

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086780.D
 Acq On : 7 May 2016 18:08
 Operator : UM/SJ
 Sample : PB90336BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

Quant Time: May 08 00:17:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 23:59:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	168373	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	698743	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	334899	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	573785	40.00	ng	0.00
75) Chrysene-d12	13.85	240	396445	40.00	ng	0.00
86) Perylene-d12	15.23	264	327109	40.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1289158	126.75	ng	0.02
7) Phenol-d6	6.37	99	1671693	122.02	ng	0.00
23) Nitrobenzene-d5	7.28	82	1044699	76.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	389776	118.98	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1663316	81.41	ng	0.00
78) Terphenyl-d14	12.81	244	1587071	80.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	163457	31.09	ng	# 74
3) Pyridine	3.02	79	358185	27.79	ng	# 71
4) n-Nitrosodimethylamine	2.96	42	308739	39.49	ng	# 56
6) Aniline	6.37	93	309916	18.33	ng	# 1
8) 2-Chlorophenol	6.50	128	472908	38.75	ng	98
9) Benzaldehyde	6.26	77	45203	6.61	ng	99
10) Phenol	6.38	94	582800	38.88	ng	83
11) bis(2-Chloroethyl)ether	6.45	93	509182	39.47	ng	93
12) 1,3-Dichlorobenzene	6.88	146	449157	34.66	ng	96
13) 1,4-Dichlorobenzene	6.88	146	454249	33.90	ng	95
14) 1,2-Dichlorobenzene	6.88	146	458159	39.27	ng	99
15) Benzyl Alcohol	6.86	79	390070	44.01	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.99	45	951134	36.06	ng	66
17) 2-Methylphenol	6.99	107	383229	39.00	ng	# 82
18) Hexachloroethane	7.21	117	190489	37.65	ng	96
19) n-Nitroso-di-n-propylamine	7.14	70	372541	39.80	ng	# 81
20) 3+4-Methylphenols	7.14	107	498771	43.35	ng	# 69
22) Acetophenone	7.13	105	670087	41.16	ng	98
24) Nitrobenzene	7.30	77	573214	40.78	ng	94
25) Isophorone	7.54	82	984285	38.87	ng	99
26) 2-Nitrophenol	7.62	139	248452	39.61	ng	96
27) 2,4-Dimethylphenol	7.66	122	412135	37.42	ng	89
28) bis(2-Chloroethoxy)methane	7.76	93	616153	44.21	ng	99
29) 2,4-Dichlorophenol	7.86	162	383684	40.52	ng	95
30) 1,2,4-Trichlorobenzene	7.94	180	424517	40.18	ng	98
31) Naphthalene	8.01	128	1344888	37.67	ng	99
32) Benzoic acid	7.82	122	277634	61.70	ng	# 84
33) 4-Chloroaniline	8.08	127	124174	8.98	ng	# 95
34) Hexachlorobutadiene	8.13	225	242438	40.42	ng	98
35) Caprolactam	8.46	113	84918	28.97	ng	# 69
36) 4-Chloro-3-methylphenol	8.58	107	456415	42.25	ng	99
37) 2-Methylnaphthalene	8.70	142	904730	42.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	362107	37.35	ng	98
40) Hexachlorocyclopentadiene	8.85	237	405831	90.00	ng	96

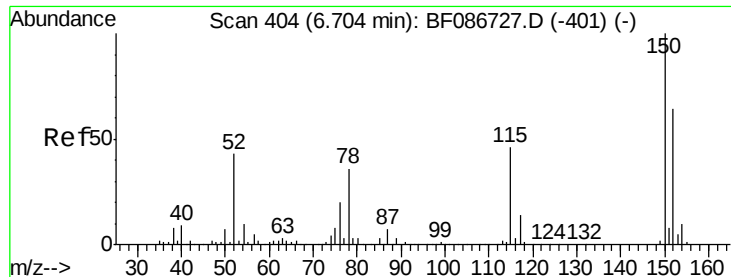
Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	254862	41.35	ng	94
43) 2,4,5-Trichlorophenol	9.04	196	254709	39.55	ng #	78
45) 1,1'-Biphenyl	9.17	154	1142272	41.72	ng	99
46) 2-Chloronaphthalene	9.20	162	830395	39.30	ng	99
47) 2-Nitroaniline	9.30	65	295088	39.28	ng #	77
48) Acenaphthylene	9.61	152	1293537	41.24	ng	99
49) Dimethylphthalate	9.48	163	980980	39.29	ng	100
50) 2,6-Dinitrotoluene	9.54	165	197652	36.89	ng #	77
51) Acenaphthene	9.78	154	815987	39.44	ng	99
52) 3-Nitroaniline	9.71	138	110528	18.15	ng	81
53) 2,4-Dinitrophenol	9.82	184	217940	90.94	ng #	79
54) Dibenzofuran	9.95	168	1132136	44.15	ng	97
55) 4-Nitrophenol	9.89	139	224752	63.29	ng #	38
56) 2,4-Dinitrotoluene	9.95	165	256041	38.56	ng #	83
57) Fluorene	10.29	166	893192	42.97	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	230738	48.78	ng	99
59) Diethylphthalate	10.18	149	991729	41.97	ng	98
60) 4-Chlorophenyl-phenylether	10.28	204	373784	37.83	ng	98
61) 4-Nitroaniline	10.33	138	197081	33.67	ng #	69
62) Azobenzene	10.44	77	1144184	43.70	ng	87
64) 4,6-Dinitro-2-methylphenol	10.35	198	147161	49.99	ng #	59
65) n-Nitrosodiphenylamine	10.41	169	764004	41.93	ng	100
66) 4-Bromophenyl-phenylether	10.77	248	254949	44.71	ng #	87
67) Hexachlorobenzene	10.83	284	270407	38.89	ng #	74
68) Atrazine	10.94	200	276890	49.59	ng	95
69) Pentachlorophenol	11.04	266	301242	88.60	ng	99
70) Phenanthrene	11.24	178	1156227	37.52	ng	99
71) Anthracene	11.30	178	1344329	41.65	ng	100
72) Carbazole	11.46	167	1109064	39.57	ng	99
73) Di-n-butylphthalate	11.79	149	1356576	40.77	ng #	99
74) Fluoranthene	12.43	202	1314588	42.56	ng	92
76) Benzidine	12.56	184	320121	32.21	ng	96
77) Pyrene	12.65	202	1215110	38.45	ng	99
79) Butylbenzylphthalate	13.28	149	543426	41.05	ng #	65
80) Benzo(a)anthracene	13.84	228	871308	38.86	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	162696	11.55	ng #	95
82) Chrysene	13.87	228	856398	35.80	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	680673	44.43	ng #	95
84) Di-n-octyl phthalate	14.45	149	1295645	57.48	ng #	86
85) Indeno(1,2,3-cd)pyrene	16.52	276	750940	36.59	ng	96
87) Benzo(b)fluoranthene	14.84	252	1632246	83.04	ng	98
88) Benzo(k)fluoranthene	14.84	252	1634480	88.26	ng	99
89) Benzo(a)pyrene	15.17	252	763764	42.19	ng	98
90) Dibenzo(a,h)anthracene	16.53	278	631869	36.33	ng	98
91) Benzo(g,h,i)perylene	16.91	276	611954	33.51	ng #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

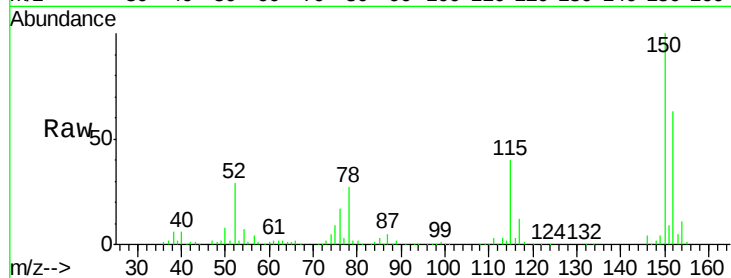
Tgt Ion:152 Resp: 168373

Ion Ratio Lower Upper

152 100

150 158.2 125.8 188.6

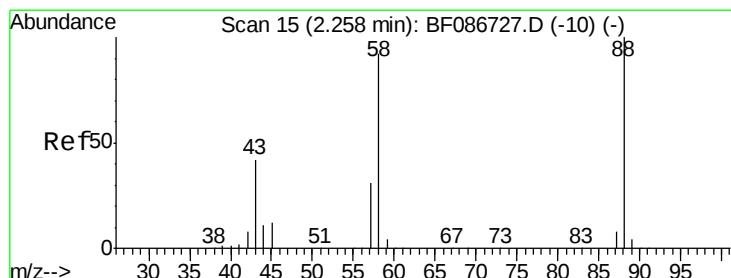
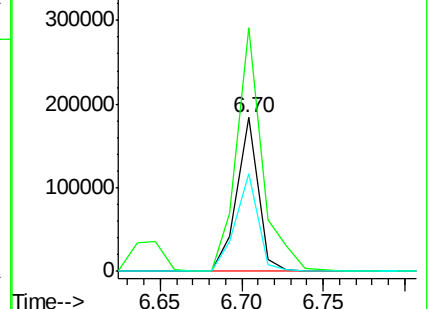
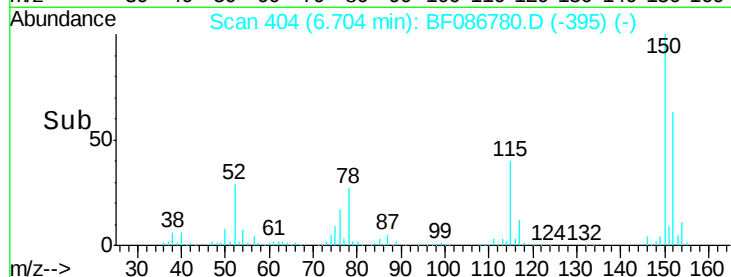
115 63.3 51.5 77.3



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: 31.09 ng

RT: 2.33 min Scan# 21

Delta R.T. 0.10 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

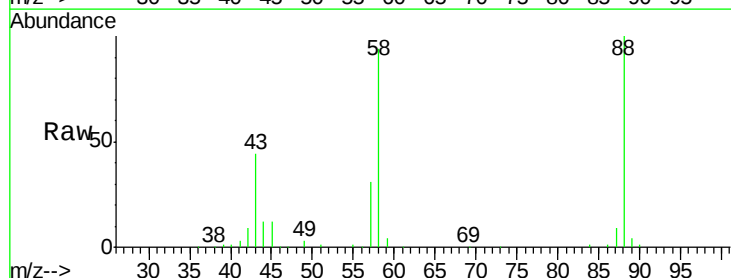
Tgt Ion: 88 Resp: 163457

Ion Ratio Lower Upper

88 100

58 95.5 59.6 89.4#

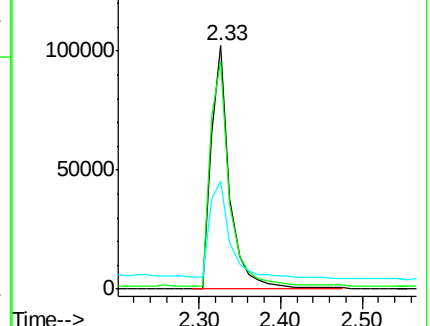
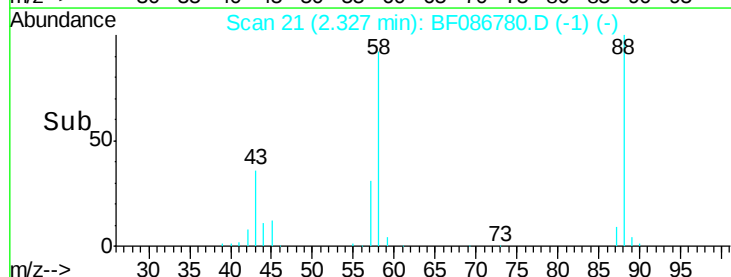
43 41.6 21.8 32.6#

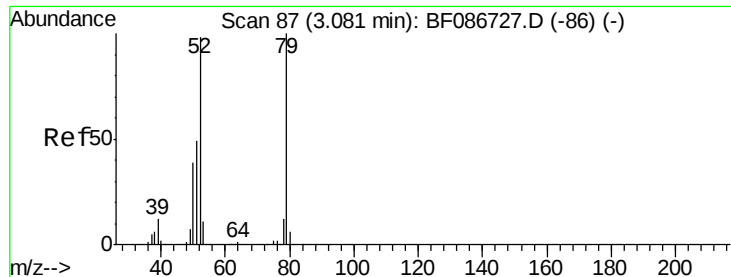


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 27.79 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.10 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

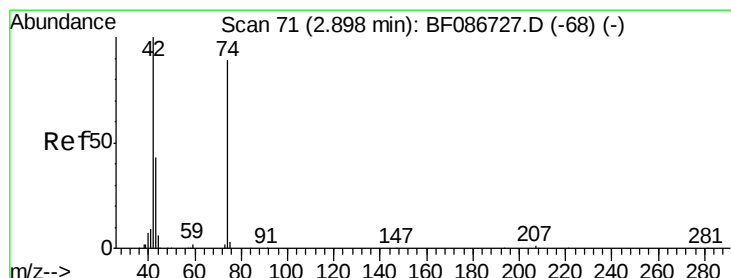
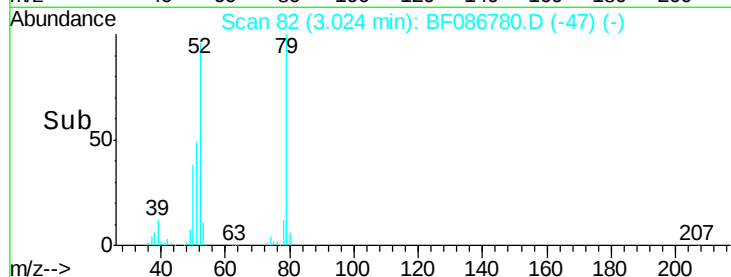
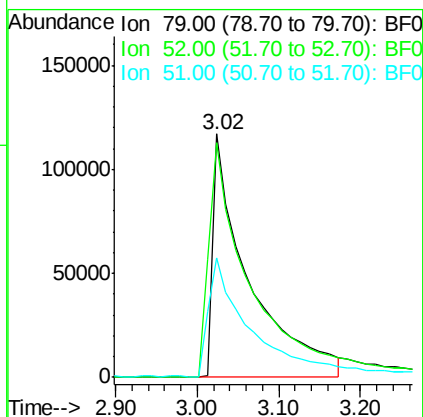
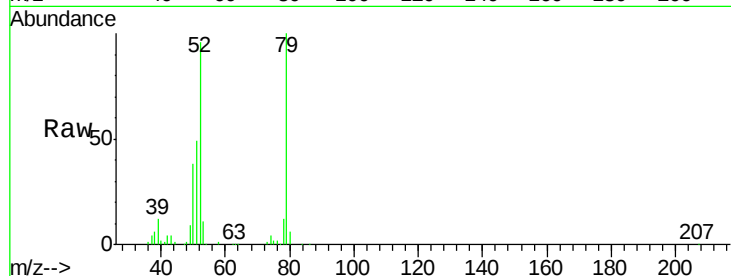
Tgt Ion: 79 Resp: 358185

Ion Ratio Lower Upper

79 100

52 96.2 55.9 83.9#

51 49.1 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 39.49 ng

RT: 2.96 min Scan# 76

Delta R.T. 0.09 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

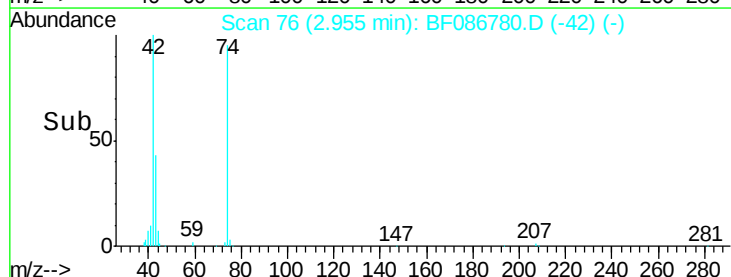
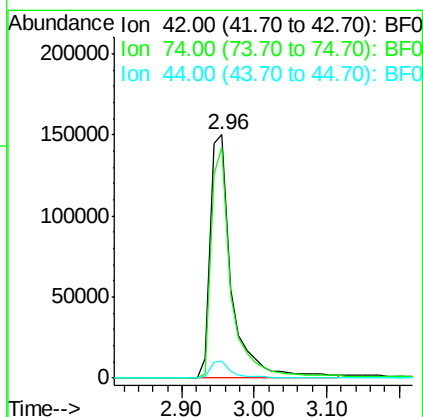
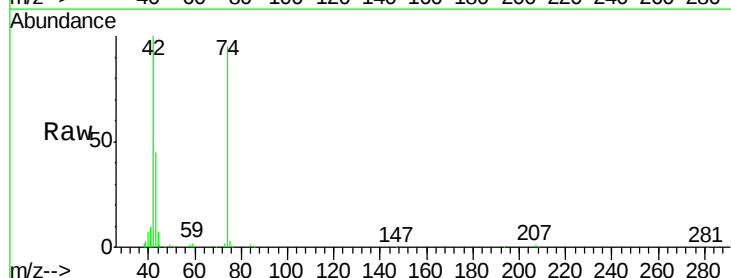
Tgt Ion: 42 Resp: 308739

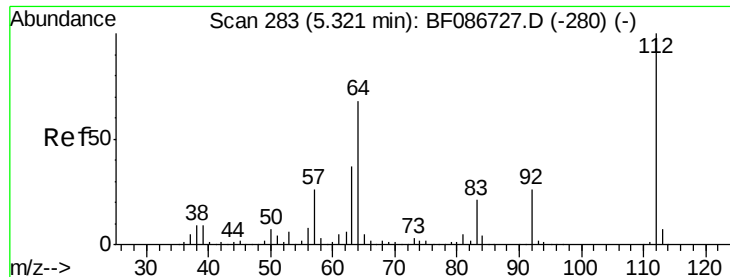
Ion Ratio Lower Upper

42 100

74 94.8 123.4 185.0#

44 6.9 5.8 8.6





#5

2-Fluorophenol

Concen: 126.75 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.02 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

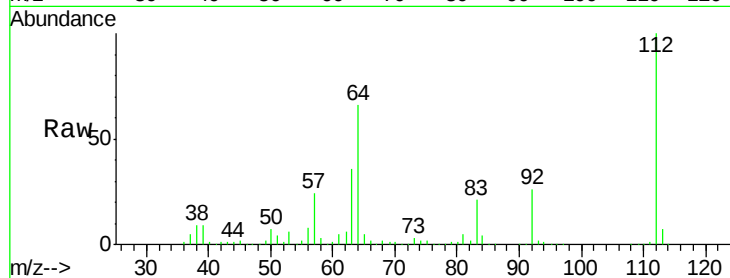
Tgt Ion: 112 Resp: 1289158

Ion Ratio Lower Upper

112 100

64 66.1 52.1 78.1

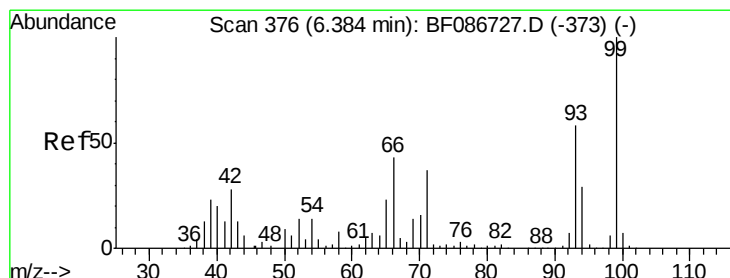
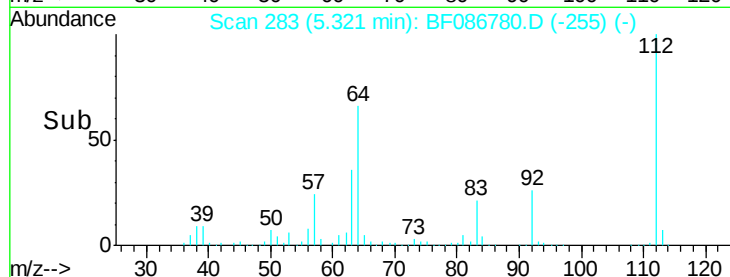
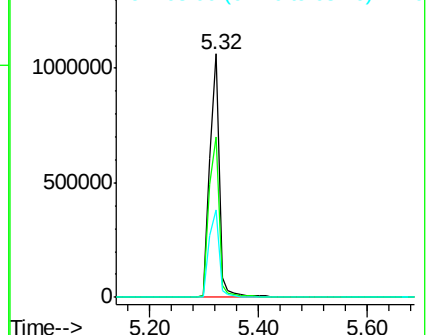
63 35.9 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.33 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

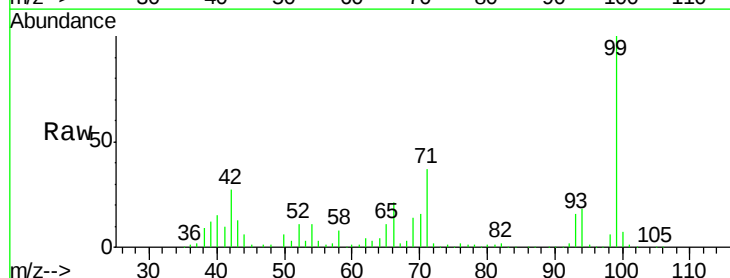
Tgt Ion: 93 Resp: 309916

Ion Ratio Lower Upper

93 100

66 130.8 39.0 58.6#

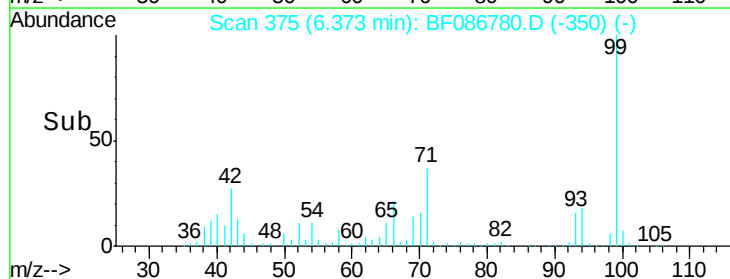
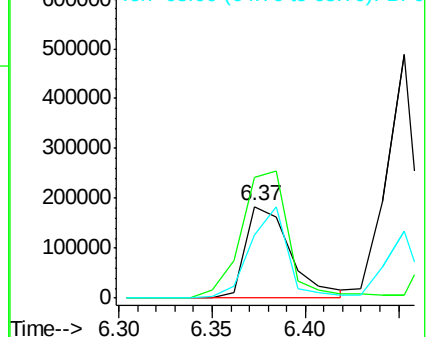
65 68.3 20.6 31.0#

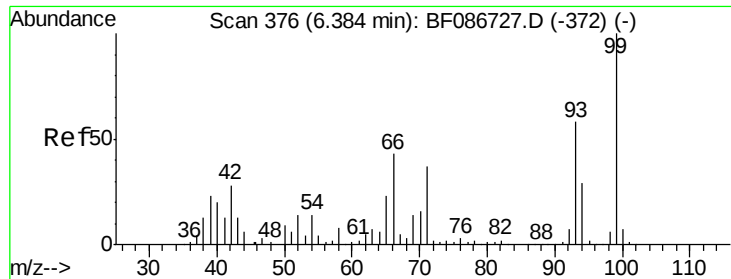


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.02 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

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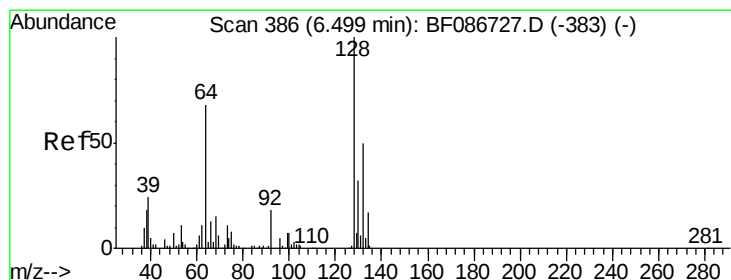
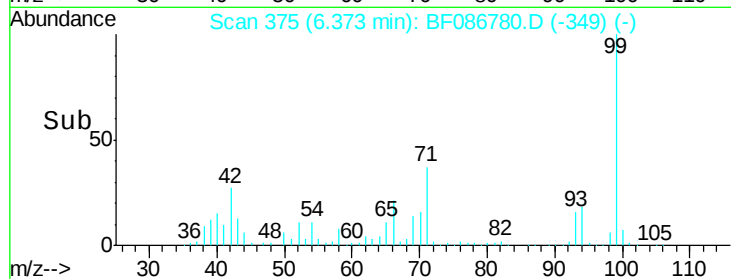
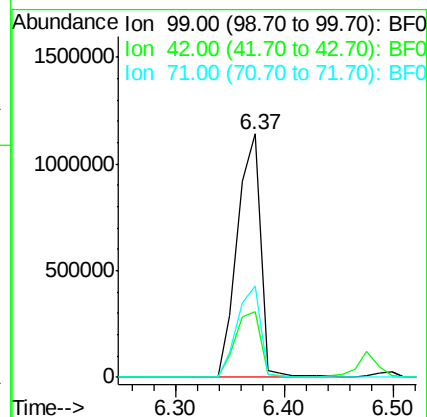
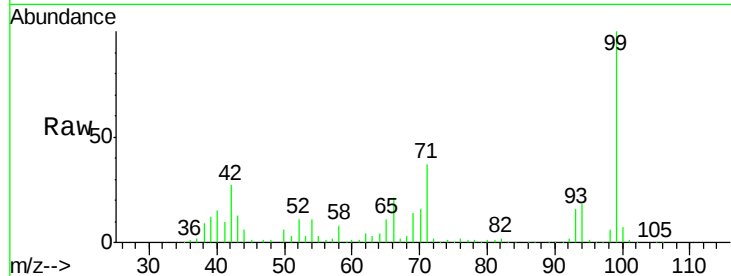
Tgt Ion: 99 Resp: 1671693

Ion Ratio Lower Upper

99 100

42 27.1 13.6 20.4#

71 37.4 24.6 36.8#



#8

2-Chlorophenol

Concen: 38.75 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

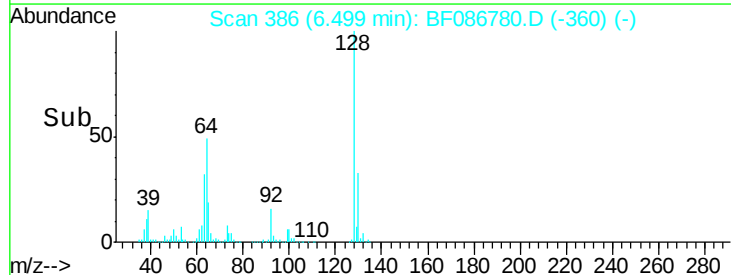
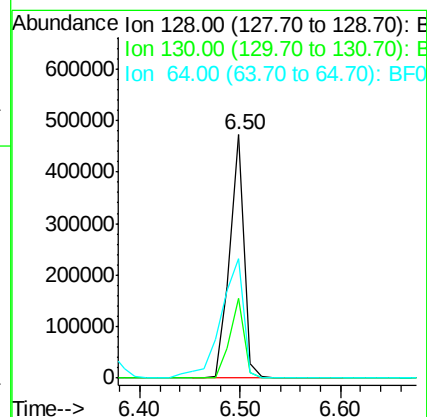
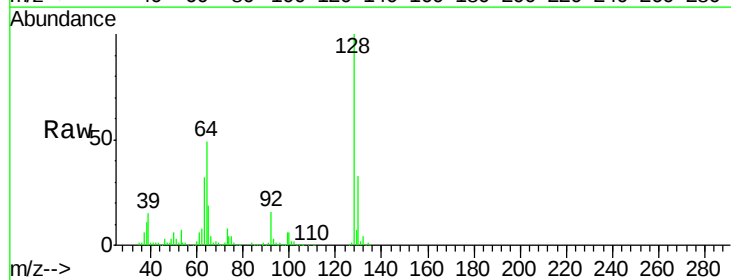
Tgt Ion: 128 Resp: 472908

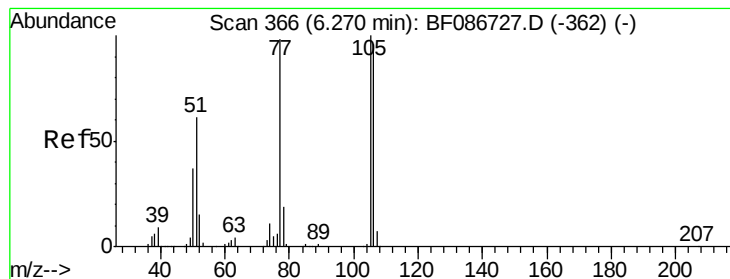
Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

64 48.9 27.3 67.3





#9

Benzaldehyde

Concen: 6.61 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

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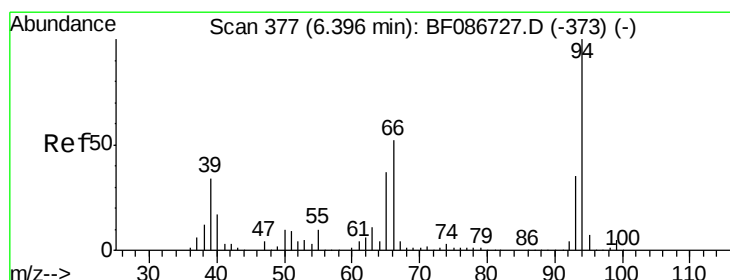
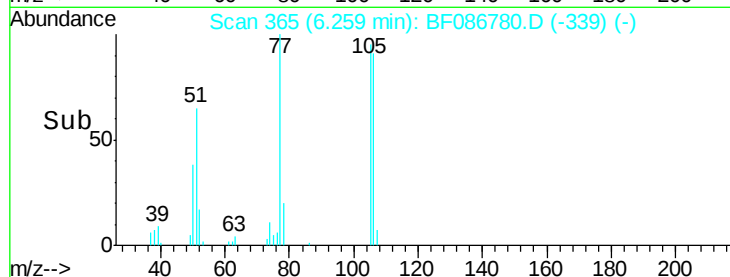
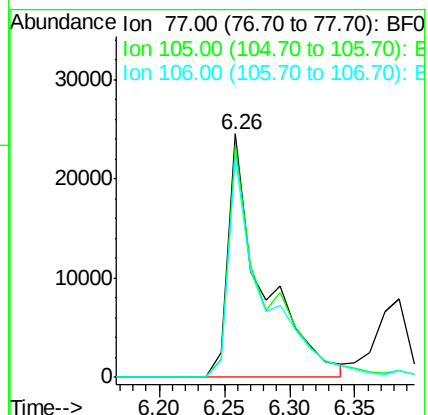
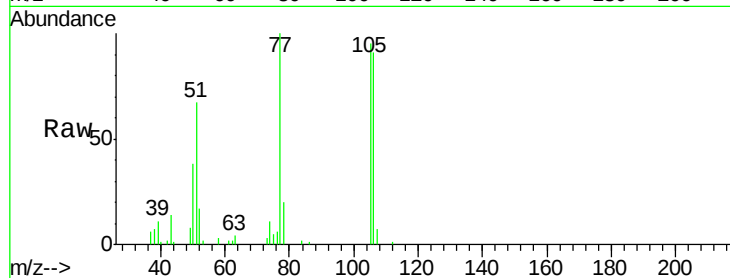
Tgt Ion: 77 Resp: 45203

