

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086075.D
 Acq On : 5 Apr 2016 10:11
 Operator : UM/SJ
 Sample : H2104-07MSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Quant Time: Apr 05 11:31:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	120505	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	456306	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	192777	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	297946	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	213431	20.00	ng	-0.01
86) Perylene-d12	15.32	264	162627	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	820967	116.45	ng	0.01
7) Phenol-d6	6.42	99	983550	109.84	ng	0.00
23) Nitrobenzene-d5	7.33	82	640880	82.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	199582	110.30	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1092996	94.27	ng	-0.01
78) Terphenyl-d14	12.87	244	765079	84.26	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	128200	38.36	ng	# 86
3) Pyridine	3.15	79	231559	30.95	ng	99
4) n-Nitrosodimethylamine	3.08	42	144154	43.81	ng	98
6) Aniline	6.43	93	122860	10.46	ng	# 1
8) 2-Chlorophenol	6.56	128	341661	40.64	ng	98
9) Benzaldehyde	6.32	77	76264	15.83	ng	93
10) Phenol	6.43	94	401818	39.34	ng	97
11) bis(2-Chloroethyl)ether	6.51	93	336658	41.62	ng	97
12) 1,3-Dichlorobenzene	6.78	146	355904	39.94	ng	98
13) 1,4-Dichlorobenzene	6.78	146	355904	38.77	ng	93
14) 1,2-Dichlorobenzene	6.93	146	334021	39.53	ng	98
15) Benzyl Alcohol	6.92	79	239906	41.41	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	375958	38.05	ng	68
17) 2-Methylphenol	7.04	107	271624	40.98	ng	95
18) Hexachloroethane	7.26	117	104800	31.04	ng	# 77
19) n-Nitroso-di-n-propylamine	7.18	70	224314	40.41	ng	93
20) 3+4-Methylphenols	7.20	107	350462	43.47	ng	# 62
22) Acetophenone	7.18	105	478525	44.61	ng	# 89
24) Nitrobenzene	7.36	77	382126	45.14	ng	91
25) Isophorone	7.60	82	668367	43.76	ng	95
26) 2-Nitrophenol	7.68	139	153767	37.97	ng	# 87
27) 2,4-Dimethylphenol	7.72	122	312114	42.91	ng	95
28) bis(2-Chloroethoxy)methane	7.80	93	382221	42.65	ng	98
29) 2,4-Dichlorophenol	7.92	162	264903	43.07	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	294299	42.63	ng	94
31) Naphthalene	8.08	128	1056545	46.03	ng	99
32) Benzoic acid	7.86	122	149693	28.05	ng	99
33) 4-Chloroaniline	8.13	127	71799	7.74	ng	# 96
34) Hexachlorobutadiene	8.19	225	152348	41.05	ng	99
35) Caprolactam	8.50	113	70173	35.97	ng	91
36) 4-Chloro-3-methylphenol	8.62	107	284261	41.12	ng	98
37) 2-Methylnaphthalene	8.76	142	613866	40.94	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	261031	45.05	ng	99
40) Hexachlorocyclopentadiene	8.91	237	25268	20.44	ng	97

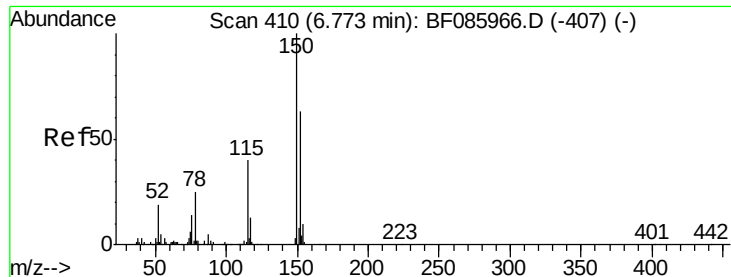
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	168919	45.40	nq	99
43) 2,4,5-Trichlorophenol	9.09	196	167296	44.29	nq	# 78
45) 1,1'-Biphenyl	9.23	154	724439	43.58	nq	95
46) 2-Chloronaphthalene	9.25	162	551975	45.81	nq	96
47) 2-Nitroaniline	9.36	65	176404	50.04	nq	99
48) Acenaphthylene	9.66	152	828780	42.94	nq	99
49) Dimethylphthalate	9.53	163	638740	44.70	nq	99
50) 2,6-Dinitrotoluene	9.60	165	118288	39.13	nq	99
51) Acenaphthene	9.84	154	497624	43.35	nq	99
52) 3-Nitroaniline	9.77	138	97274	26.70	nq	93
53) 2,4-Dinitrophenol	9.89	184	21940	19.10	nq	# 78
54) Dibenzofuran	10.01	168	678435	44.75	nq	99
55) 4-Nitrophenol	9.95	139	145094	67.55	nq	100
56) 2,4-Dinitrotoluene	10.01	165	148720	38.93	nq	# 68
57) Fluorene	10.35	166	540057	41.70	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	127576	45.36	nq	# 95
59) Diethylphthalate	10.22	149	674660	46.78	nq	97
60) 4-Chlorophenyl-phenylether	10.34	204	240782	39.92	nq	98
61) 4-Nitroaniline	10.38	138	148147	41.29	nq	96
62) Azobenzene	10.50	77	603907	43.72	nq	97
64) 4,6-Dinitro-2-methylphenol	10.42	198	19326	10.70	nq	# 79
65) n-Nitrosodiphenylamine	10.46	169	463112	49.70	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	152951	50.28	nq	99
67) Hexachlorobenzene	10.90	284	147008	46.73	nq	# 88
68) Atrazine	10.99	200	94676	31.45	nq	97
69) Pentachlorophenol	11.10	266	126524	85.82	nq	99
70) Phenanthrene	11.31	178	727784	44.78	nq	100
71) Anthracene	11.36	178	679340	39.90	nq	99
72) Carbazole	11.52	167	567552	38.78	nq	99
73) Di-n-butylphthalate	11.85	149	865963	47.75	nq	99
74) Fluoranthene	12.50	202	642134	37.98	nq	89
76) Benzidine	12.63	184	99311	13.19	nq	97
77) Pyrene	12.72	202	612524	40.73	nq	99
79) Butylbenzylphthalate	13.33	149	314497	46.44	nq	# 65
80) Benzo(a)anthracene	13.91	228	497844	39.57	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	85075	9.26	nq	98
82) Chrysene	13.95	228	480486	39.65	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	421452	46.89	nq	99
84) Di-n-octyl phthalate	14.51	149	728268	50.74	nq	100
85) Indeno(1,2,3-cd)pyrene	16.68	276	372318	37.87	nq	99
87) Benzo(b)fluoranthene	14.96	252	888794	86.88	nq	# 96
88) Benzo(k)fluoranthene	14.96	252	888794	98.11	nq	99
89) Benzo(a)pyrene	15.27	252	402517	44.41	nq	99
90) Dibenzo(a,h)anthracene	16.68	278	323584	44.37	nq	98
91) Benzo(g,h,i)perylene	17.08	276	298734	42.33	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

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WC-1MSD

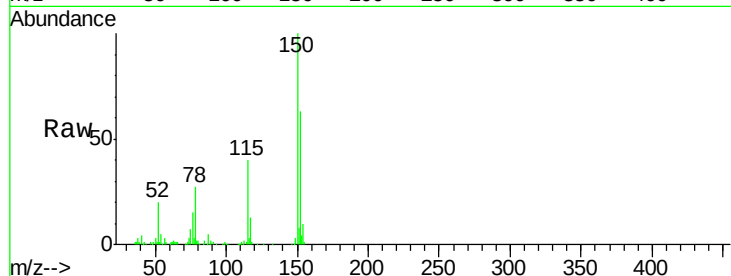
Tot Ion:152 Resp: 120505

Ion Ratio Lower Upper

152 100

150 157.8 124.2 186.2

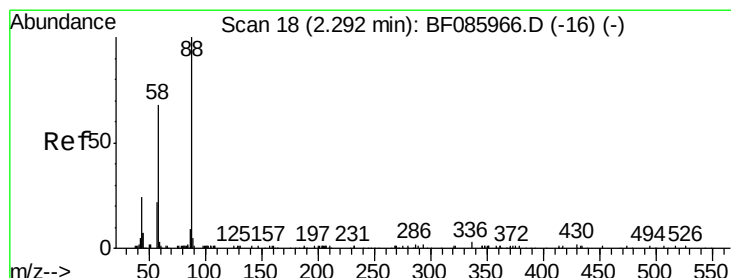
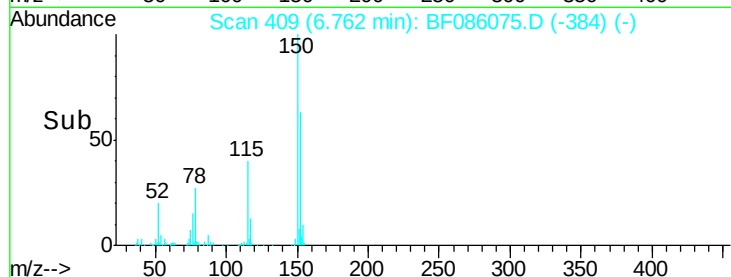
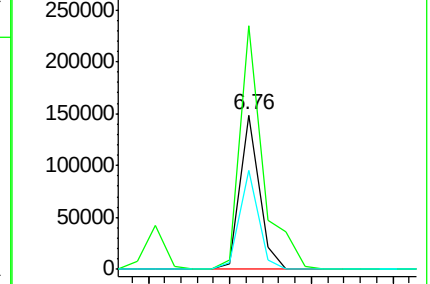
115 63.9 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.36 ng

RT: 2.48 min Scan# 34

Delta R.T. 0.18 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

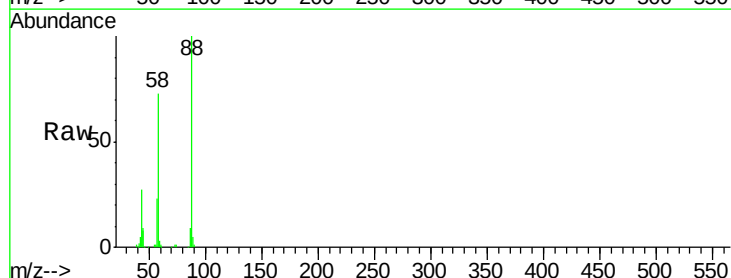
Tgt Ion: 88 Resp: 128200

Ion Ratio Lower Upper

88 100

58 69.0 54.2 81.2

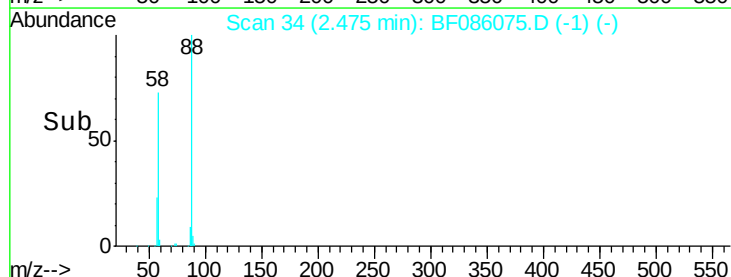
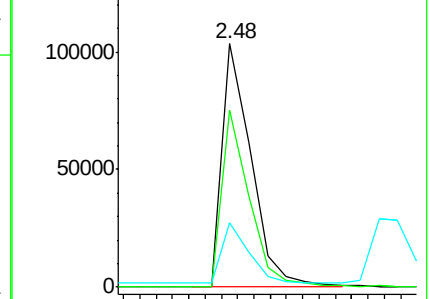
43 0.0 19.3 28.9#

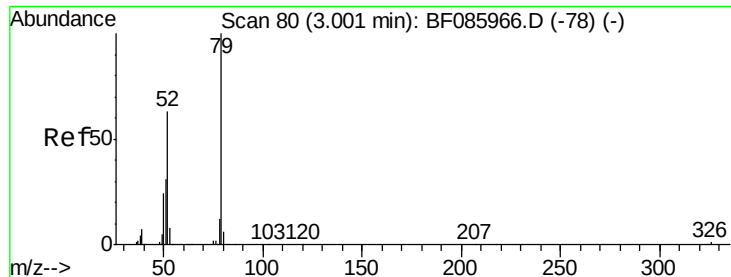


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 30.95 ng

RT: 3.15 min Scan# 93

Delta R.T. 0.15 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

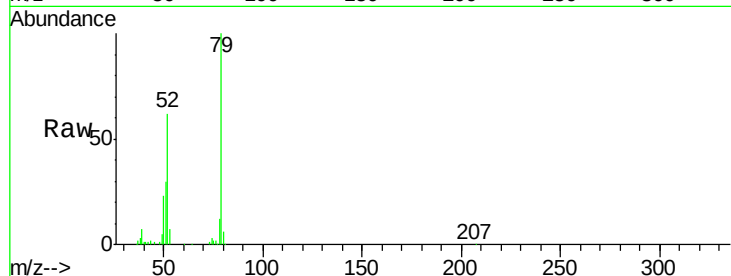
Tot Ion: 79 Resp: 231559

Ion Ratio Lower Upper

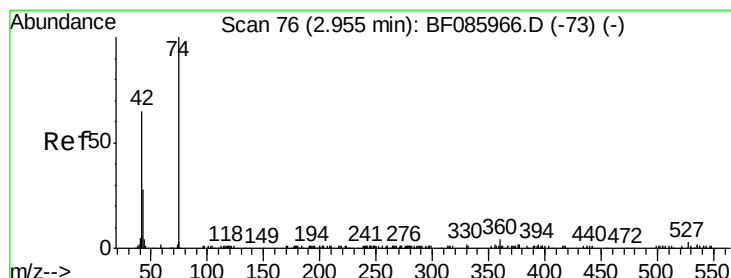
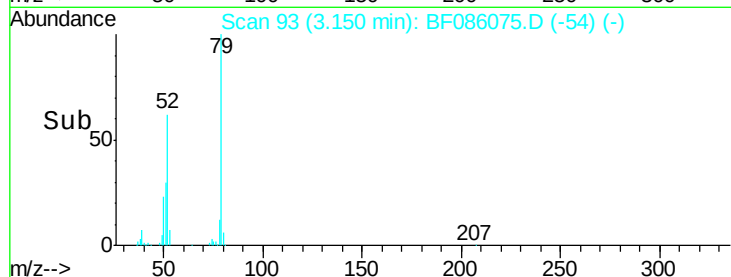
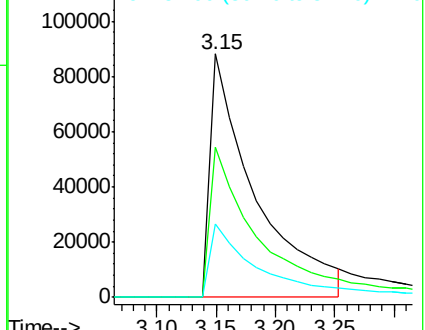
79 100

52 61.6 49.8 74.6

51 30.3 24.7 37.1



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



#4

n-Nitrosodimethylamine

Concen: 43.81 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.13 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

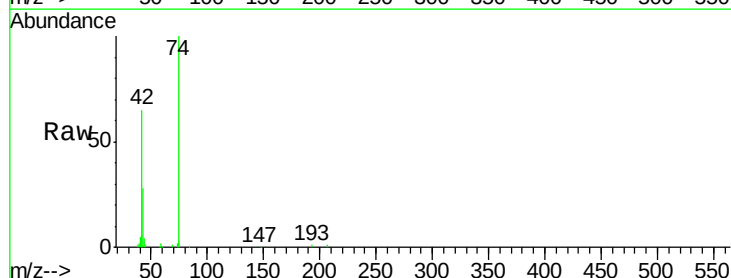
Tgt Ion: 42 Resp: 144154

Ion Ratio Lower Upper

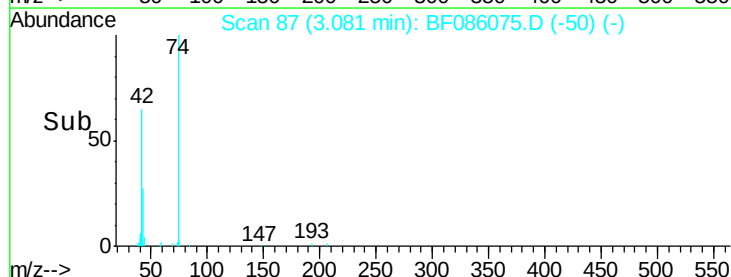
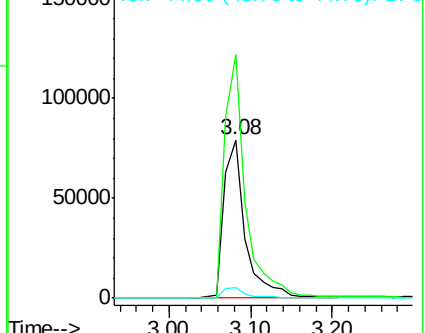
42 100

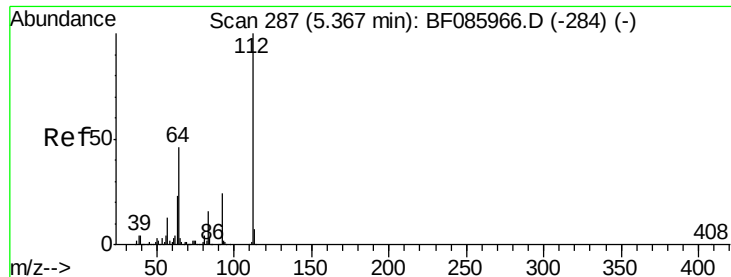
74 153.9 121.4 182.2

44 6.6 5.6 8.4



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





#5

2-Fluorophenol

Concen: 116.45 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

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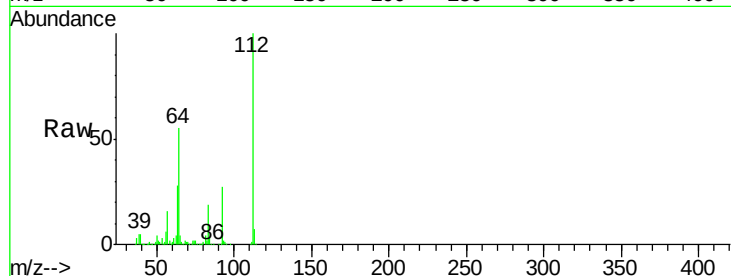
Tot Ion: 112 Resp: 820967

Ion Ratio Lower Upper

112 100

64 54.6 39.9 59.9

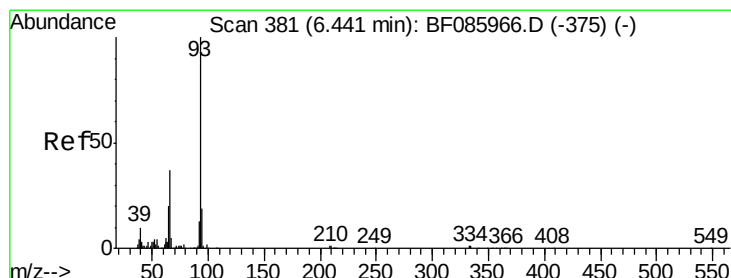
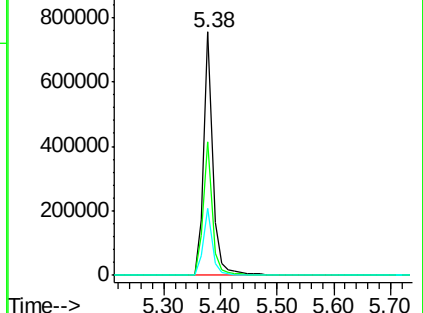
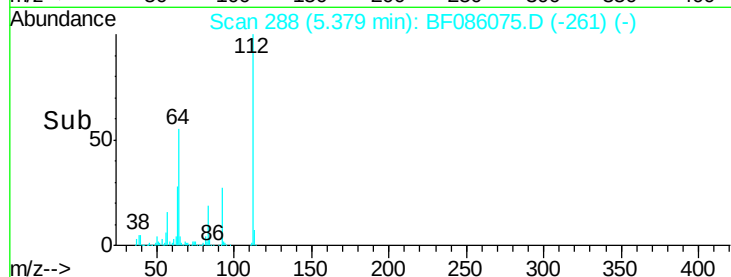
63 27.7 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.46 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

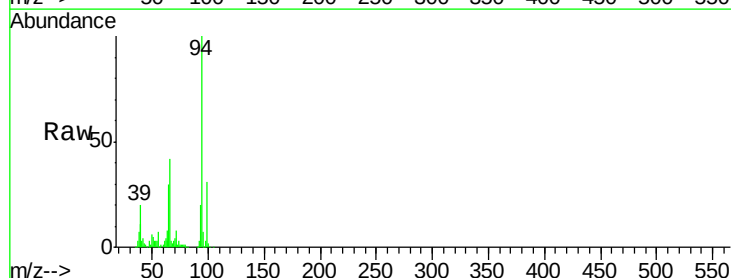
Tgt Ion: 93 Resp: 122860

Ion Ratio Lower Upper

93 100

66 214.2 31.4 47.2#

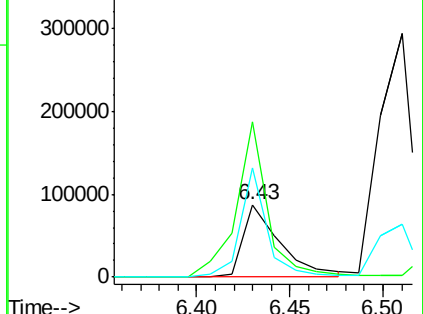
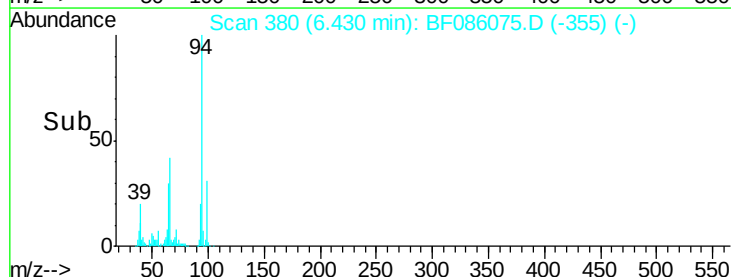
65 150.0 15.7 23.5#

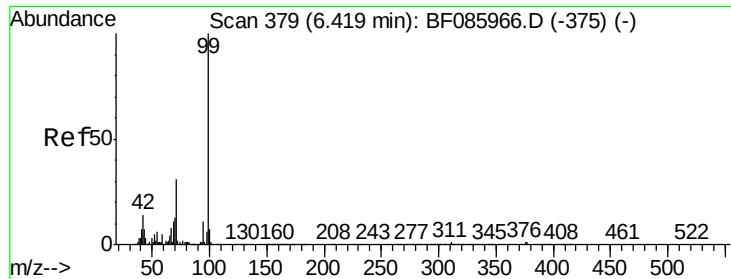


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.84 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086075.D

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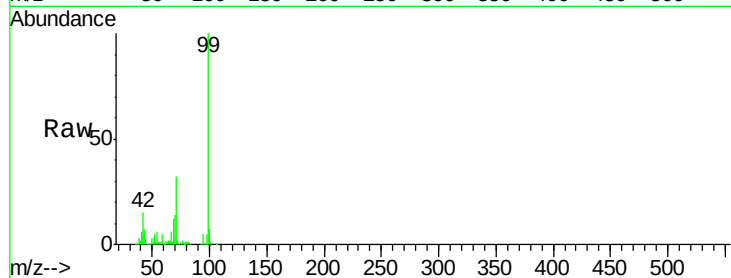
Tot Ion: 99 Resp: 983550

Ion Ratio Lower Upper

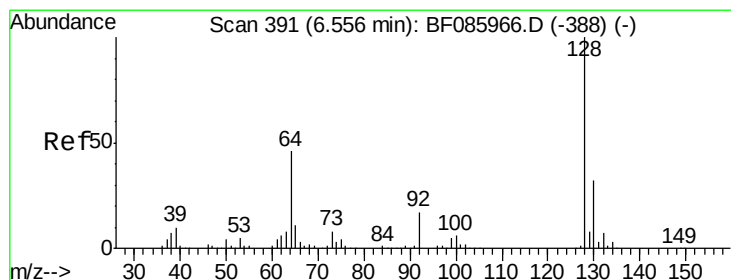
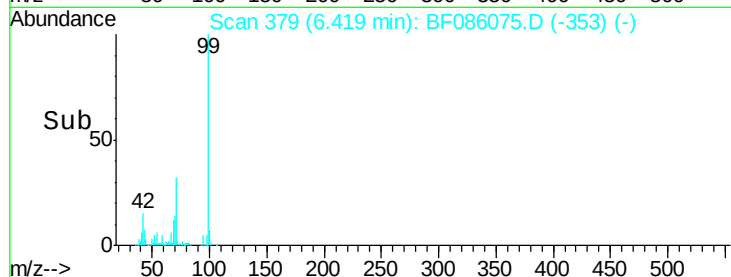
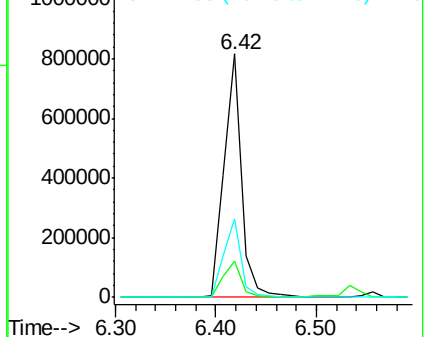
99 100

42 14.8 11.1 16.7

71 32.1 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.64 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

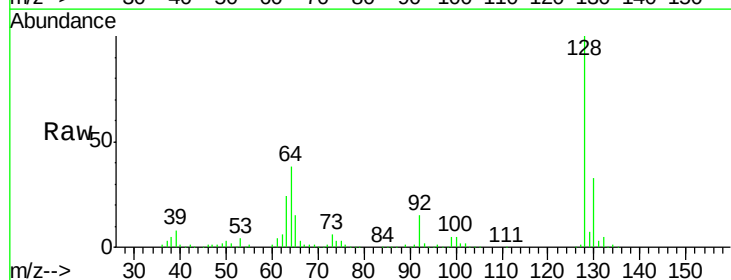
Tgt Ion: 128 Resp: 341661

Ion Ratio Lower Upper

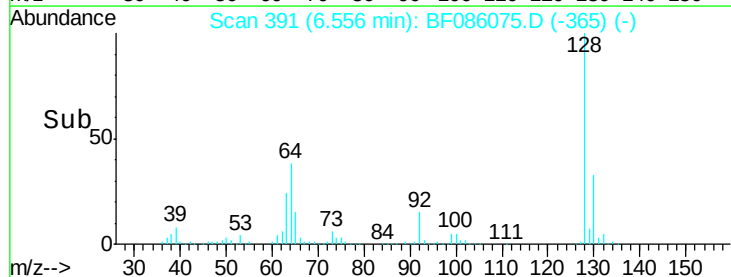
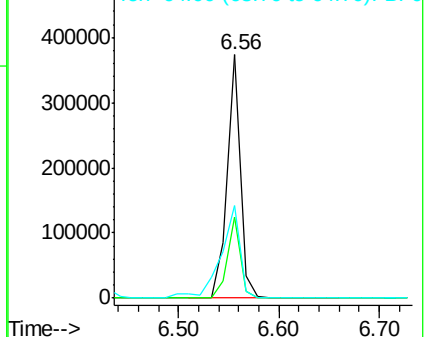
128 100

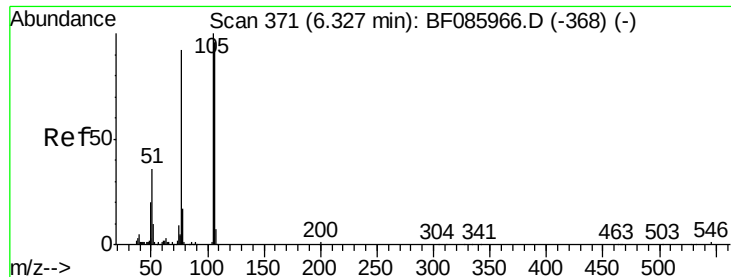
130 33.3 12.9 52.9

64 38.1 20.2 60.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.83 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

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ClientSampleId :

WC-1MSD

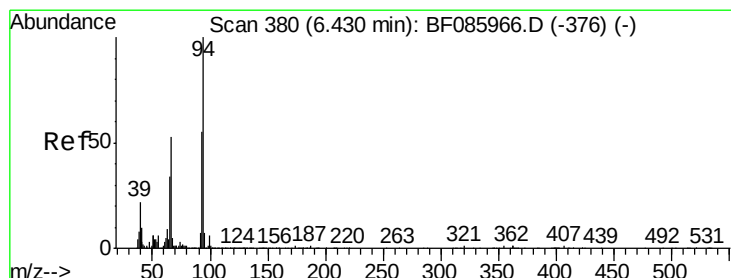
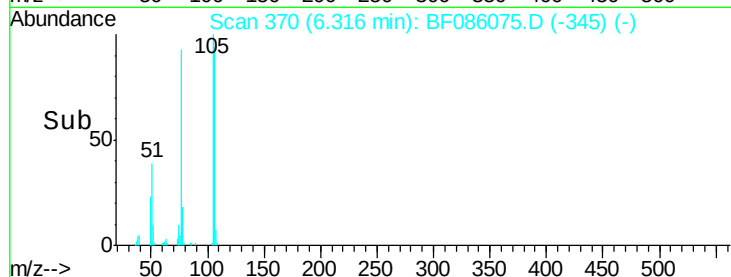
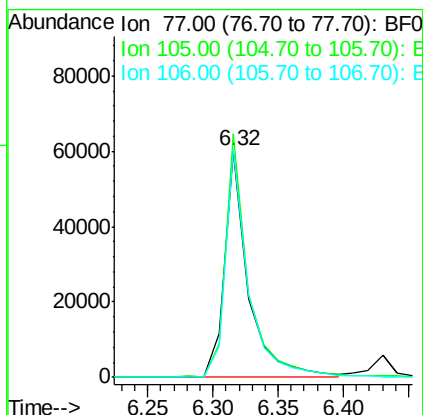
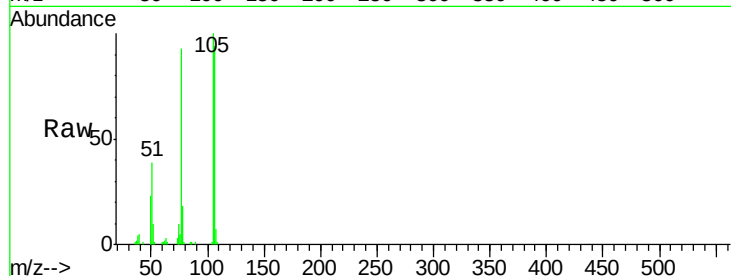
Tot Ion: 77 Resp: 76264

