

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
 Data File : BF086178.D
 Acq On : 8 Apr 2016 19:56
 Operator : UM/SJ
 Sample : PB89612BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Quant Time: Apr 08 23:22:40 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	6.73	152	103196	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	408552	20.00	ng	-0.06
38) Acenaphthene-d10	9.77	164	199033	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	370840	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	307417	20.00	ng	-0.05
86) Perylene-d12	15.28	264	211617	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	453061	75.04	ng	-0.03
7) Phenol-d6	6.37	99	533416	69.56	ng	-0.05
23) Nitrobenzene-d5	7.30	82	504774	72.86	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	139804	74.84	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	945714	79.00	ng	-0.05
78) Terphenyl-d14	12.83	244	930144	71.12	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.30	88	87572	30.60	ng	98
3) Pyridine	3.00	79	223586	34.89	ng	99
4) n-Nitrosodimethylamine	2.94	42	92124	32.69	ng	97
6) Aniline	6.40	93	141853	14.10	ng	# 59
8) 2-Chlorophenol	6.51	128	246960	34.30	ng	93
9) Benzaldehyde	6.28	77	74802	18.13	ng	95
10) Phenol	6.38	94	291233	33.29	ng	96
11) bis(2-Chloroethyl)ether	6.46	93	221766	32.01	ng	97
12) 1,3-Dichlorobenzene	6.67	146	253413	33.21	ng	98
13) 1,4-Dichlorobenzene	6.74	146	254378	32.36	ng	99
14) 1,2-Dichlorobenzene	6.90	146	237683	32.85	ng	97
15) Benzyl Alcohol	6.89	79	177724	35.82	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.01	45	270303	31.94	ng	80
17) 2-Methylphenol	7.00	107	201122	35.43	ng	97
18) Hexachloroethane	7.23	117	93522	32.34	ng	# 84
19) n-Nitroso-di-n-propylamine	7.15	70	174021	36.61	ng	98
20) 3+4-Methylphenols	7.16	107	261458	37.87	ng	# 61
22) Acetophenone	7.15	105	331614	34.53	ng	# 89
24) Nitrobenzene	7.32	77	247975	32.72	ng	# 85
25) Isophorone	7.56	82	463822	33.92	ng	# 93
26) 2-Nitrophenol	7.64	139	125187	34.52	ng	# 90
27) 2,4-Dimethylphenol	7.69	122	216564	33.25	ng	93
28) bis(2-Chloroethoxy)methane	7.77	93	278916	34.76	ng	98
29) 2,4-Dichlorophenol	7.88	162	205573	37.33	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	209270	33.86	ng	93
31) Naphthalene	8.03	128	675228	32.86	ng	99
32) Benzoic acid	7.82	122	129527	27.11	ng	98
33) 4-Chloroaniline	8.10	127	61046	7.35	ng	96
34) Hexachlorobutadiene	8.16	225	106369	32.01	ng	100
35) Caprolactam	8.46	113	47737	27.33	ng	# 85
36) 4-Chloro-3-methylphenol	8.59	107	231294	37.37	ng	99
37) 2-Methylnaphthalene	8.73	142	483851	36.04	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	184242	30.80	ng	99
40) Hexachlorocyclopentadiene	8.88	237	115176	59.68	ng	98

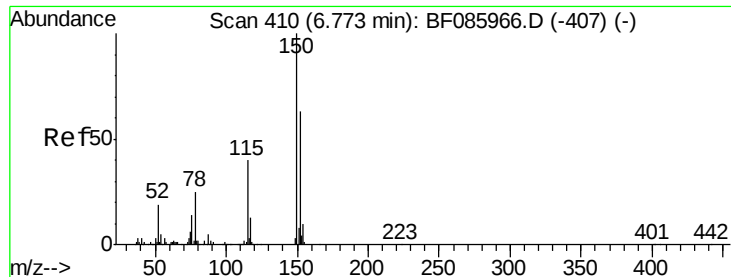
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	128401	33.43	ng	97
43) 2,4,5-Trichlorophenol	9.06	196	138765	35.58	ng #	89
45) 1,1'-Biphenyl	9.18	154	533763	31.10	ng	98
46) 2-Chloronaphthalene	9.22	162	418203	33.62	ng	99
47) 2-Nitroaniline	9.32	65	134035	36.82	ng	89
48) Acenaphthylene	9.63	152	695883	34.92	ng	98
49) Dimethylphthalate	9.49	163	480134	32.55	ng	99
50) 2,6-Dinitrotoluene	9.56	165	110660	35.46	ng	92
51) Acenaphthene	9.80	154	401916	33.91	ng	99
52) 3-Nitroaniline	9.73	138	54227	14.42	ng	93
53) 2,4-Dinitrophenol	9.85	184	100047	55.71	ng	92
54) Dibenzofuran	9.97	168	585540	37.41	ng	99
55) 4-Nitrophenol	9.92	139	128751	58.06	ng	98
56) 2,4-Dinitrotoluene	9.97	165	145313	36.84	ng #	72
57) Fluorene	10.32	166	461418	34.51	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	110623	38.09	ng	95
59) Diethylphthalate	10.19	149	480793	32.29	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	224262	36.01	ng	94
61) 4-Nitroaniline	10.35	138	125818	33.96	ng	97
62) Azobenzene	10.46	77	563625	39.52	ng	98
64) 4,6-Dinitro-2-methylphenol	10.38	198	69662	31.00	ng #	65
65) n-Nitrosodiphenylamine	10.43	169	425787	36.71	ng	98
66) 4-Bromophenyl-phenylether	10.80	248	133040	35.14	ng #	90
67) Hexachlorobenzene	10.86	284	139353	35.59	ng	94
68) Atrazine	10.96	200	119228	31.82	ng	97
69) Pentachlorophenol	11.06	266	107855	58.78	ng	98
70) Phenanthrene	11.28	178	706146	34.90	ng	99
71) Anthracene	11.32	178	707021	33.36	ng	99
72) Carbazole	11.48	167	623376	34.22	ng	100
73) Di-n-butylphthalate	11.81	149	846261	37.49	ng	100
74) Fluoranthene	12.45	202	671003	31.89	ng	98
76) Benzidine	12.58	184	159773	14.73	ng	99
77) Pyrene	12.68	202	687346	31.73	ng	99
79) Butylbenzylphthalate	13.30	149	321703	32.98	ng #	69
80) Benzo(a)anthracene	13.87	228	572226	31.58	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	104624	7.90	ng #	98
82) Chrysene	13.91	228	503689	28.86	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	436715	33.73	ng	100
84) Di-n-octyl phthalate	14.48	149	723519	35.00	ng	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	405892	28.66	ng	99
87) Benzo(b)fluoranthene	14.89	252	909559	68.33	ng	98
88) Benzo(k)fluoranthene	14.89	252	909802	77.18	ng	99
89) Benzo(a)pyrene	15.22	252	416632	35.32	ng	100
90) Dibenzo(a,h)anthracene	16.61	278	340286	35.86	ng	98
91) Benzo(g,h,i)perylene	17.01	276	332404	36.20	ng #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

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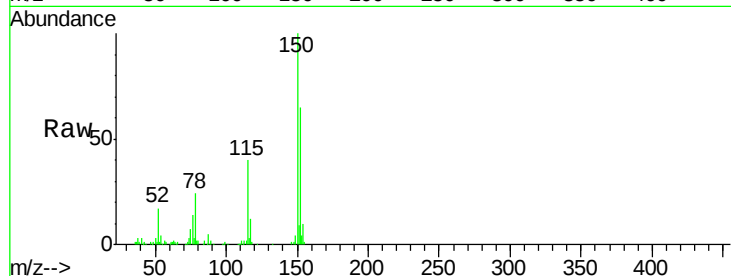
Tgt Ion:152 Resp: 103196

Ion Ratio Lower Upper

152 100

150 155.0 124.2 186.2

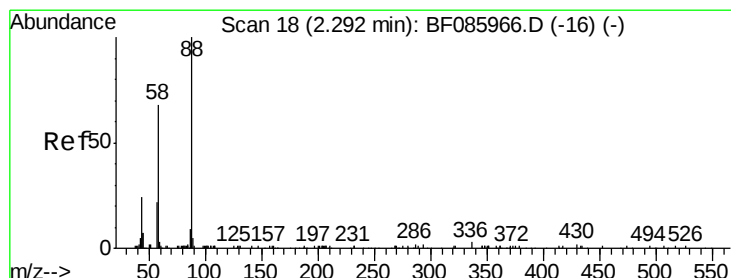
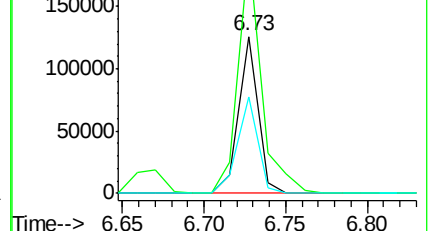
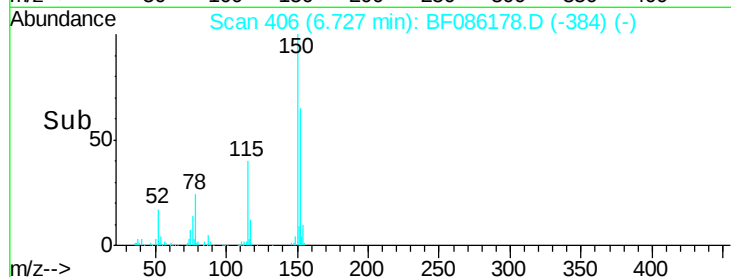
115 61.3 47.0 70.6



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: 30.60 ng

RT: 2.30 min Scan# 19

Delta R.T. 0.01 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

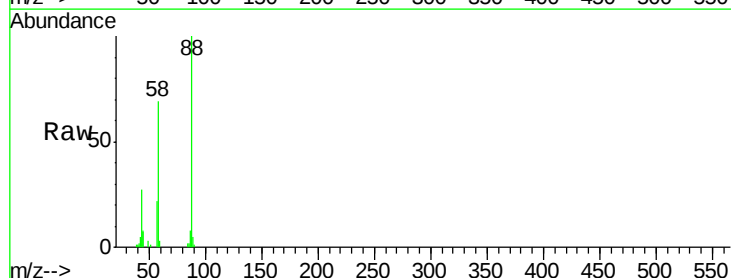
Tgt Ion: 88 Resp: 87572

Ion Ratio Lower Upper

88 100

58 66.0 54.2 81.2

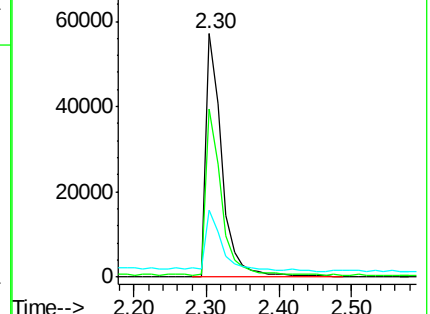
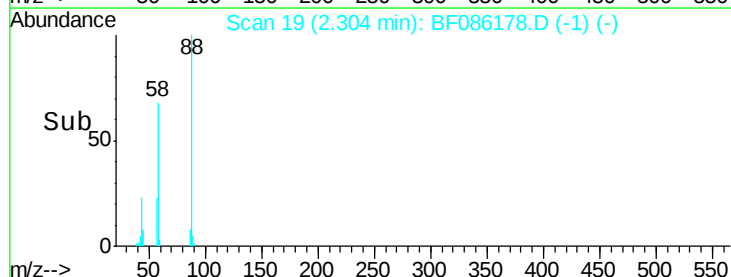
43 23.3 19.3 28.9

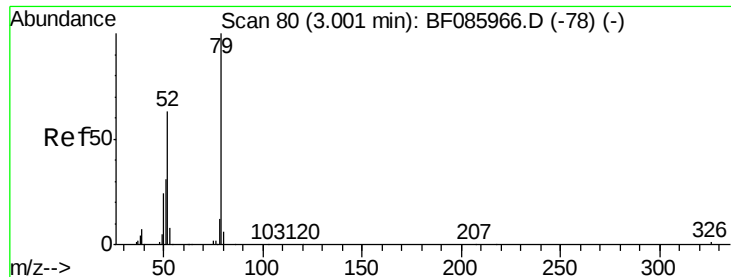


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.89 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.00 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

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ClientSampleId :

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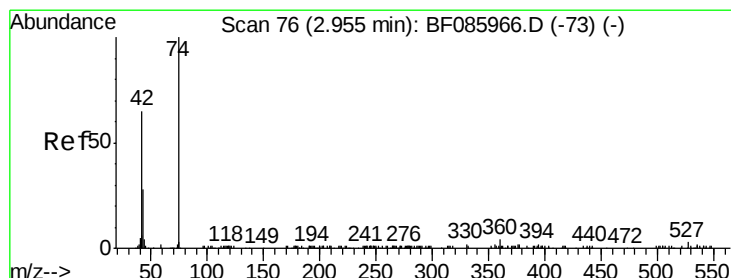
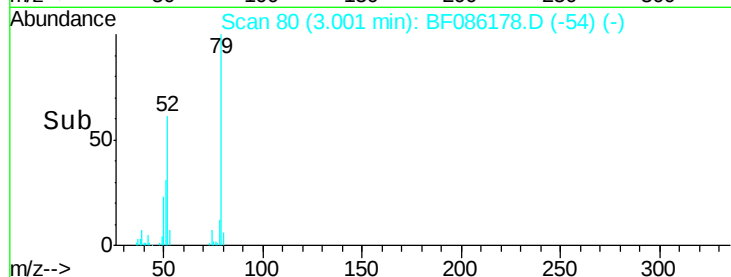
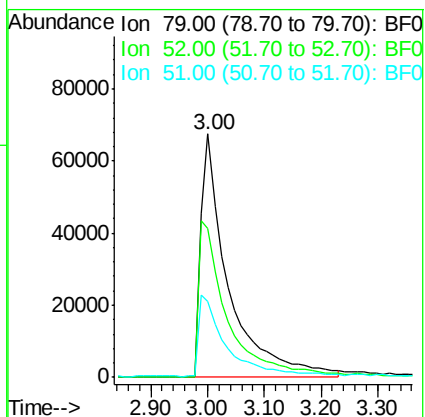
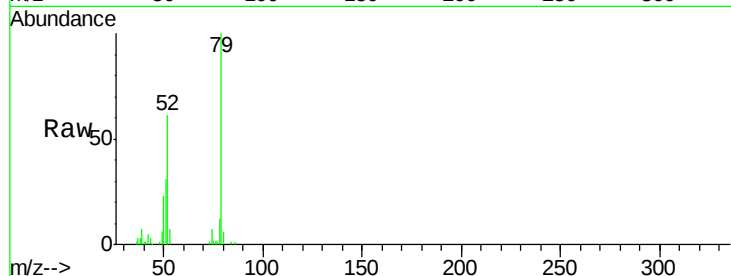
Tgt Ion: 79 Resp: 223586

Ion Ratio Lower Upper

79 100

52 61.1 49.8 74.6

51 31.1 24.7 37.1



#4

n-Nitrosodimethylamine

Concen: 32.69 ng

RT: 2.94 min Scan# 75

Delta R.T. -0.01 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

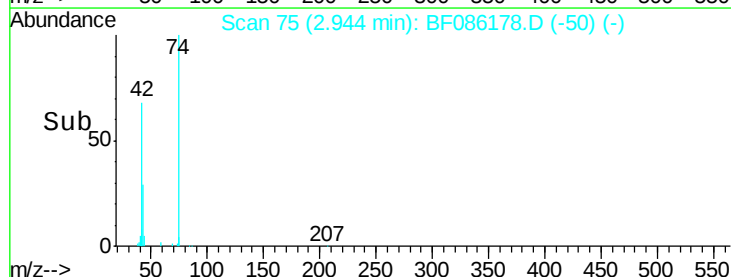
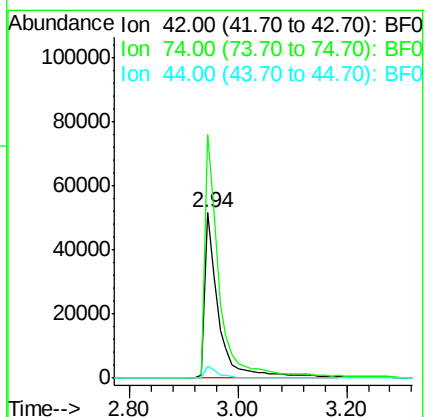
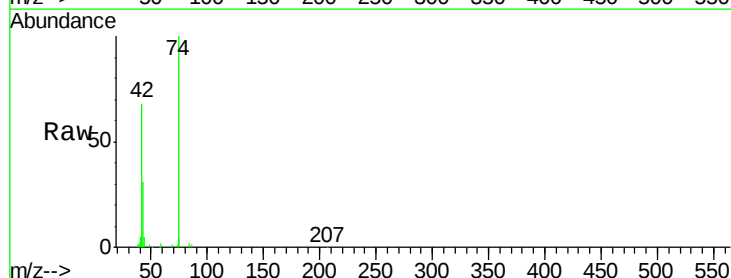
Tgt Ion: 42 Resp: 92124

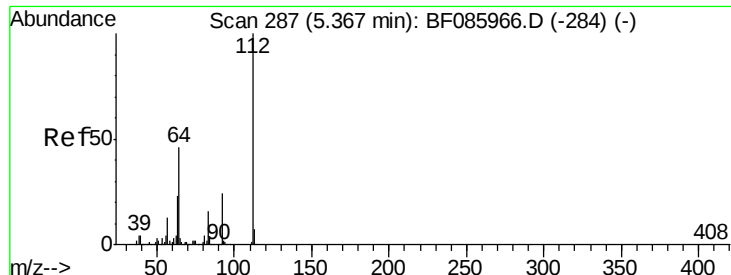
Ion Ratio Lower Upper

42 100

74 147.4 121.4 182.2

44 6.9 5.6 8.4





#5

2-Fluorophenol

Concen: 75.04 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

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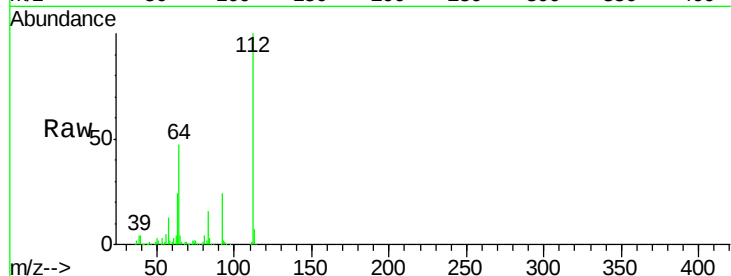
Tgt Ion: 112 Resp: 453061

Ion Ratio Lower Upper

112 100

64 46.9 39.9 59.9

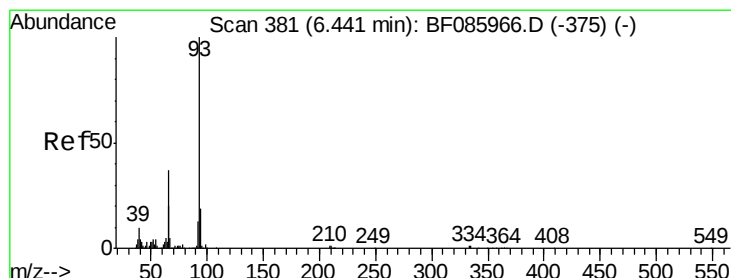
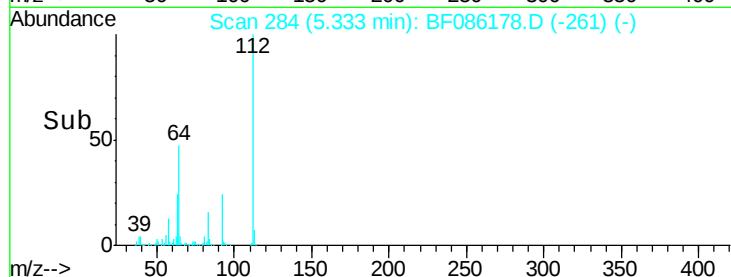
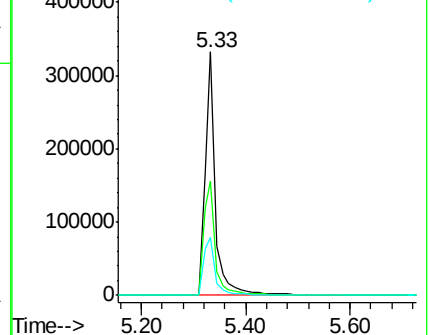
63 23.9 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.10 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

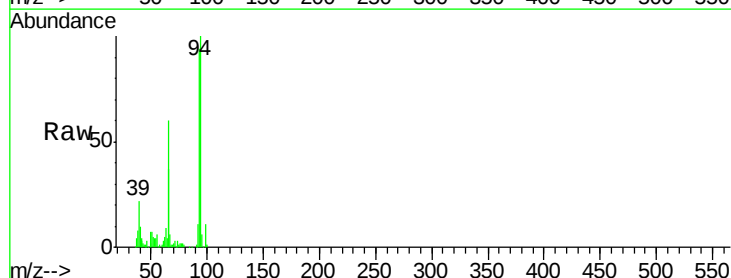
Tgt Ion: 93 Resp: 141853

Ion Ratio Lower Upper

93 100

66 63.5 31.4 47.2#

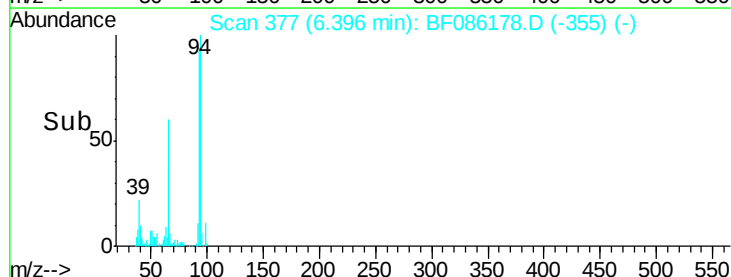
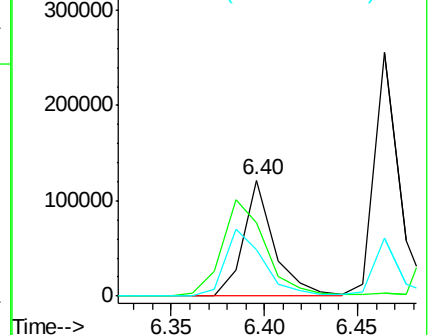
65 39.7 15.7 23.5#

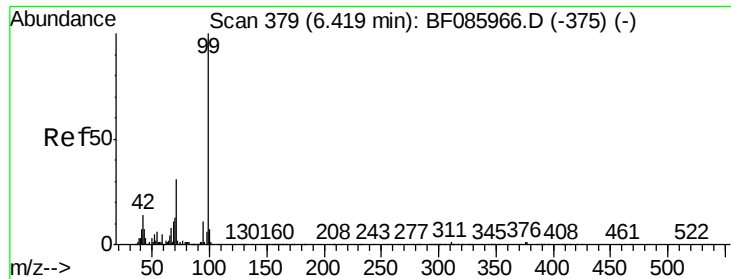


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 69.56 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

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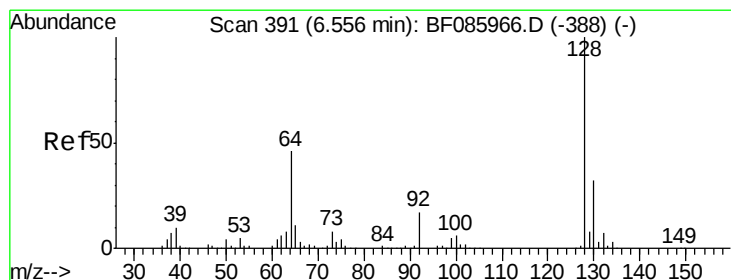
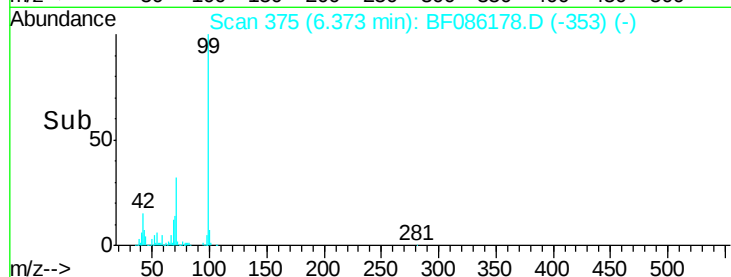
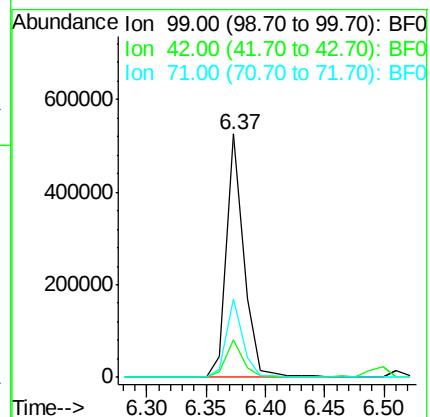
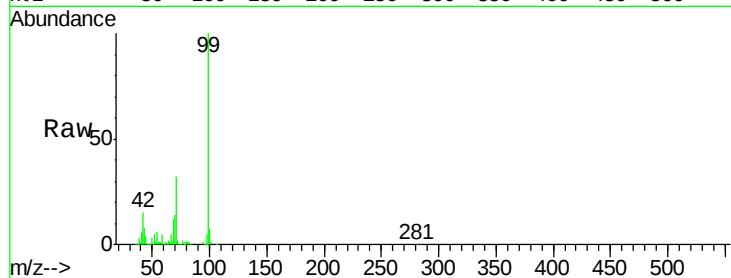
Tgt Ion: 99 Resp: 533416

Ion Ratio Lower Upper

99 100

42 15.4 11.1 16.7

71 32.4 24.9 37.3



#8

2-Chlorophenol

Concen: 34.30 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

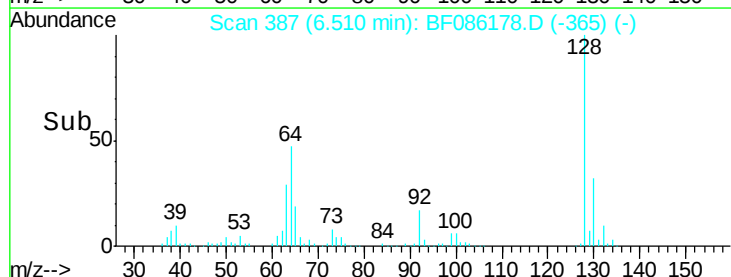
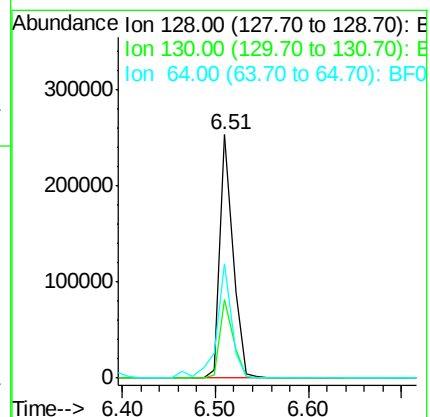
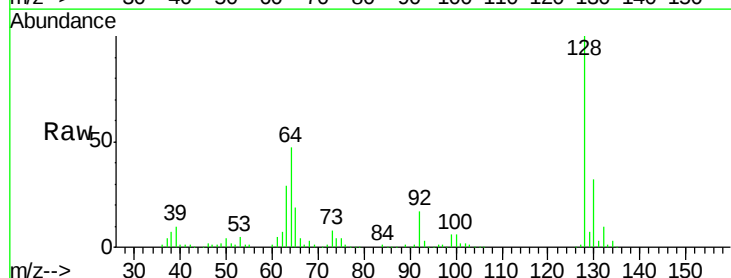
Tgt Ion: 128 Resp: 246960

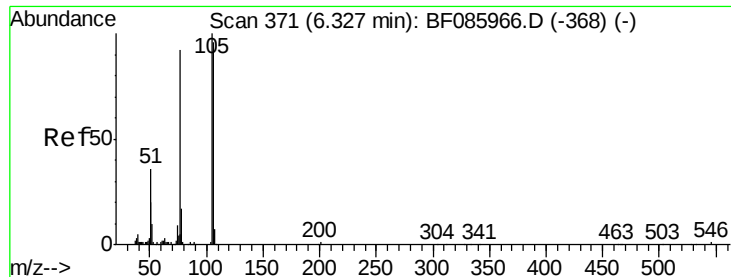
Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

64 47.1 20.2 60.2





#9

Benzaldehyde

Concen: 18.13 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.05 min

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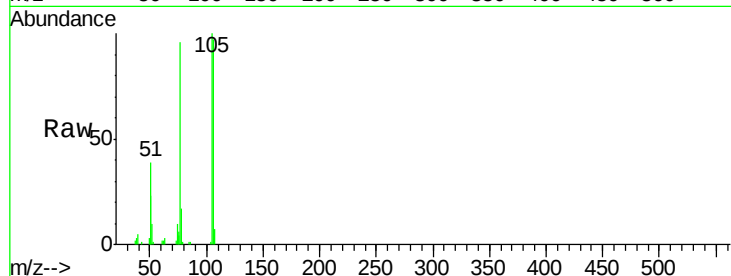
Tgt Ion: 77 Resp: 74802

Ion Ratio Lower Upper

77 100

105 104.4 80.1 120.1

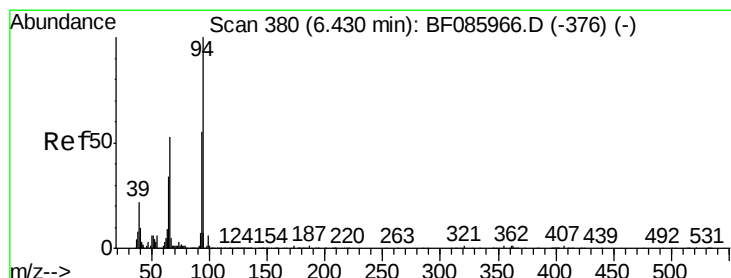
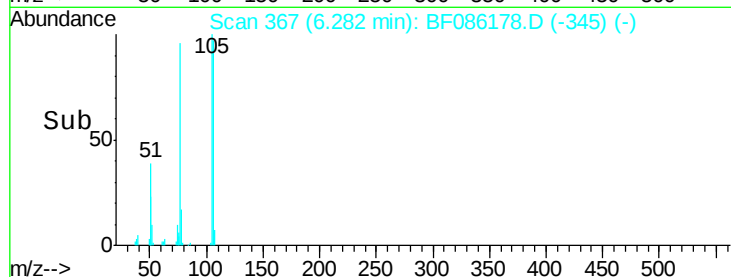
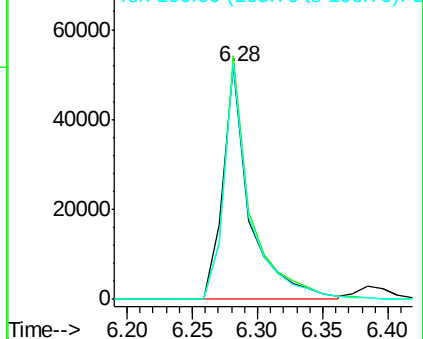
106 101.2 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.29 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF086178.D

