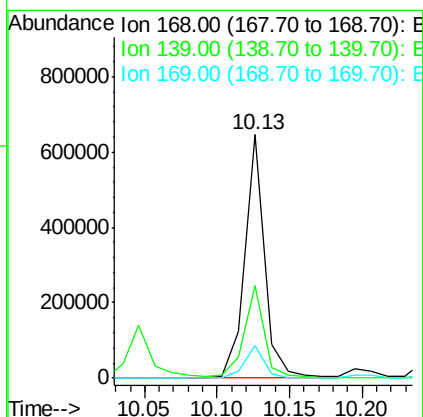
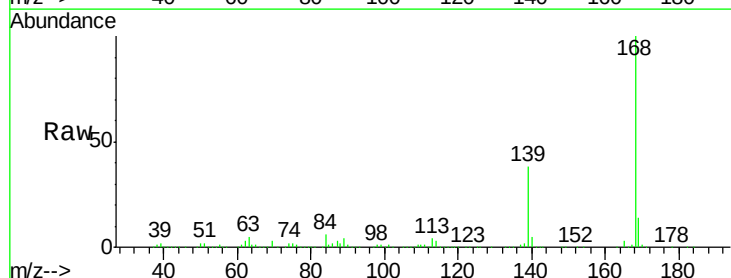
Instrument :
BNA_F
ClientSampleId :
WC093015MS

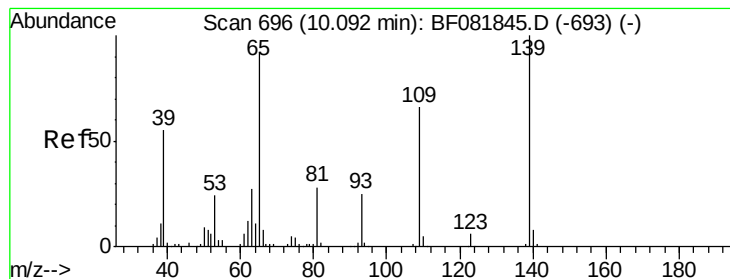
Tgt Ion:184 Resp: 120242
Ion Ratio Lower Upper
184 100
63 50.0 35.4 53.2
154 62.7 32.2 48.4#



#54
Dibenzofuran
Concen: 52.12 ng
RT: 10.13 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF082109.D
Acq: 7 Oct 2015 17:31

Tgt Ion:168 Resp: 616610
Ion Ratio Lower Upper
168 100
139 38.1 24.2 36.2#
169 13.5 10.6 15.8





#55

4-Nitrophenol

Concen: 90.29 ng

RT: 10.05 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

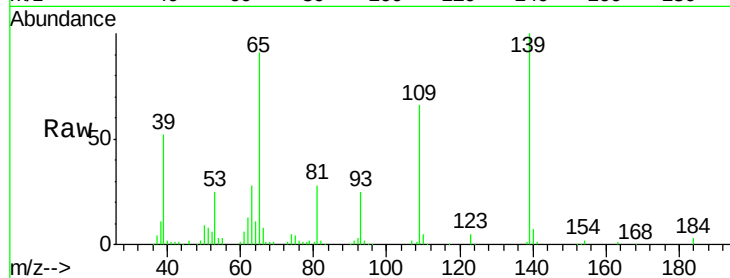
Tgt Ion:139 Resp: 164480

Ion Ratio Lower Upper

139 100

109 66.2 12.7 52.7#

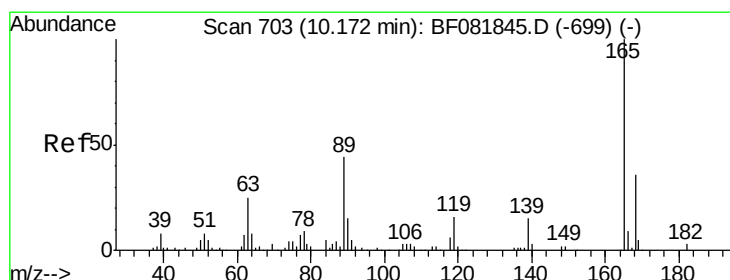
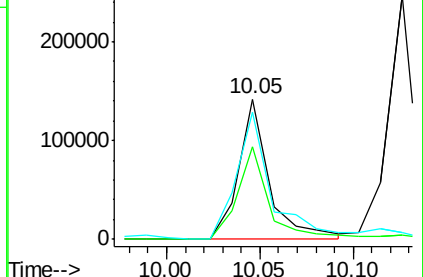
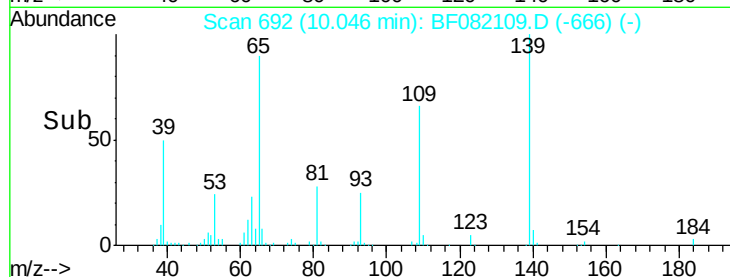
65 90.9 45.9 85.9#



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: 57.81 ng

RT: 10.11 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Tgt Ion:165 Resp: 160604

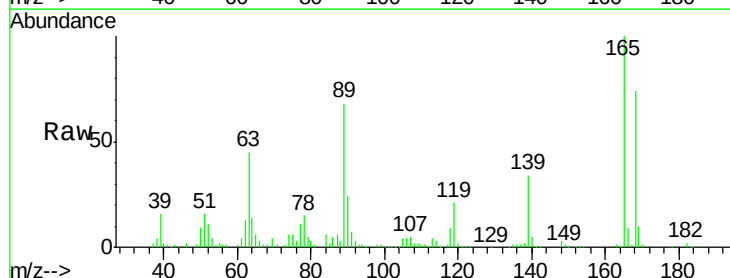
Ion Ratio Lower Upper

165 100

63 44.9 29.8 44.6#

89 67.9 44.5 66.7#

182 2.2 3.0 4.4#

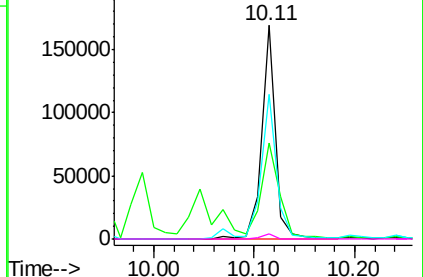
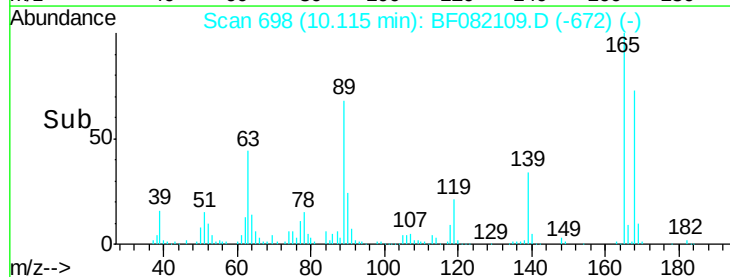


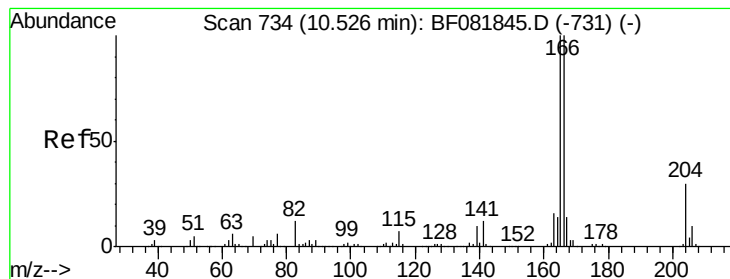
Abundance Ion 165.00 (164.70 to 165.70): E

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: 57.86 ng

RT: 10.47 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

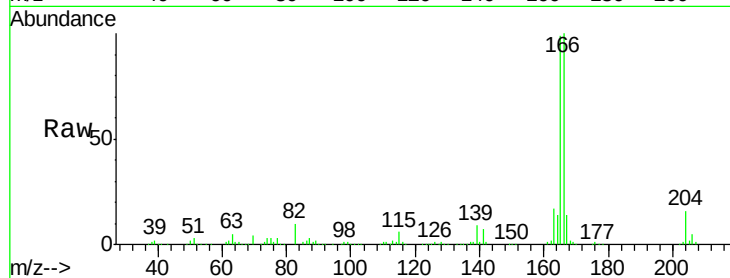
Tgt Ion:166 Resp: 484482

Ion Ratio Lower Upper

166 100

165 98.8 72.6 109.0

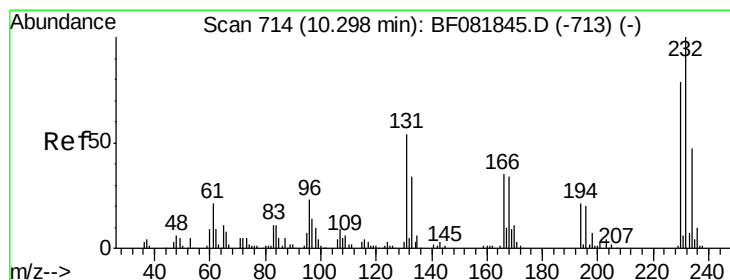
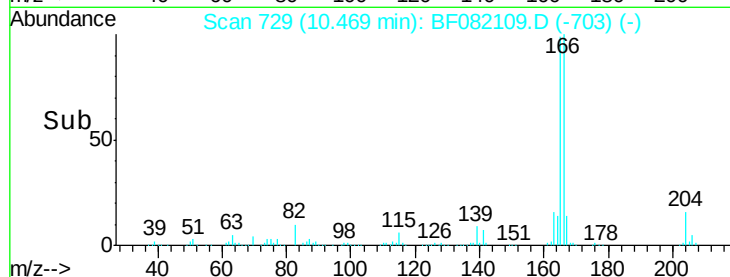
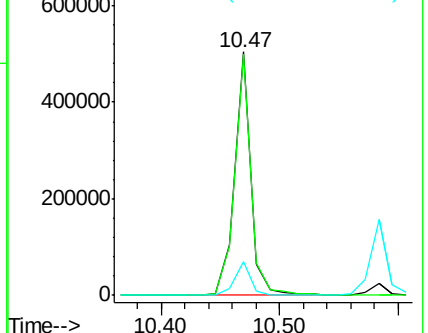
167 13.6 10.6 16.0



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: 54.99 ng

RT: 10.24 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Tgt Ion:232 Resp: 137293

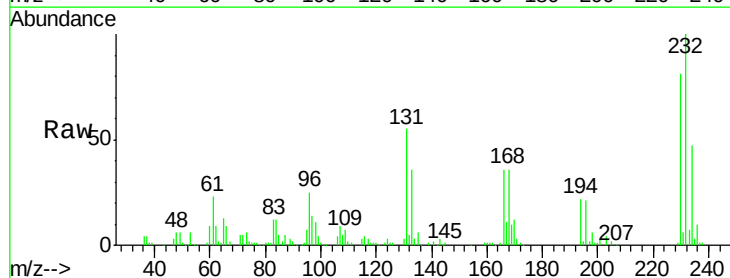
Ion Ratio Lower Upper

232 100

131 42.0 38.5 57.7

130 1.9 1.8 2.6

166 28.6 25.0 37.6

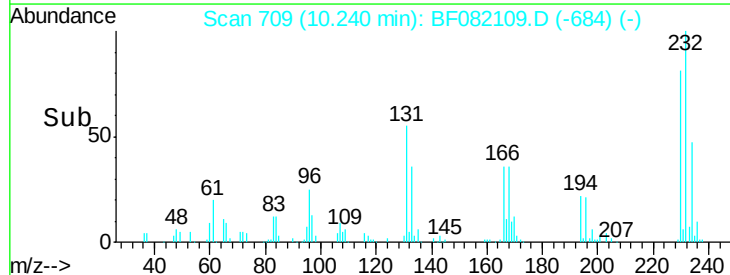
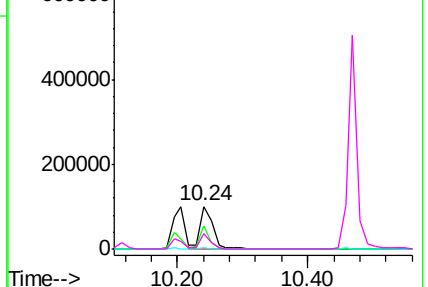


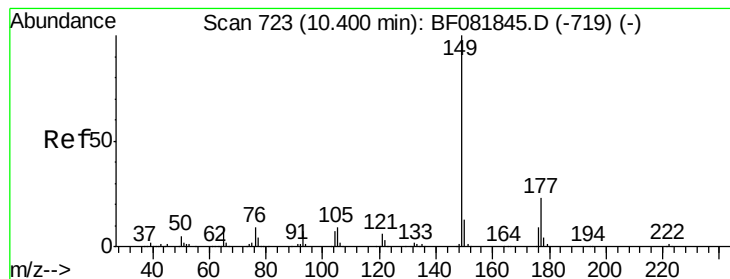
Abundance Ion 232.00 (231.70 to 232.70): E