Ion Ratio Lower Upper

77 100

105 95.1 72.7 112.7

106 90.5 70.8 110.8



#10

Phenol

Concen: 38.88 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

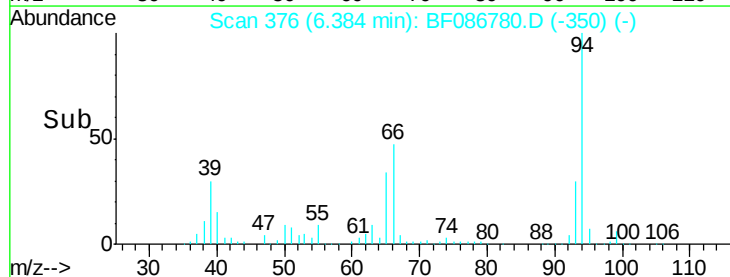
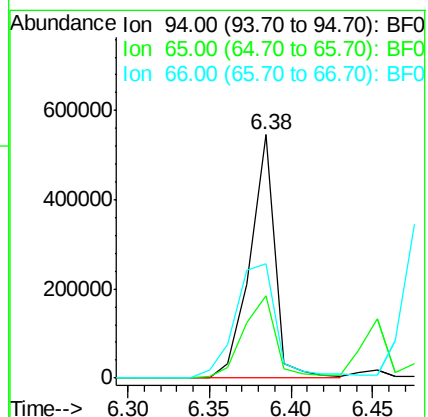
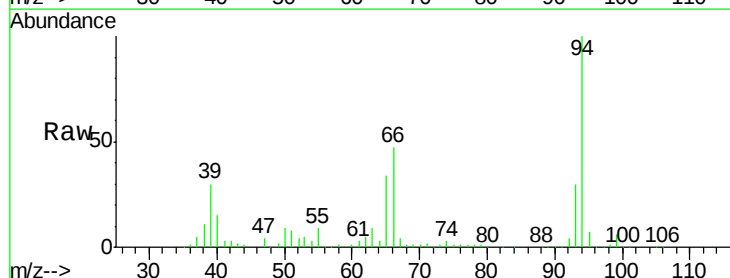
Tgt Ion: 94 Resp: 582800

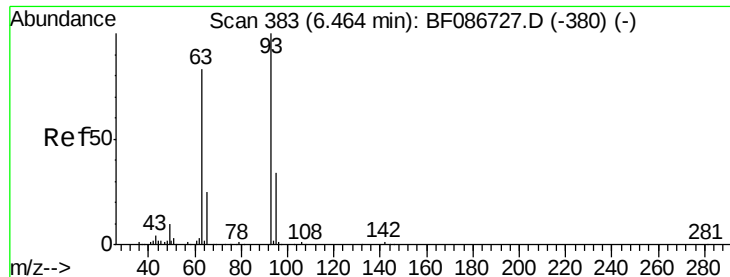
Ion Ratio Lower Upper

94 100

65 33.7 7.2 47.2

66 46.9 14.9 54.9

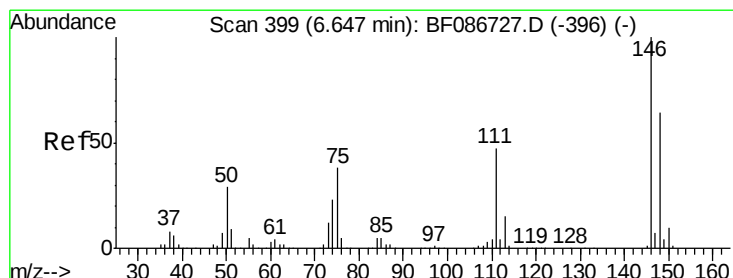
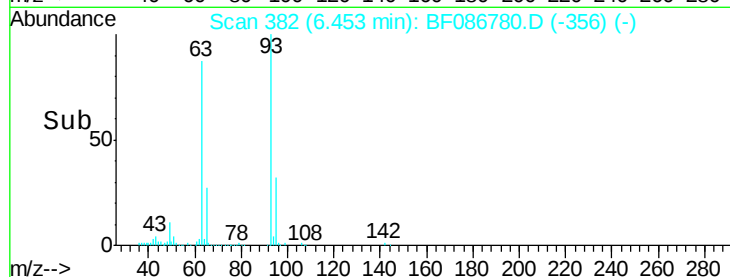
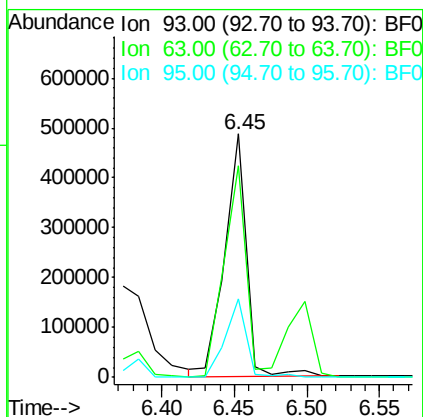
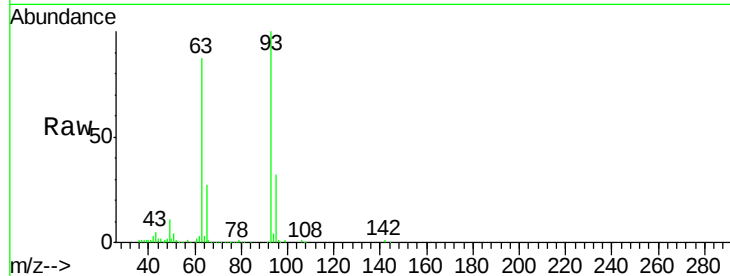




#11
bis(2-Chloroethyl)ether
Concen: 39.47 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

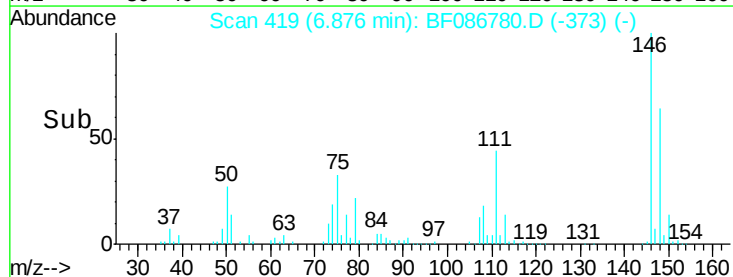
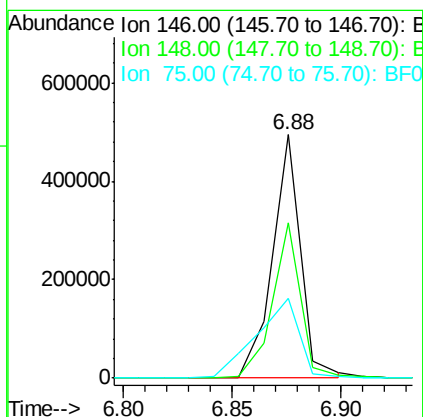
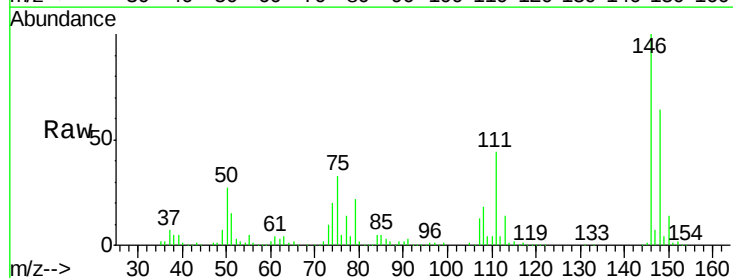
Instrument :
BNA_F
ClientSampleId :
PB90240BS

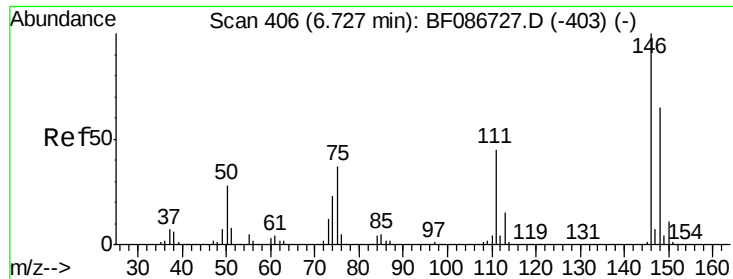
Tgt Ion: 93 Resp: 509182
Ion Ratio Lower Upper
93 100
63 86.9 58.0 98.0
95 32.2 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 34.66 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.23 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion: 146 Resp: 449157
Ion Ratio Lower Upper
146 100
148 63.8 52.4 78.6
75 32.6 22.8 34.2

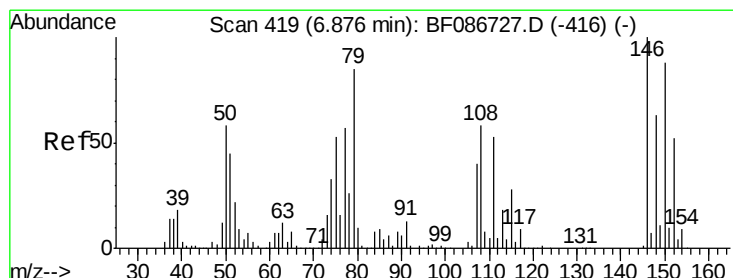
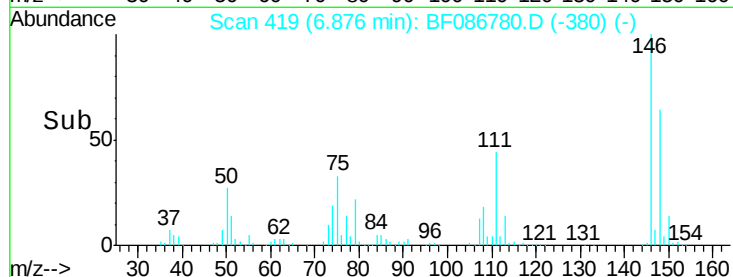
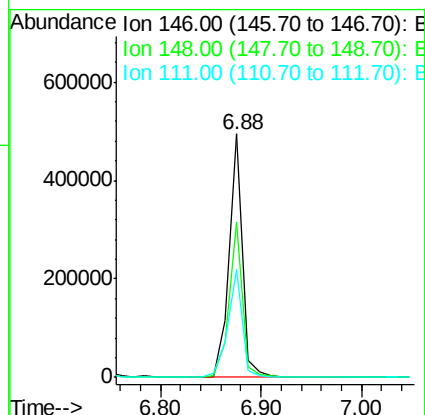
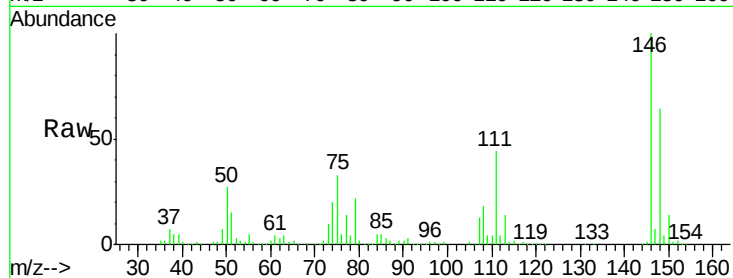




#13
 1,4-Dichlorobenzene
 Concen: 33.90 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.15 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

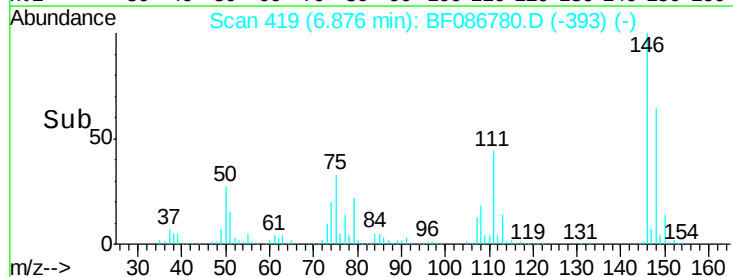
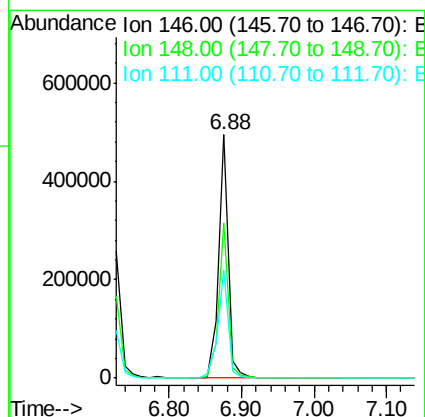
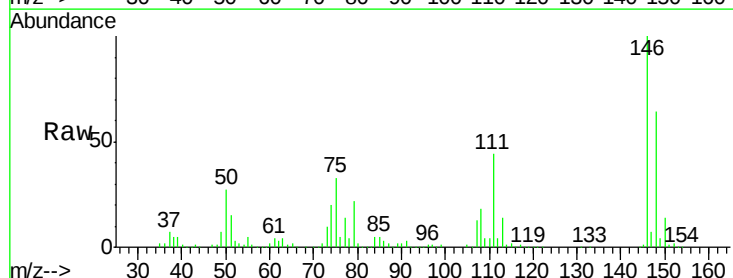
Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

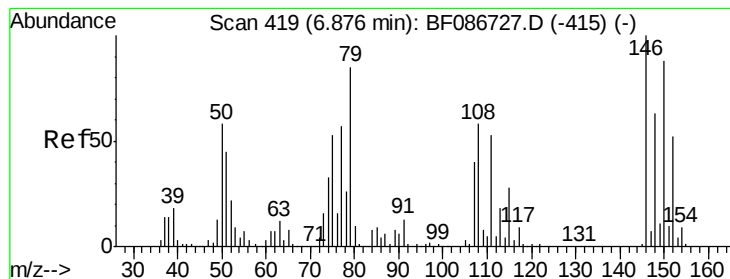
Tgt Ion:146 Resp: 454249
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.4
 111 44.1 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 39.27 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion:146 Resp: 458159
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.6
 111 44.1 36.2 54.4





#15

Benzyl Alcohol

Concen: 44.01 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

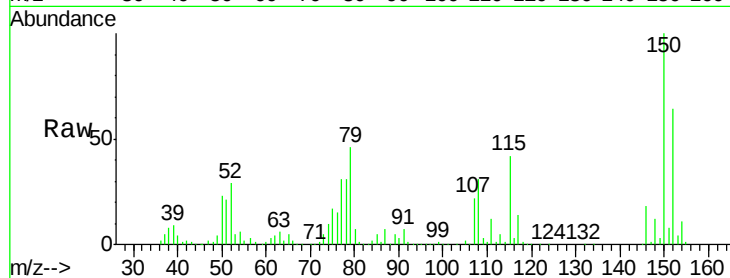
Tgt Ion: 79 Resp: 390070

Ion Ratio Lower Upper

79 100

108 67.6 68.4 102.6#

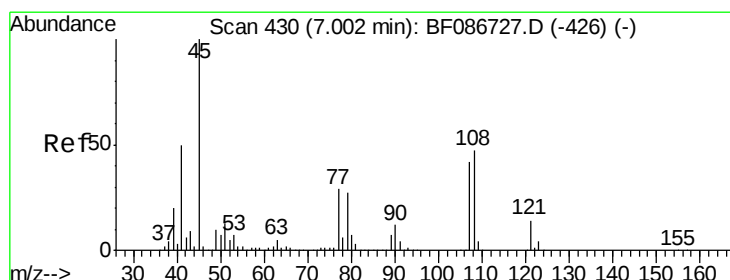
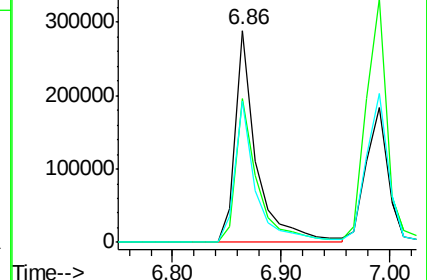
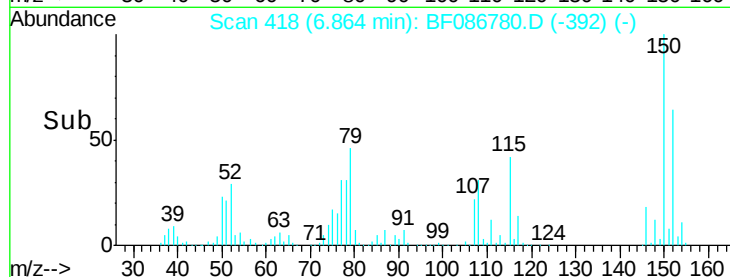
77 66.7 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.06 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

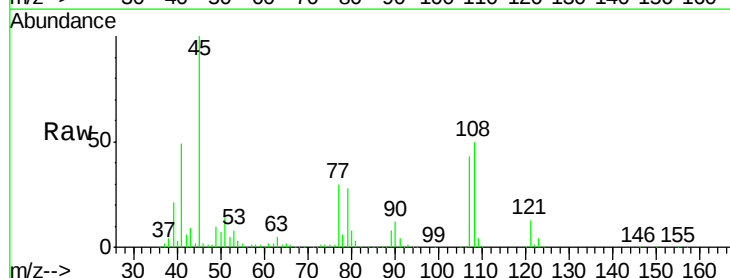
Tgt Ion: 45 Resp: 951134

Ion Ratio Lower Upper

45 100

77 30.3 0.0 36.4

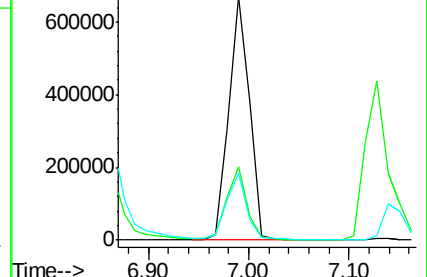
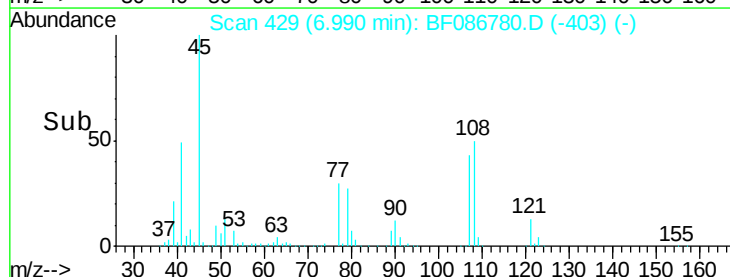
79 27.5 0.0 33.4

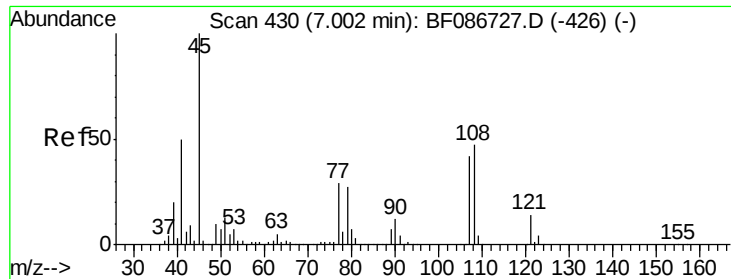


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

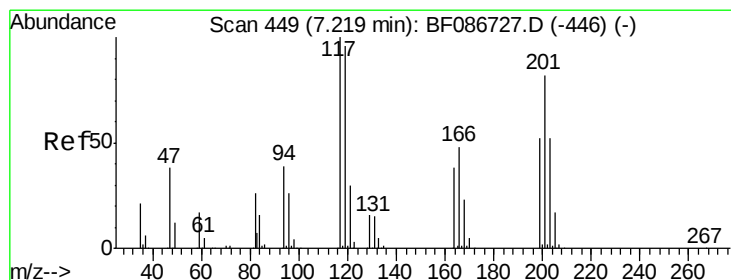
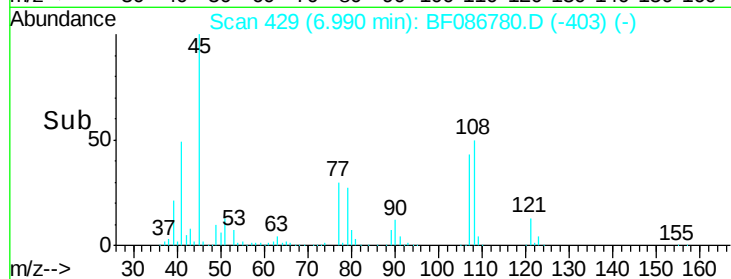
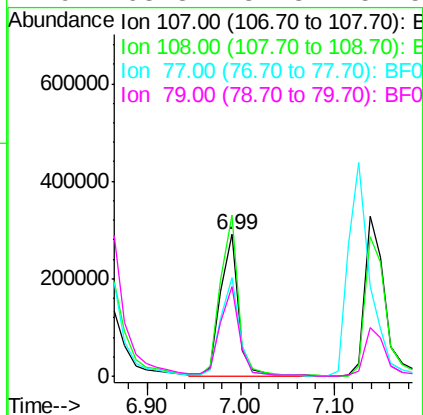
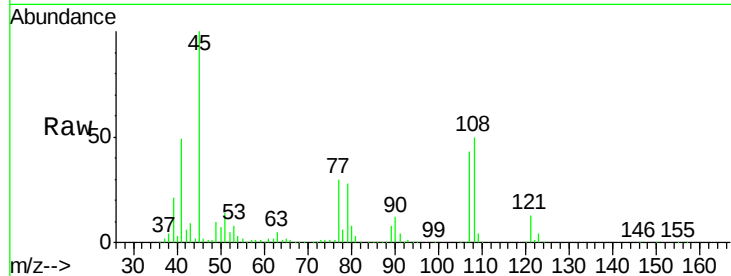




#17
2-Methylphenol
Concen: 39.00 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

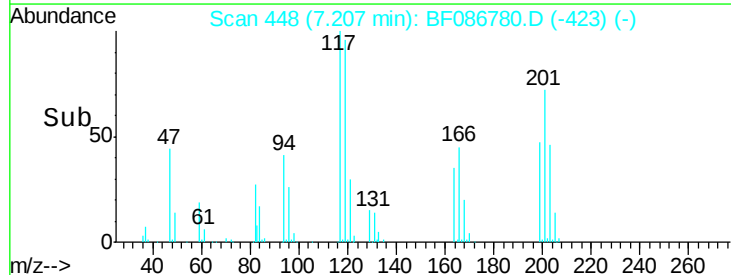
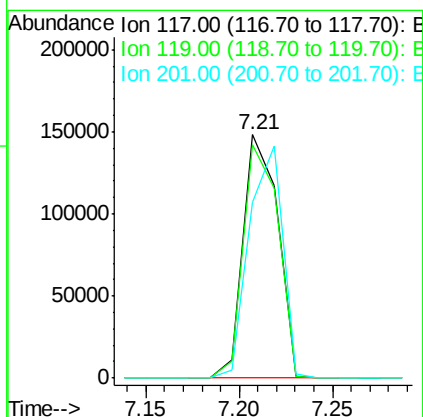
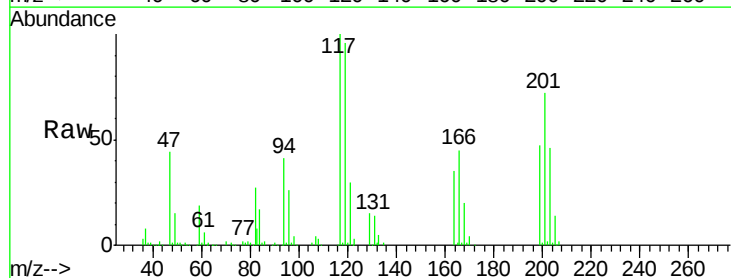
Instrument :
BNA_F
ClientSampleId :
PB90240BS

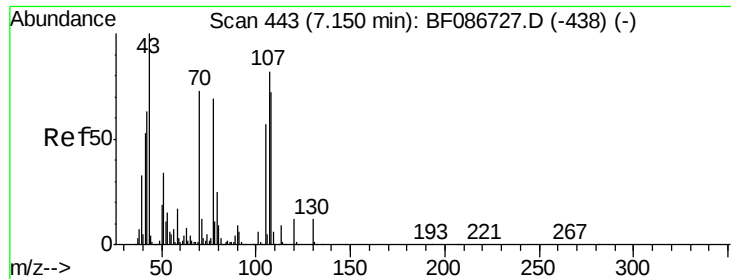
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.9	93.7	140.5
77	69.6	33.4	50.0#
79	63.3	34.3	51.5#



#18
Hexachloroethane
Concen: 37.65 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.5	114.7
201	72.1	63.0	94.6

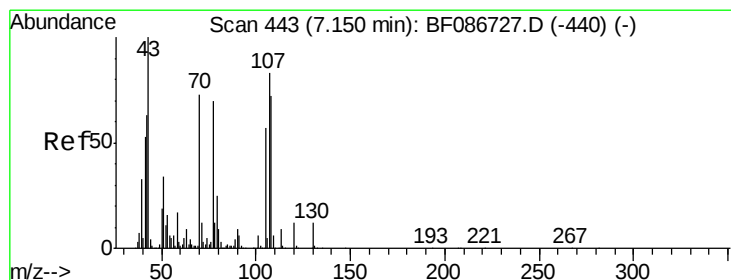
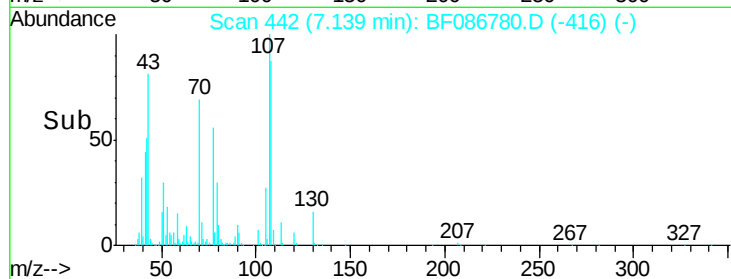
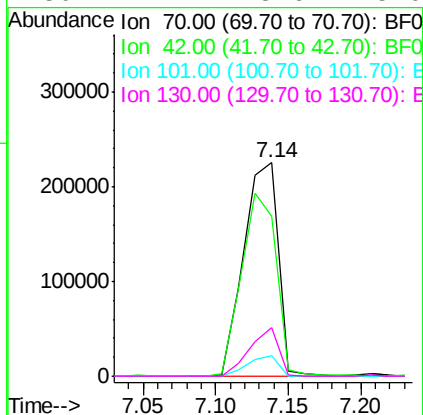
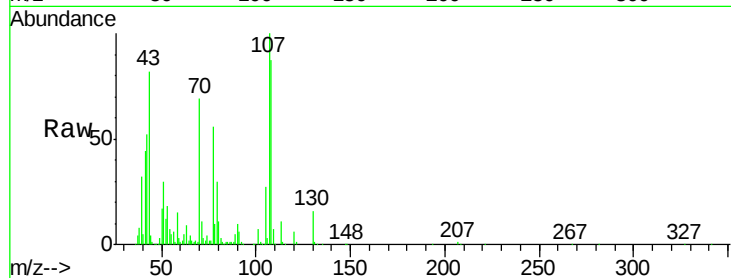




#19
n-Nitroso-di-n-propylamine
Concen: 39.80 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

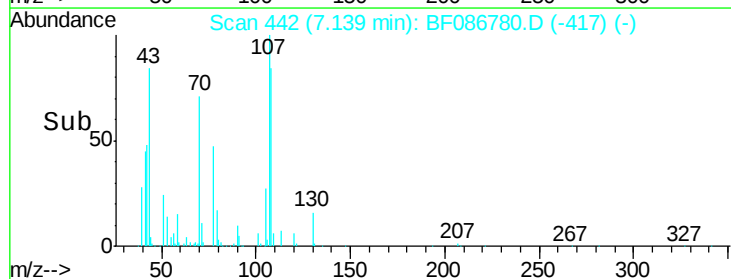
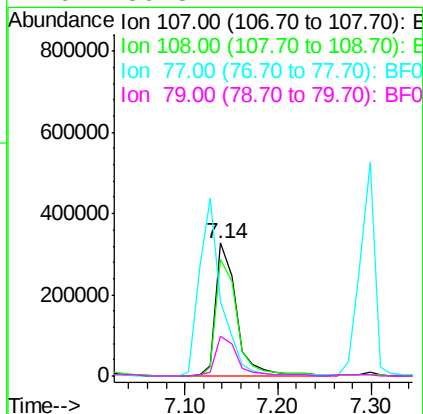
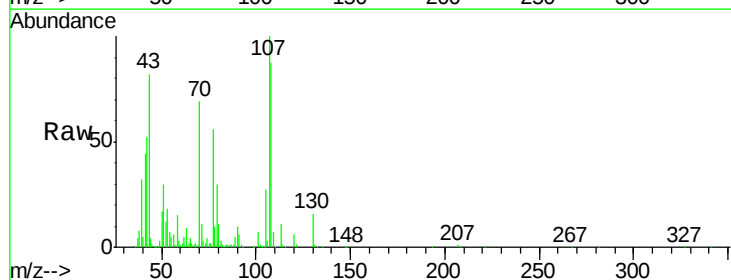
Instrument :
BNA_F
ClientSampleId :
PB90240BS

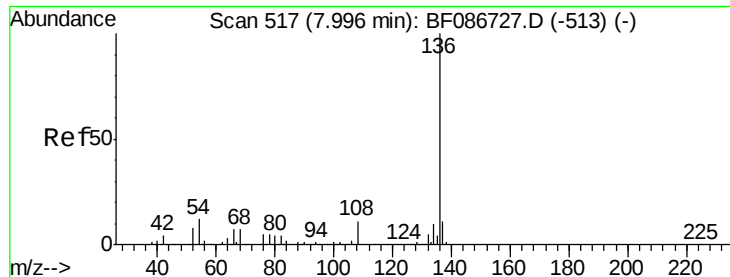
Tgt Ion: 70 Resp: 372541
Ion Ratio Lower Upper
70 100
42 75.0 43.1 64.7#
101 9.6 8.1 12.1
130 22.7 18.6 28.0



#20
3+4-Methylphenols
Concen: 43.35 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion: 107 Resp: 498771
Ion Ratio Lower Upper
107 100
108 87.3 68.5 108.5
77 56.1 101.6 141.6#
79 30.3 7.4 47.4





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

Tgt Ion:136 Resp: 698743

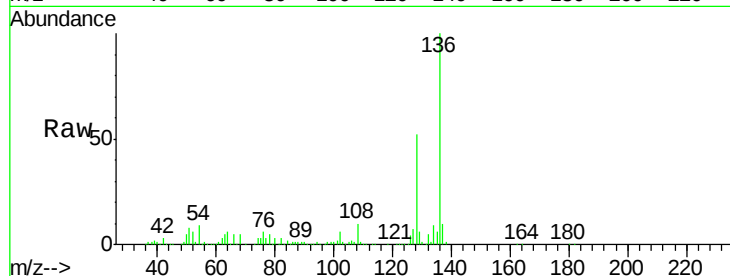
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 9.1 5.0 7.4#