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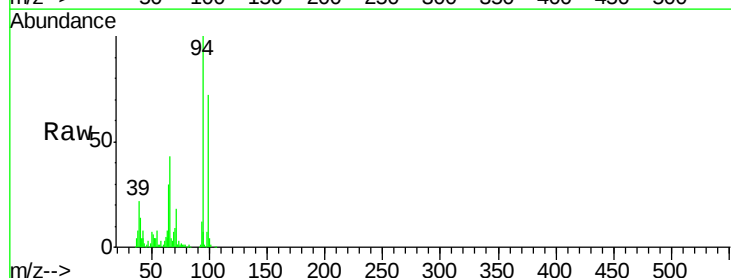
Tgt Ion: 94 Resp: 291233

Ion Ratio Lower Upper

94 100

65 29.9 8.6 48.6

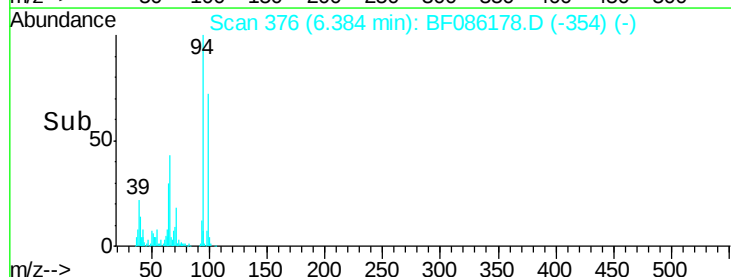
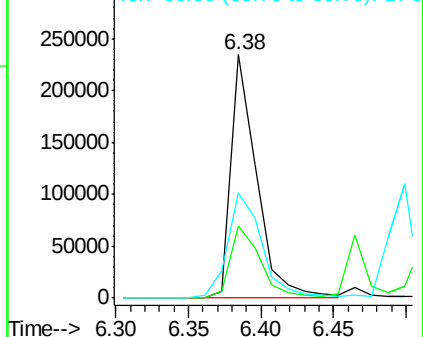
66 43.3 20.0 60.0

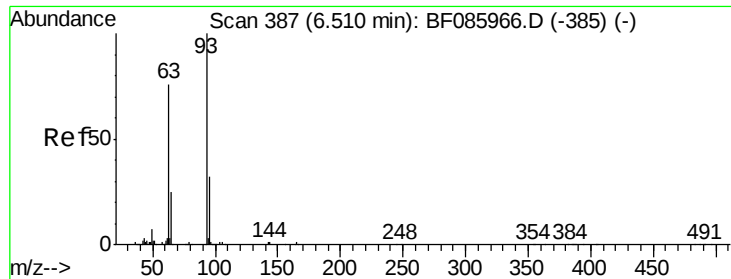


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

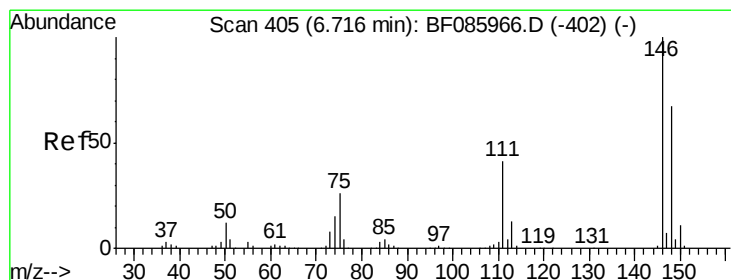
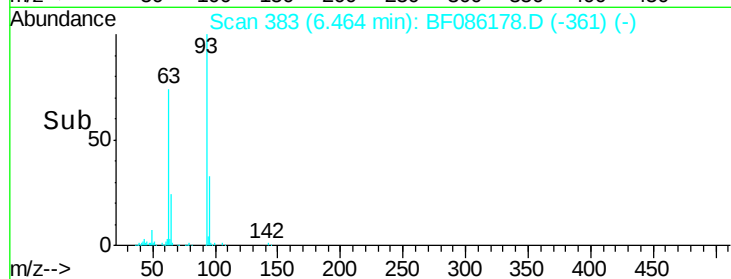
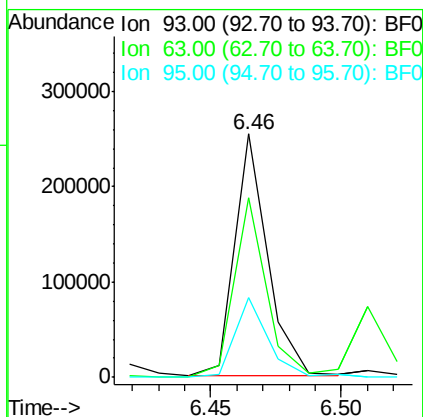
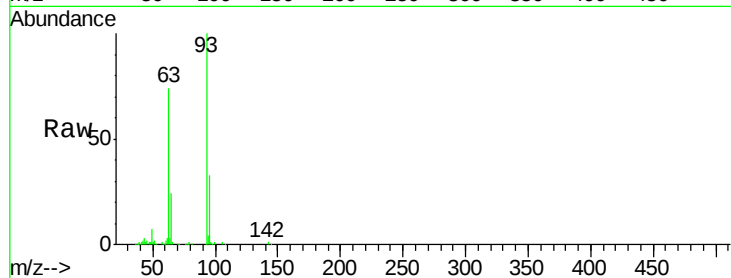




#11
bis(2-Chloroethyl)ether
Concen: 32.01 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

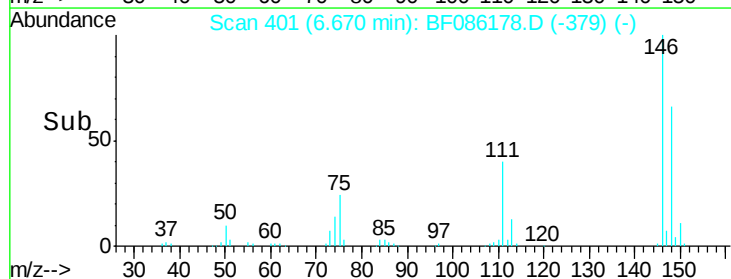
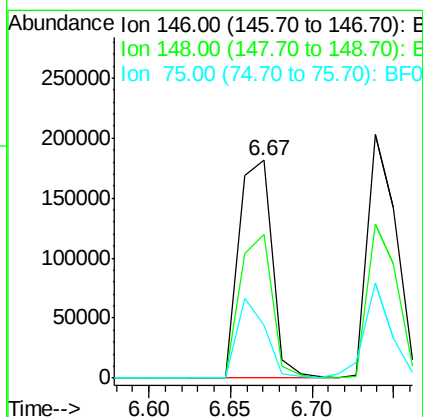
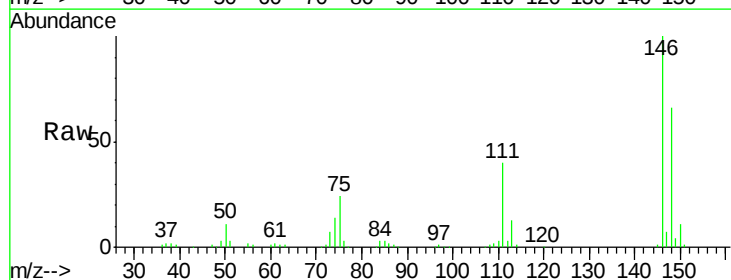
Instrument :
BNA_F
ClientSampleId :
PB89612BS

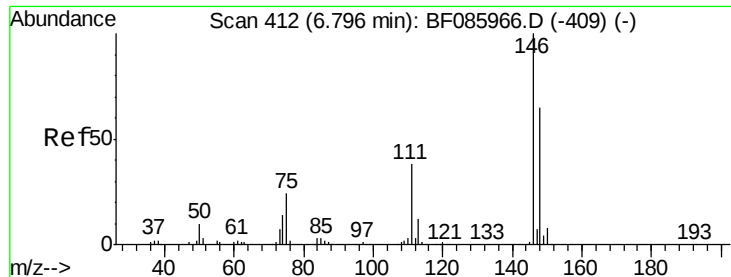
Tgt Ion: 93 Resp: 221766
Ion Ratio Lower Upper
93 100
63 74.0 50.9 90.9
95 32.6 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 33.21 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion: 146 Resp: 253413
Ion Ratio Lower Upper
146 100
148 65.9 52.3 78.5
75 24.1 17.4 26.2

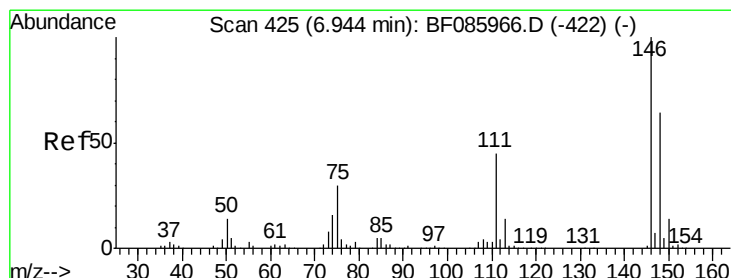
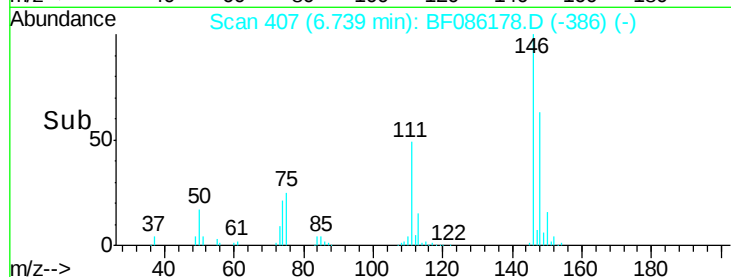
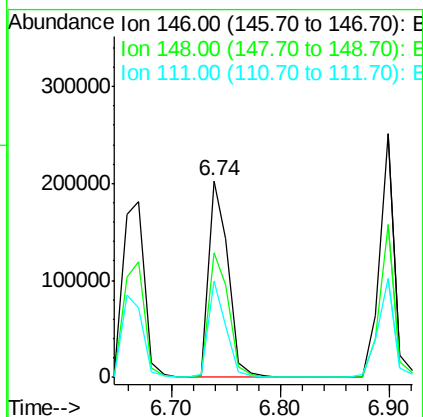
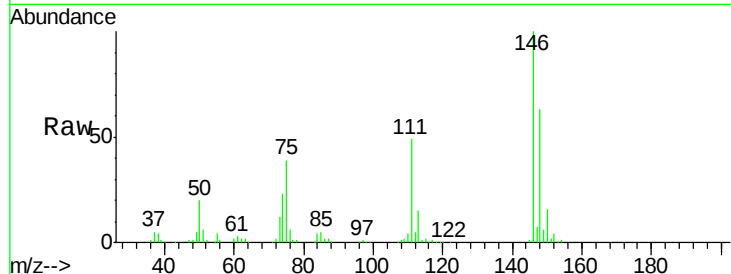




#13
 1,4-Dichlorobenzene
 Concen: 32.36 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.06 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

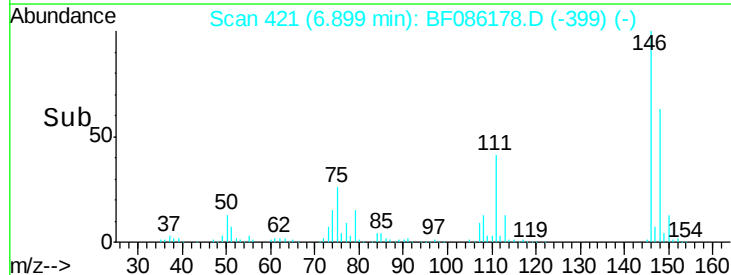
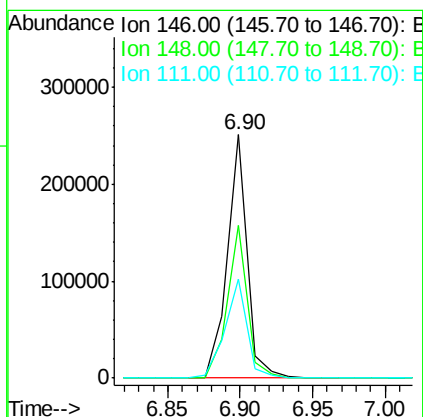
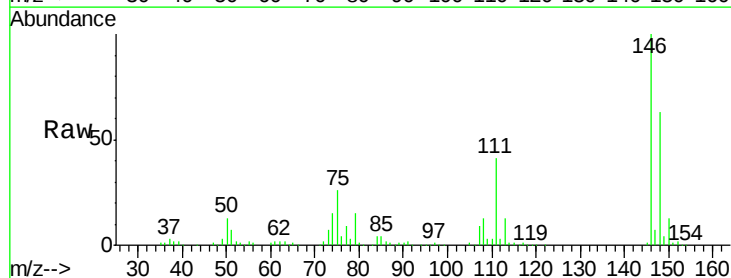
Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

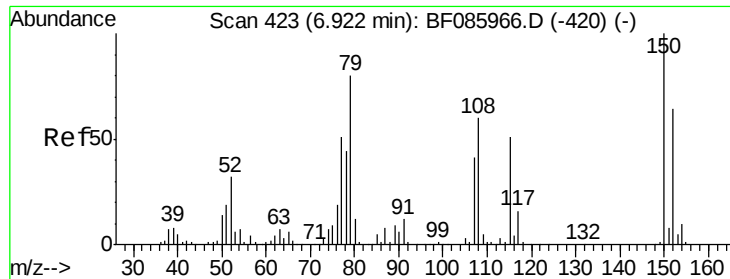
Tgt Ion:146 Resp: 254378
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 76.0
 111 49.0 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 32.85 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion:146 Resp: 237683
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.4 77.2
 111 40.9 34.6 52.0

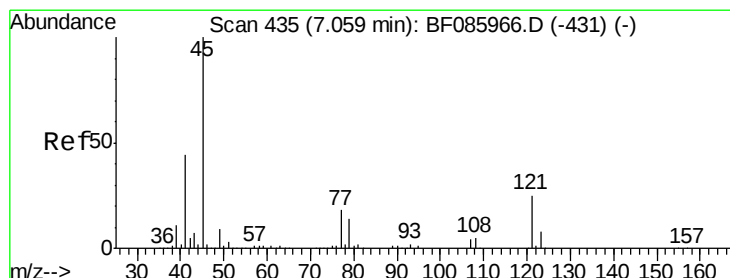
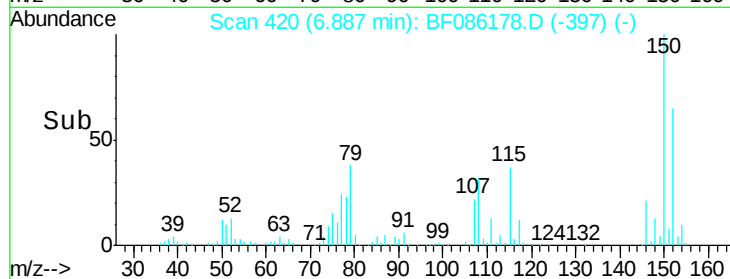
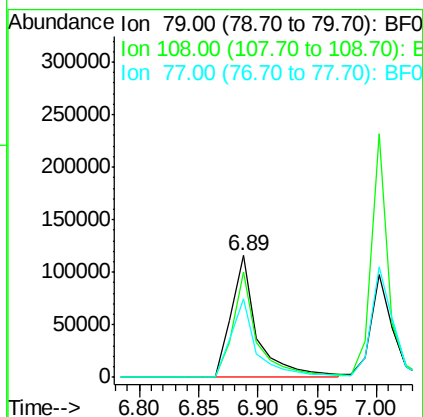
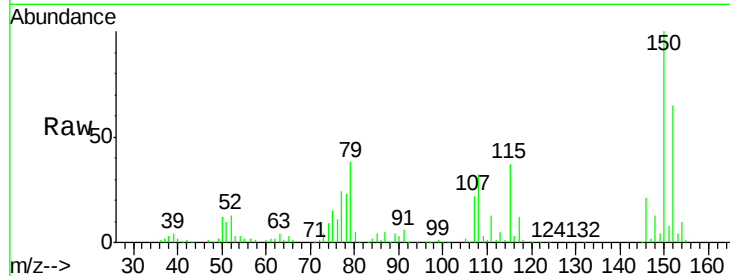




#15
Benzyl Alcohol
Concen: 35.82 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

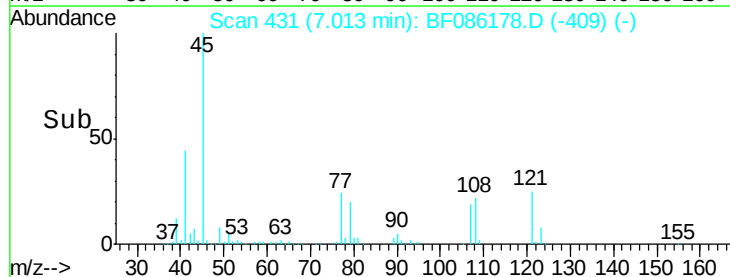
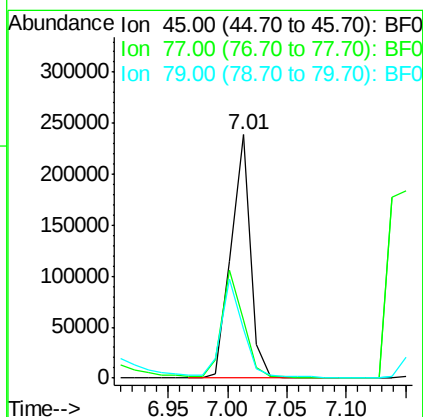
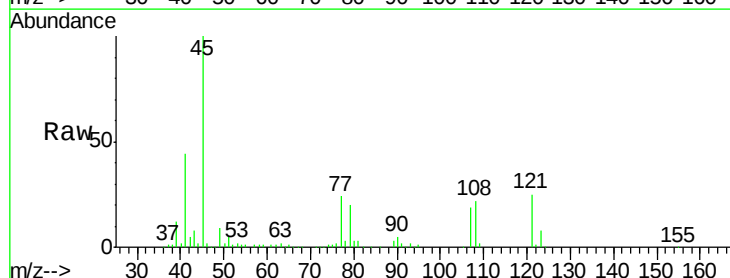
Instrument :
BNA_F
ClientSampleId :
PB89612BS

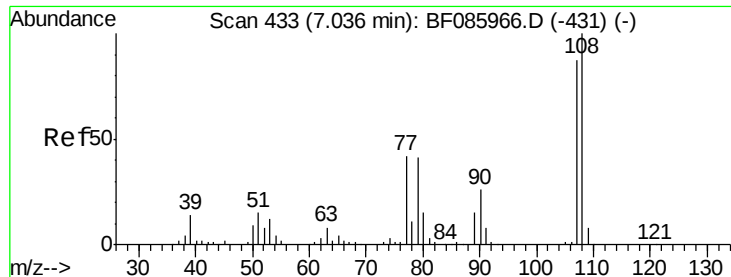
Tgt Ion: 79 Resp: 177724
Ion Ratio Lower Upper
79 100
108 86.5 61.8 92.6
77 65.0 49.6 74.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.94 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion: 45 Resp: 270303
Ion Ratio Lower Upper
45 100
77 23.8 0.0 35.7
79 20.2 0.0 32.2

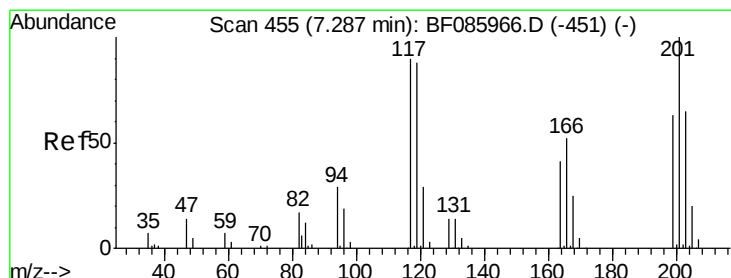
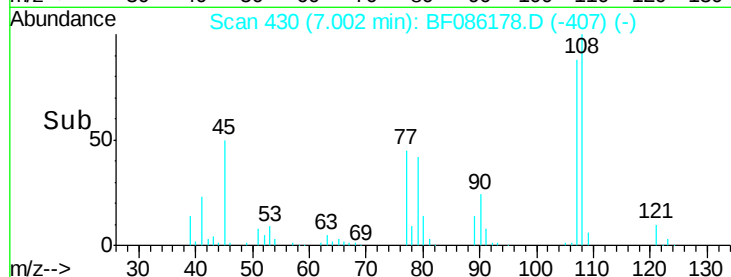
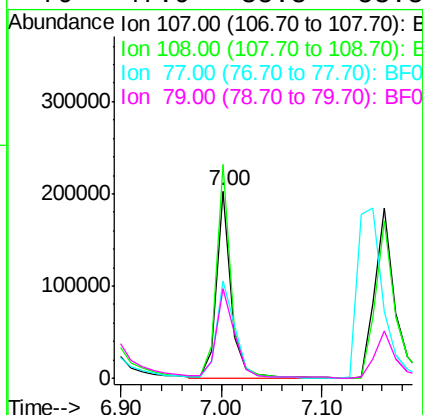
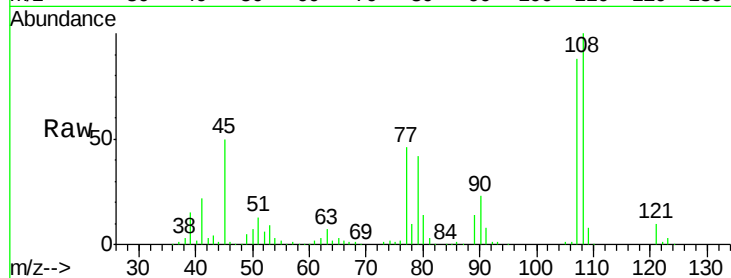




#17
 2-Methylphenol
 Concen: 35.43 ng
 RT: 7.00 min Scan# 430
 Delta R.T. -0.03 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

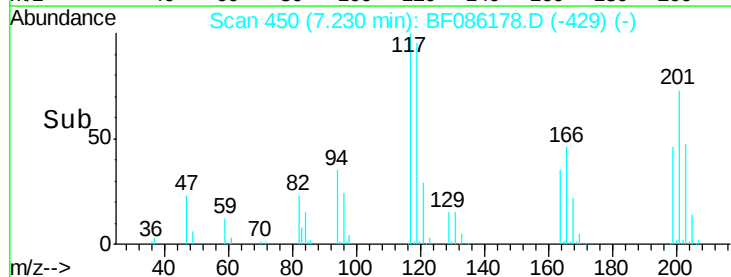
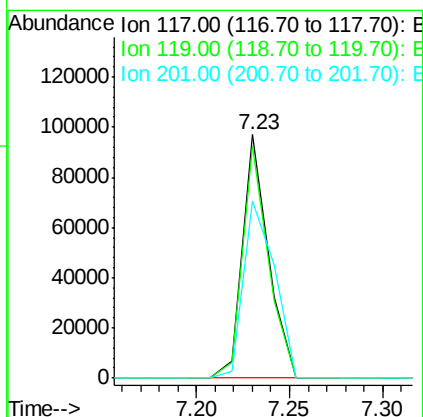
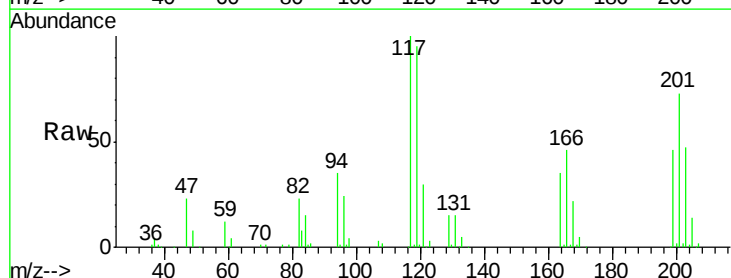
Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

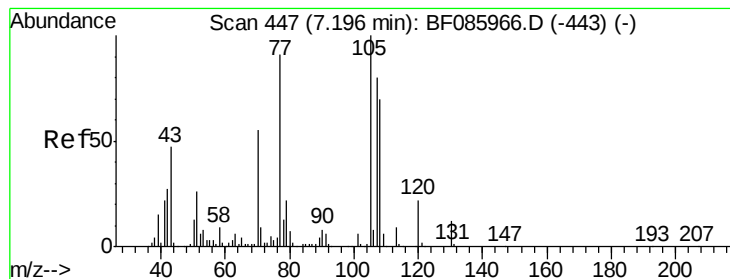
Tgt Ion:	107	Resp:	201122
Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.4	137.0
77	51.9	36.2	54.2
79	47.9	35.8	53.8



#18
 Hexachloroethane
 Concen: 32.34 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.06 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion:	117	Resp:	93522
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.7	115.1
201	72.5	83.3	124.9#





#19

n-Nitroso-di-n-propylamine

Concen: 36.61 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

ClientSampleId :

PB89612BS

Tgt Ion: 70 Resp: 174021

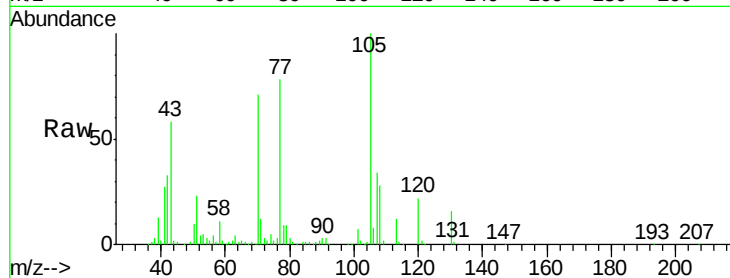
Ion Ratio Lower Upper

70 100

42 47.1 37.1 55.7

101 10.1 8.6 12.8

130 22.2 19.6 29.4

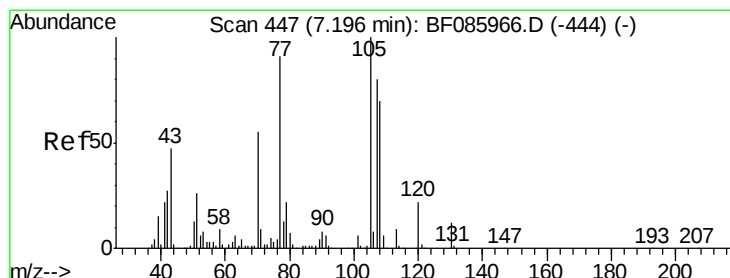
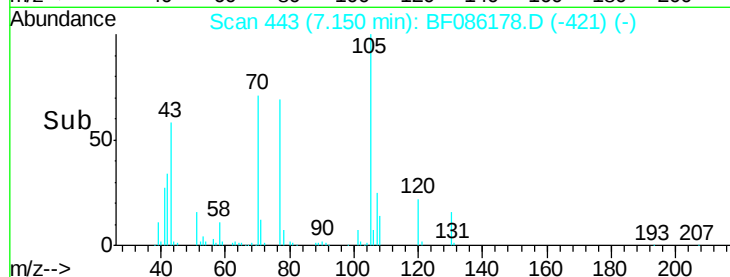
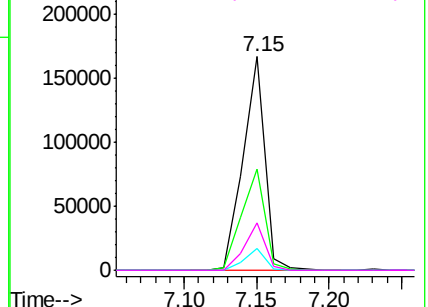


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 37.87 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Tgt Ion: 107 Resp: 261458

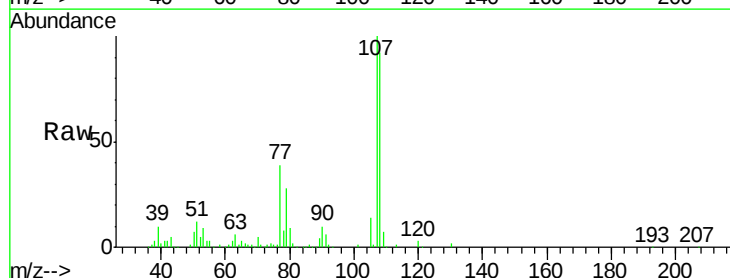
Ion Ratio Lower Upper

107 100

108 92.4 69.3 109.3

77 38.8 101.7 141.7#

79 28.2 8.3 48.3

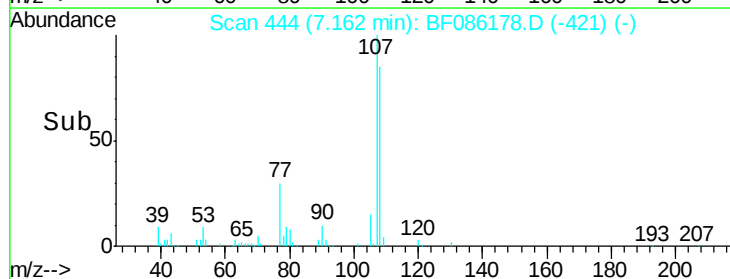
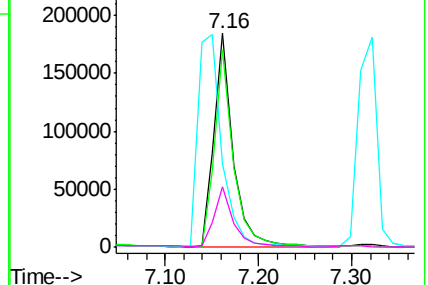


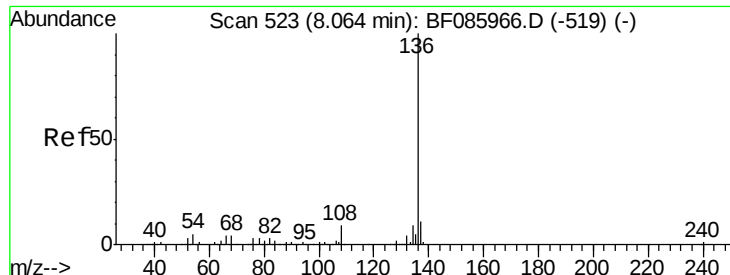
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