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: 51.01 ng

RT: 10.34 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

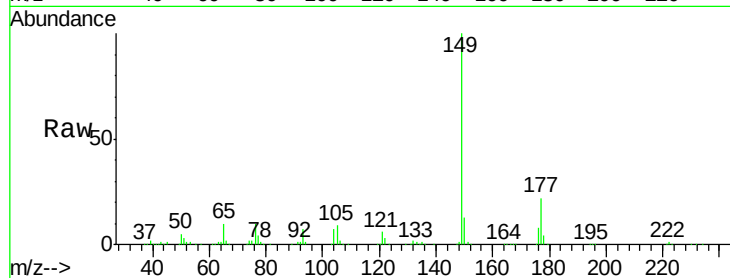
Tgt Ion:149 Resp: 478254

Ion Ratio Lower Upper

149 100

177 22.2 17.5 26.3

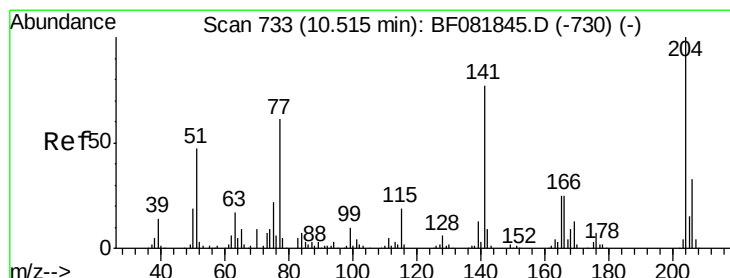
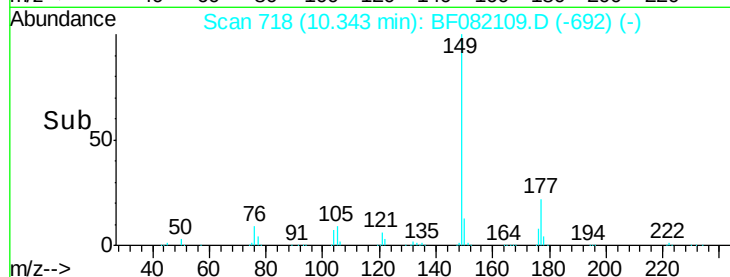
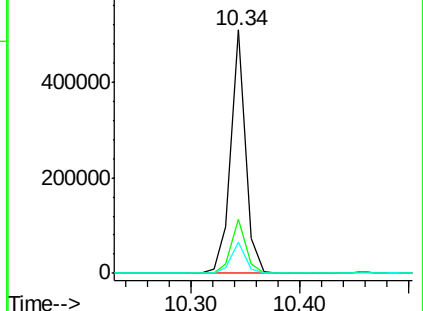
150 13.0 9.4 14.2



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: 49.00 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

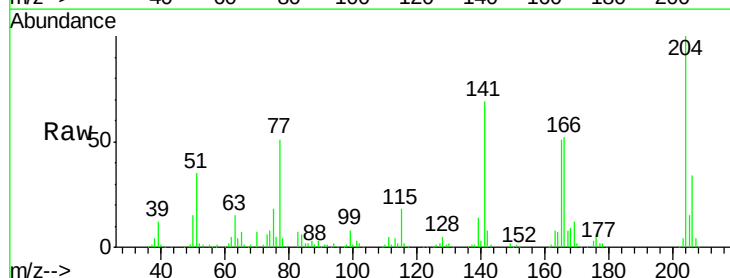
Tgt Ion:204 Resp: 212232

Ion Ratio Lower Upper

204 100

206 33.6 24.8 37.2

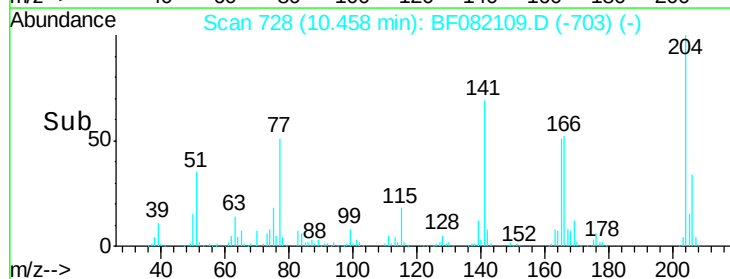
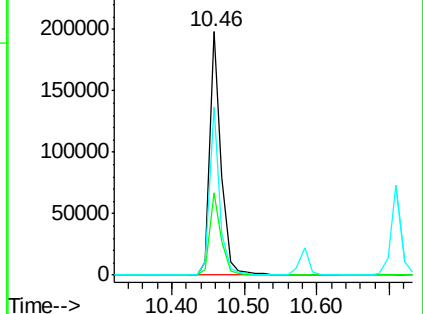
141 68.9 42.2 63.4#

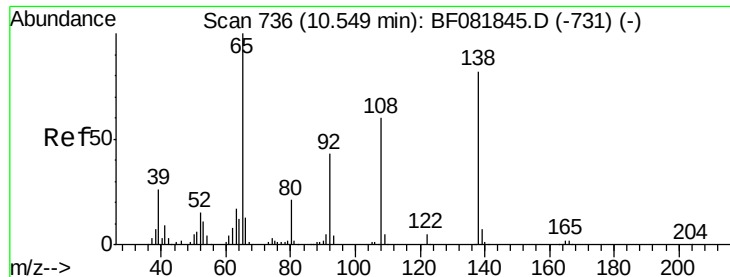


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.02 ng

RT: 10.50 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

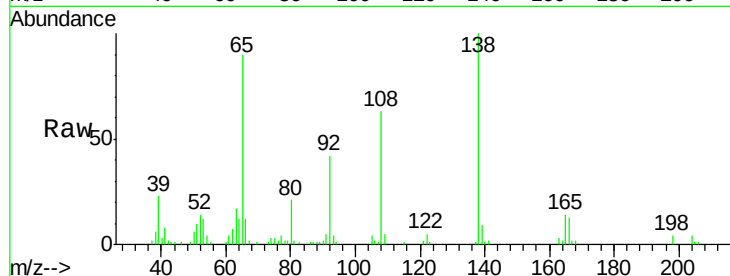
Tgt Ion:138 Resp: 106213

Ion Ratio Lower Upper

138 100

92 42.0 12.6 52.6

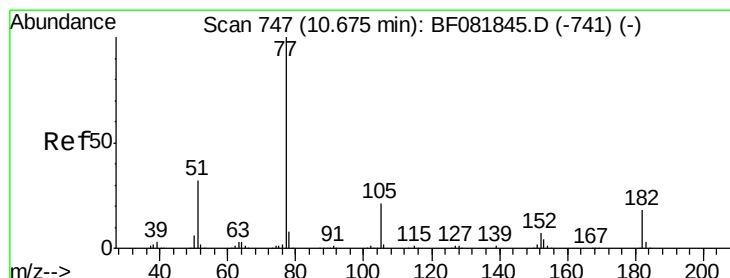
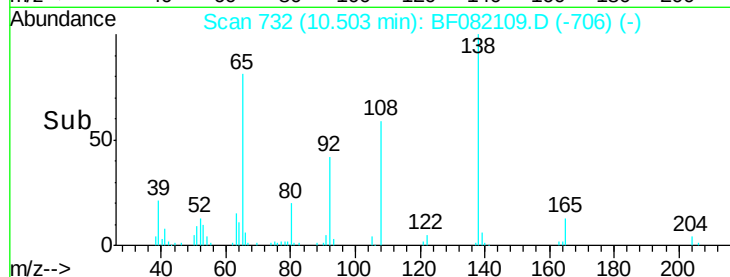
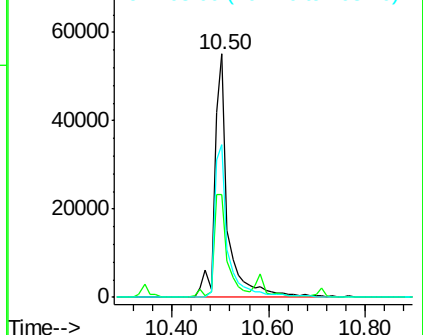
108 62.9 12.4 52.4#



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: 50.28 ng

RT: 10.62 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Tgt Ion: 77 Resp: 460041

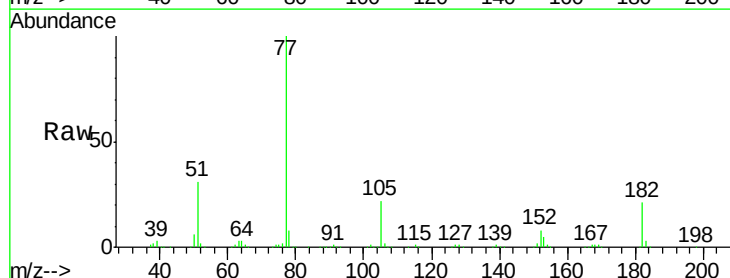
Ion Ratio Lower Upper

77 100

182 20.9 15.1 55.1

105 22.2 3.4 43.4

51 30.7 12.0 52.0

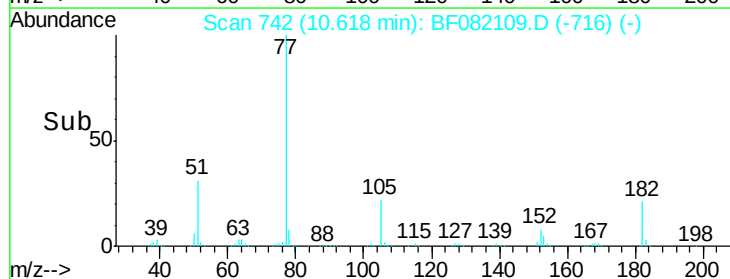
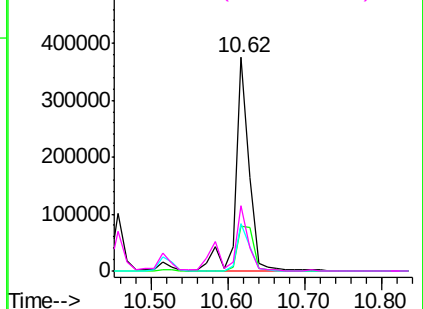


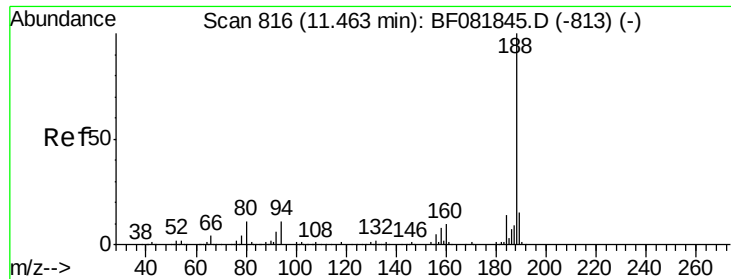
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

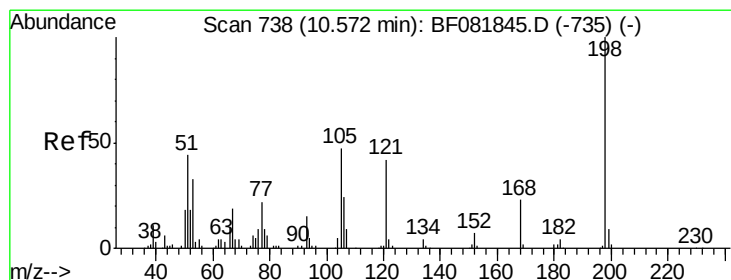
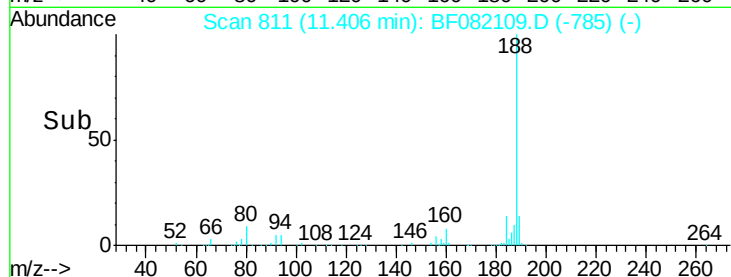
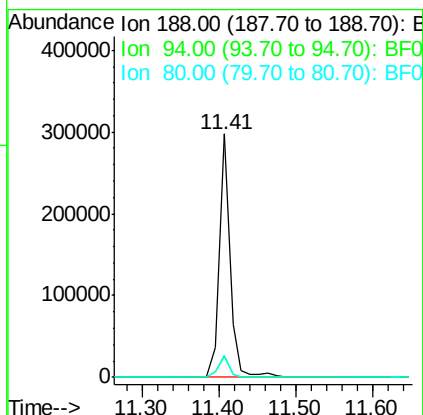
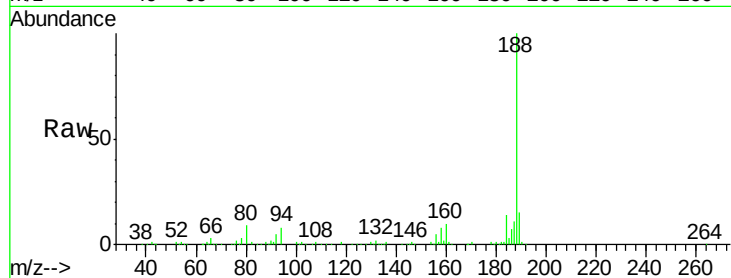