Ion Ratio Lower Upper

77 100

105 107.6 80.1 120.1

106 100.7 75.0 115.0



#10

Phenol

Concen: 39.34 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

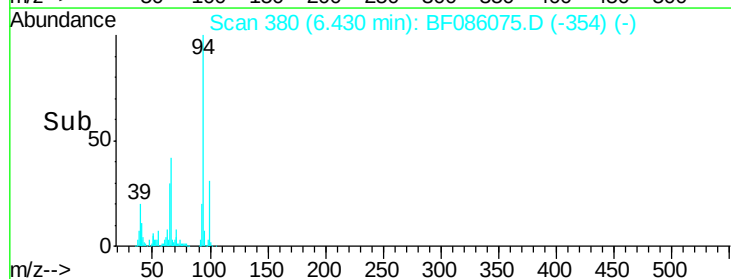
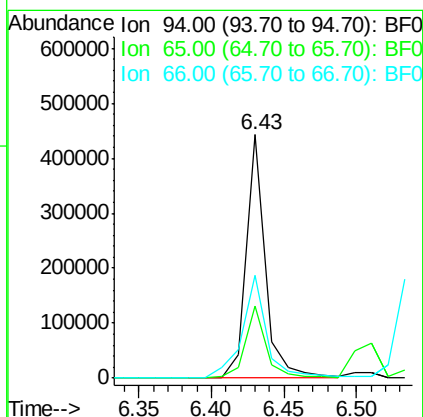
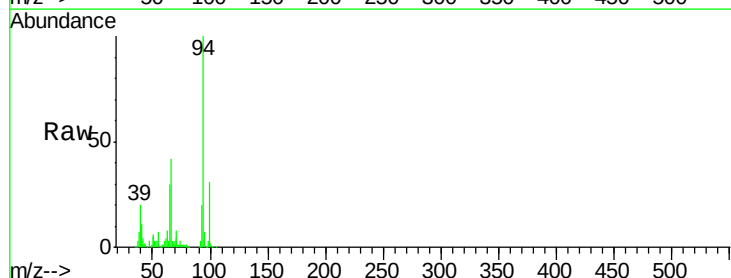
Tgt Ion: 94 Resp: 401818

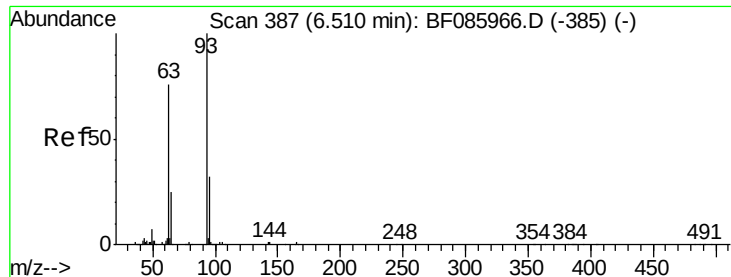
Ion Ratio Lower Upper

94 100

65 29.7 8.6 48.6

66 42.4 20.0 60.0

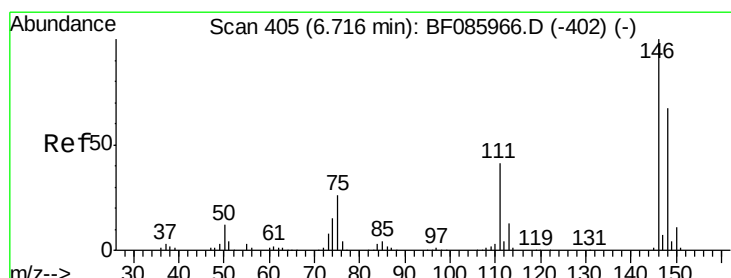
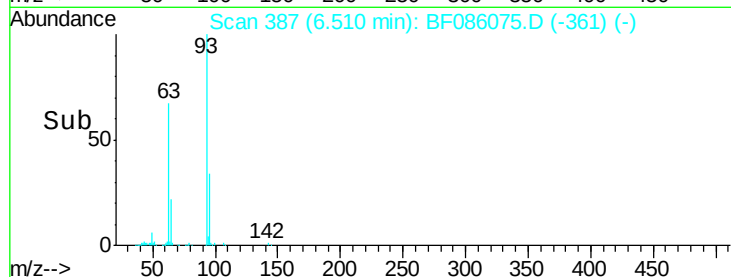
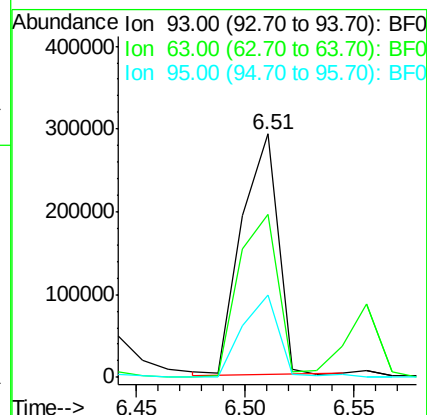
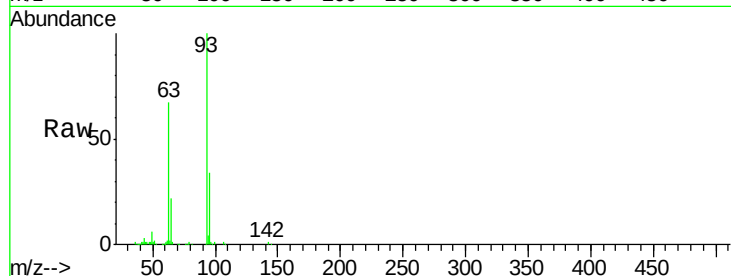




#11
bis(2-Chloroethyl)ether
Concen: 41.62 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

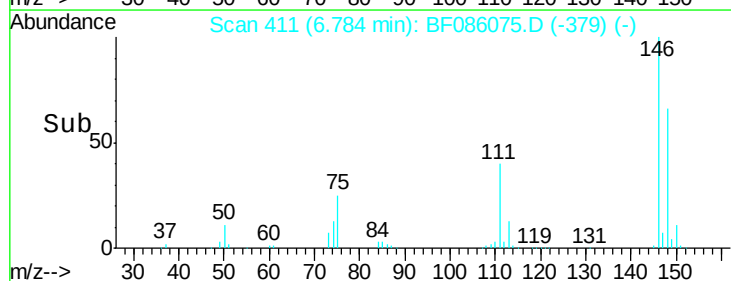
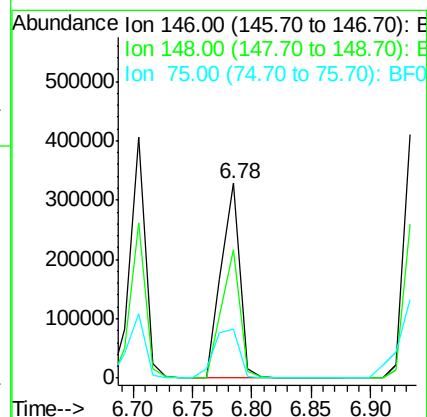
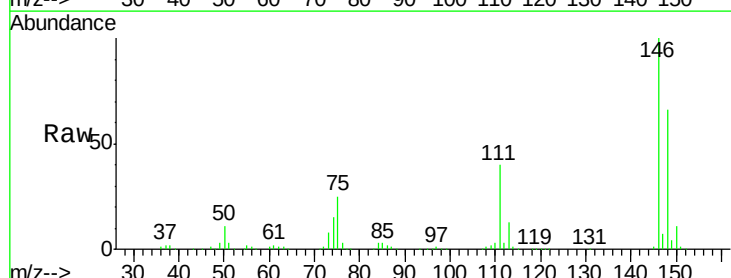
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

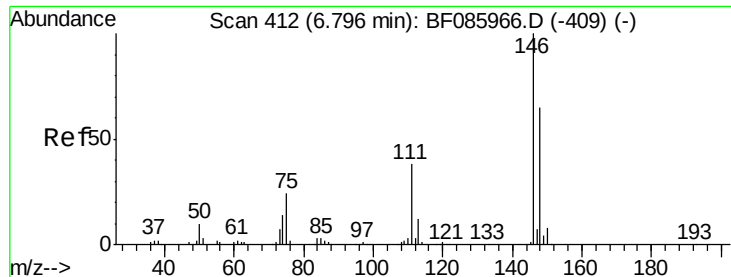
Tot Ion:	93	Resp:	336658
Ion	Ratio	Lower	Upper
93	100		
63	66.9	50.9	90.9
95	33.6	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 39.94 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.07 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion:	146	Resp:	355904
Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.3	78.5
75	25.4	17.4	26.2

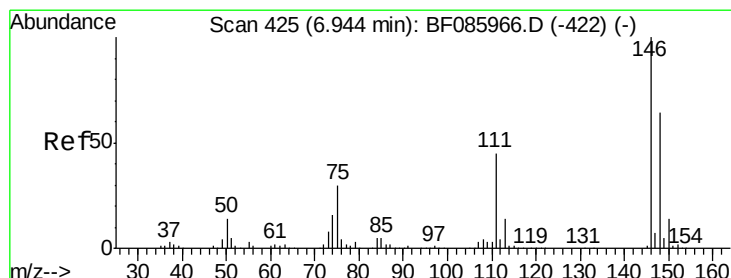
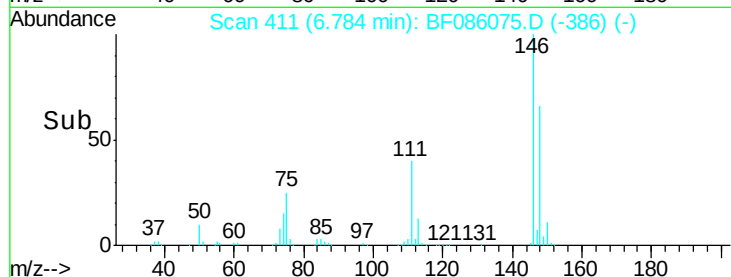
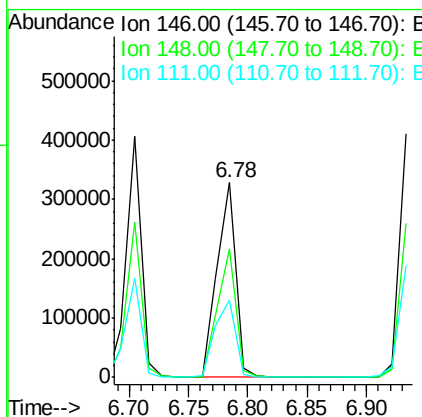
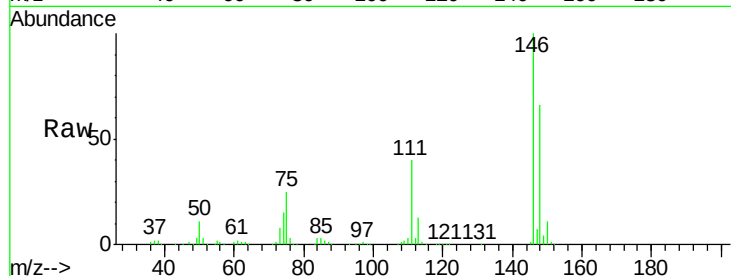




#13
 1,4-Dichlorobenzene
 Concen: 38.77 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

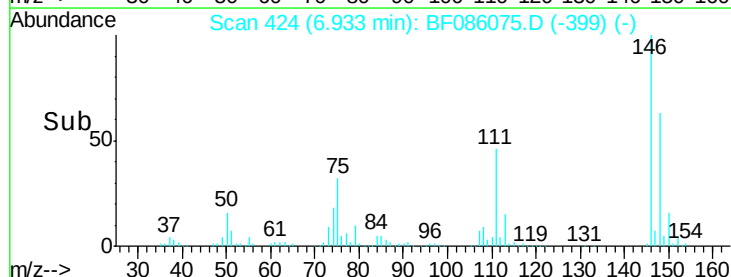
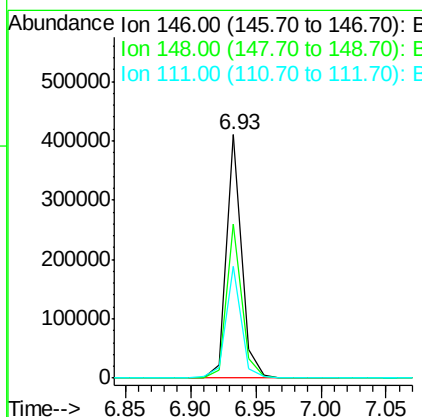
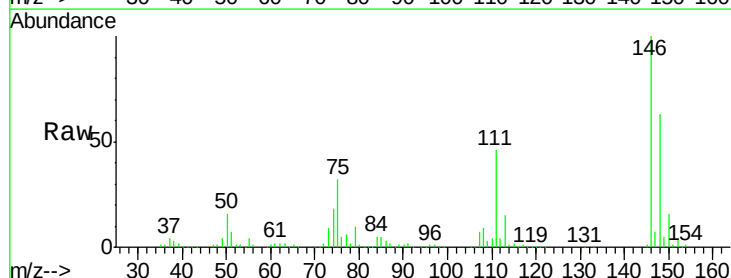
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

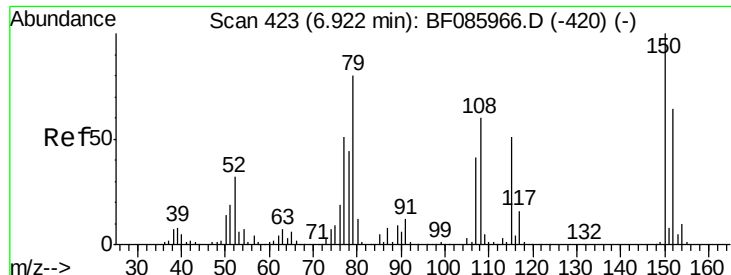
Tot Ion:146 Resp: 355904
 Ion Ratio Lower Upper
 146 100
 148 66.0 50.6 76.0
 111 39.6 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 39.53 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion:146 Resp: 334021
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.4 77.2
 111 45.8 34.6 52.0

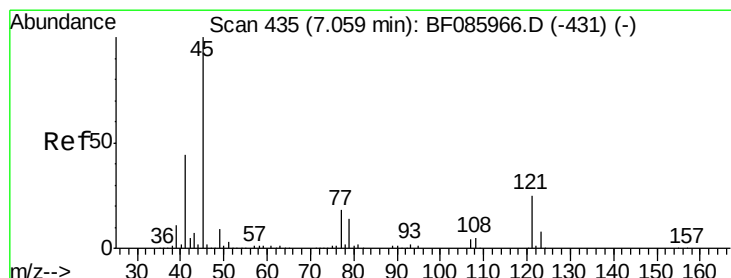
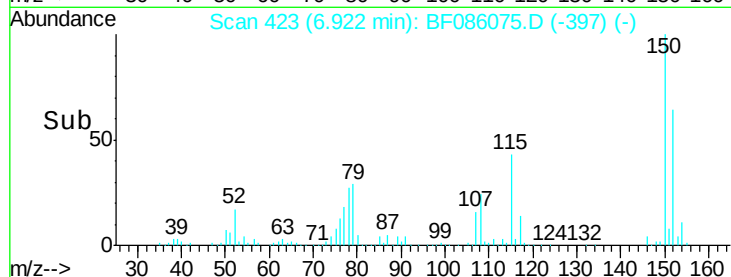
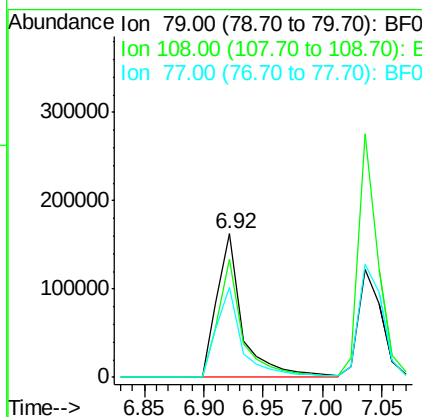
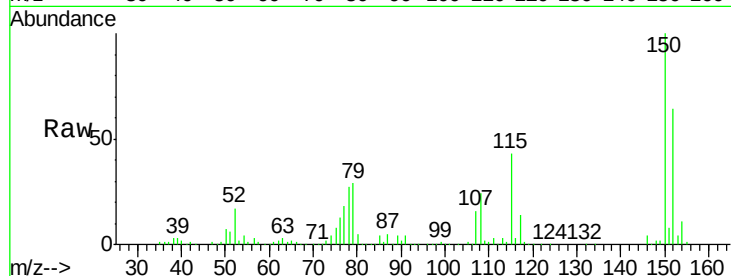




#15
Benzyl Alcohol
Concen: 41.41 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

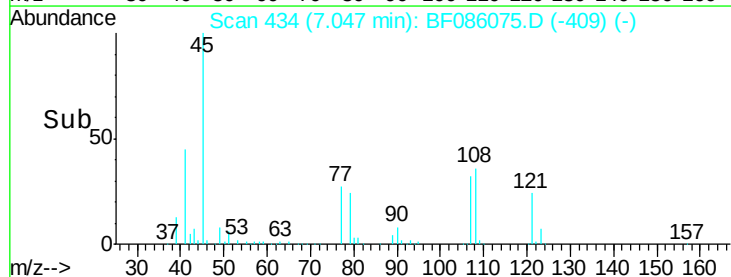
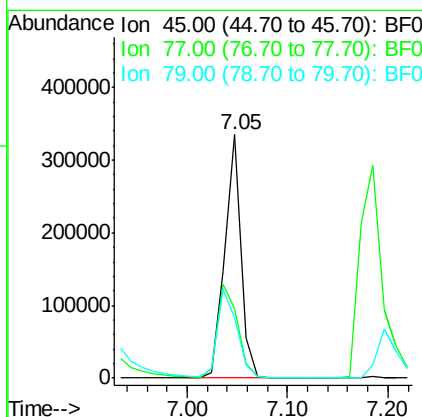
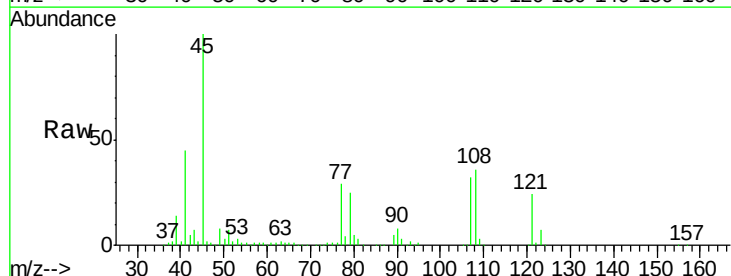
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

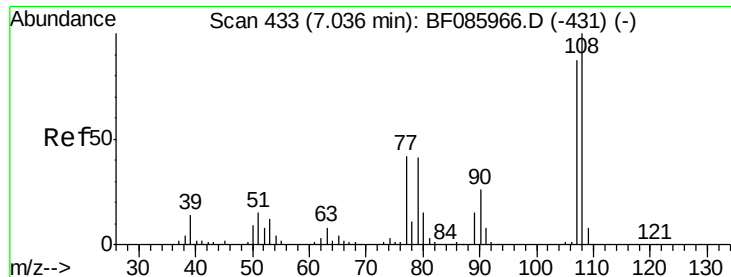
Tot Ion	Ratio	Lower	Upper
79	100		
108	82.1	61.8	92.6
77	62.9	49.6	74.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.05 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.7	0.0	35.7
79	24.9	0.0	32.2

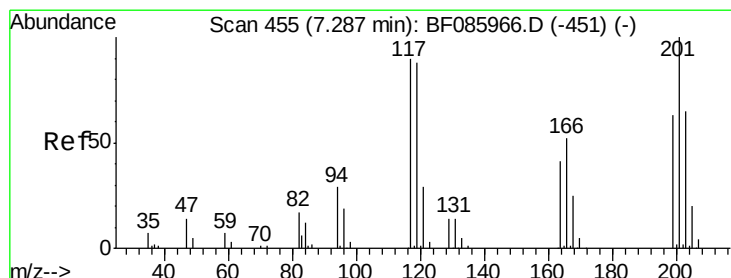
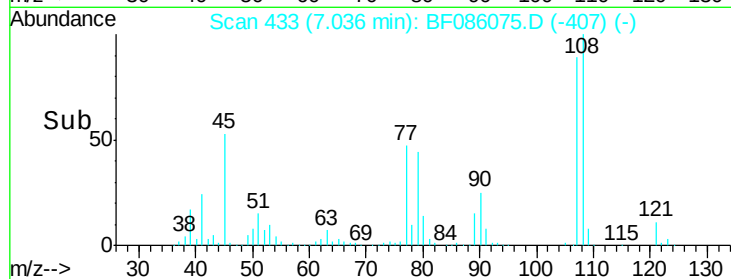
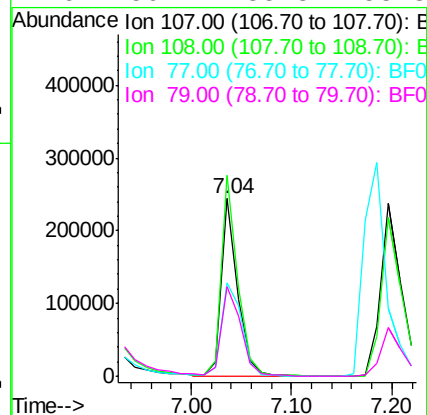
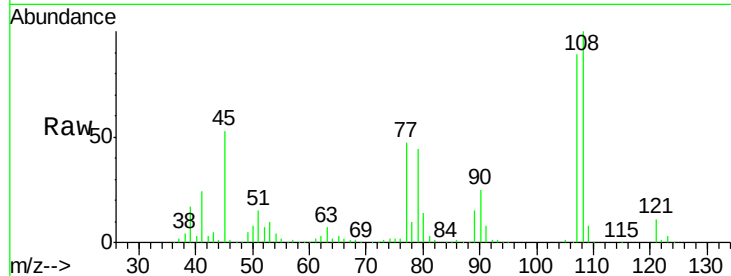




#17
2-Methylphenol
Concen: 40.98 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

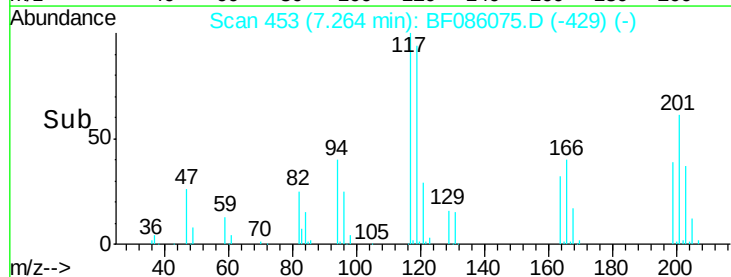
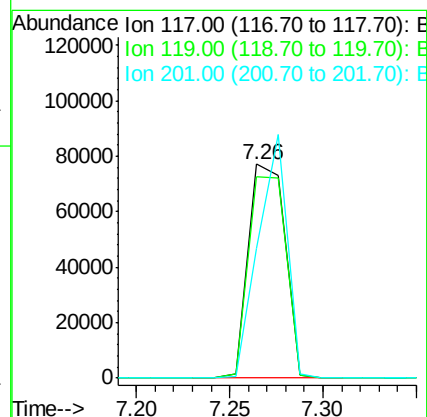
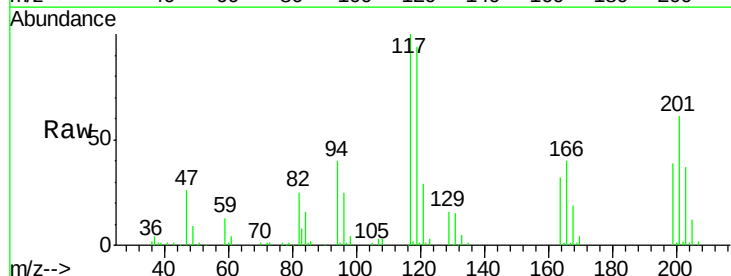
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

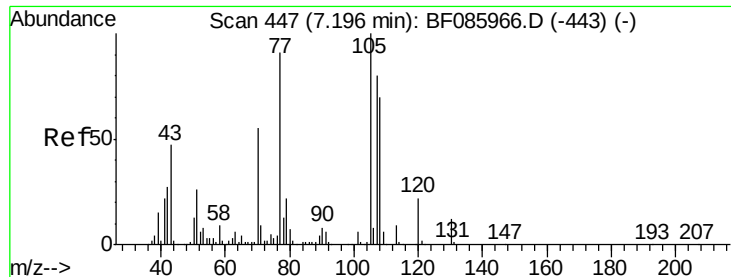
Tot Ion:	107	Resp:	271624
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.4	137.0
77	52.7	36.2	54.2
79	50.2	35.8	53.8



#18
Hexachloroethane
Concen: 31.04 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion:	117	Resp:	104800
Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.7	115.1
201	60.8	83.3	124.9#

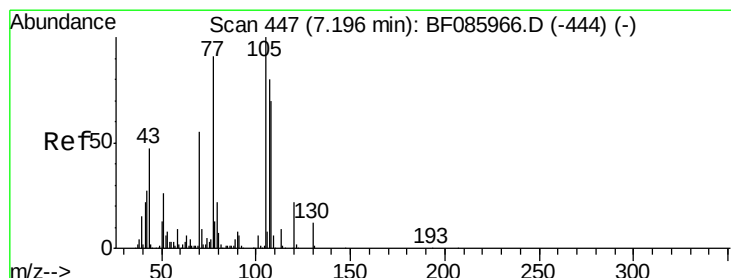
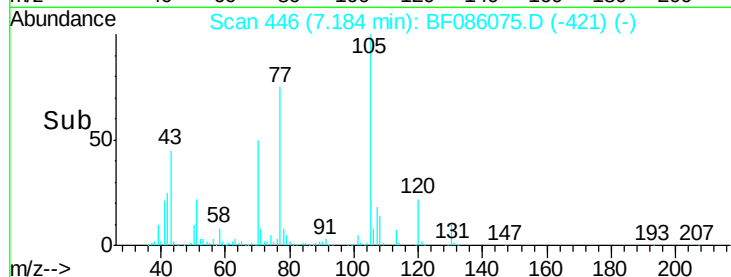
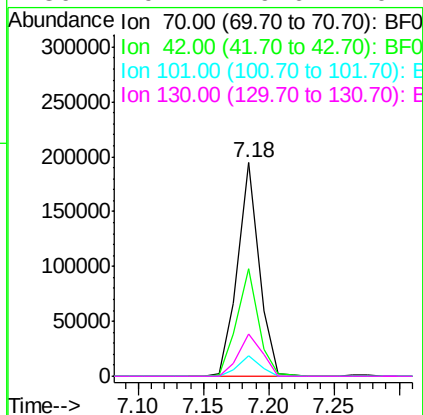
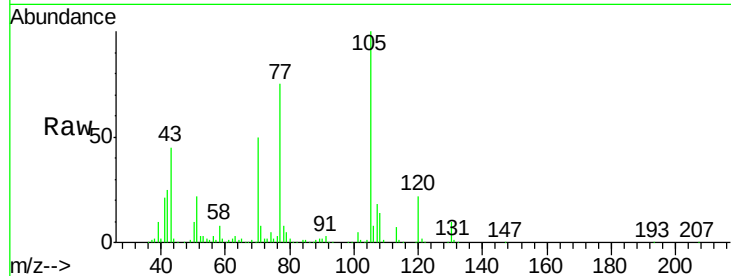




#19
n-Nitroso-di-n-propylamine
Concen: 40.41 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

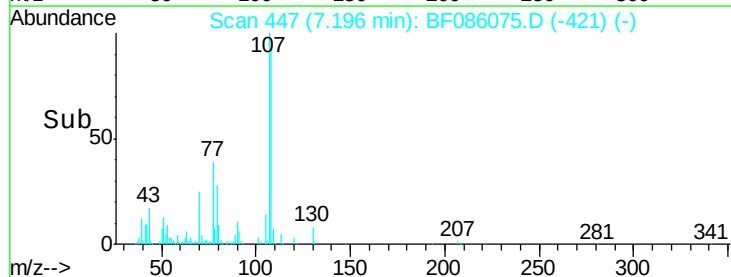
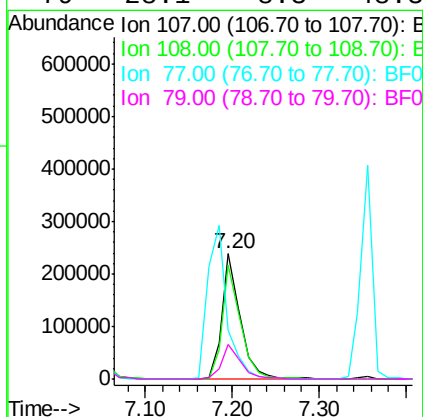
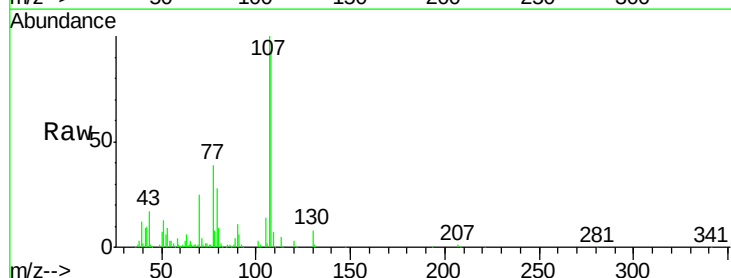
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

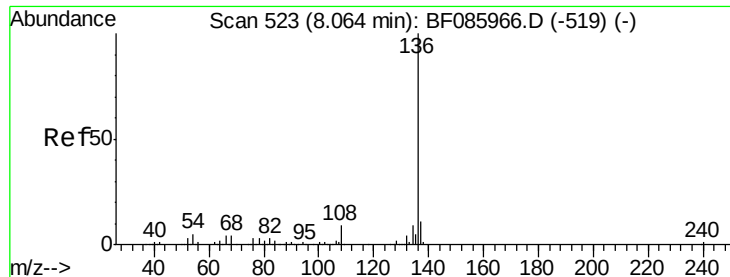
Tot Ion: 70 Resp: 224314
Ion Ratio Lower Upper
70 100
42 50.4 37.1 55.7
101 9.3 8.6 12.8
130 19.7 19.6 29.4



#20
3+4-Methylphenols
Concen: 43.47 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion:107 Resp: 350462
Ion Ratio Lower Upper
107 100
108 91.7 69.3 109.3
77 39.3 101.7 141.7#
79 28.1 8.3 48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tot Ion:136 Resp: 456306

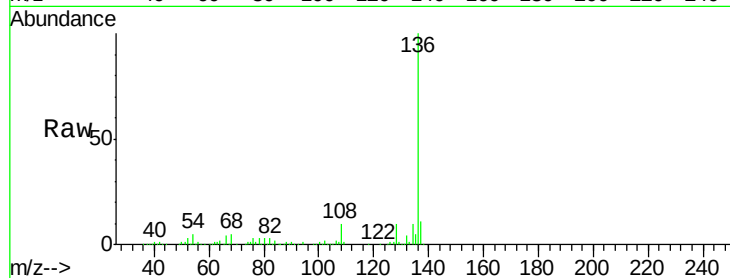
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.3 7.4 11.0#