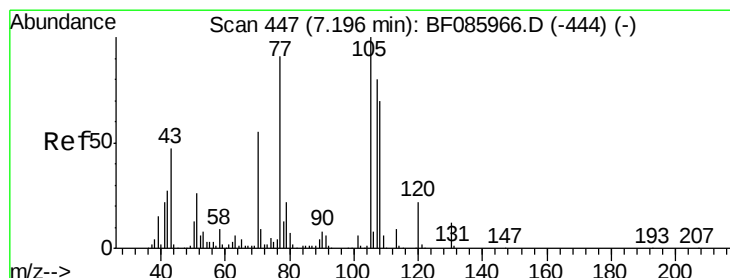
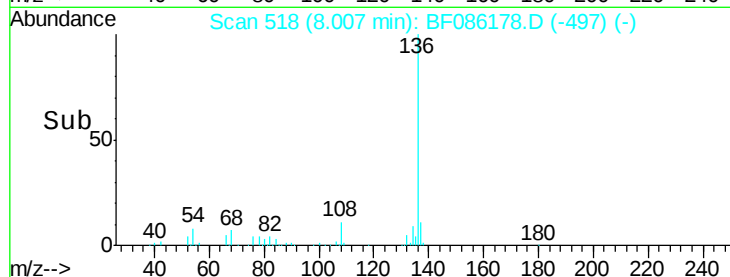
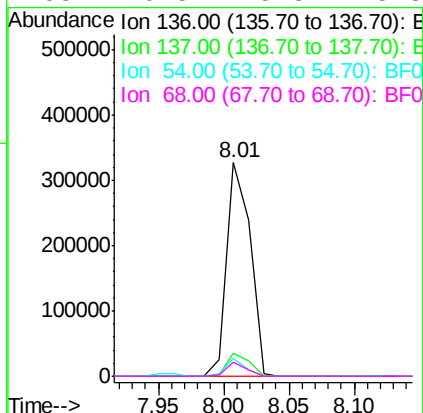
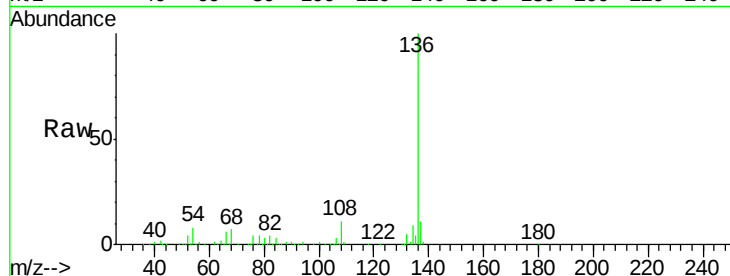




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

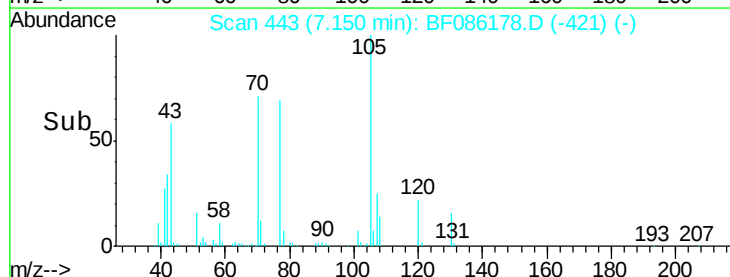
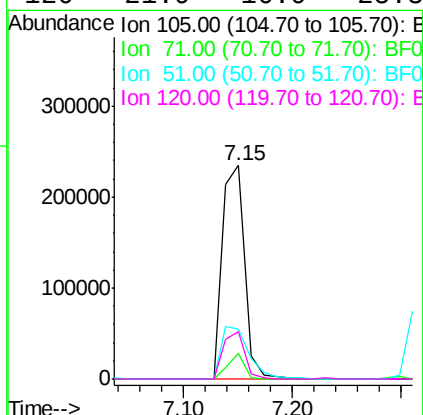
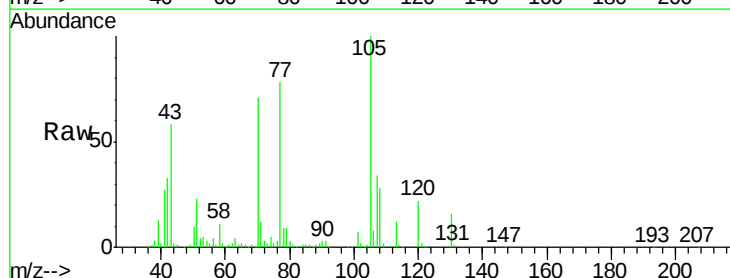
Instrument :
BNA_F
ClientSampleId :
PB89612BS

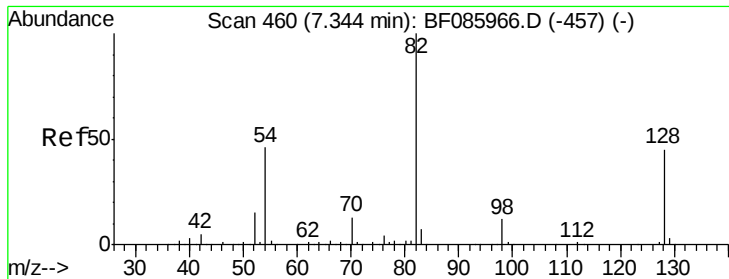
Tgt Ion:	136	Resp:	408552
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.1	13.7
54	8.3	7.4	11.0
68	6.5	5.8	8.8



#22
Acetophenone
Concen: 34.53 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion:	105	Resp:	331614
Ion Ratio	Lower	Upper	
105	100		
71	11.8	3.6	5.4#
51	23.5	25.4	38.0#
120	21.9	16.9	25.3

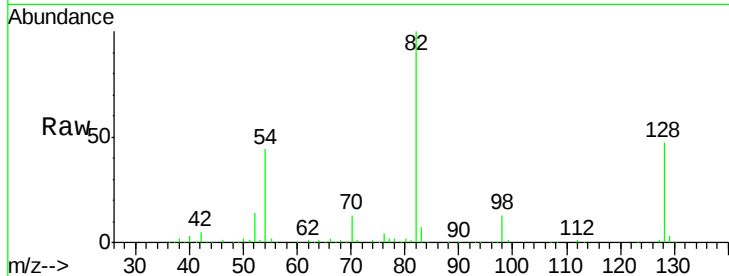




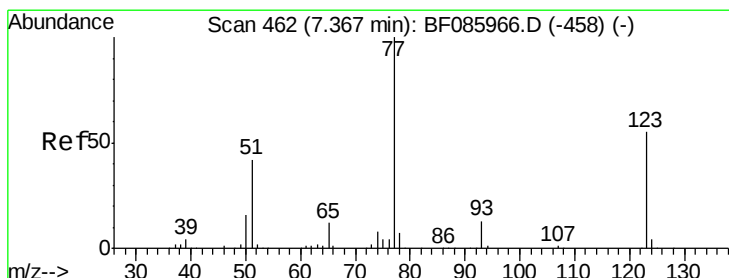
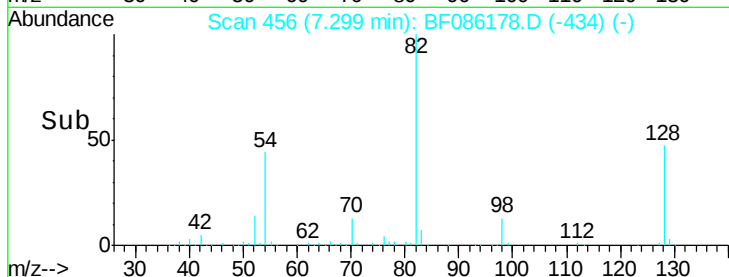
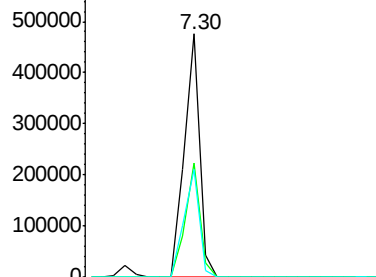
#23
Nitrobenzene-d5
Concen: 72.86 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tgt Ion: 82 Resp: 504774
Ion Ratio Lower Upper
82 100
128 46.8 41.8 62.8
54 44.3 33.4 50.0

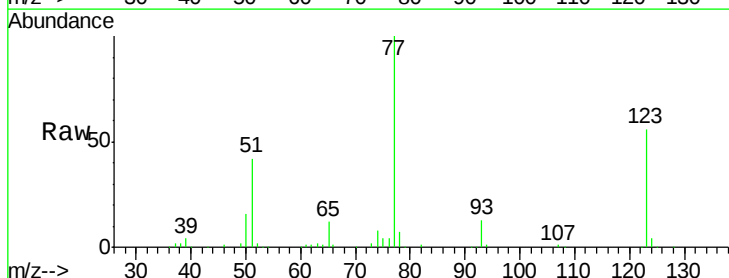


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

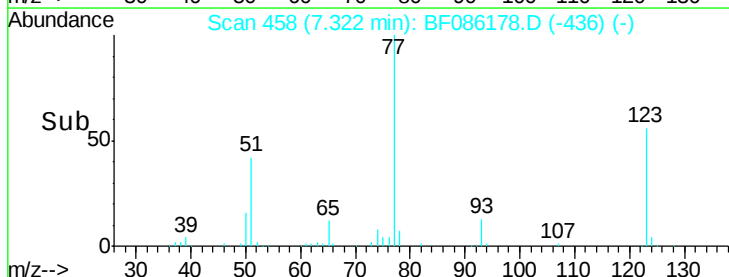
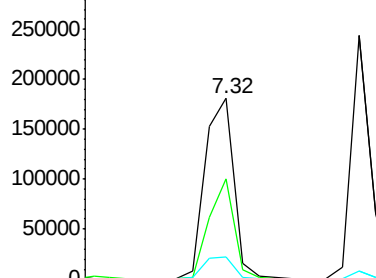


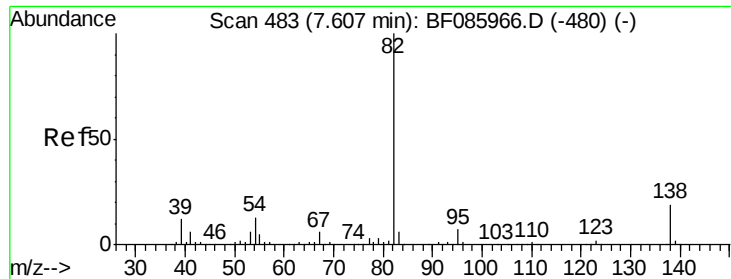
#24
Nitrobenzene
Concen: 32.72 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion: 77 Resp: 247975
Ion Ratio Lower Upper
77 100
123 55.6 35.0 52.4#
65 12.0 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: 33.92 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

ClientSampleId :

PB89612BS

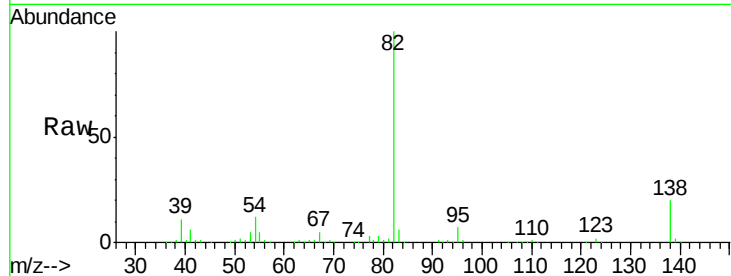
Tgt Ion: 82 Resp: 463822

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

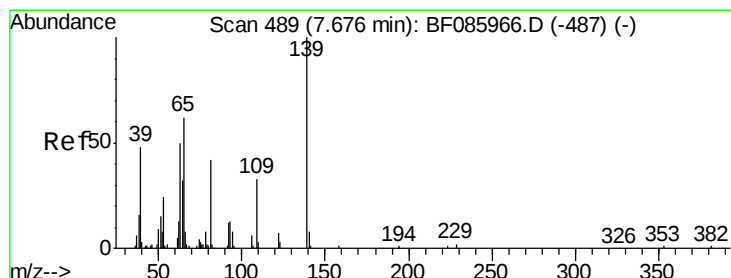
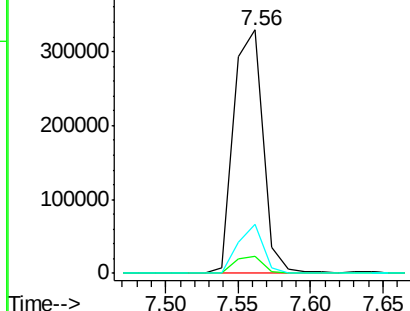
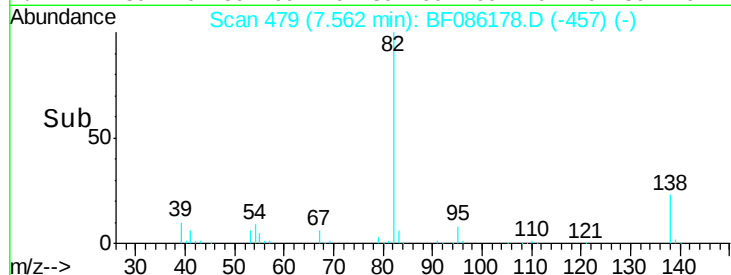
138 20.4 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 34.52 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

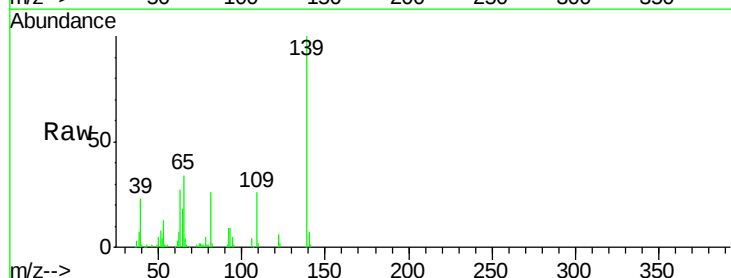
Tgt Ion: 139 Resp: 125187

Ion Ratio Lower Upper

139 100

109 25.8 22.1 33.1

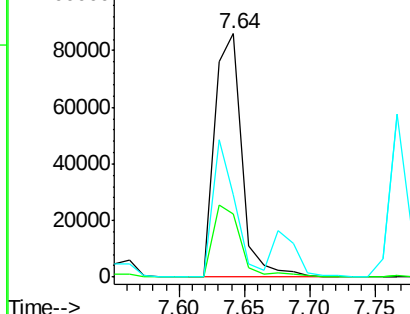
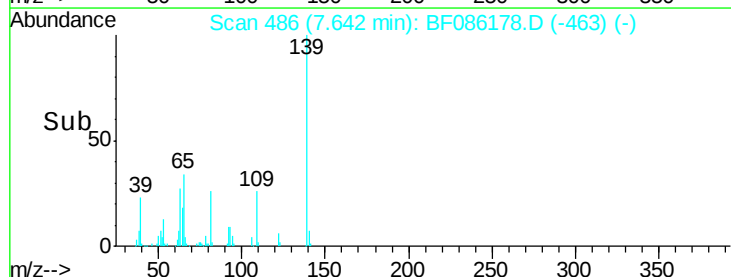
65 33.8 33.9 50.9#

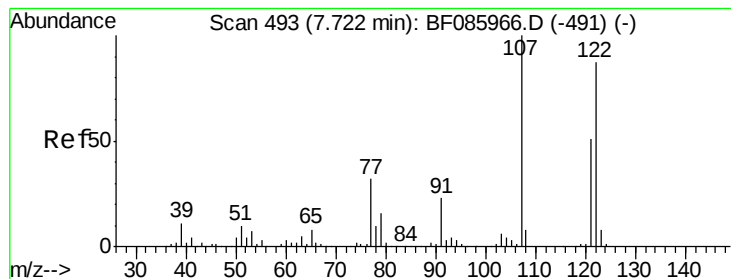


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 33.25 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

ClientSampled :

PB89612BS

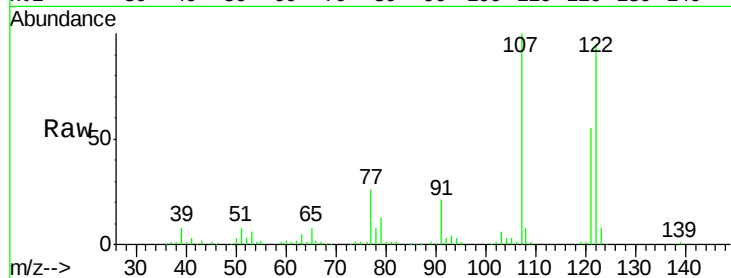
Tgt Ion:122 Resp: 216564

Ion Ratio Lower Upper

122 100

107 105.4 93.0 139.6

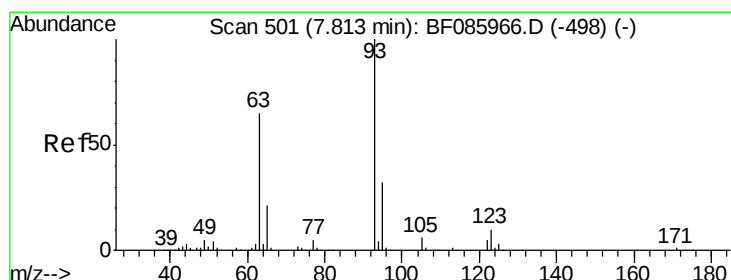
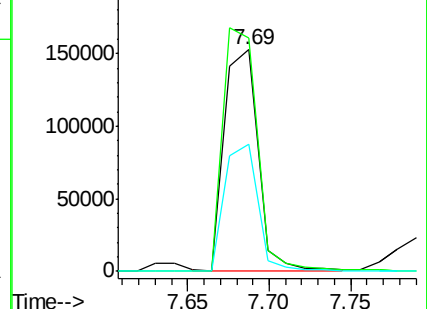
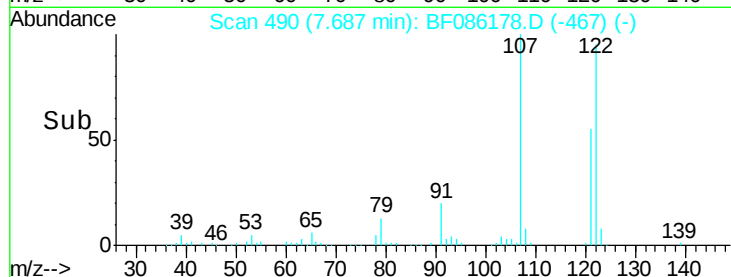
121 57.6 45.9 68.9



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: 34.76 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

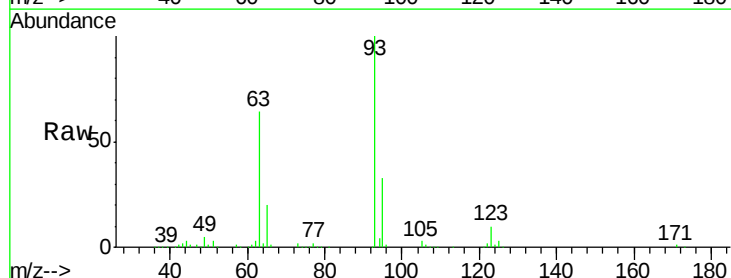
Tgt Ion: 93 Resp: 278916

Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

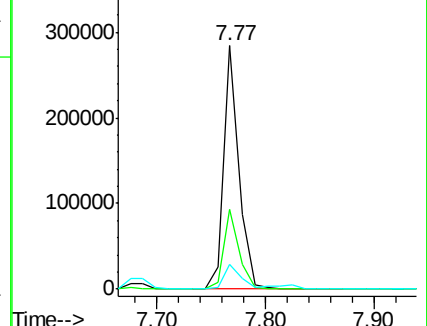
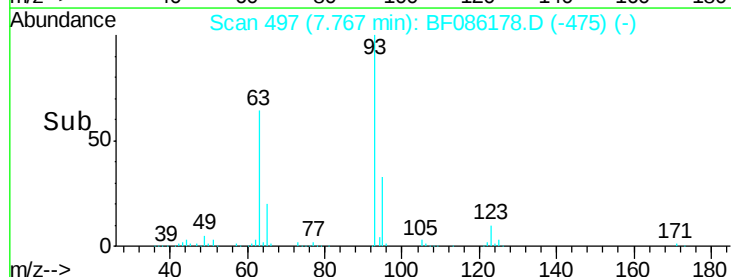
123 10.3 9.8 14.6

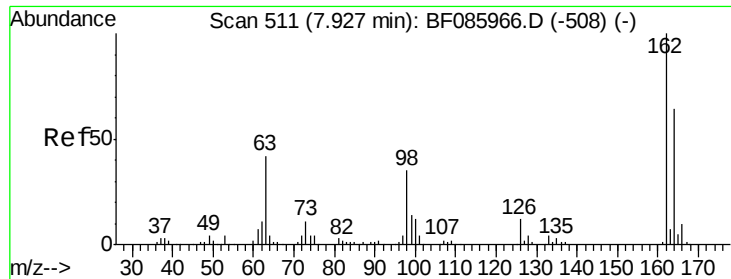


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

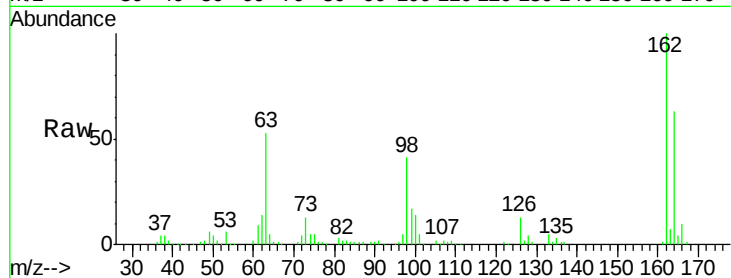




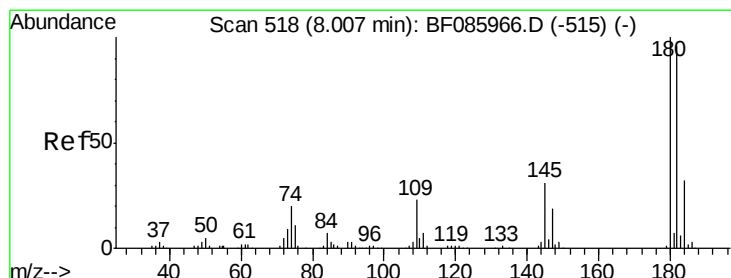
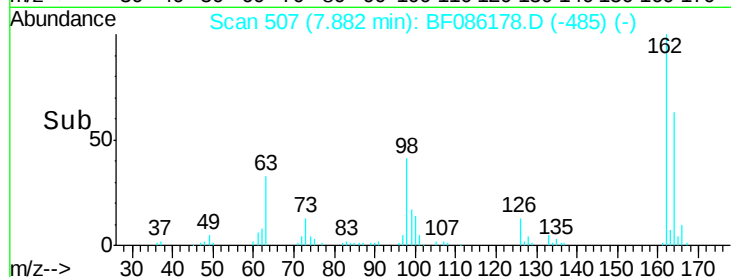
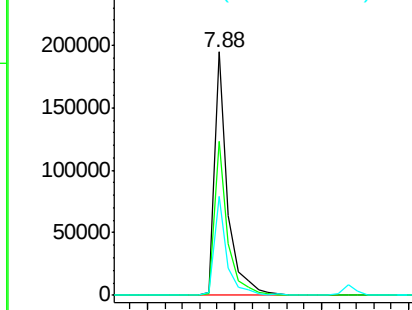
#29
 2,4-Dichlorophenol
 Concen: 37.33 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tgt Ion:162 Resp: 205573
 Ion Ratio Lower Upper
 162 100
 164 63.2 43.7 83.7
 98 40.6 20.4 60.4

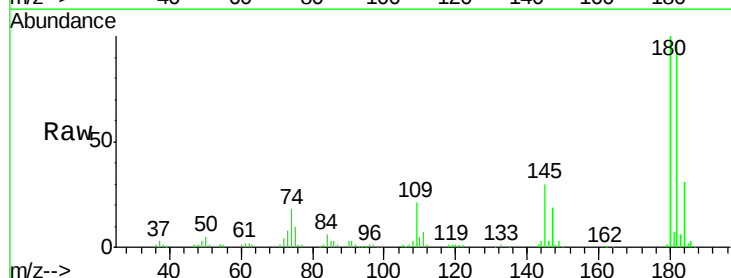


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

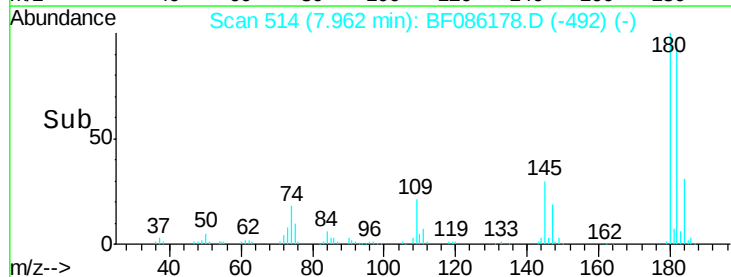
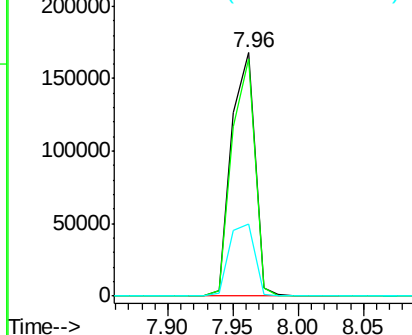


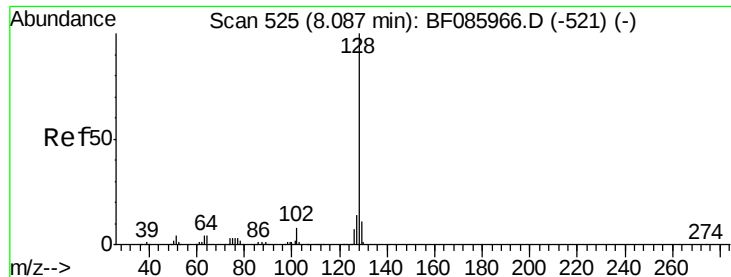
#30
 1,2,4-Trichlorobenzene
 Concen: 33.86 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion:180 Resp: 209270
 Ion Ratio Lower Upper
 180 100
 182 97.3 73.8 110.8
 145 29.5 28.4 42.6



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

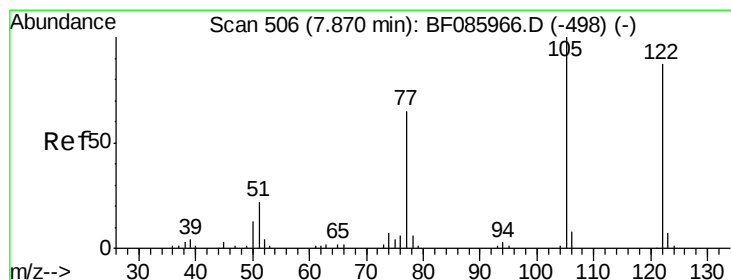
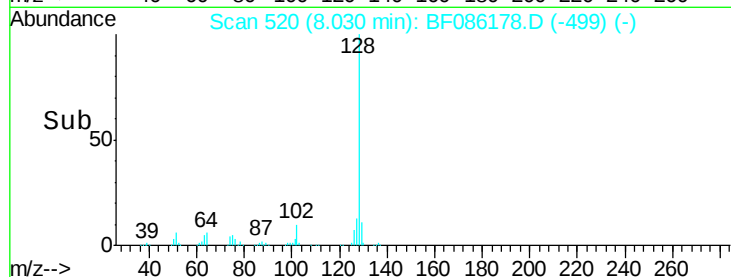
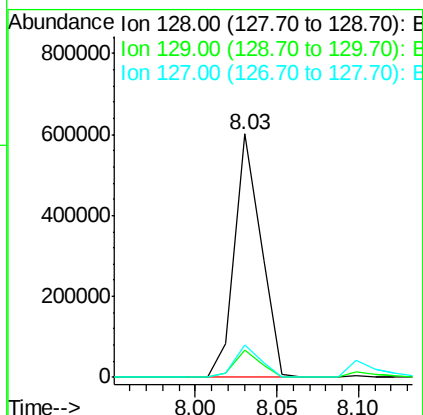
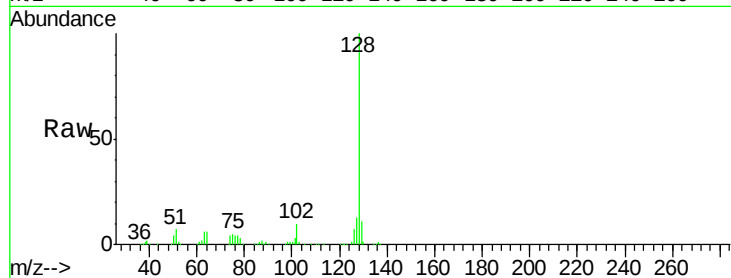




#31
Naphthalene
Concen: 32.86 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

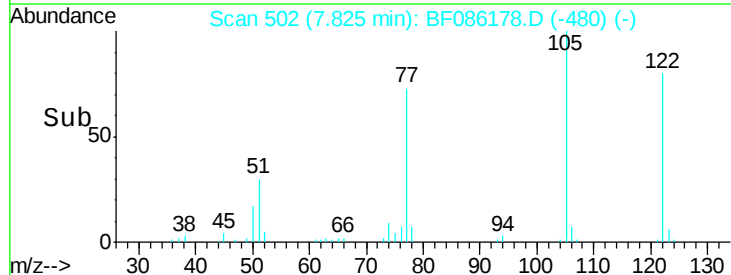
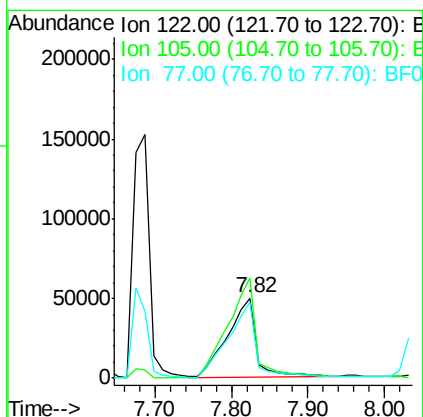
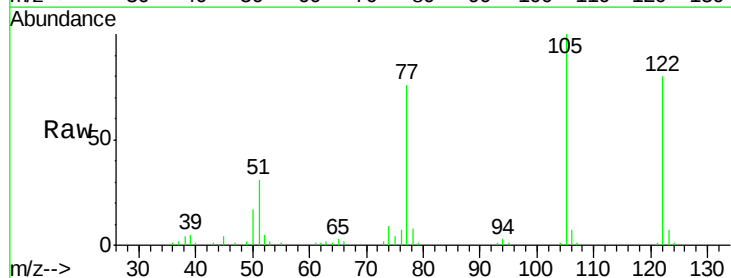
Instrument :
BNA_F
ClientSampleId :
PB89612BS

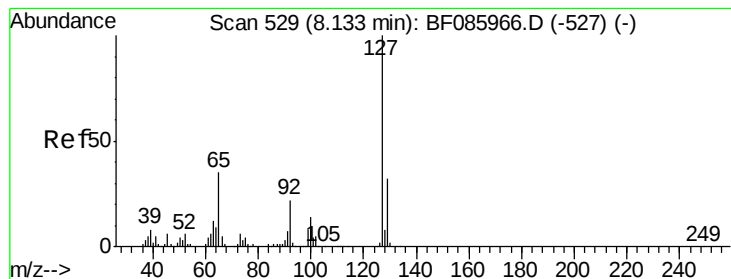
Tgt Ion:128 Resp: 675228
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.3 11.0 16.6



#32
Benzoic acid
Concen: 27.11 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion:122 Resp: 129527
Ion Ratio Lower Upper
122 100
105 124.9 102.9 142.9
77 94.3 71.8 111.8





#33

4-Chloroaniline

Concen: 7.35 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

ClientSampleId :