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF082109.D
Acq: 7 Oct 2015 17:31

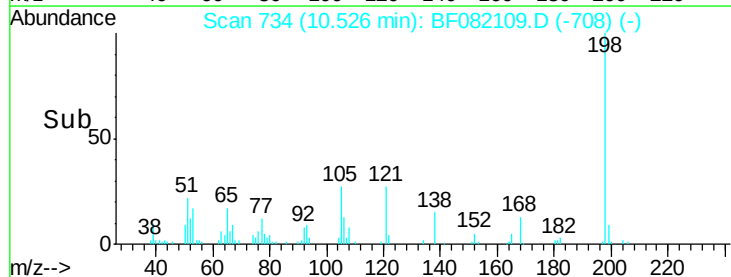
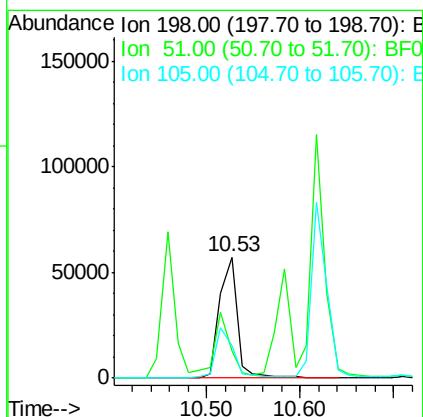
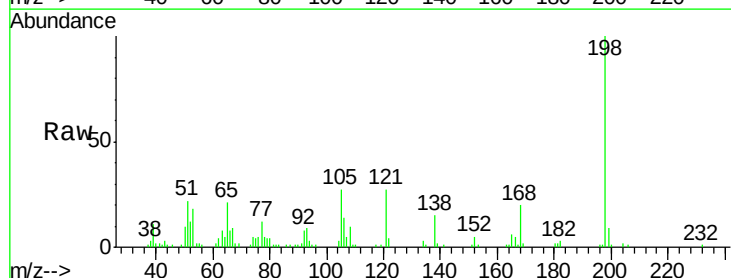
Instrument :
BNA_F
ClientSampleId :
WC093015MS

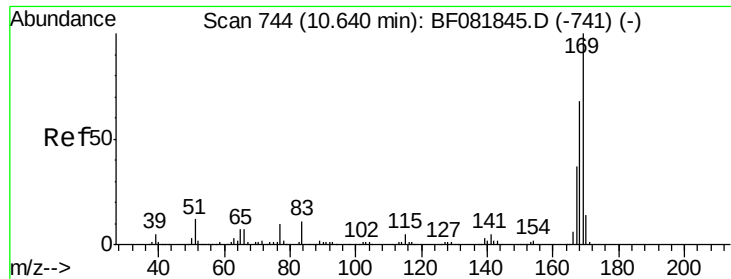
Tgt Ion:188 Resp: 293031
Ion Ratio Lower Upper
188 100
94 8.4 11.1 16.7#
80 8.9 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 55.46 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF082109.D
Acq: 7 Oct 2015 17:31

Tgt Ion:198 Resp: 76450
Ion Ratio Lower Upper
198 100
51 22.1 39.6 79.6#
105 26.8 28.5 68.5#

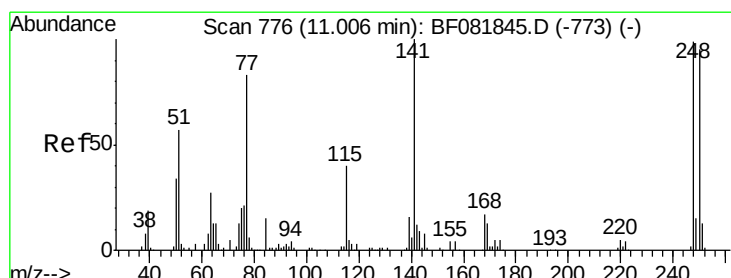
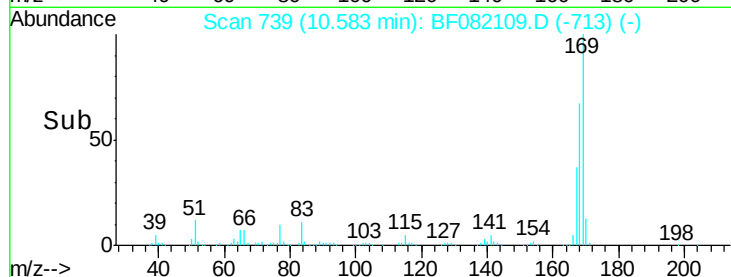
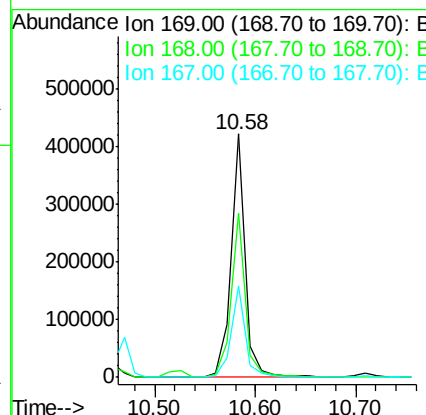
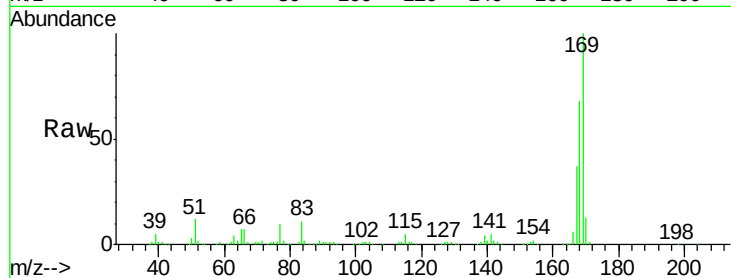




#65
n-Nitrosodiphenylamine
Concen: 46.36 ng
RT: 10.58 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF082109.D
Acq: 7 Oct 2015 17:31

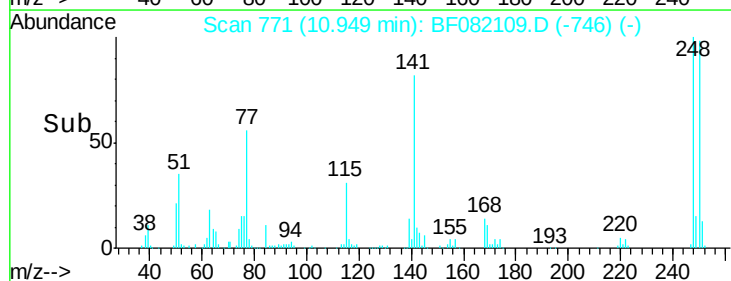
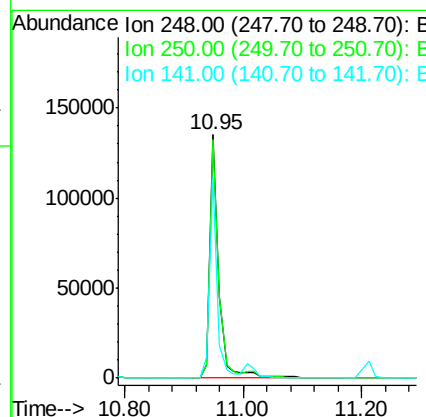
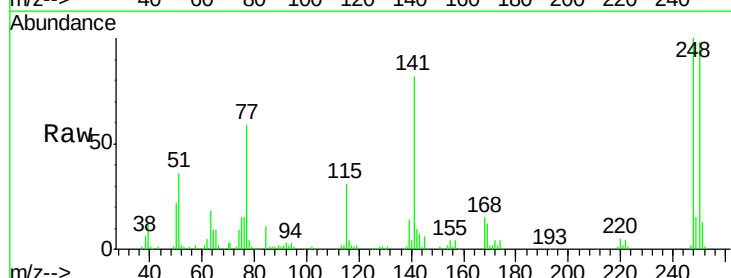
Instrument :
BNA_F
ClientSampleId :
WC093015MS

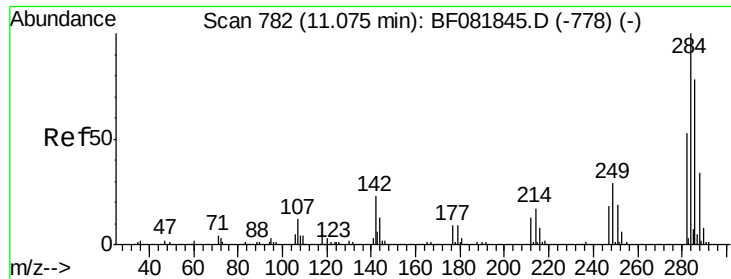
Tgt Ion:169 Resp: 411033
Ion Ratio Lower Upper
169 100
168 67.7 48.9 73.3
167 37.5 26.2 39.4



#66
4-Bromophenyl-phenylether
Concen: 49.49 ng
RT: 10.95 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF082109.D
Acq: 7 Oct 2015 17:31

Tgt Ion:248 Resp: 146233
Ion Ratio Lower Upper
248 100
250 98.0 78.5 117.7
141 82.4 59.0 88.6

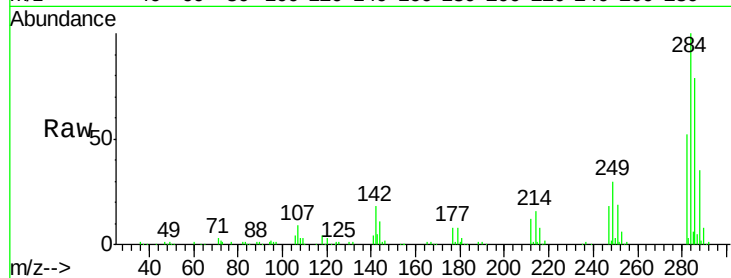




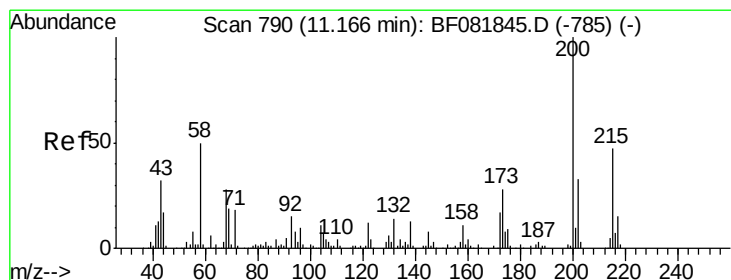
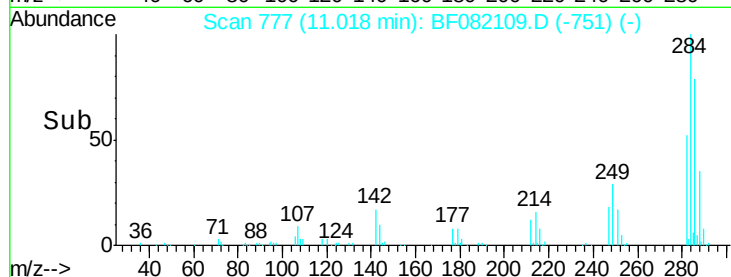
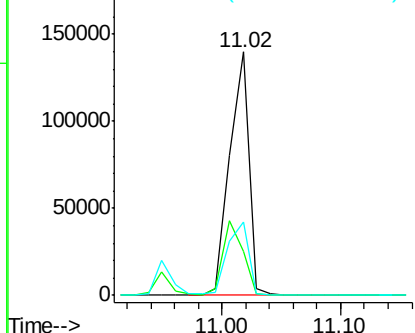
#67
Hexachlorobenzene
Concen: 47.35 ng
RT: 11.02 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF082109.D
Acq: 7 Oct 2015 17:31

Instrument :
BNA_F
ClientSampleId :
WC093015MS

Tgt Ion:284 Resp: 157879
Ion Ratio Lower Upper
284 100
142 18.3 29.5 44.3#
249 30.2 19.5 29.3#