68 4.7 5.8 8.8#

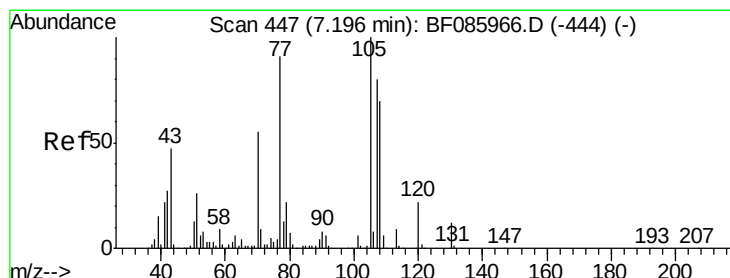
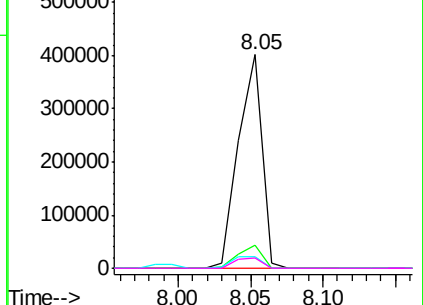
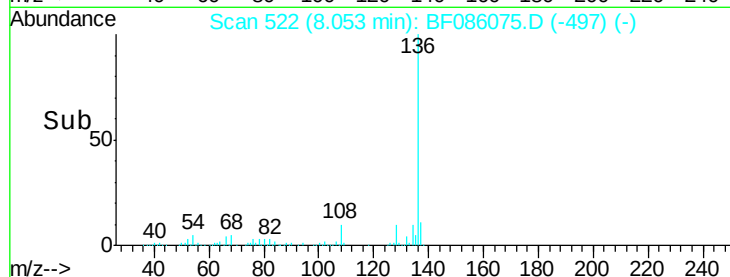


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.61 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Tgt Ion:105 Resp: 478525

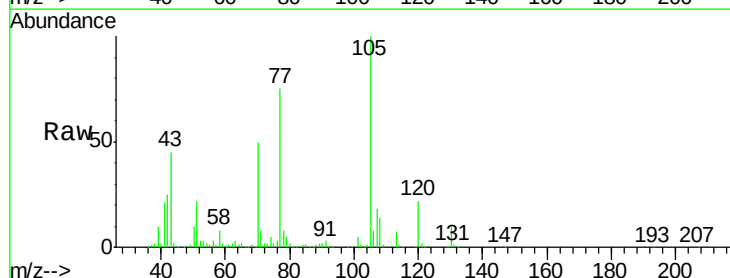
Ion Ratio Lower Upper

105 100

71 8.2 3.6 5.4#

51 22.3 25.4 38.0#

120 22.3 16.9 25.3

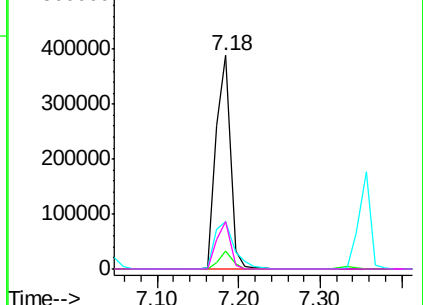
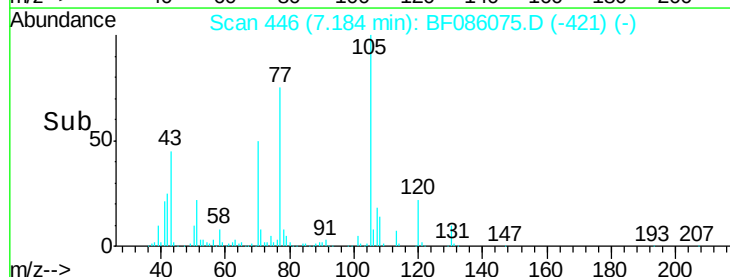


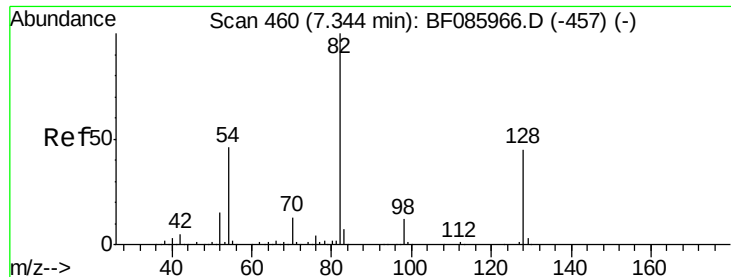
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

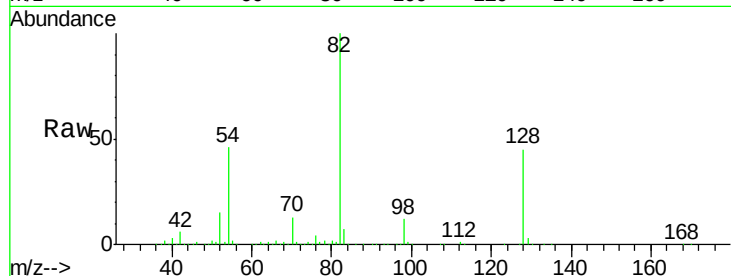




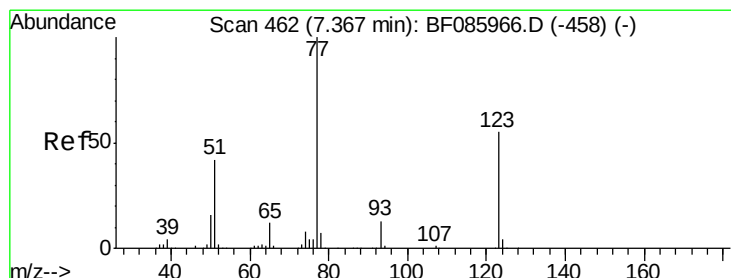
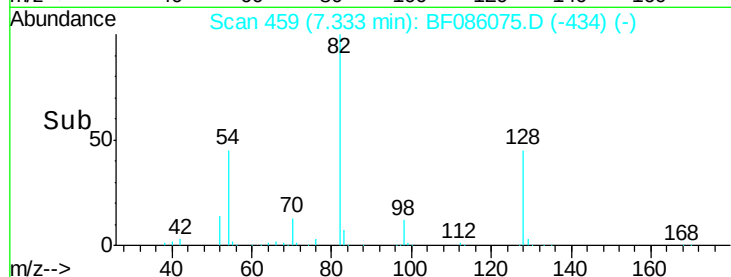
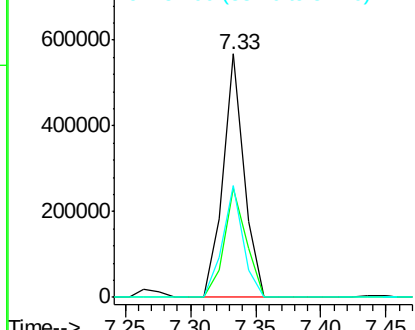
#23
 Nitrobenzene-d5
 Concen: 82.83 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	82	Resp	640880
Ion Ratio	Lower	Upper	
82	100		
128	45.0	41.8	62.8
54	45.9	33.4	50.0

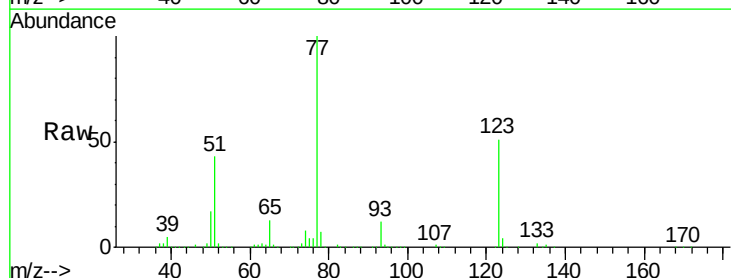


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

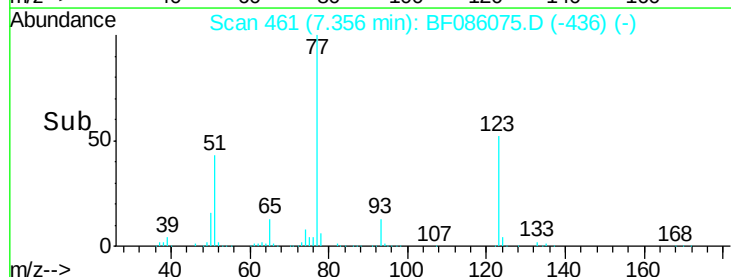
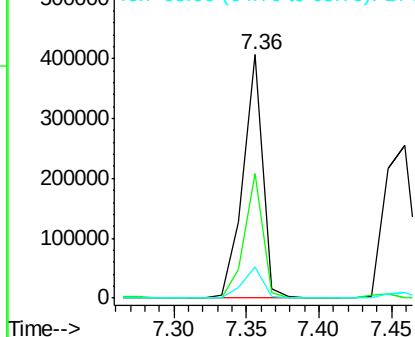


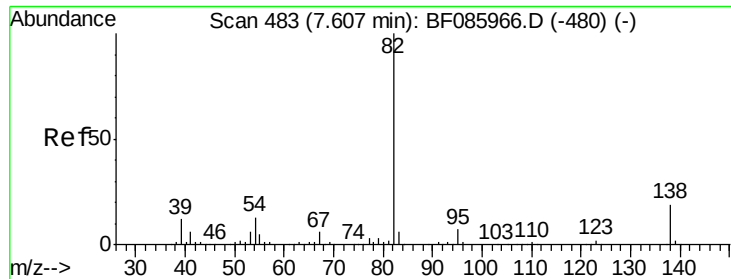
#24
 Nitrobenzene
 Concen: 45.14 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion	77	Resp	382126
Ion Ratio	Lower	Upper	
77	100		
123	51.2	35.0	52.4
65	12.5	10.6	16.0



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: 43.76 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

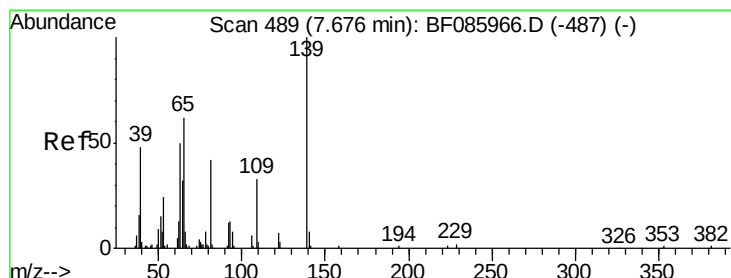
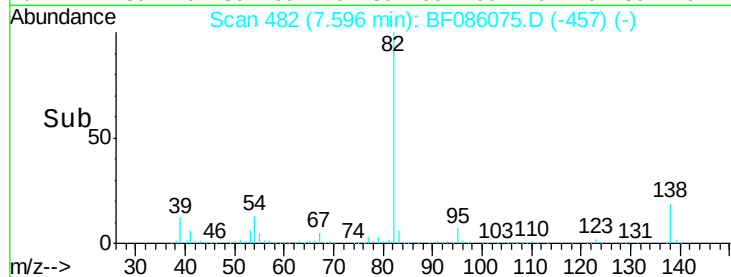
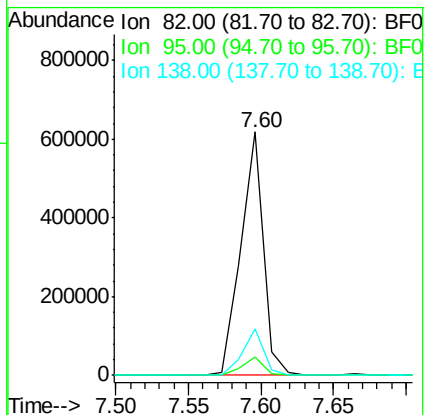
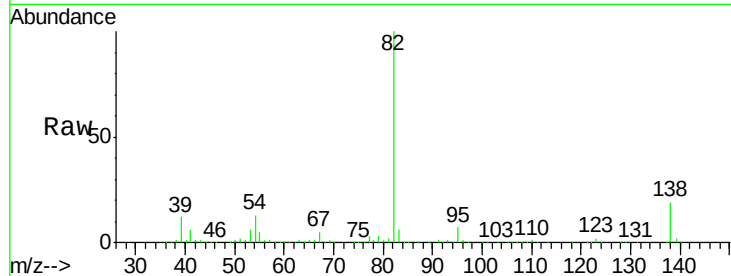
Tot Ion: 82 Resp: 668367

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

138 19.0 12.9 19.3



#26

2-Nitrophenol

Concen: 37.97 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

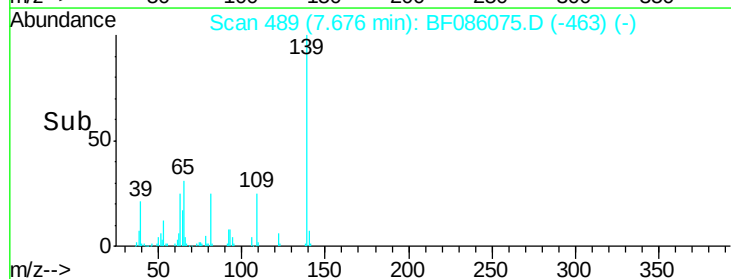
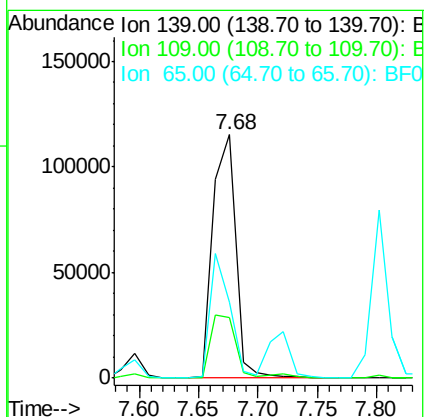
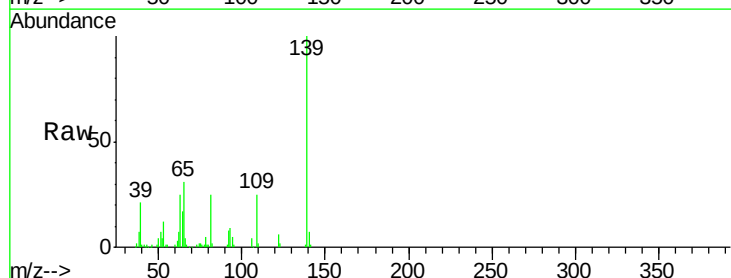
Tgt Ion:139 Resp: 153767

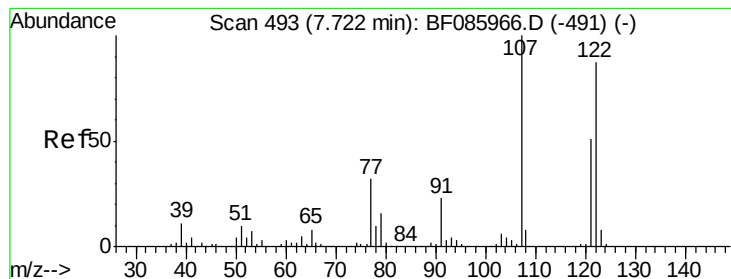
Ion Ratio Lower Upper

139 100

109 24.8 22.1 33.1

65 31.4 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 42.91 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

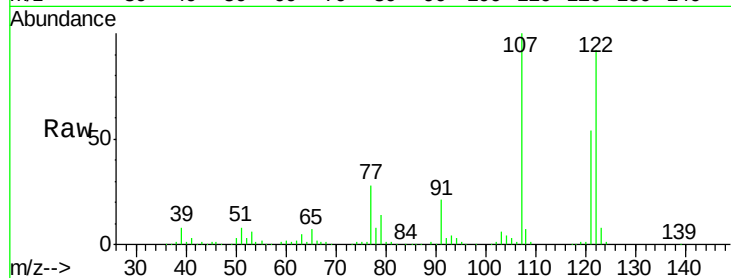
Tot Ion:122 Resp: 312114

Ion Ratio Lower Upper

122 100

107 109.1 93.0 139.6

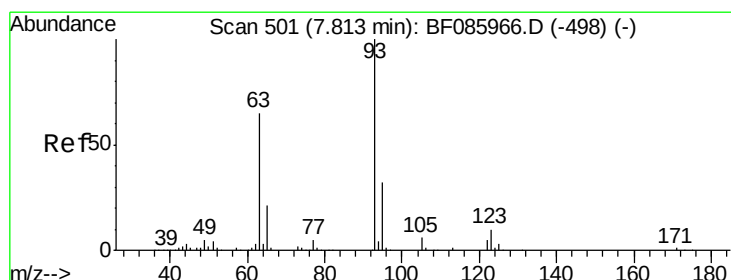
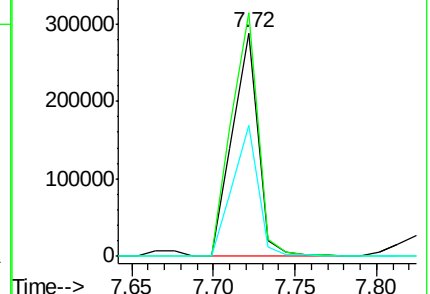
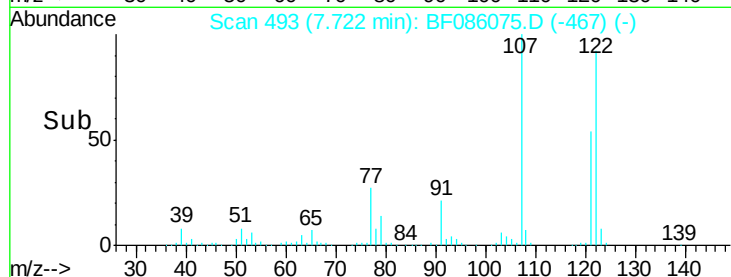
121 58.7 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.65 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

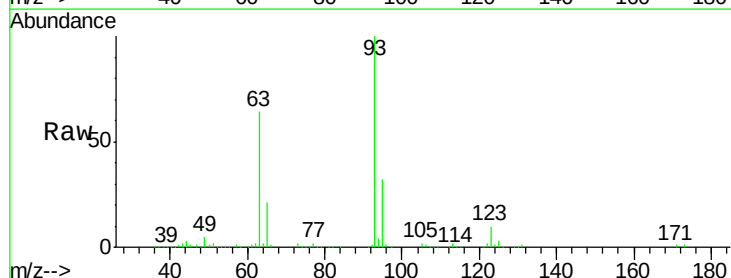
Tgt Ion: 93 Resp: 382221

Ion Ratio Lower Upper

93 100

95 32.4 26.4 39.6

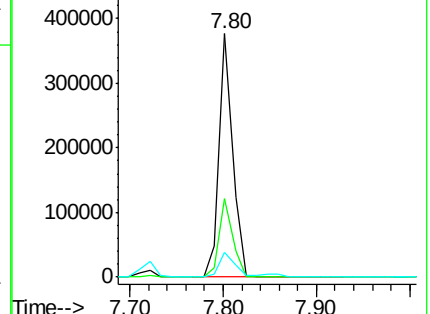
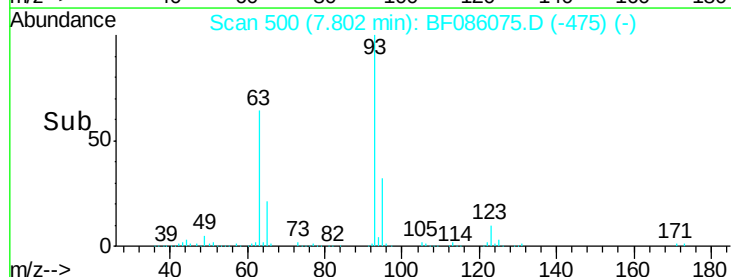
123 10.1 9.8 14.6

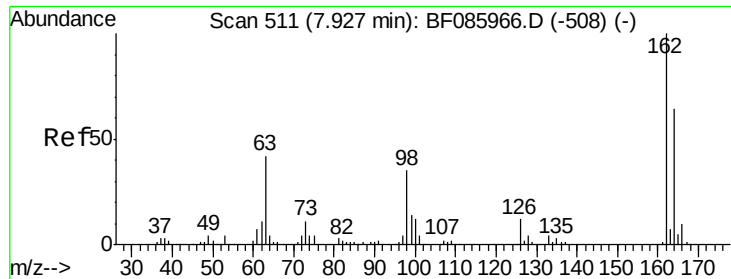


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

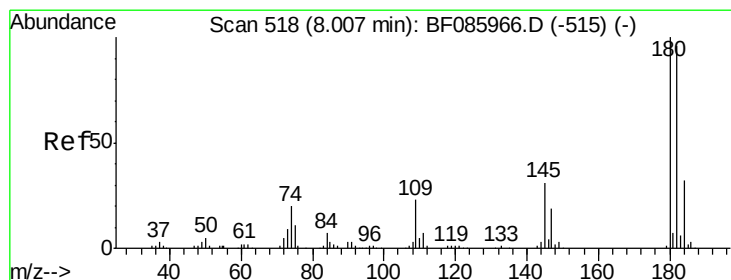
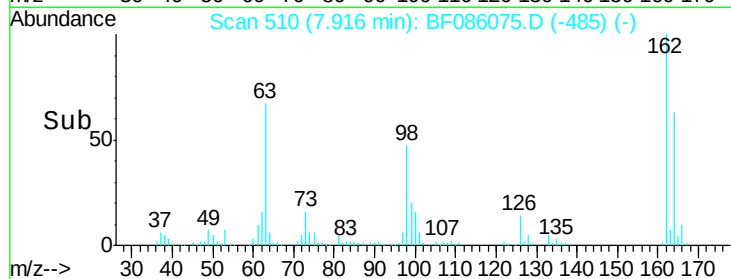
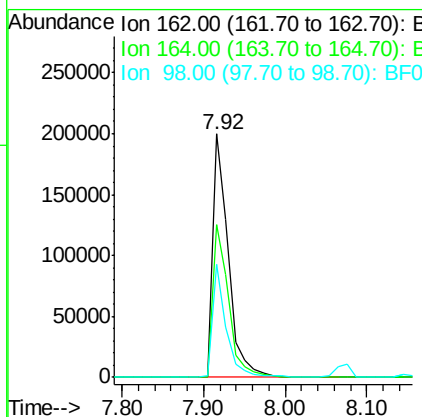
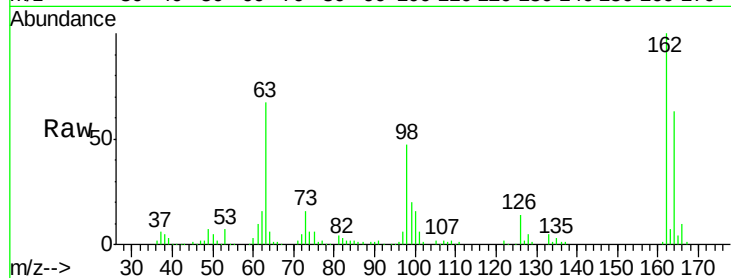




#29
2,4-Dichlorophenol
Concen: 43.07 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

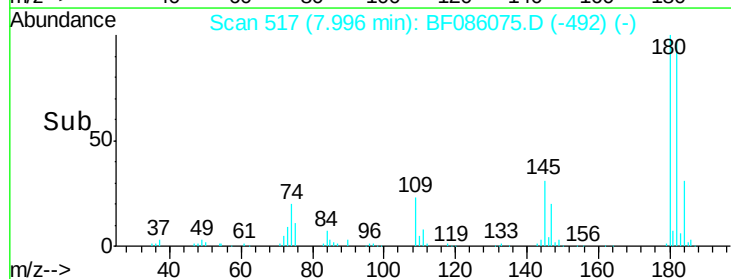
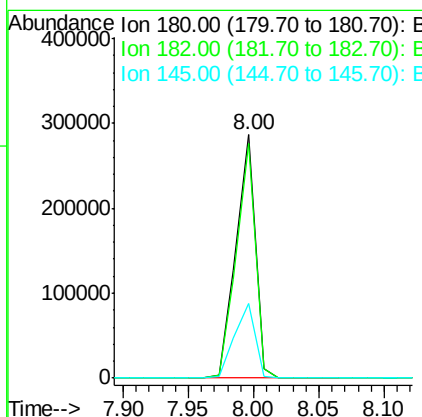
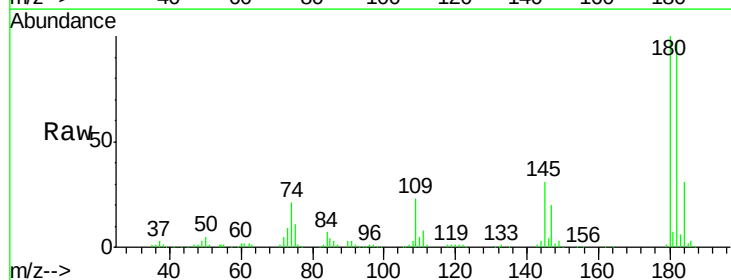
Instrument :
BNA_F
ClientSampled :
WC-1MSD

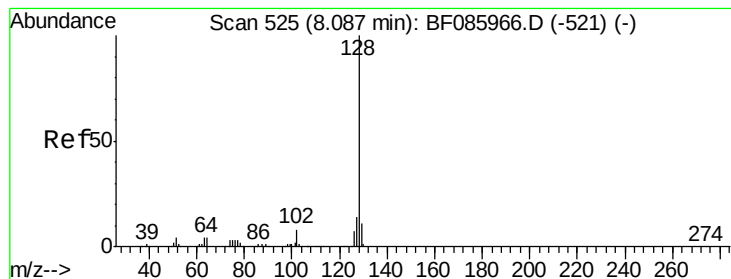
Tot Ion:162 Resp: 264903
Ion Ratio Lower Upper
162 100
164 62.9 43.7 83.7
98 46.5 20.4 60.4



#30
1,2,4-Trichlorobenzene
Concen: 42.63 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion:180 Resp: 294299
Ion Ratio Lower Upper
180 100
182 96.6 73.8 110.8
145 30.6 28.4 42.6





#31

Naphthalene

Concen: 46.03 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

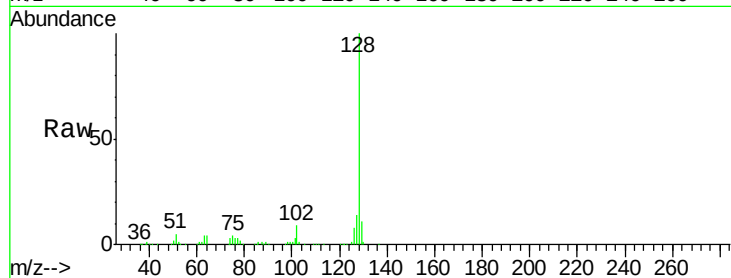
Tot Ion:128 Resp: 1056545

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.0

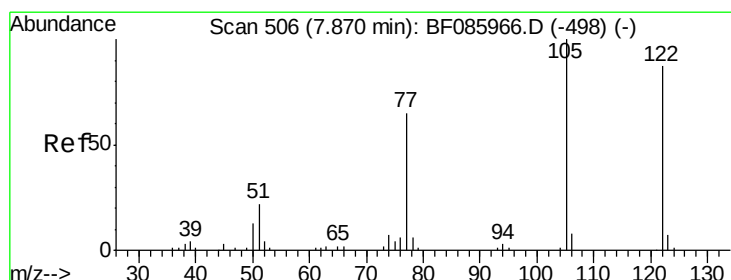
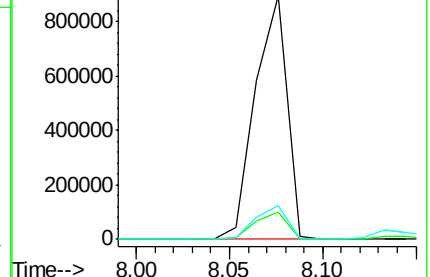
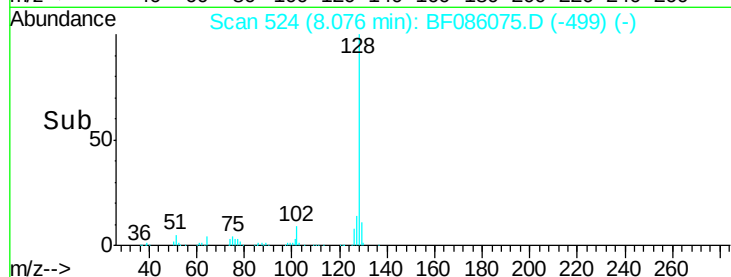
127 13.6 11.0 16.6



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: 28.05 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

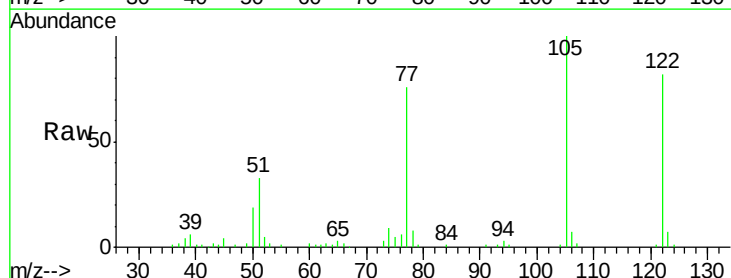
Tgt Ion:122 Resp: 149693

Ion Ratio Lower Upper

122 100

105 121.9 102.9 142.9

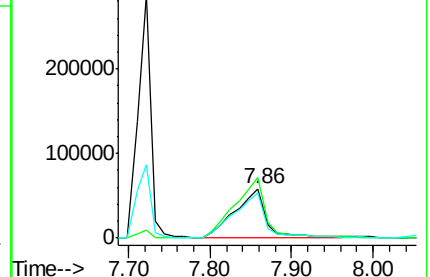
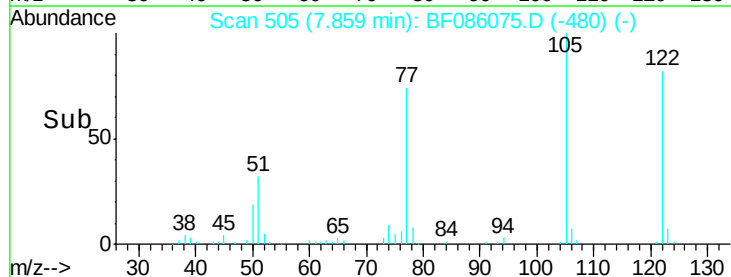
77 92.1 71.8 111.8