PB89612BS

Tgt Ion:127 Resp: 61046

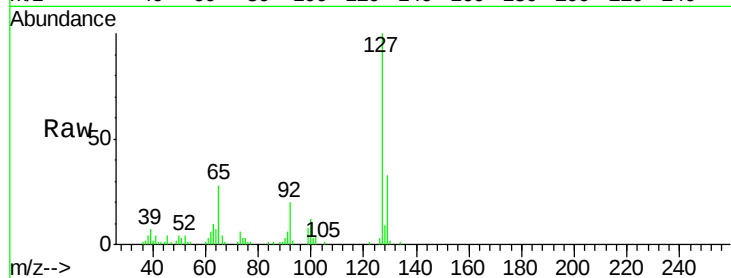
Ion Ratio Lower Upper

127 100

129 32.5 26.1 39.1

65 28.5 19.5 29.3

92 19.7 14.6 22.0

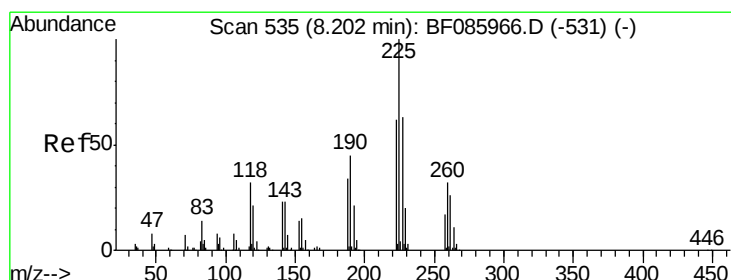
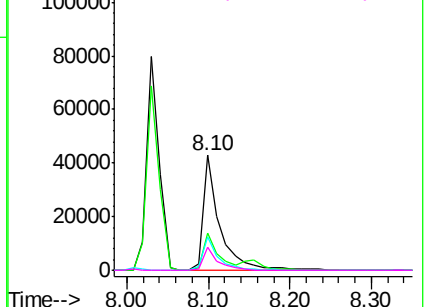
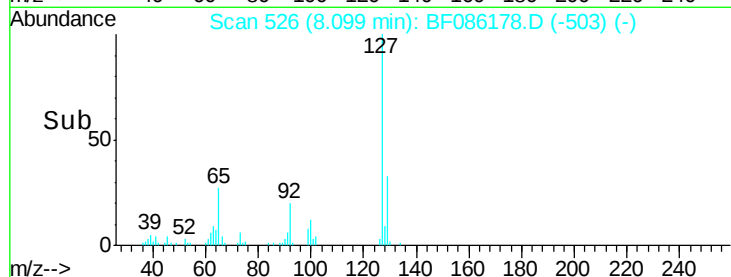


Abundance Ion 127.00 (126.70 to 127.70): E

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: 32.01 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

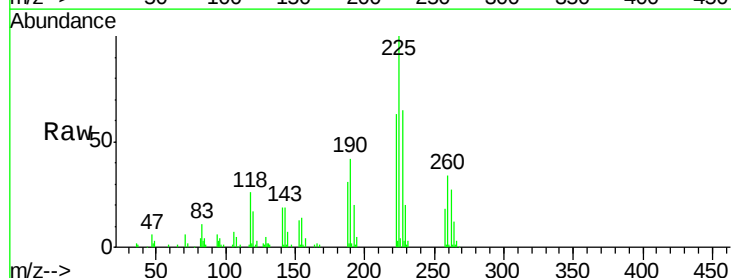
Tgt Ion:225 Resp: 106369

Ion Ratio Lower Upper

225 100

223 62.5 50.4 75.6

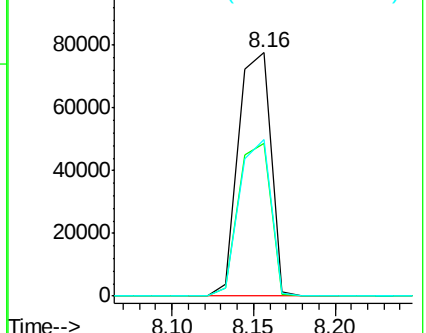
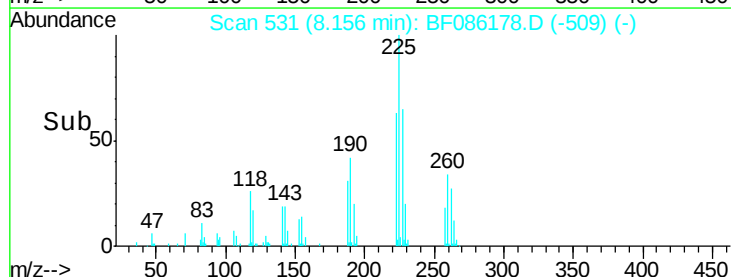
227 64.5 51.4 77.2

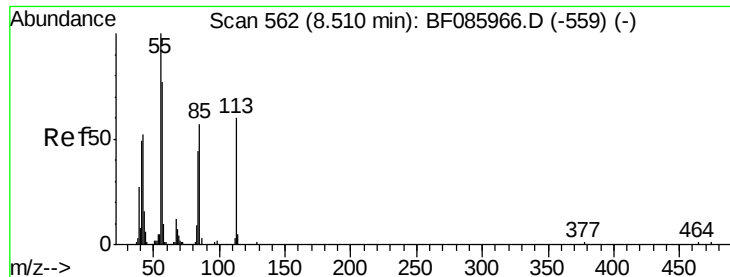


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

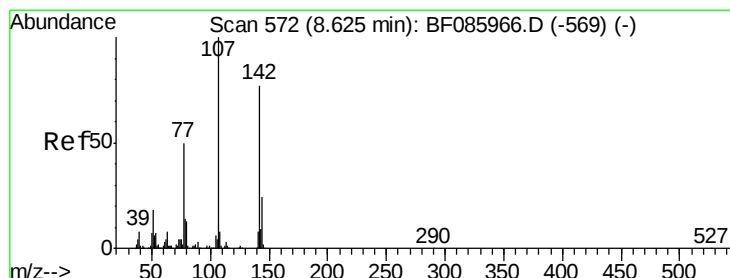
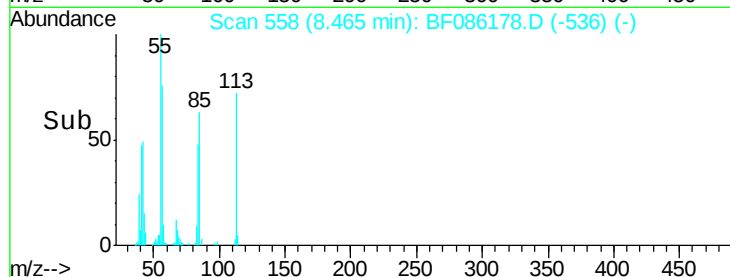
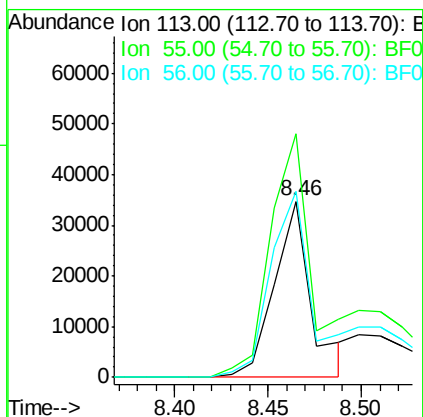
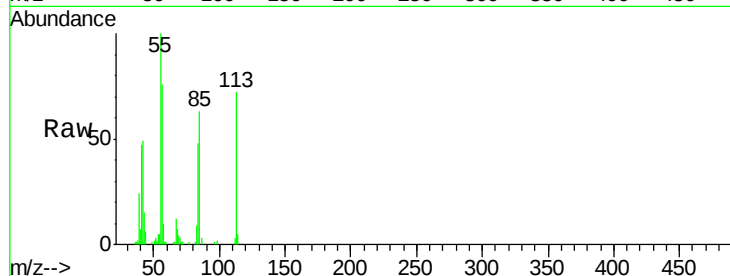




#35
 Caprolactam
 Concen: 27.33 ng
 RT: 8.46 min Scan# 558
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

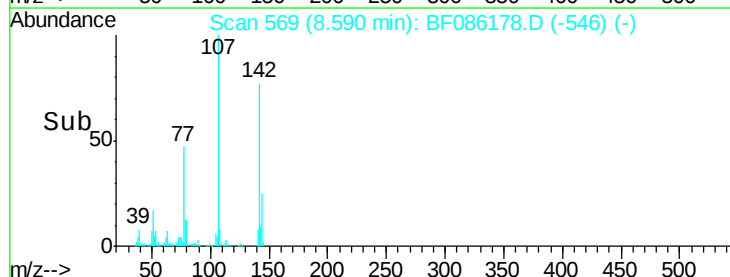
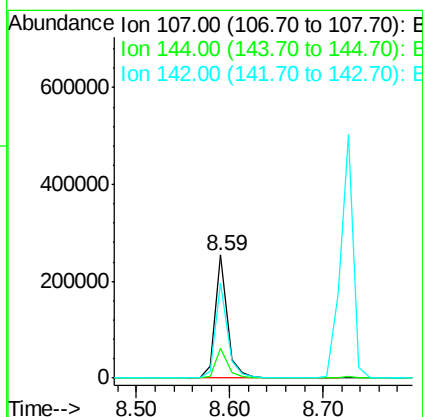
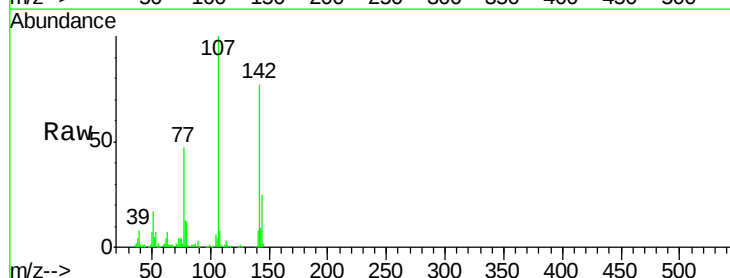
Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

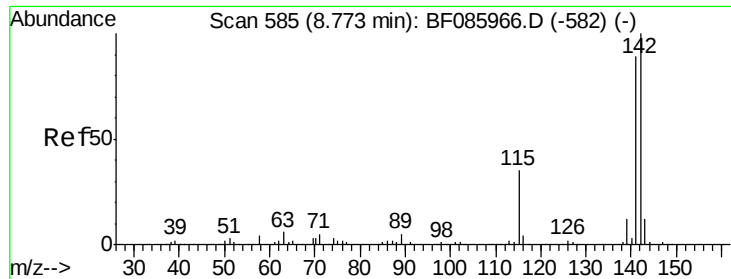
Tgt Ion:113 Resp: 47737
 Ion Ratio Lower Upper
 113 100
 55 138.2 139.4 179.4#
 56 105.5 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 37.37 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion:107 Resp: 231294
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.3 28.9
 142 77.3 61.4 92.0

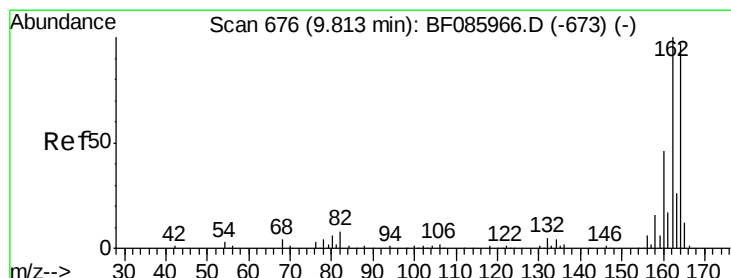
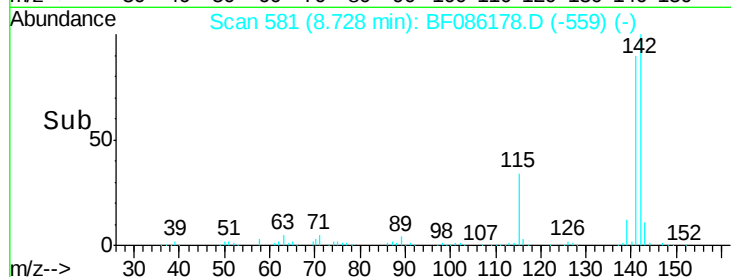
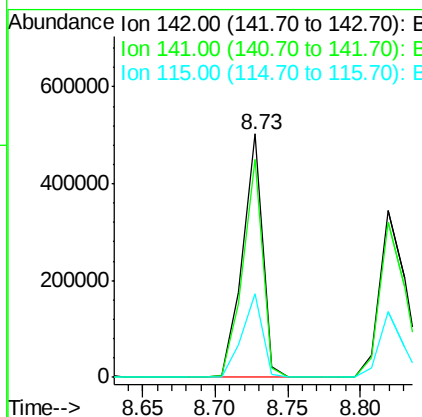
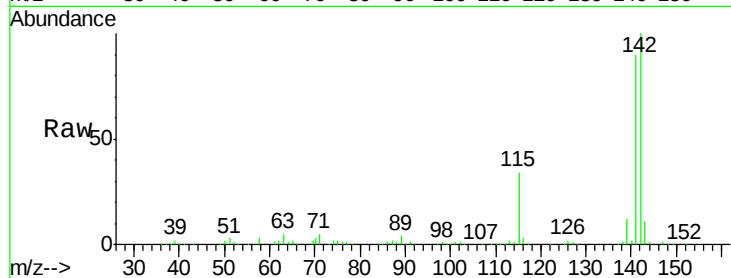




#37
 2-Methylnaphthalene
 Concen: 36.04 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

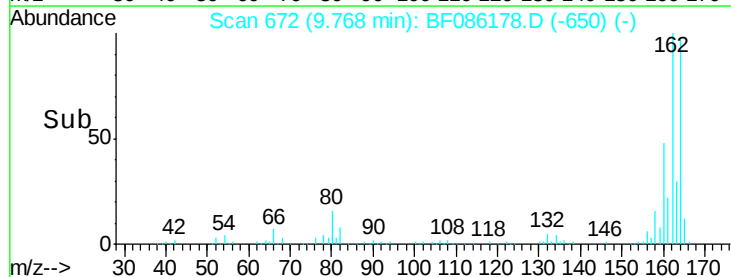
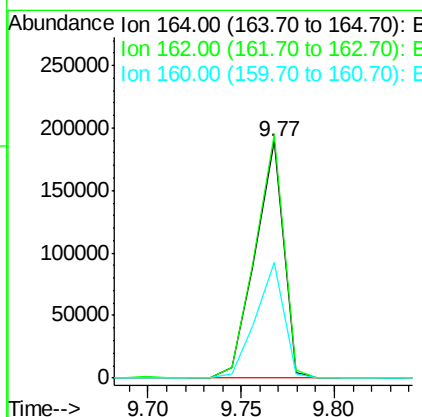
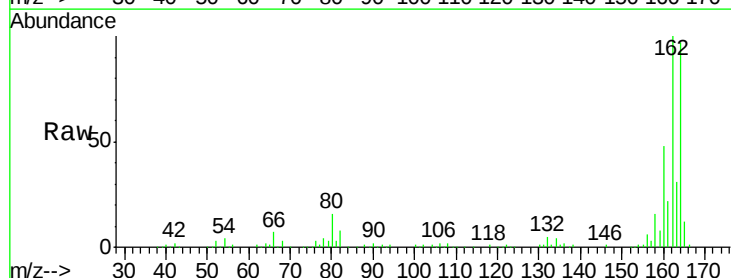
Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

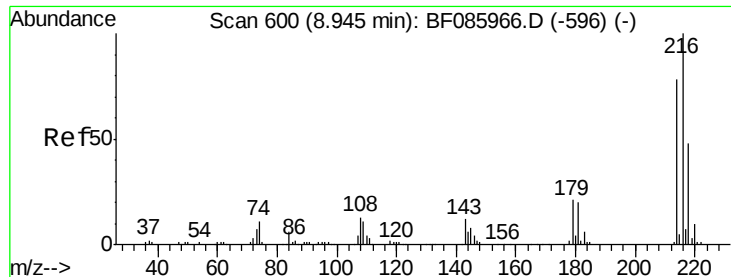
Tgt Ion:142 Resp: 483851
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.6 107.4
 115 34.1 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion:164 Resp: 199033
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.1 123.1
 160 48.9 37.4 56.2

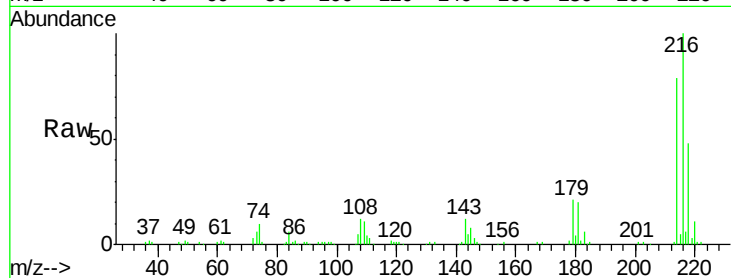




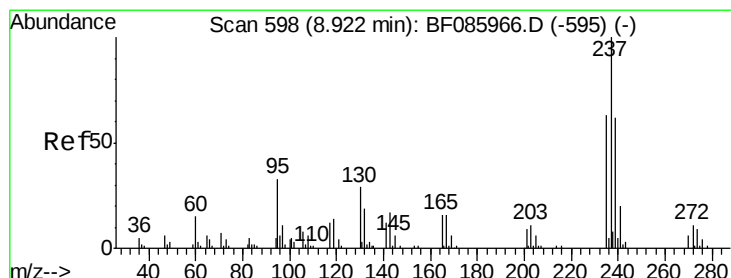
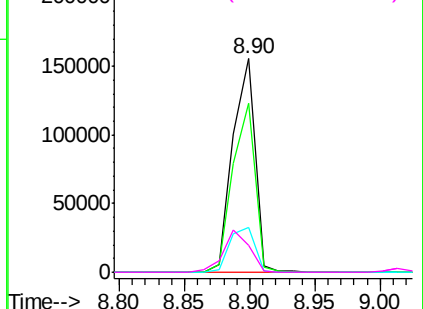
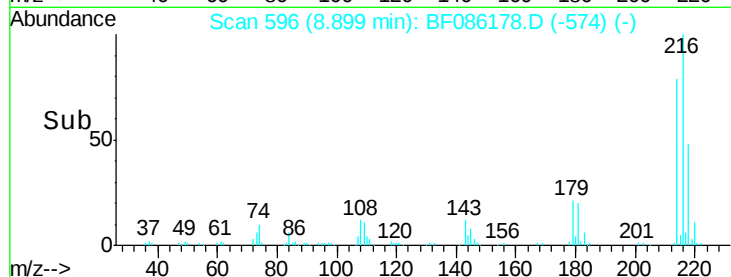
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.80 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tgt Ion:	216	Resp:	184242
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.1	94.7
179	23.4	18.2	27.2
108	23.2	17.3	25.9

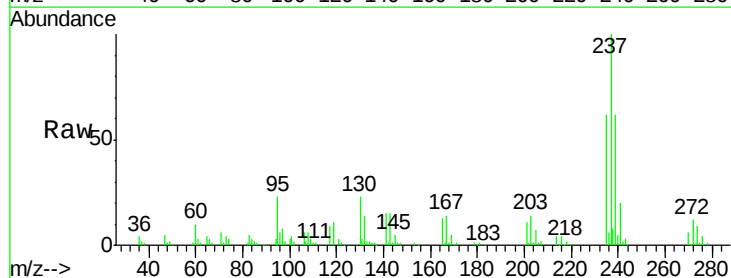


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

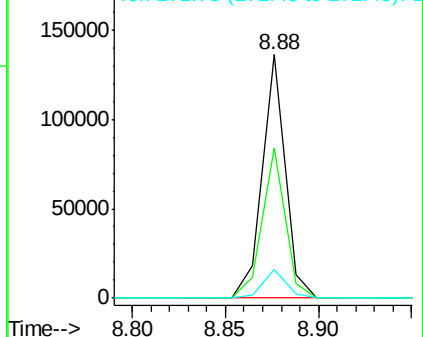
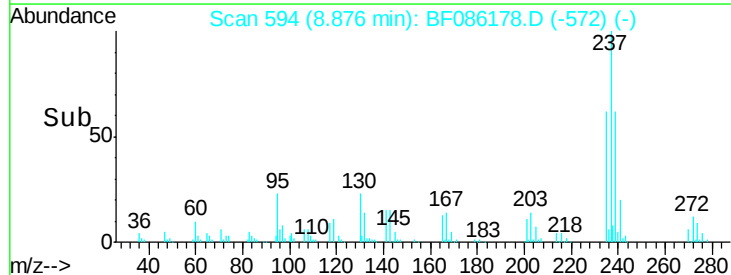


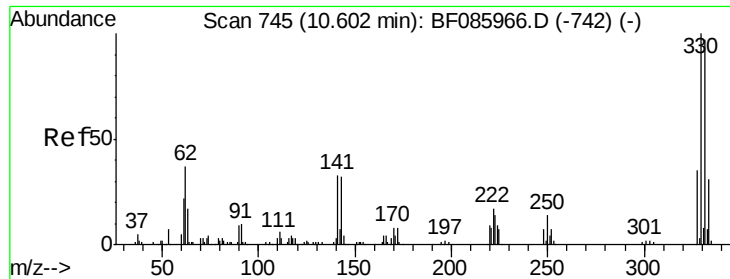
#40
 Hexachlorocyclopentadiene
 Concen: 59.68 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.04 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion:	237	Resp:	115176
Ion	Ratio	Lower	Upper
237	100		
235	61.9	43.7	83.7
272	12.0	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

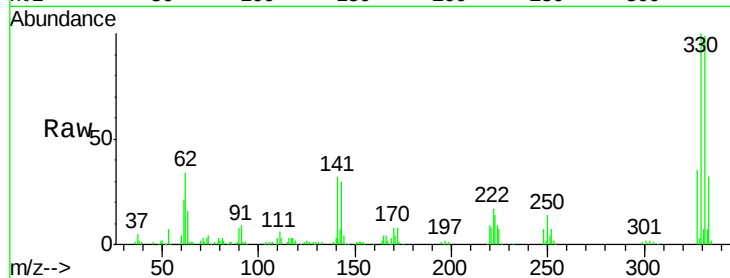




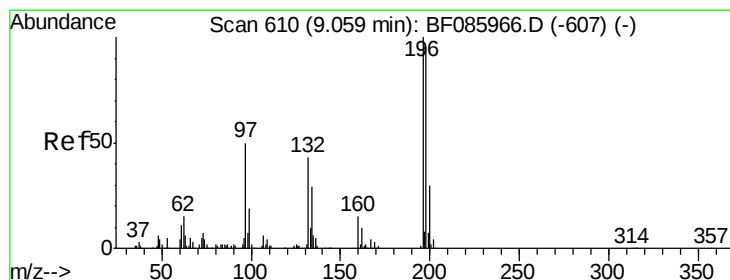
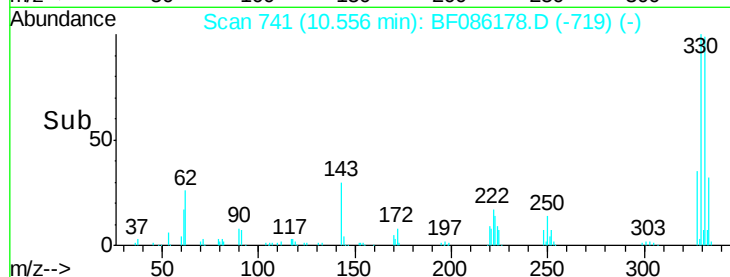
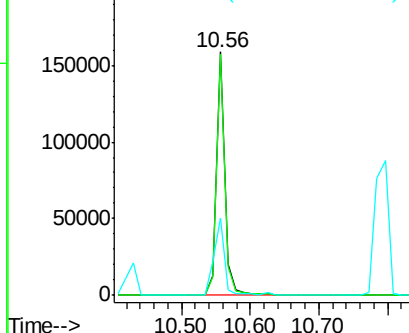
#41
 2,4,6-Tribromophenol
 Concen: 74.84 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tgt Ion:330 Resp: 139804
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.2 117.2
 141 39.3 31.5 47.3

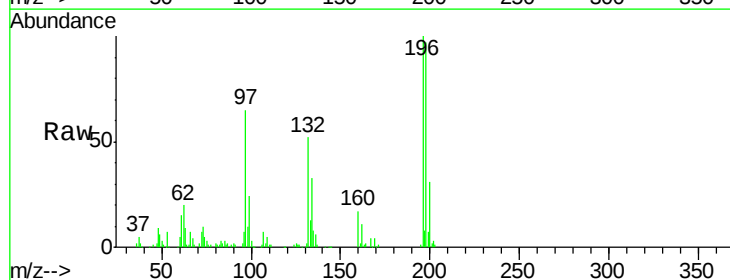


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

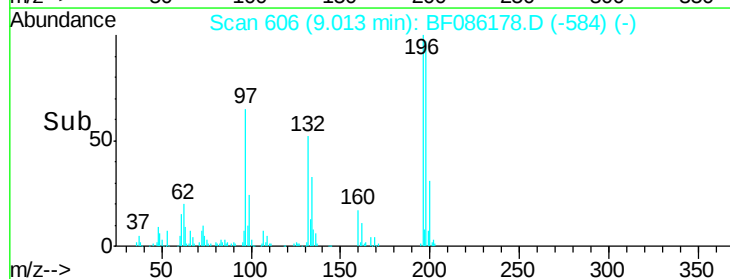
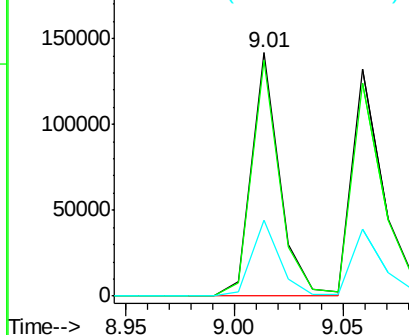


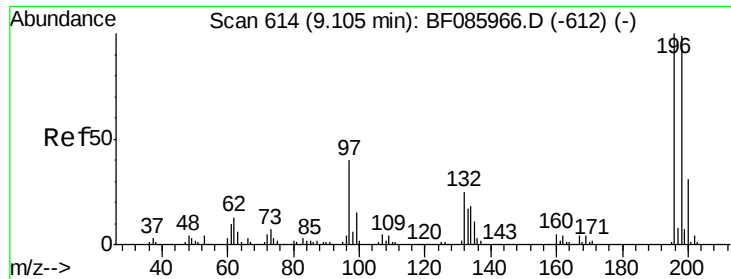
#42
 2,4,6-Trichlorophenol
 Concen: 33.43 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion:196 Resp: 128401
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.3 112.9
 200 31.0 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

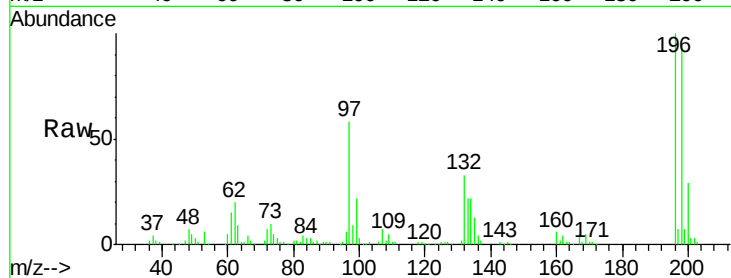




#43
 2,4,5-Trichlorophenol
 Concen: 35.58 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	76.6	114.8
97	57.8	30.5	45.7#
132	32.7	20.2	30.2#



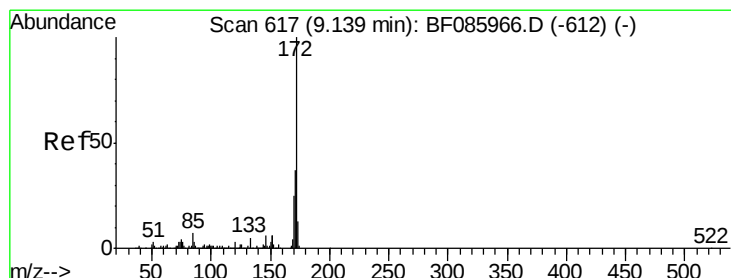
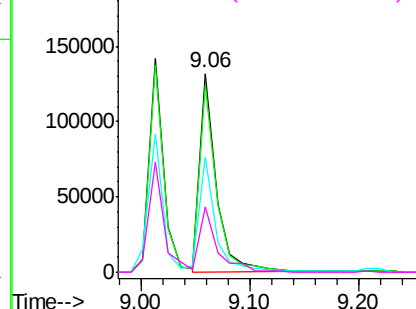
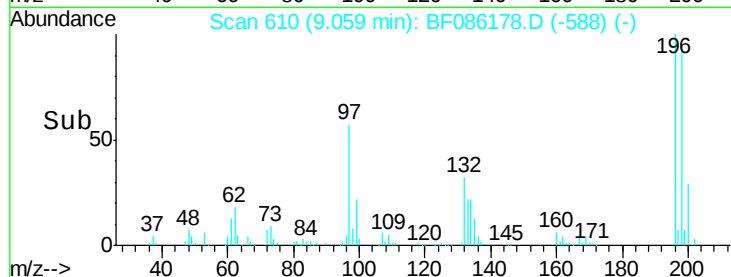
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

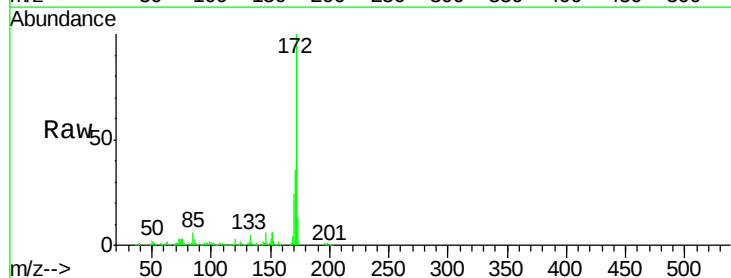
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.00 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.2
170	24.4	19.8	29.6

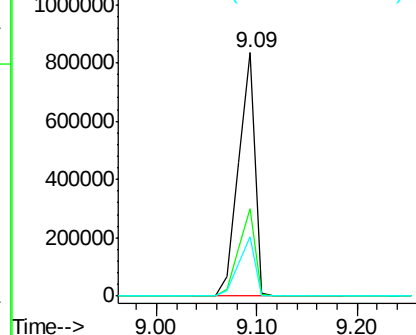
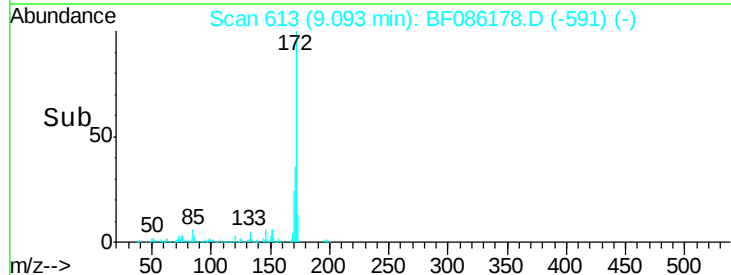


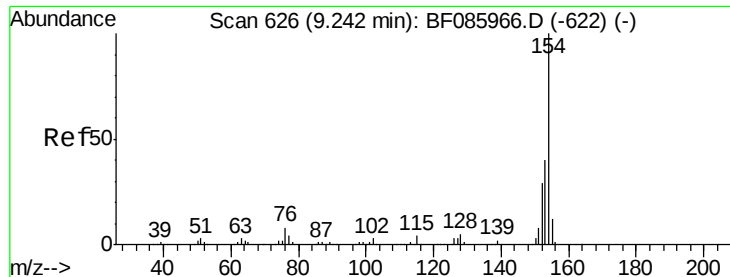
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