68 5.3 4.4 6.6

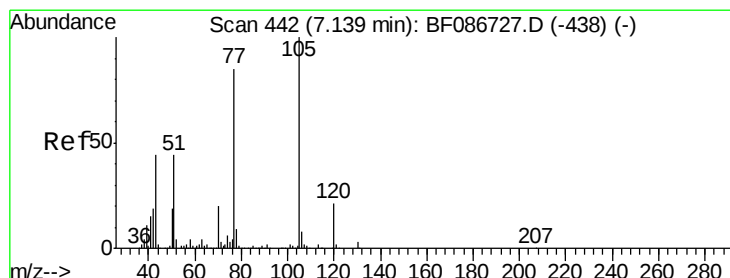
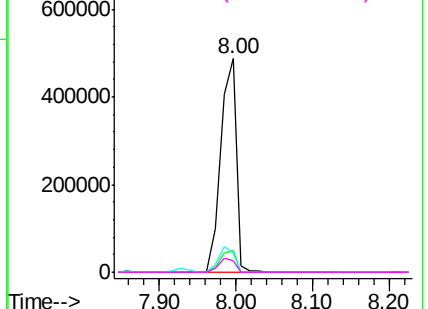
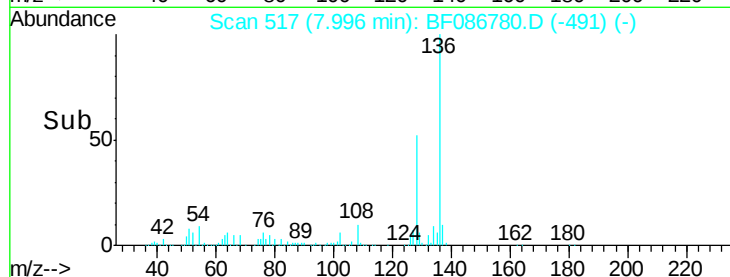


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.16 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Tgt Ion:105 Resp: 670087

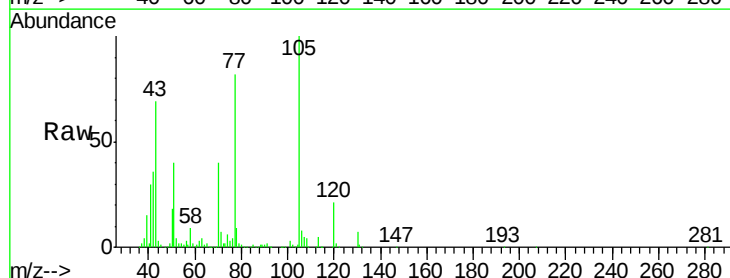
Ion Ratio Lower Upper

105 100

71 6.8 4.8 7.2

51 39.6 32.6 49.0

120 20.9 16.5 24.7

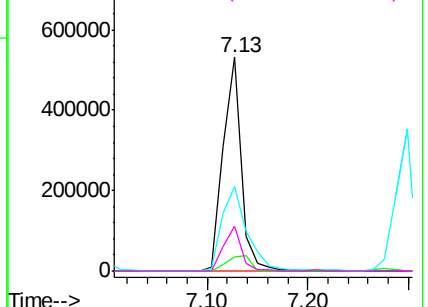
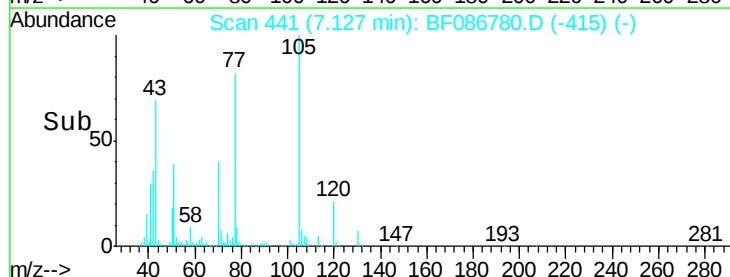


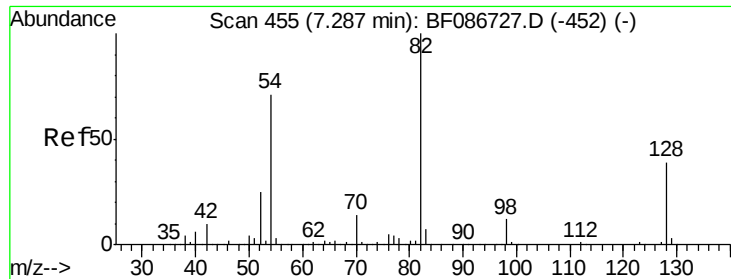
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

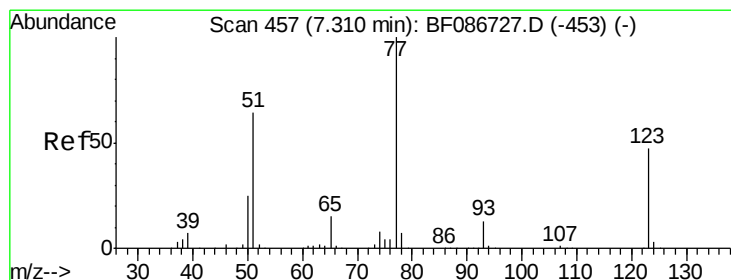
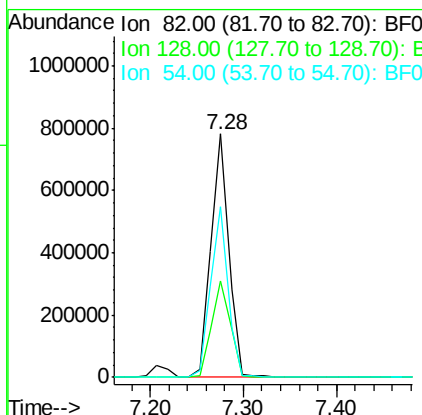
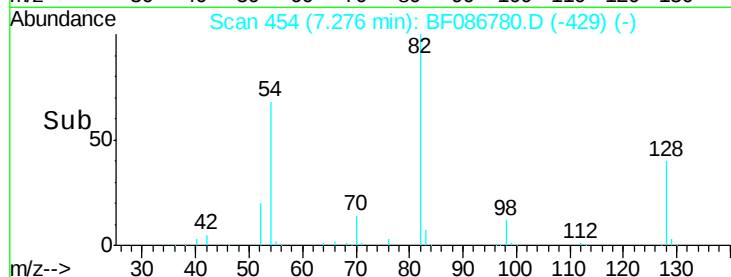
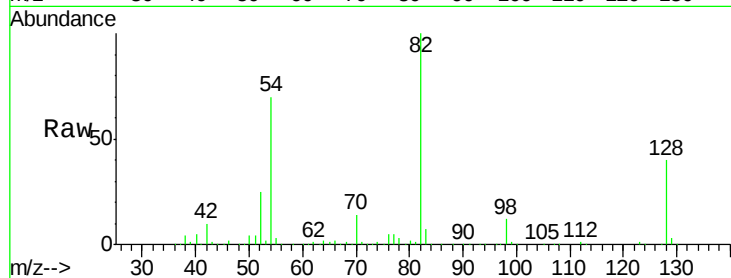




#23
 Nitrobenzene-d5
 Concen: 76.83 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

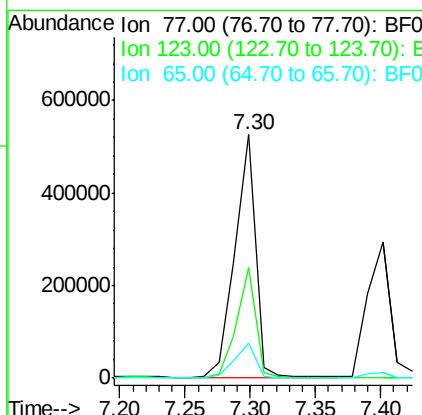
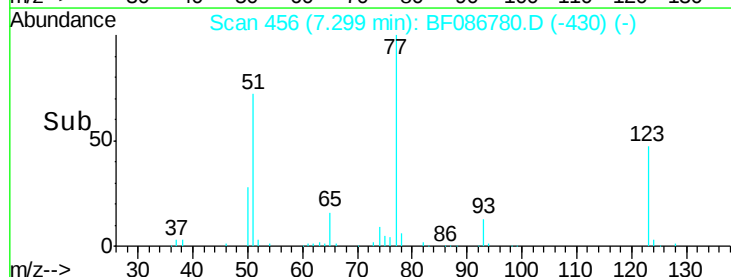
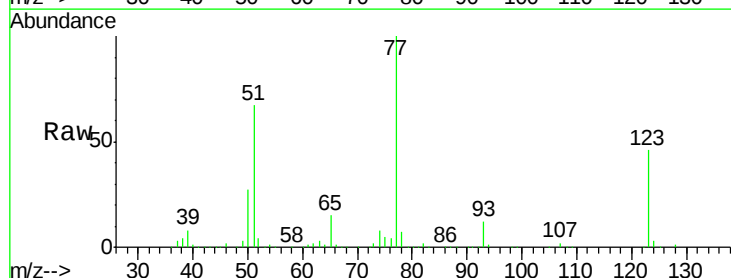
Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

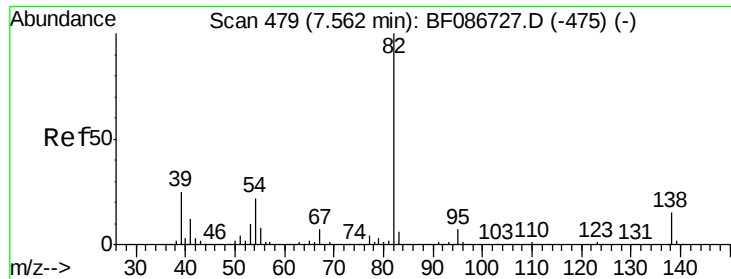
Tgt Ion: 82 Resp: 1044699
 Ion Ratio Lower Upper
 82 100
 128 39.7 40.6 61.0#
 54 70.1 38.1 57.1#



#24
 Nitrobenzene
 Concen: 40.78 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion: 77 Resp: 573214
 Ion Ratio Lower Upper
 77 100
 123 45.6 33.0 49.4
 65 14.6 10.8 16.2

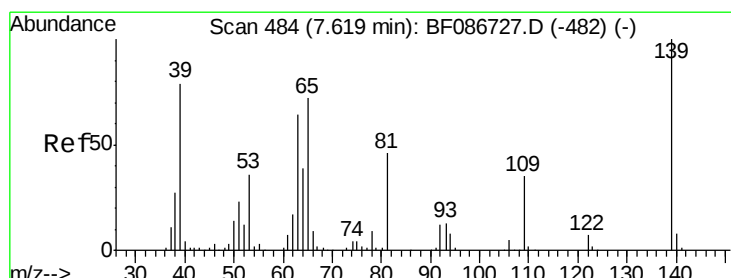
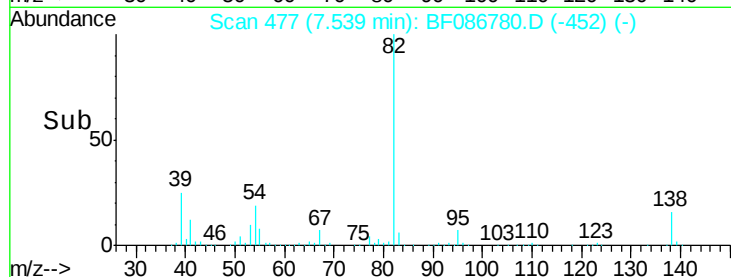
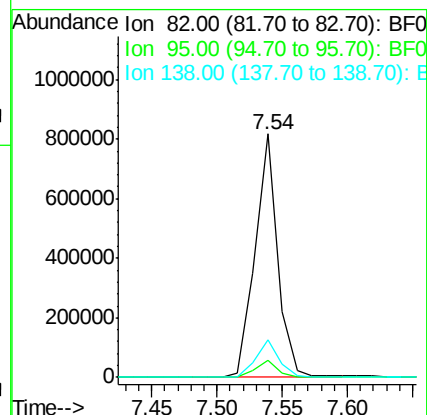
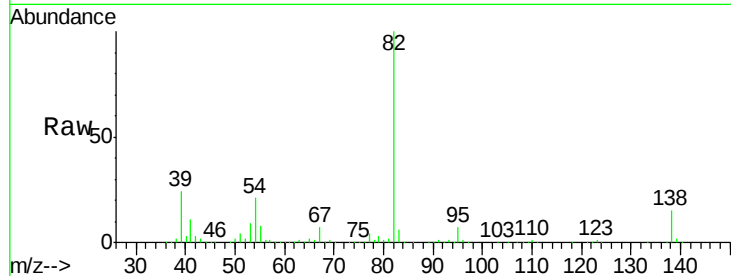




#25
Isophorone
Concen: 38.87 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

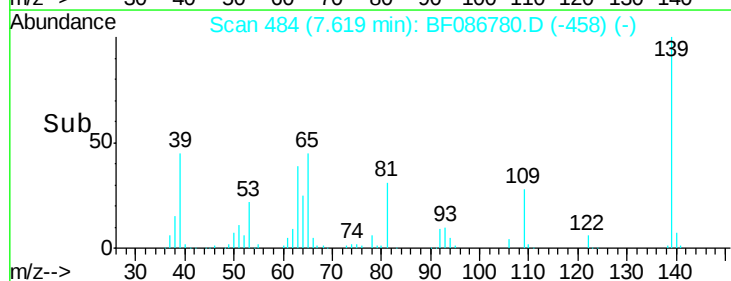
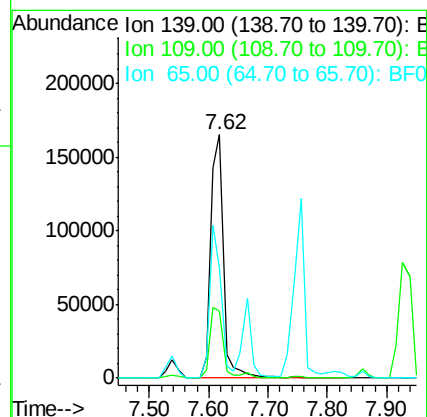
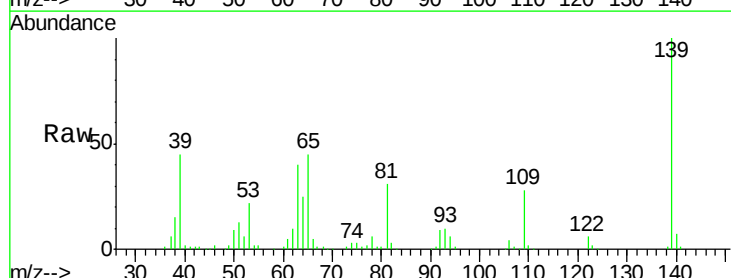
Instrument :
BNA_F
ClientSampleId :
PB90240BS

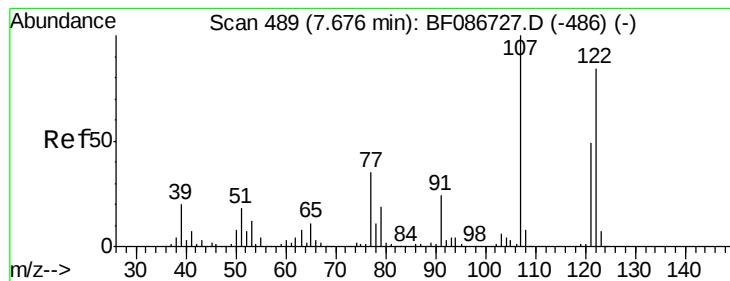
Tgt Ion: 82 Resp: 984285
Ion Ratio Lower Upper
82 100
95 7.3 5.1 7.7
138 15.5 12.4 18.6



#26
2-Nitrophenol
Concen: 39.61 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion: 139 Resp: 248452
Ion Ratio Lower Upper
139 100
109 27.7 19.5 29.3
65 45.1 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 37.42 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

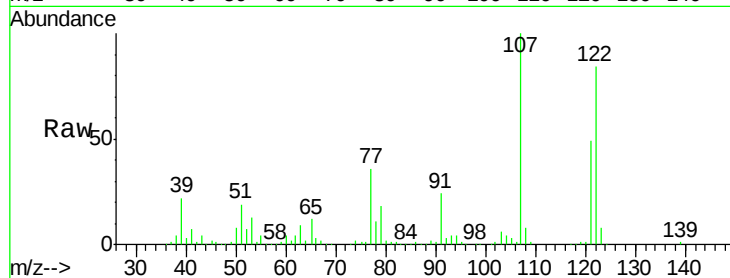
Tgt Ion:122 Resp: 412135

Ion Ratio Lower Upper

122 100

107 118.7 82.0 123.0

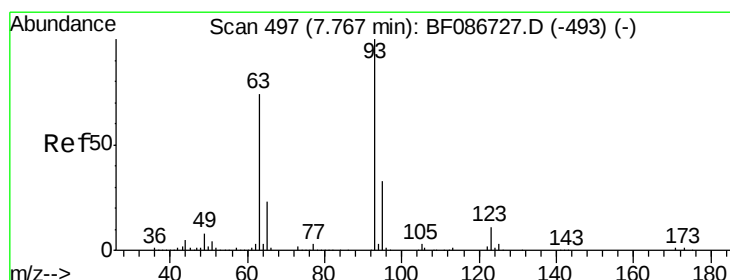
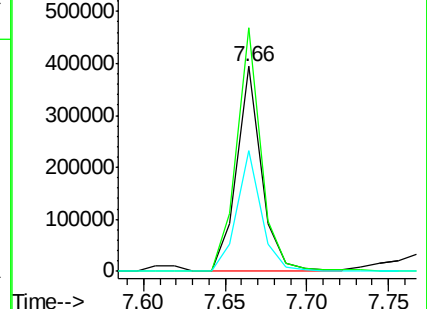
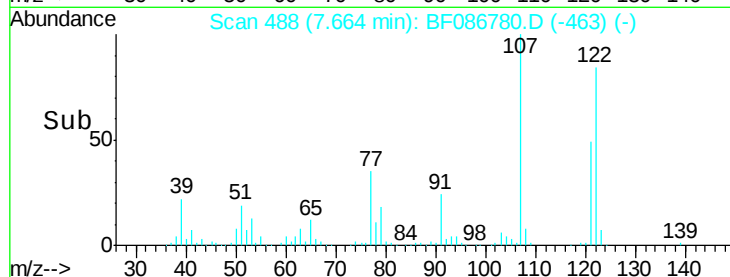
121 58.6 46.1 69.1



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: 44.21 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

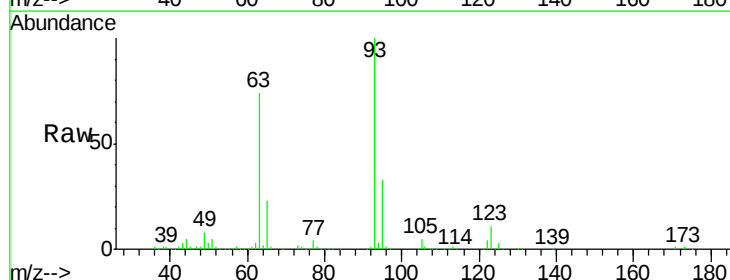
Tgt Ion: 93 Resp: 616153

Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

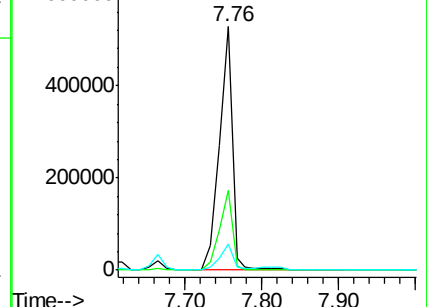
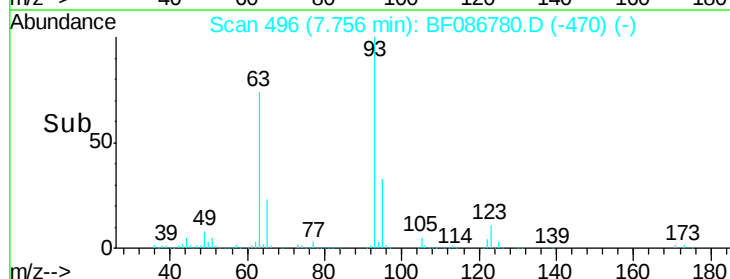
123 10.9 9.5 14.3

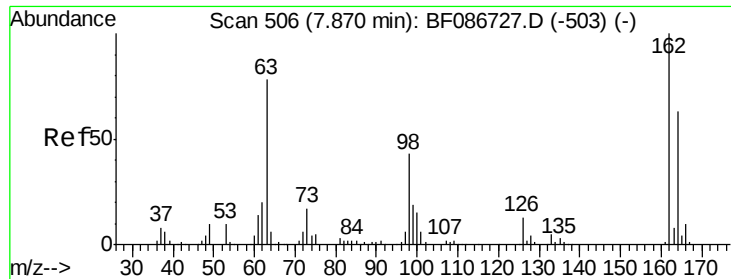


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

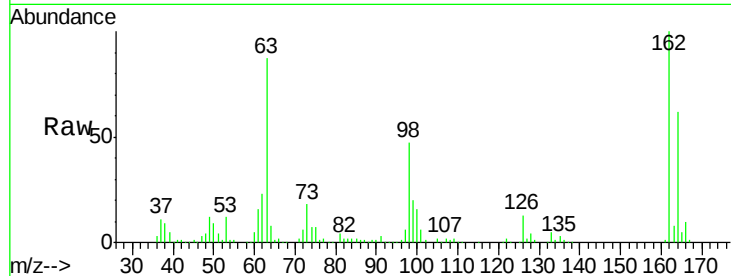




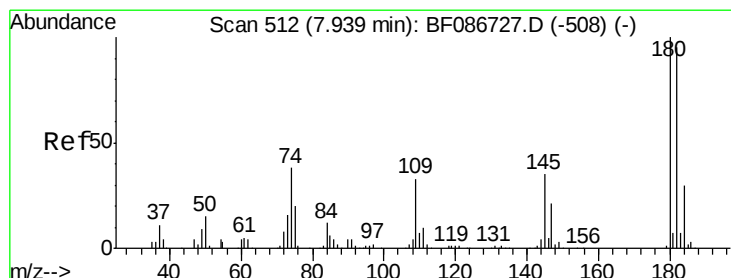
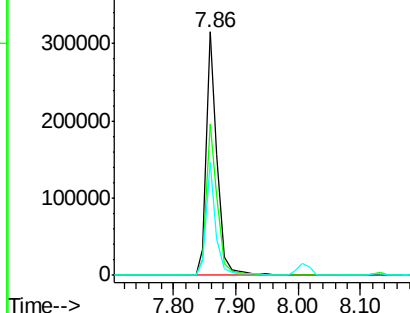
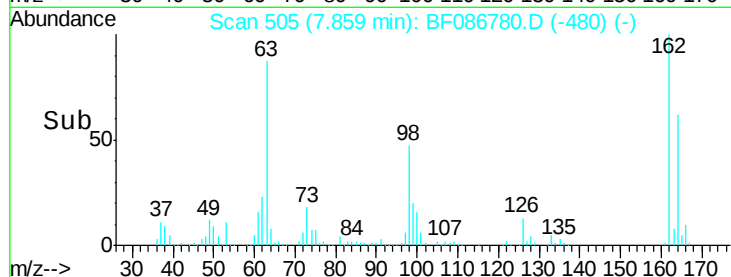
#29
 2,4-Dichlorophenol
 Concen: 40.52 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.2	82.2
98	46.5	19.0	59.0

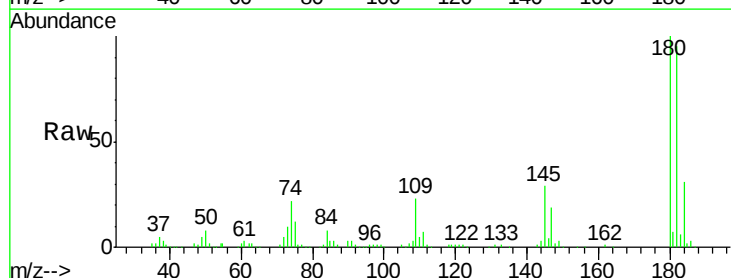


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

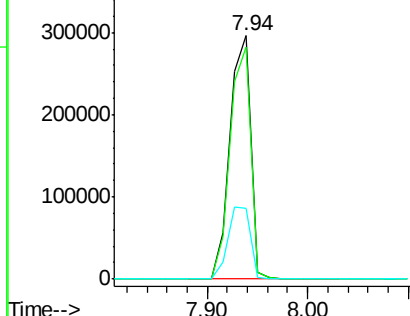
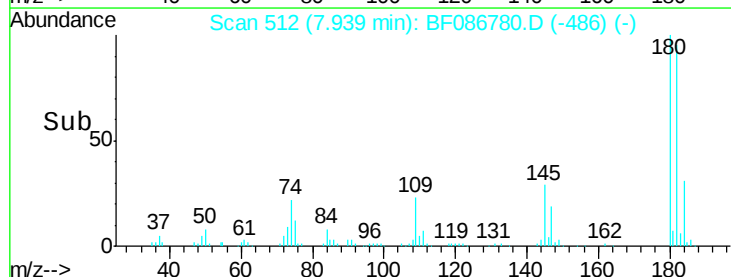


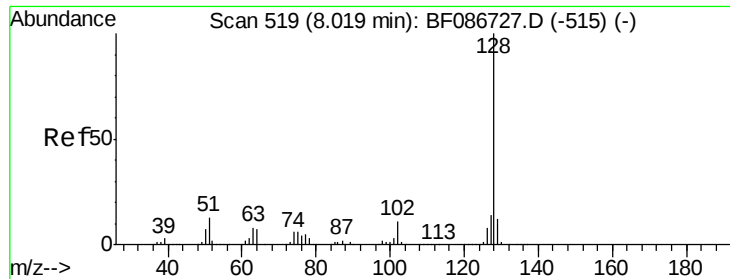
#30
 1,2,4-Trichlorobenzene
 Concen: 40.18 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.0	117.0
145	28.9	24.2	36.2



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

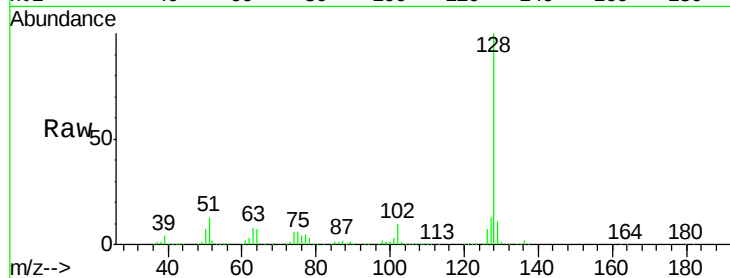




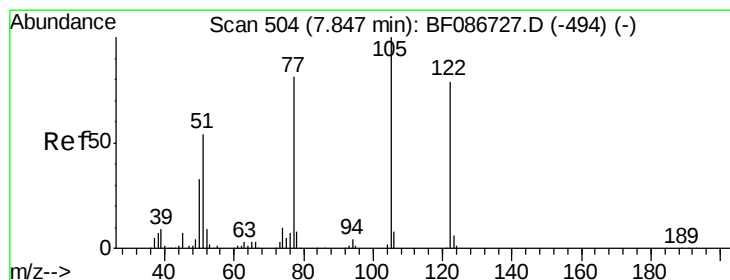
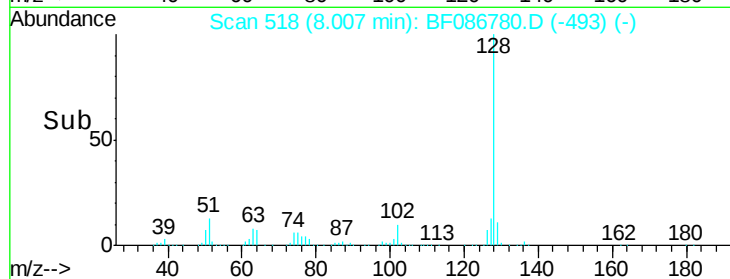
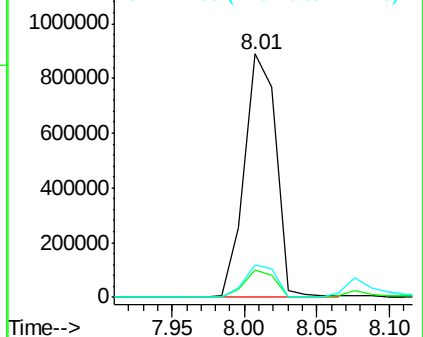
#31
Naphthalene
Concen: 37.67 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Instrument :
BNA_F
ClientSampleId :
PB90240BS

Tgt Ion:128 Resp: 1344888
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.5 10.8 16.2

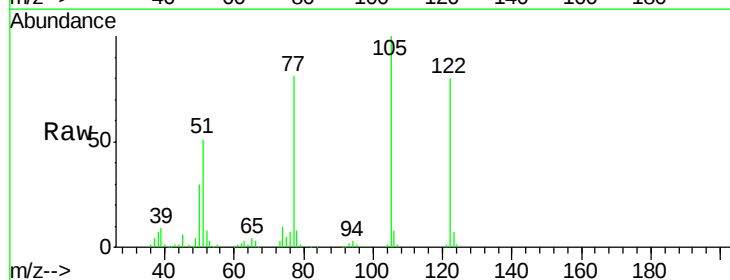


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

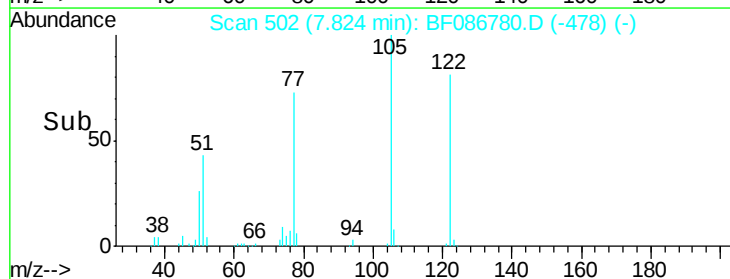
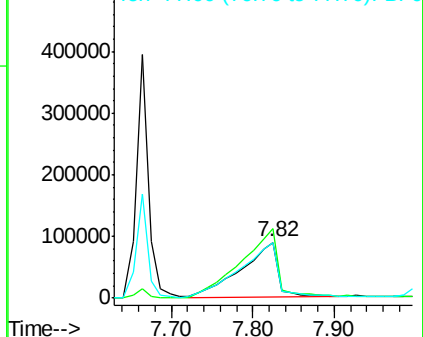


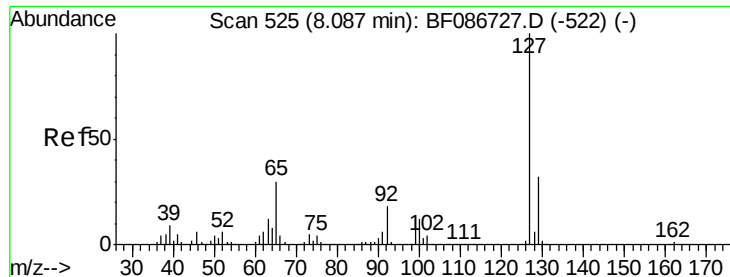
#32
Benzoic acid
Concen: 61.70 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.02 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion:122 Resp: 277634
Ion Ratio Lower Upper
122 100
105 124.7 92.6 132.6
77 100.8 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