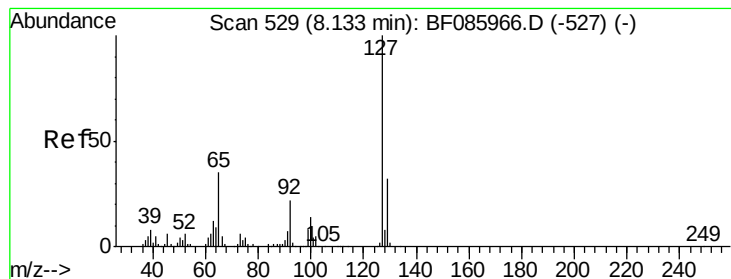


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 7.74 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tot Ion:127 Resp: 71799

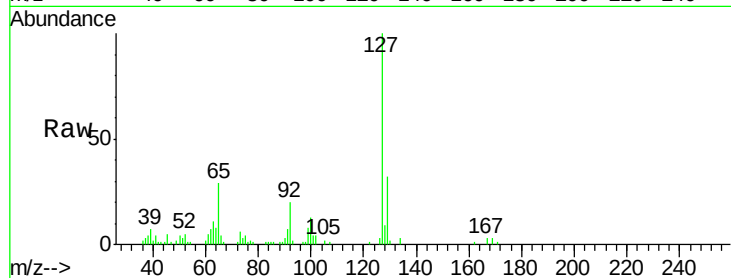
Ion Ratio Lower Upper

127 100

129 32.2 26.1 39.1

65 29.4 19.5 29.3#

92 19.5 14.6 22.0

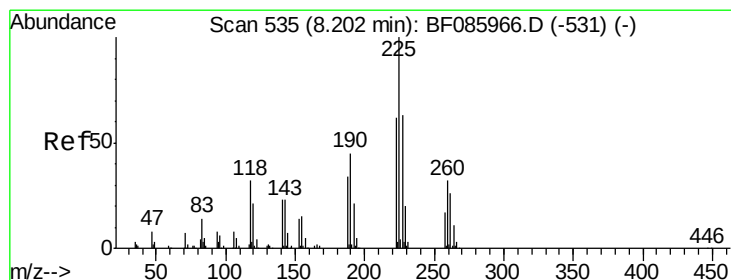
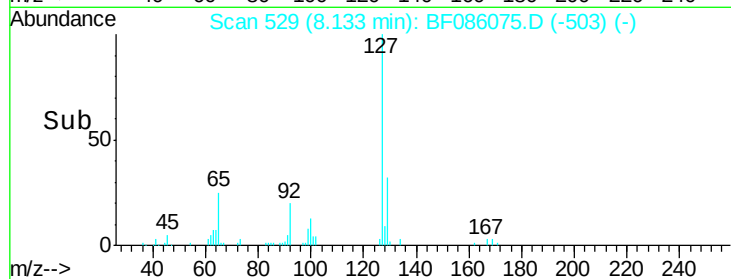
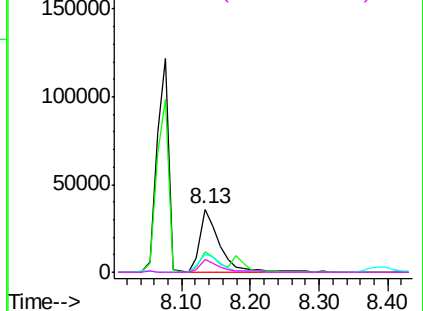


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.05 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

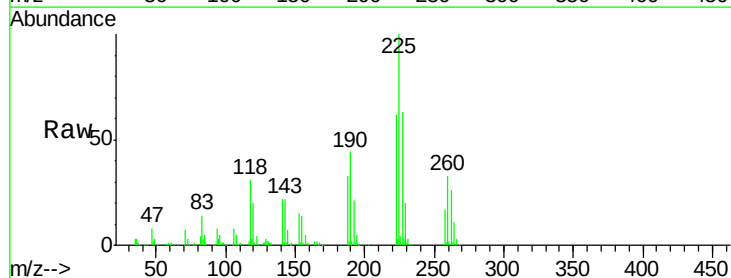
Tgt Ion:225 Resp: 152348

Ion Ratio Lower Upper

225 100

223 61.8 50.4 75.6

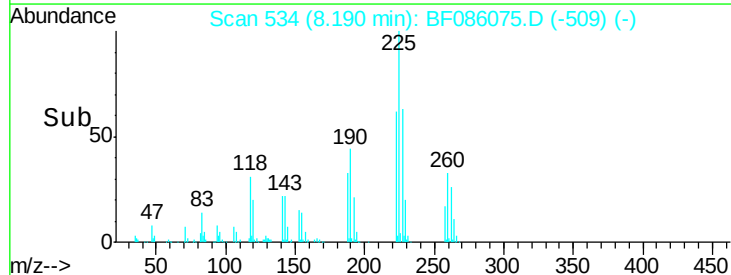
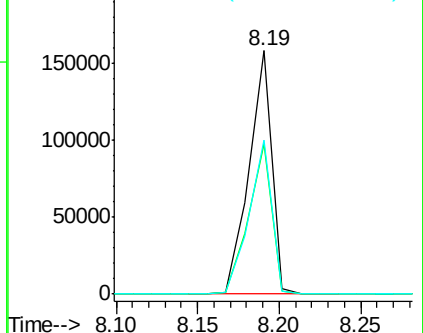
227 63.2 51.4 77.2

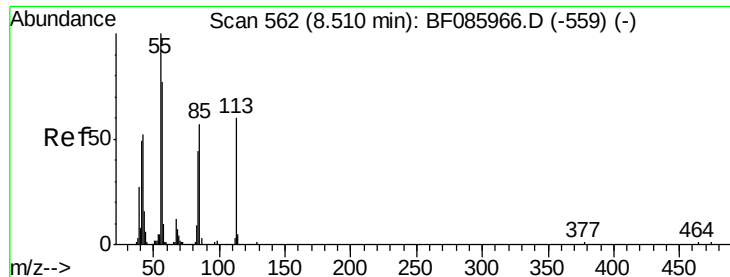


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

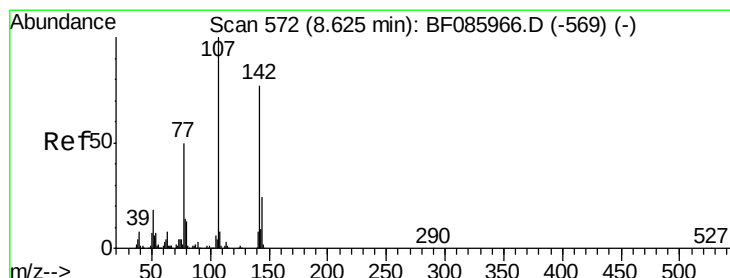
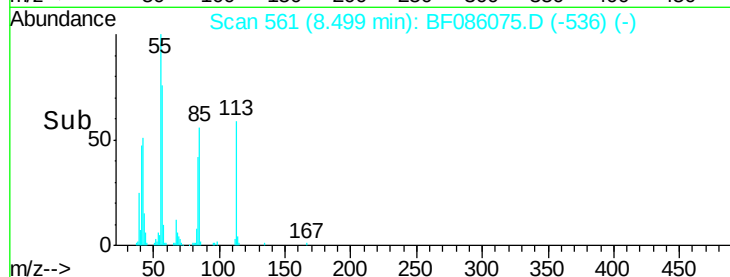
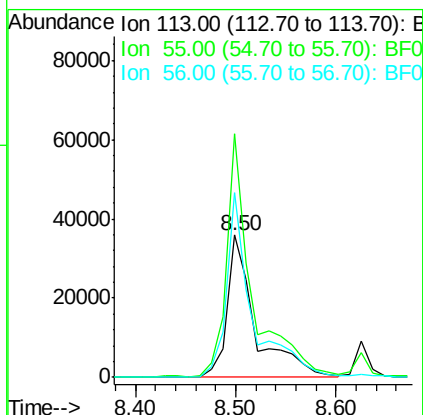
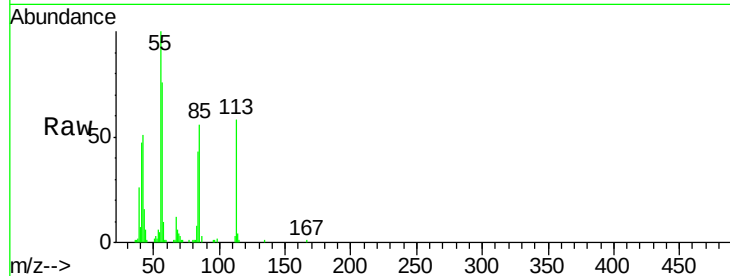




#35
 Caprolactam
 Concen: 35.97 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

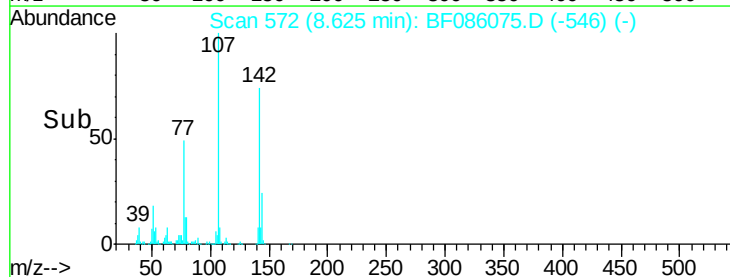
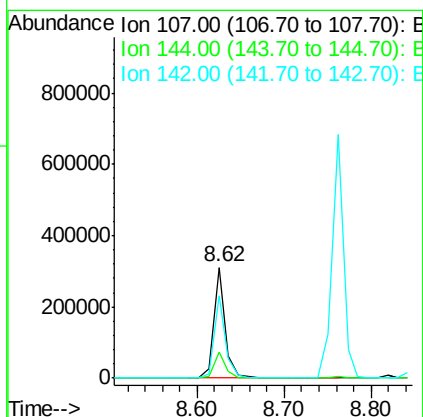
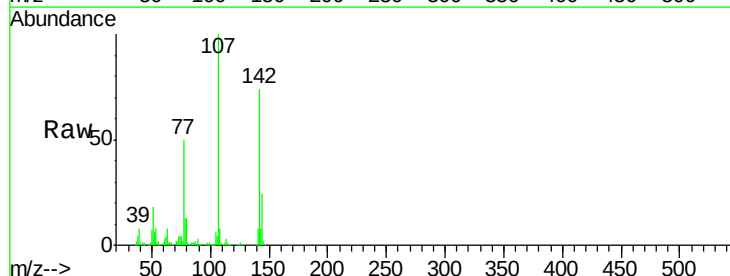
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

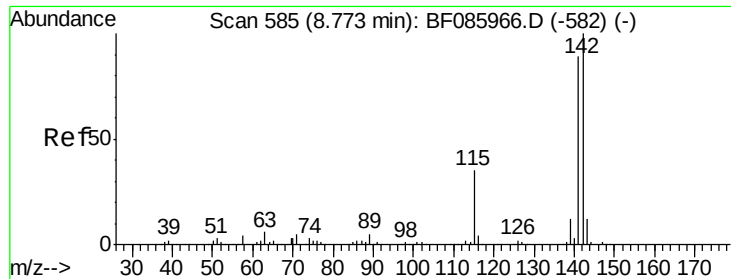
Tot Ion:113 Resp: 70173
 Ion Ratio Lower Upper
 113 100
 55 171.5 139.4 179.4
 56 130.5 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.12 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion:107 Resp: 284261
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.3 28.9
 142 74.3 61.4 92.0

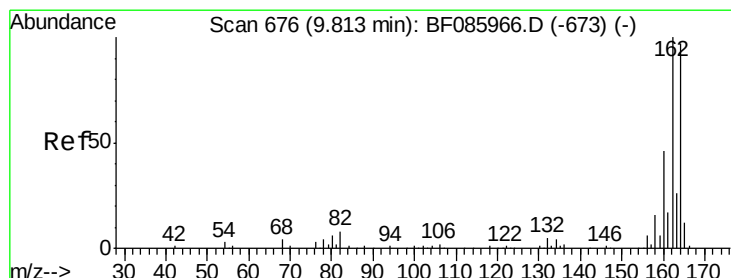
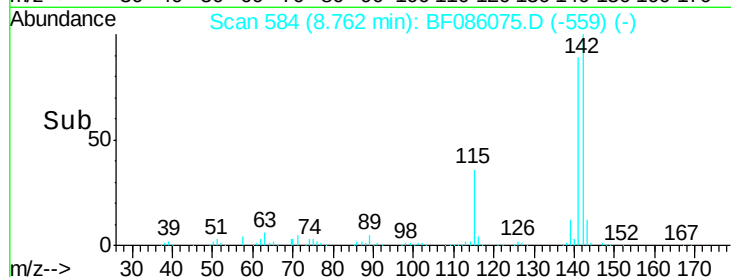
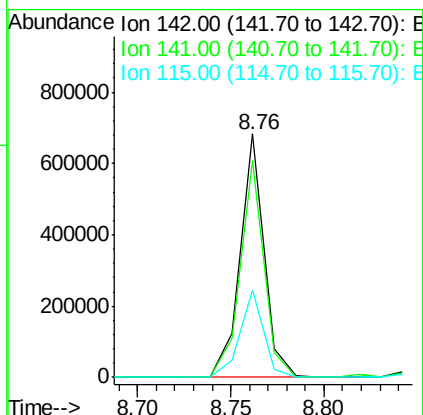
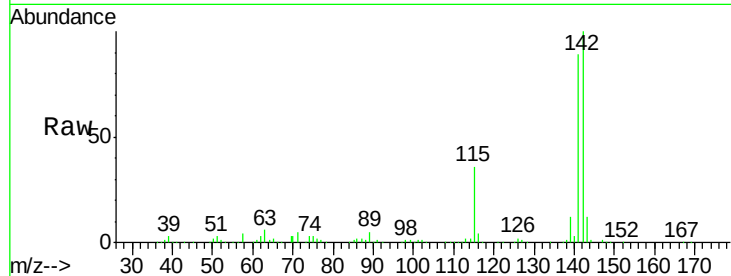




#37
2-Methylnaphthalene
Concen: 40.94 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

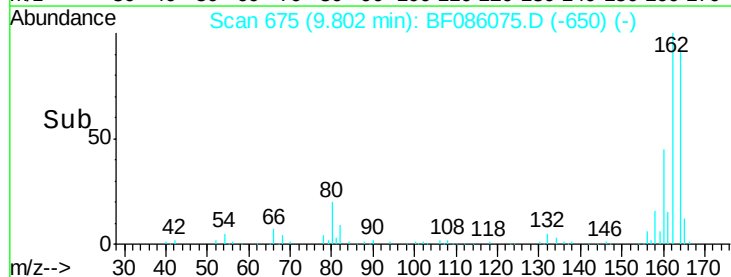
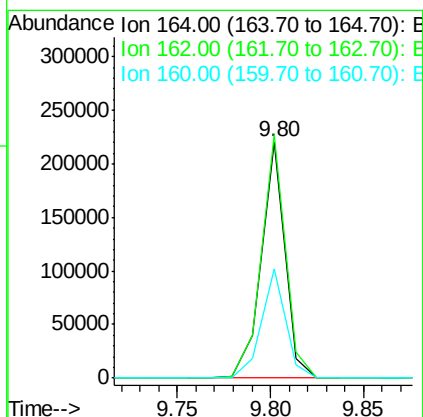
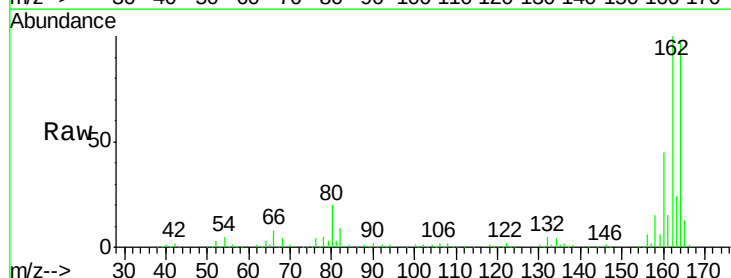
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

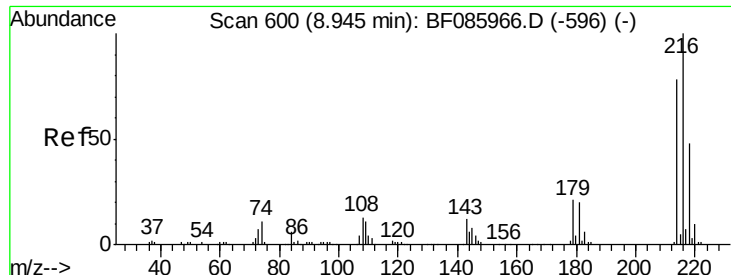
Tot Ion:142 Resp: 613866
Ion Ratio Lower Upper
142 100
141 89.3 71.6 107.4
115 35.8 26.8 40.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion:164 Resp: 192777
Ion Ratio Lower Upper
164 100
162 103.0 82.1 123.1
160 46.2 37.4 56.2

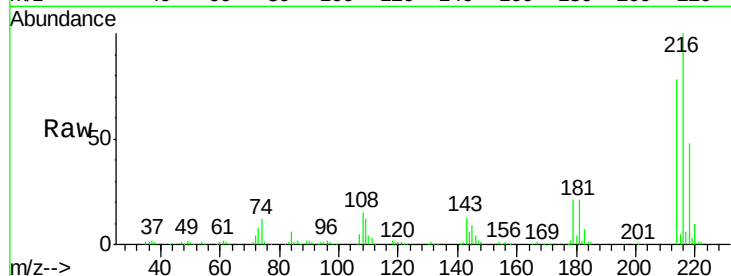




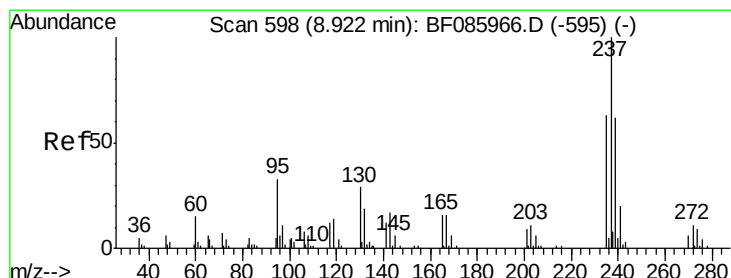
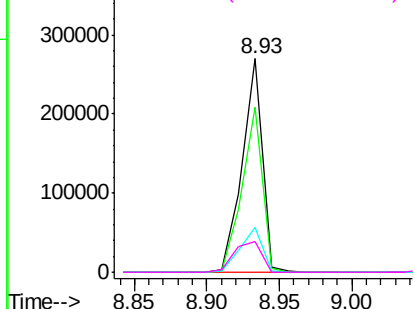
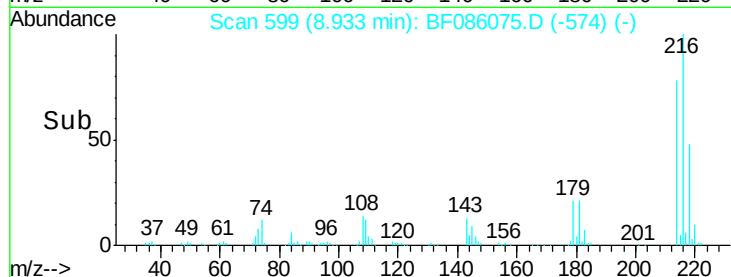
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.05 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion:	216	Resp:	261031
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.1	94.7
179	22.8	18.2	27.2
108	20.1	17.3	25.9

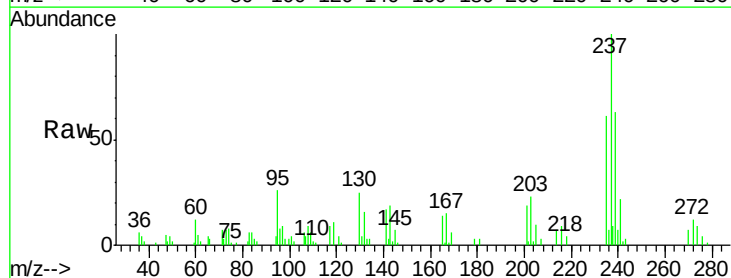


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

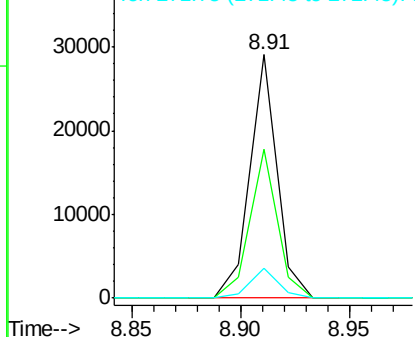
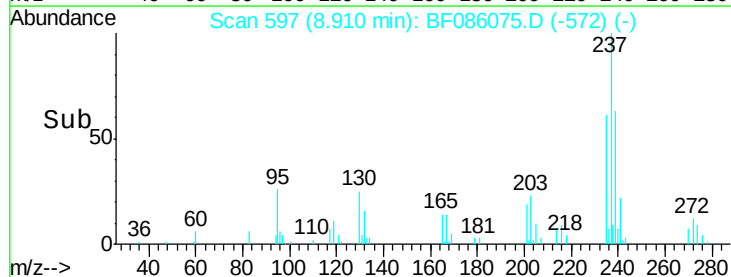


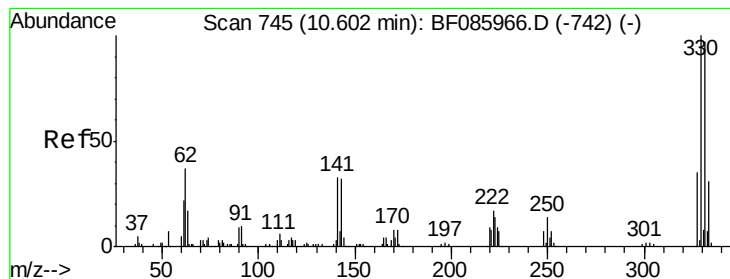
#40
 Hexachlorocyclopentadiene
 Concen: 20.44 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion:	237	Resp:	25268
Ion	Ratio	Lower	Upper
237	100		
235	60.9	43.7	83.7
272	12.1	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 110.30 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

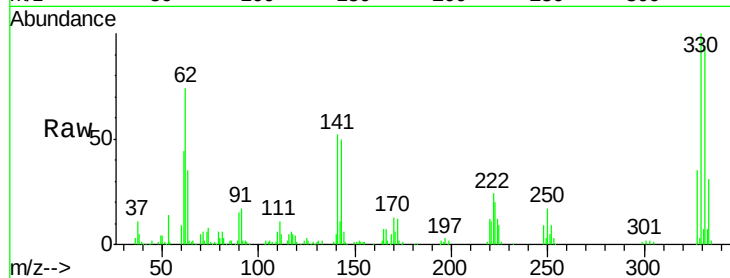
Tot Ion:330 Resp: 199582

Ion Ratio Lower Upper

330 100

332 96.1 78.2 117.2

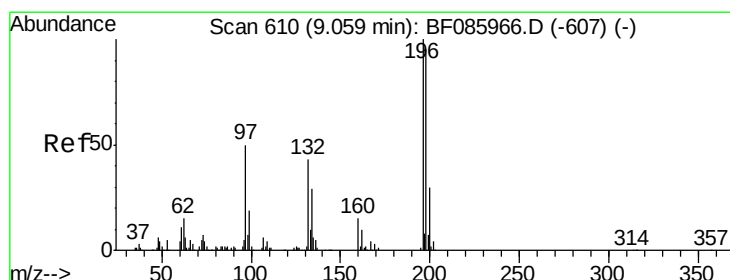
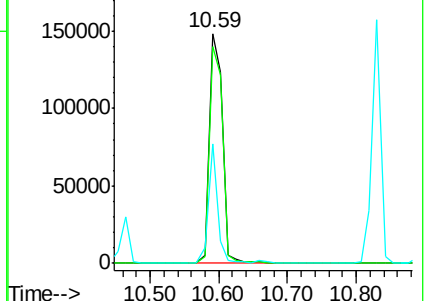
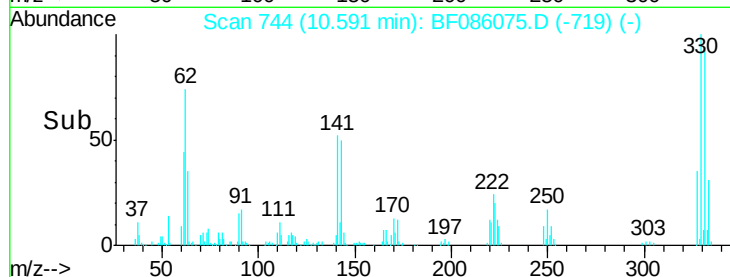
141 36.5 31.5 47.3



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: 45.40 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

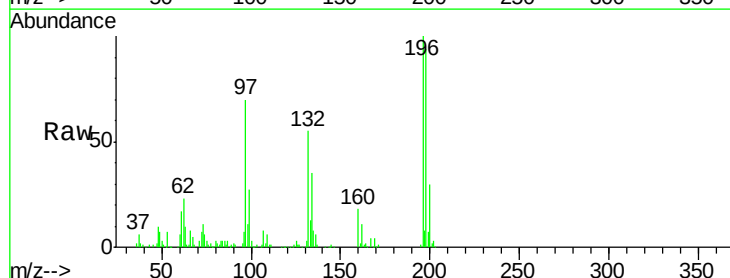
Tgt Ion:196 Resp: 168919

Ion Ratio Lower Upper

196 100

198 93.6 75.3 112.9

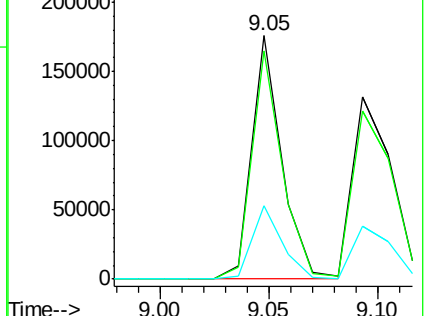
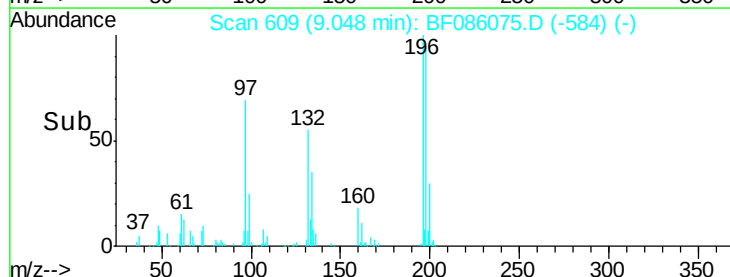
200 30.0 23.7 35.5

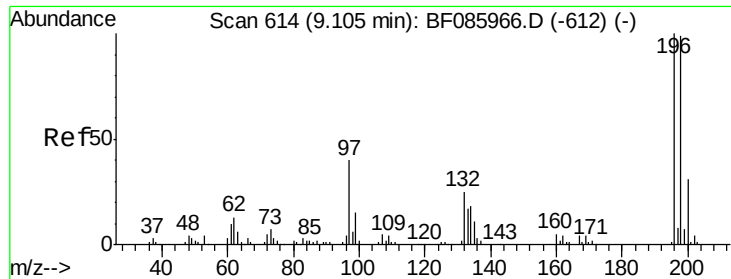


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

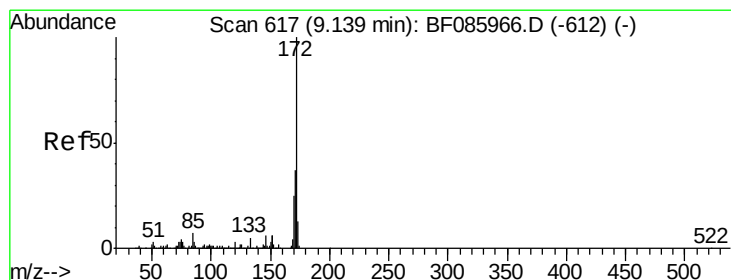
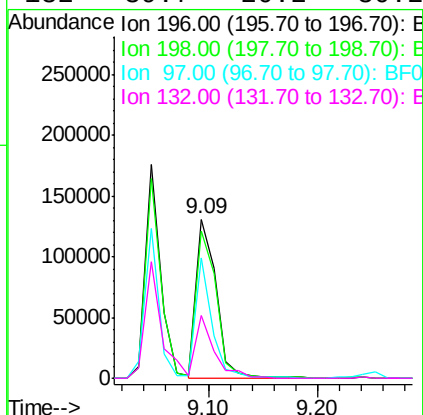
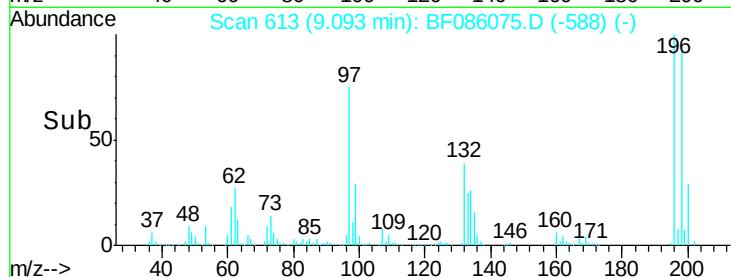
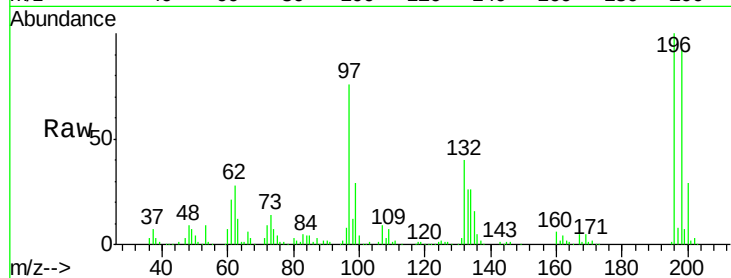




#43
 2,4,5-Trichlorophenol
 Concen: 44.29 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

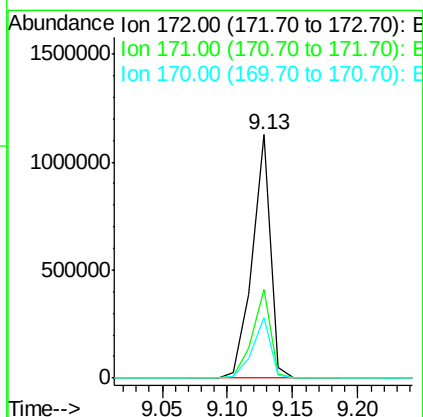
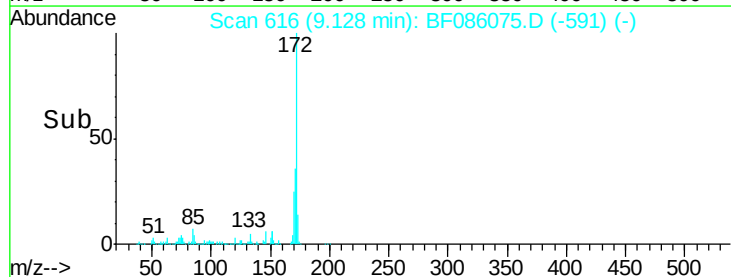
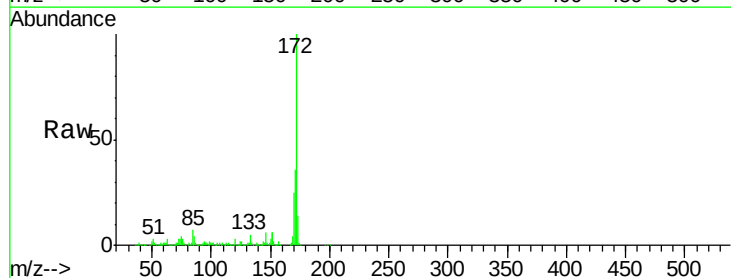
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