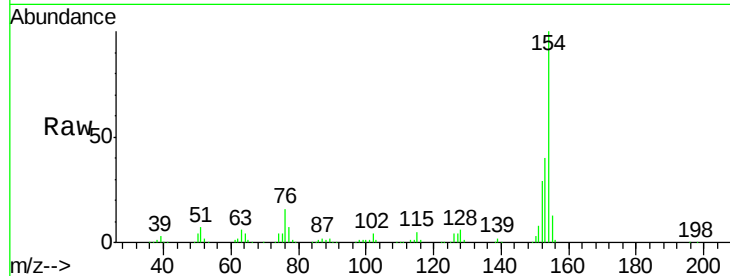




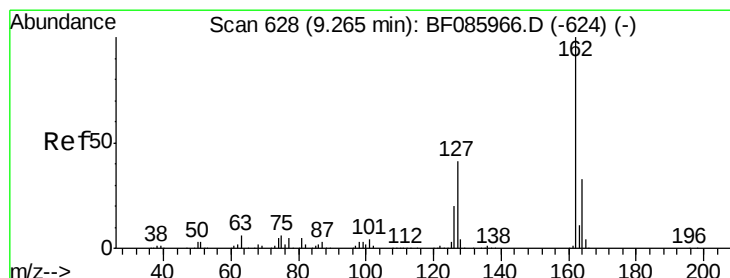
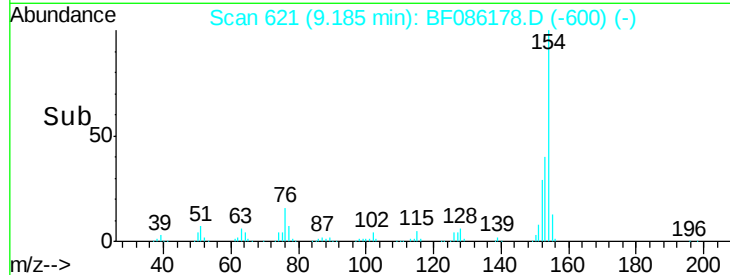
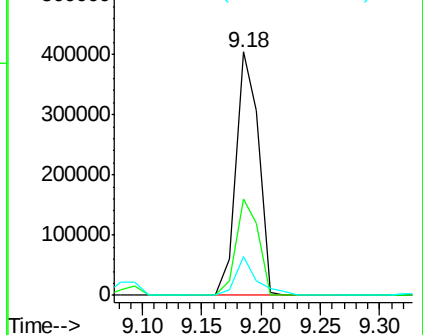
#45
 1,1'-Biphenyl
 Concen: 31.10 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.06 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tgt Ion:154 Resp: 533763
 Ion Ratio Lower Upper
 154 100
 153 39.8 20.8 60.8
 76 16.1 0.0 36.7

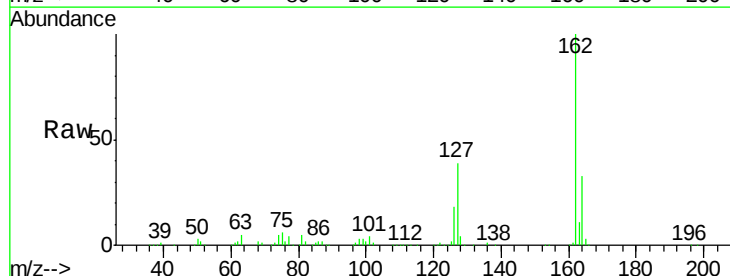


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

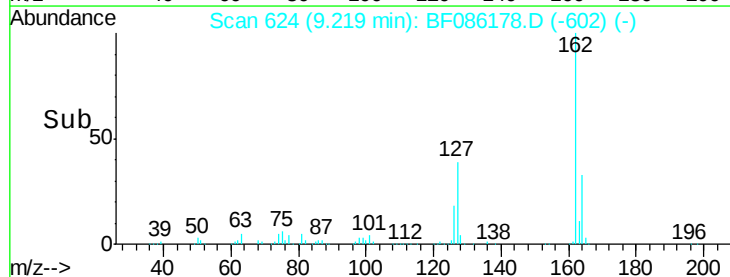
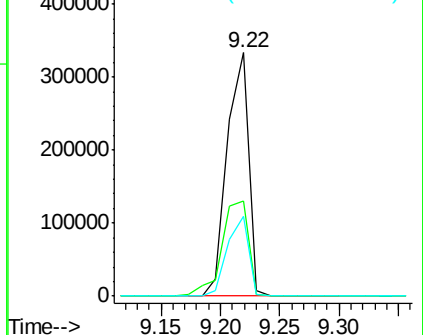


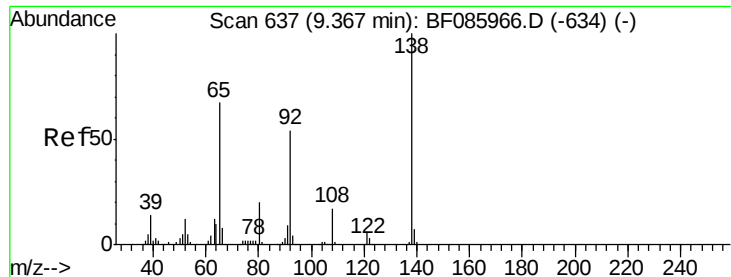
#46
 2-Chloronaphthalene
 Concen: 33.62 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion:162 Resp: 418203
 Ion Ratio Lower Upper
 162 100
 127 39.3 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: 36.82 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

ClientSampleId :

PB89612BS

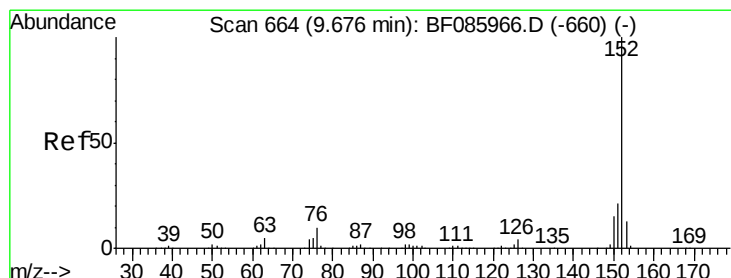
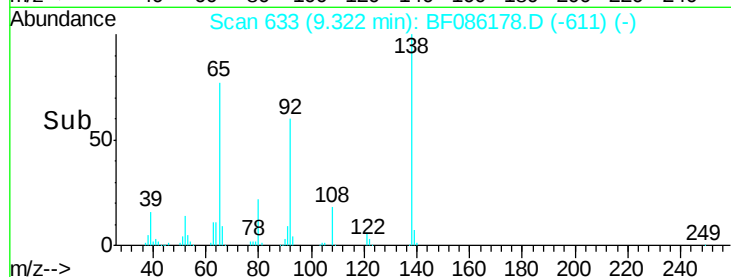
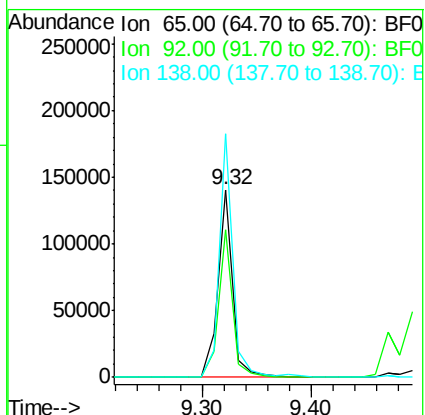
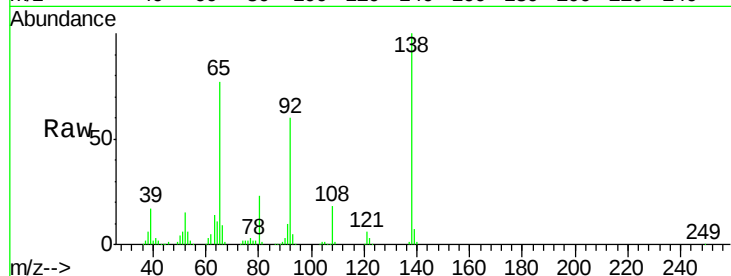
Tgt Ion: 65 Resp: 134035

Ion Ratio Lower Upper

65 100

92 78.5 59.7 89.5

138 129.8 91.4 137.0



#48

Acenaphthylene

Concen: 34.92 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

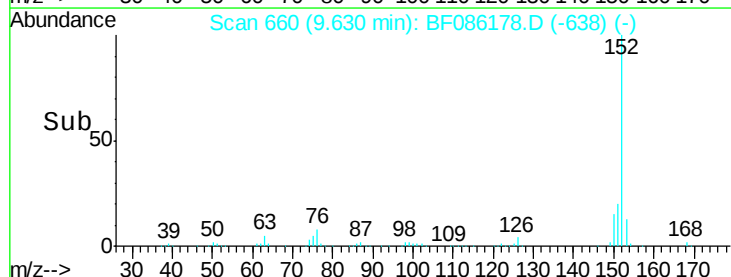
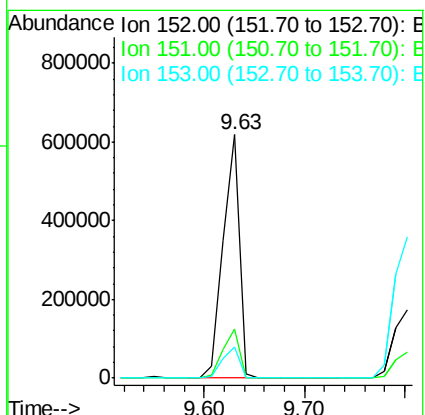
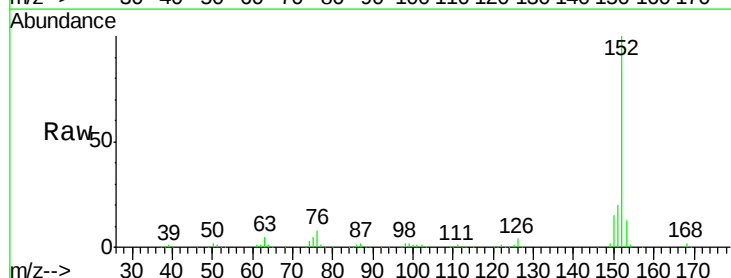
Tgt Ion: 152 Resp: 695883

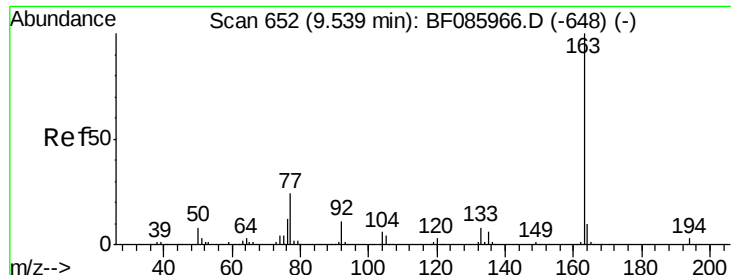
Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

153 12.9 10.9 16.3

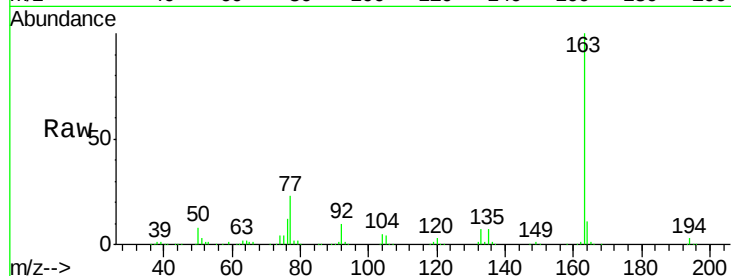




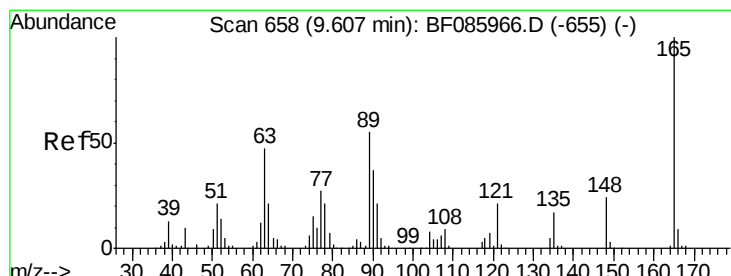
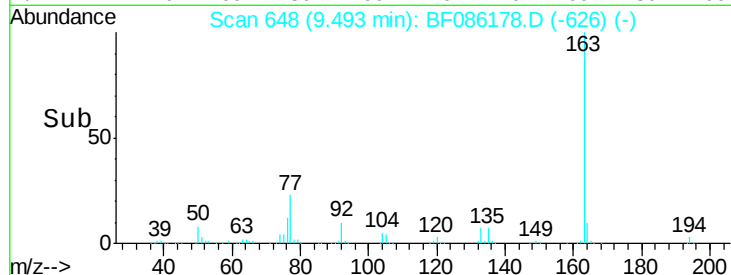
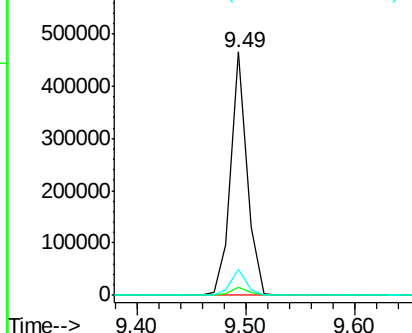
#49
Dimethylphthalate
Concen: 32.55 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tgt Ion:163 Resp: 480134
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 10.5 8.3 12.5

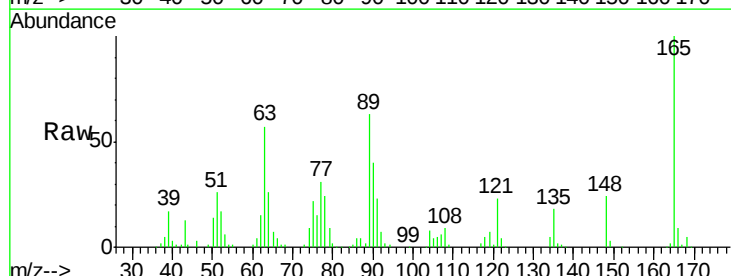


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

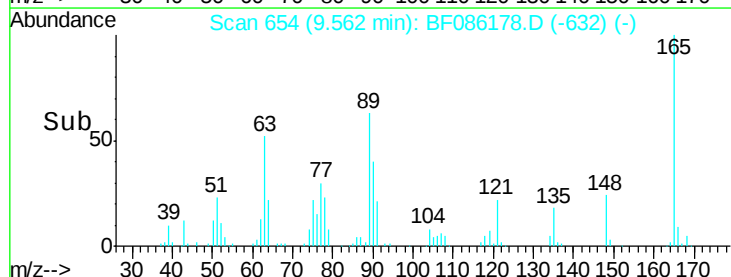
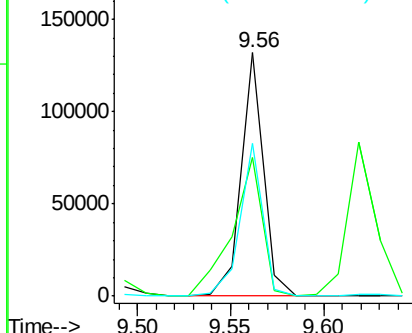


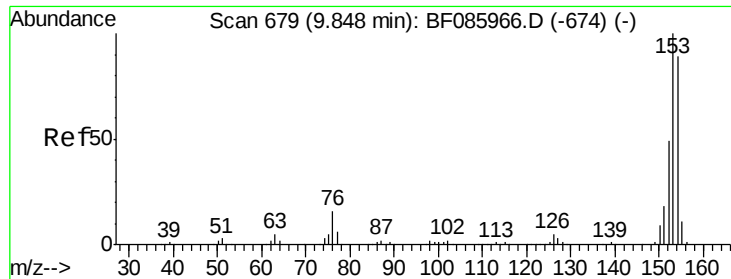
#50
2,6-Dinitrotoluene
Concen: 35.46 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion:165 Resp: 110660
Ion Ratio Lower Upper
165 100
63 57.0 51.8 77.8
89 62.7 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: 33.91 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

ClientSampleId :

PB89612BS

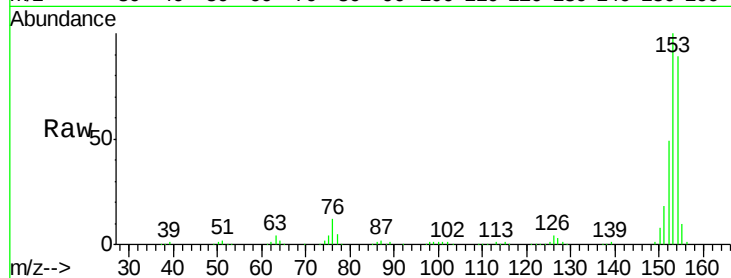
Tgt Ion:154 Resp: 401916

Ion Ratio Lower Upper

154 100

153 112.1 90.1 135.1

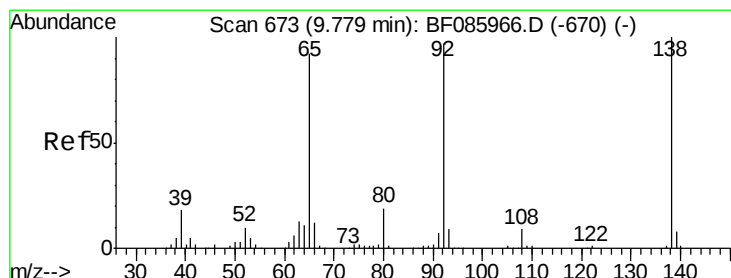
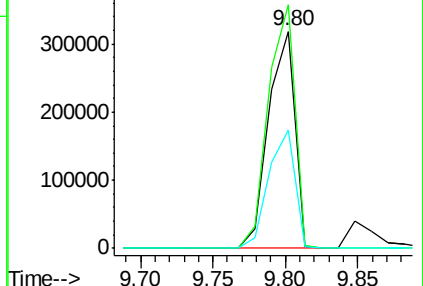
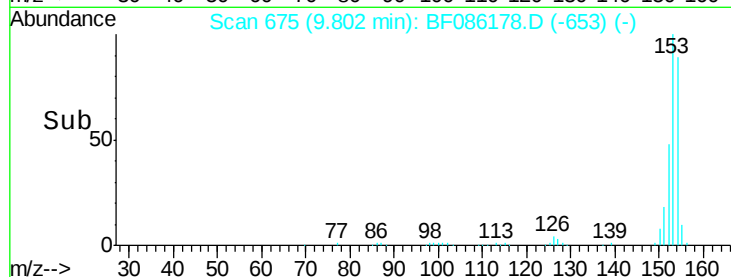
152 54.5 44.2 66.2



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: 14.42 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

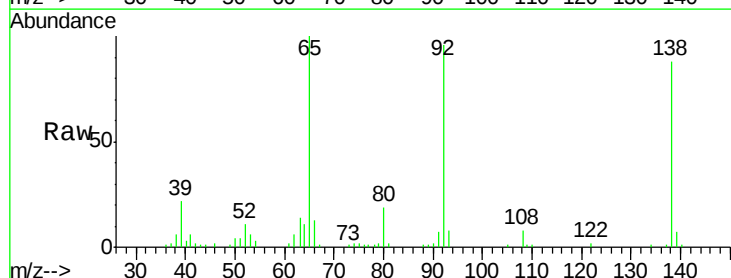
Tgt Ion:138 Resp: 54227

Ion Ratio Lower Upper

138 100

108 9.6 8.7 13.1

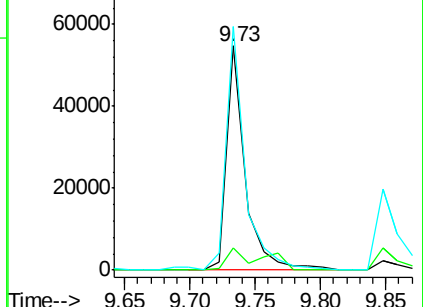
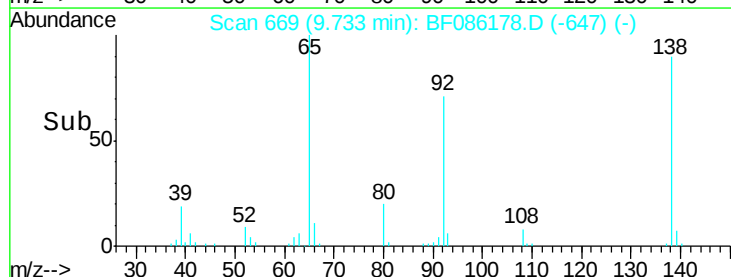
92 108.8 93.3 139.9

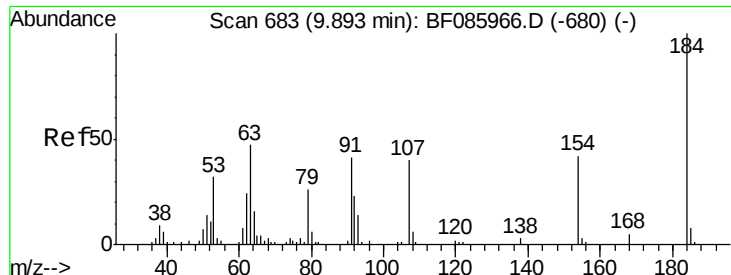


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

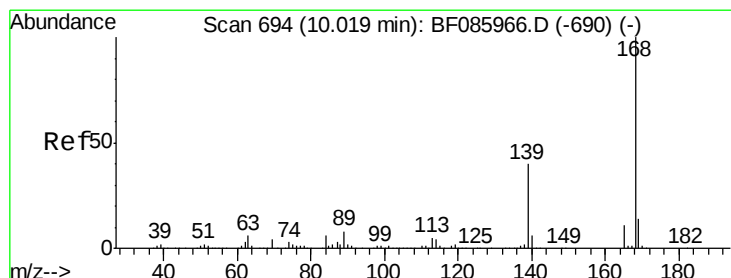
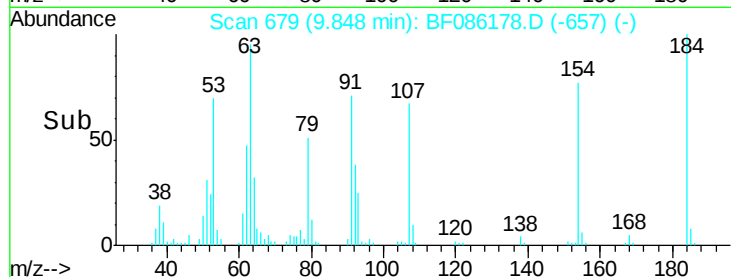
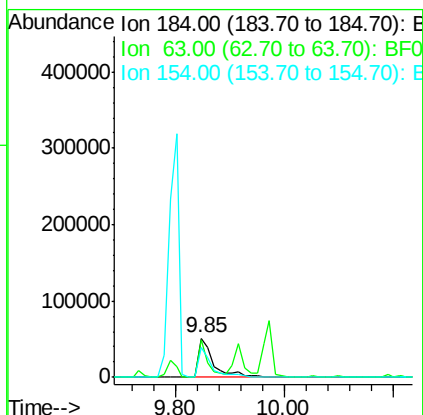
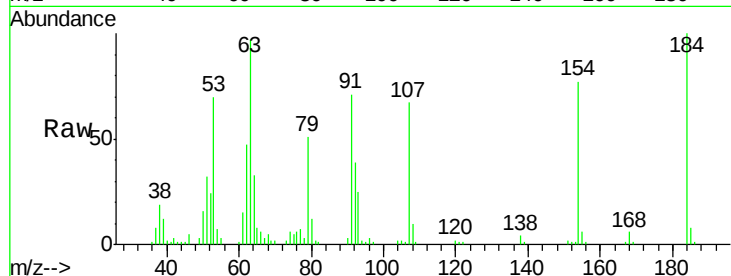




#53
 2,4-Dinitrophenol
 Concen: 55.71 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

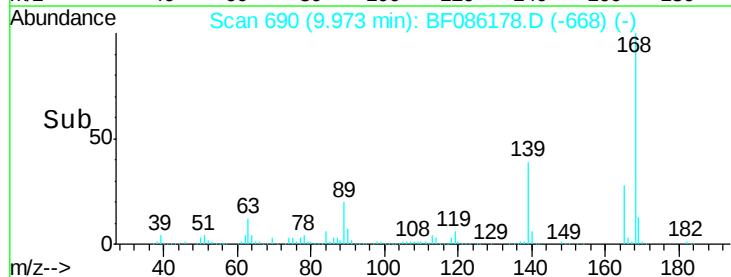
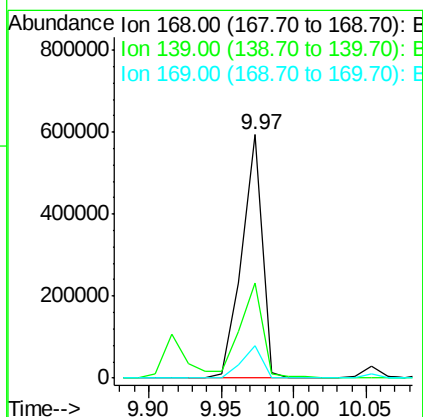
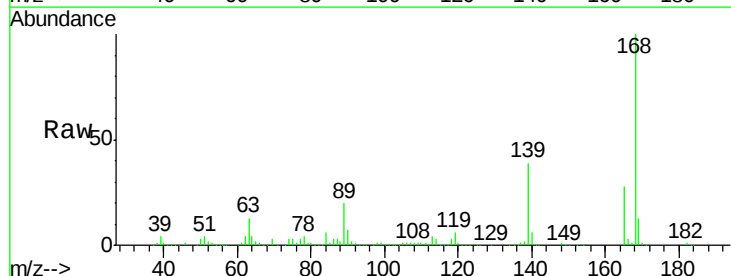
Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

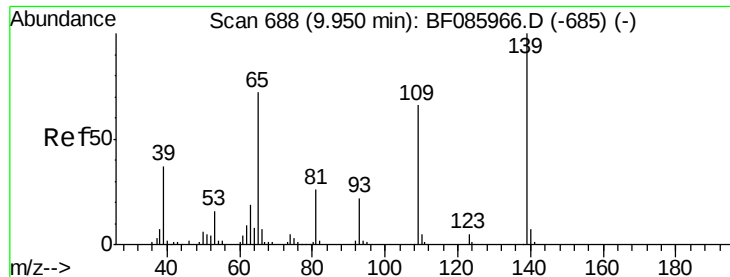
Tgt Ion:184 Resp: 100047
 Ion Ratio Lower Upper
 184 100
 63 97.2 69.5 104.3
 154 76.8 58.3 87.5



#54
 Dibenzofuran
 Concen: 37.41 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion:168 Resp: 585540
 Ion Ratio Lower Upper
 168 100
 139 39.1 31.9 47.9
 169 13.4 11.0 16.6

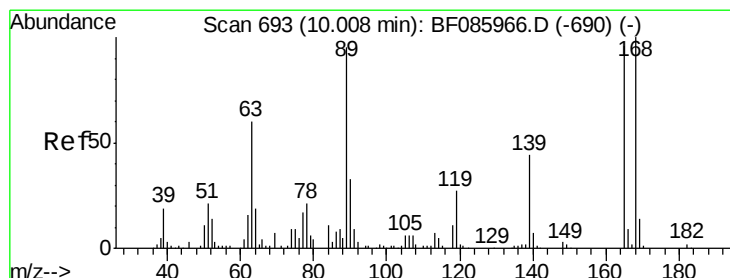
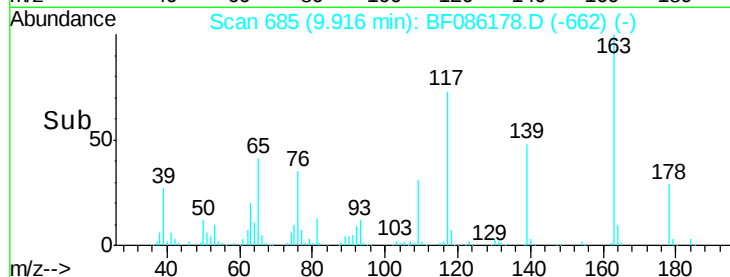
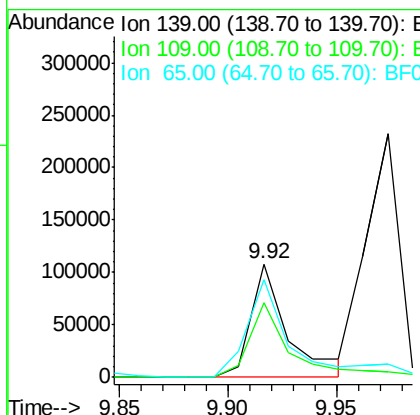
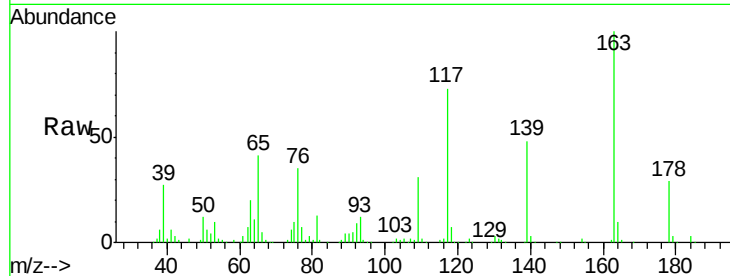




#55
4-Nitrophenol
Concen: 58.06 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

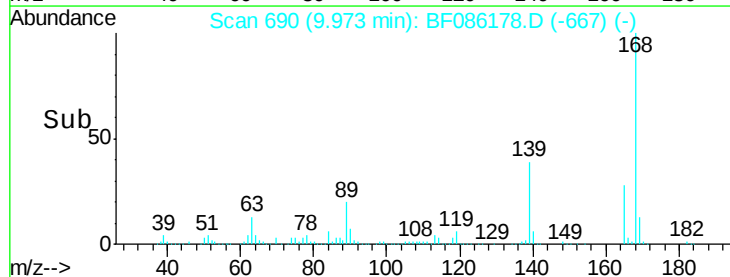
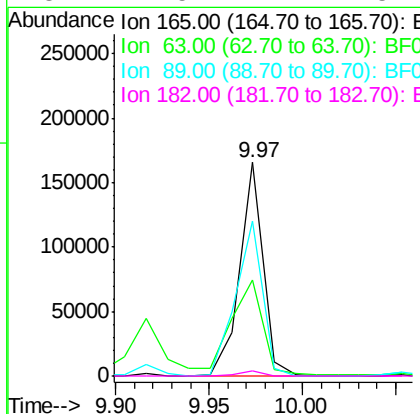
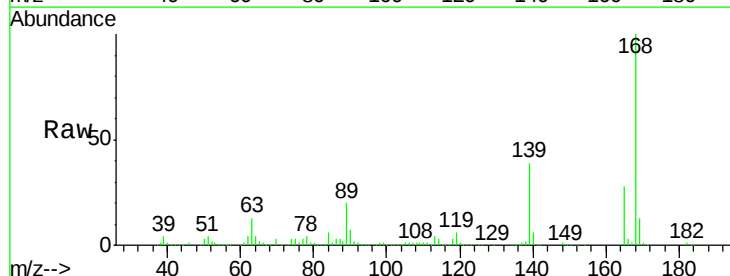
Instrument :
BNA_F
ClientSampleId :
PB89612BS