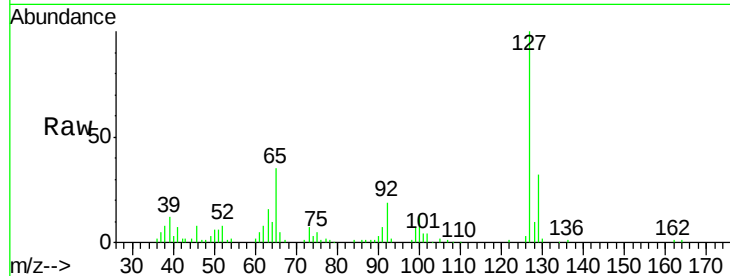




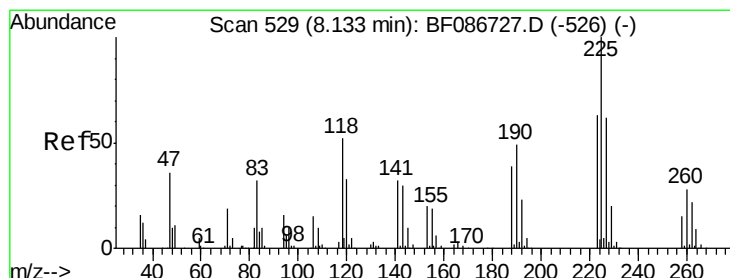
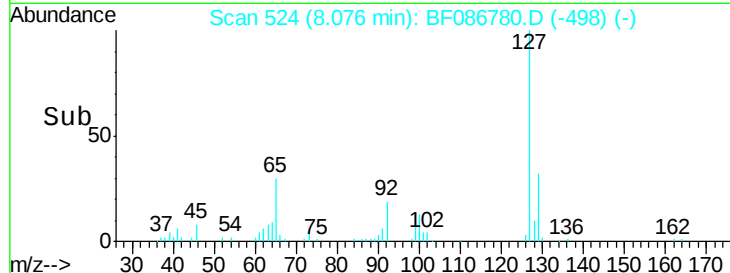
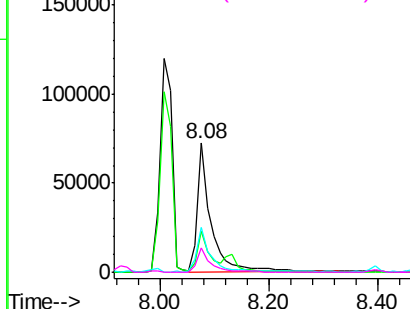
#33
4-Chloroaniline
Concen: 8.98 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Instrument :
BNA_F
ClientSampleId :
PB90240BS

Tgt Ion:	127	Resp:	124174
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.4
65	35.0	23.0	34.4#
92	19.2	15.1	22.7

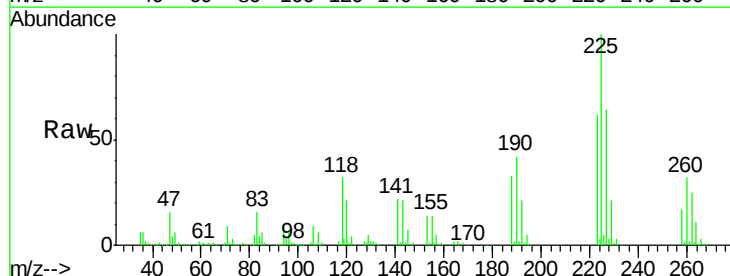


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

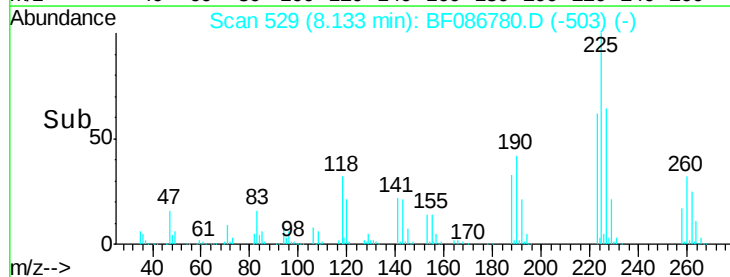
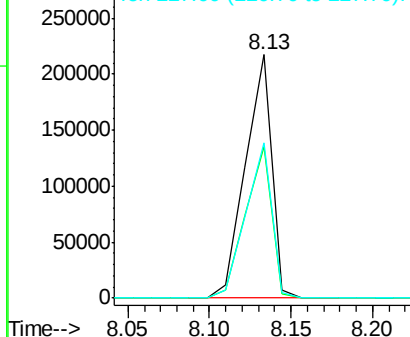


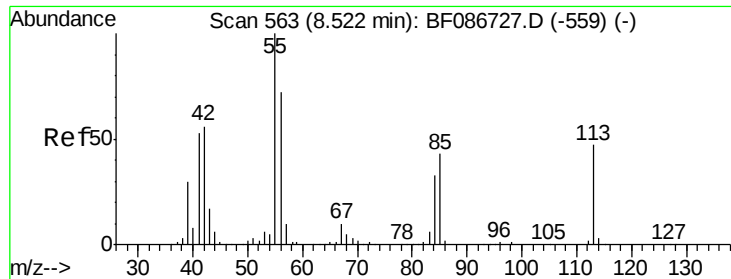
#34
Hexachlorobutadiene
Concen: 40.42 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion:	225	Resp:	242438
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.5	77.3
227	63.5	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.97 ng

RT: 8.46 min Scan# 558

Delta R.T. -0.02 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

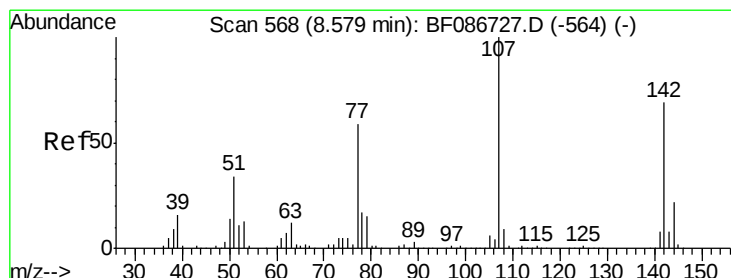
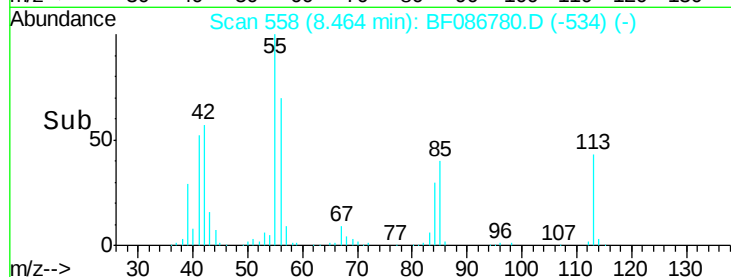
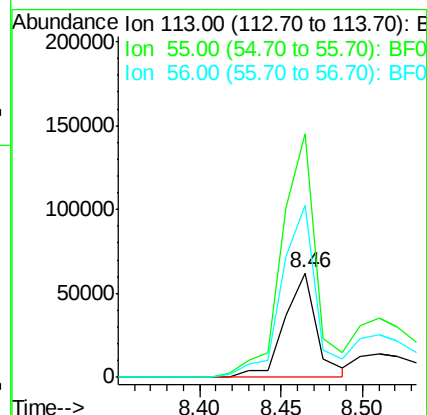
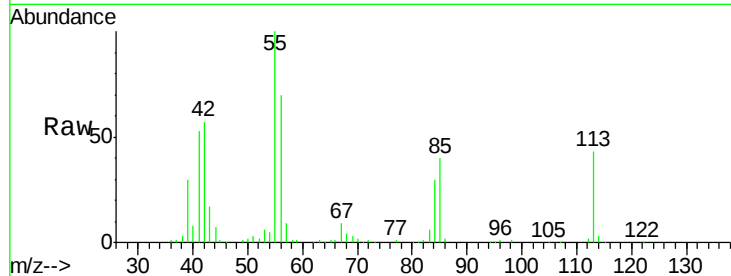
Tgt Ion:113 Resp: 84918

Ion Ratio Lower Upper

113 100

55 233.5 162.0 202.0#

56 164.6 115.3 155.3#



#36

4-Chloro-3-methylphenol

Concen: 42.25 ng

RT: 8.58 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

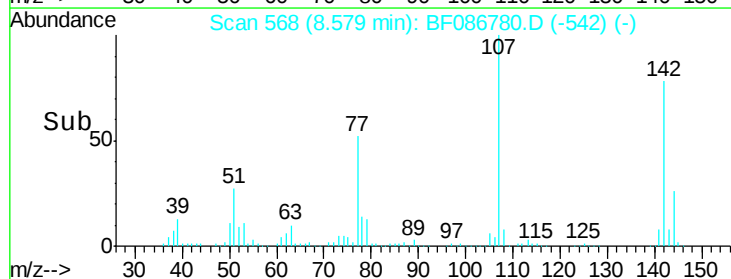
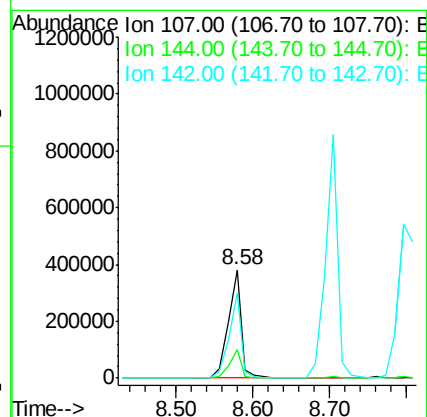
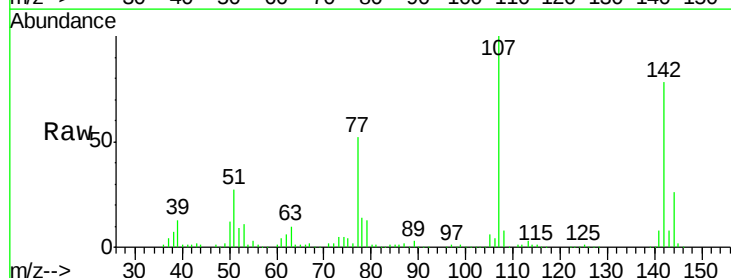
Tgt Ion:107 Resp: 456415

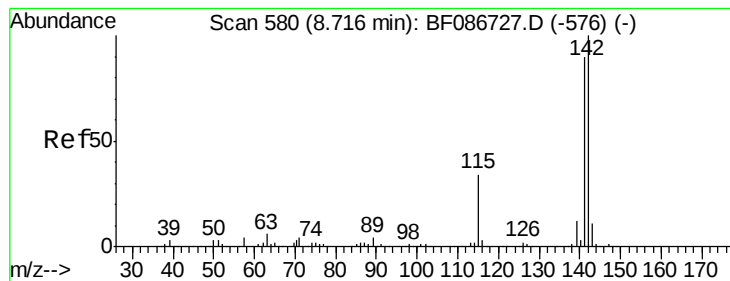
Ion Ratio Lower Upper

107 100

144 26.0 20.7 31.1

142 78.4 63.2 94.8

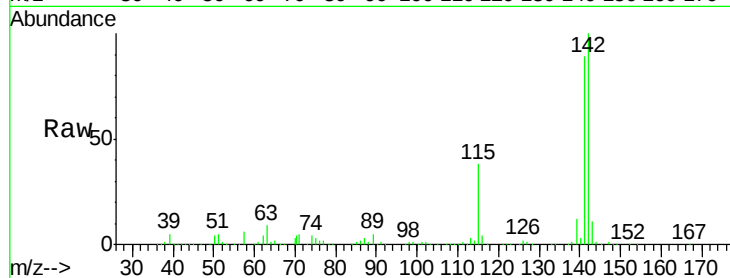




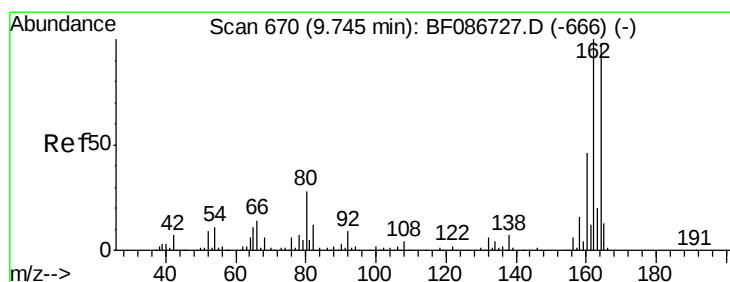
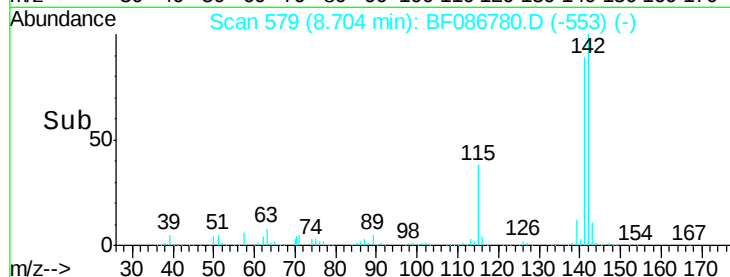
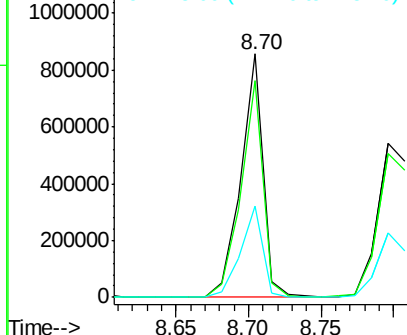
#37
 2-Methylnaphthalene
 Concen: 42.96 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

Tgt Ion:142 Resp: 904730
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.0 106.6
 115 37.8 26.6 39.8

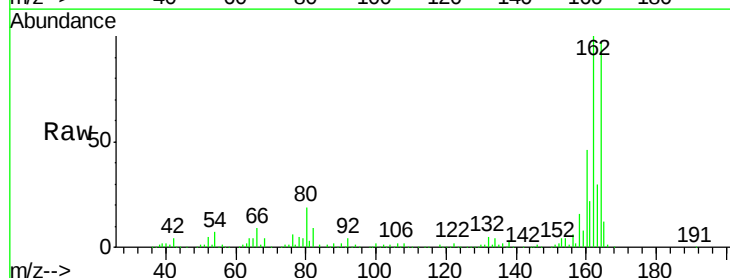


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

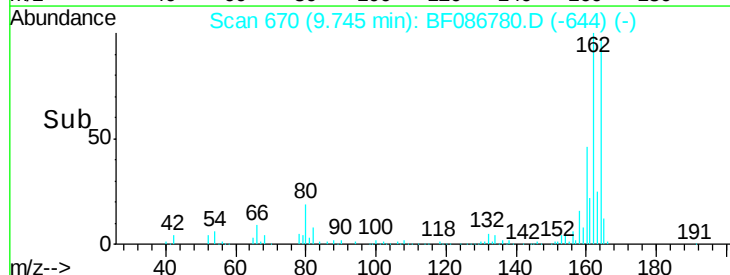
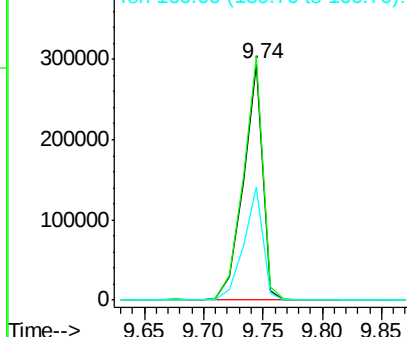


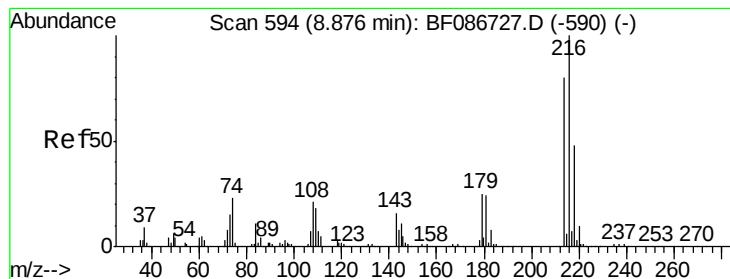
#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion:164 Resp: 334899
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.8 124.2
 160 47.7 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.35 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

Tgt Ion:216 Resp: 362107

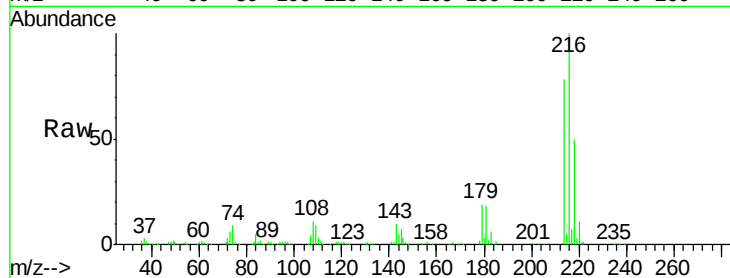
Ion Ratio Lower Upper

216 100

214 79.0 62.6 93.8

179 22.8 18.2 27.4

108 25.8 17.5 26.3

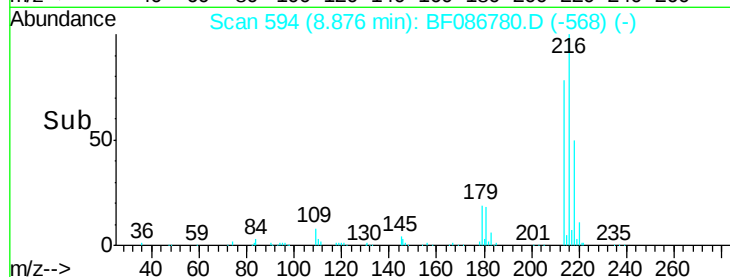


Abundance Ion 216.00 (215.70 to 216.70): E

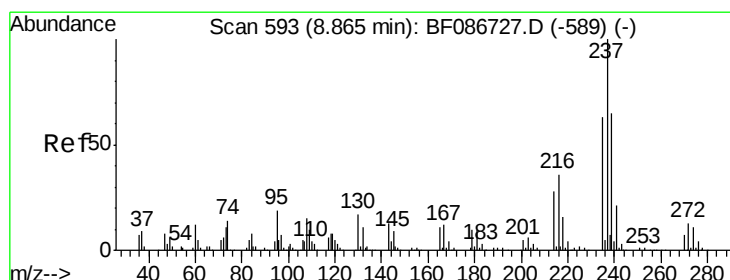
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 90.00 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

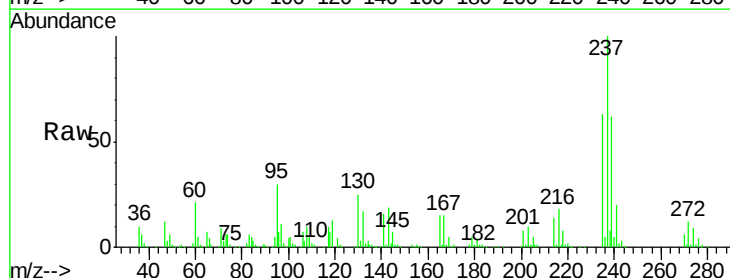
Tgt Ion:237 Resp: 405831

Ion Ratio Lower Upper

237 100

235 63.3 47.2 87.2

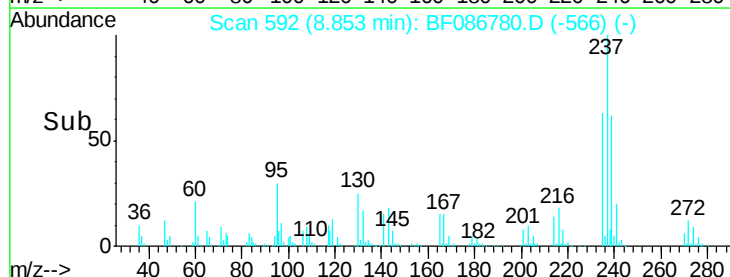
272 11.7 0.0 31.1



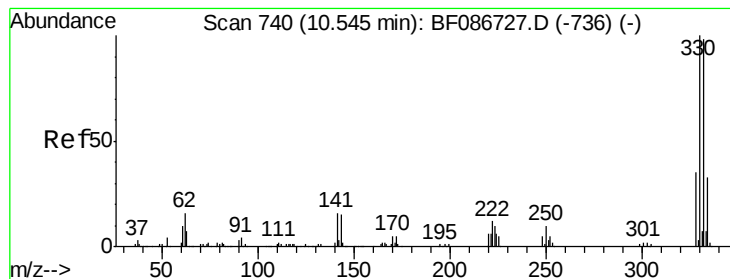
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 118.98 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

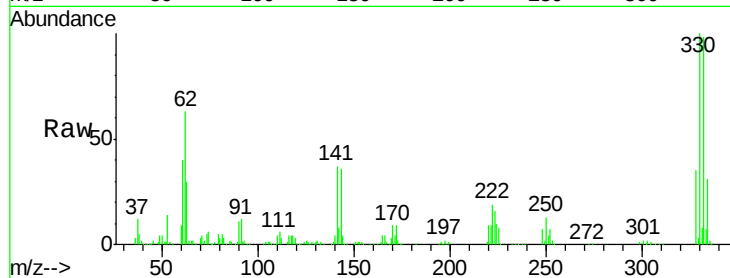
Tgt Ion:330 Resp: 389776

Ion Ratio Lower Upper

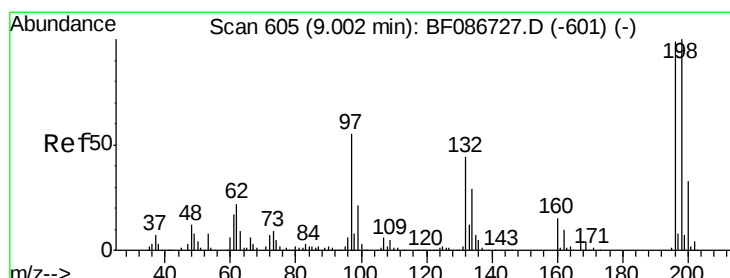
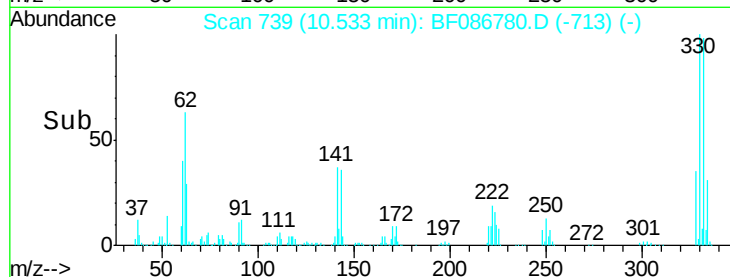
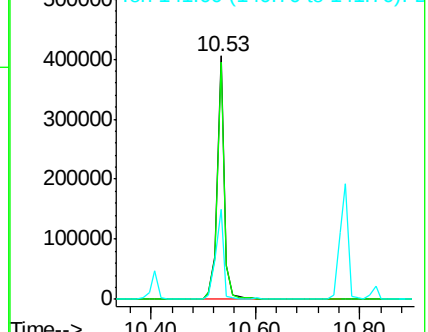
330 100

332 97.2 79.0 118.4

141 41.1 31.2 46.8



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: 41.35 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

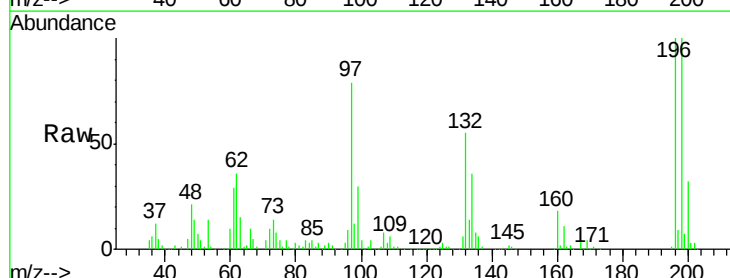
Tgt Ion:196 Resp: 254862

Ion Ratio Lower Upper

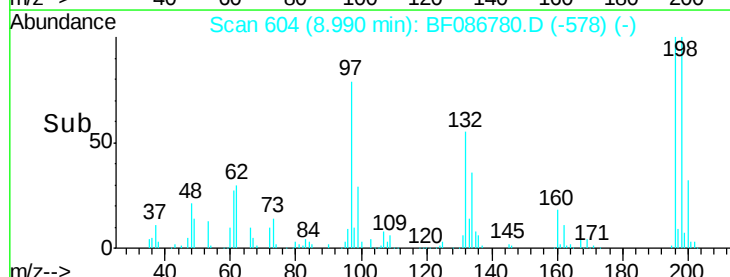
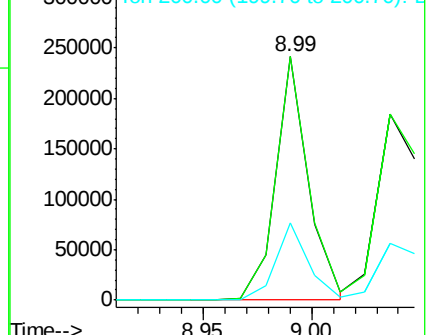
196 100

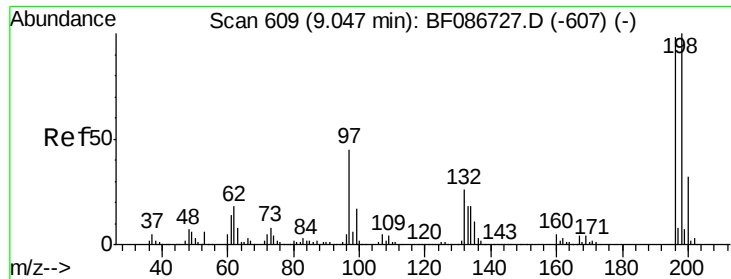
198 100.0 74.7 112.1

200 31.6 23.8 35.6



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

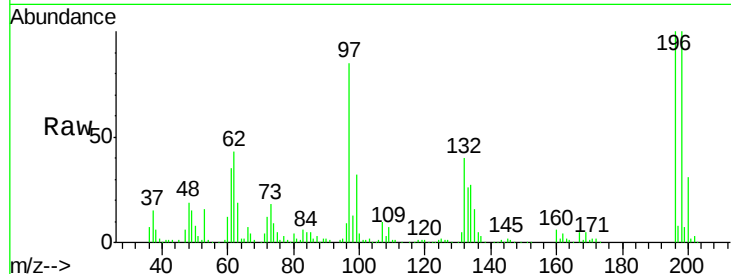




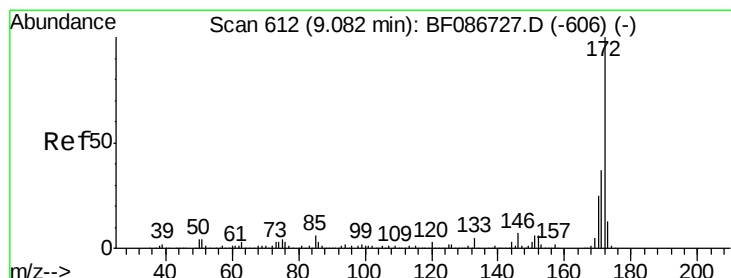
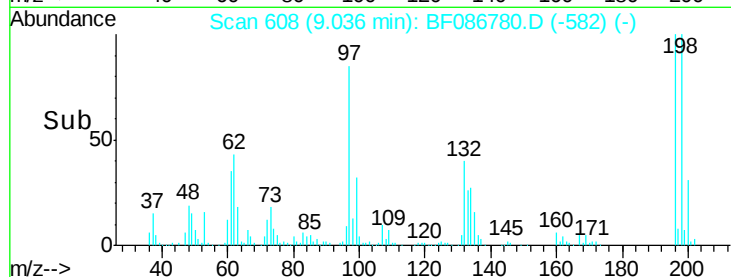
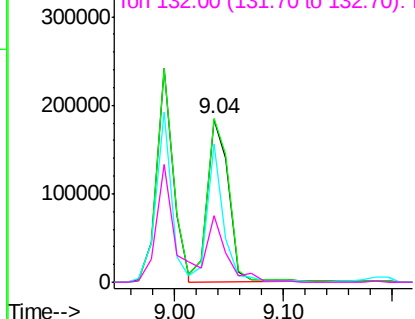
#43
 2,4,5-Trichlorophenol
 Concen: 39.55 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

Tgt Ion:196 Resp: 254709
 Ion Ratio Lower Upper
 196 100
 198 100.2 77.5 116.3
 97 84.7 34.8 52.2#
 132 40.5 23.0 34.4#

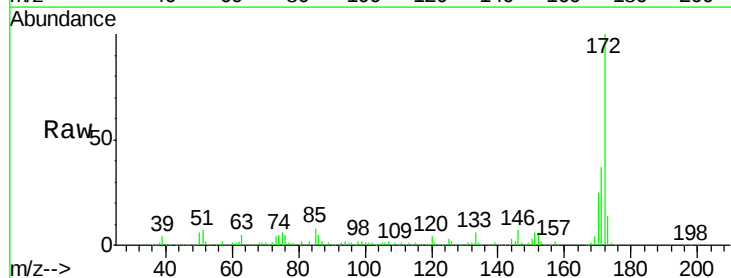


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

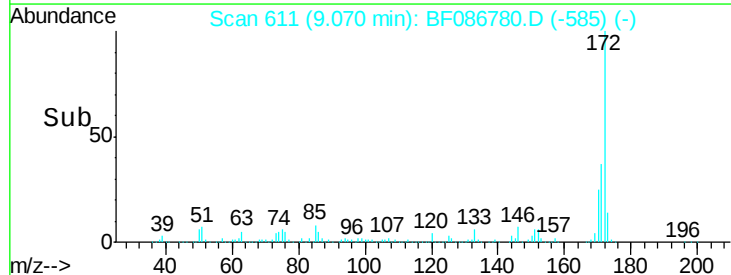
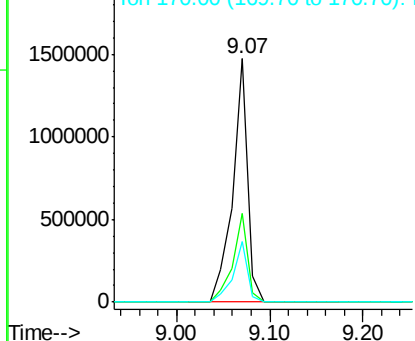


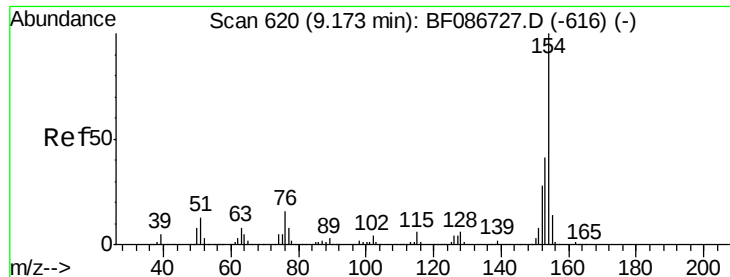
#44
 2-Fluorobiphenyl
 Concen: 81.41 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion:172 Resp: 1663316
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 25.0 19.8 29.8