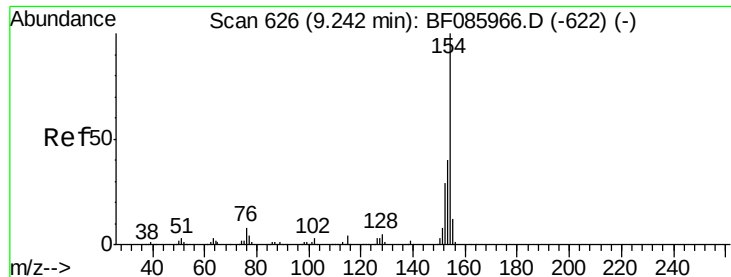
Tot Ion:196 Resp: 167296
 Ion Ratio Lower Upper
 196 100
 198 92.2 76.6 114.8
 97 75.7 30.5 45.7#
 132 39.7 20.2 30.2#



#44
 2-Fluorobiphenyl
 Concen: 94.27 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion:172 Resp: 1092996
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.2
 170 24.6 19.8 29.6

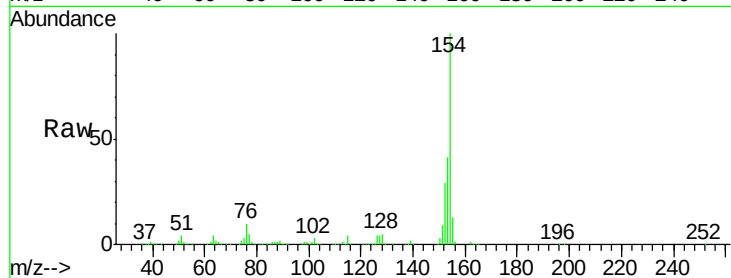




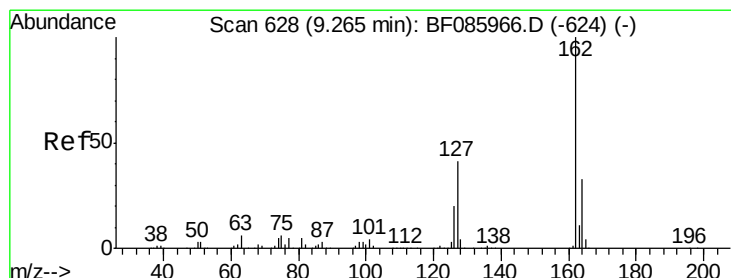
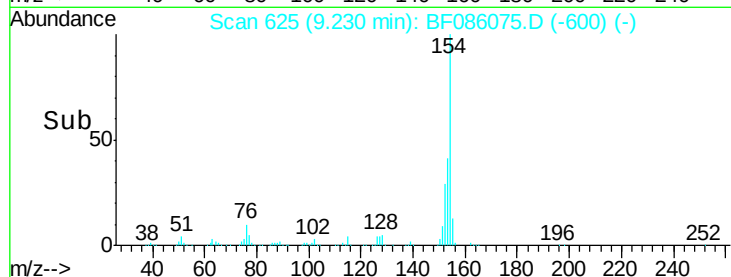
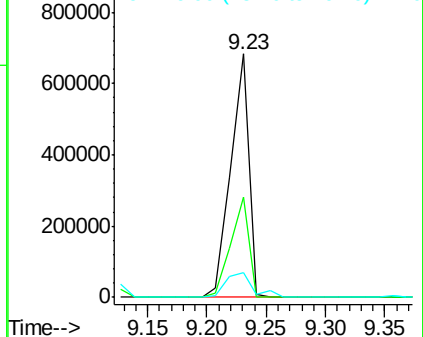
#45
 1,1'-Biphenyl
 Concen: 43.58 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion:154 Resp: 724439
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.8 60.8
 76 9.9 0.0 36.7

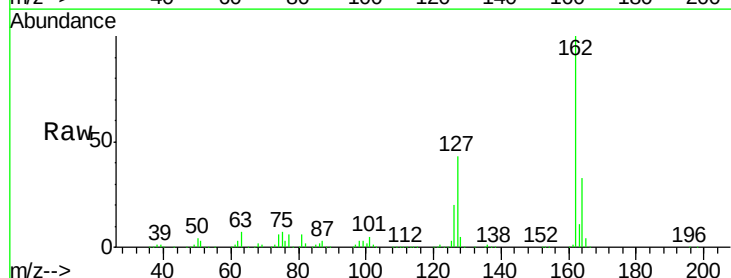


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

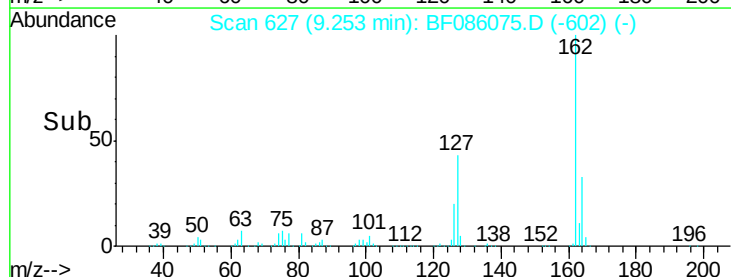
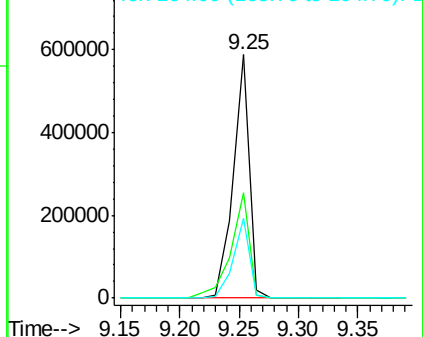


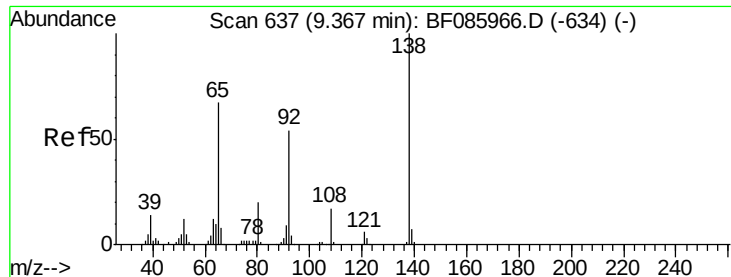
#46
 2-Chloronaphthalene
 Concen: 45.81 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion:162 Resp: 551975
 Ion Ratio Lower Upper
 162 100
 127 43.2 31.7 47.5
 164 33.0 27.3 40.9



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

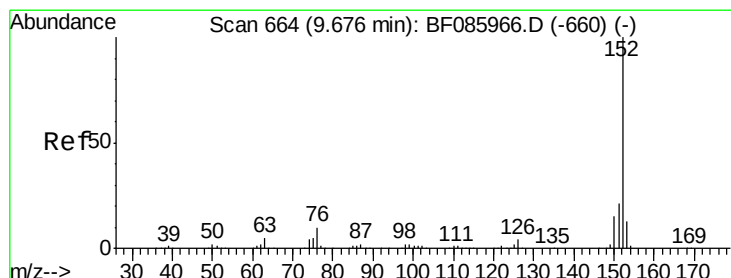
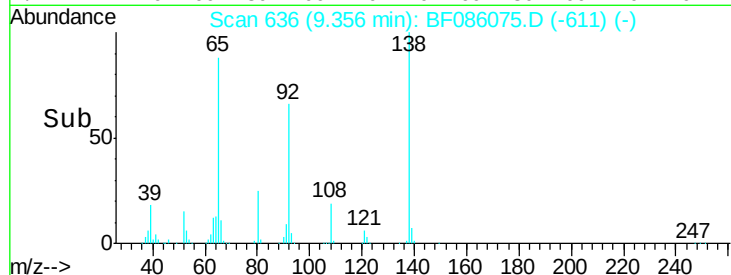
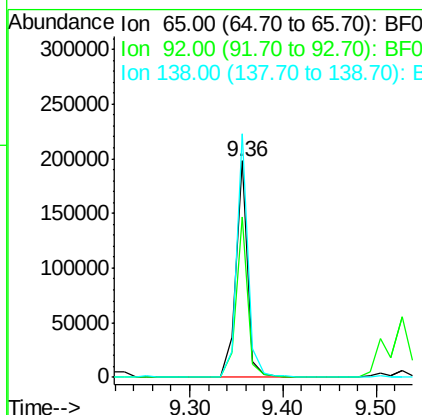
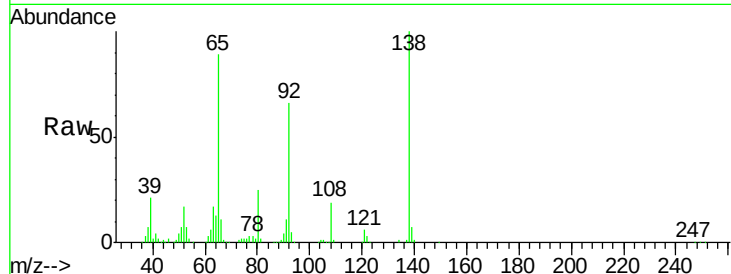




#47
2-Nitroaniline
Concen: 50.04 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

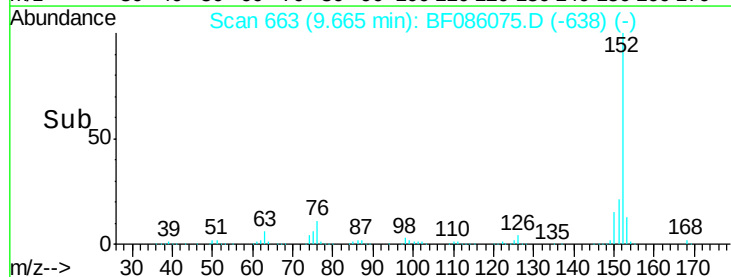
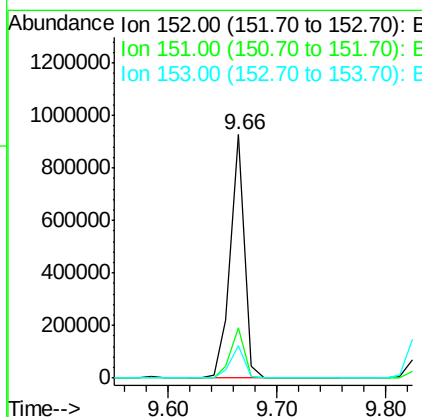
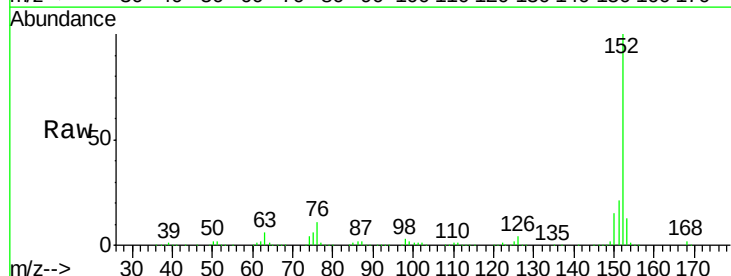
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

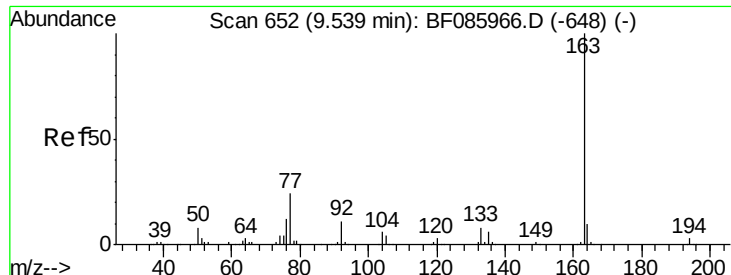
Tot Ion: 65 Resp: 176404
Ion Ratio Lower Upper
65 100
92 74.1 59.7 89.5
138 112.6 91.4 137.0



#48
Acenaphthylene
Concen: 42.94 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion: 152 Resp: 828780
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.4 10.9 16.3

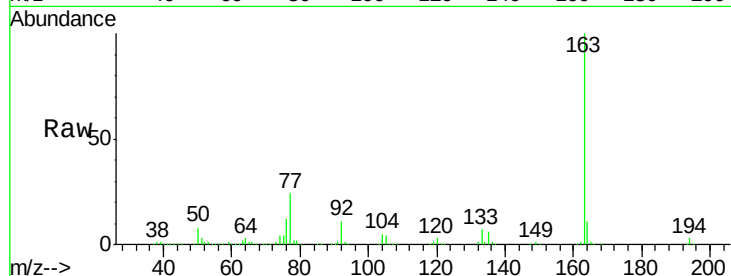




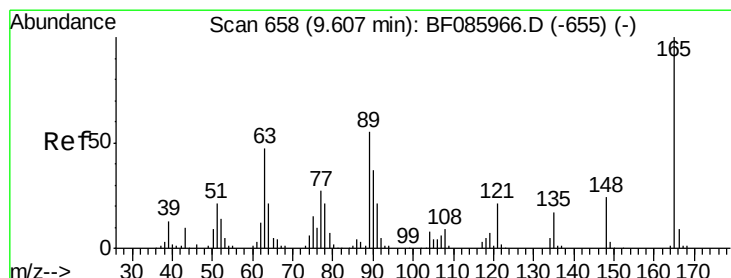
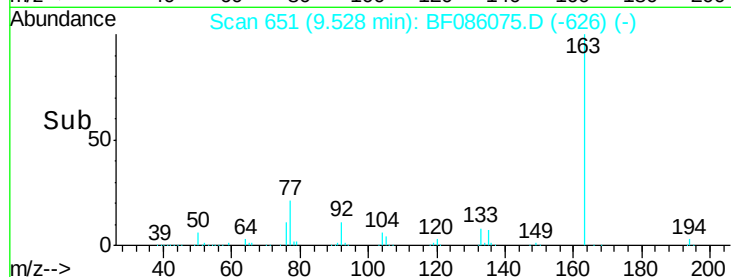
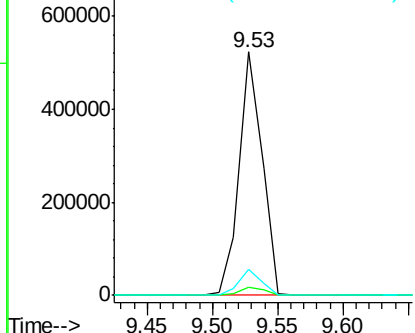
#49
Dimethylphthalate
Concen: 44.70 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion:163 Resp: 638740
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 10.5 8.3 12.5

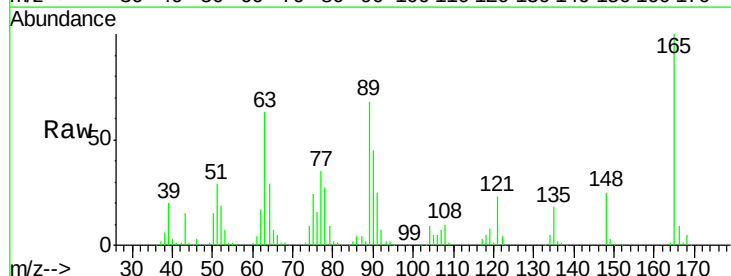


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

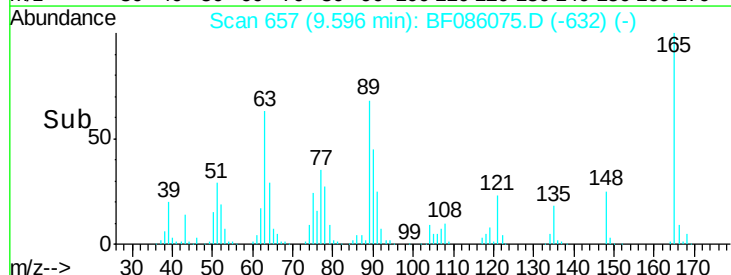
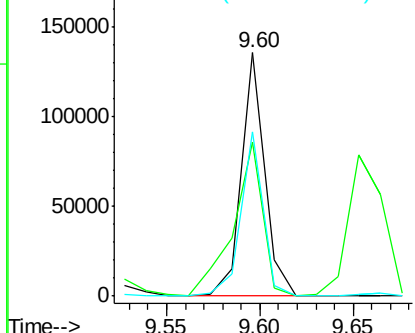


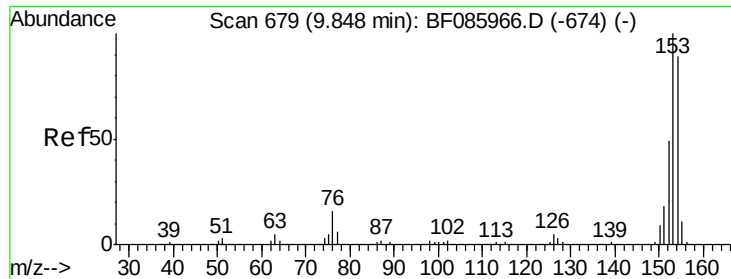
#50
2,6-Dinitrotoluene
Concen: 39.13 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion:165 Resp: 118288
Ion Ratio Lower Upper
165 100
63 63.2 51.8 77.8
89 67.5 53.7 80.5



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

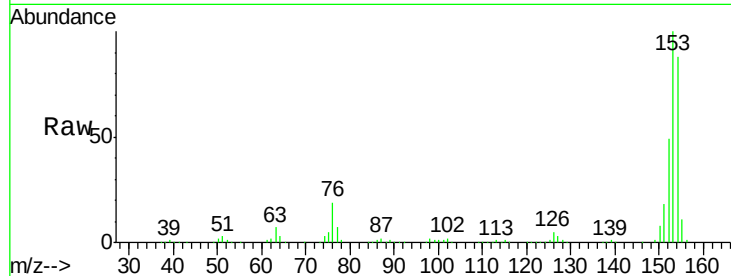




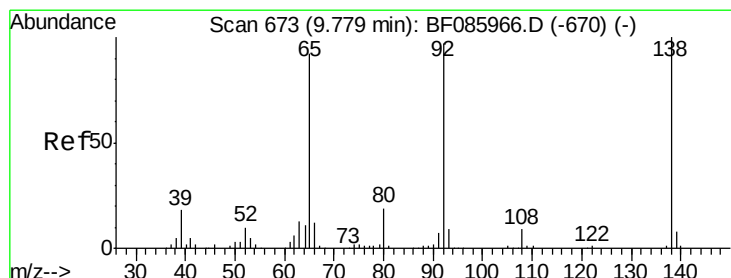
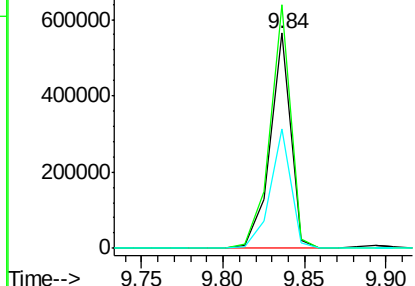
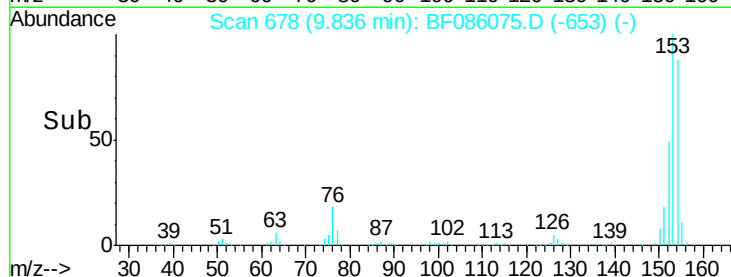
#51
Acenaphthene
Concen: 43.35 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion:154 Resp: 497624
Ion Ratio Lower Upper
154 100
153 113.2 90.1 135.1
152 55.6 44.2 66.2

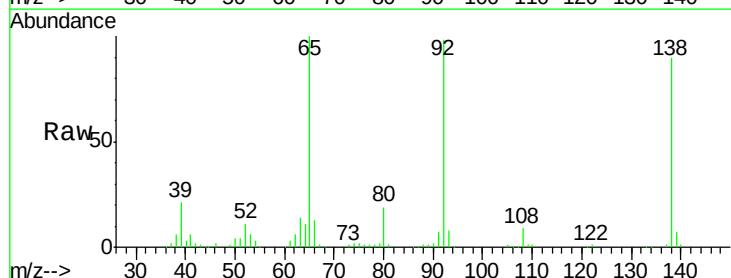


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

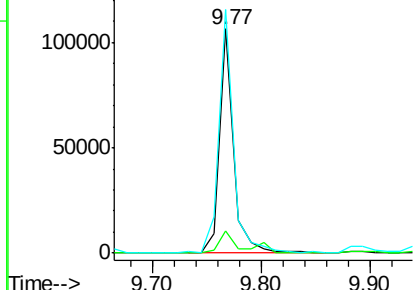
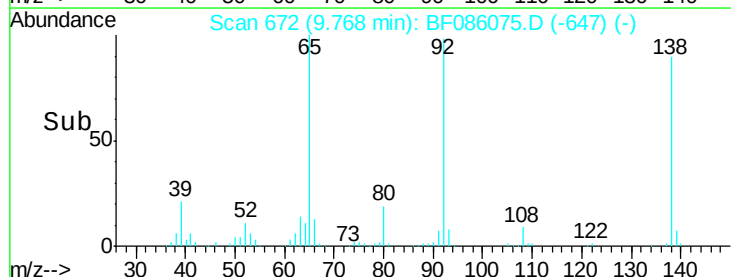


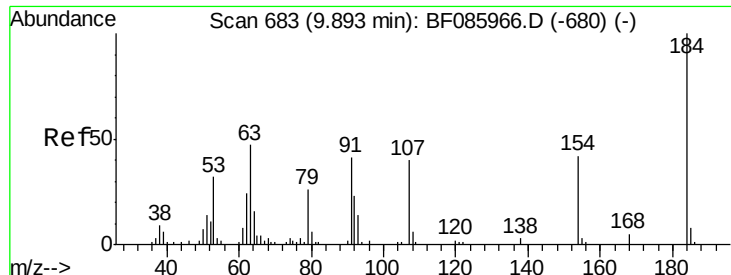
#52
3-Nitroaniline
Concen: 26.70 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion:138 Resp: 97274
Ion Ratio Lower Upper
138 100
108 10.2 8.7 13.1
92 108.5 93.3 139.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

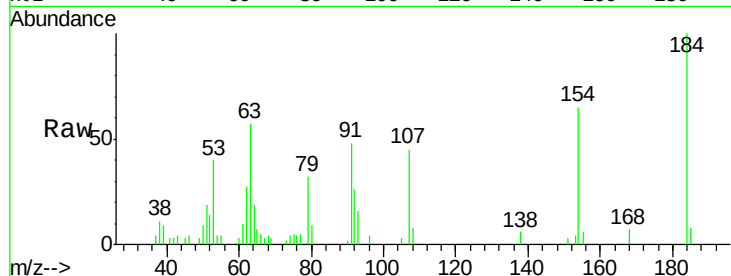




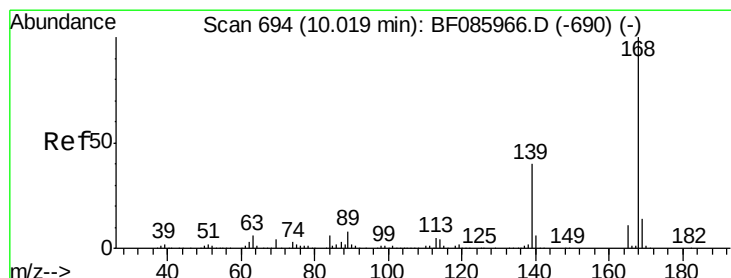
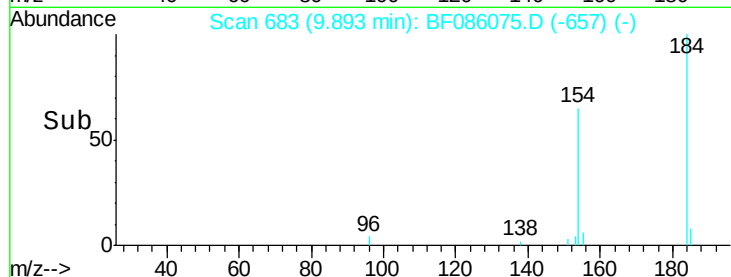
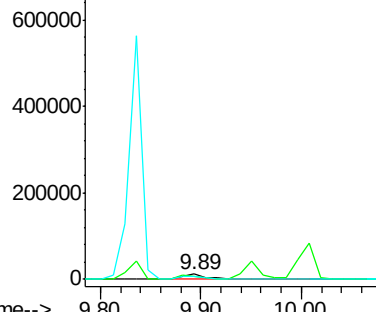
#53
 2,4-Dinitrophenol
 Concen: 19.10 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion:184 Resp: 21940
 Ion Ratio Lower Upper
 184 100
 63 57.3 69.5 104.3#
 154 65.3 58.3 87.5

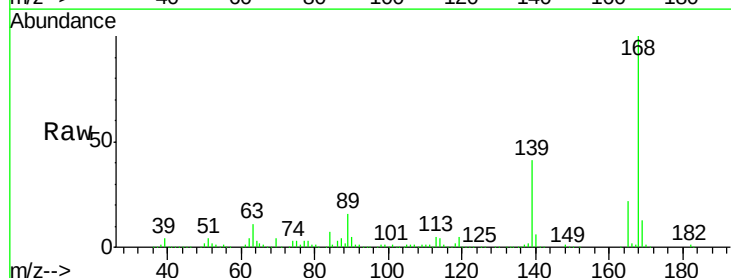


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

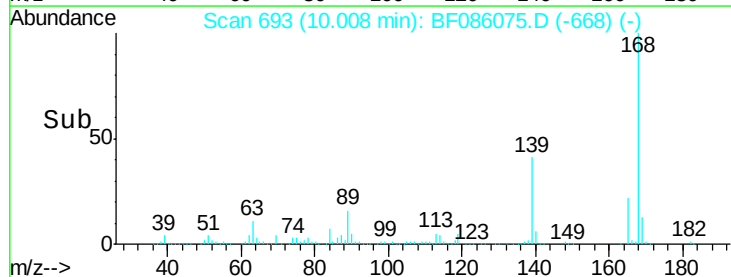
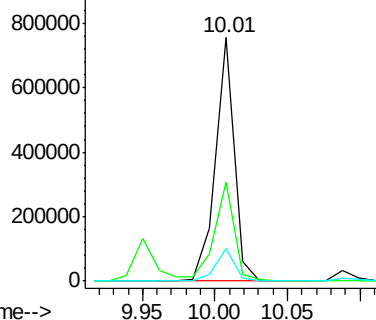


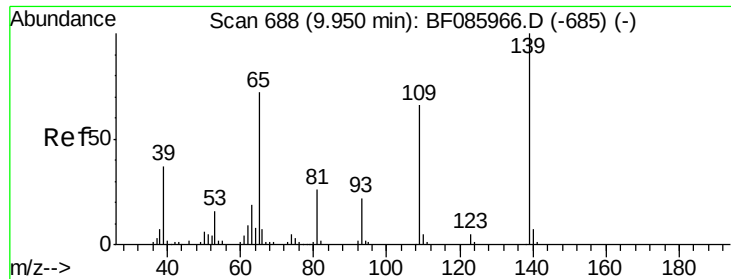
#54
 Dibenzofuran
 Concen: 44.75 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion:168 Resp: 678435
 Ion Ratio Lower Upper
 168 100
 139 40.8 31.9 47.9
 169 13.4 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 67.55 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

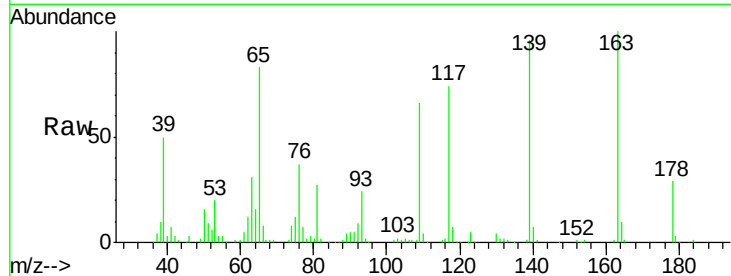
Tot Ion:139 Resp: 145094

Ion Ratio Lower Upper

139 100

109 68.9 49.2 89.2

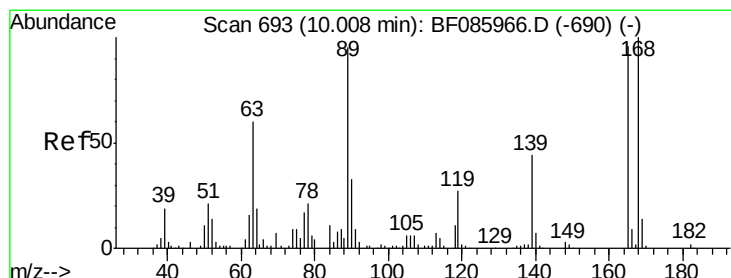
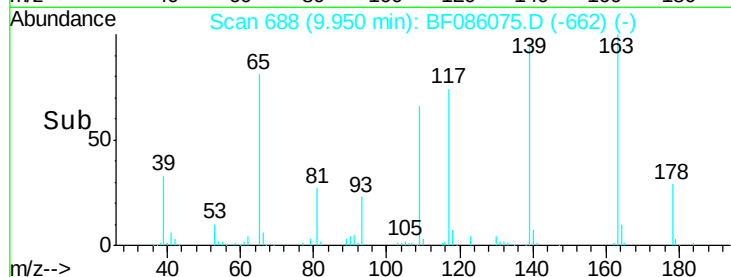
65 86.8 66.9 106.9



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: 38.93 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Tgt Ion:165 Resp: 148720