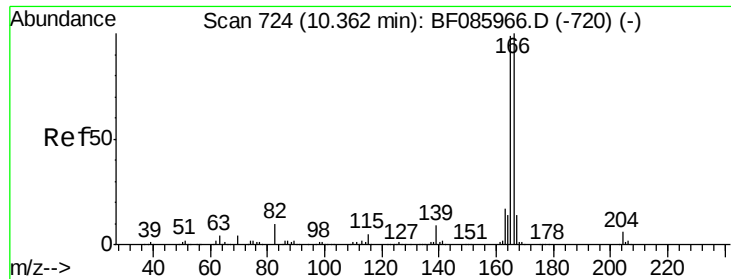
Tgt Ion:139 Resp: 128751
Ion Ratio Lower Upper
139 100
109 65.5 49.2 89.2
65 86.3 66.9 106.9



#56
2,4-Dinitrotoluene
Concen: 36.84 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion:165 Resp: 145313
Ion Ratio Lower Upper
165 100
63 45.1 24.9 37.3#
89 72.4 41.0 61.6#
182 2.5 2.1 3.1

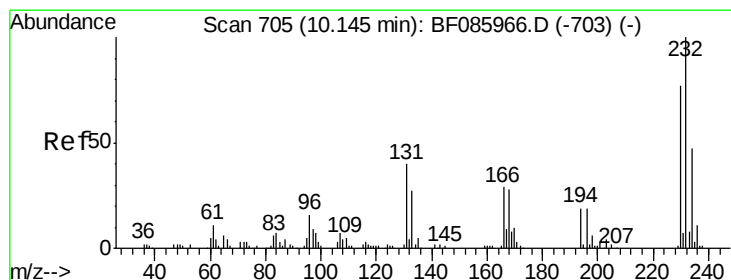
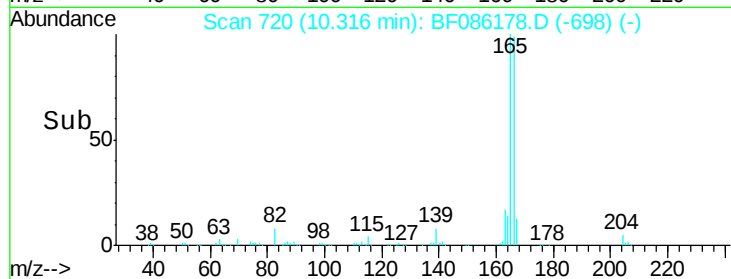
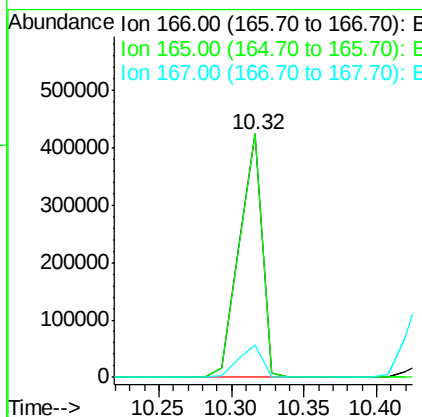
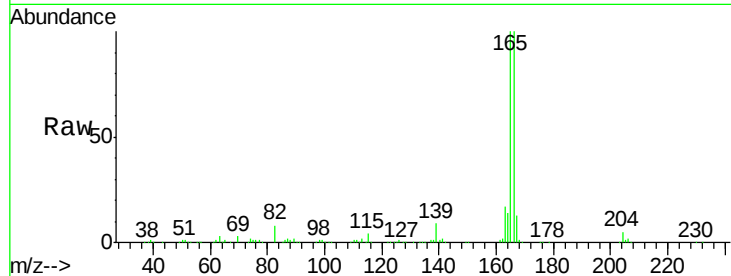




#57
 Fluorene
 Concen: 34.51 ng
 RT: 10.32 min Scan# 720
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

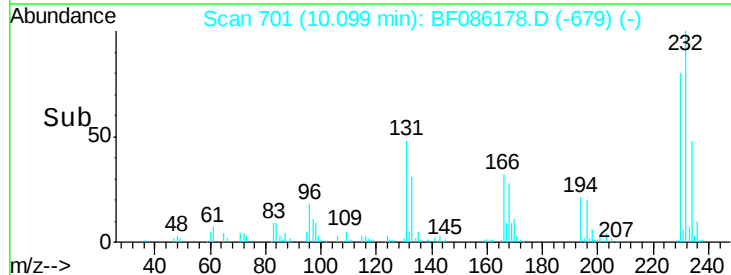
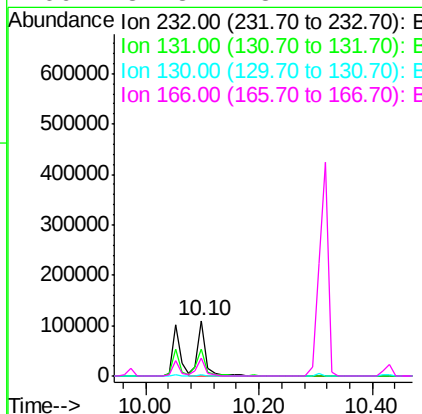
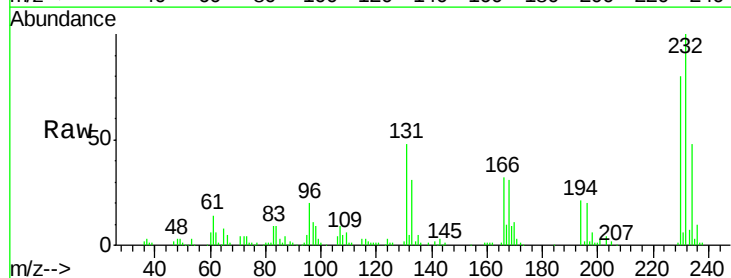
Instrument :
 BNA_F
 ClientSampled :
 PB89612BS

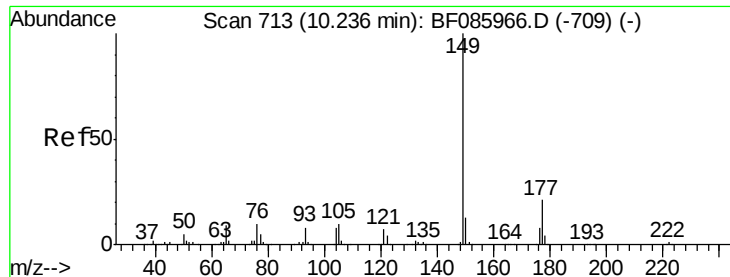
Tgt Ion:166 Resp: 461418
 Ion Ratio Lower Upper
 166 100
 165 100.2 79.4 119.0
 167 13.4 11.0 16.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.09 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion:232 Resp: 110623
 Ion Ratio Lower Upper
 232 100
 131 53.4 44.9 67.3
 130 2.6 2.3 3.5
 166 31.3 28.1 42.1

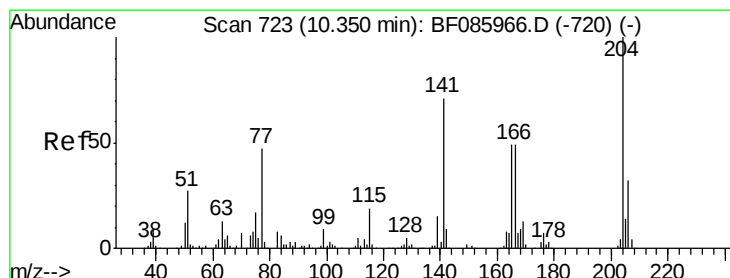
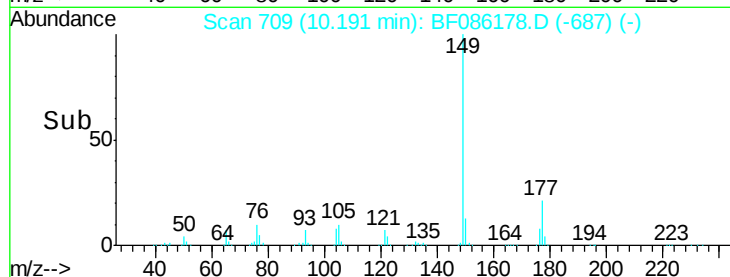
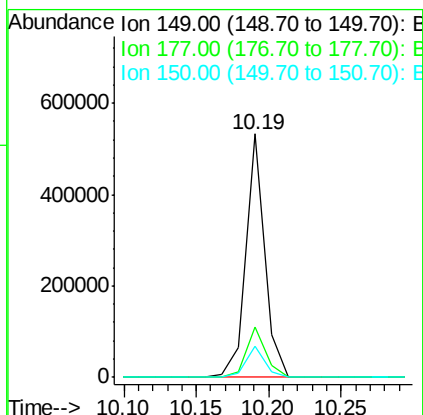
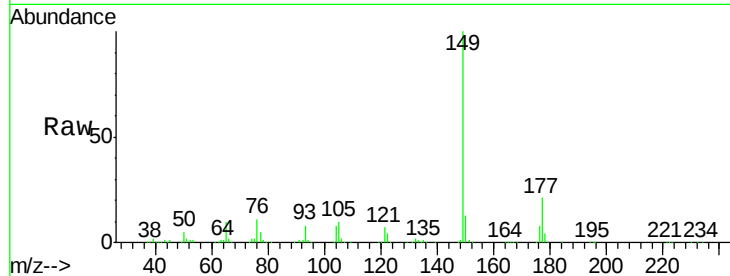




#59
Diethylphthalate
Concen: 32.29 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

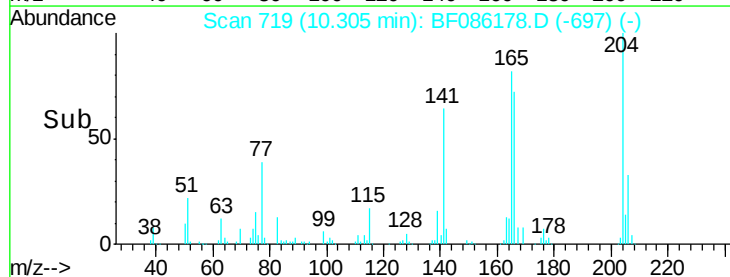
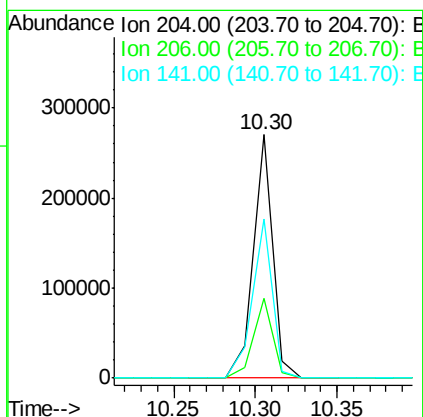
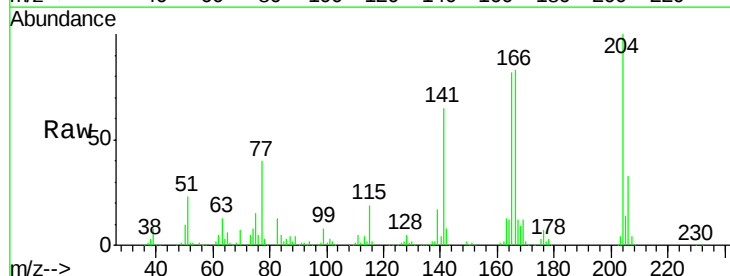
Instrument :
BNA_F
ClientSampleId :
PB89612BS

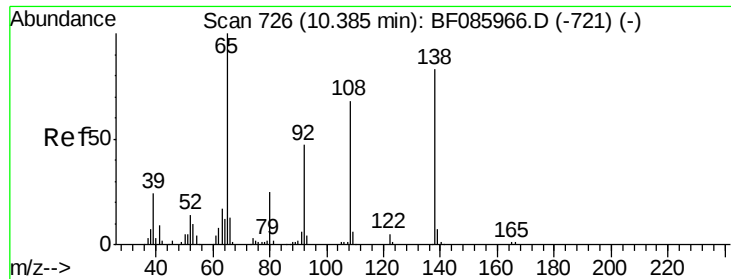
Tgt Ion:149 Resp: 480793
Ion Ratio Lower Upper
149 100
177 20.8 17.9 26.9
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 36.01 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion:204 Resp: 224262
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 65.2 57.4 86.0

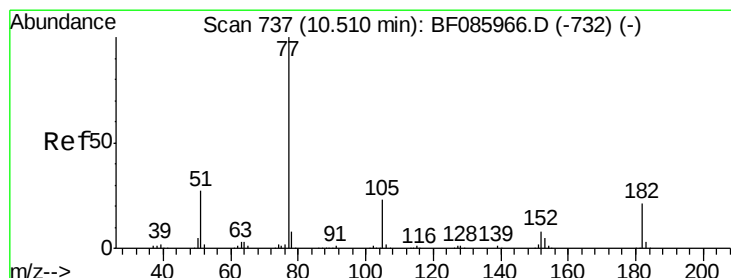
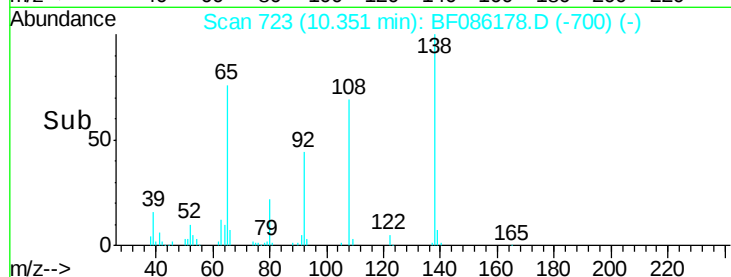
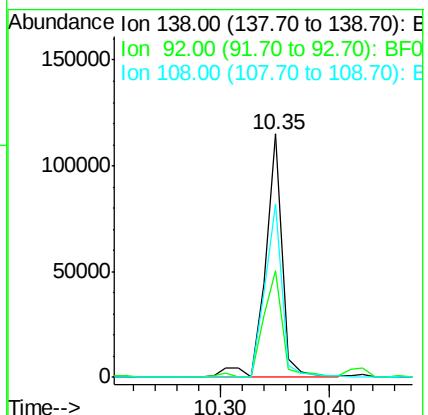
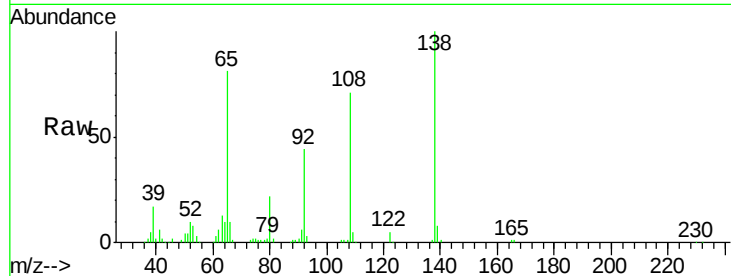




#61
4-Nitroaniline
Concen: 33.96 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

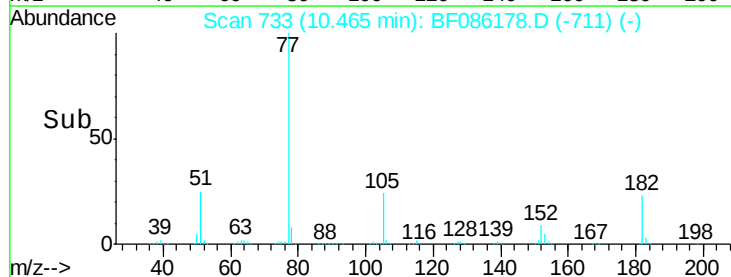
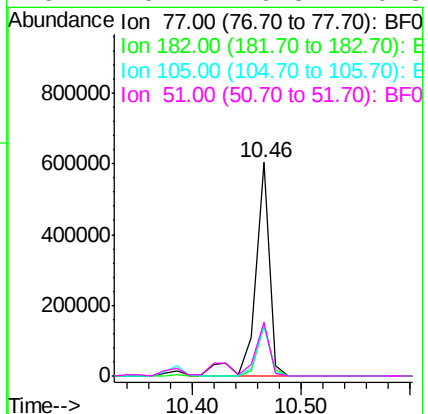
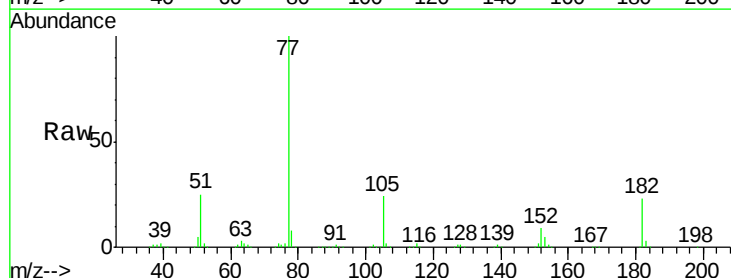
Instrument :
BNA_F
ClientSampleId :
PB89612BS

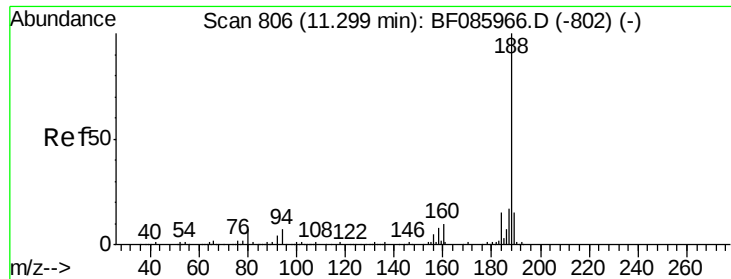
Tgt Ion: 138 Resp: 125818
Ion Ratio Lower Upper
138 100
92 44.0 26.4 66.4
108 70.9 49.0 89.0



#62
Azobenzene
Concen: 39.52 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion: 77 Resp: 563625
Ion Ratio Lower Upper
77 100
182 23.2 1.9 41.9
105 23.9 3.5 43.5
51 25.2 6.3 46.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.06 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

ClientSampleId :

PB89612BS

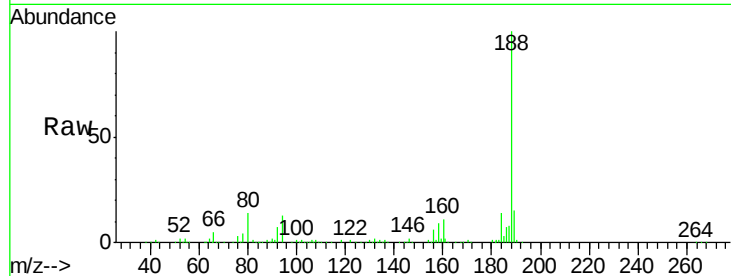
Tgt Ion:188 Resp: 370840

Ion Ratio Lower Upper

188 100

94 13.4 5.4 8.0#

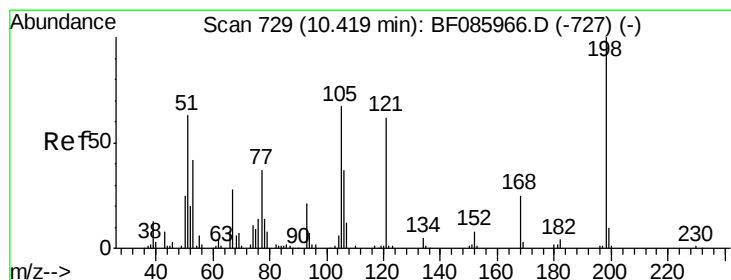
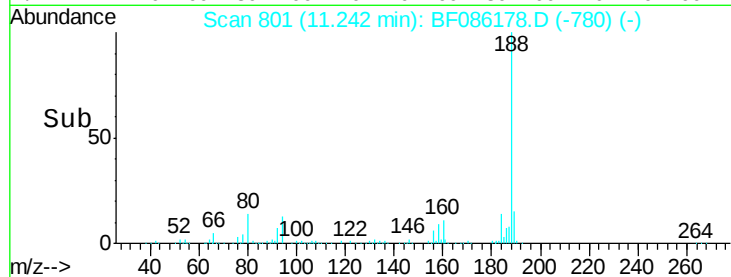
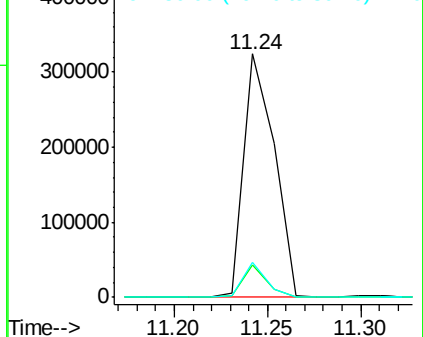
80 14.1 5.5 8.3#



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: 31.00 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

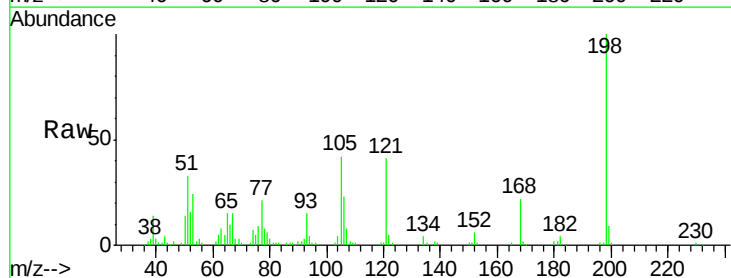
Tgt Ion:198 Resp: 69662

Ion Ratio Lower Upper

198 100

51 33.2 45.4 85.4#

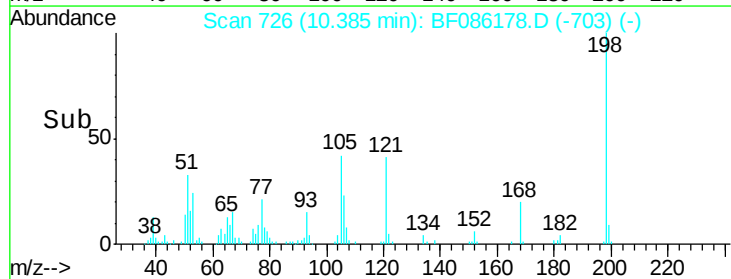
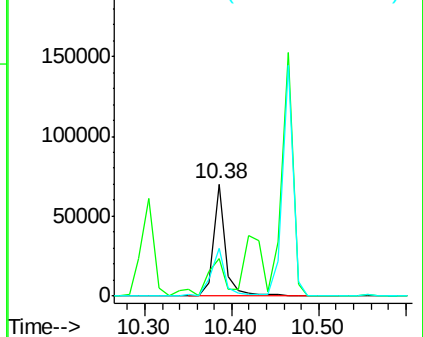
105 42.3 45.9 85.9#

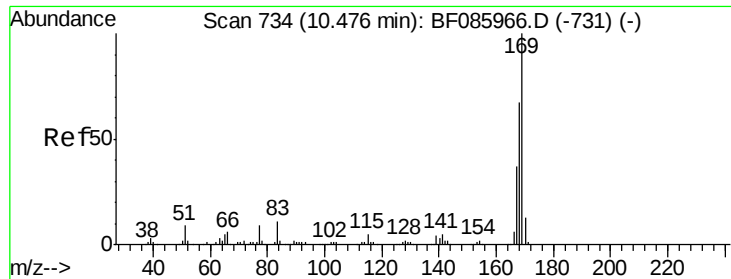


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.71 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

ClientSampleId :

PB89612BS

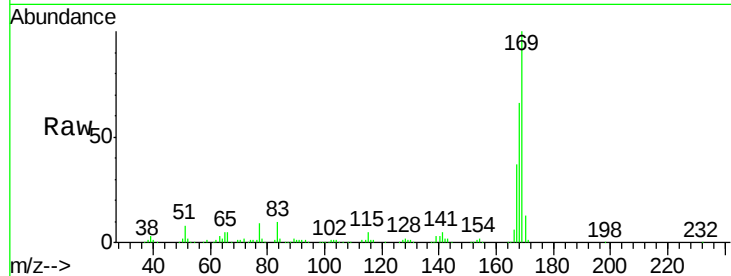
Tgt Ion:169 Resp: 425787

Ion Ratio Lower Upper

169 100

168 66.1 54.4 81.6

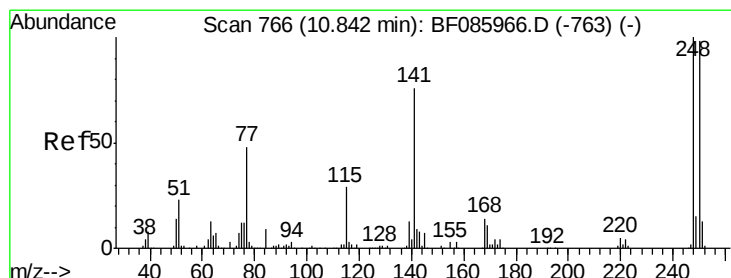
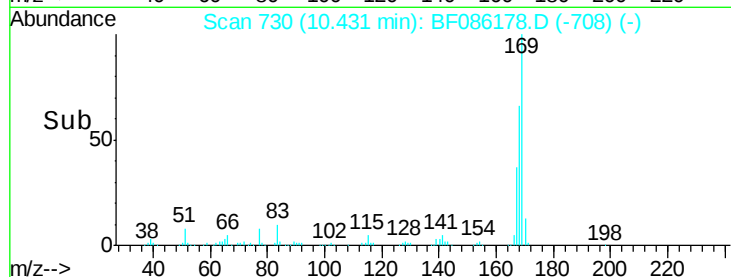
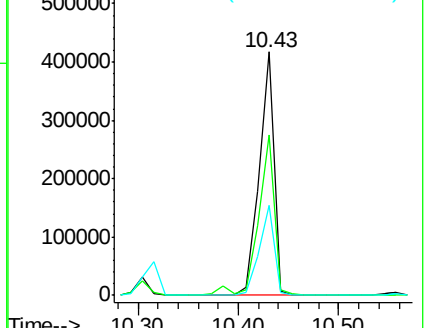
167 36.9 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.14 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

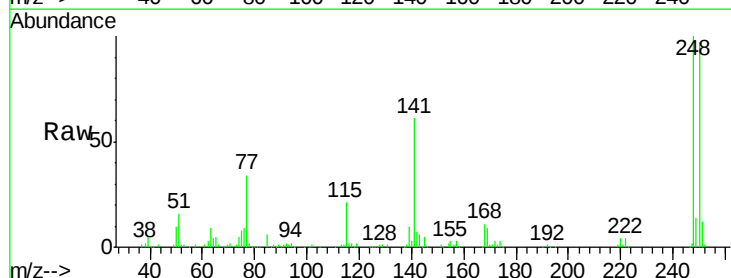
Tgt Ion:248 Resp: 133040

Ion Ratio Lower Upper

248 100

250 97.3 77.4 116.0

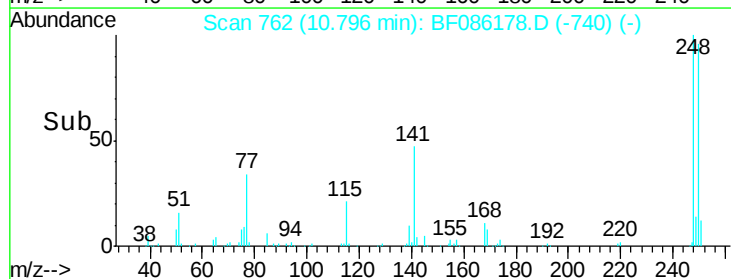
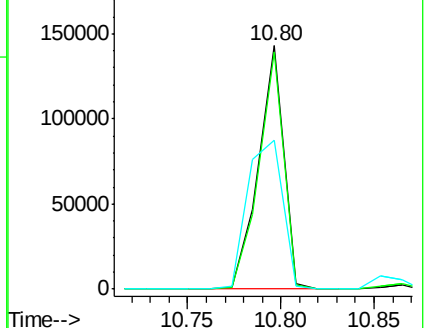
141 61.4 63.6 95.4#

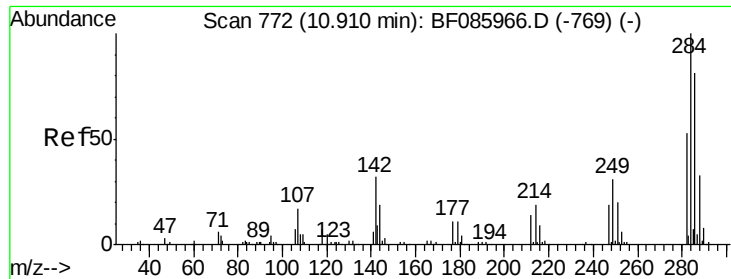


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

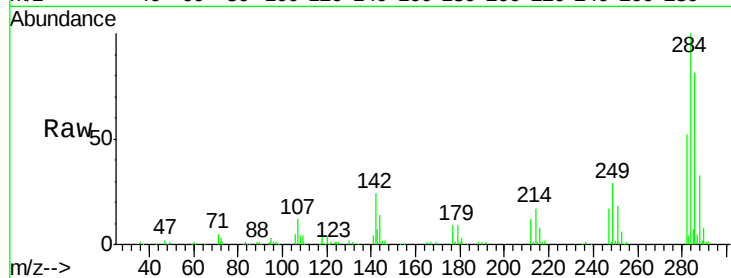




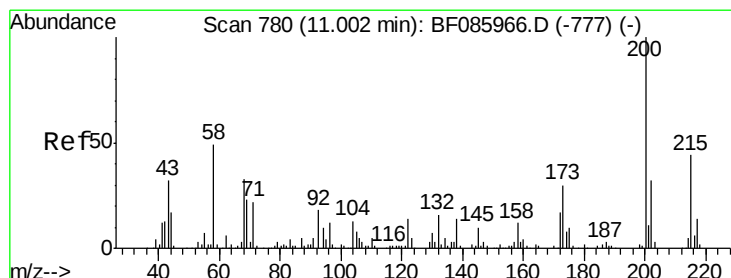
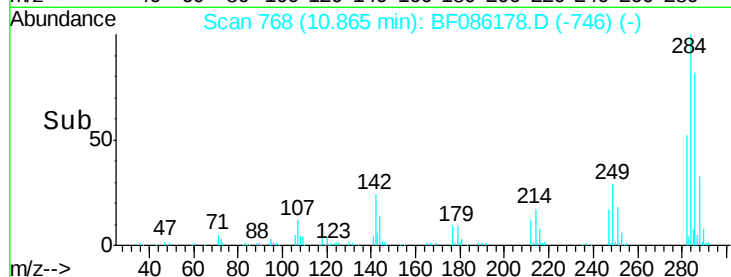
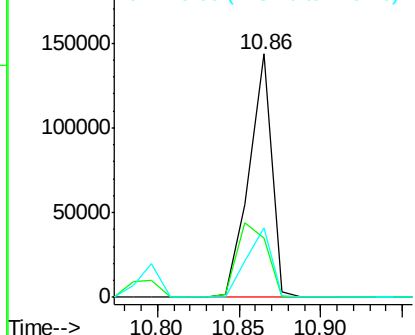
#67
Hexachlorobenzene
Concen: 35.59 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tgt Ion: 284 Resp: 139353
Ion Ratio Lower Upper
284 100
142 24.1 23.1 34.7
249 28.6 24.2 36.2