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

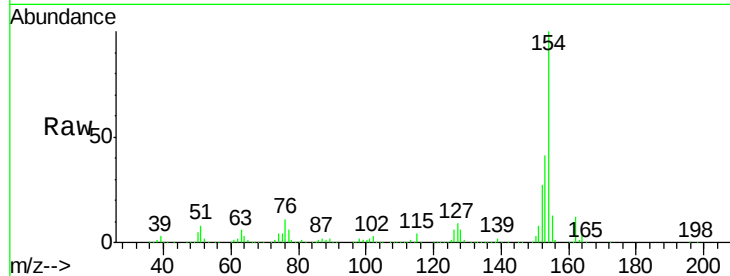




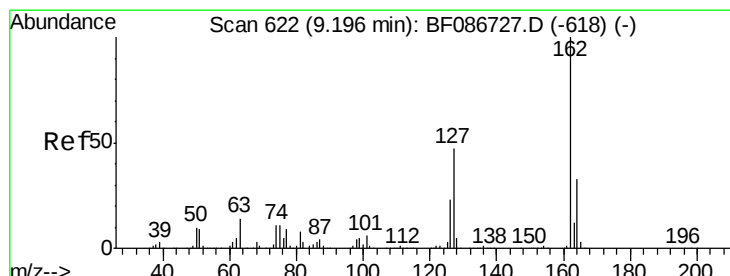
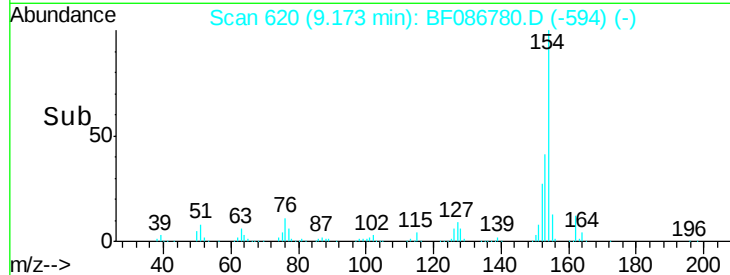
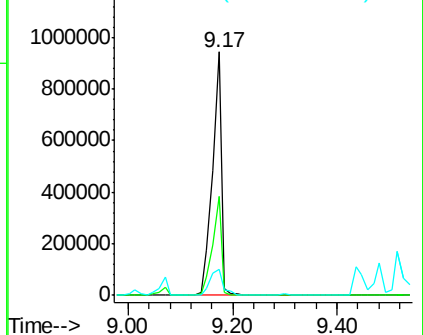
#45
 1,1'-Biphenyl
 Concen: 41.72 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

Tgt Ion:154 Resp: 1142272
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.3 60.3
 76 10.9 0.0 30.2

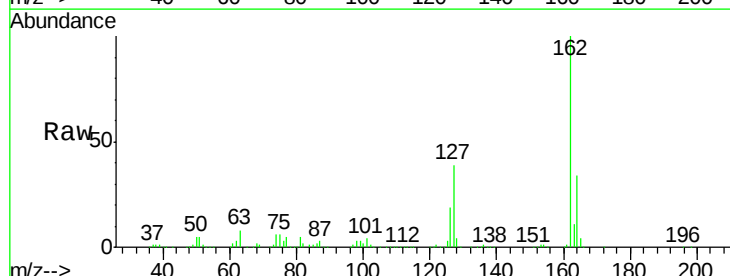


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

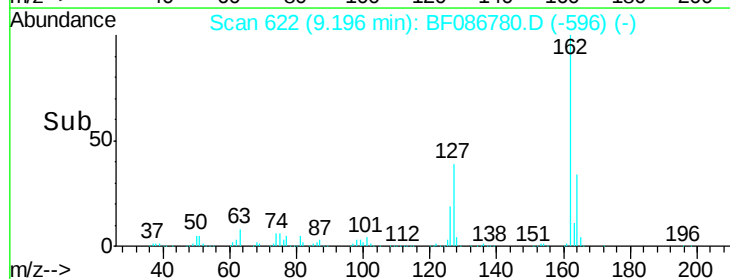
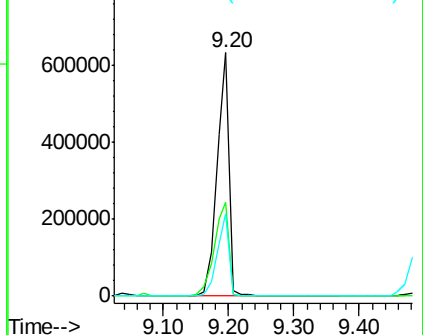


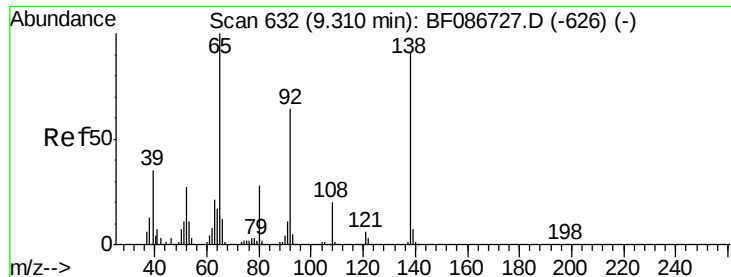
#46
 2-Chloronaphthalene
 Concen: 39.30 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion:162 Resp: 830395
 Ion Ratio Lower Upper
 162 100
 127 38.6 31.8 47.6
 164 33.7 27.0 40.6



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

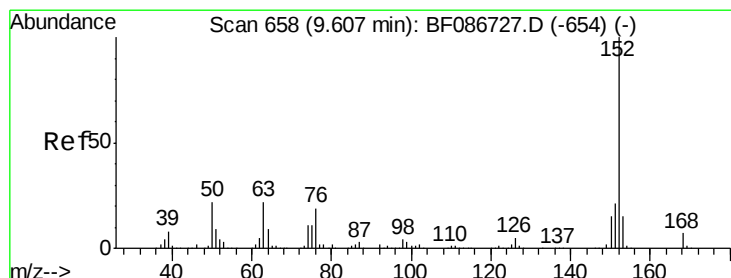
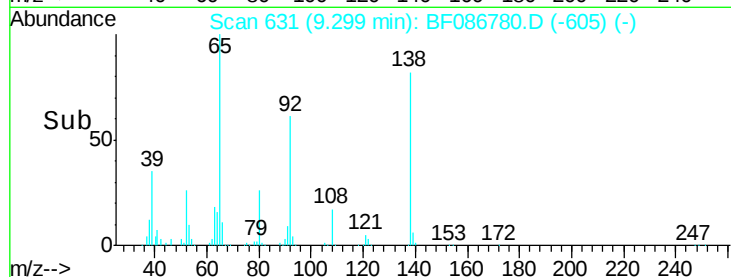
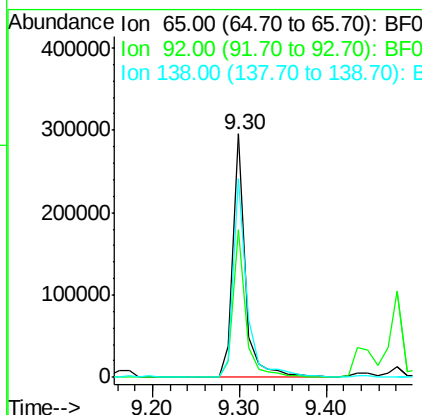
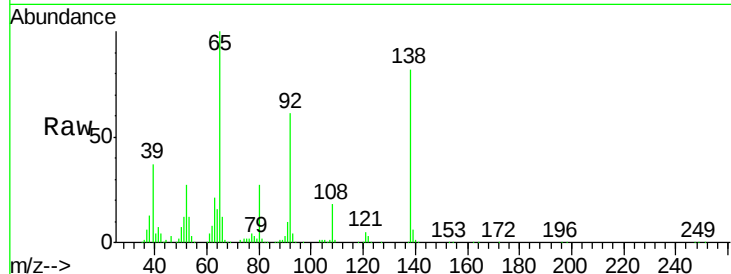




#47
2-Nitroaniline
Concen: 39.28 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

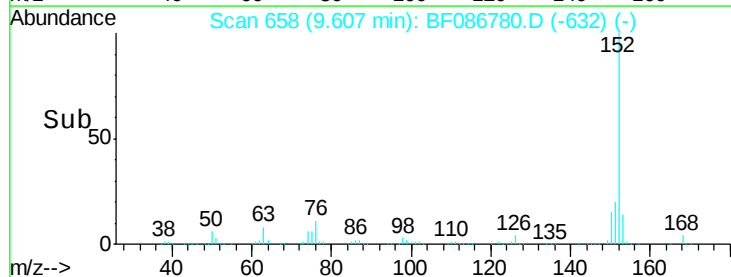
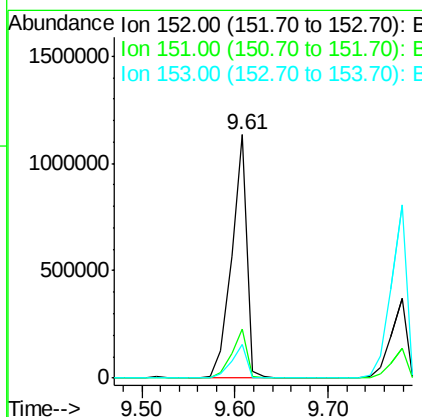
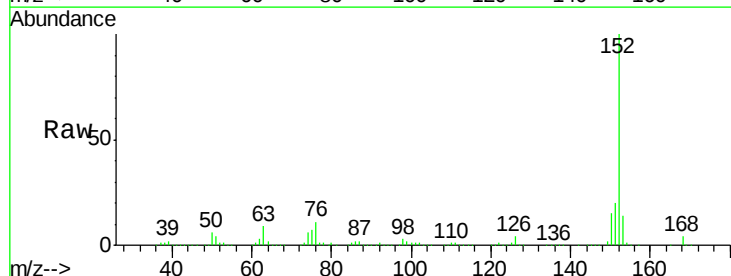
Instrument :
BNA_F
ClientSampleId :
PB90240BS

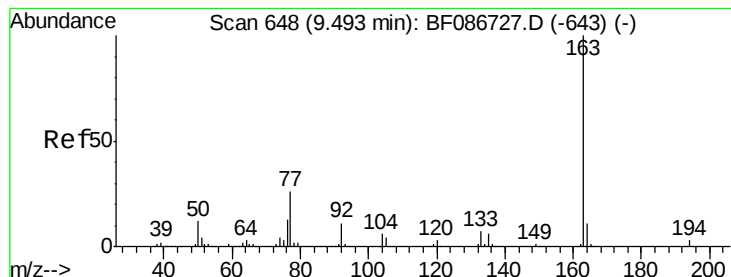
Tgt Ion: 65 Resp: 295088
Ion Ratio Lower Upper
65 100
92 60.5 57.4 86.2
138 81.6 90.1 135.1#



#48
Acenaphthylene
Concen: 41.24 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion: 152 Resp: 1293537
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.7 10.9 16.3





#49

Dimethylphthalate

Concen: 39.29 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

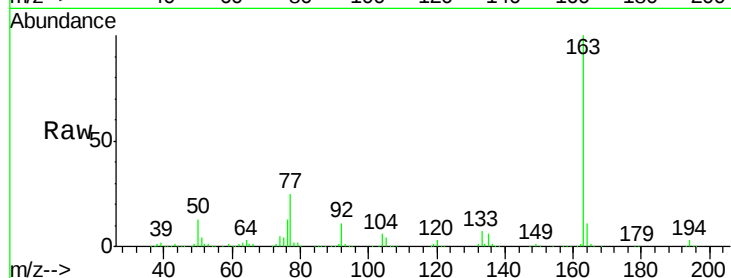
Tgt Ion:163 Resp: 980980

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

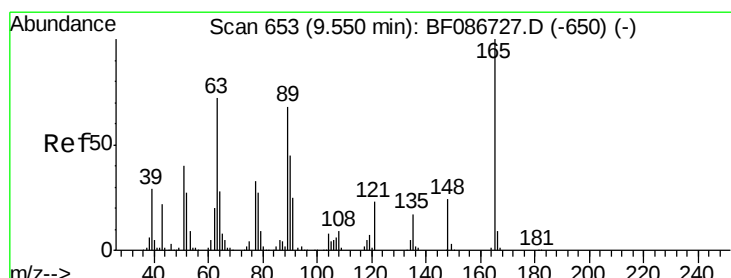
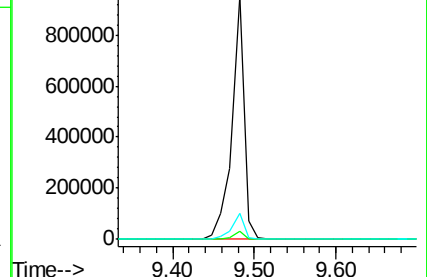
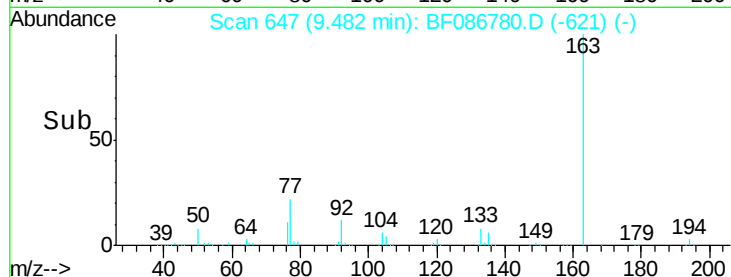
164 10.5 8.2 12.4



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: 36.89 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

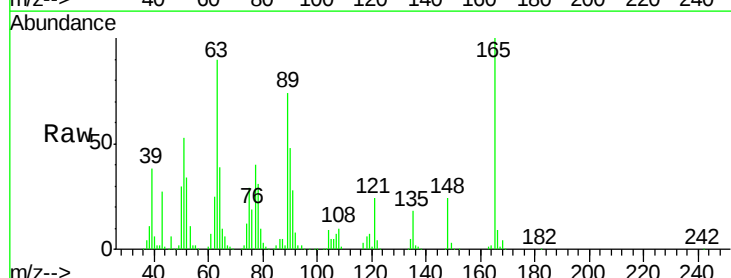
Tgt Ion:165 Resp: 197652

Ion Ratio Lower Upper

165 100

63 89.7 51.8 77.8#

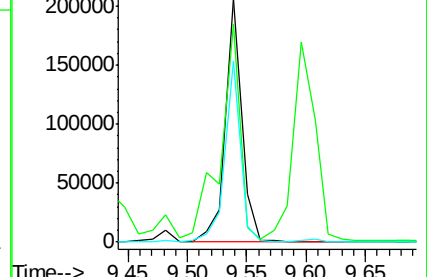
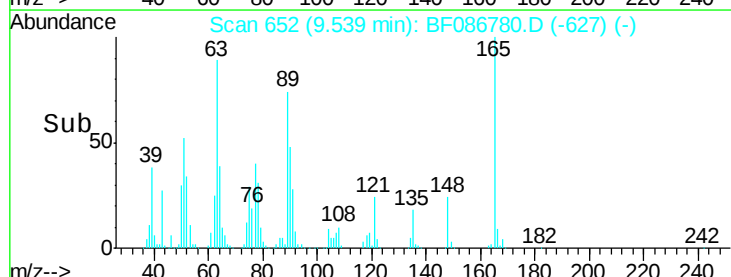
89 74.4 50.7 76.1

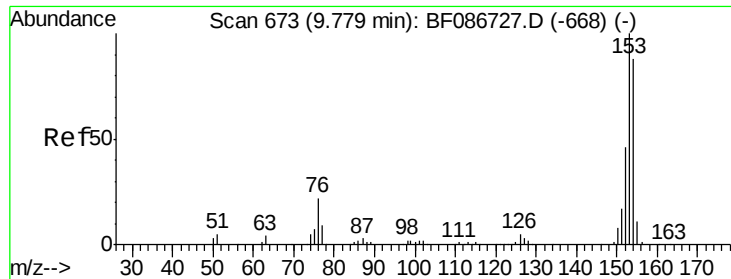


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

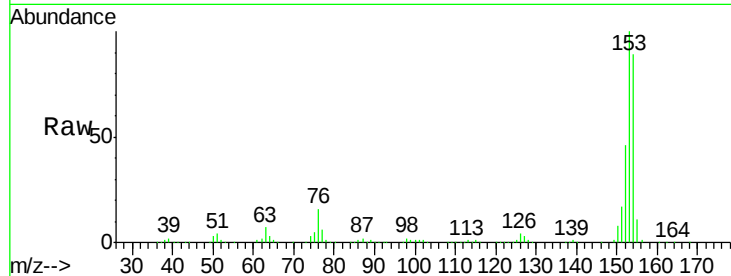




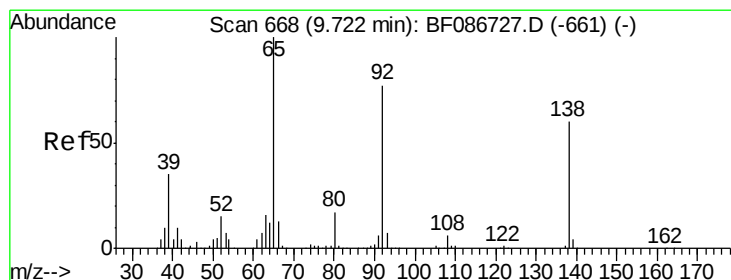
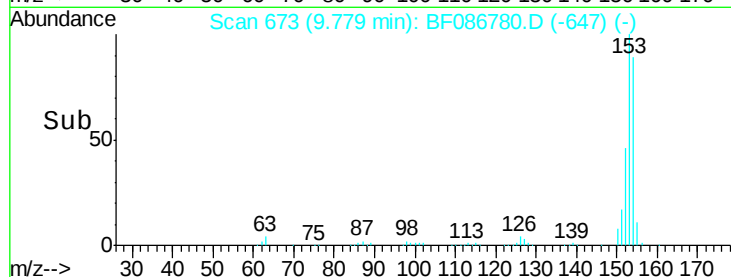
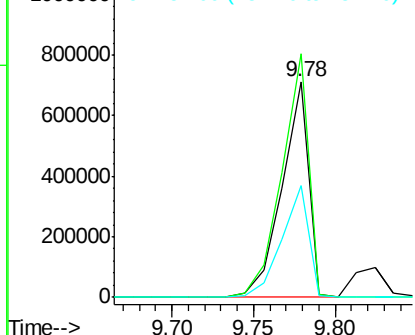
#51
Acenaphthene
Concen: 39.44 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Instrument :
BNA_F
ClientSampleId :
PB90240BS

Tgt Ion:154 Resp: 815987
Ion Ratio Lower Upper
154 100
153 112.8 89.8 134.6
152 52.0 43.4 65.0

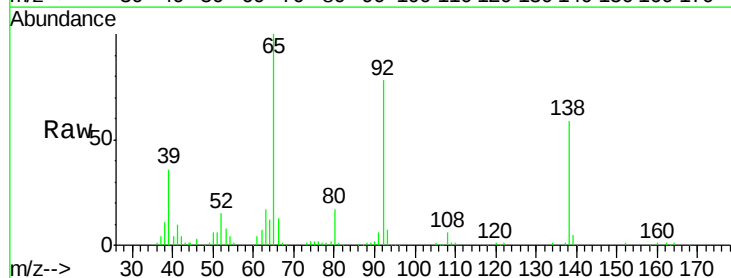


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

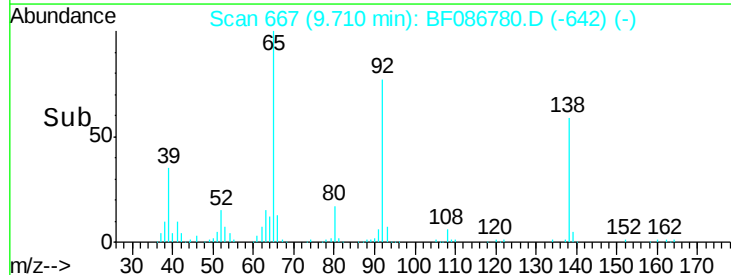
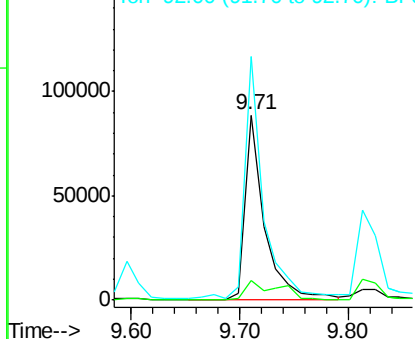


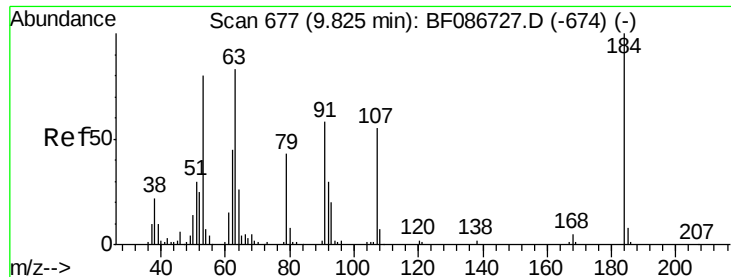
#52
3-Nitroaniline
Concen: 18.15 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion:138 Resp: 110528
Ion Ratio Lower Upper
138 100
108 10.5 7.8 11.6
92 131.7 87.8 131.8



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

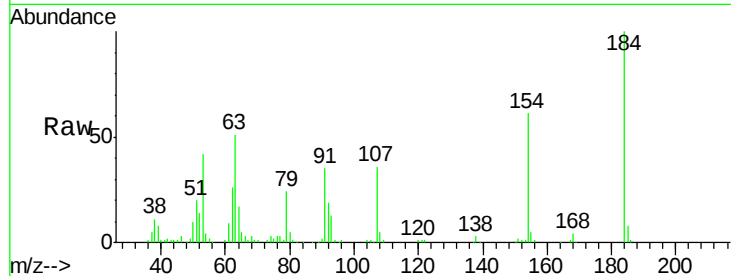




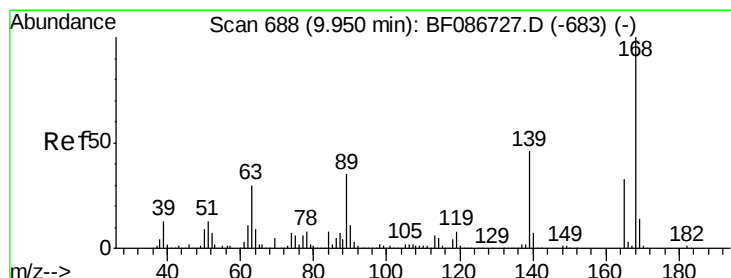
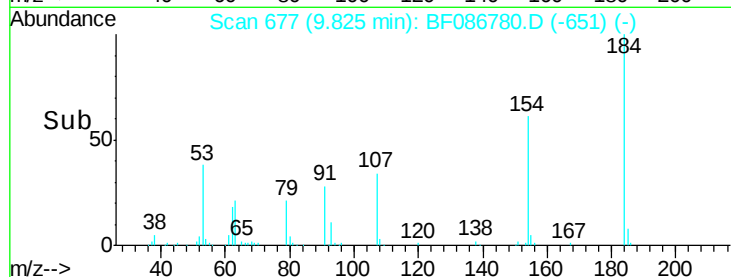
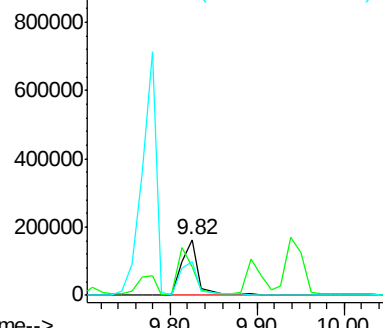
#53
2,4-Dinitrophenol
Concen: 90.94 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Instrument :
BNA_F
ClientSampleId :
PB90240BS

Tgt Ion:184 Resp: 217940
Ion Ratio Lower Upper
184 100
63 51.1 55.8 83.8#
154 61.4 62.4 93.6#

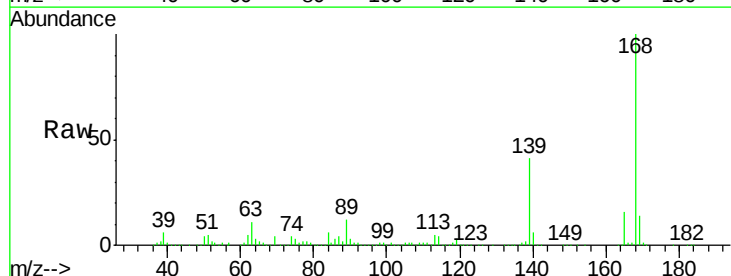


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

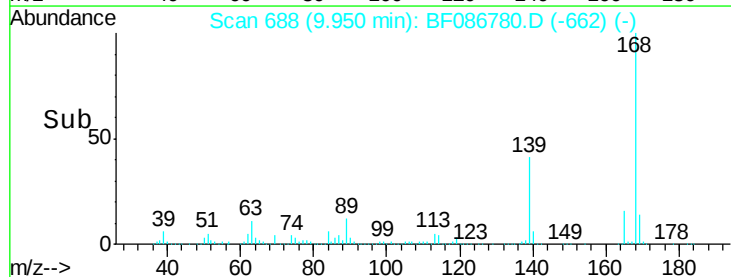
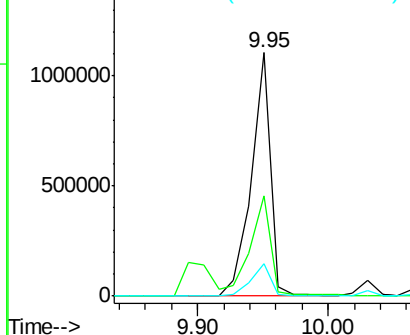


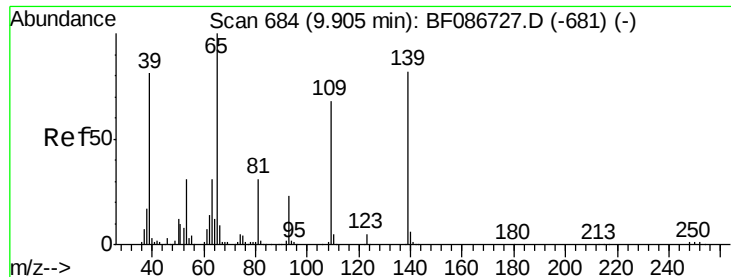
#54
Dibenzofuran
Concen: 44.15 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion:168 Resp: 1132136
Ion Ratio Lower Upper
168 100
139 41.3 31.4 47.0
169 13.5 10.7 16.1



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

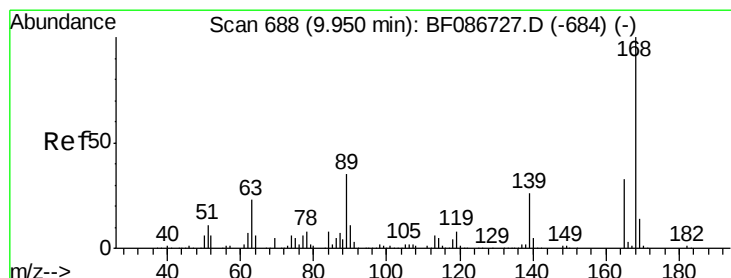
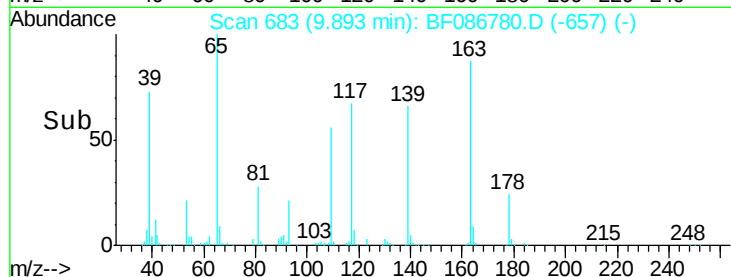
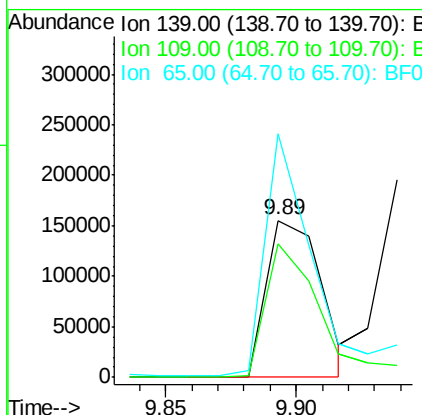
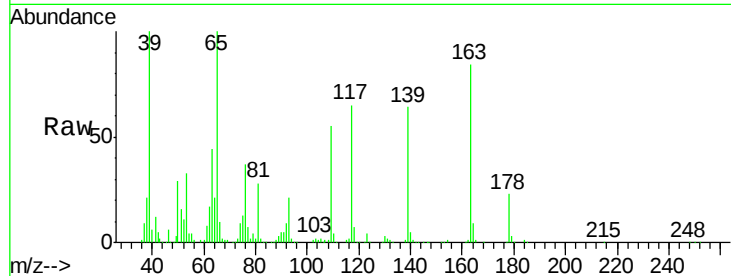




#55
4-Nitrophenol
Concen: 63.29 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

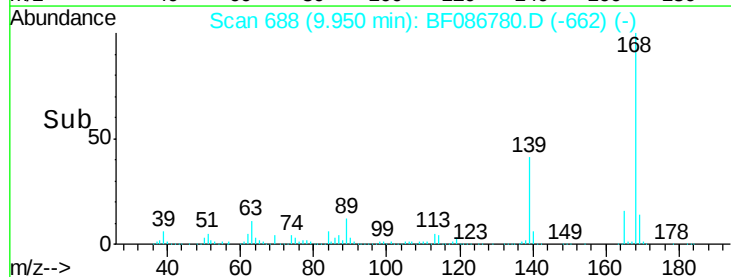
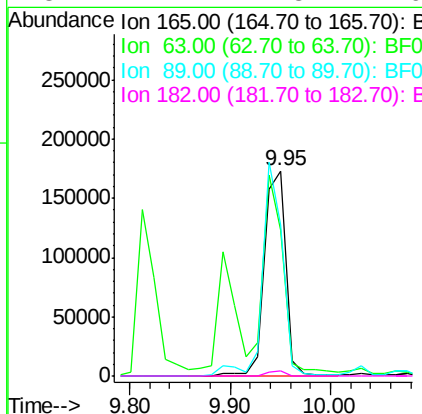
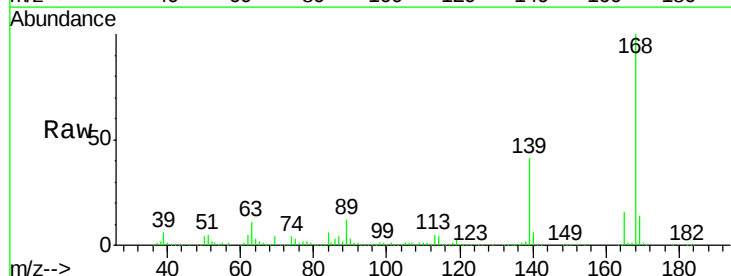
Instrument :
BNA_F
ClientSampleId :
PB90240BS