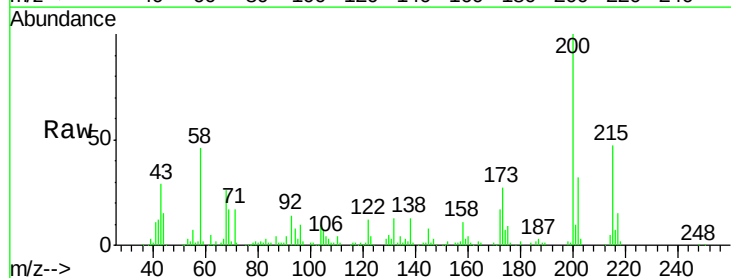


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

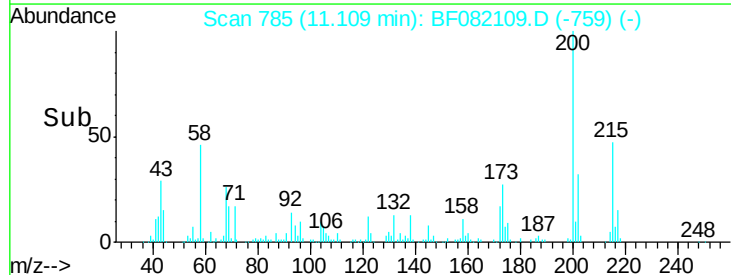
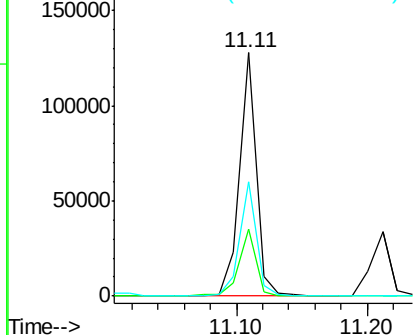


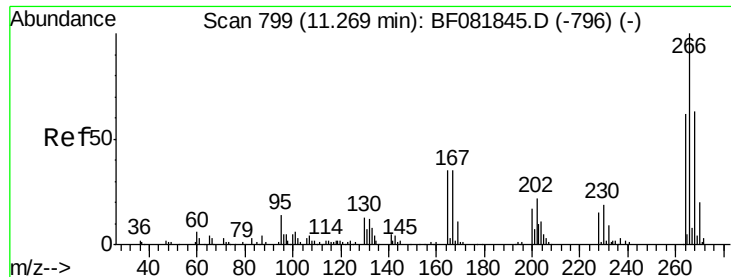
#68
Atrazine
Concen: 41.25 ng
RT: 11.11 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF082109.D
Acq: 7 Oct 2015 17:31

Tgt Ion:200 Resp: 113481
Ion Ratio Lower Upper
200 100
173 27.3 13.2 53.2
215 47.2 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

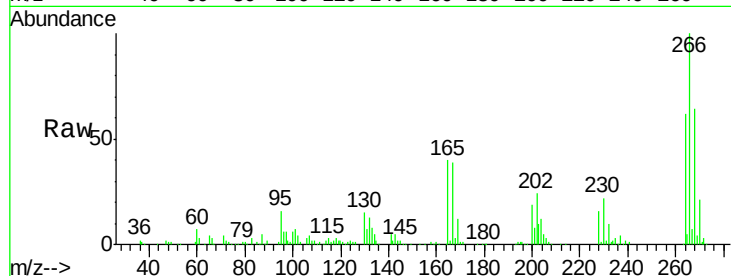




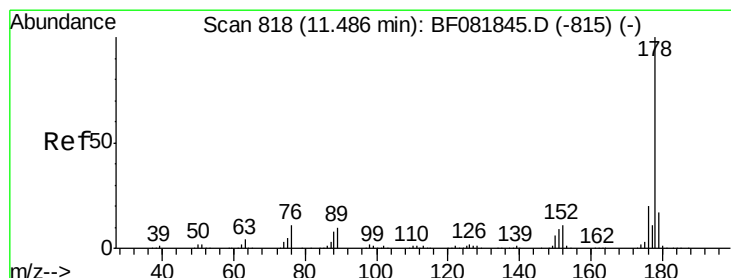
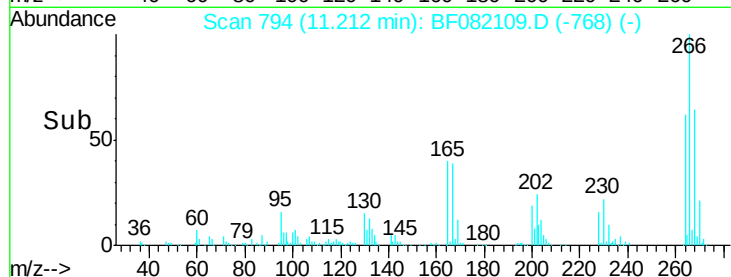
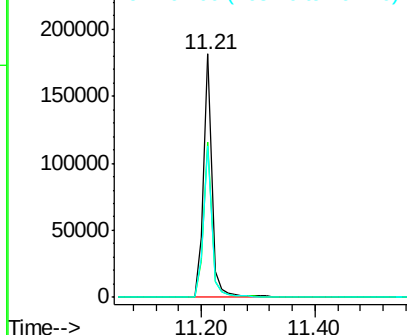
#69
 Pentachlorophenol
 Concen: 96.47 ng
 RT: 11.21 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

Instrument :
 BNA_F
 ClientSampleId :
 WC093015MS

Tgt Ion:266 Resp: 183287
 Ion Ratio Lower Upper
 266 100
 268 63.6 49.8 74.6
 264 62.4 50.2 75.2

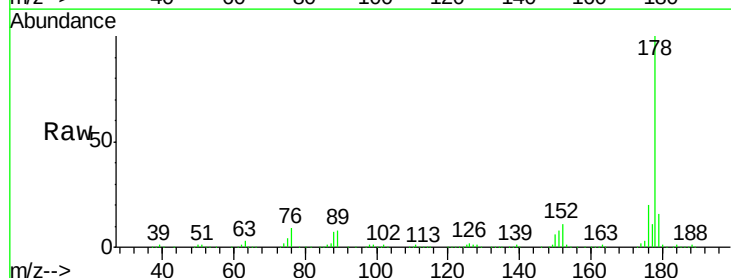


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

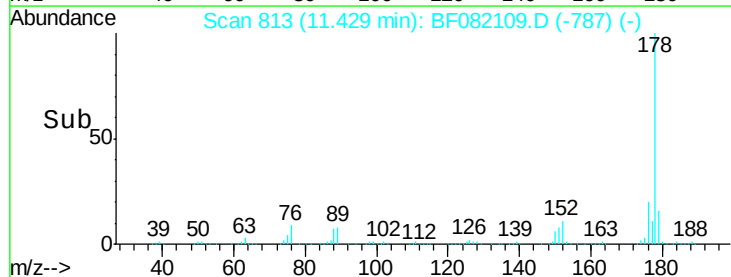
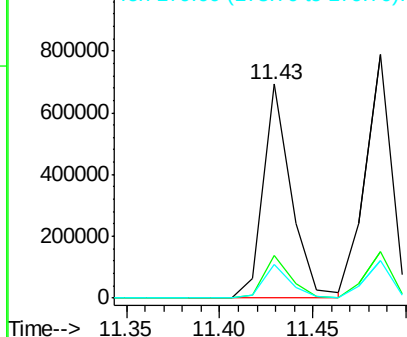


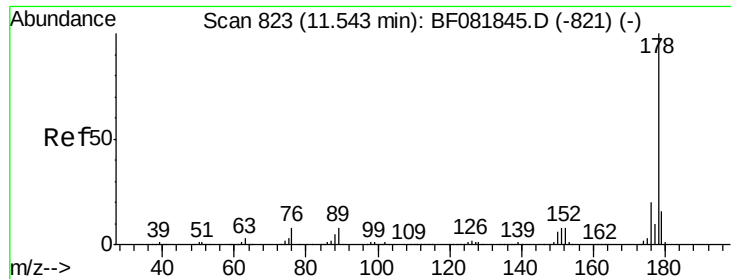
#70
 Phenanthrene
 Concen: 50.84 ng
 RT: 11.43 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

Tgt Ion:178 Resp: 713846
 Ion Ratio Lower Upper
 178 100
 176 19.8 13.8 20.8
 179 15.9 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

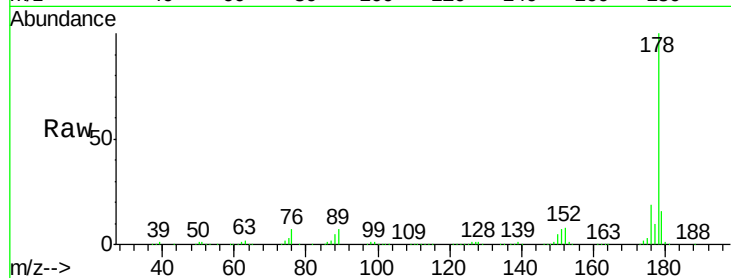




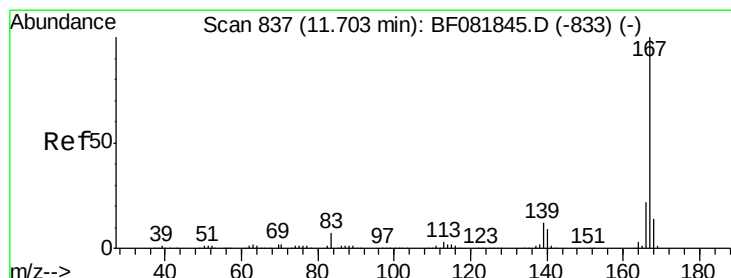
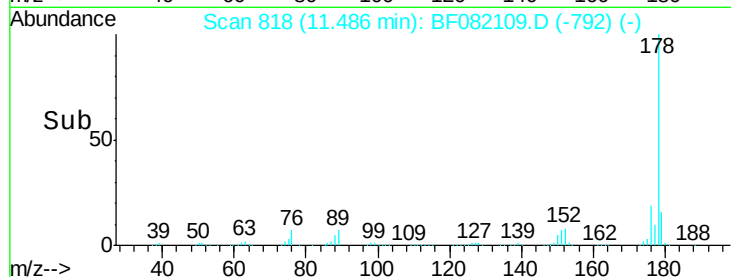
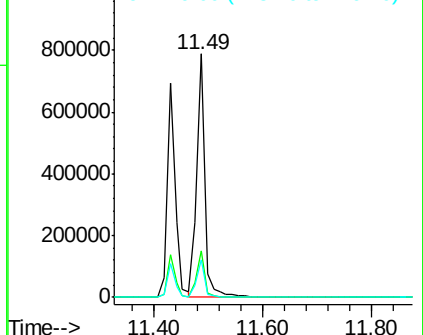
#71
 Anthracene
 Concen: 54.80 ng
 RT: 11.49 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

Instrument :
 BNA_F
 ClientSampleId :
 WC093015MS

Tgt Ion:178 Resp: 816241
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.1 21.1
 179 15.6 12.2 18.2

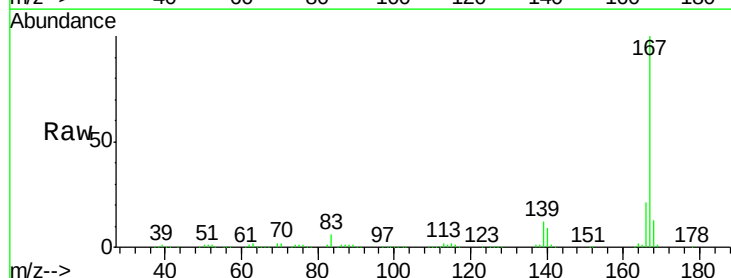


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

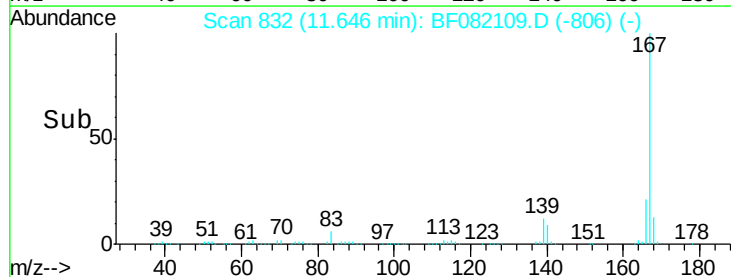
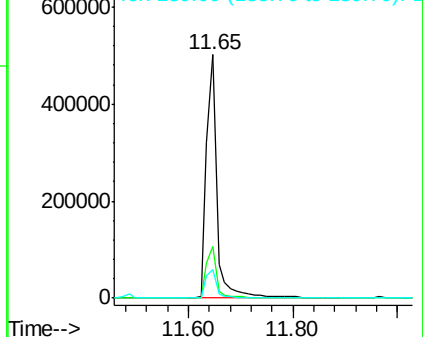


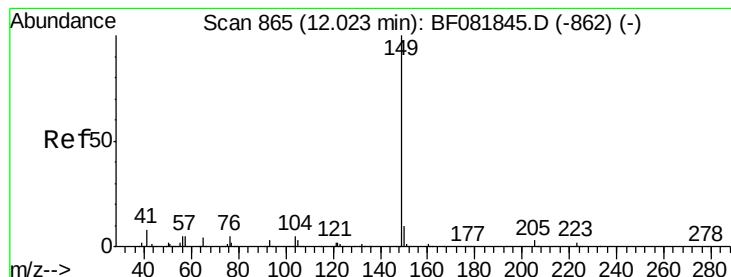
#72
 Carbazole
 Concen: 52.05 ng
 RT: 11.65 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