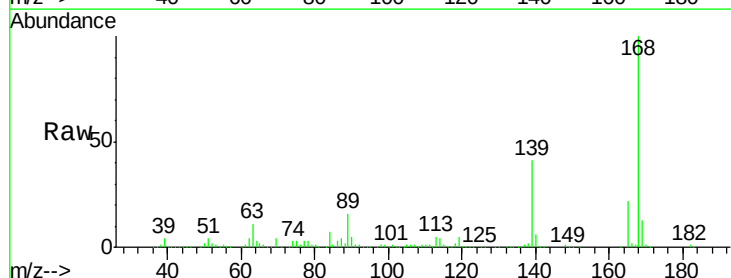
Ion Ratio Lower Upper

165 100

63 51.0 24.9 37.3#

89 73.5 41.0 61.6#

182 2.6 2.1 3.1

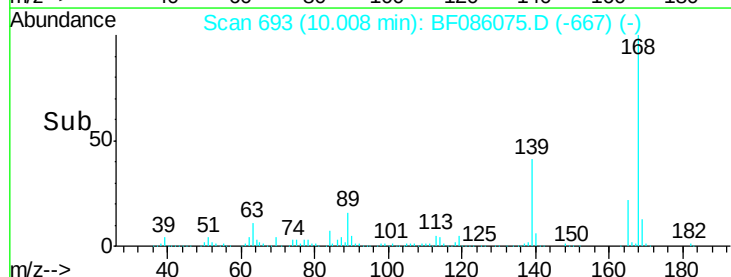


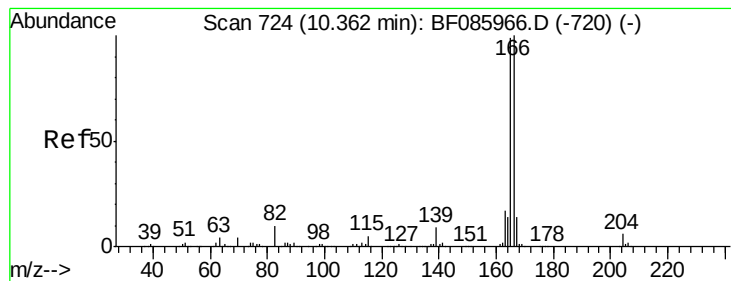
Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.70 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

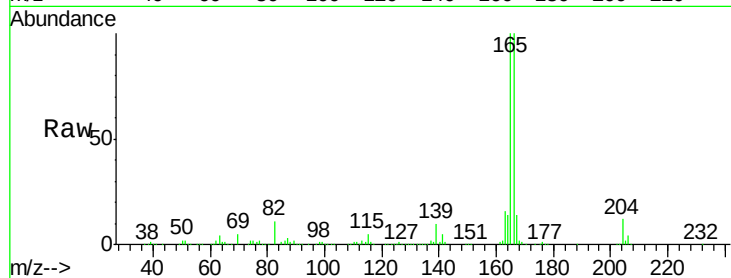
Tot Ion:166 Resp: 540057

Ion Ratio Lower Upper

166 100

165 100.4 79.4 119.0

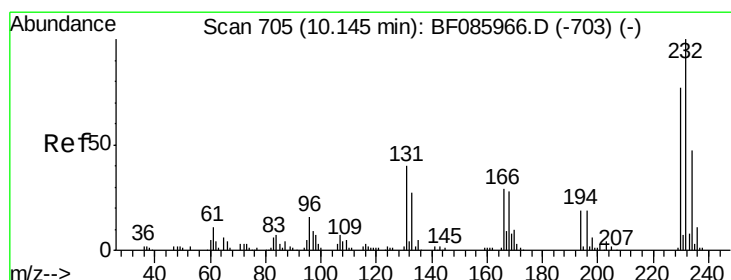
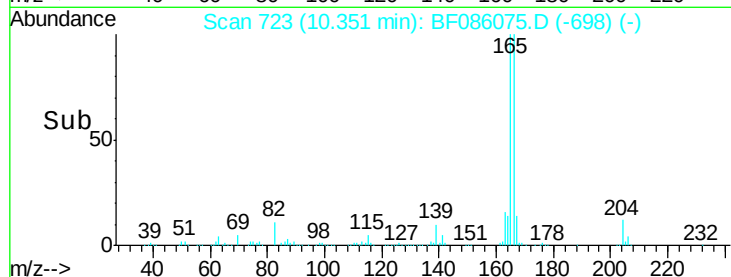
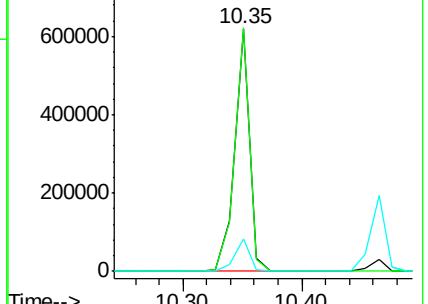
167 13.6 11.0 16.4



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: 45.36 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Tgt Ion:232 Resp: 127576

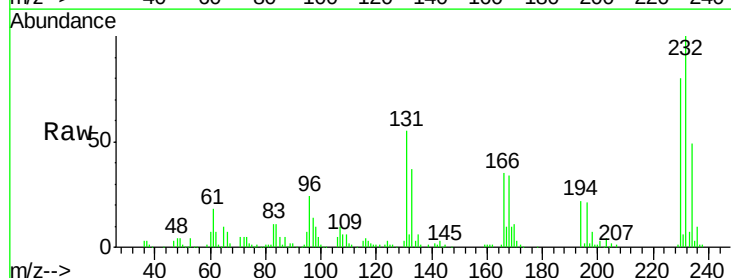
Ion Ratio Lower Upper

232 100

131 51.6 44.9 67.3

130 2.3 2.3 3.5#

166 32.7 28.1 42.1

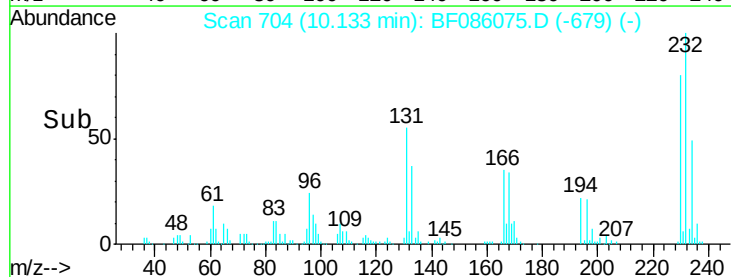
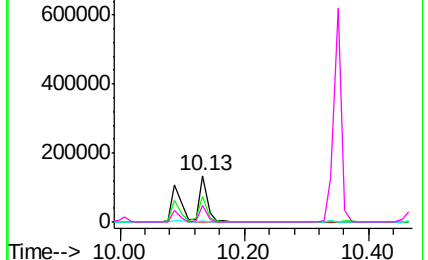


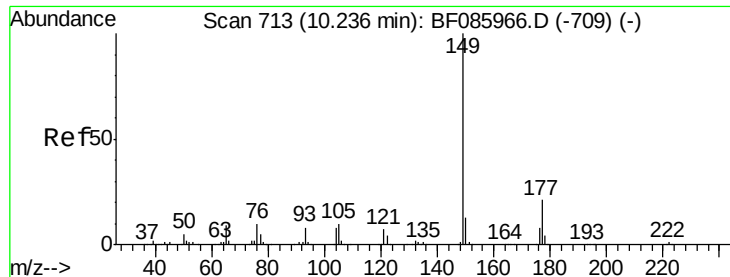
Abundance Ion 232.00 (231.70 to 232.70): E

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

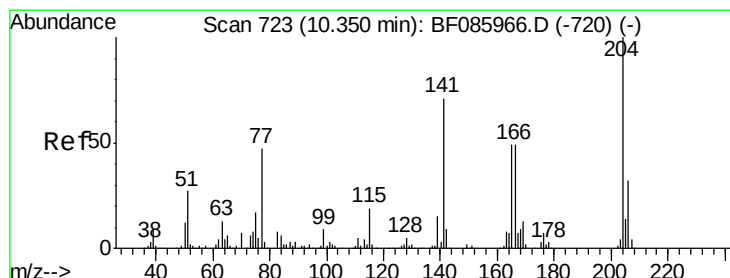
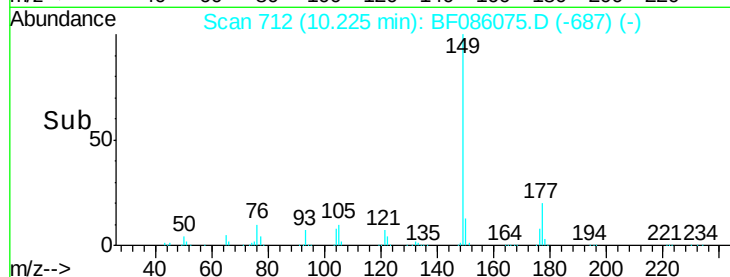
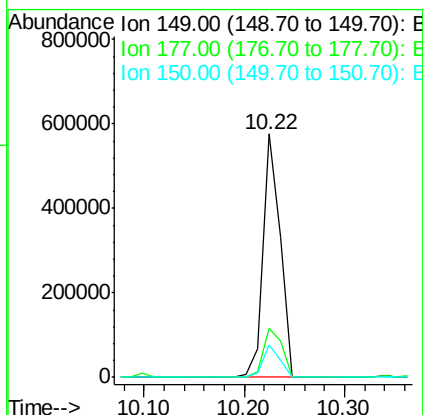
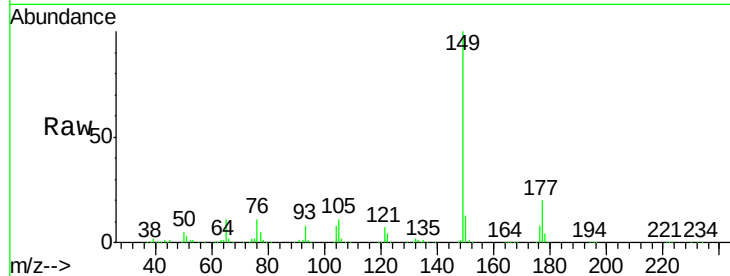




#59
Diethylphthalate
Concen: 46.78 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

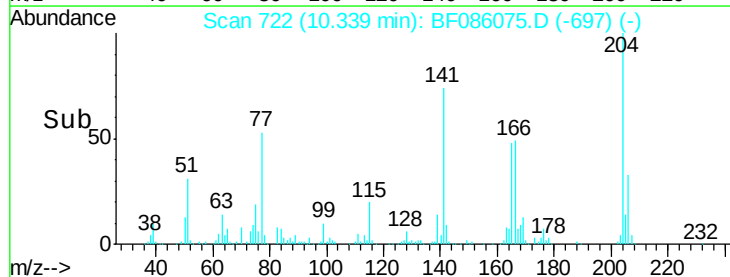
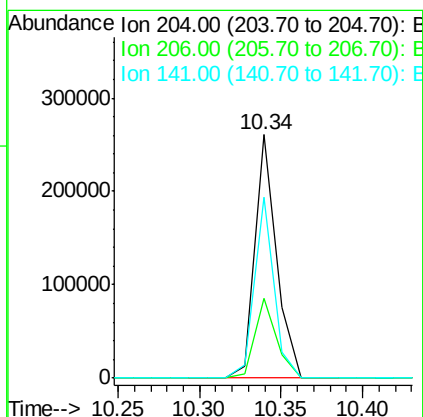
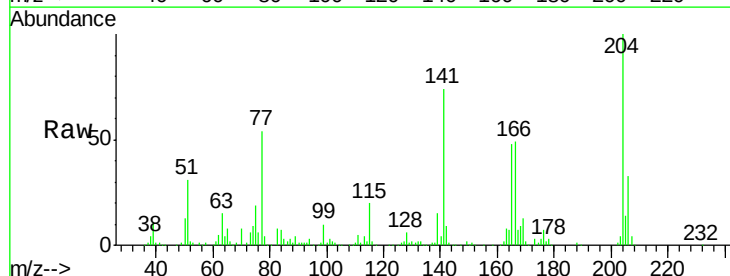
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

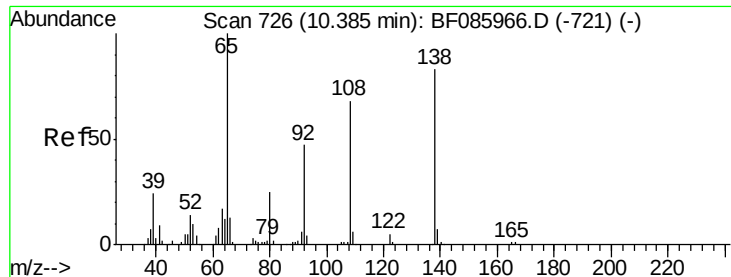
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.1	17.9	26.9
150	13.1	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.92 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	74.3	57.4	86.0

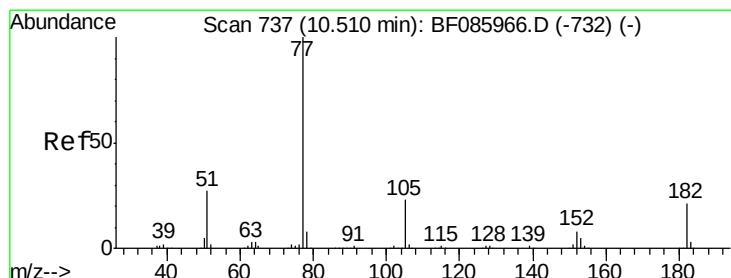
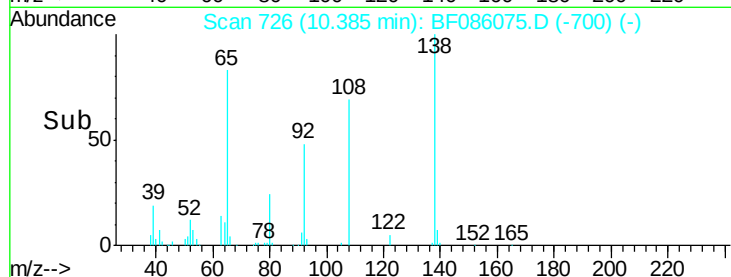
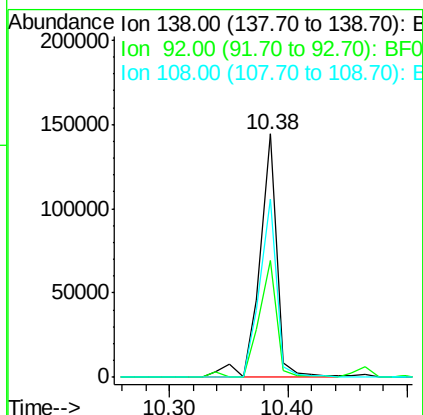
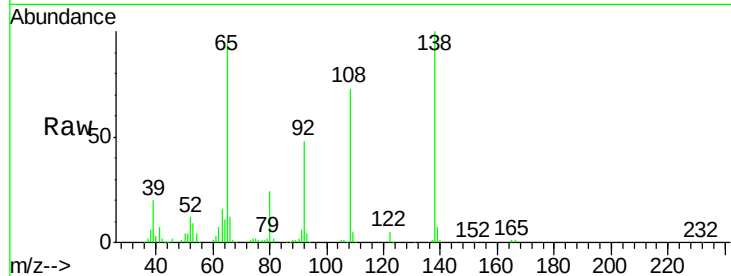




#61
4-Nitroaniline
Concen: 41.29 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

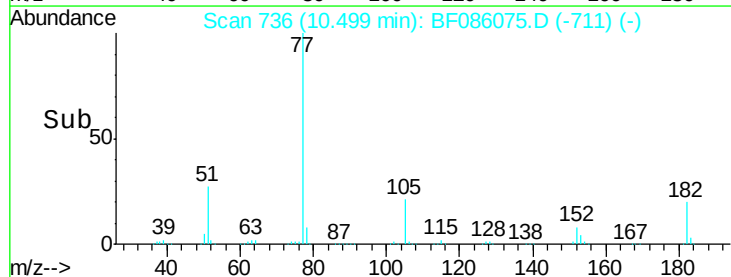
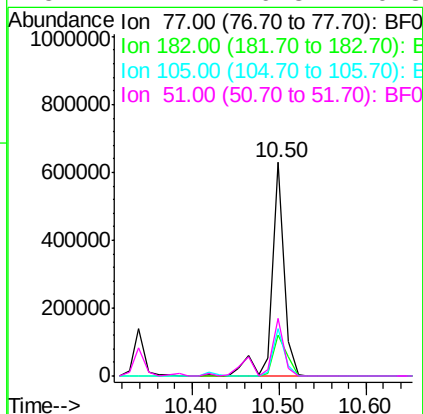
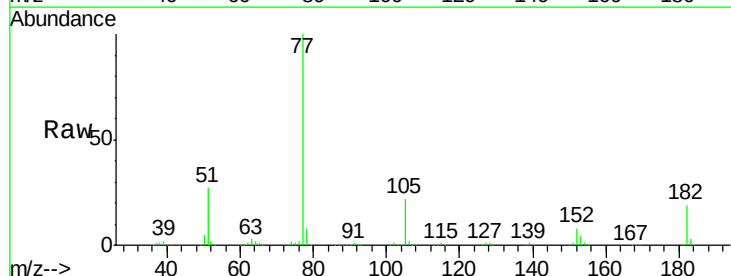
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

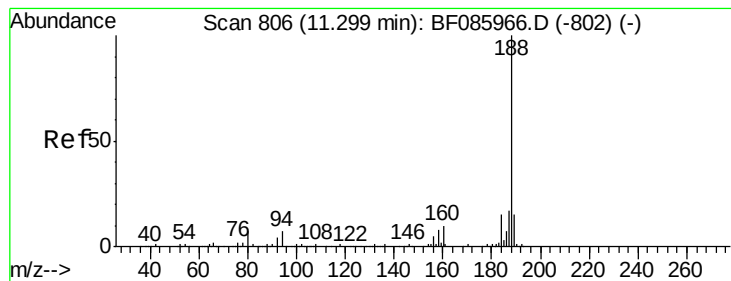
Tot Ion:138 Resp: 148147
Ion Ratio Lower Upper
138 100
92 48.2 26.4 66.4
108 73.4 49.0 89.0



#62
Azobenzene
Concen: 43.72 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion: 77 Resp: 603907
Ion Ratio Lower Upper
77 100
182 19.4 1.9 41.9
105 22.3 3.5 43.5
51 27.1 6.3 46.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

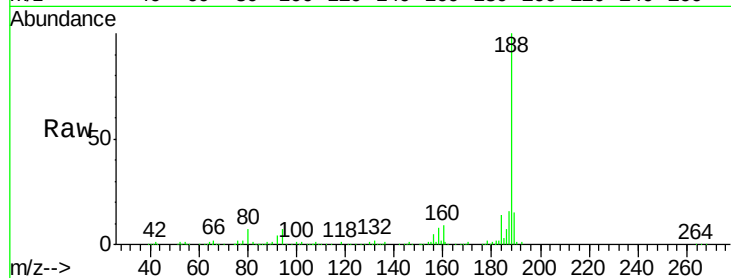
Tot Ion:188 Resp: 297946

Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.0

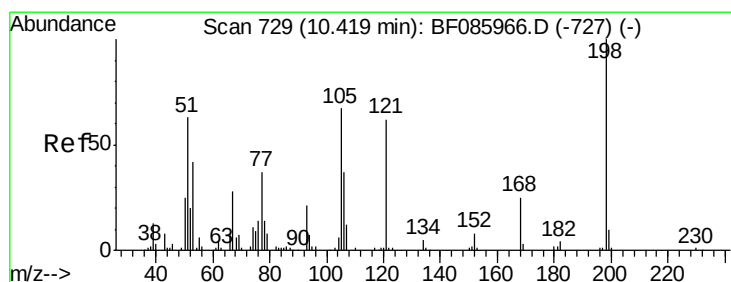
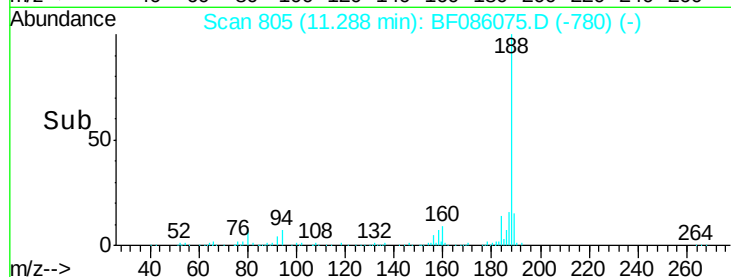
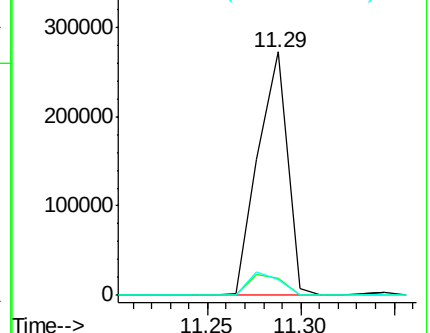
80 6.6 5.5 8.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 10.70 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

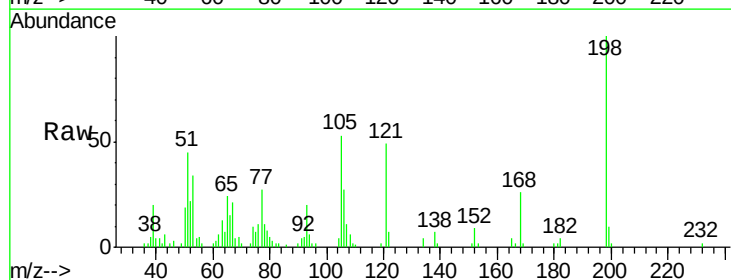
Tgt Ion:198 Resp: 19326

Ion Ratio Lower Upper

198 100

51 44.7 45.4 85.4#

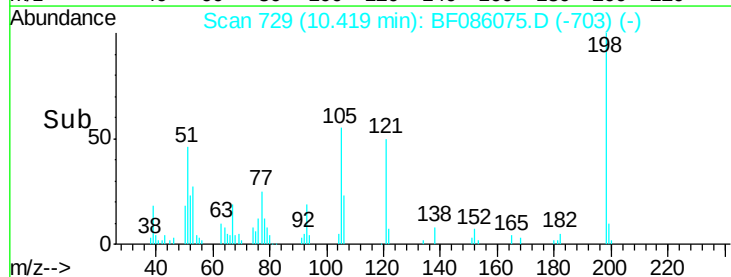
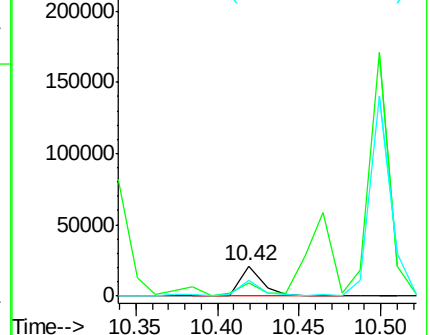
105 52.7 45.9 85.9

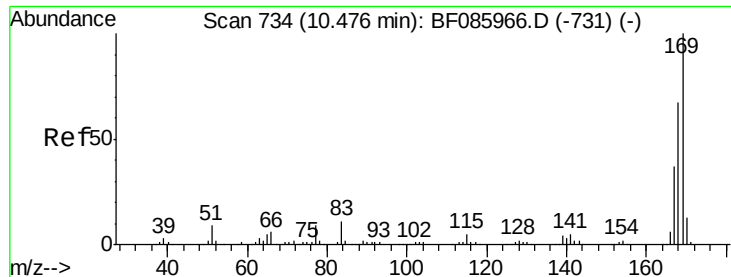


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

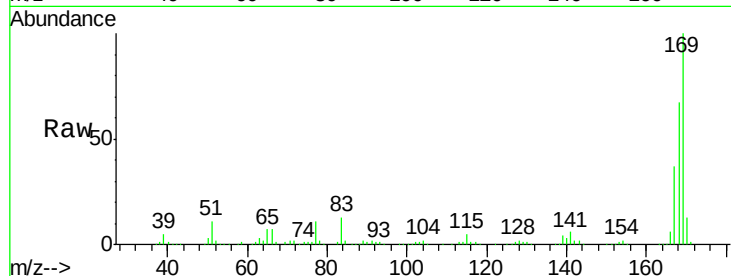




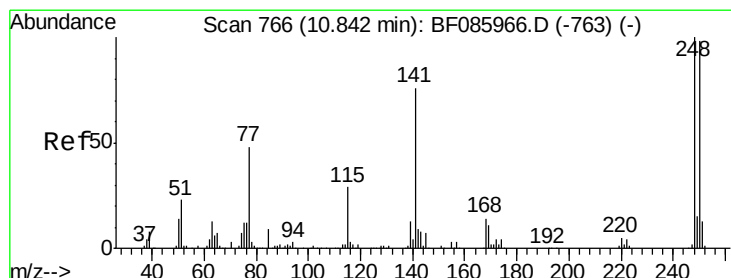
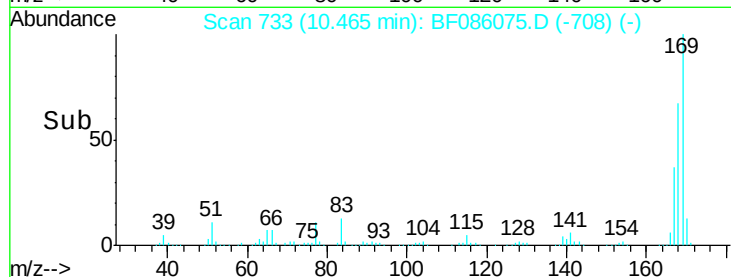
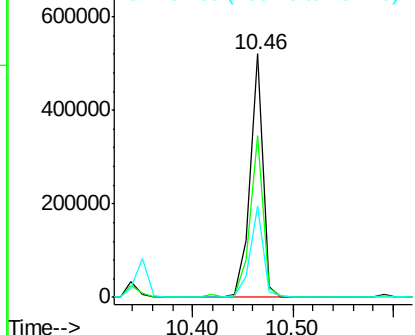
#65
 n-Nitrosodiphenylamine
 Concen: 49.70 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion:169 Resp: 463112
 Ion Ratio Lower Upper
 169 100
 168 66.7 54.4 81.6
 167 37.4 29.4 44.0

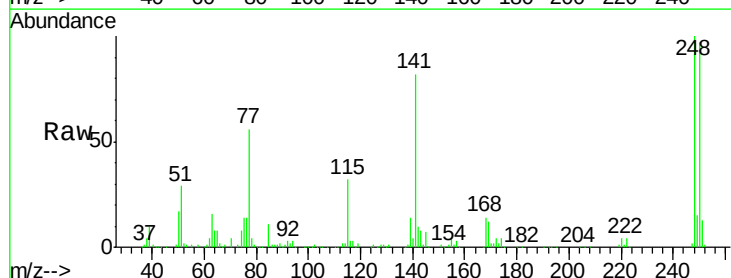


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

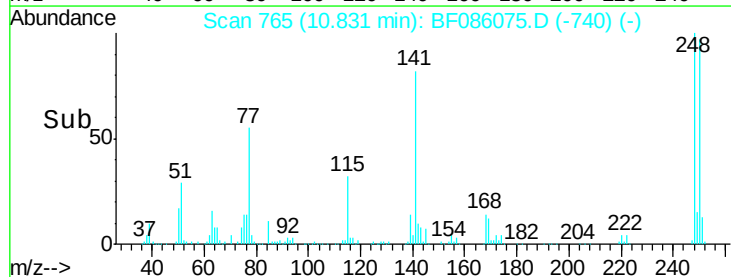
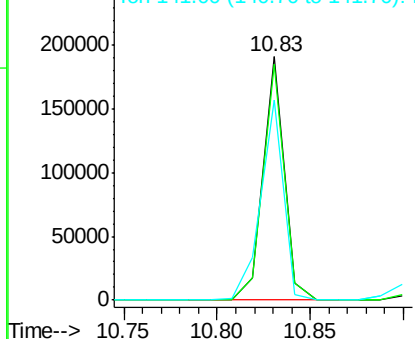


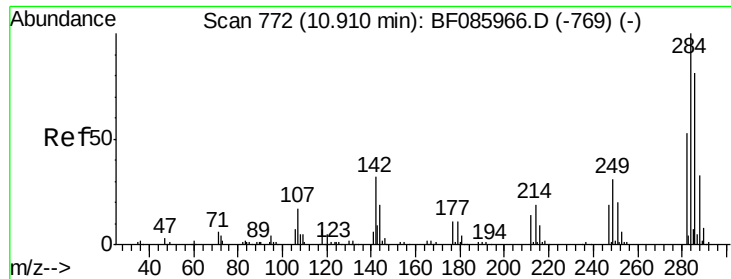
#66
 4-Bromophenyl-phenylether
 Concen: 50.28 ng
 RT: 10.83 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion:248 Resp: 152951
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.4 116.0
 141 82.2 63.6 95.4



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





#67

Hexachlorobenzene

Concen: 46.73 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

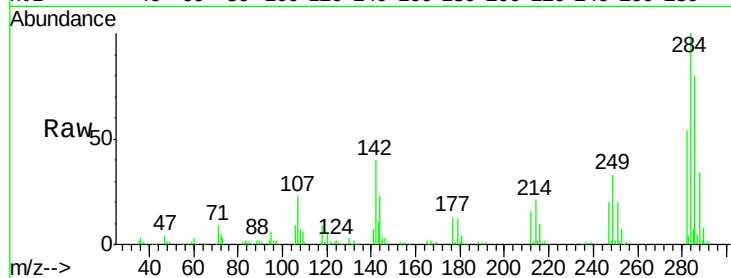
Tot Ion:284 Resp: 147008

Ion Ratio Lower Upper

284 100

142 39.6 23.1 34.7#

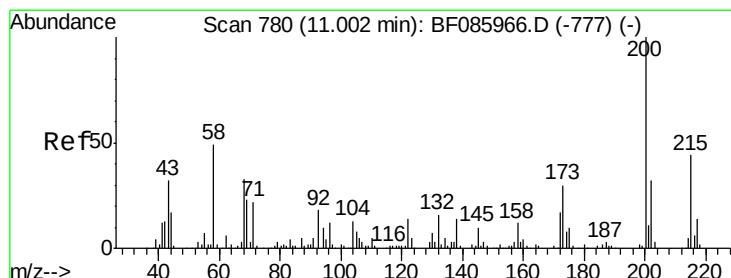
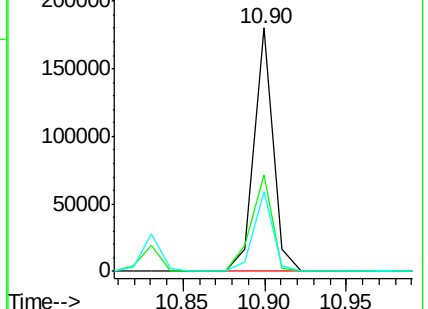
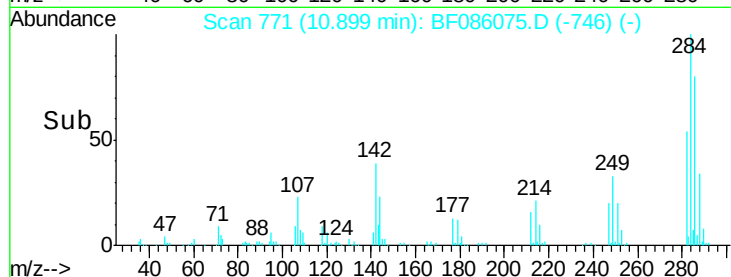
249 32.6 24.2 36.2