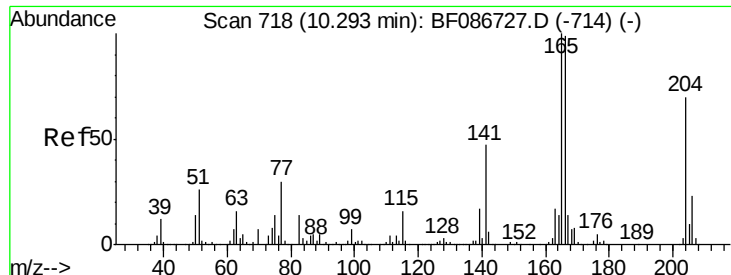
Tgt Ion:139 Resp: 224752
Ion Ratio Lower Upper
139 100
109 85.4 36.9 76.9#
65 155.2 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 38.56 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion:165 Resp: 256041
Ion Ratio Lower Upper
165 100
63 71.3 44.3 66.5#
89 73.7 70.0 105.0
182 2.4 1.8 2.6

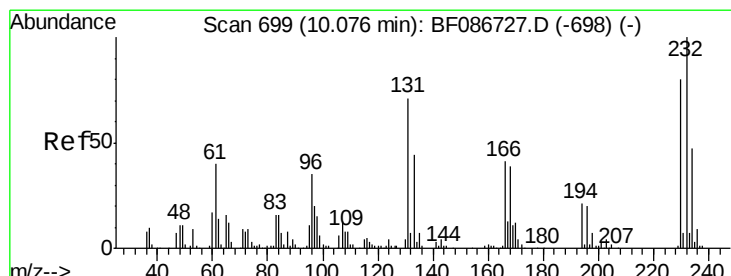
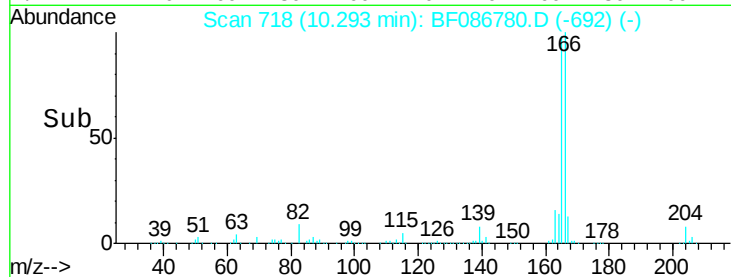
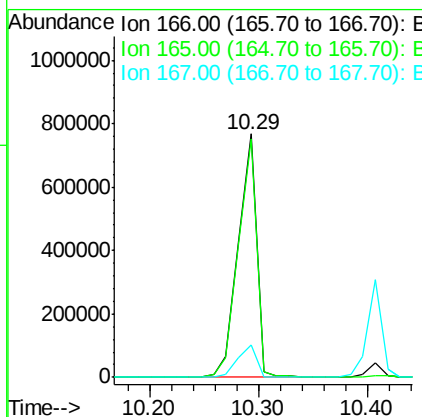
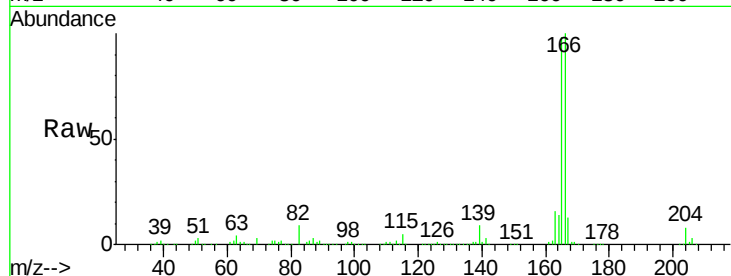




#57
Fluorene
 Concen: 42.97 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

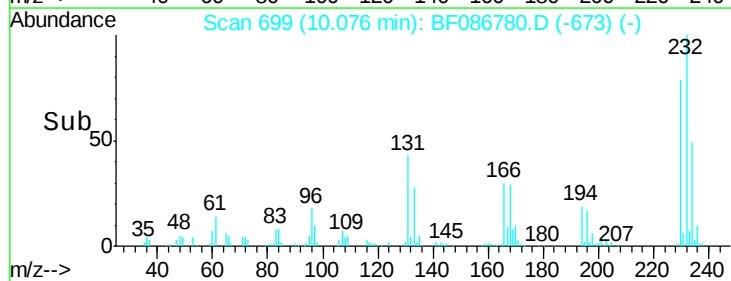
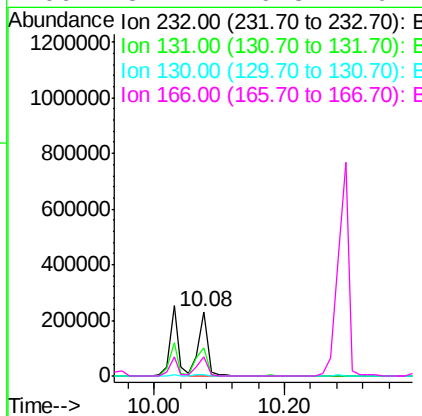
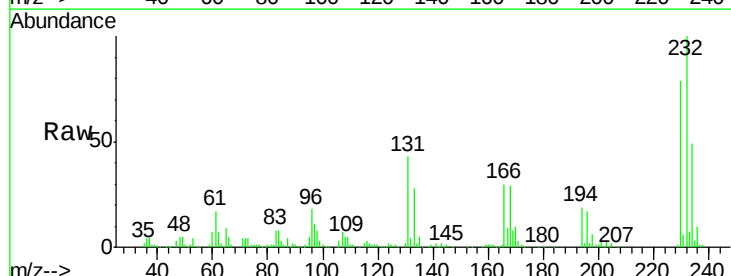
Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

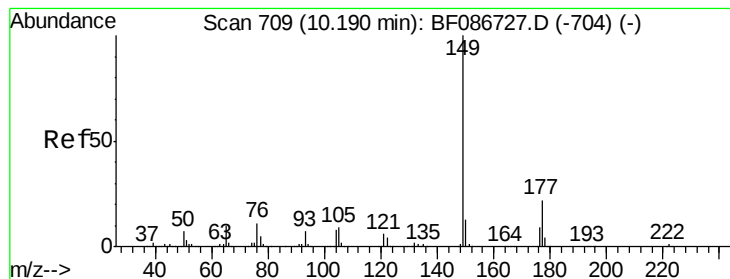
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.0	118.6
167	13.2	10.6	15.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.78 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.2	41.9	62.9
130	2.7	2.2	3.4
166	32.1	26.8	40.2





#59

Diethylphthalate

Concen: 41.97 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

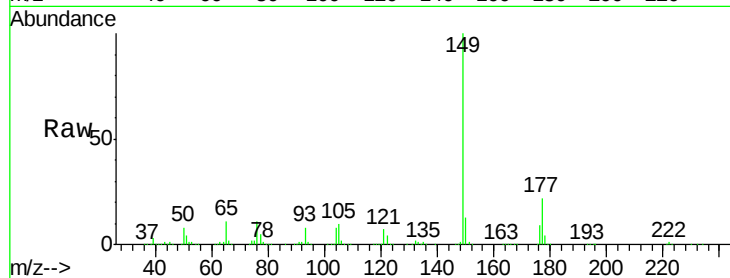
Tgt Ion:149 Resp: 991729

Ion Ratio Lower Upper

149 100

177 22.3 16.6 24.8

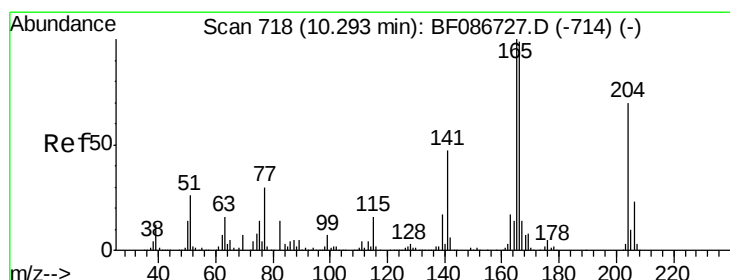
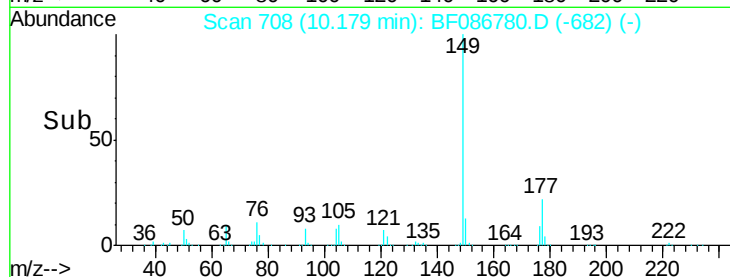
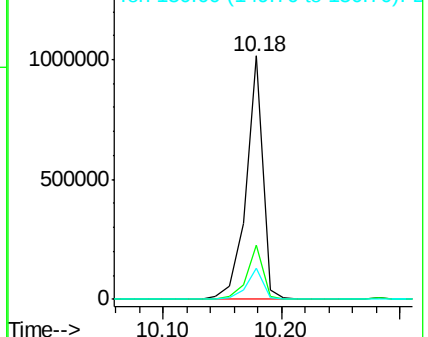
150 12.7 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.83 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

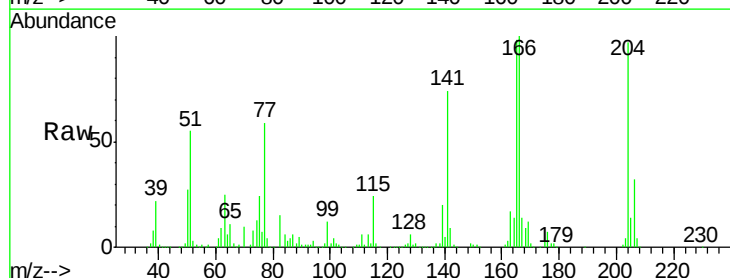
Tgt Ion:204 Resp: 373784

Ion Ratio Lower Upper

204 100

206 33.1 25.4 38.0

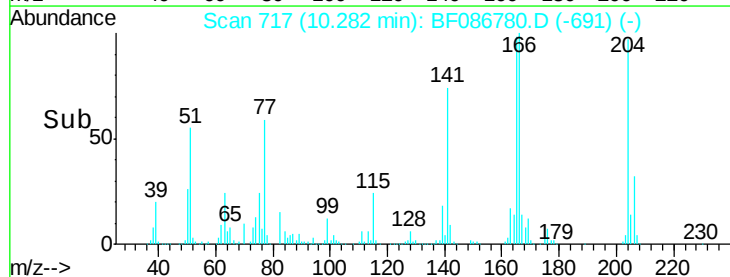
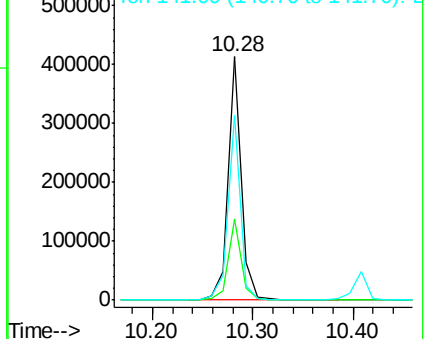
141 75.8 61.6 92.4

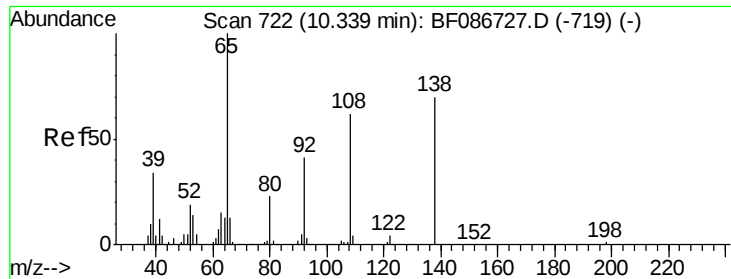


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

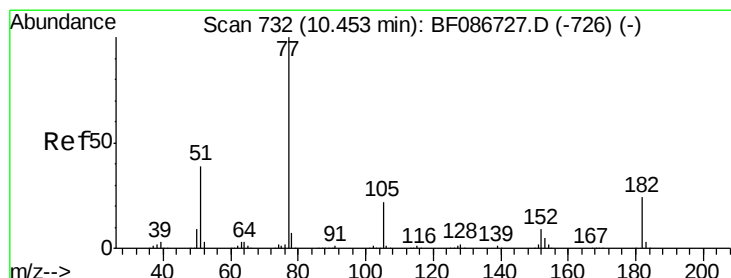
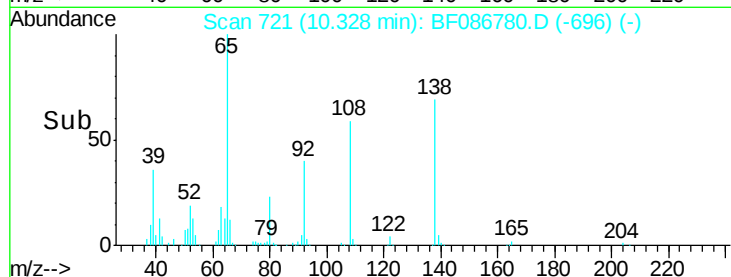
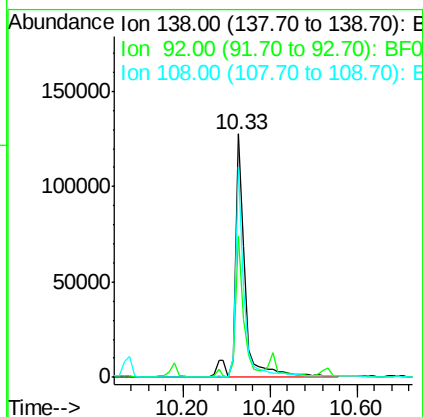
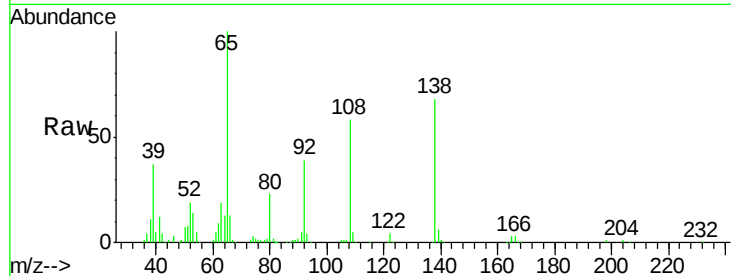




#61
4-Nitroaniline
Concen: 33.67 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

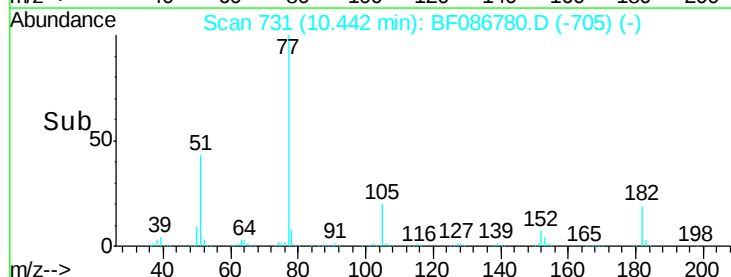
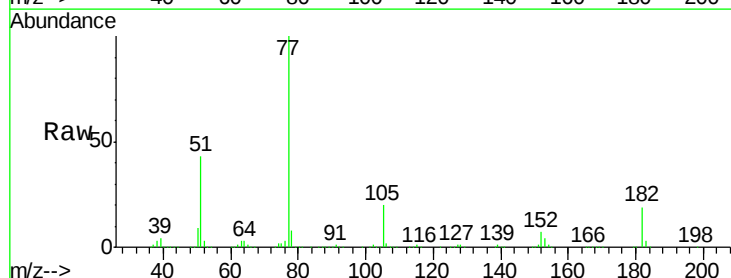
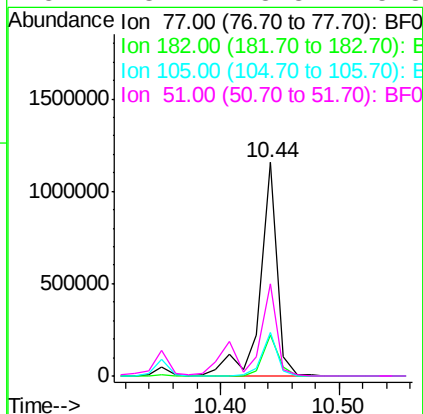
Instrument :
BNA_F
ClientSampleId :
PB90240BS

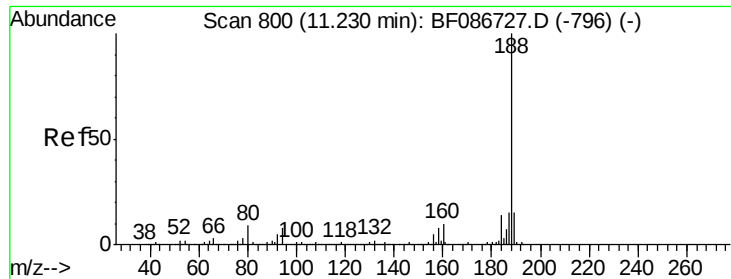
Tgt Ion:138 Resp: 197081
Ion Ratio Lower Upper
138 100
92 58.1 24.7 64.7
108 86.2 37.4 77.4#



#62
Azobenzene
Concen: 43.70 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion: 77 Resp: 1144184
Ion Ratio Lower Upper
77 100
182 19.0 0.0 38.8
105 20.4 3.2 43.2
51 43.1 8.8 48.8

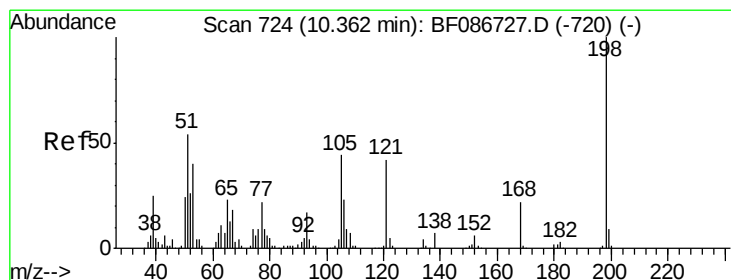
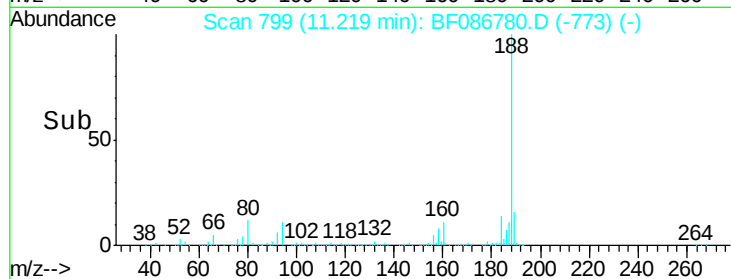
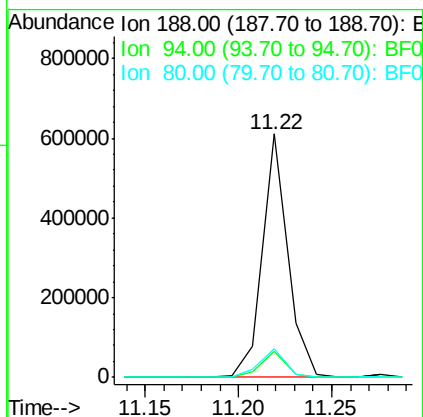
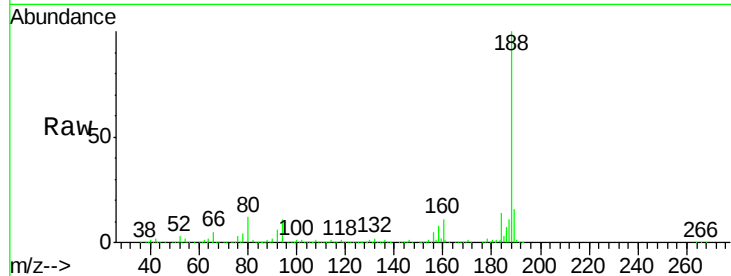




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

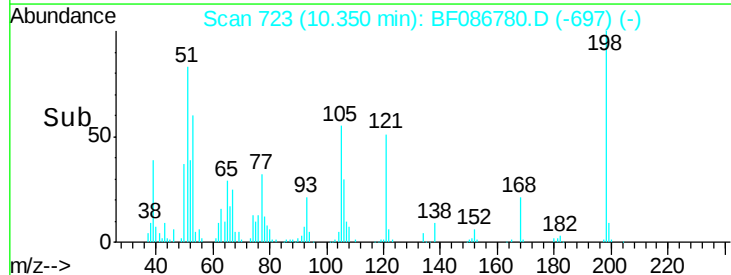
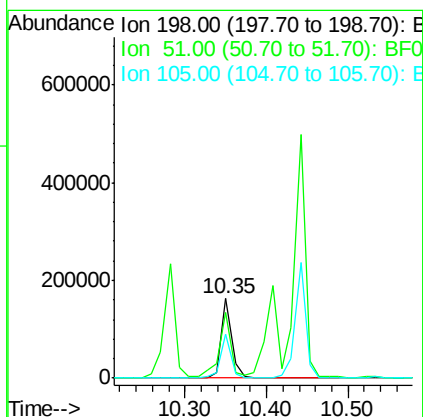
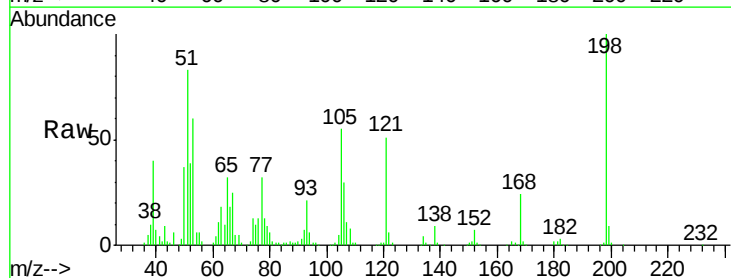
Instrument :
BNA_F
ClientSampleId :
PB90240BS

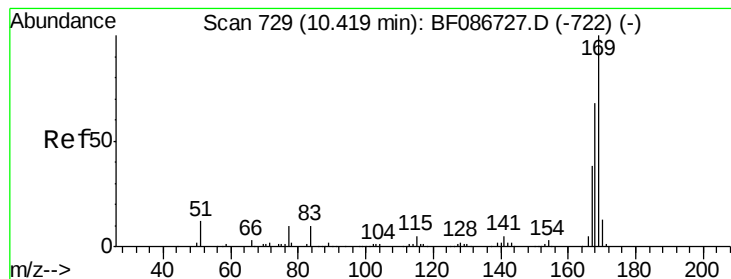
Tgt Ion:188 Resp: 573785
Ion Ratio Lower Upper
188 100
94 10.9 6.8 10.2#
80 11.9 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 49.99 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion:198 Resp: 147161
Ion Ratio Lower Upper
198 100
51 83.5 20.5 60.5#
105 54.7 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 41.93 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

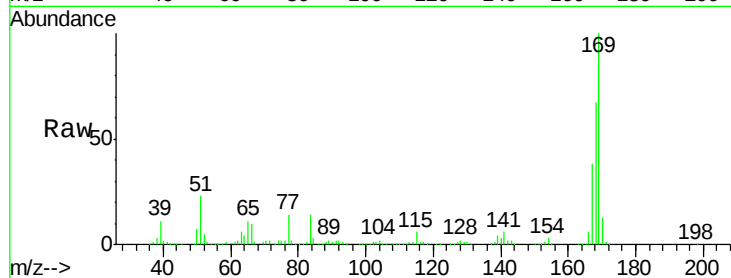
Tgt Ion:169 Resp: 764004

Ion Ratio Lower Upper

169 100

168 67.2 53.8 80.6

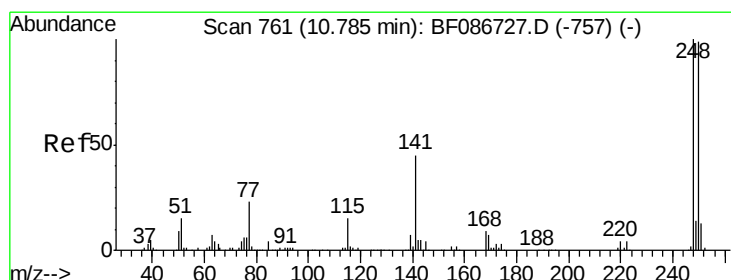
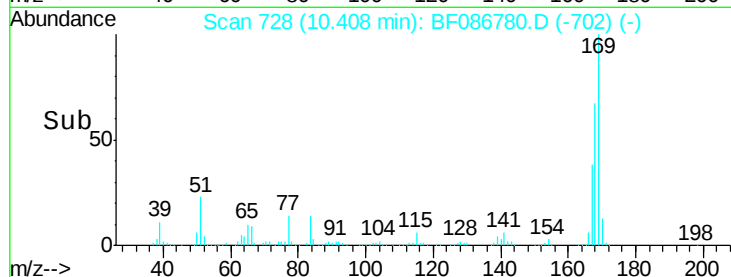
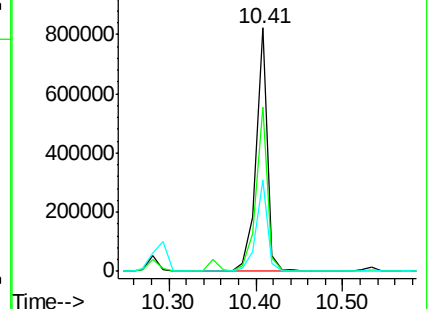
167 37.6 29.5 44.3



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: 44.71 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

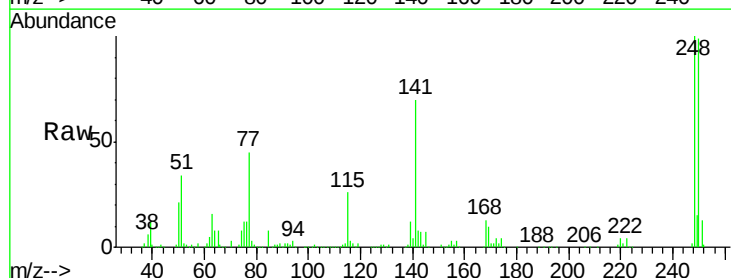
Tgt Ion:248 Resp: 254949

Ion Ratio Lower Upper

248 100

250 99.1 78.6 117.8

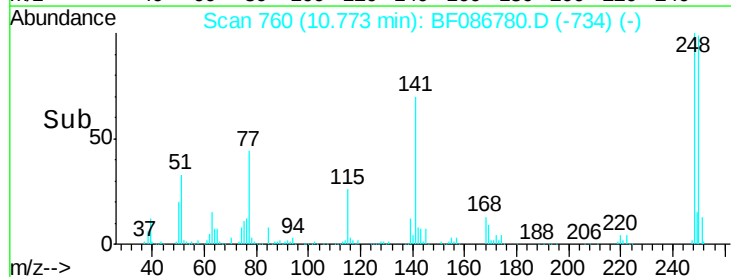
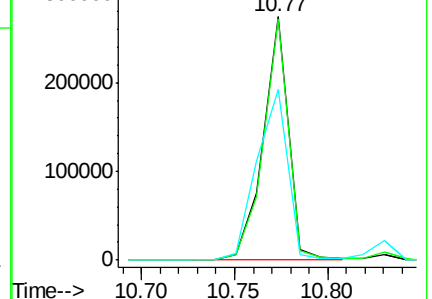
141 70.3 76.0 114.0#

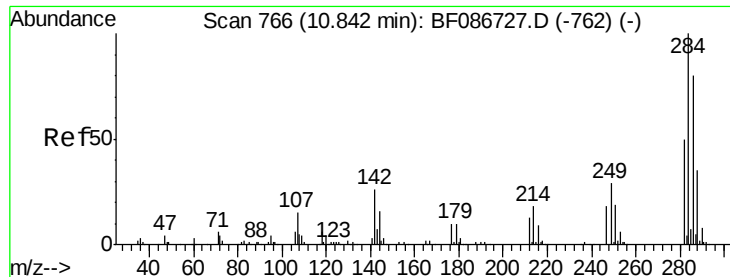


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

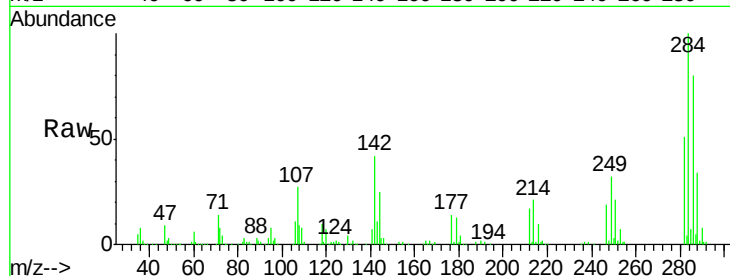




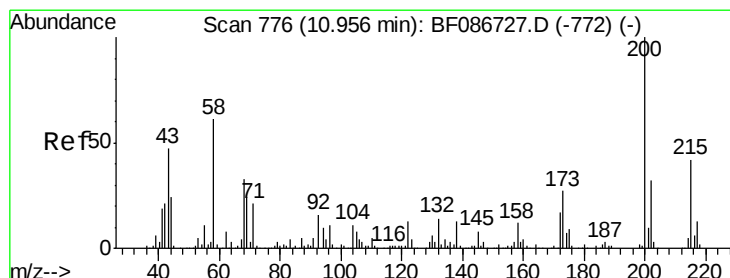
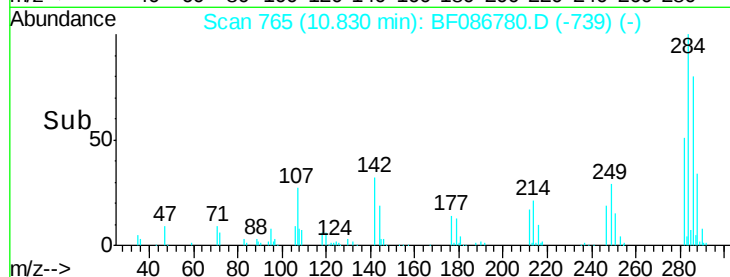
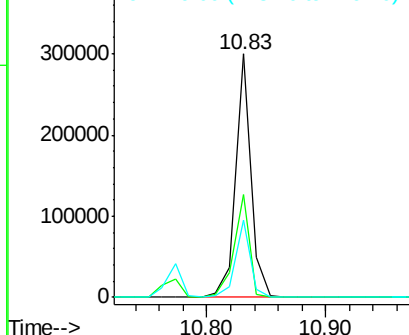
#67
Hexachlorobenzene
Concen: 38.89 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Instrument :
BNA_F
ClientSampleId :
PB90240BS

Tgt Ion:284 Resp: 270407
Ion Ratio Lower Upper
284 100
142 42.1 16.7 25.1#
249 31.7 21.3 31.9