Tgt Ion:167 Resp: 701683
 Ion Ratio Lower Upper
 167 100
 166 21.4 15.7 23.5
 139 11.7 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 53.71 ng

RT: 11.97 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

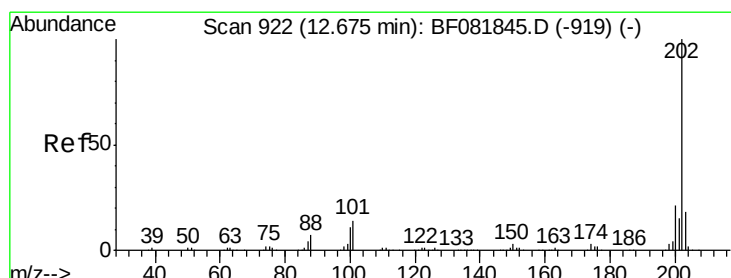
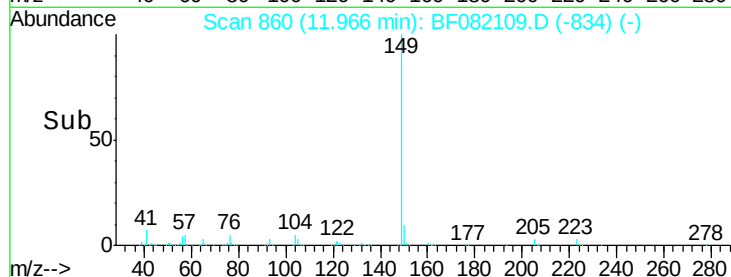
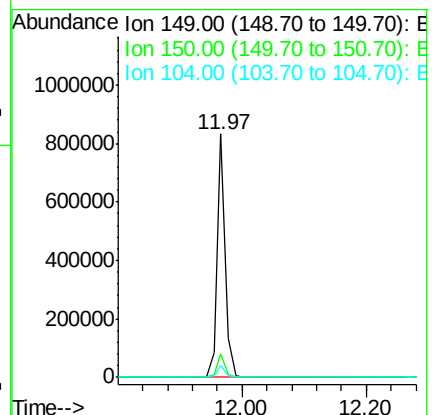
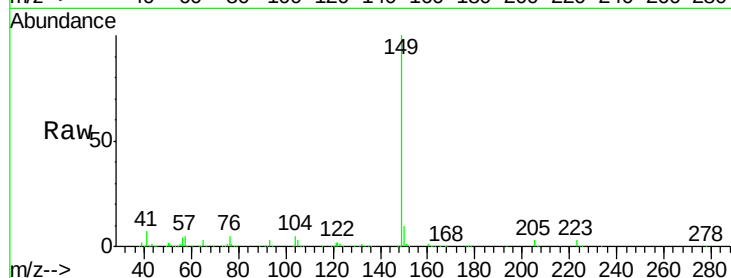
Tgt Ion:149 Resp: 733807

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

104 4.8 2.4 3.6#



#74

Fluoranthene

Concen: 49.02 ng

RT: 12.62 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

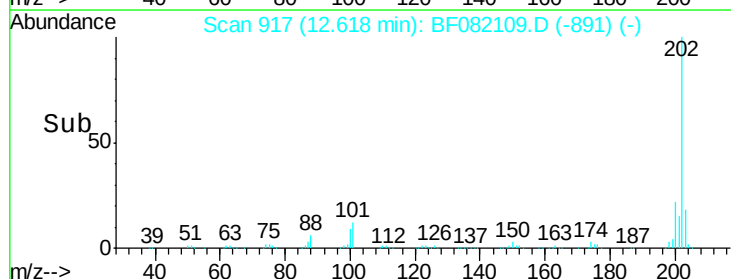
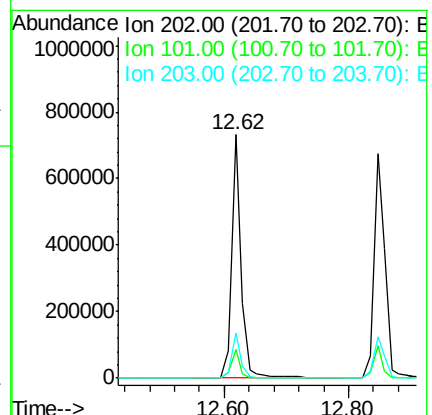
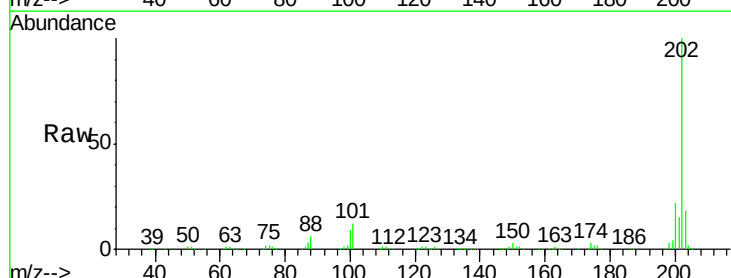
Tgt Ion:202 Resp: 769504

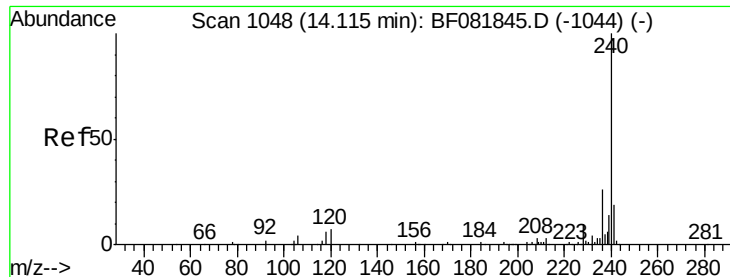
Ion Ratio Lower Upper

202 100

101 12.0 0.0 38.3

203 18.4 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

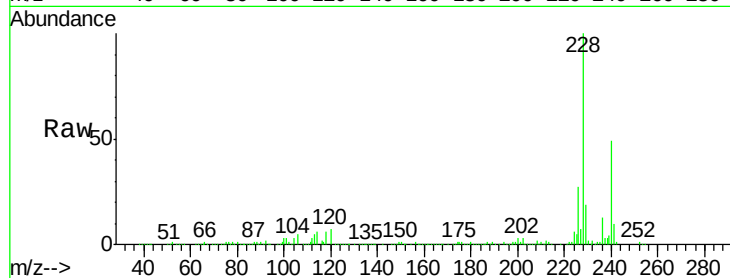
Tgt Ion:240 Resp: 256542

Ion Ratio Lower Upper

240 100

120 14.6 16.2 24.2#

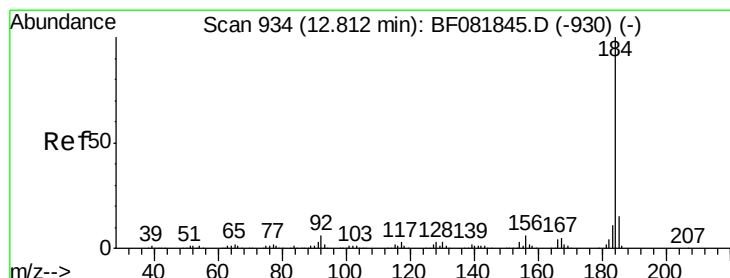
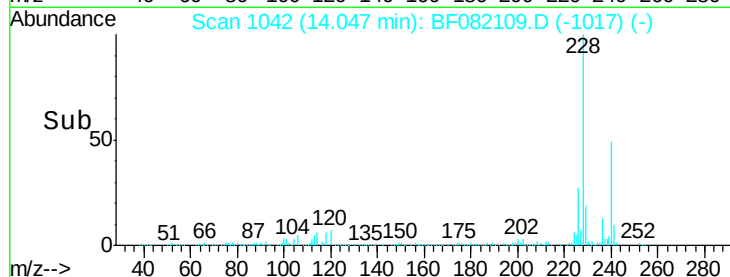
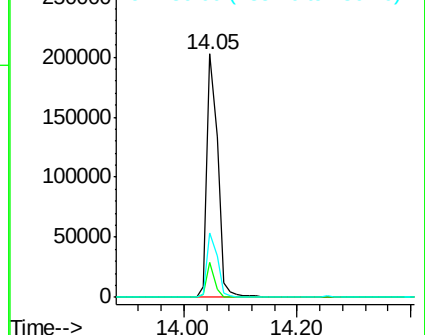
236 26.4 18.4 27.6



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



#76

Benzidine

Concen: 2.30 ng

RT: 12.77 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

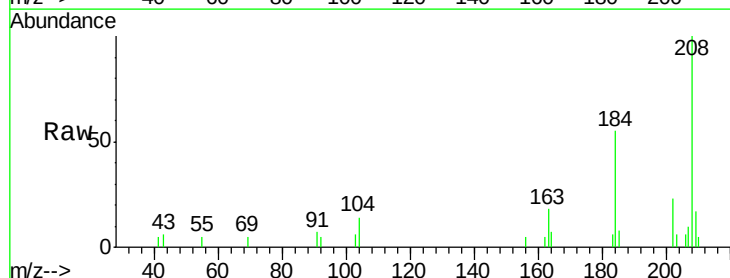
Tgt Ion:184 Resp: 17782

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

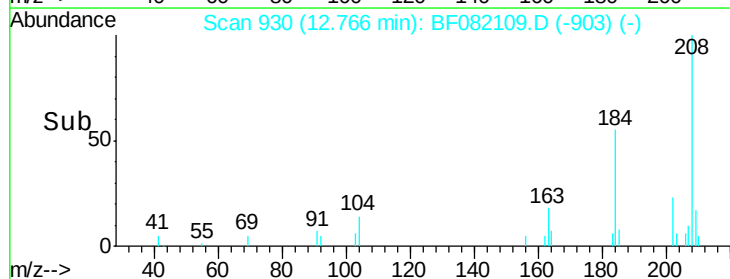
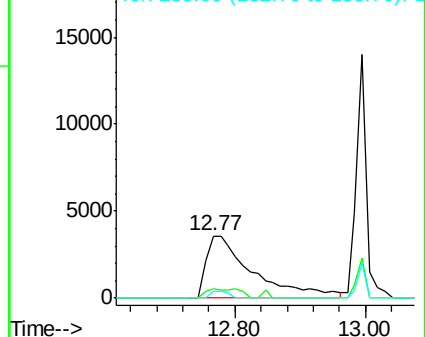
183 11.2 7.6 11.4

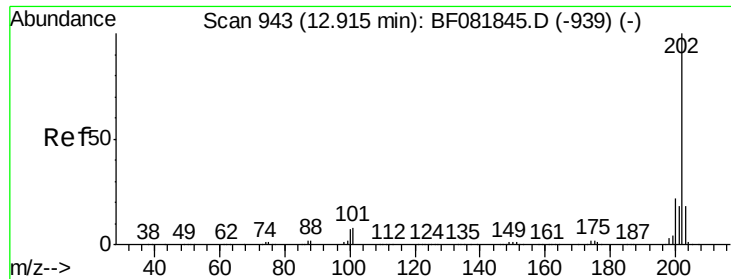


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

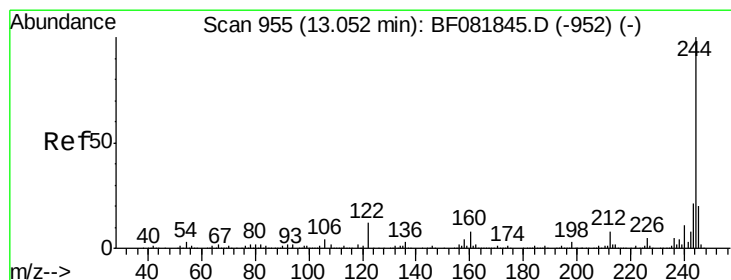
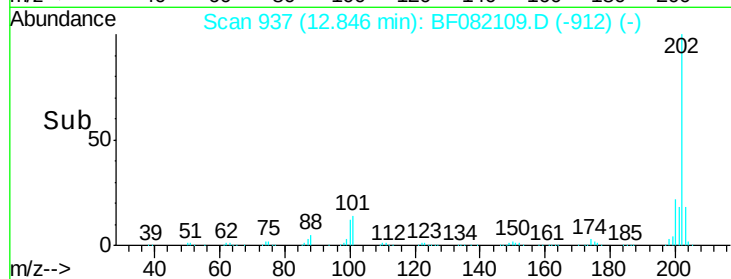
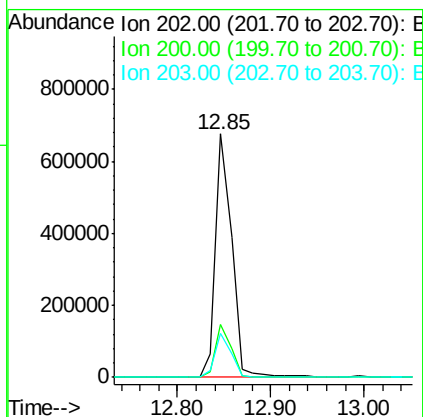
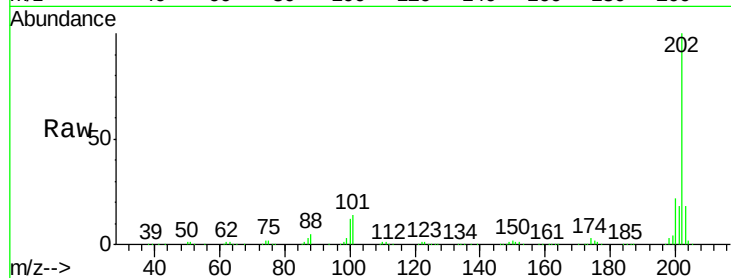