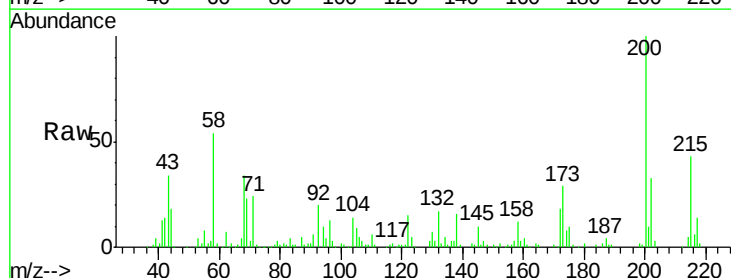


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

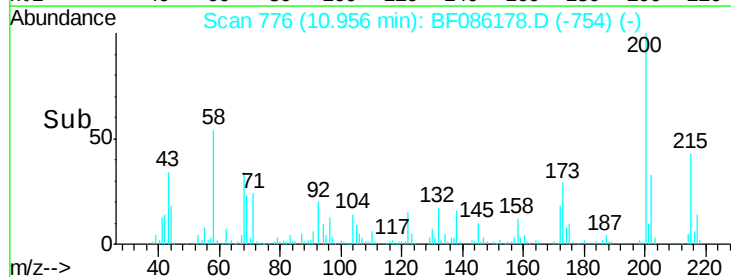
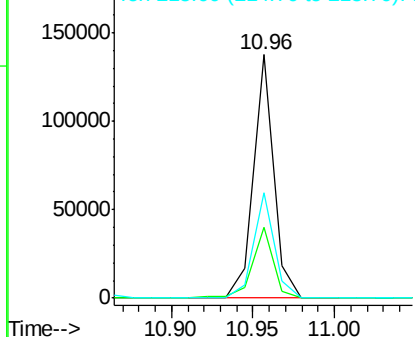


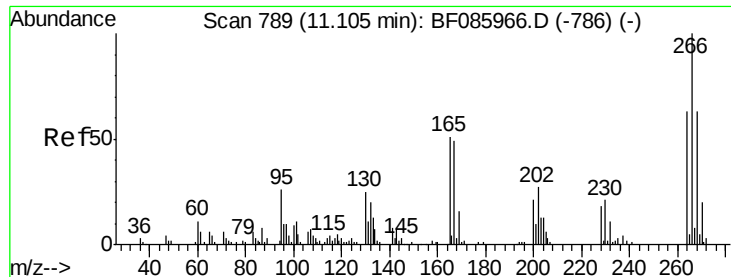
#68
Atrazine
Concen: 31.82 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion: 200 Resp: 119228
Ion Ratio Lower Upper
200 100
173 29.3 7.7 47.7
215 43.3 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

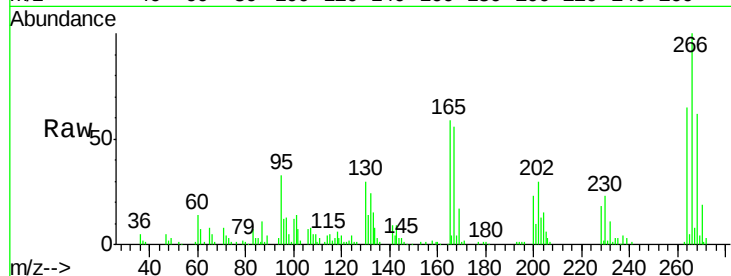




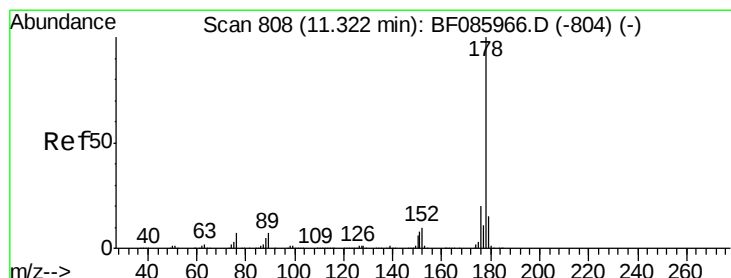
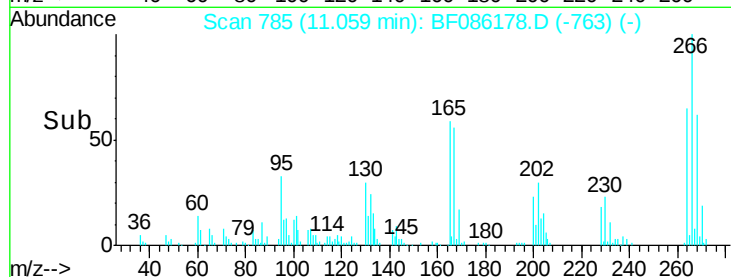
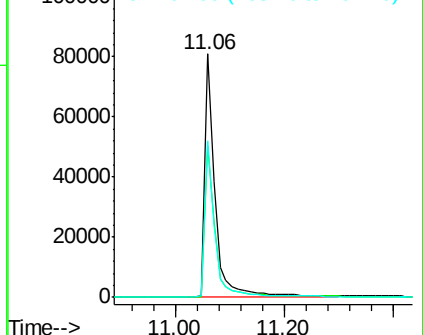
#69
 Pentachlorophenol
 Concen: 58.78 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tgt Ion:266 Resp: 107855
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.5 77.3
 264 64.5 50.6 76.0

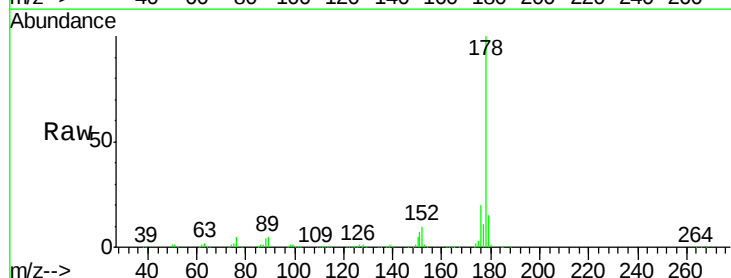


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

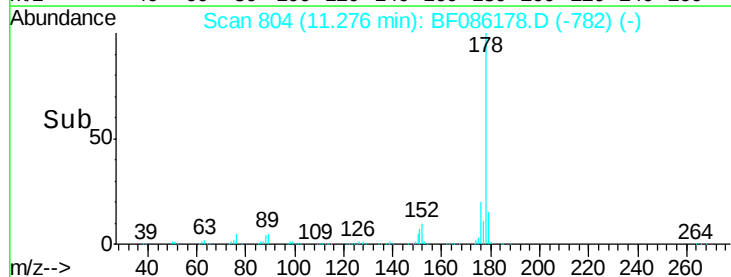
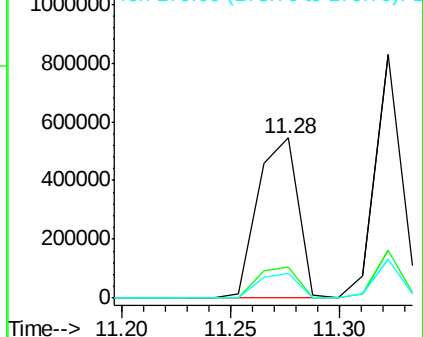


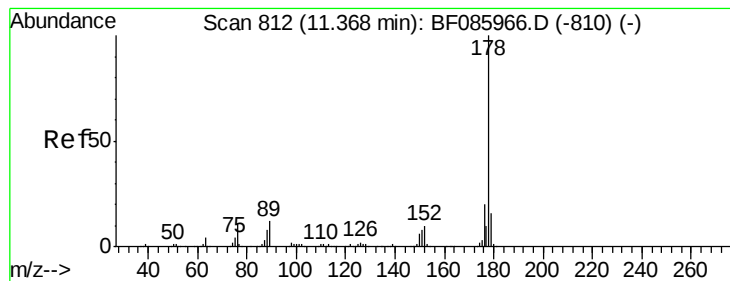
#70
 Phenanthrene
 Concen: 34.90 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion:178 Resp: 706146
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.3 24.5
 179 15.2 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: 33.36 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

ClientSampleId :

PB89612BS

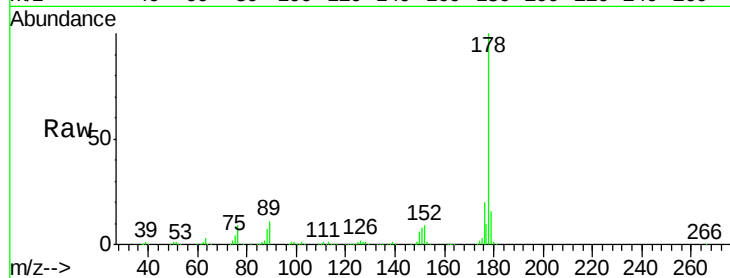
Tgt Ion:178 Resp: 707021

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

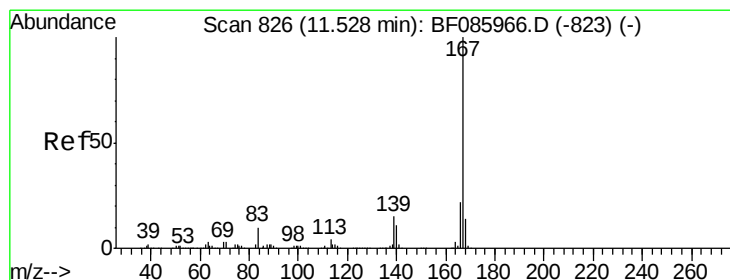
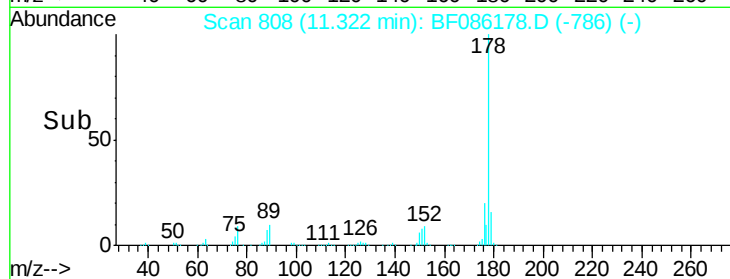
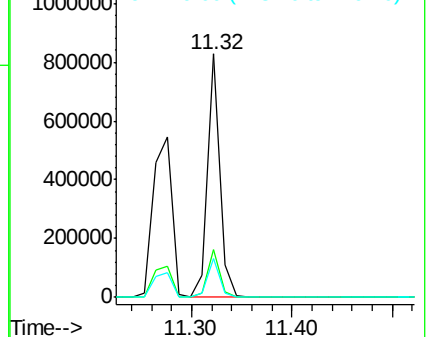
179 15.7 13.0 19.4



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: 34.22 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

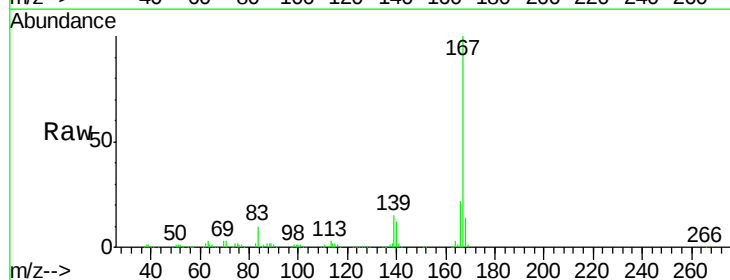
Tgt Ion:167 Resp: 623376

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.8

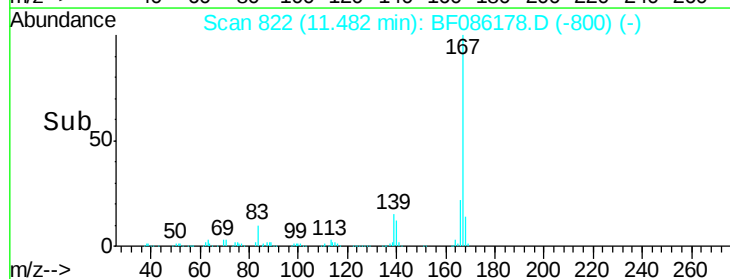
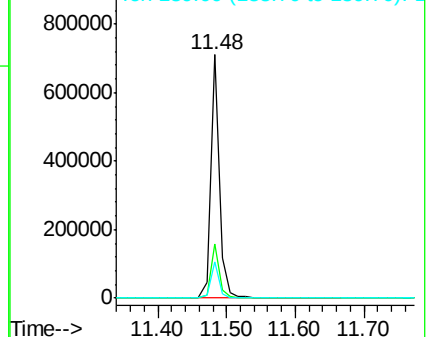
139 14.9 11.6 17.4

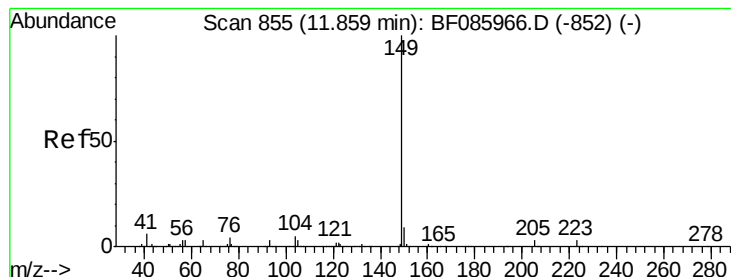


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.49 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

ClientSampleId :

PB89612BS

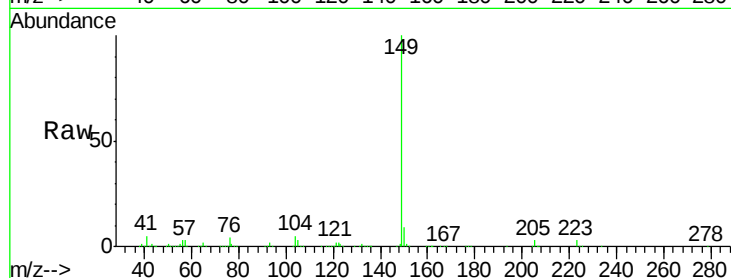
Tgt Ion:149 Resp: 846261

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

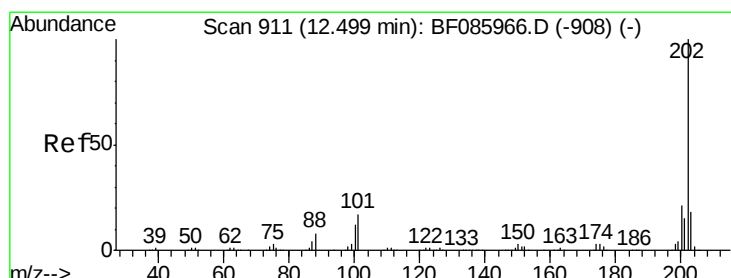
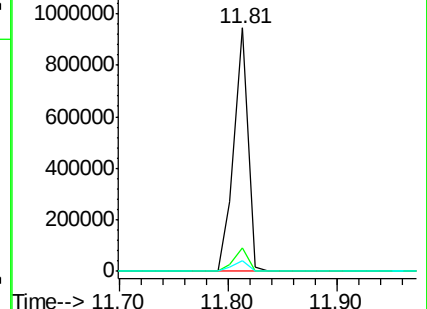
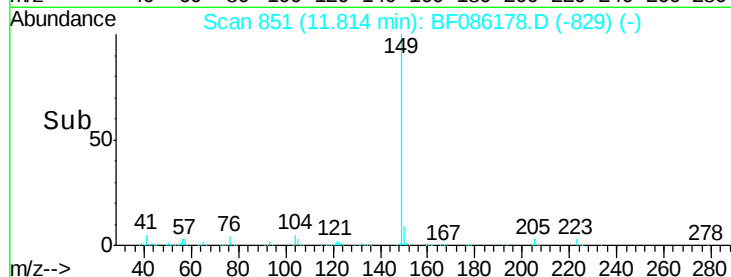
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.89 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

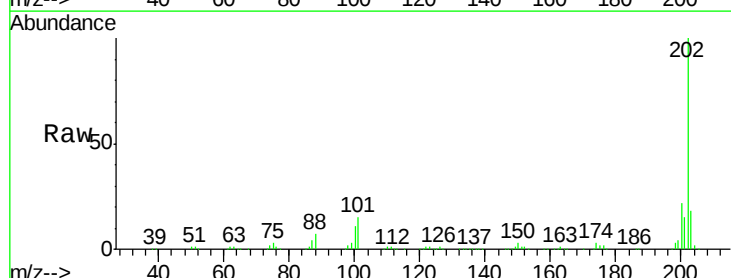
Tgt Ion:202 Resp: 671003

Ion Ratio Lower Upper

202 100

101 15.0 0.0 36.6

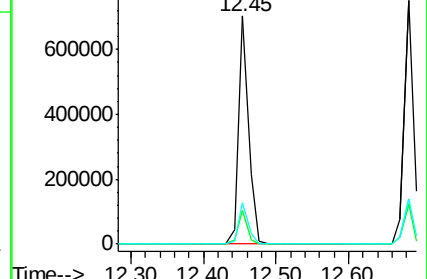
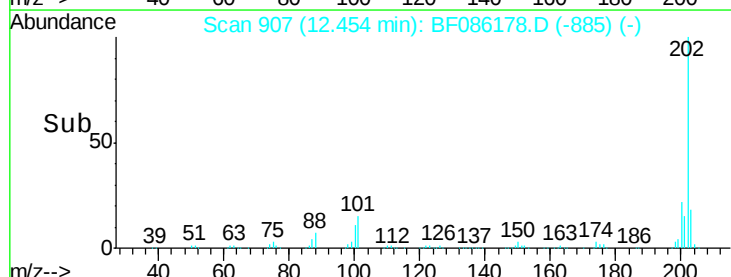
203 18.0 0.0 38.1

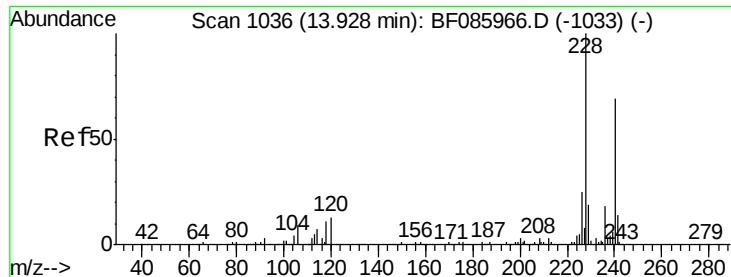


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

ClientSampleId :

PB89612BS

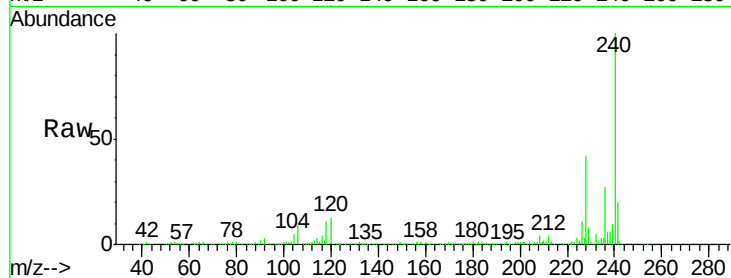
Tgt Ion:240 Resp: 307417

Ion Ratio Lower Upper

240 100

120 13.2 13.8 20.8#

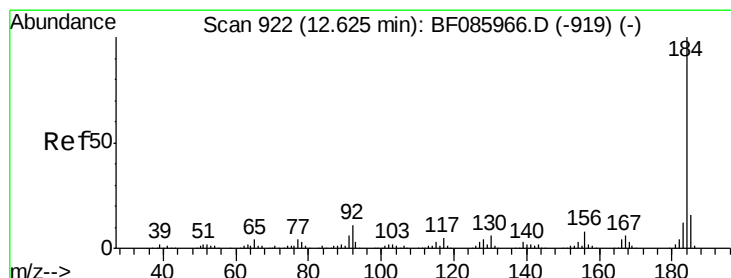
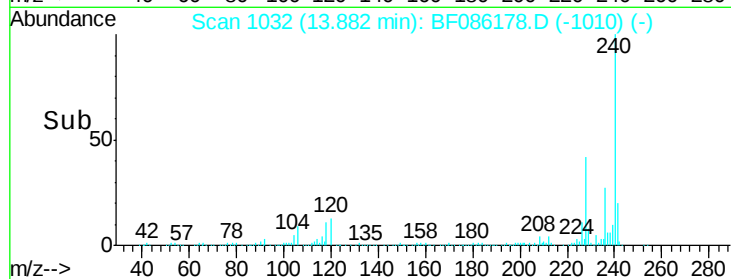
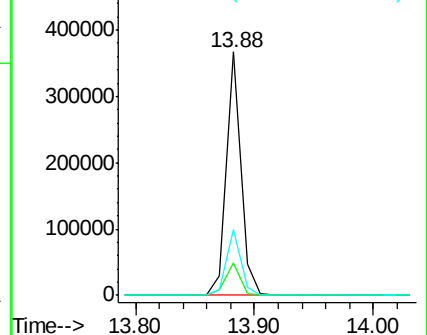
236 27.1 20.6 30.8



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: 14.73 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

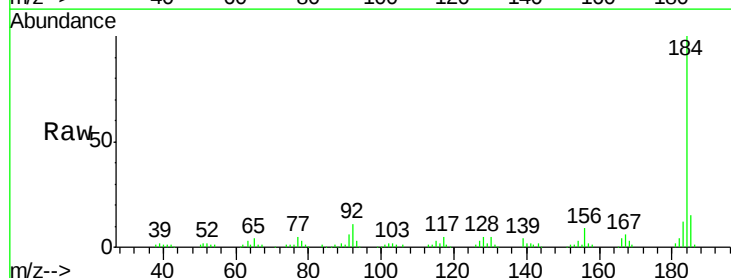
Tgt Ion:184 Resp: 159773

Ion Ratio Lower Upper

184 100

185 15.0 12.4 18.6

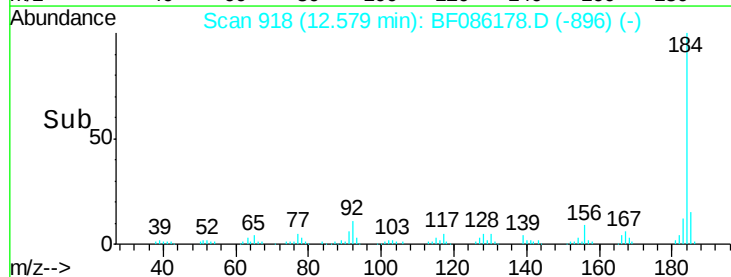
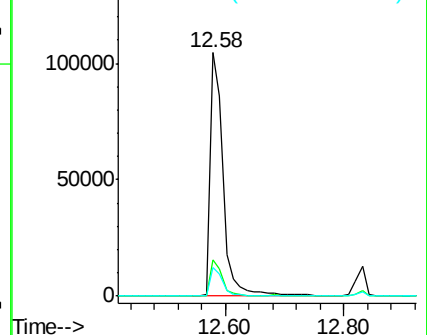
183 11.6 9.4 14.2

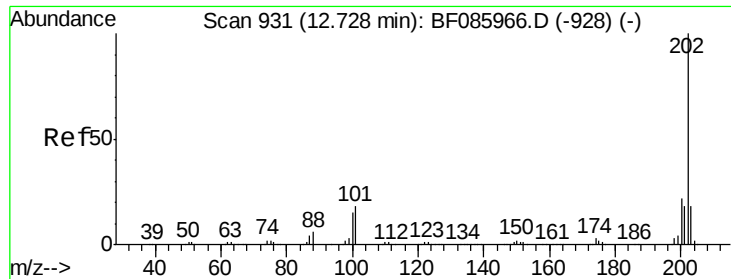


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

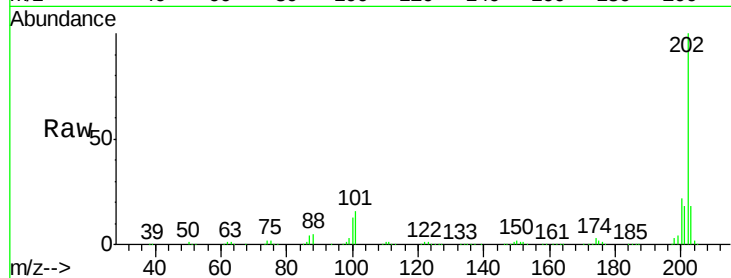




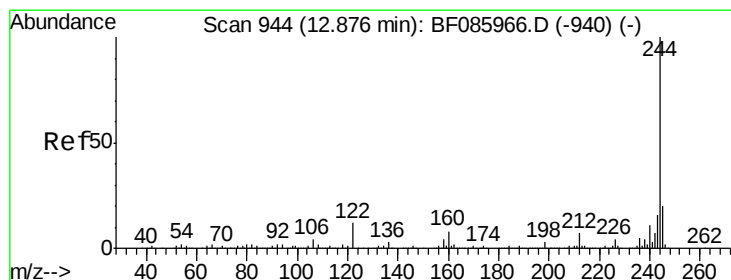
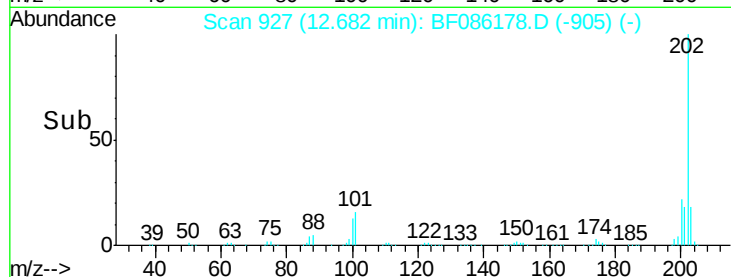
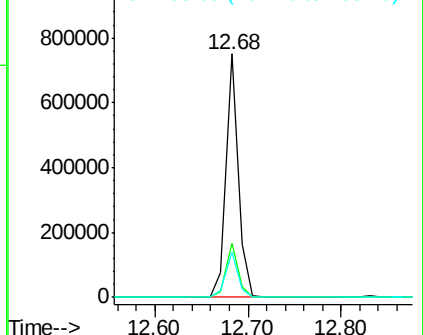
#77
 Pyrene
 Concen: 31.73 ng
 RT: 12.68 min Scan# 927
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.4	14.0	21.0

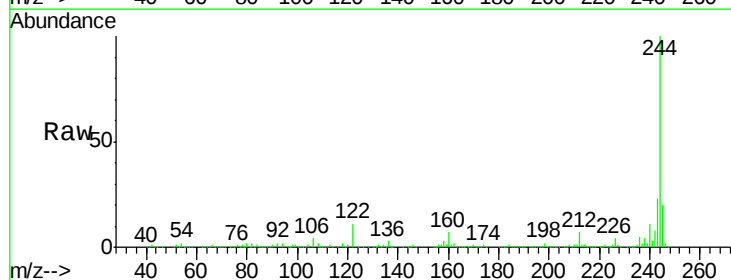


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

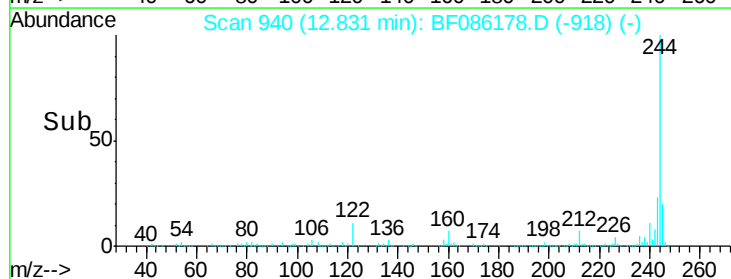
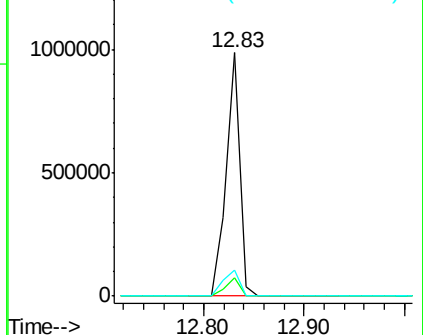


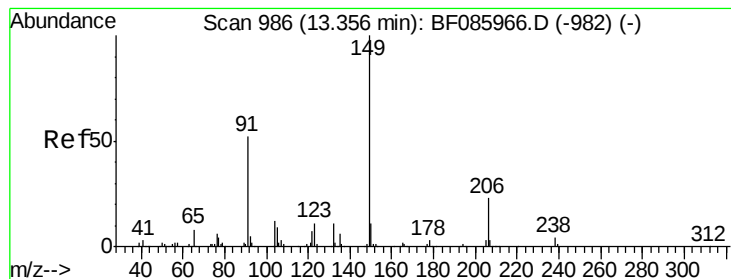
#78
 Terphenyl-d14
 Concen: 71.12 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	10.8	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: 32.98 ng

RT: 13.30 min Scan# 981

Delta R.T. -0.06 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

ClientSampleId :

PB89612BS

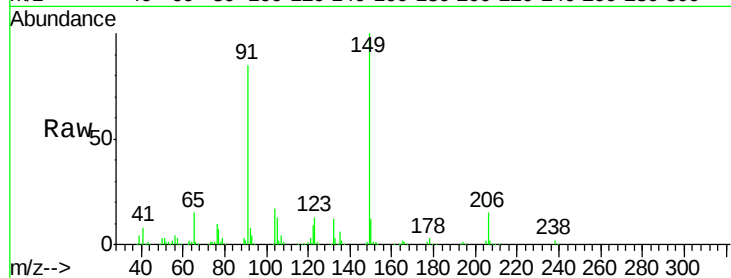
Tgt Ion:149 Resp: 321703

Ion Ratio Lower Upper

149 100

91 84.8 45.8 68.8#

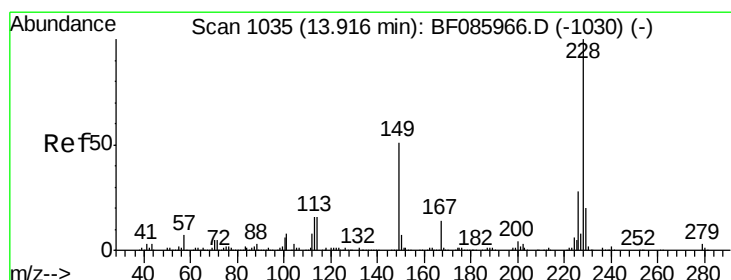
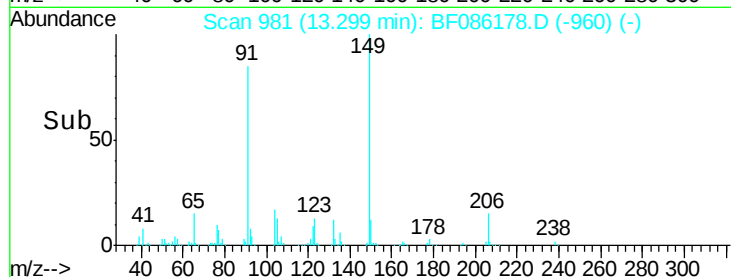
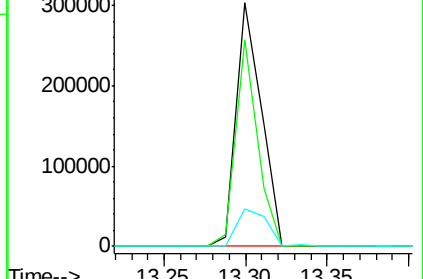
206 15.3 17.8 26.8#