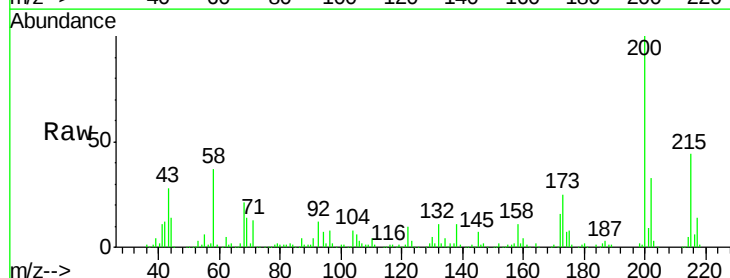


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

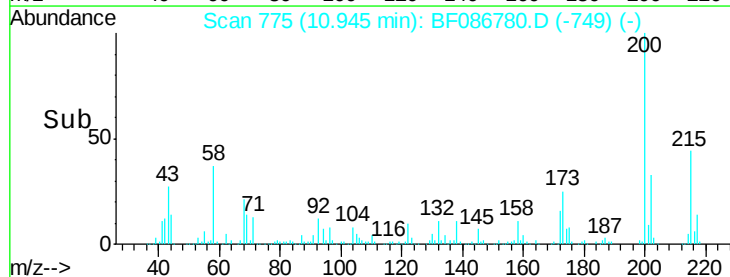
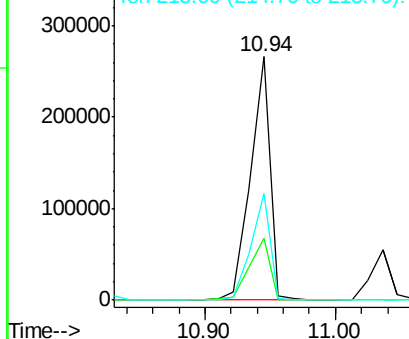


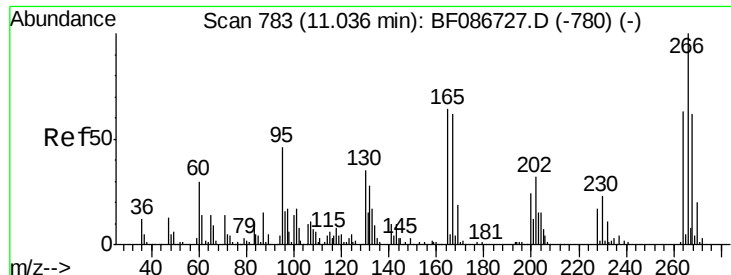
#68
Atrazine
Concen: 49.59 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion:200 Resp: 276890
Ion Ratio Lower Upper
200 100
173 25.3 8.5 48.5
215 43.8 27.2 67.2



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

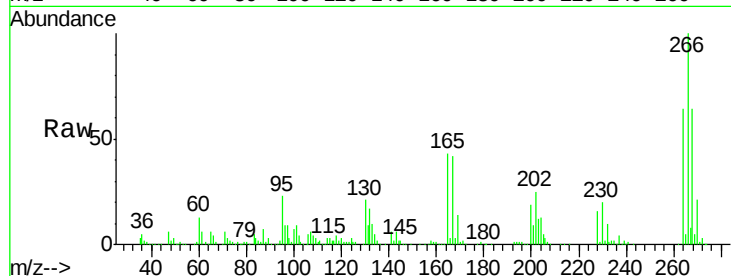




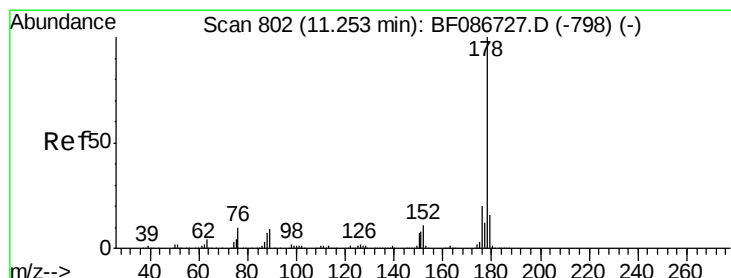
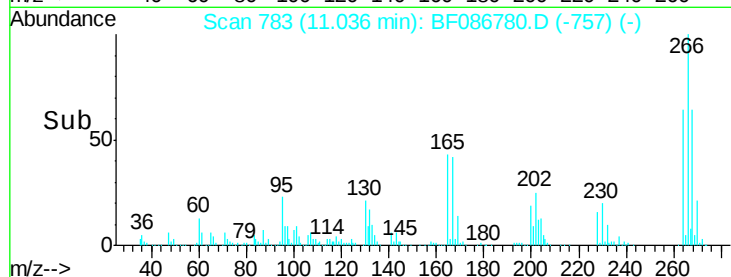
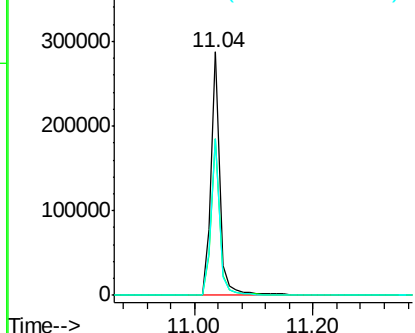
#69
 Pentachlorophenol
 Concen: 88.60 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

Tgt Ion:266 Resp: 301242
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.5 77.3
 264 64.1 52.9 79.3

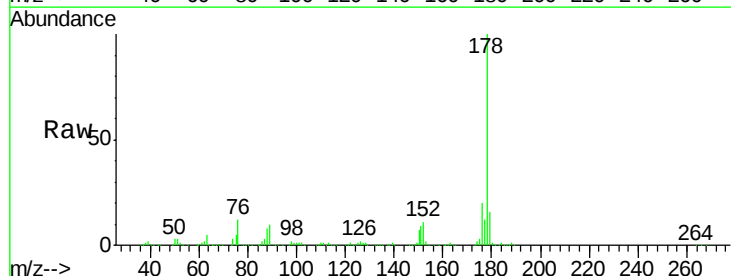


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

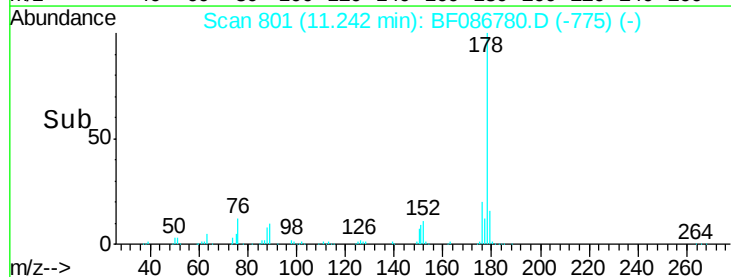
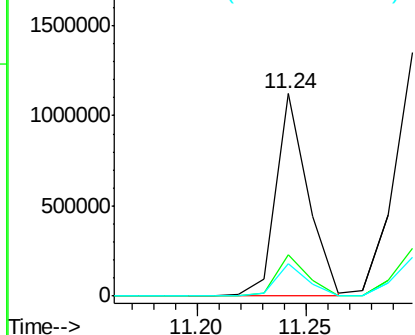


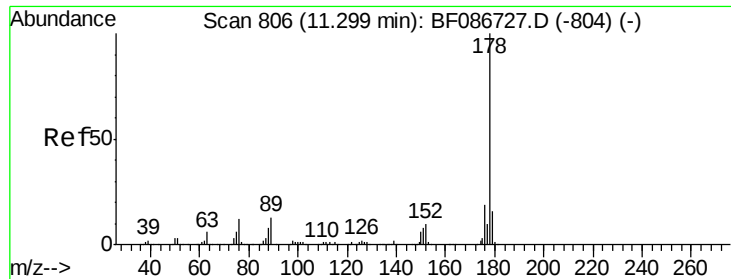
#70
 Phenanthrene
 Concen: 37.52 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion:178 Resp: 1156227
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.0 24.0
 179 16.2 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

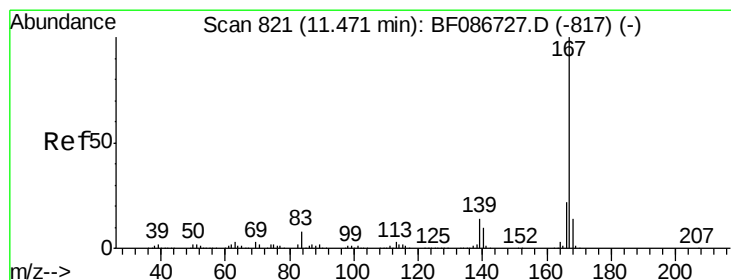
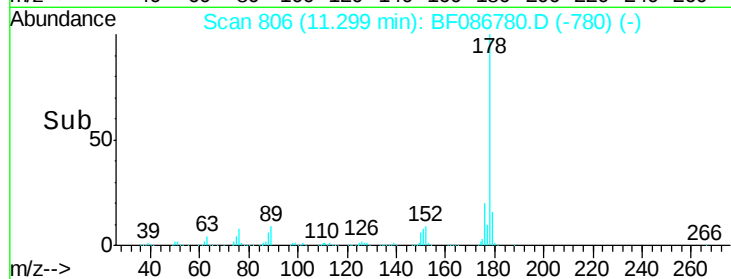
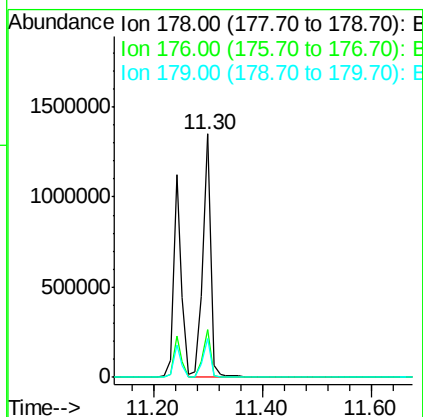
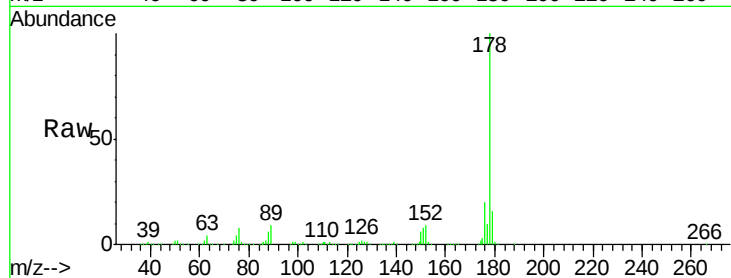




#71
 Anthracene
 Concen: 41.65 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

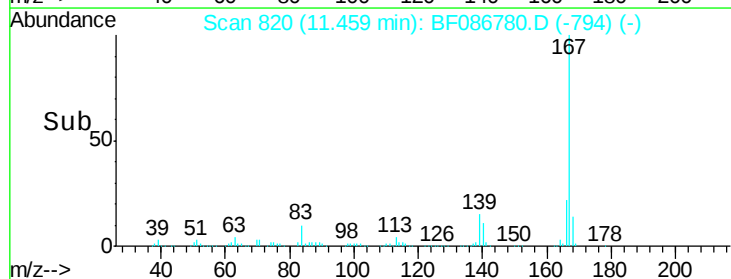
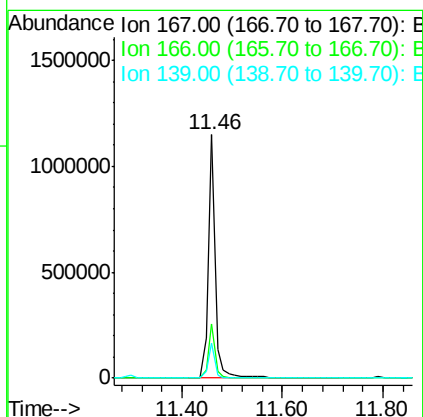
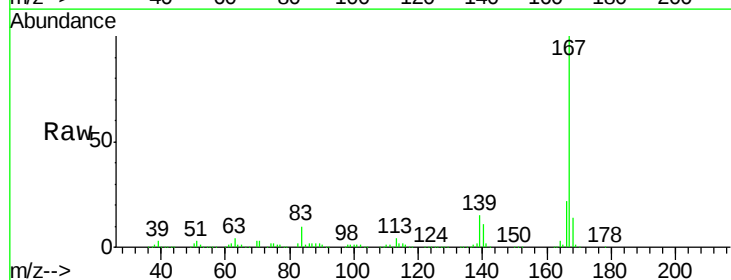
Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

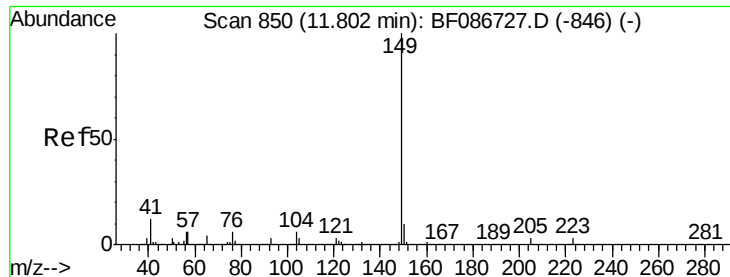
Tgt Ion:178 Resp: 1344329
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.6 23.4
 179 15.9 12.7 19.1



#72
 Carbazole
 Concen: 39.57 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion:167 Resp: 1109064
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 14.5 10.8 16.2





#73

Di-n-butylphthalate

Concen: 40.77 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

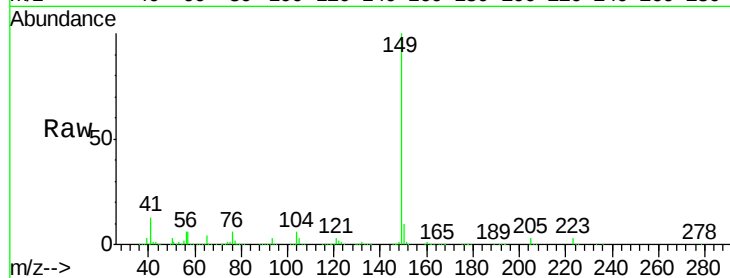
Tgt Ion:149 Resp: 1356576

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

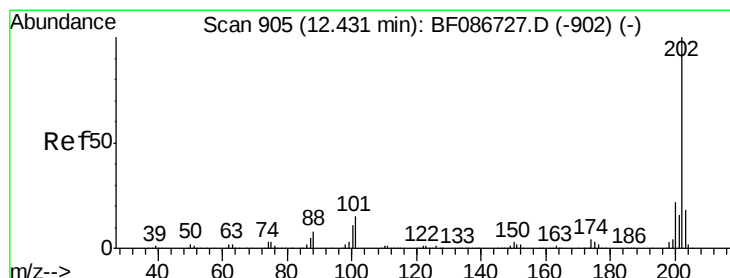
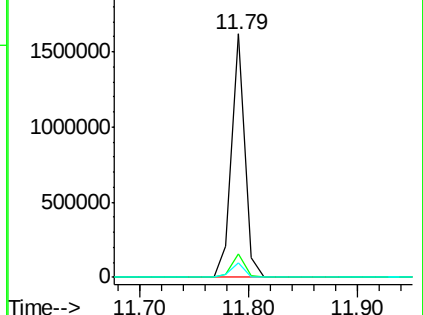
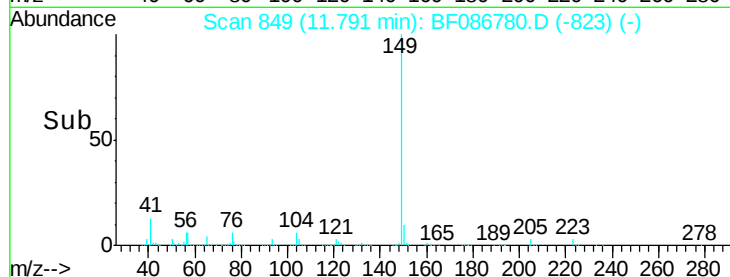
104 6.0 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.56 ng

RT: 12.43 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

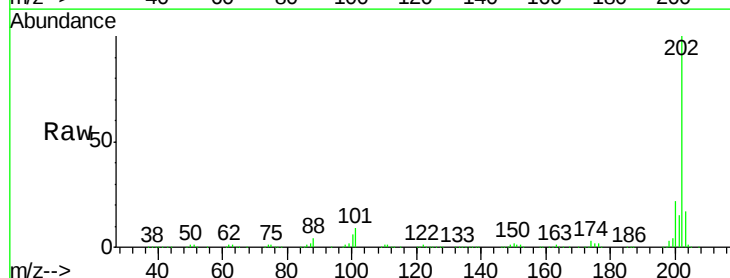
Tgt Ion:202 Resp: 1314588

Ion Ratio Lower Upper

202 100

101 8.6 0.0 35.4

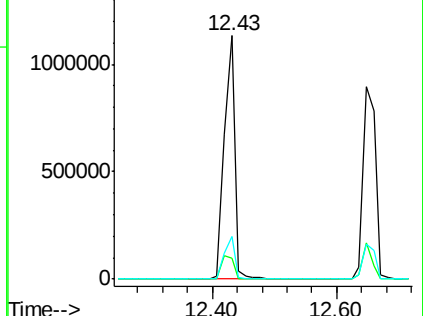
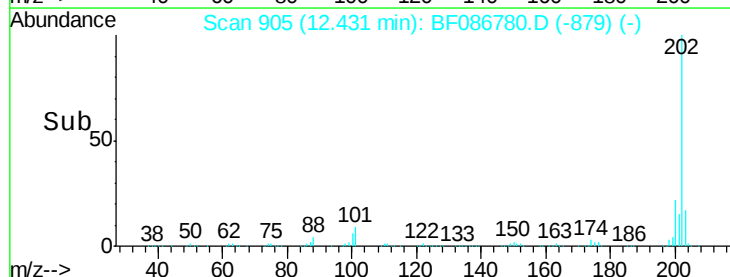
203 17.5 0.0 38.1

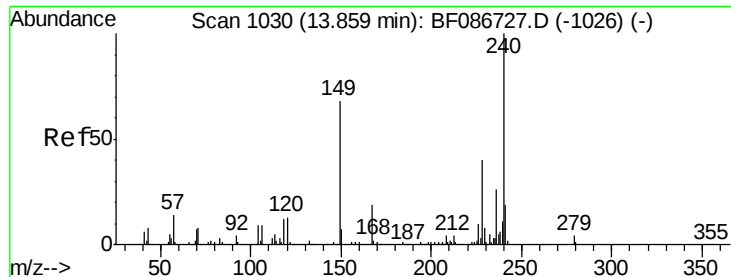


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

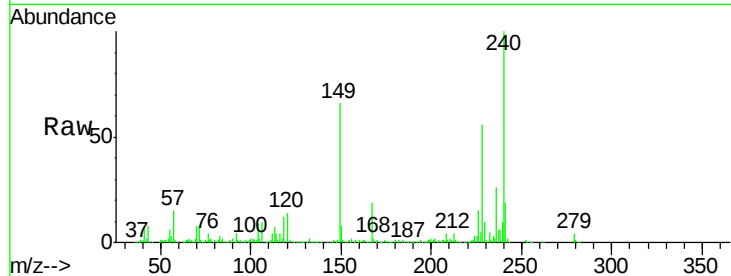
Tgt Ion:240 Resp: 396445

Ion Ratio Lower Upper

240 100

120 13.6 11.2 16.8

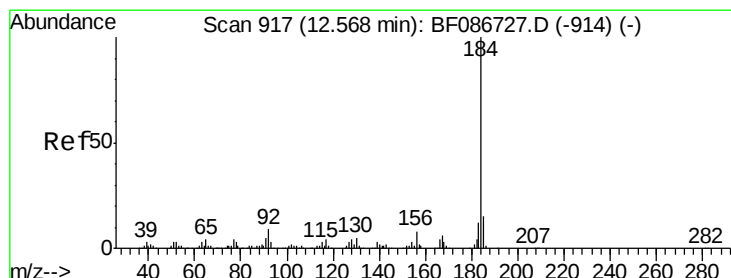
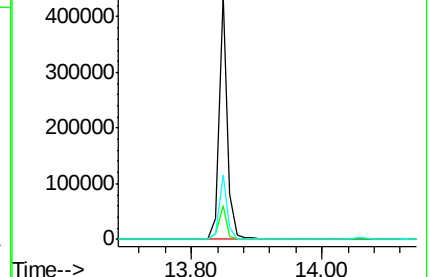
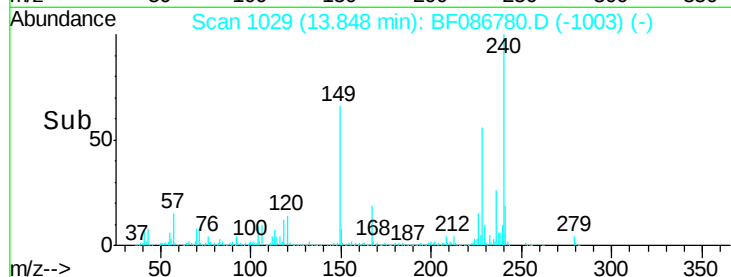
236 26.5 21.2 31.8



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: 32.21 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

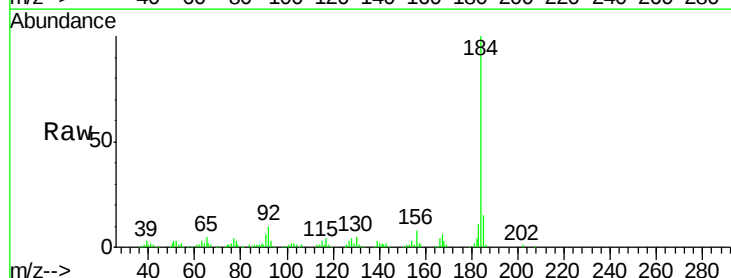
Tgt Ion:184 Resp: 320121

Ion Ratio Lower Upper

184 100

185 14.9 13.6 20.4

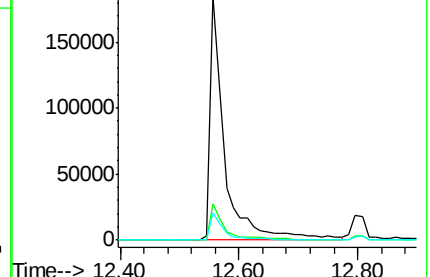
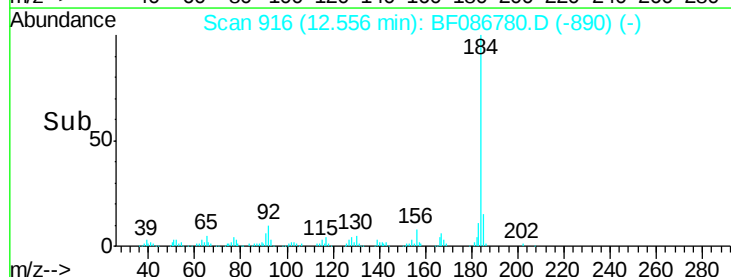
183 11.3 9.8 14.6

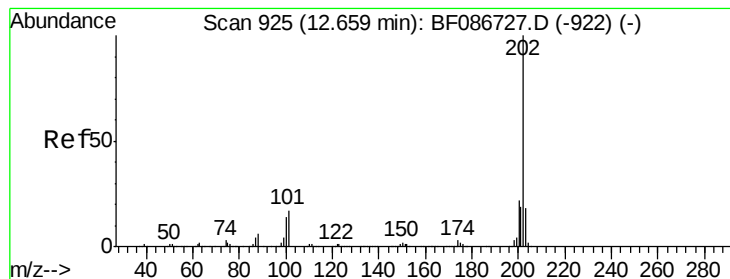


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.45 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

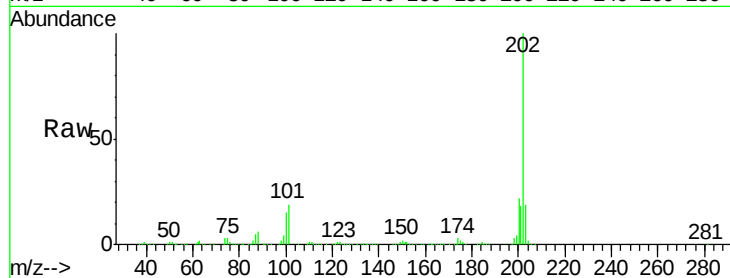
Tgt Ion:202 Resp: 1215110

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

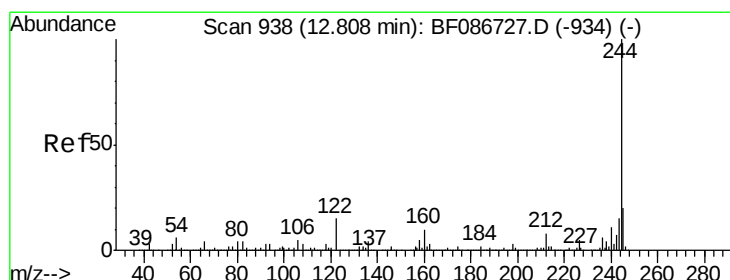
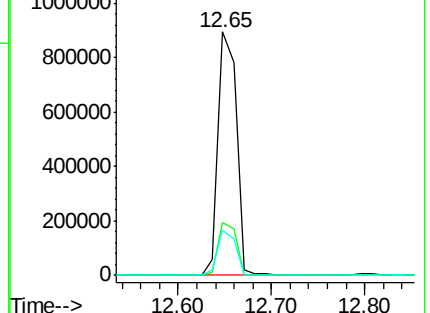
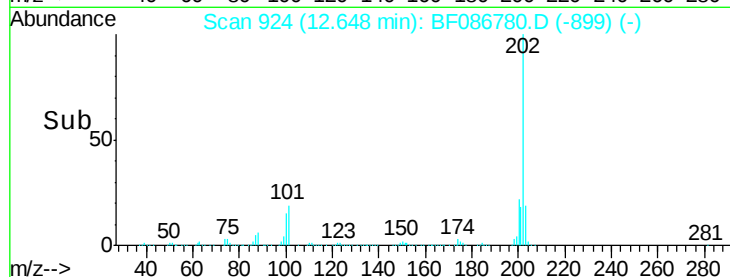
203 18.5 14.2 21.4



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: 80.91 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

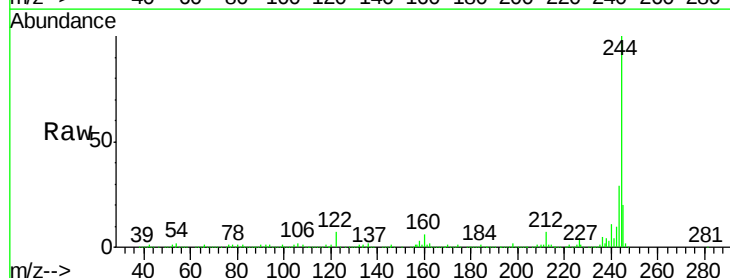
Tgt Ion:244 Resp: 1587071

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

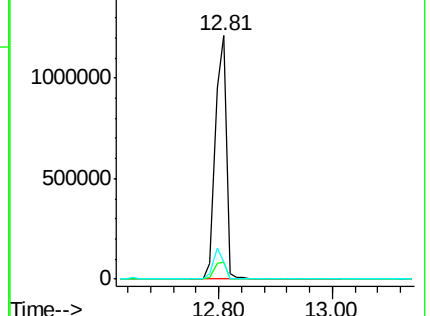
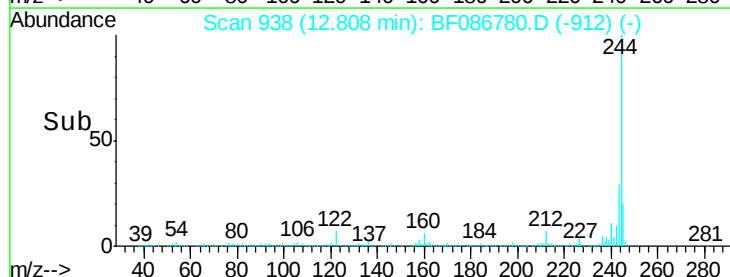
122 7.2 12.0 18.0#

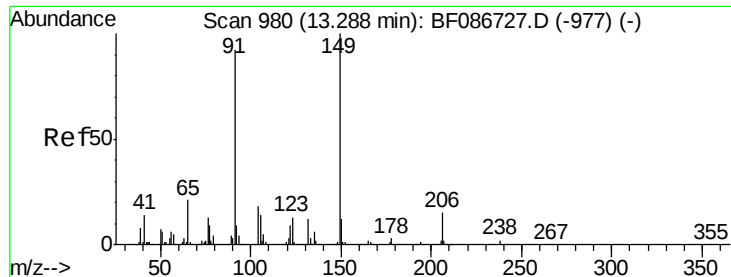


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.05 ng

RT: 13.28 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

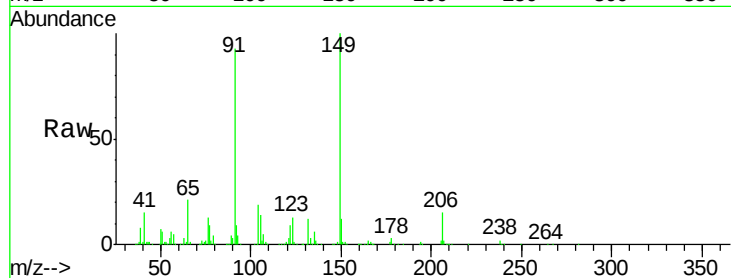
Tgt Ion:149 Resp: 543426

Ion Ratio Lower Upper

149 100

91 92.7 48.0 72.0#

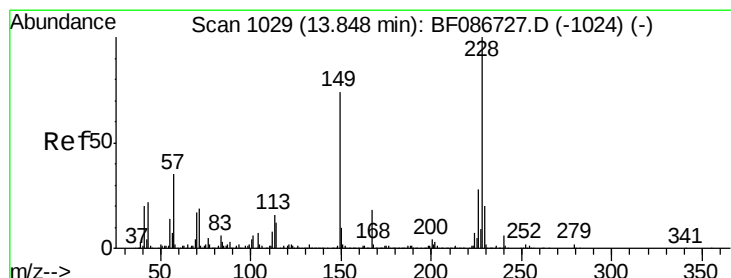
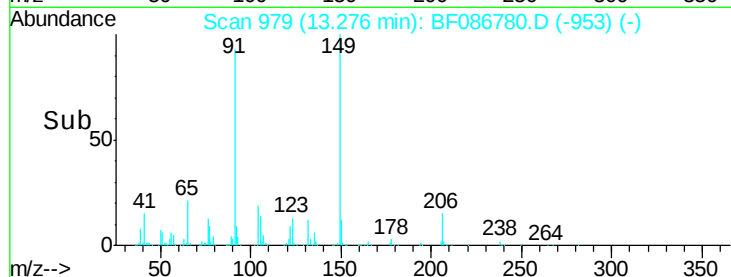
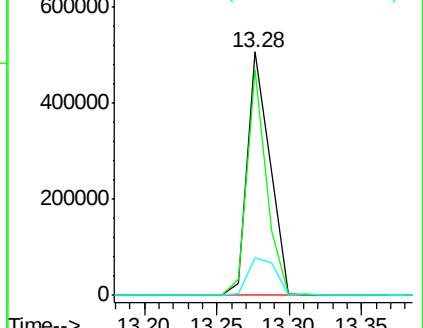
206 15.4 15.8 23.6#



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: 38.86 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