#77
 Pyrene
 Concen: 53.17 ng
 RT: 12.85 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

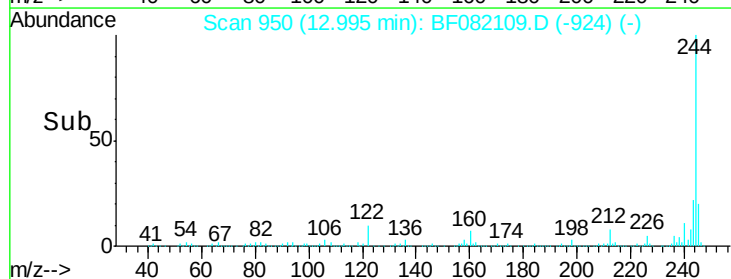
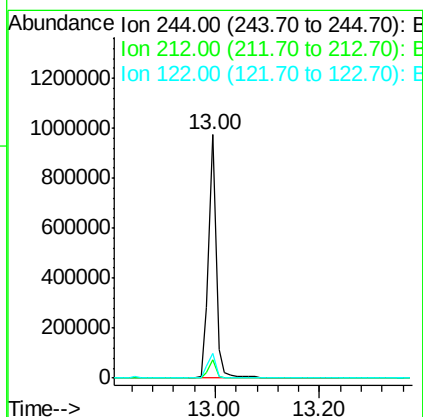
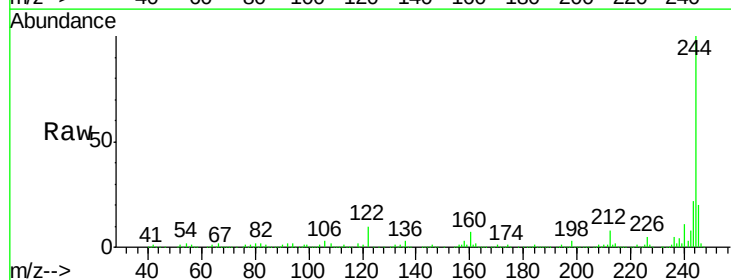
Instrument :
 BNA_F
 ClientSampleId :
 WC093015MS

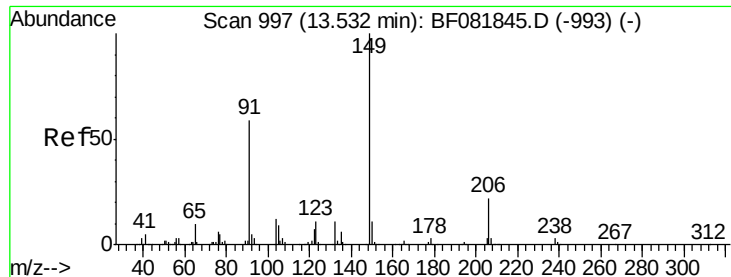
Tgt Ion:202 Resp: 814950
 Ion Ratio Lower Upper
 202 100
 200 21.9 15.0 22.4
 203 18.2 14.1 21.1



#78
 Terphenyl-d14
 Concen: 174.06 ng
 RT: 13.00 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

Tgt Ion:244 Resp: 1002266
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.3 6.5#
 122 10.3 17.4 26.2#

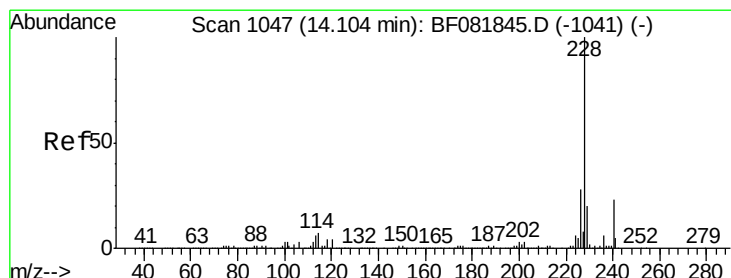
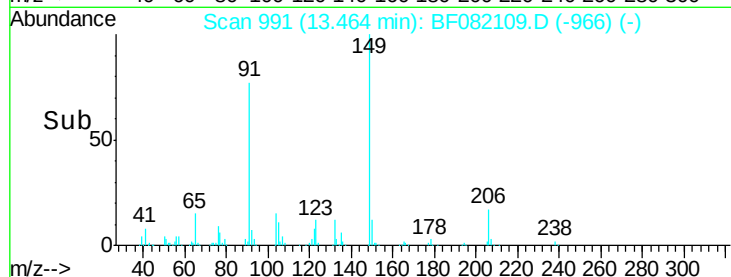
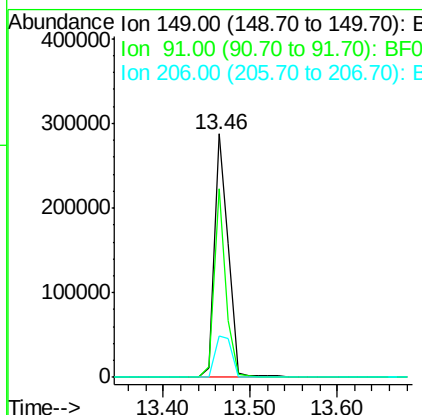
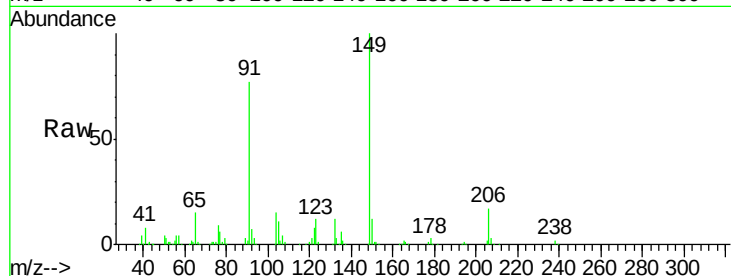




#79
Butylbenzylphthalate
Concen: 55.97 ng
RT: 13.46 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF082109.D
Acq: 7 Oct 2015 17:31

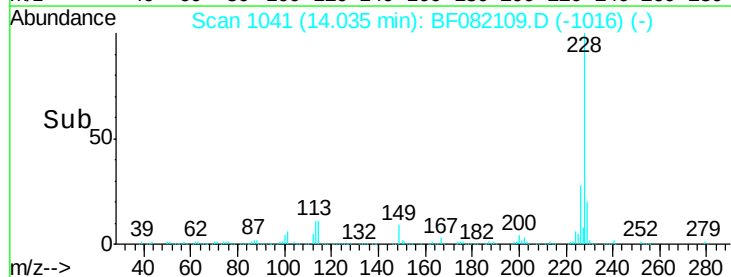
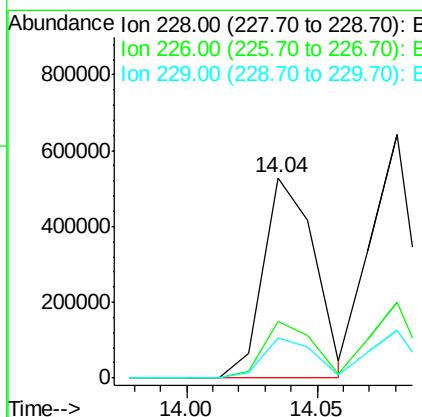
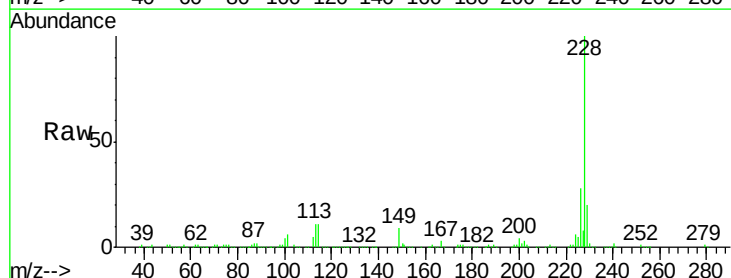
Instrument :
BNA_F
ClientSampleId :
WC093015MS

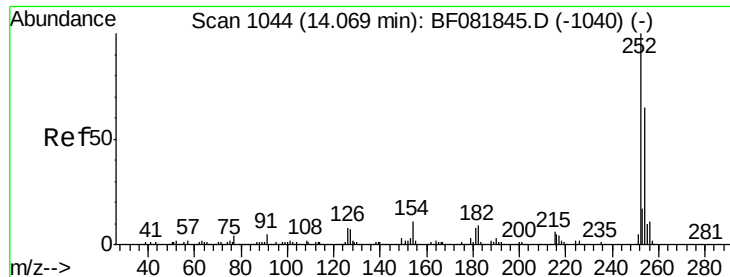
Tgt Ion:149 Resp: 322751
Ion Ratio Lower Upper
149 100
91 77.5 48.6 72.8#
206 16.8 14.9 22.3



#80
Benzo(a)anthracene
Concen: 52.31 ng
RT: 14.04 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF082109.D
Acq: 7 Oct 2015 17:31

Tgt Ion:228 Resp: 722581
Ion Ratio Lower Upper
228 100
226 28.2 20.0 30.0
229 20.3 15.4 23.2

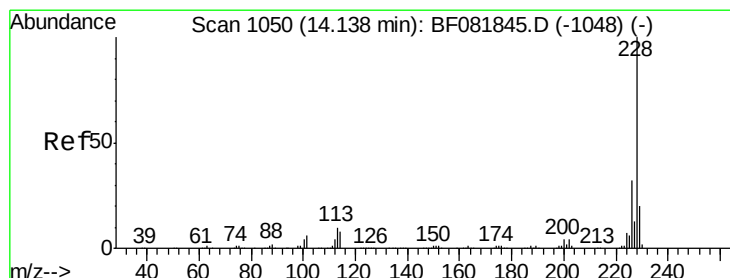
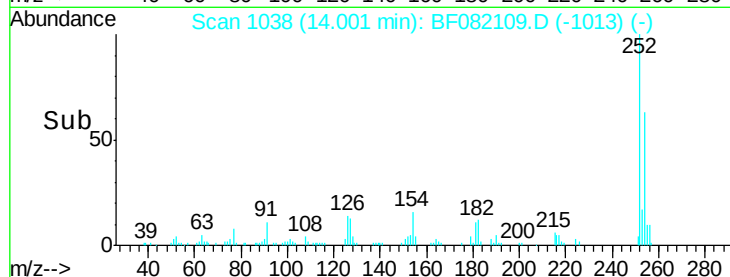
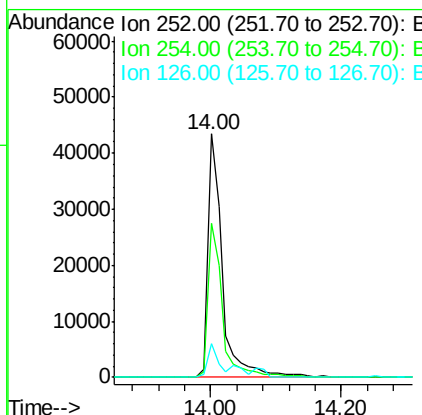
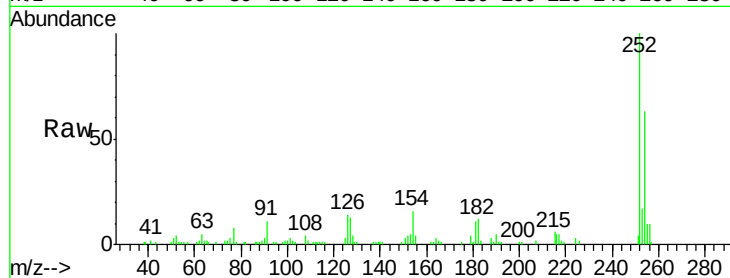




#81
 3,3'-Dichlorobenzidine
 Concen: 14.36 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