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: 31.58 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

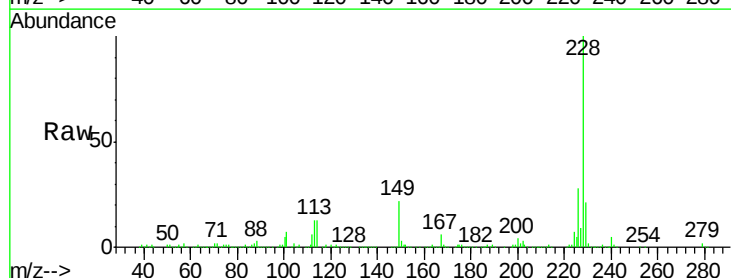
Tgt Ion:228 Resp: 572226

Ion Ratio Lower Upper

228 100

226 28.5 22.1 33.1

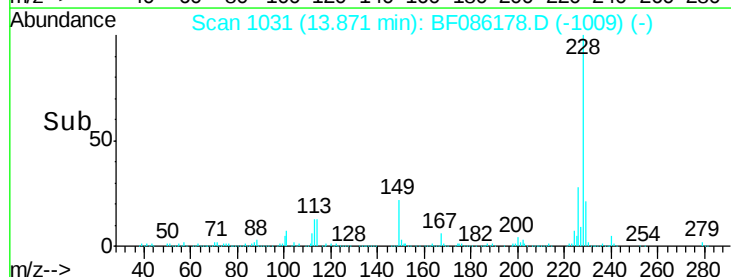
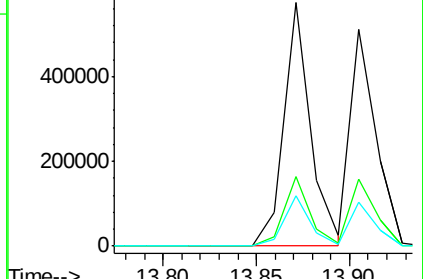
229 20.5 16.2 24.4

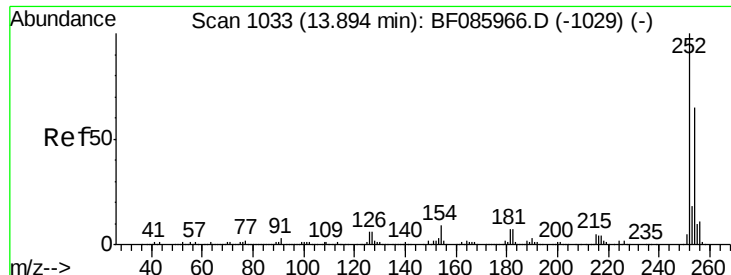


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

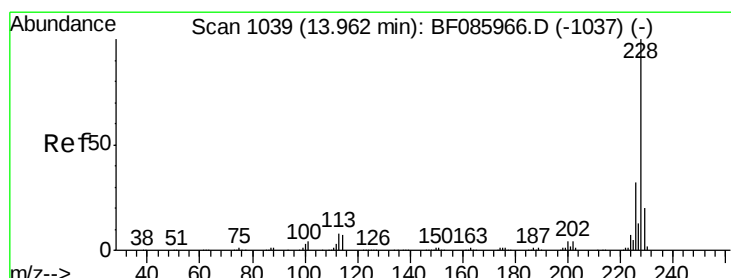
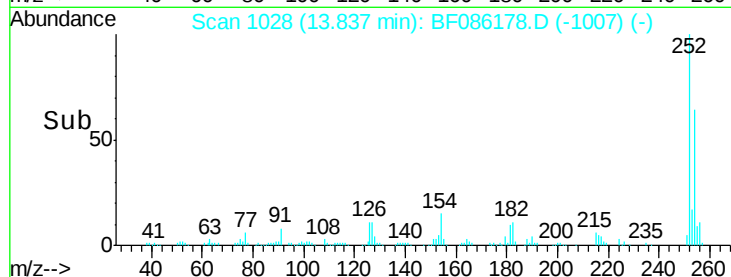
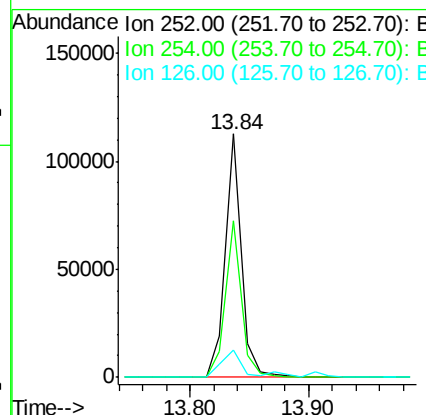
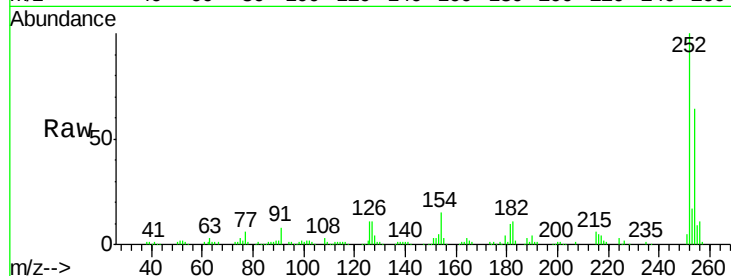




#81
 3,3'-Dichlorobenzidine
 Concen: 7.90 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.06 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

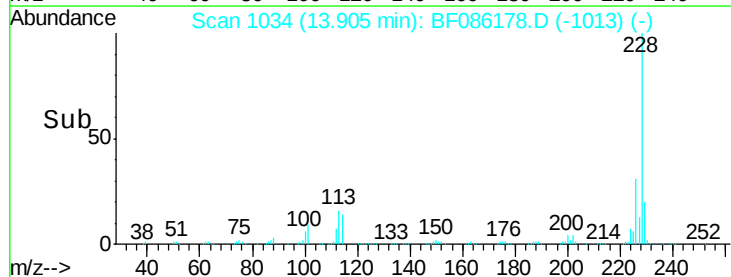
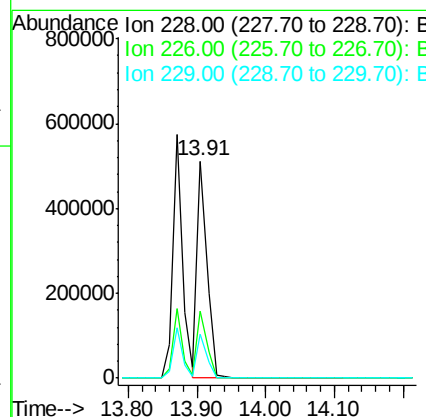
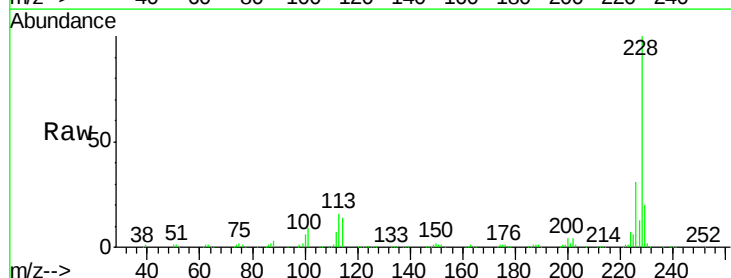
Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

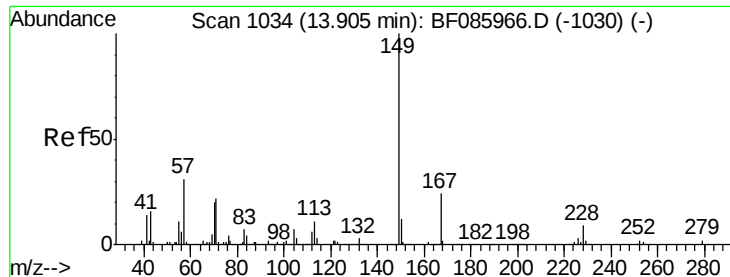
Tgt Ion: 252 Resp: 104624
 Ion Ratio Lower Upper
 252 100
 254 64.2 50.7 76.1
 126 11.0 11.8 17.6#



#82
 Chrysene
 Concen: 28.86 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.06 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion: 228 Resp: 503689
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 20.1 15.7 23.5

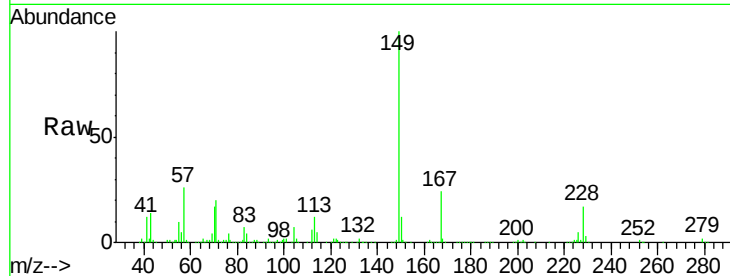




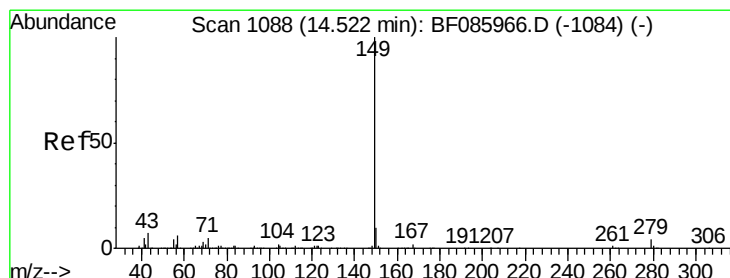
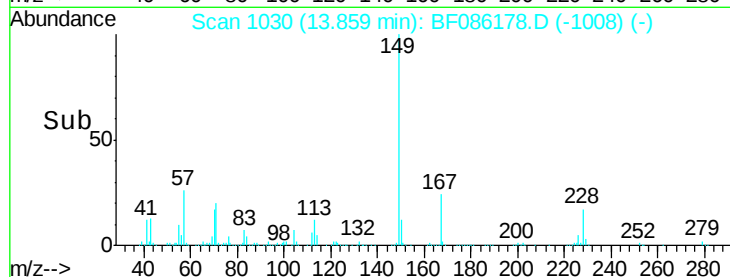
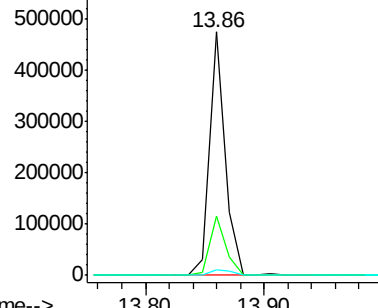
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.73 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tgt Ion:149 Resp: 436715
 Ion Ratio Lower Upper
 149 100
 167 24.4 19.4 29.2
 279 2.2 1.5 2.3

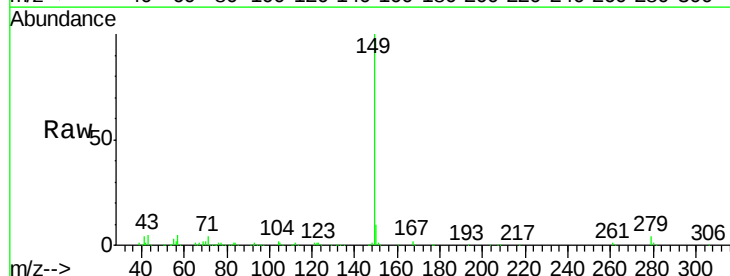


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

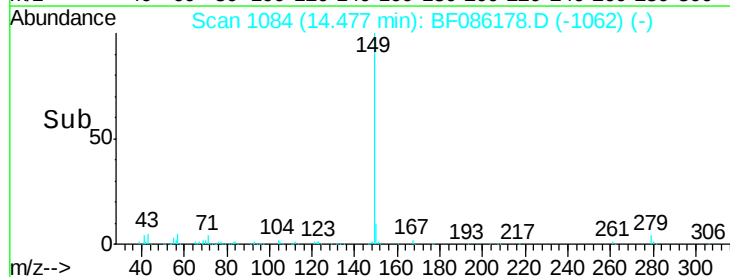
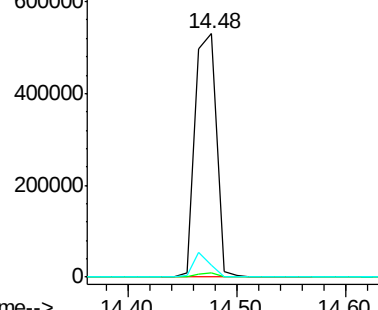


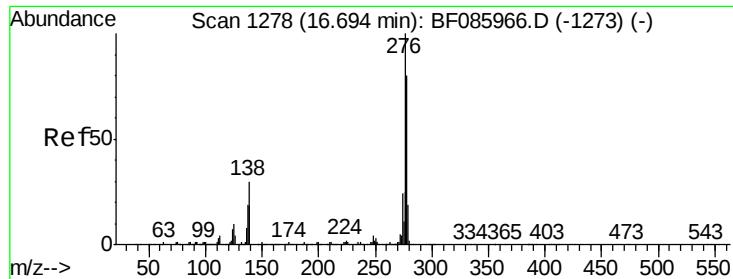
#84
 Di-n-octyl phthalate
 Concen: 35.00 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion:149 Resp: 723519
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.2 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

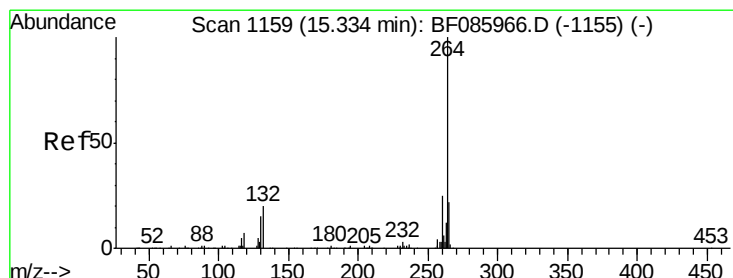
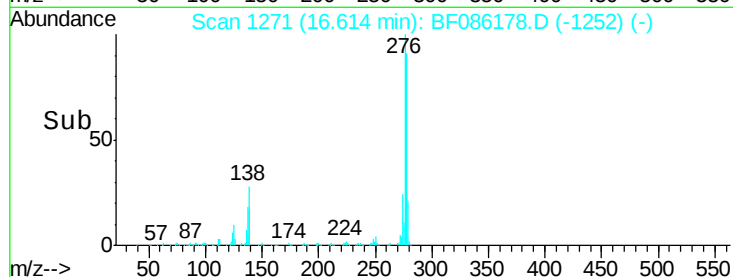
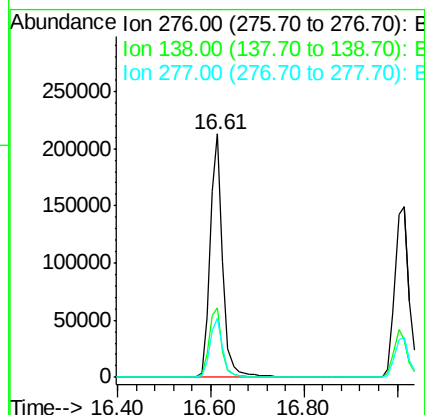
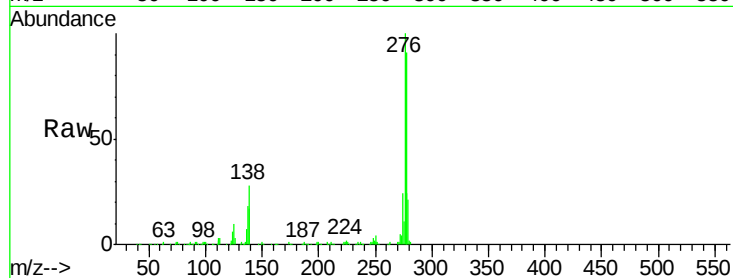




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.66 ng
 RT: 16.61 min Scan# 1271
 Delta R.T. -0.08 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

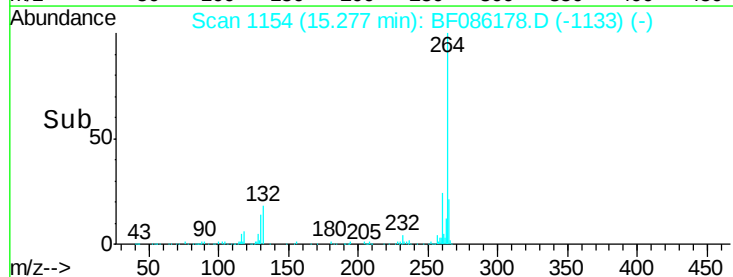
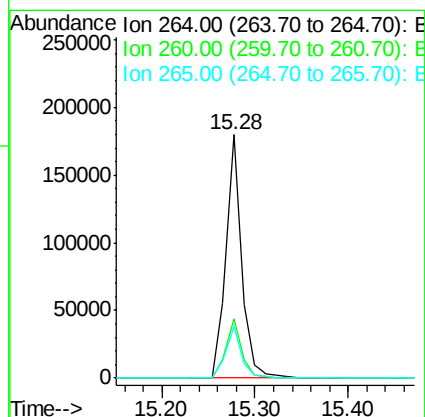
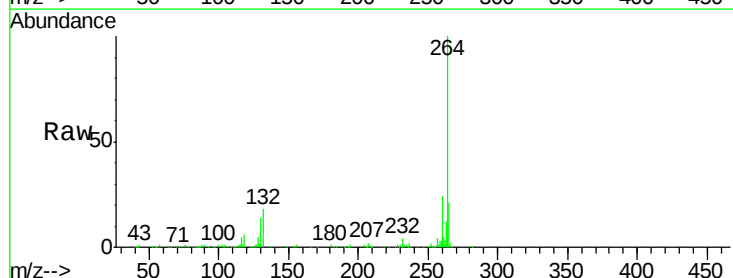
Instrument :
 BNA_F
 ClientSampled :
 PB89612BS

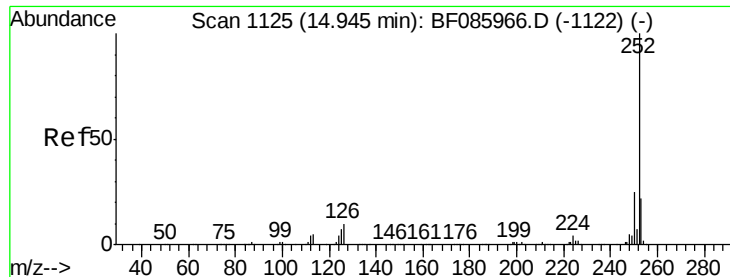
Tgt Ion: 276 Resp: 405892
 Ion Ratio Lower Upper
 276 100
 138 29.4 24.2 36.4
 277 24.7 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. -0.06 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion: 264 Resp: 211617
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.3 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 68.33 ng

RT: 14.89 min Scan# 1120

Delta R.T. -0.06 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

ClientSampleId :

PB89612BS

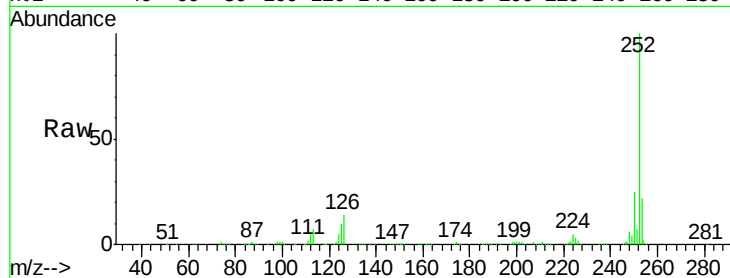
Tgt Ion:252 Resp: 909559

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

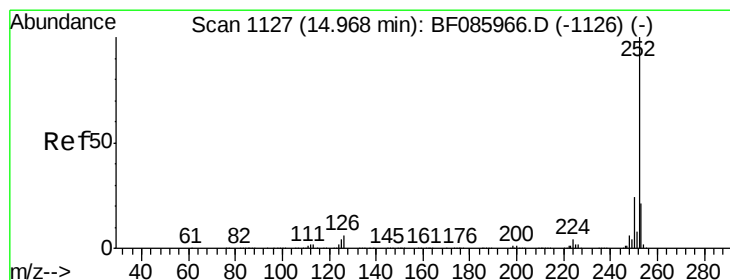
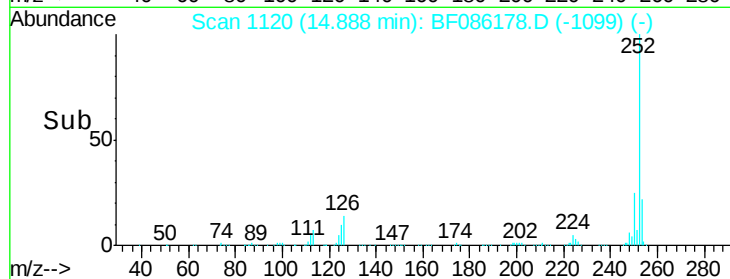
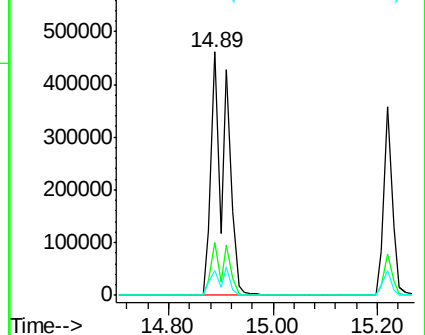
125 10.4 10.3 15.5



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



#88

Benzo(k)fluoranthene

Concen: 77.18 ng

RT: 14.89 min Scan# 1120

Delta R.T. -0.08 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

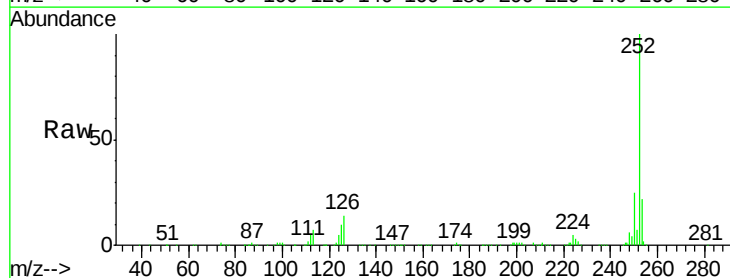
Tgt Ion:252 Resp: 909802

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

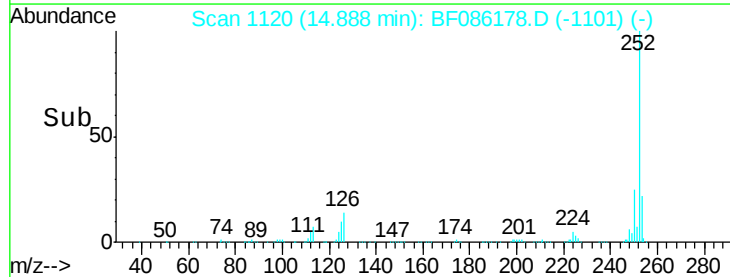
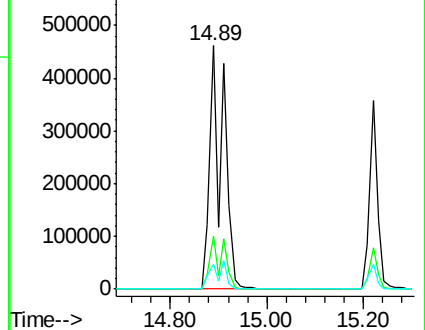
125 10.4 7.7 11.5

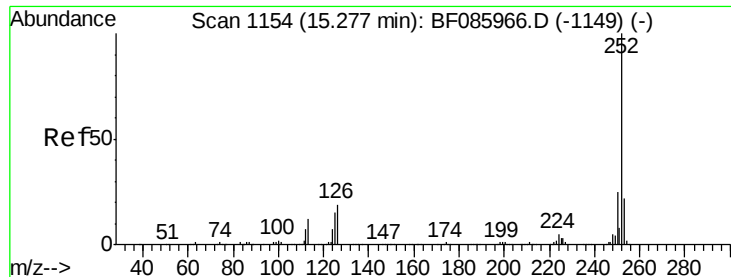


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 35.32 ng

RT: 15.22 min Scan# 1149

Delta R.T. -0.06 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

ClientSampleId :

PB89612BS

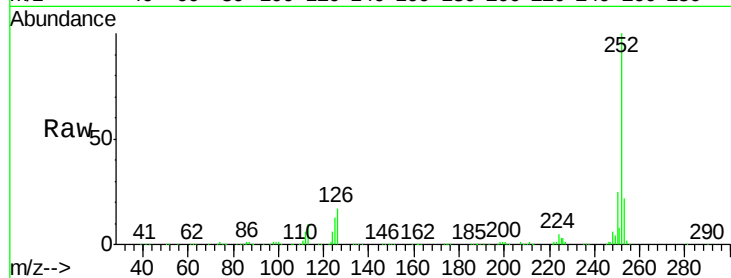
Tgt Ion:252 Resp: 416632

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

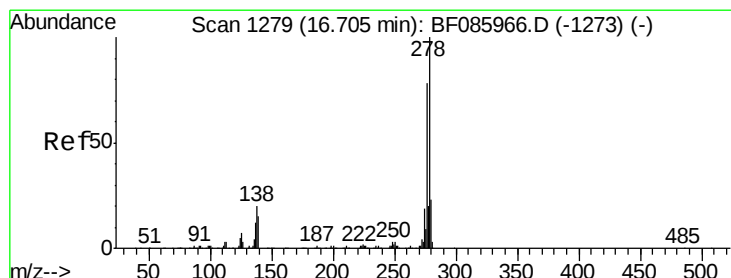
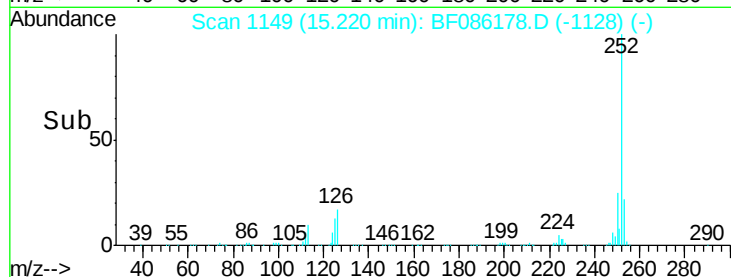
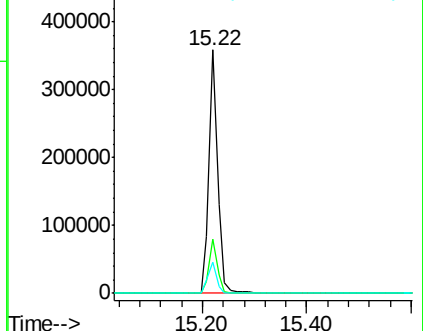
125 12.8 10.3 15.5



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: 35.86 ng

RT: 16.61 min Scan# 1271

Delta R.T. -0.09 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

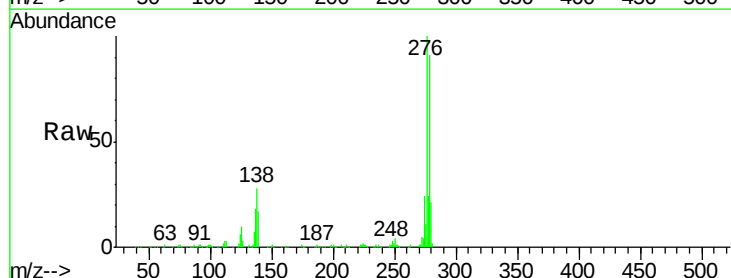
Tgt Ion:278 Resp: 340286

Ion Ratio Lower Upper

278 100

139 19.0 14.4 21.6

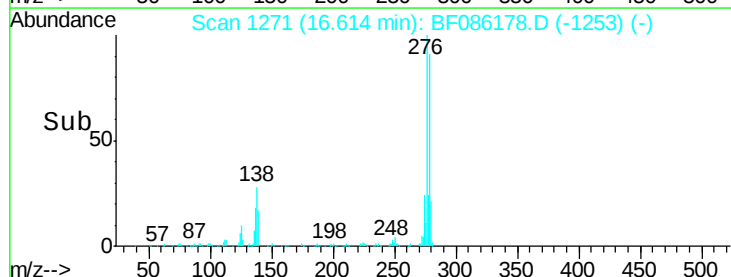
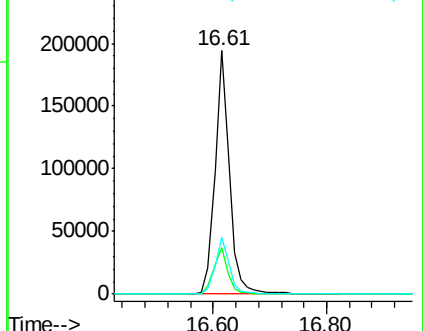
279 23.3 19.1 28.7

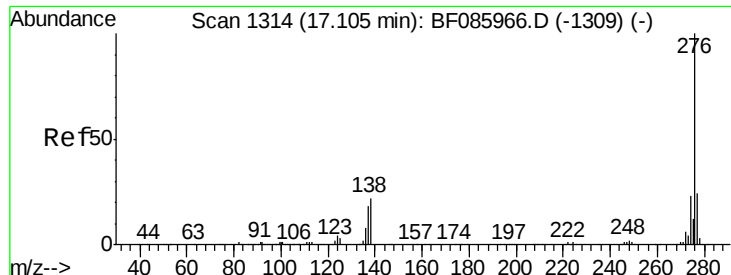


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.20 ng

RT: 17.01 min Scan# 1306

Delta R.T. -0.09 min

Lab File: BF086178.D

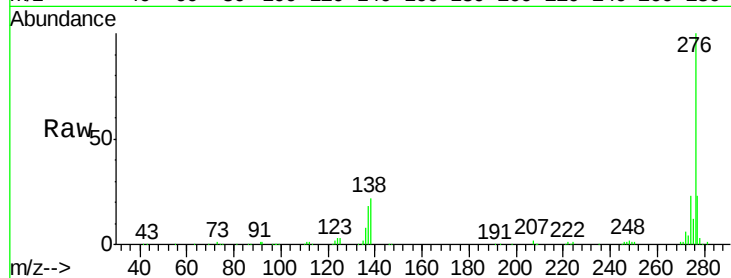
Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

ClientSampleId :

PB89612BS



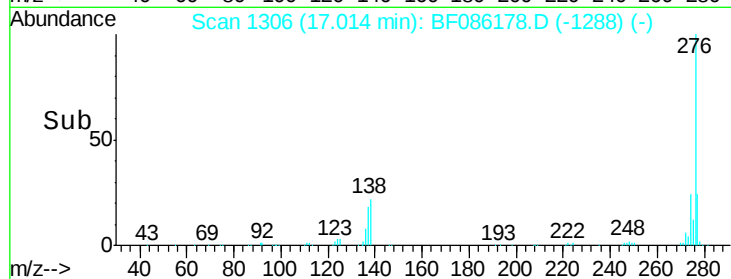
Tgt Ion: 276 Resp: 332404

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 22.0 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

17.01