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: 31.45 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

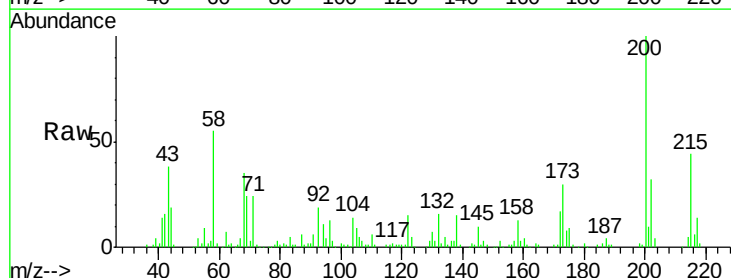
Tgt Ion:200 Resp: 94676

Ion Ratio Lower Upper

200 100

173 30.1 7.7 47.7

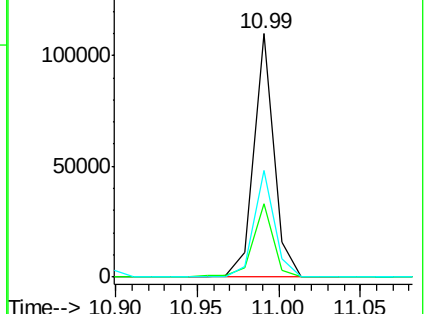
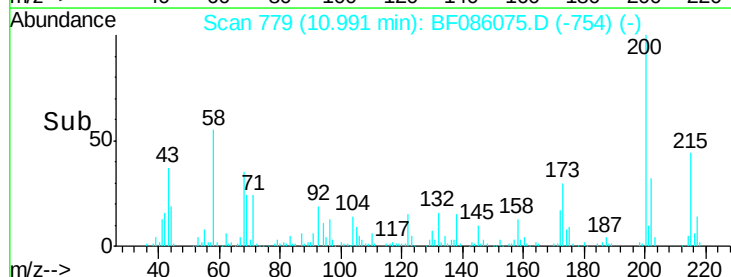
215 43.7 25.4 65.4

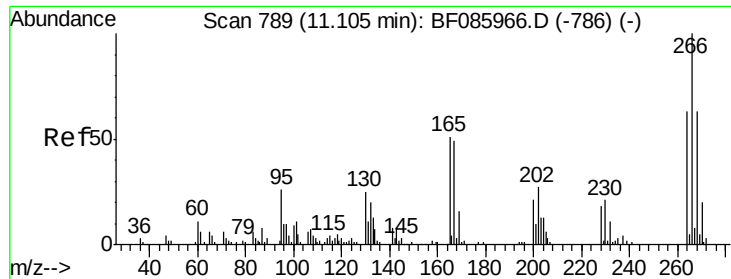


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

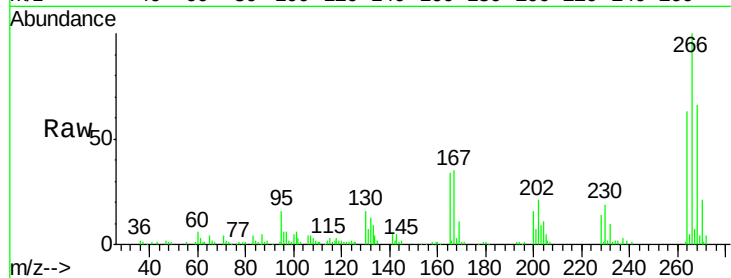




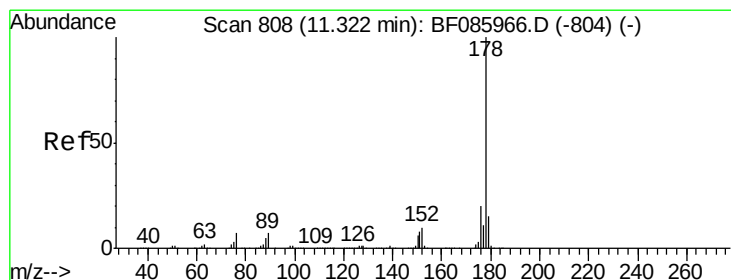
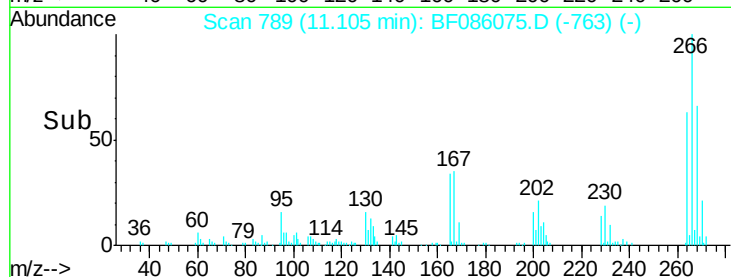
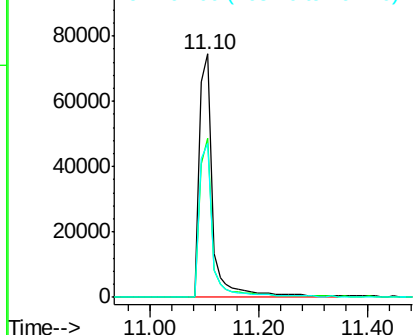
#69
 Pentachlorophenol
 Concen: 85.82 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion:266 Resp: 126524
 Ion Ratio Lower Upper
 266 100
 268 65.6 51.5 77.3
 264 63.5 50.6 76.0

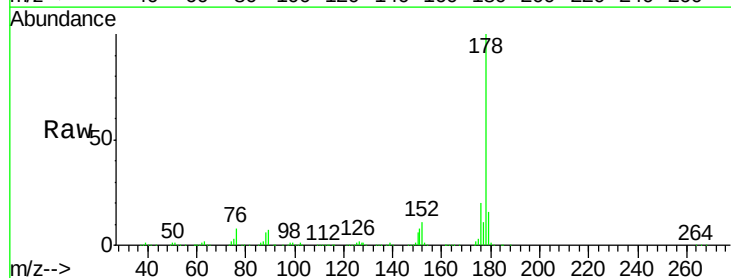


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

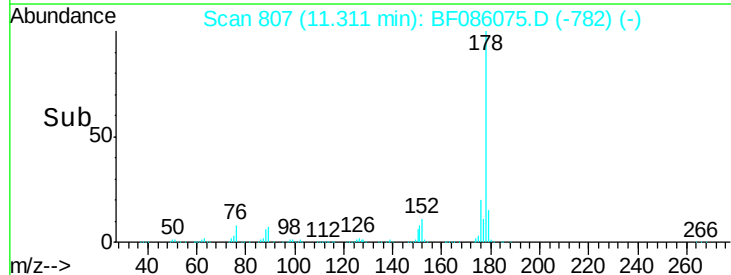
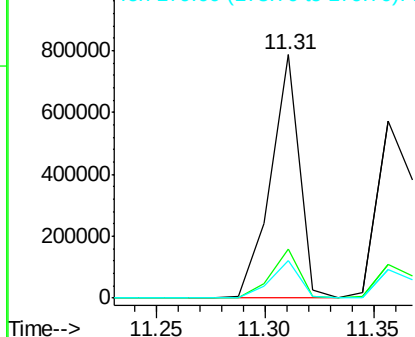


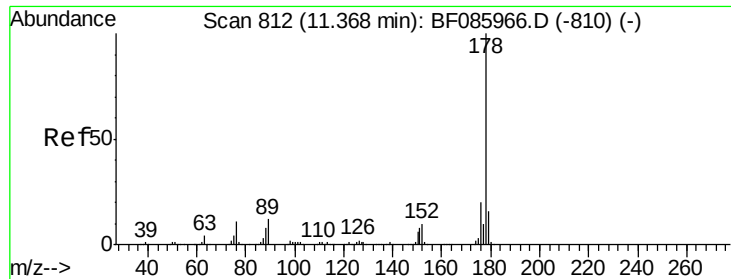
#70
 Phenanthrene
 Concen: 44.78 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion:178 Resp: 727784
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.3 24.5
 179 15.5 12.6 18.8



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

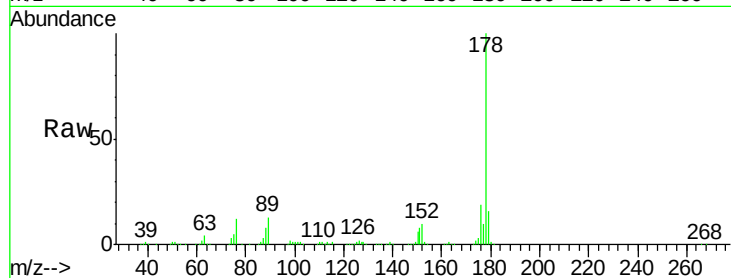




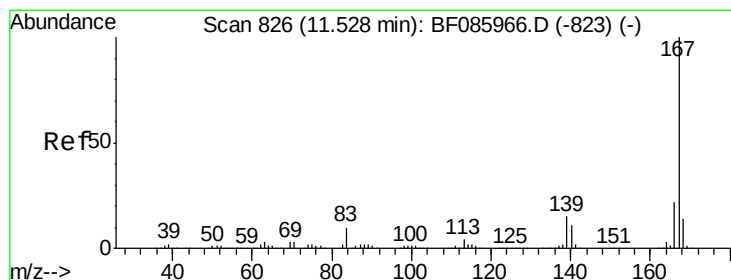
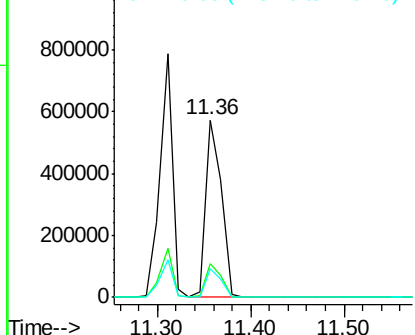
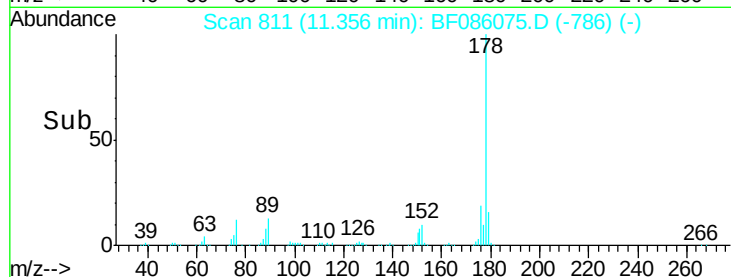
#71
 Anthracene
 Concen: 39.90 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion:178 Resp: 679340
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.9 13.0 19.4

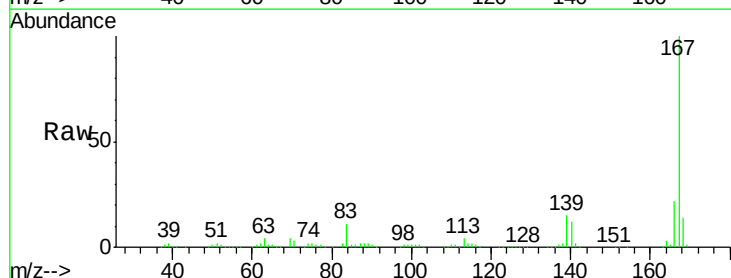


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

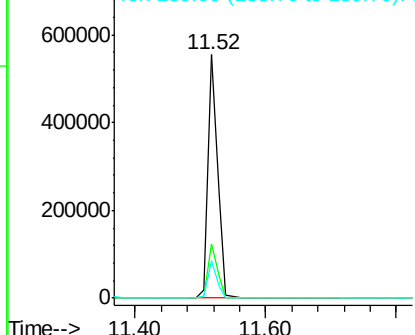
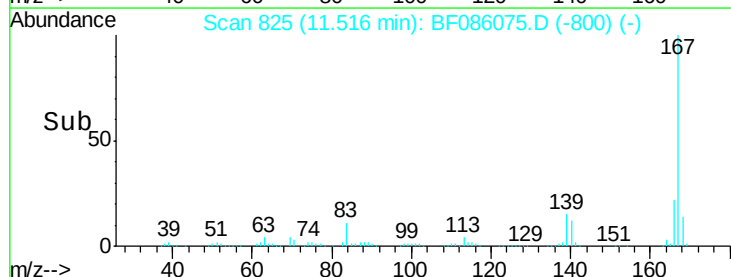


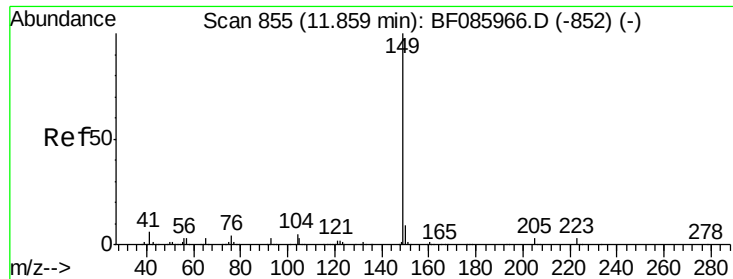
#72
 Carbazole
 Concen: 38.78 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion:167 Resp: 567552
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 15.3 11.6 17.4



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

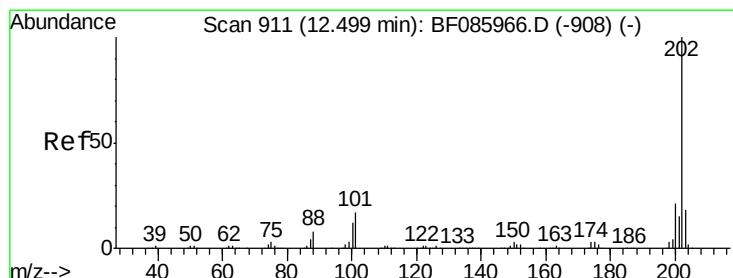
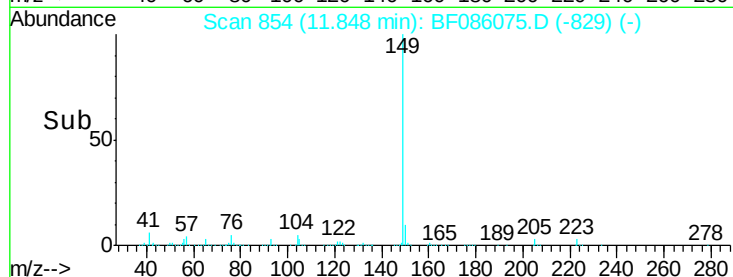
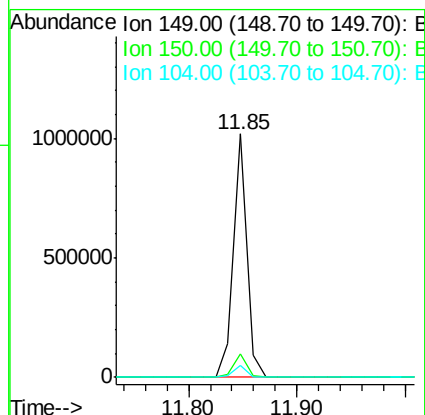
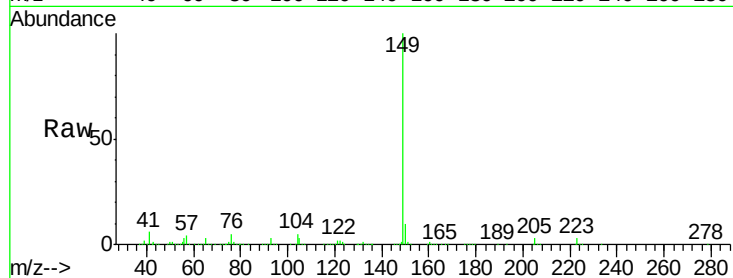




#73
Di-n-butylphthalate
Concen: 47.75 ng
RT: 11.85 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

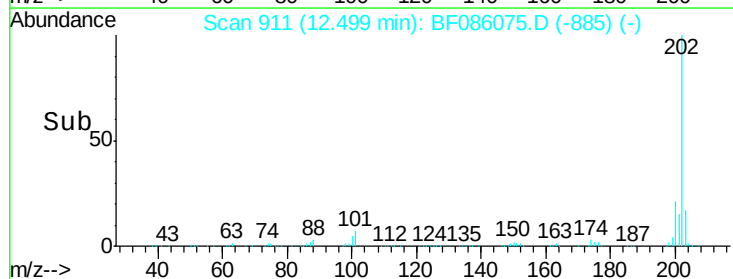
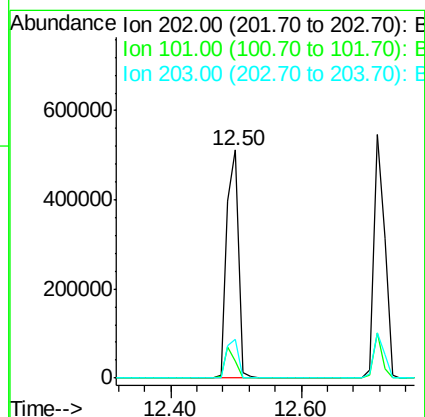
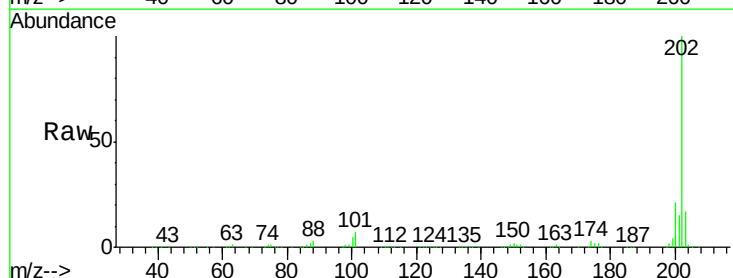
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

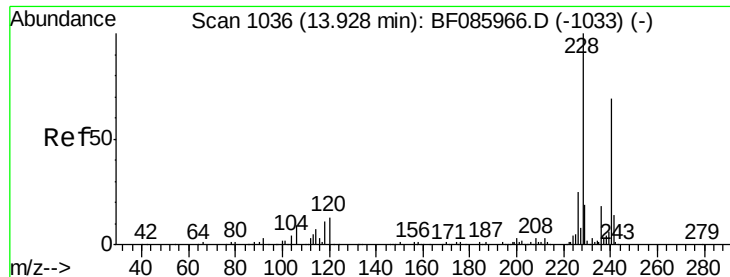
Tot Ion:149 Resp: 865963
Ion Ratio Lower Upper
149 100
150 9.7 7.6 11.4
104 5.0 3.8 5.8



#74
Fluoranthene
Concen: 37.98 ng
RT: 12.50 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion:202 Resp: 642134
Ion Ratio Lower Upper
202 100
101 7.4 0.0 36.6
203 17.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

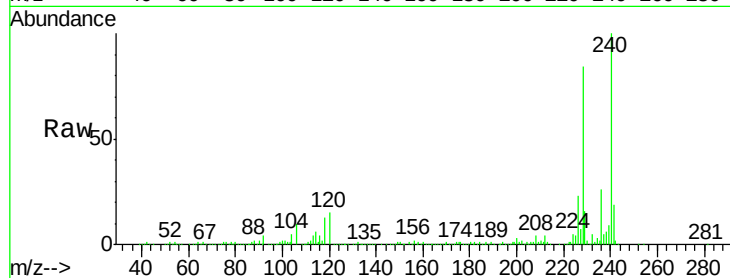
Tot Ion:240 Resp: 213431

Ion Ratio Lower Upper

240 100

120 14.6 13.8 20.8

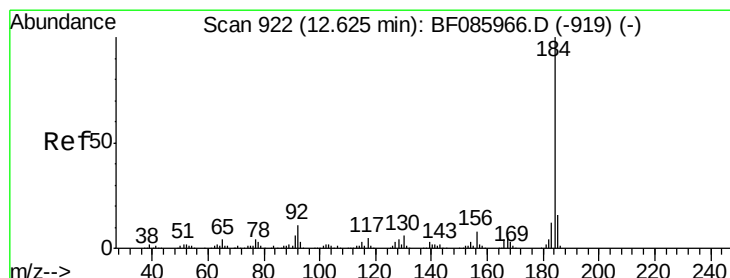
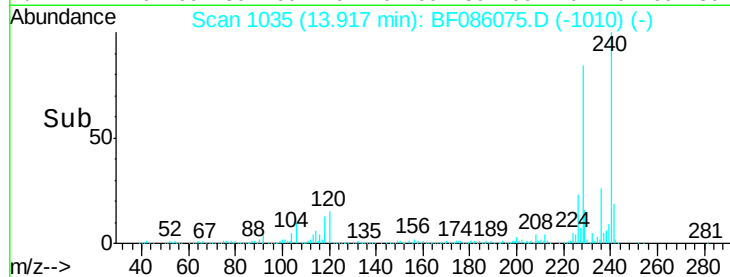
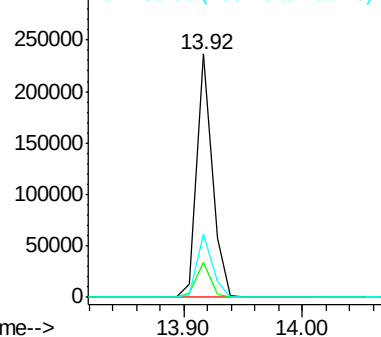
236 26.1 20.6 30.8



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: 13.19 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

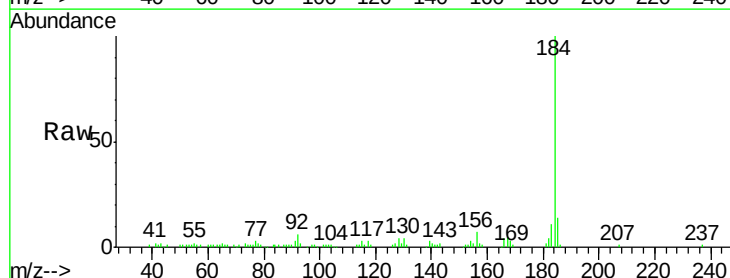
Tgt Ion:184 Resp: 99311

Ion Ratio Lower Upper

184 100

185 14.2 12.4 18.6

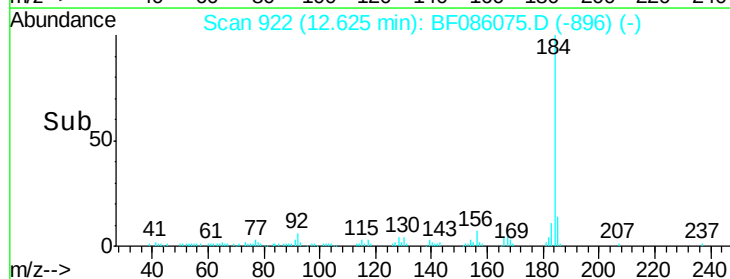
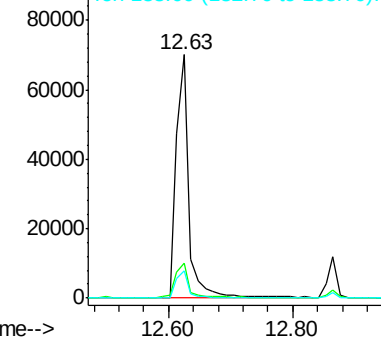
183 11.1 9.4 14.2

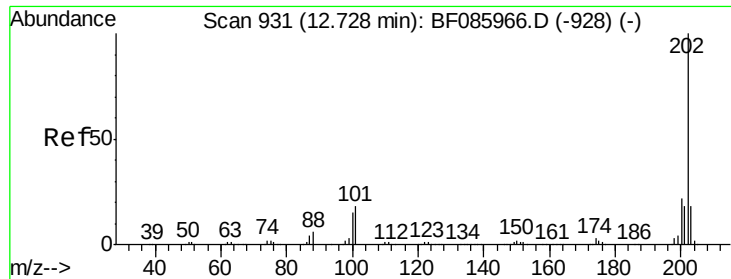


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

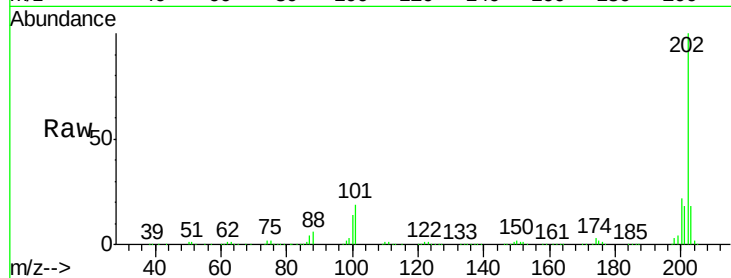




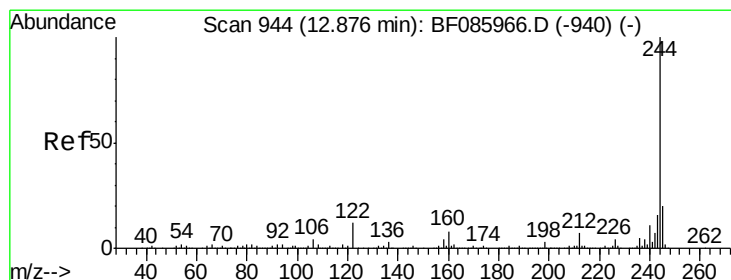
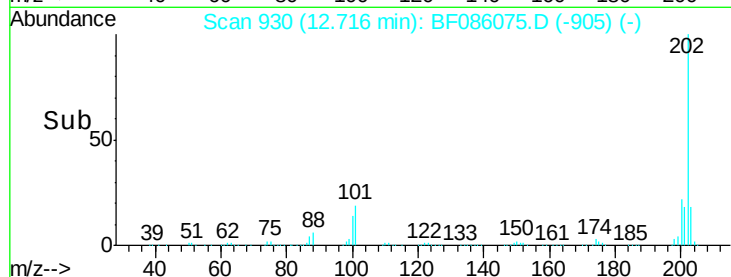
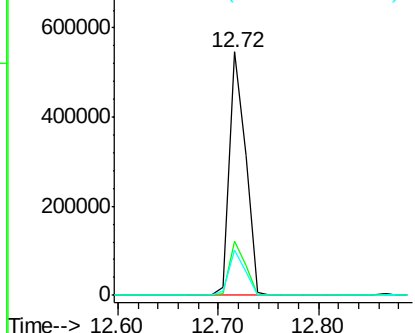
#77
 Pvrene
 Concen: 40.73 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.3	14.0	21.0

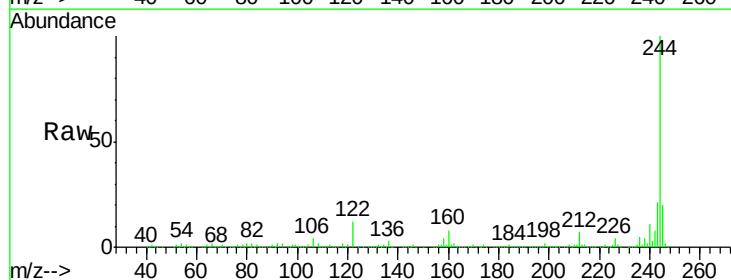


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

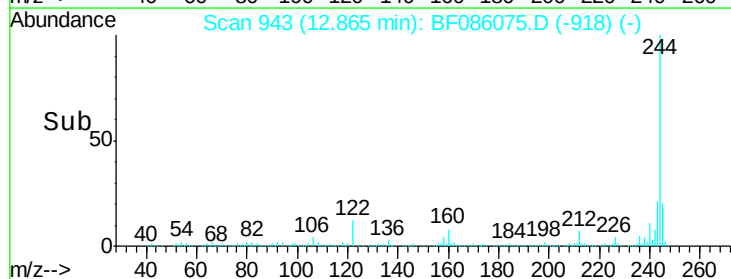
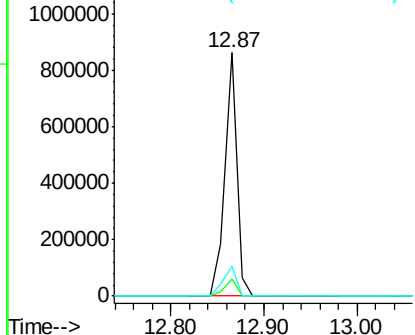


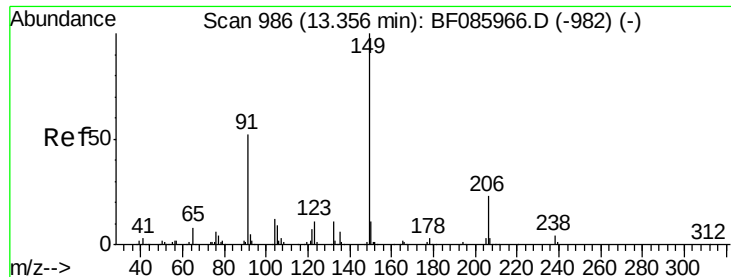
#78
 Terphenyl-d14
 Concen: 84.26 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	12.2	10.2	15.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.44 ng

RT: 13.33 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

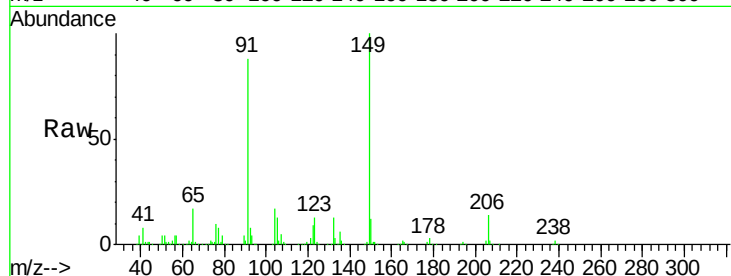
Tot Ion:149 Resp: 314497

Ion Ratio Lower Upper

149 100

91 87.9 45.8 68.8#

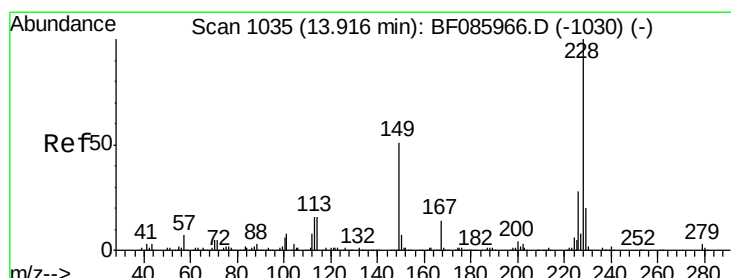
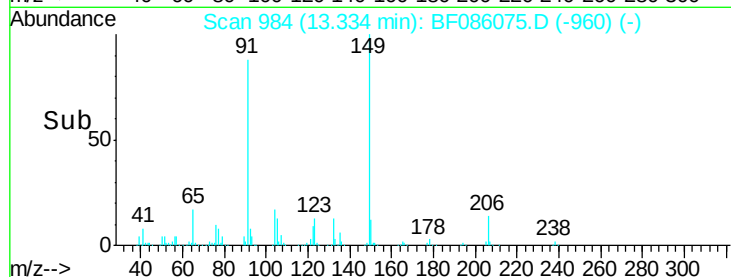
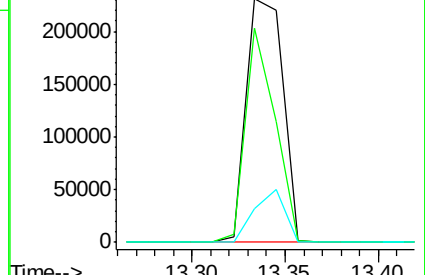
206 13.9 17.8 26.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.57 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