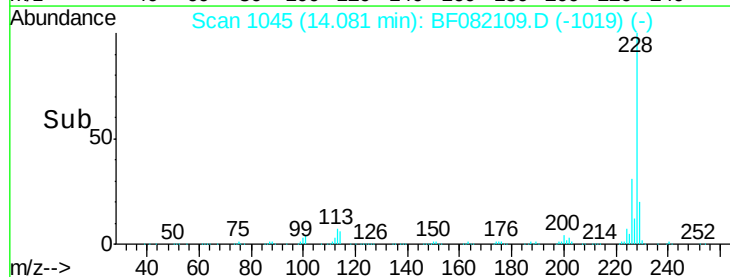
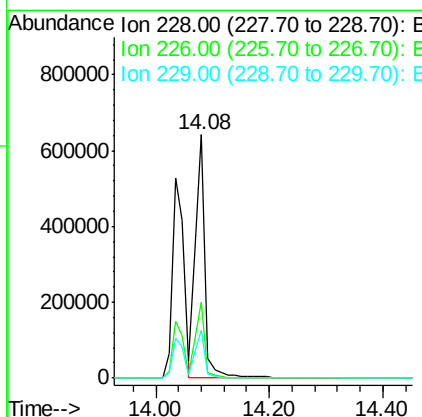
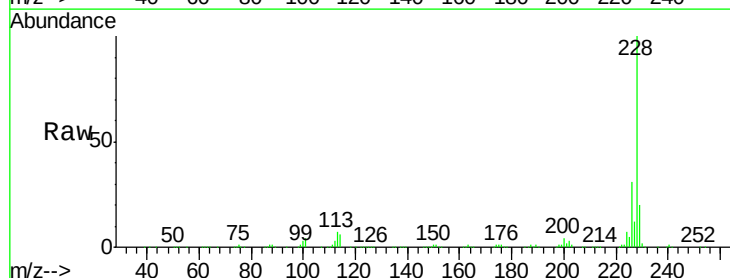
Instrument :
 BNA_F
 ClientSampleId :
 WC093015MS

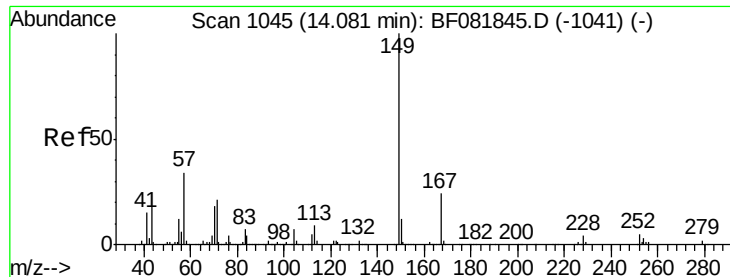
Tgt Ion: 252 Resp: 66979
 Ion Ratio Lower Upper
 252 100
 254 63.1 51.4 77.2
 126 13.8 16.4 24.6#



#82
 Chrysene
 Concen: Below Cal
 RT: 14.08 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF082109.D
 Acq: 7 Oct 2015 17:31

Tgt Ion: 228 Resp: 760018
 Ion Ratio Lower Upper
 228 100
 226 30.9 21.0 31.4
 229 19.8 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 61.28 ng

RT: 14.02 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

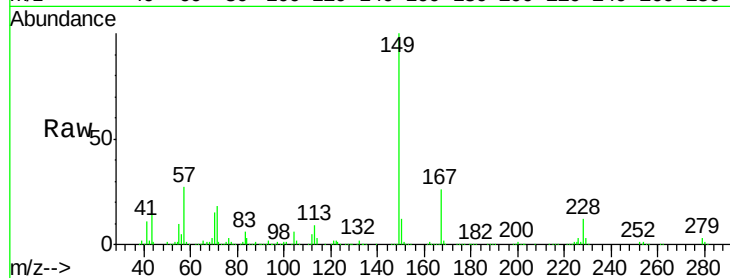
Tgt Ion:149 Resp: 443296

Ion Ratio Lower Upper

149 100

167 26.4 24.2 36.2

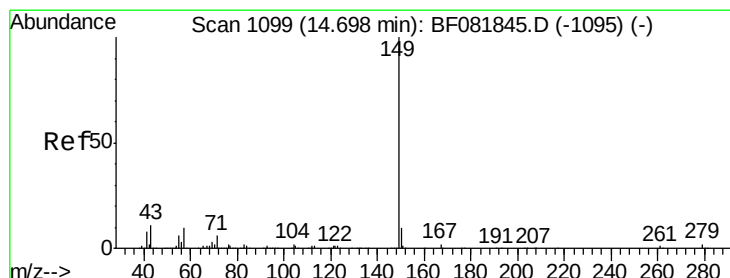
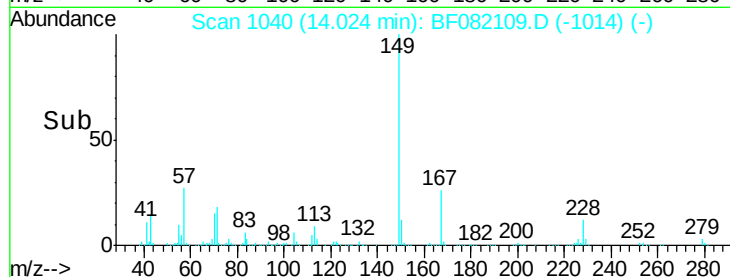
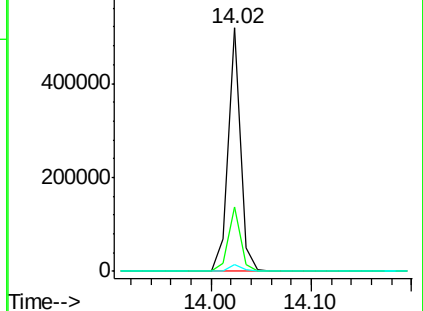
279 2.8 3.8 5.6#



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: 58.06 ng

RT: 14.64 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

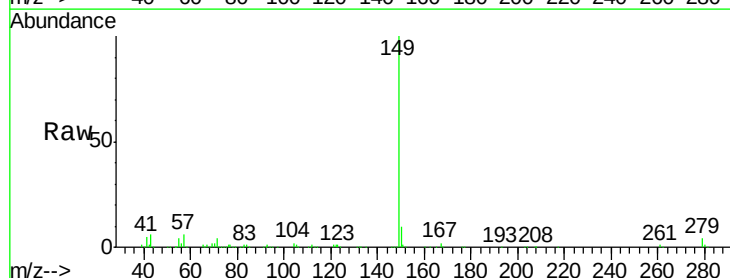
Tgt Ion:149 Resp: 683528

Ion Ratio Lower Upper

149 100

167 1.6 1.0 1.6#

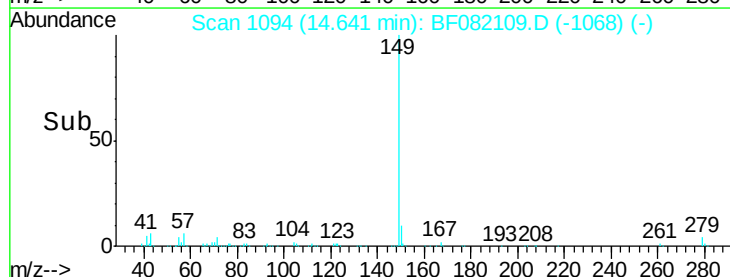
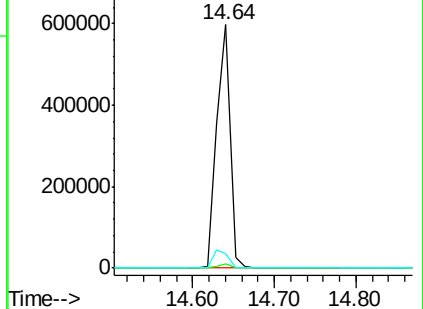
43 8.6 10.2 15.2#

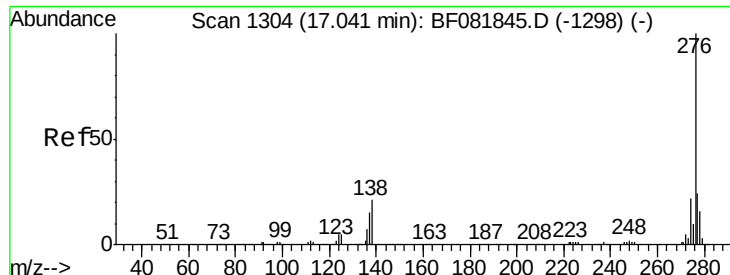


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

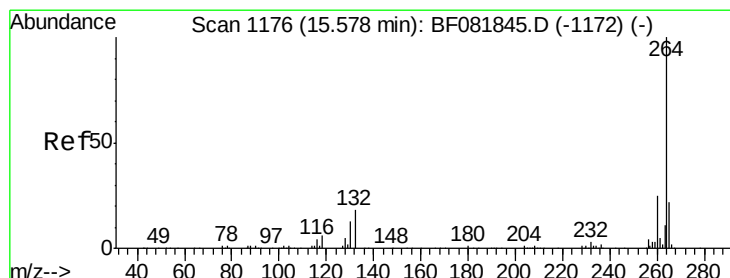
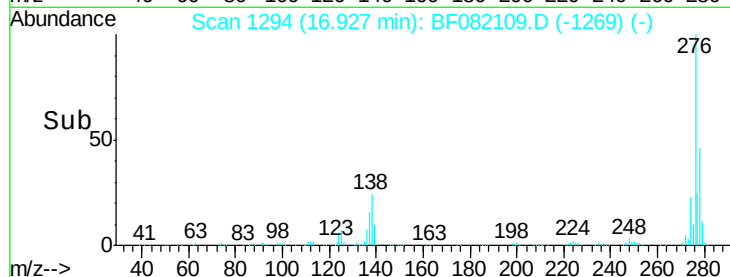
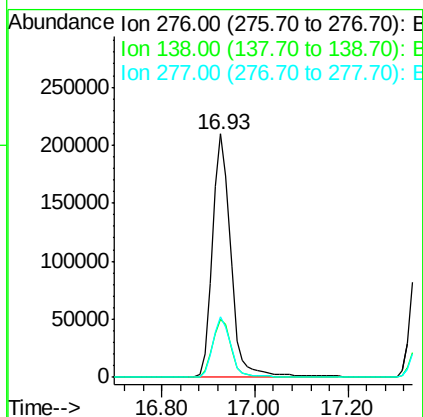
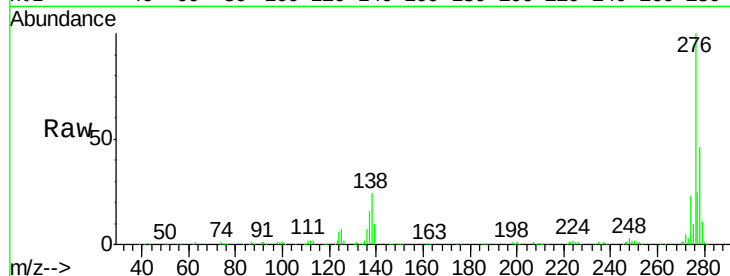




#85
Indeno(1,2,3-cd)pyrene
Concen: 53.63 ng
RT: 16.93 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF082109.D
Acq: 7 Oct 2015 17:31

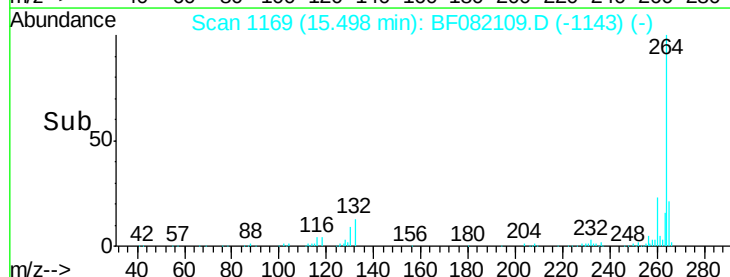
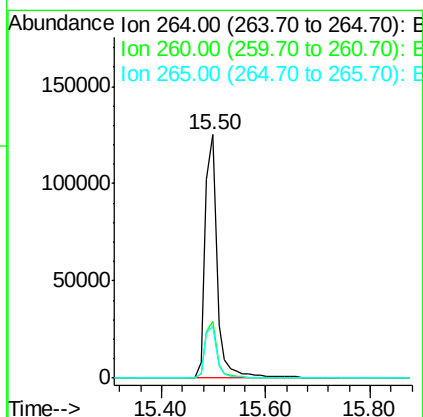
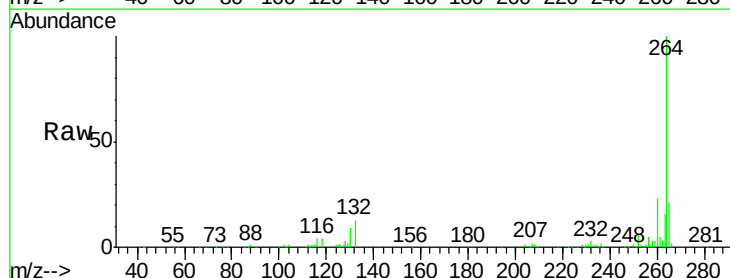
Instrument :
BNA_F
ClientSampleId :
WC093015MS