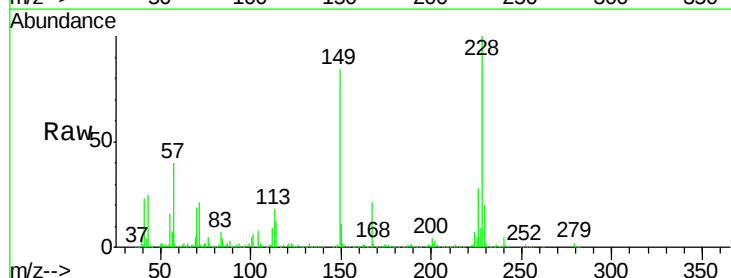
Tgt Ion:228 Resp: 871308

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

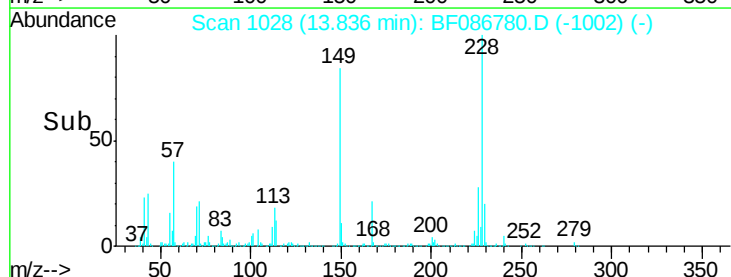
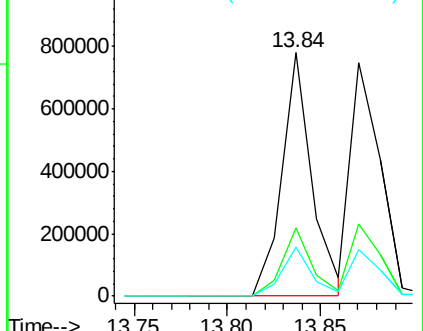
229 20.1 16.6 25.0

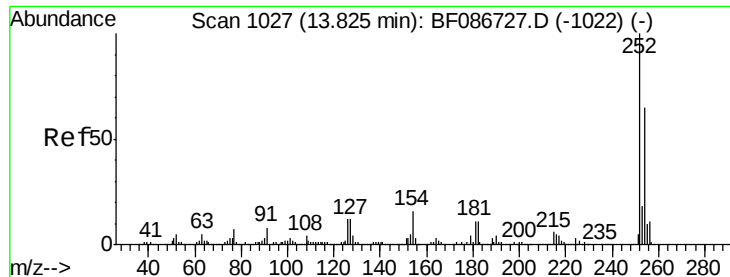


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 11.55 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

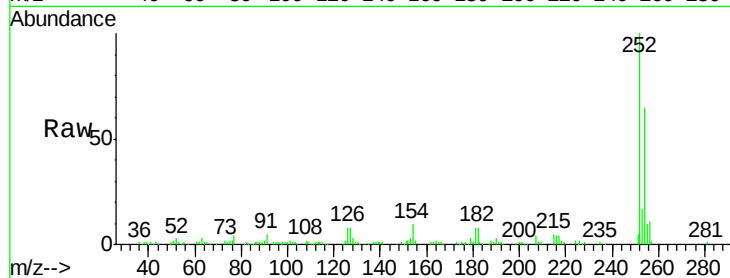
Tgt Ion:252 Resp: 162696

Ion Ratio Lower Upper

252 100

254 64.5 50.7 76.1

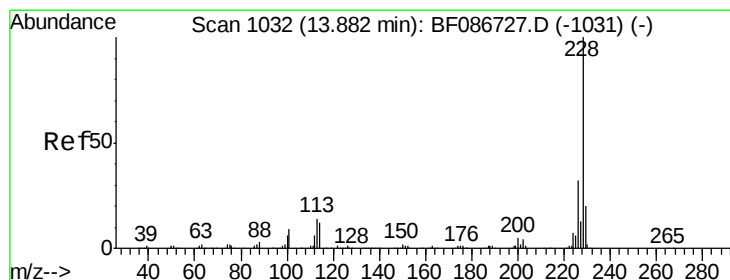
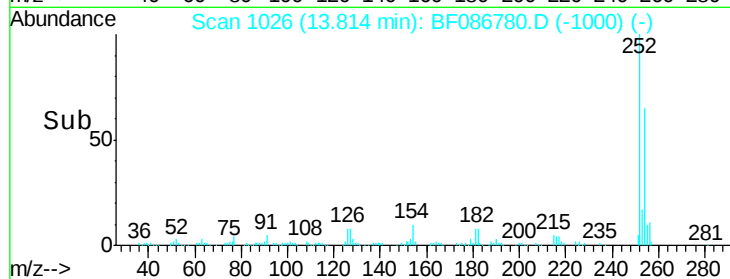
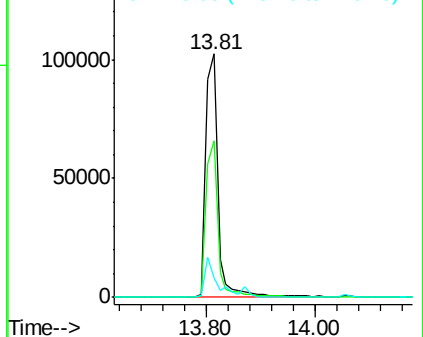
126 8.2 12.7 19.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 35.80 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

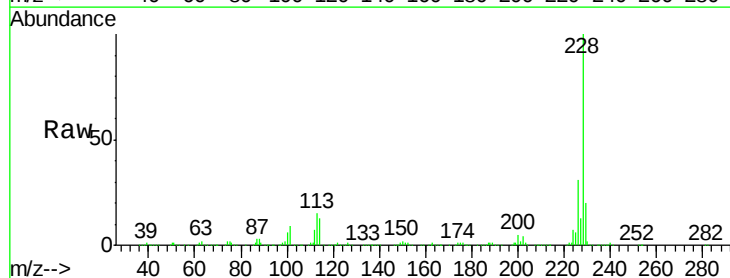
Tgt Ion:228 Resp: 856398

Ion Ratio Lower Upper

228 100

226 31.1 24.4 36.6

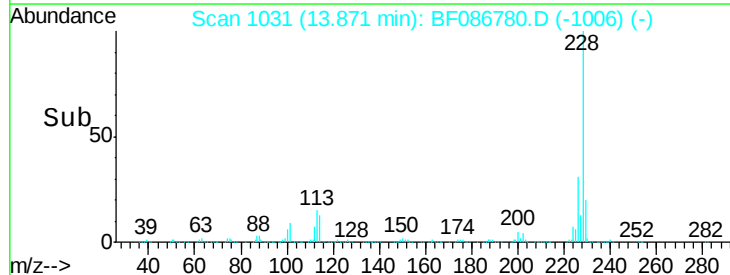
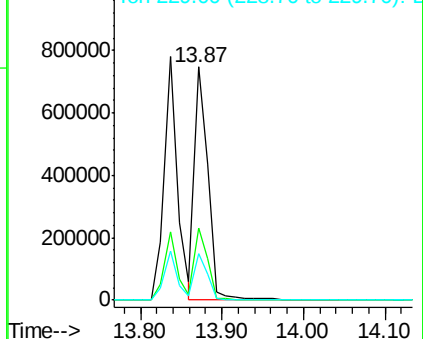
229 20.2 15.8 23.8

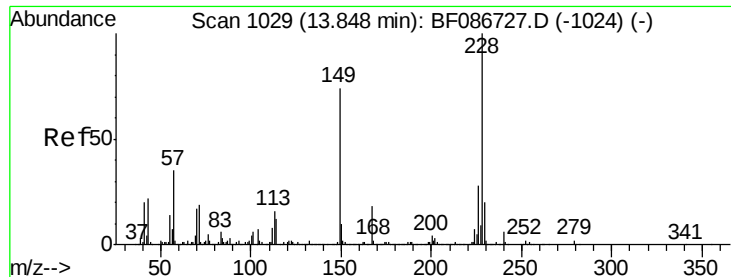


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

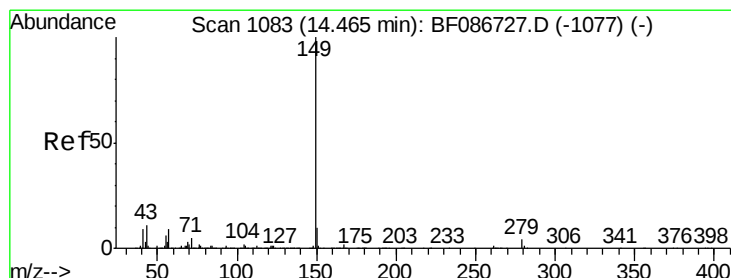
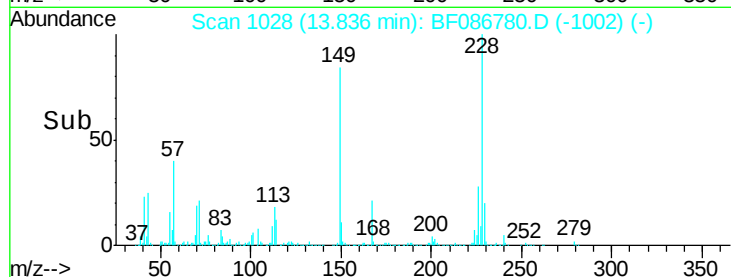
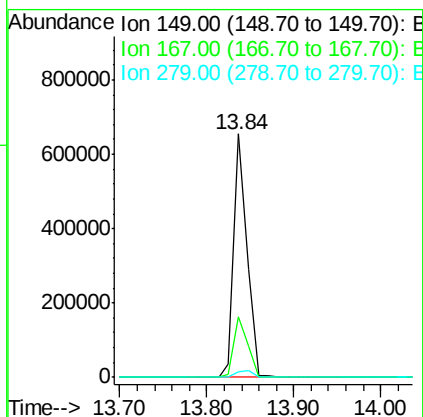
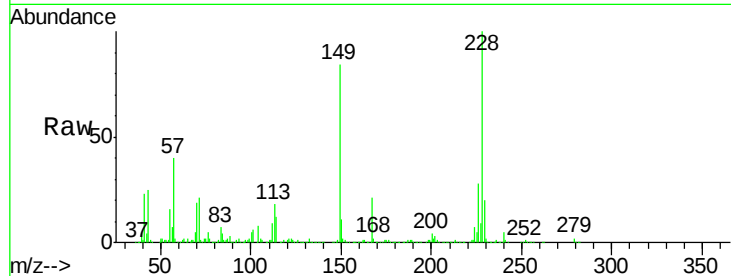




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.43 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

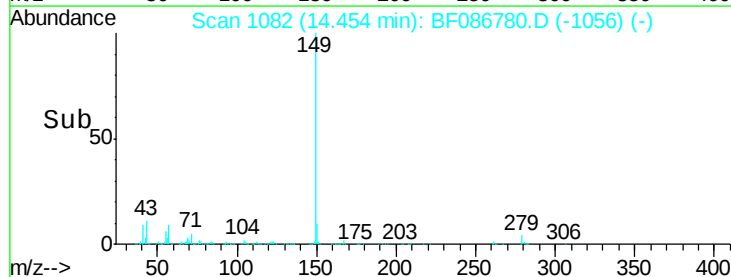
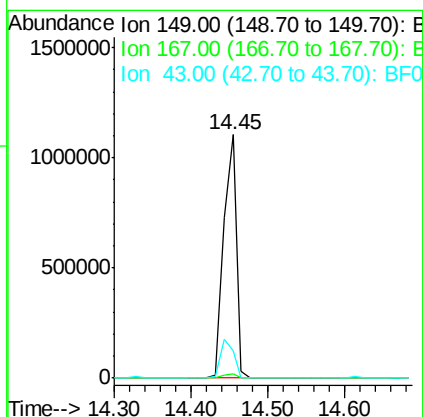
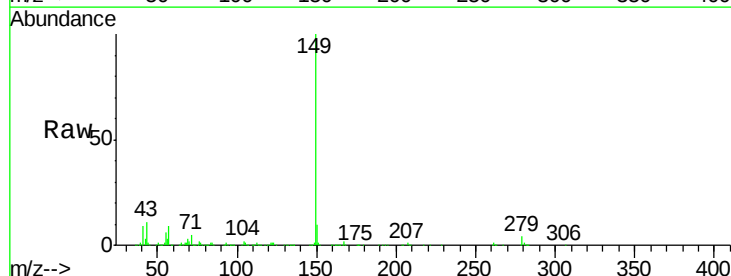
Instrument :
 BNA_F
 ClientSampleId :
 PB90240BS

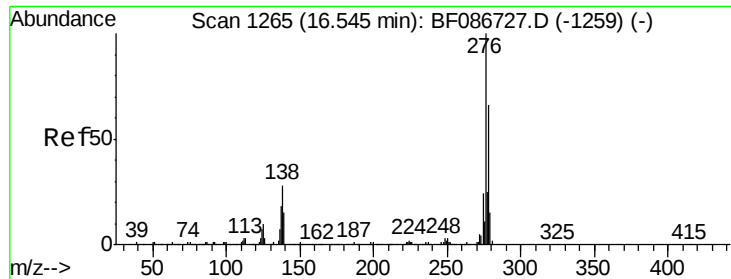
Tgt Ion:149 Resp: 680673
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.8 32.6
 279 2.1 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 57.48 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: BF086780.D
 Acq: 7 May 2016 18:08

Tgt Ion:149 Resp: 1295645
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 16.3 8.2 12.4#

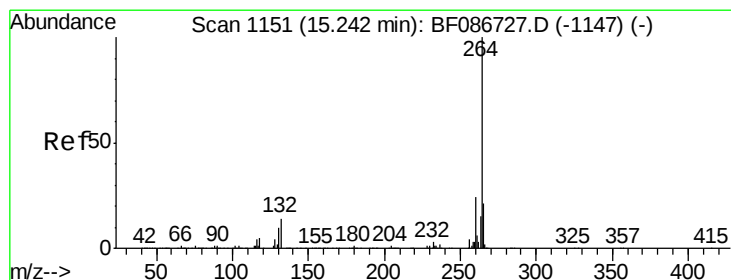
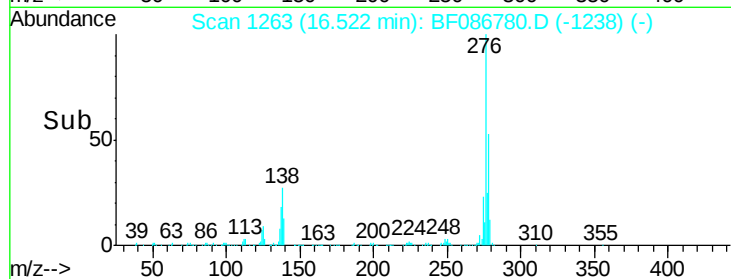
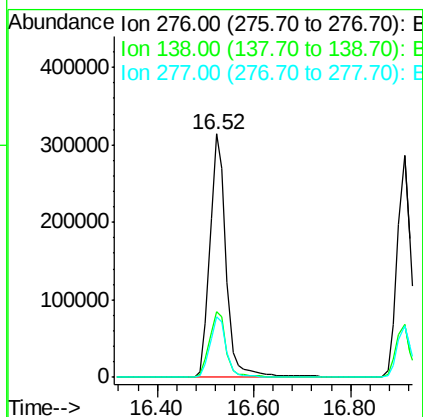
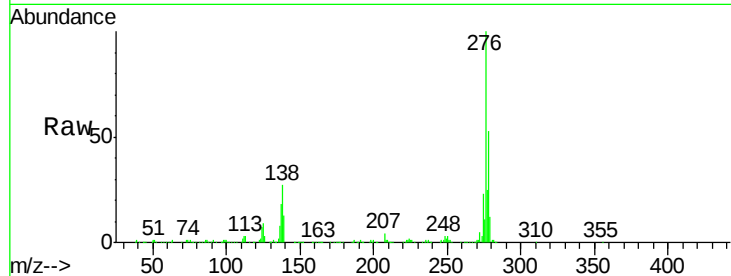




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.59 ng
RT: 16.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

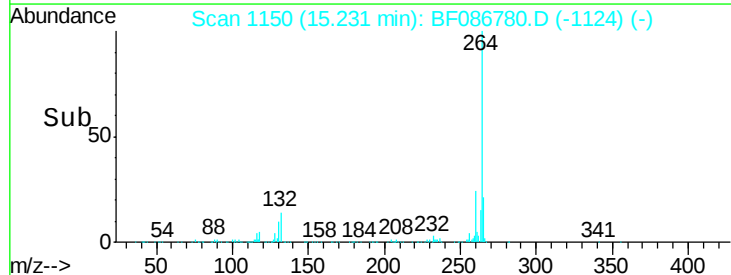
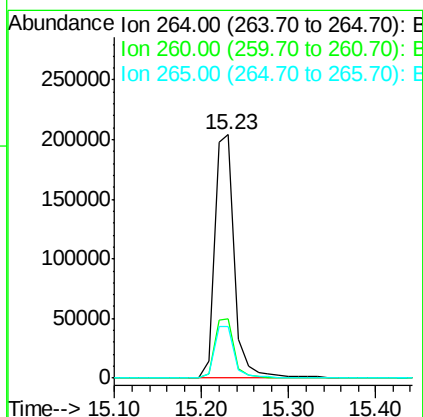
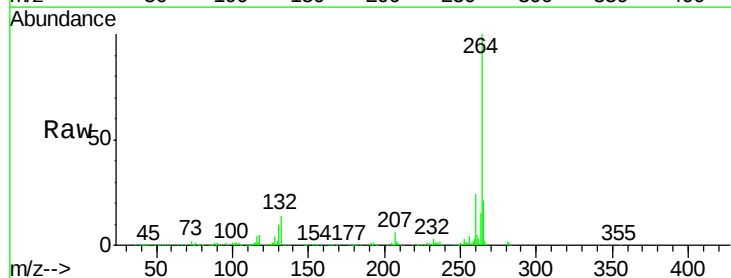
Instrument :
BNA_F
ClientSampleId :
PB90240BS

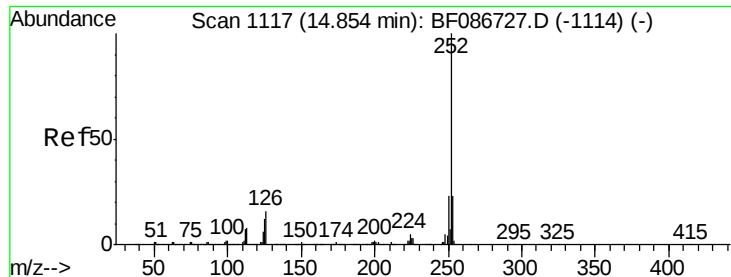
Tgt Ion: 276 Resp: 750940
Ion Ratio Lower Upper
276 100
138 28.2 25.6 38.4
277 25.3 20.5 30.7



#86
Perylene-d12
Concen: 40.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion: 264 Resp: 327109
Ion Ratio Lower Upper
264 100
260 24.5 19.5 29.3
265 21.4 17.3 25.9

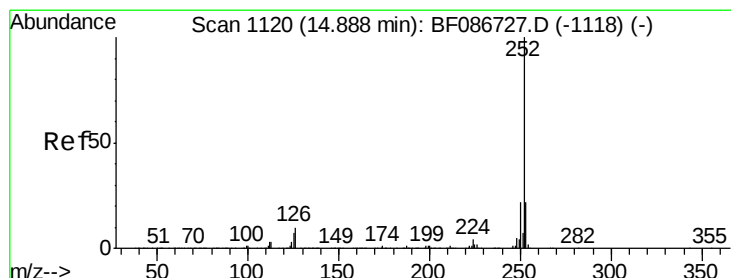
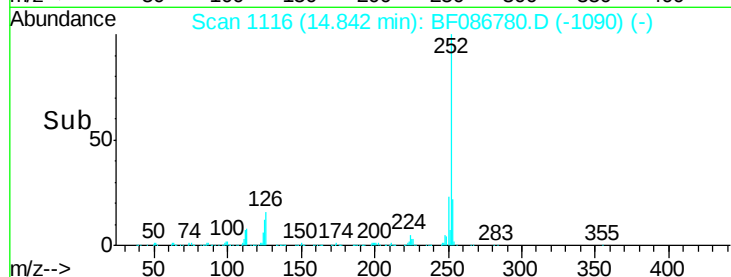
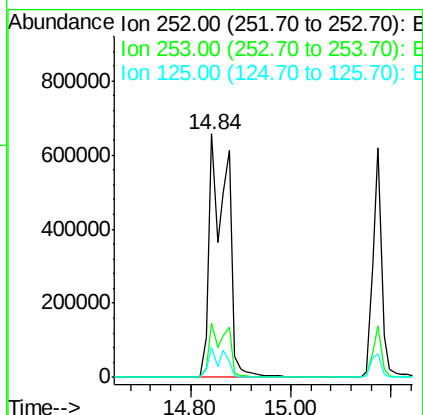
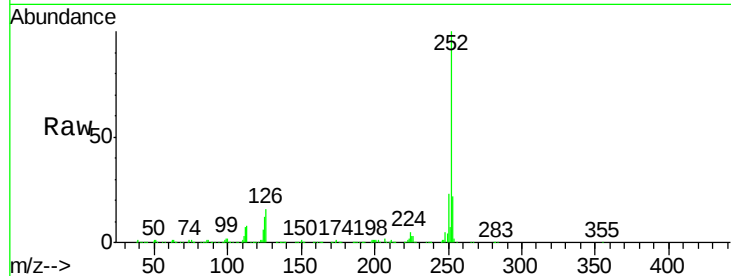




#87
Benzo(b)fluoranthene
Concen: 83.04 ng
RT: 14.84 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

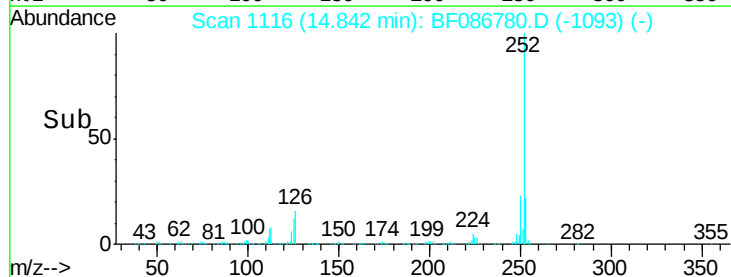
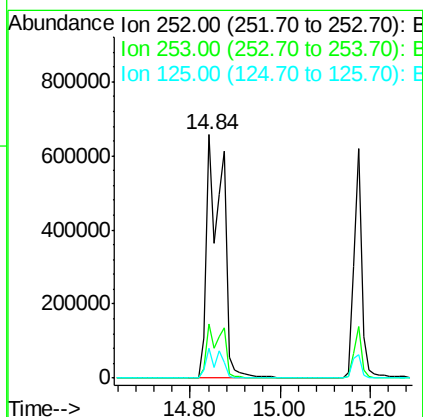
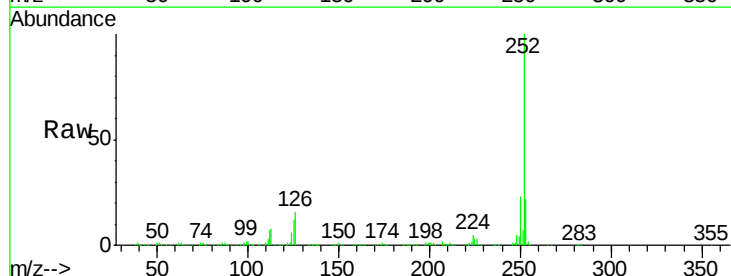
Instrument :
BNA_F
ClientSampleId :
PB90240BS

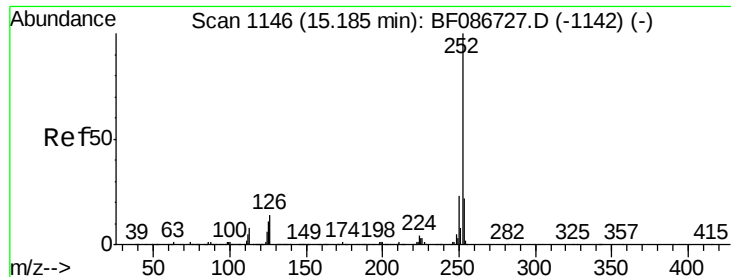
Tgt Ion:252 Resp: 1632246
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 12.2 11.4 17.0



#88
Benzo(k)fluoranthene
Concen: 88.26 ng
RT: 14.84 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BF086780.D
Acq: 7 May 2016 18:08

Tgt Ion:252 Resp: 1634480
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 12.2 9.1 13.7





#89

Benzo(a)pyrene

Concen: 42.19 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

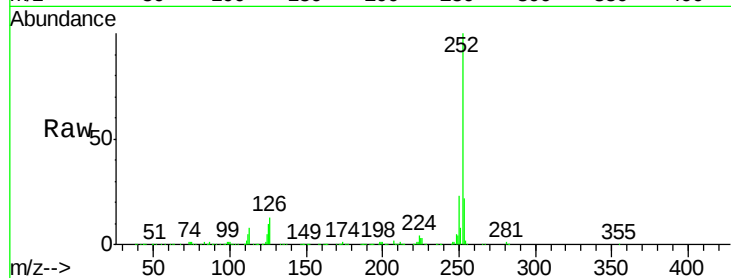
Tgt Ion:252 Resp: 763764

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

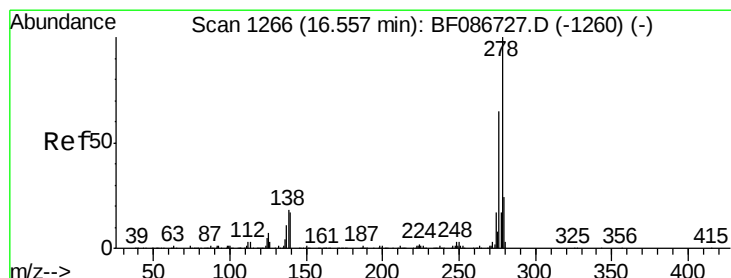
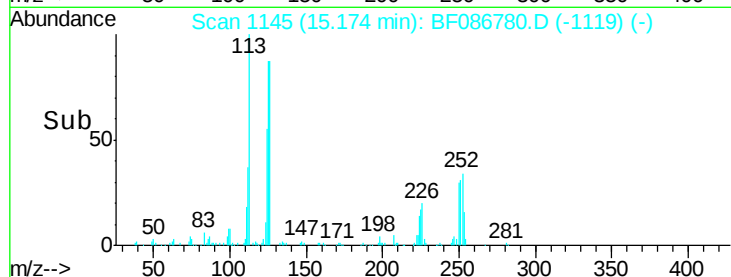
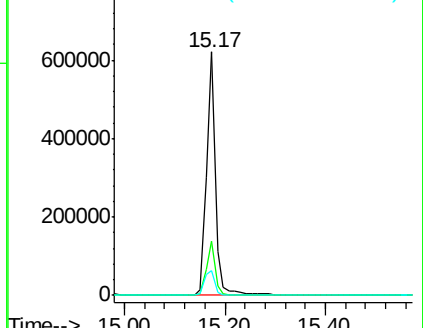
125 10.4 9.0 13.6



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: 36.33 ng

RT: 16.53 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

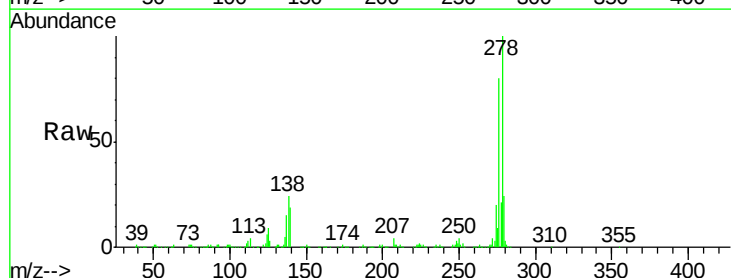
Tgt Ion:278 Resp: 631869

Ion Ratio Lower Upper

278 100

139 19.0 16.6 24.8

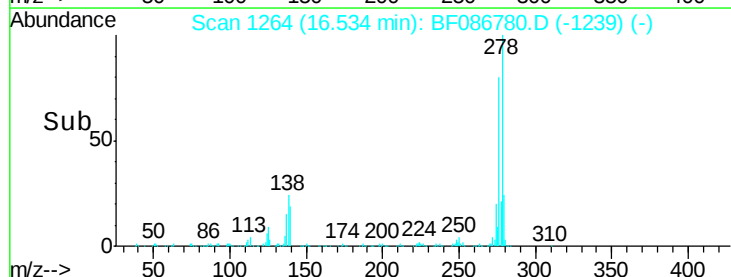
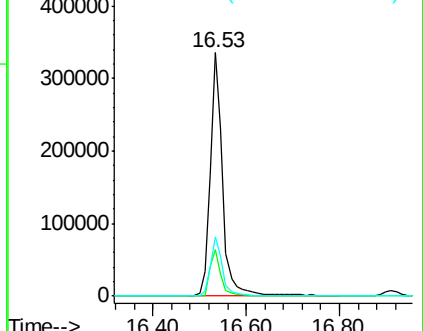
279 24.1 19.6 29.4

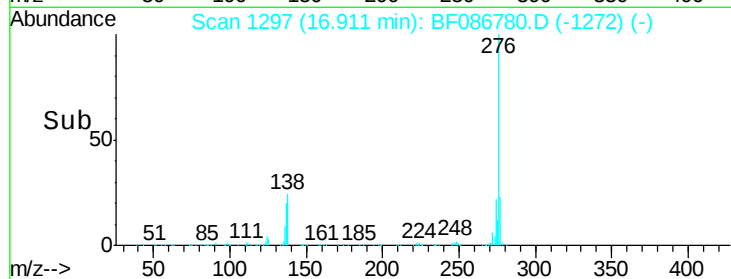
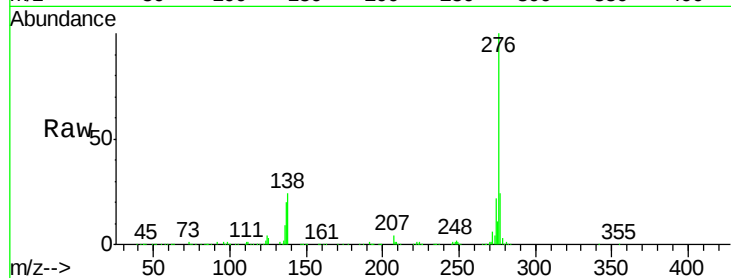
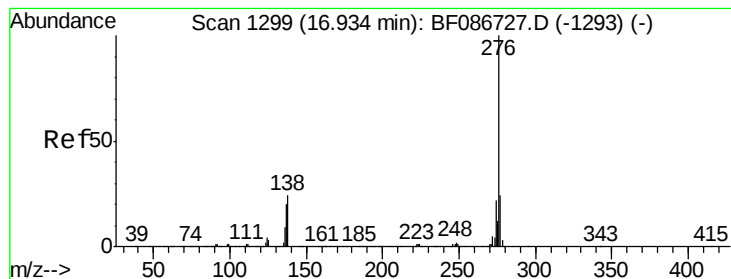


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 33.51 ng

RT: 16.91 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF086780.D

Acq: 7 May 2016 18:08

Instrument :

BNA_F

ClientSampleId :

PB90240BS

Tgt Ion:276 Resp: 611954

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 23.6 23.6 35.4#