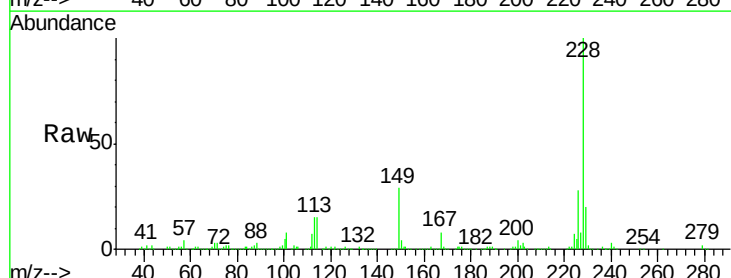
Tgt Ion:228 Resp: 497844

Ion Ratio Lower Upper

228 100

226 27.9 22.1 33.1

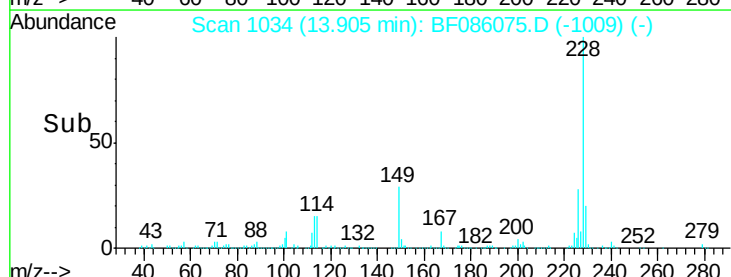
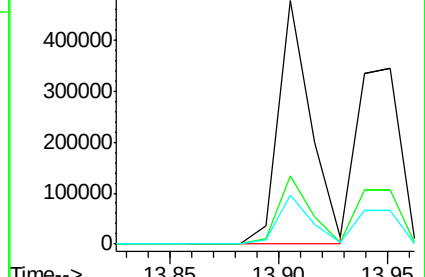
229 19.9 16.2 24.4

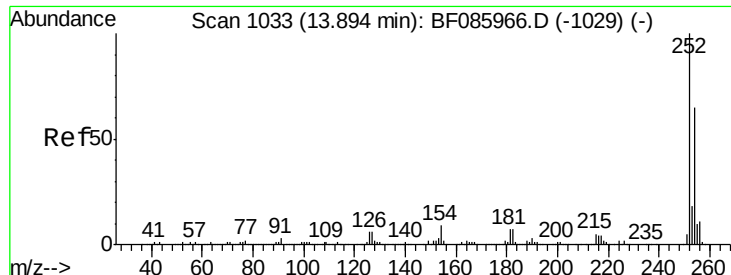


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

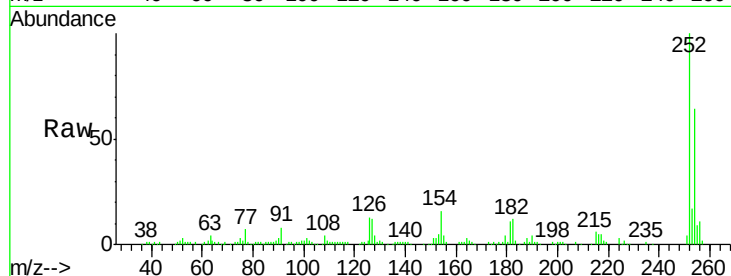




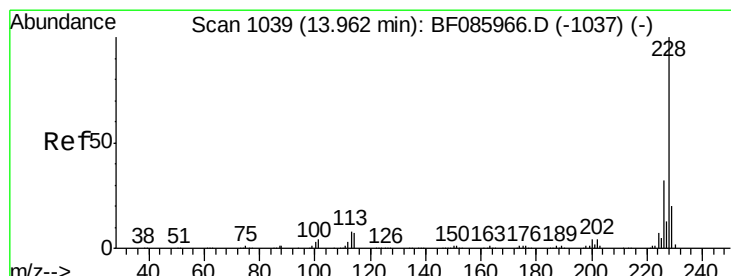
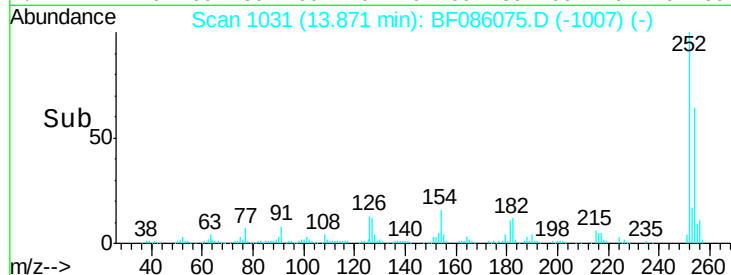
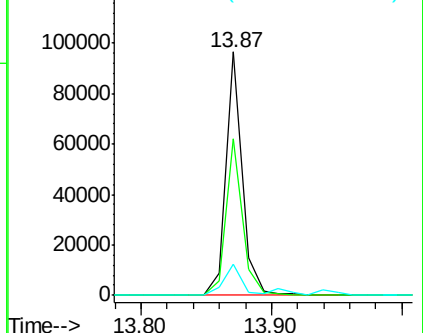
#81
 3,3'-Dichlorobenzidine
 Concen: 9.26 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion:252 Resp: 85075
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.7 76.1
 126 12.6 11.8 17.6

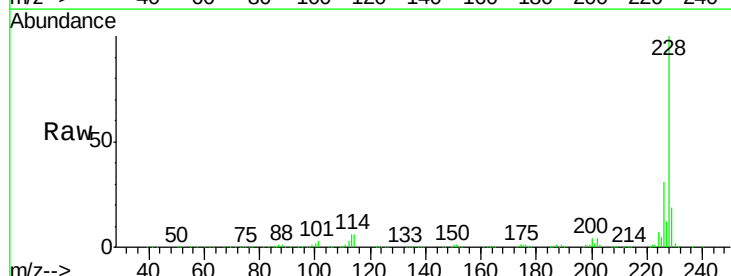


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

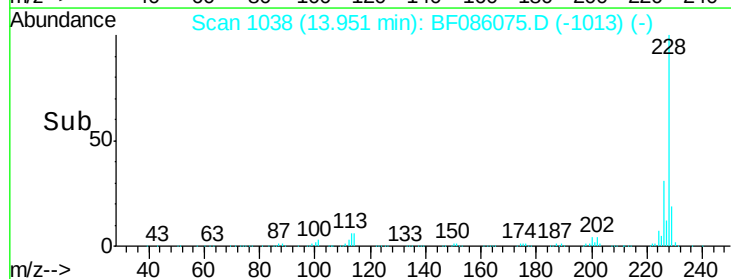
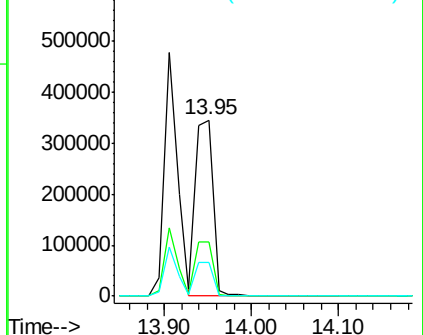


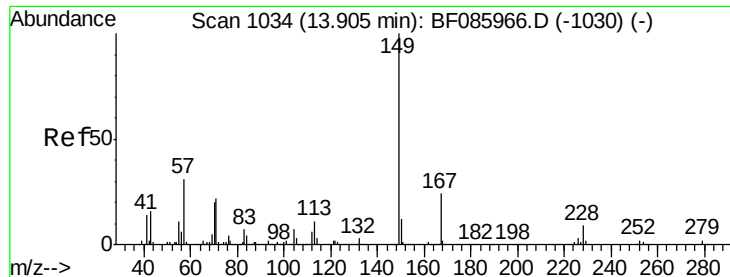
#82
 Chrysene
 Concen: 39.65 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion:228 Resp: 480486
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 19.0 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

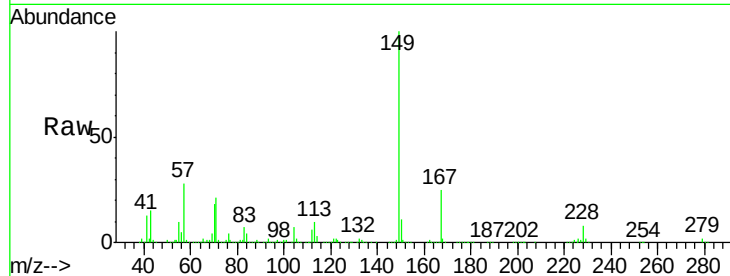




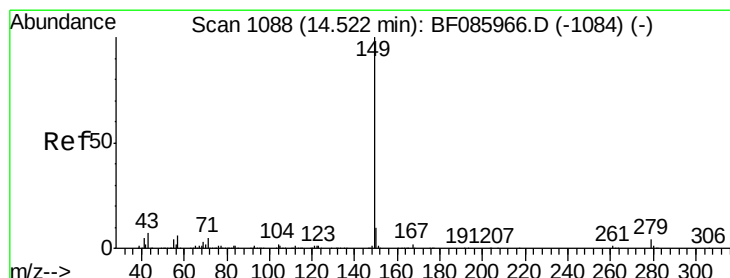
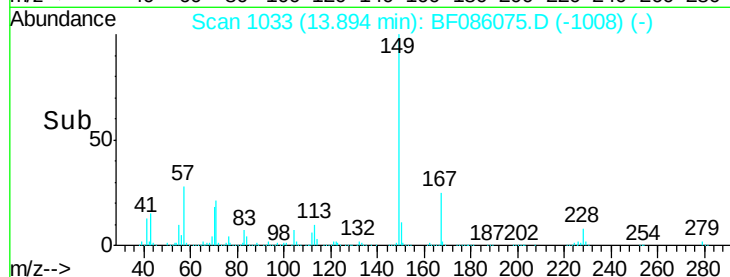
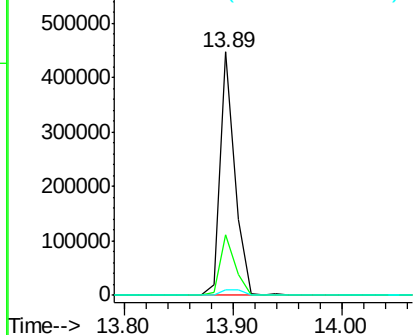
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.89 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion:149 Resp: 421452
 Ion Ratio Lower Upper
 149 100
 167 24.8 19.4 29.2
 279 2.1 1.5 2.3

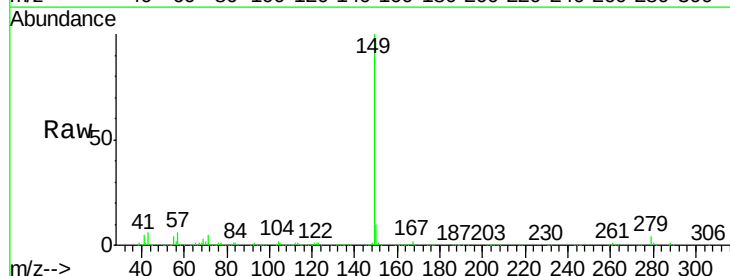


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

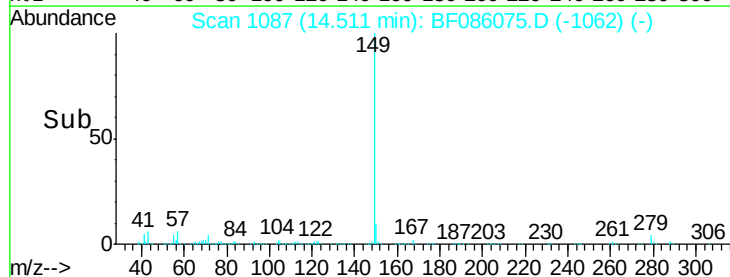
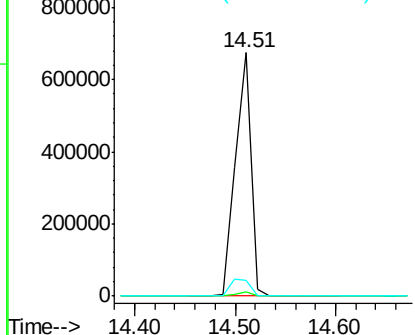


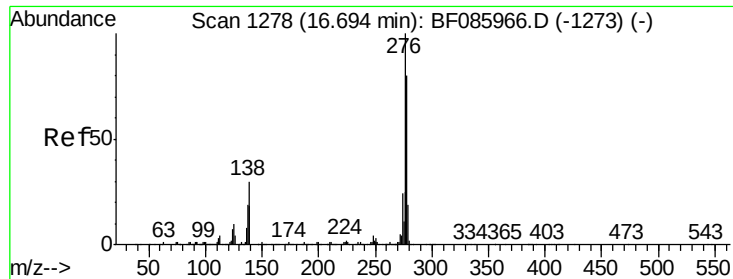
#84
 Di-n-octyl phthalate
 Concen: 50.74 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion:149 Resp: 728268
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.8 7.1 10.7



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

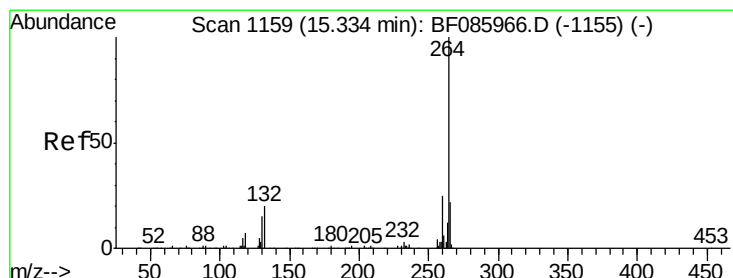
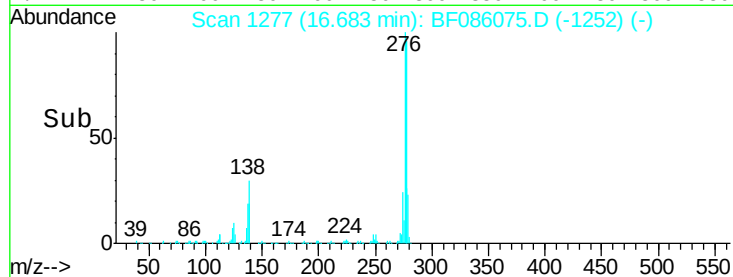
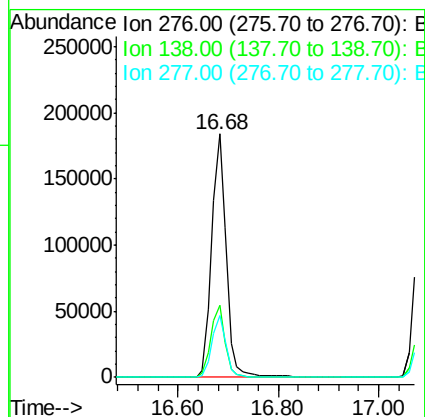
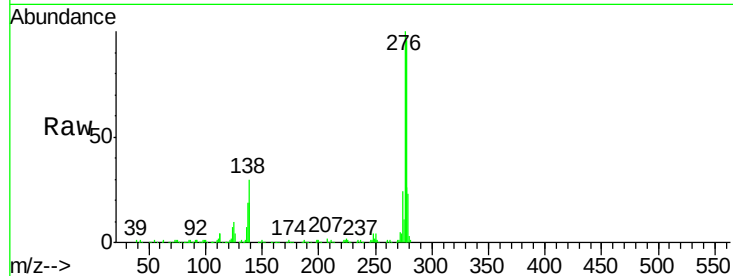




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.87 ng
 RT: 16.68 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

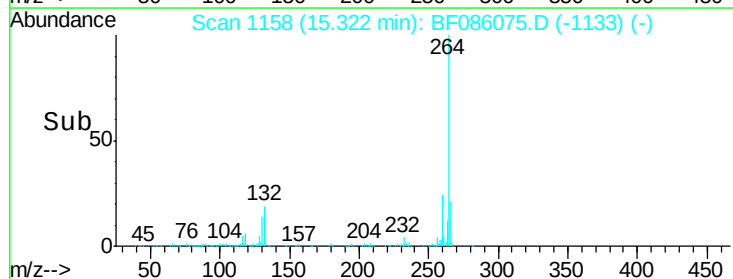
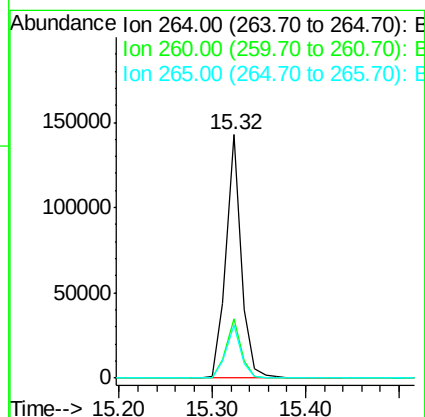
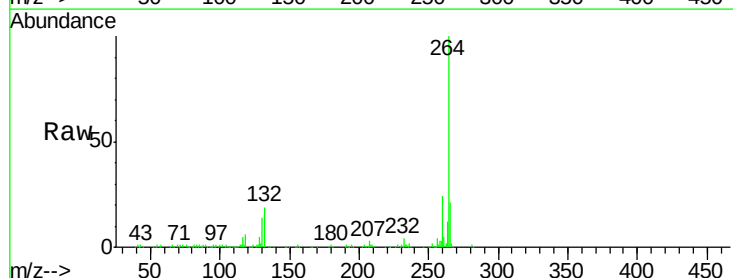
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

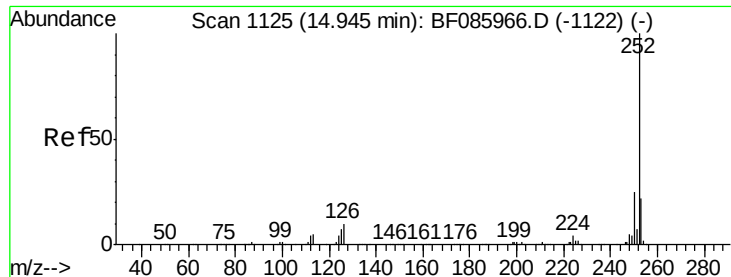
Tot Ion:	276	Resp:	372318
Ion	Ratio	Lower	Upper
276	100		
138	29.3	24.2	36.4
277	25.1	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion:	264	Resp:	162627
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.5	17.2	25.8

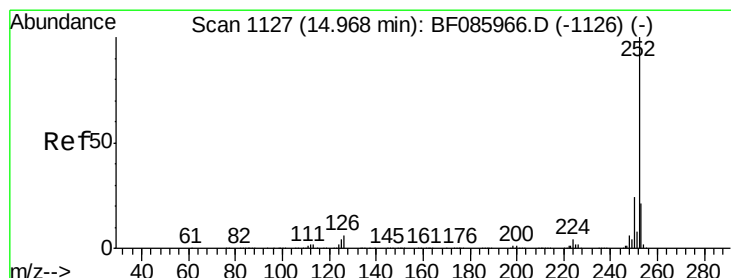
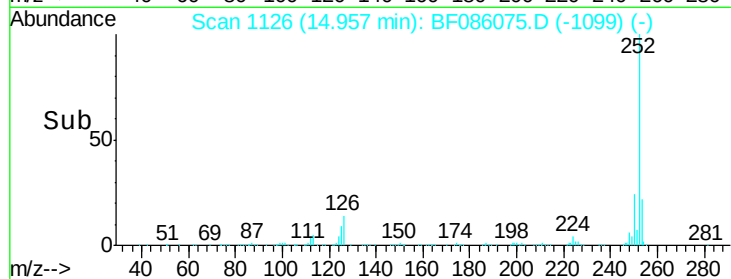
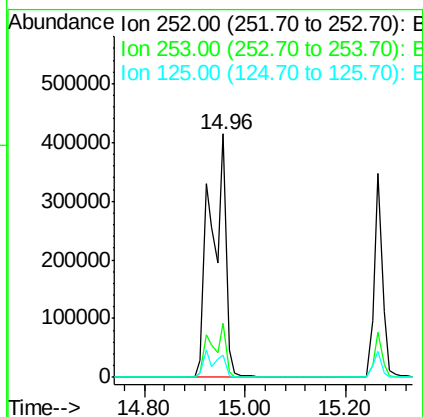
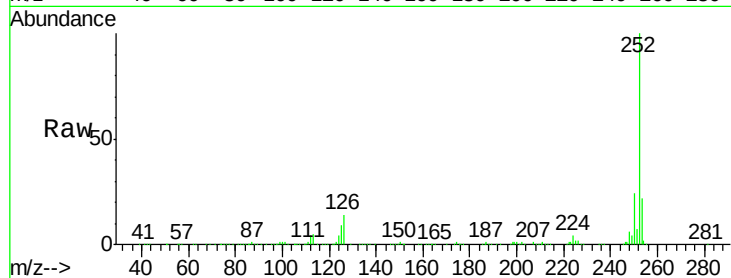




#87
Benzo(b)fluoranthene
Concen: 86.88 ng
RT: 14.96 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

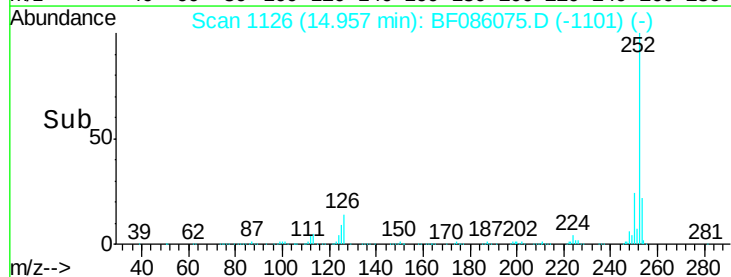
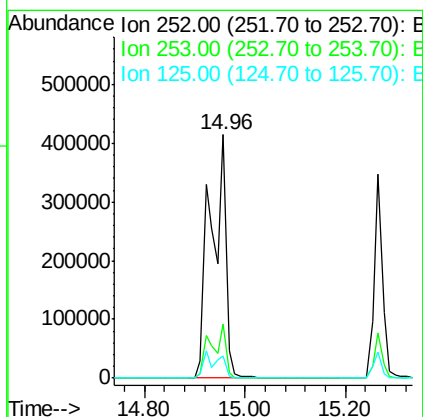
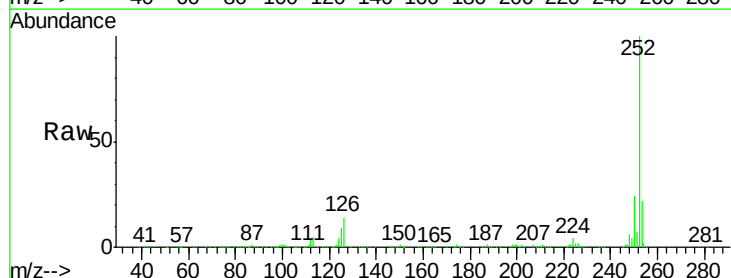
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

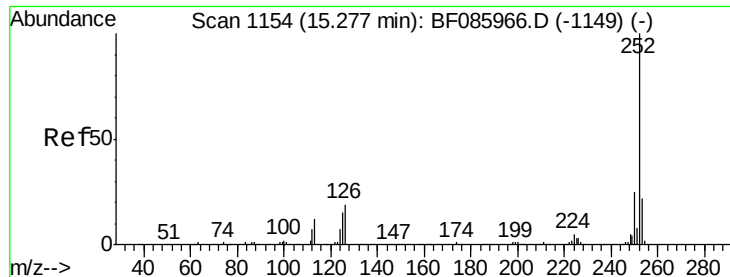
Tot Ion:252 Resp: 888794
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.0 10.3 15.5#



#88
Benzo(k)fluoranthene
Concen: 98.11 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion:252 Resp: 888794
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.0 7.7 11.5





#89

Benzo(a)pyrene

Concen: 44.41 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

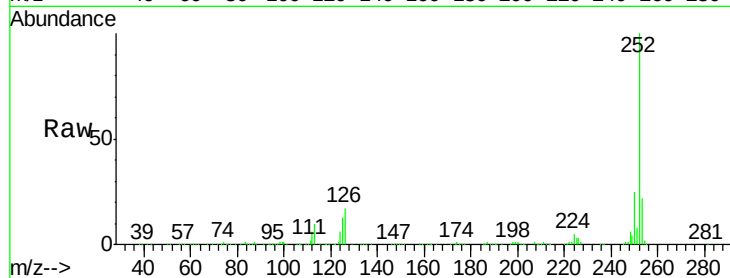
Tot Ion:252 Resp: 402517

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

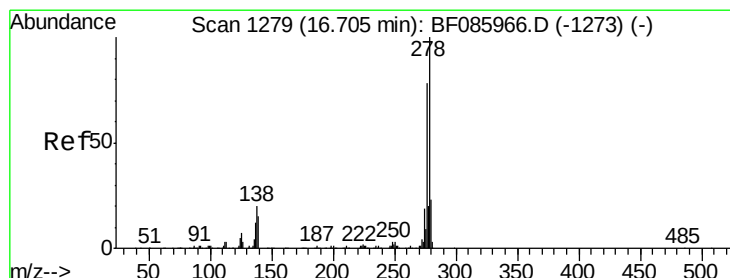
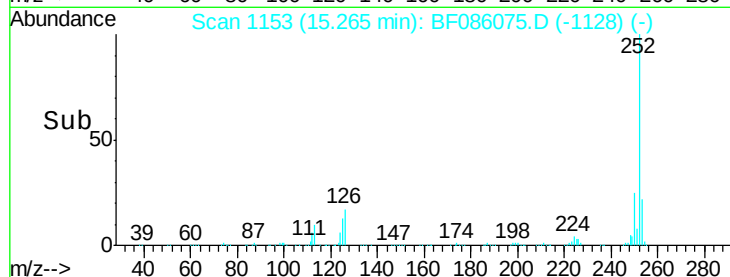
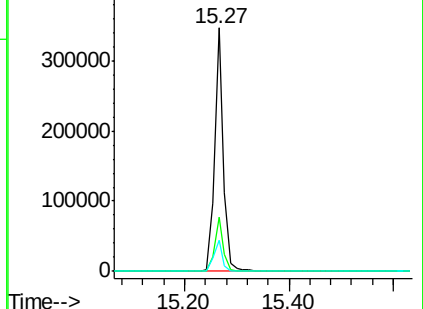
125 12.7 10.3 15.5



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: 44.37 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

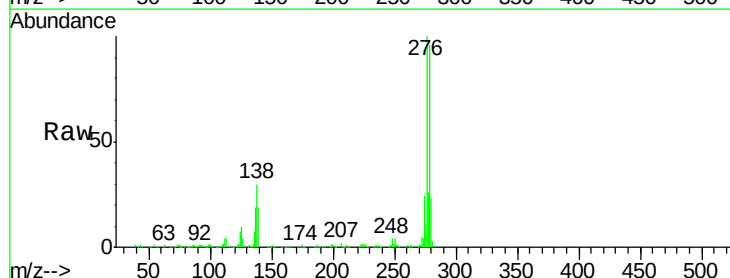
Tgt Ion:278 Resp: 323584

Ion Ratio Lower Upper

278 100

139 20.2 14.4 21.6

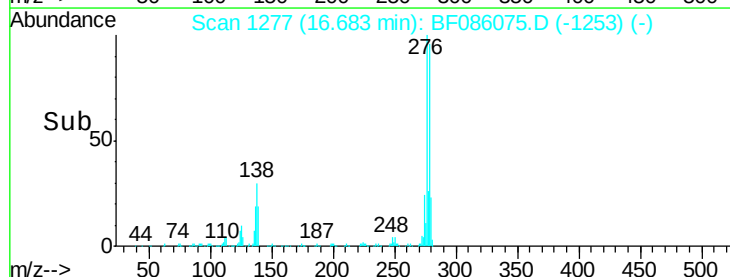
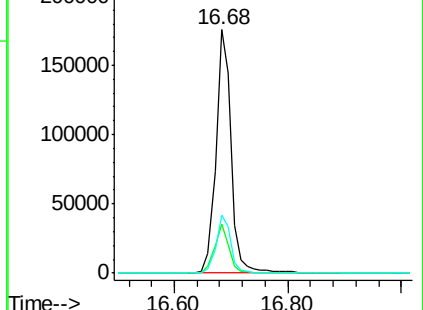
279 23.6 19.1 28.7

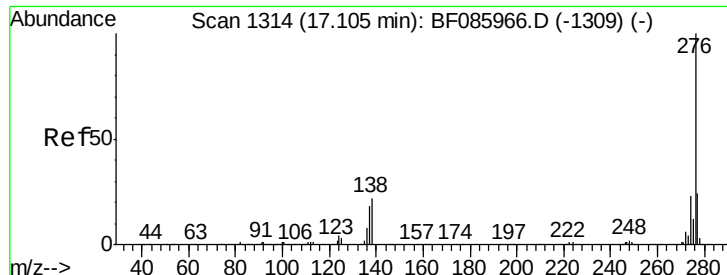


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.33 ng

RT: 17.08 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

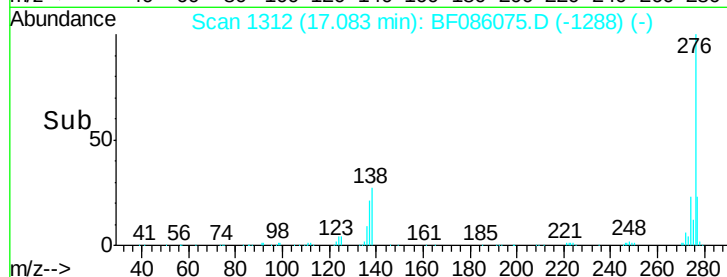
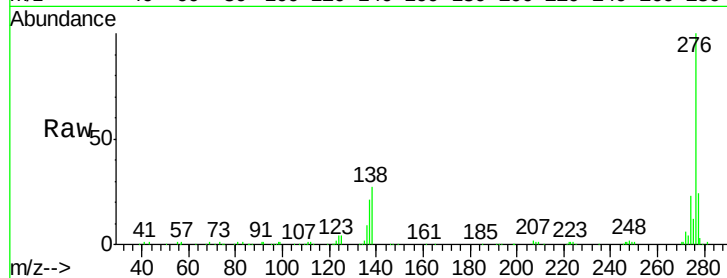
Tot Ion:276 Resp: 298734

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 26.9 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