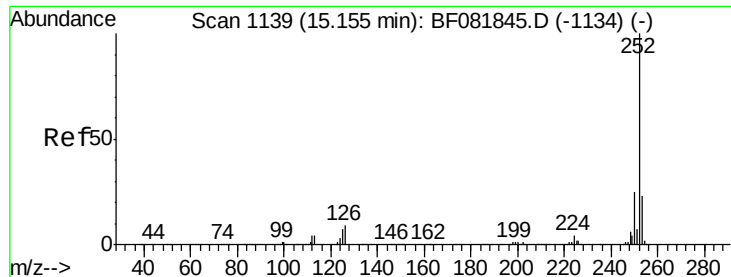
Tgt Ion:	276	Resp:	579525
Ion	Ratio	Lower	Upper
276	100		
138	24.3	25.7	38.5#
277	24.6	15.6	23.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF082109.D
Acq: 7 Oct 2015 17:31

Tgt Ion:	264	Resp:	202181
Ion	Ratio	Lower	Upper
264	100		
260	23.3	16.7	25.1
265	21.3	17.2	25.8

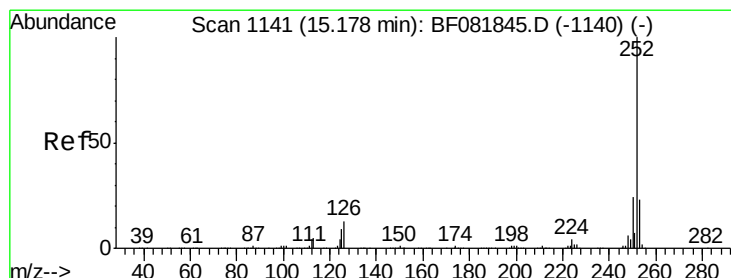
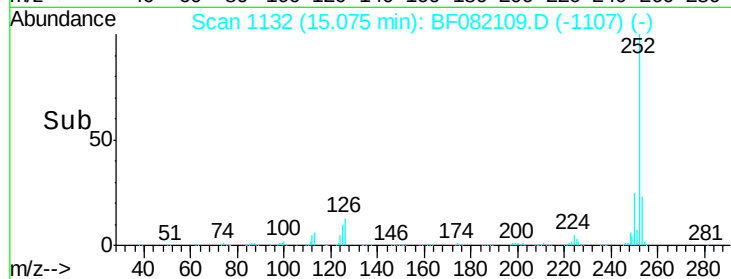
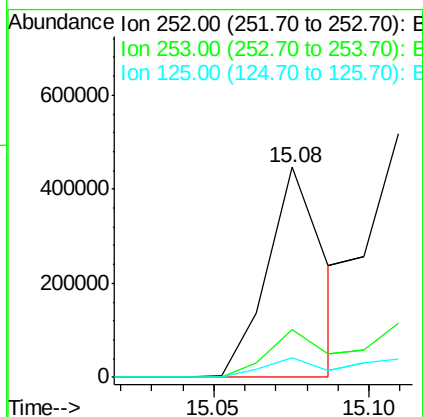
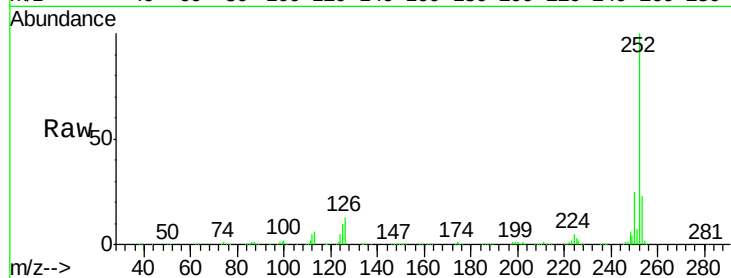




#87
Benzo(b)fluoranthene
Concen: 49.09 ng m
RT: 15.08 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF082109.D
Acq: 7 Oct 2015 17:31

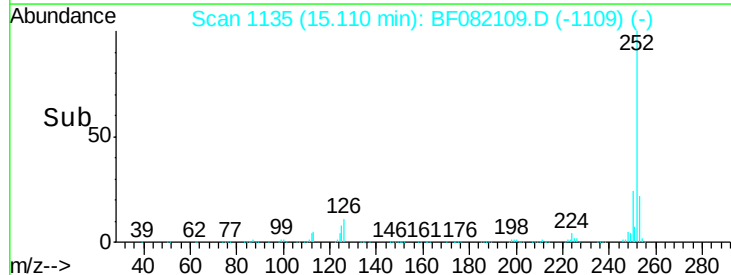
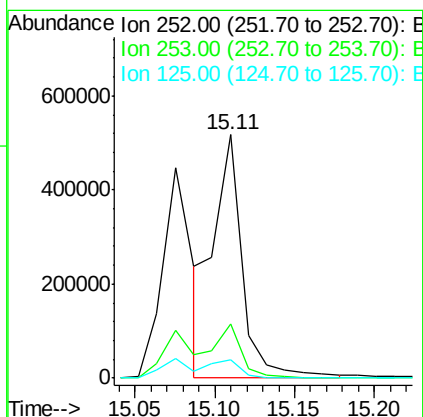
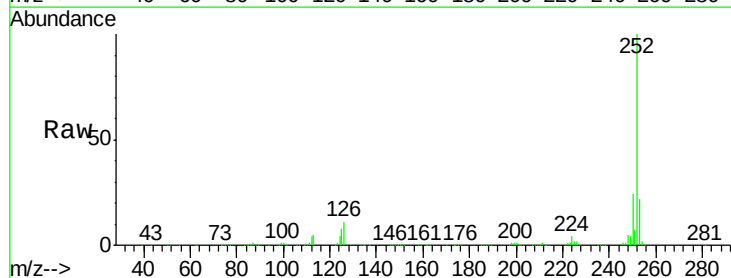
Instrument :
BNA_F
ClientSampleId :
WC093015MS

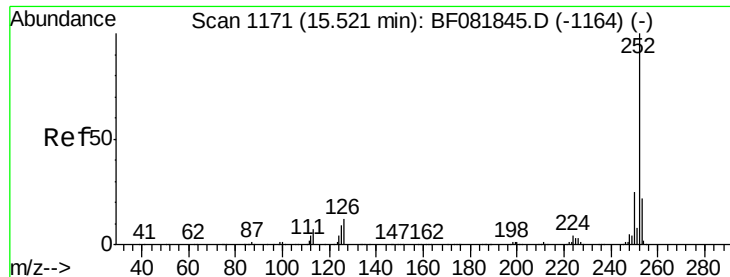
Tgt Ion:252 Resp: 566684
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 9.6 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 60.46 ng m
RT: 15.11 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF082109.D
Acq: 7 Oct 2015 17:31

Tgt Ion:252 Resp: 639680
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 7.7 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 56.67 ng

RT: 15.44 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS

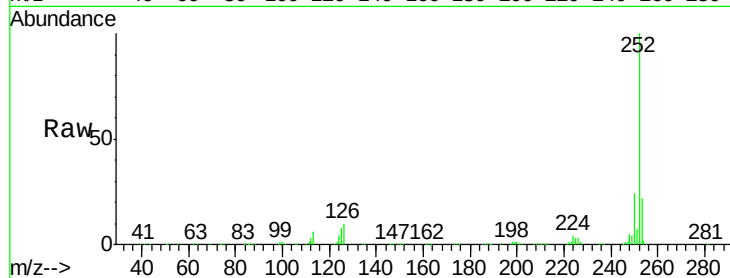
Tgt Ion:252 Resp: 567443

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

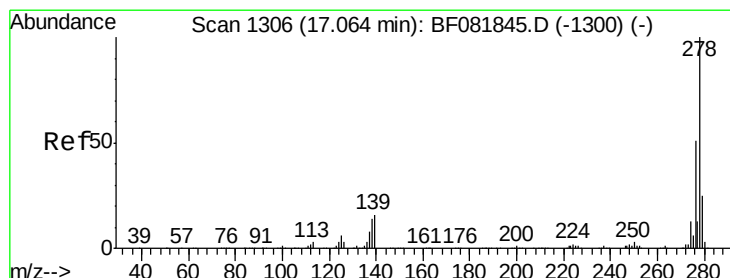
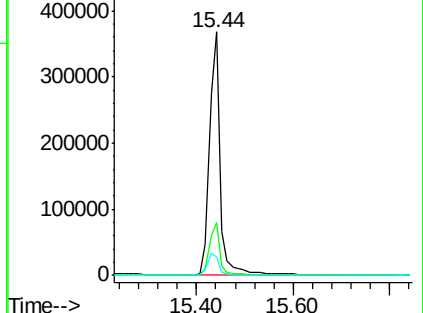
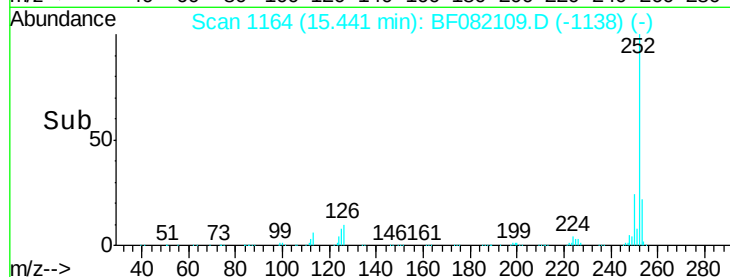
125 7.7 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 57.03 ng

RT: 16.94 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF082109.D

Acq: 7 Oct 2015 17:31

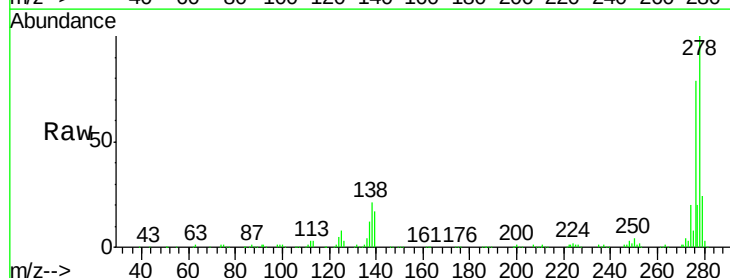
Tgt Ion:278 Resp: 479077

Ion Ratio Lower Upper

278 100

139 17.3 26.3 39.5#

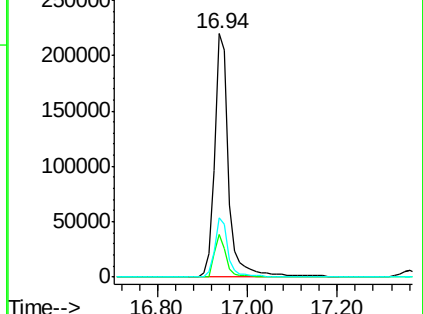
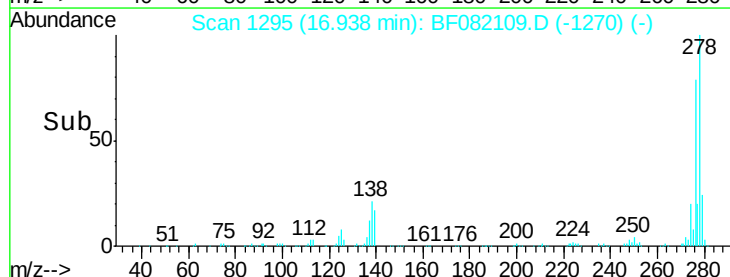
279 24.4 18.2 27.4

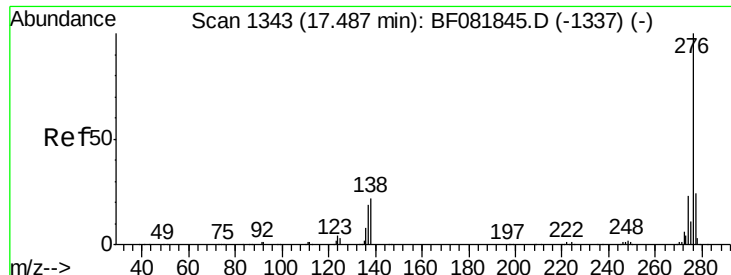


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 56.26 ng

RT: 17.36 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF082109.D

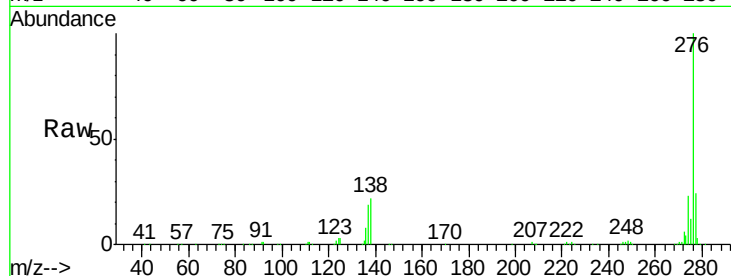
Acq: 7 Oct 2015 17:31

Instrument :

BNA_F

ClientSampleId :

WC093015MS



Tgt Ion:	276	Resp:	484373
Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.8	26.6
138	21.7	34.6	51.8#

