

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082703.D
 Acq On : 4 Nov 2015 16:17
 Operator : UM/IZ
 Sample : G4240-10MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

Quant Time: Nov 04 23:18:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	182284	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	717082	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	391707	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	780206	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	705028	20.00	ng	-0.02
86) Perylene-d12	15.46	264	493643	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1676801	138.55	ng	0.01
7) Phenol-d6	6.51	99	2229788	138.68	ng	0.00
23) Nitrobenzene-d5	7.44	82	1572244	89.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	733408	171.08	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	2176260	78.88	ng	-0.02
78) Terphenyl-d14	12.98	244	2418326	75.07	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.53	88	175658	31.40	ng	94
3) Pyridine	3.25	79	550577	33.56	ng	99
4) n-Nitrosodimethylamine	3.20	42	311040	33.68	ng	92
6) Aniline	6.53	93	584099	26.09	ng	98
8) 2-Chlorophenol	6.66	128	586804	44.81	ng	98
9) Benzaldehyde	6.41	77	203461	18.54	ng	87
10) Phenol	6.52	94	902096	49.51	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	542805	40.39	ng	95
12) 1,3-Dichlorobenzene	7.04	146	566120	37.91	ng	96
13) 1,4-Dichlorobenzene	6.89	146	632691	42.72	ng	92
14) 1,2-Dichlorobenzene	7.04	146	566147	41.19	ng	95
15) Benzyl Alcohol	7.01	79	682401	45.51	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.15	45	857977	40.17	ng	96
17) 2-Methylphenol	7.13	107	495404	44.50	ng	99
18) Hexachloroethane	7.38	117	233678	40.43	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	477385	39.17	ng	91
20) 3+4-Methylphenols	7.28	107	640308	44.25	ng	# 89
22) Acetophenone	7.28	105	906763	42.95	ng	# 87
24) Nitrobenzene	7.45	77	648580	36.54	ng	# 89
25) Isophorone	7.70	82	1355966	41.97	ng	96
26) 2-Nitrophenol	7.77	139	312148	48.14	ng	# 79
27) 2,4-Dimethylphenol	7.81	122	500840	39.57	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	755471	42.75	ng	# 97
29) 2,4-Dichlorophenol	8.01	162	516565	44.77	ng	87
30) 1,2,4-Trichlorobenzene	8.10	180	562482	43.93	ng	96
31) Naphthalene	8.18	128	1767222	45.54	ng	99
32) Benzoic acid	7.88	122	55562	6.05	ng	97
33) 4-Chloroaniline	8.22	127	300586	18.15	ng	# 83
34) Hexachlorobutadiene	8.30	225	360770	44.31	ng	98
35) Caprolactam	8.53	113	11535	3.26	ng	94
36) 4-Chloro-3-methylphenol	8.72	107	664712	48.93	ng	# 79
37) 2-Methylnaphthalene	8.86	142	1071620	42.61	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	535523	40.97	ng	97
40) Hexachlorocyclopentadiene	9.02	237	607043	73.87	ng	99

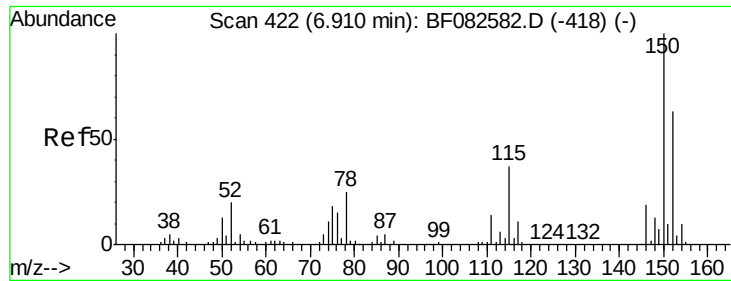
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082703.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	443956	47.04	ng	99
43) 2,4,5-Trichlorophenol	9.18	196	420621	44.73	ng	95
45) 1,1'-Biphenyl	9.33	154	1421029	42.95	ng	97
46) 2-Chloronaphthalene	9.36	162	1129357	43.71	ng	96
47) 2-Nitroaniline	9.45	65	446042	44.41	ng	# 86
48) Acenaphthylene	9.77	152	1745880	42.25	ng	99
49) Dimethylphthalate	9.64	163	2029572	63.44	ng	100
50) 2,6-Dinitrotoluene	9.70	165	350659	52.88	ng	# 61
51) Acenaphthene	9.94	154	1210032	46.13	ng	99
52) 3-Nitroaniline	9.86	138	233082	31.60	ng	81
53) 2,4-Dinitrophenol	9.96	184	260501	74.27	ng	# 33
54) Dibenzofuran	10.12	168	1655883	46.52	ng	# 87
55) 4-Nitrophenol	10.03	139	579833	104.47	ng	88
56) 2,4-Dinitrotoluene	10.10	165	465222	51.88	ng	95
57) Fluorene	10.45	166	1261032	43.92	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	396061	49.83	ng	# 89
59) Diethylphthalate	10.34	149	1548196	47.54	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	673245	48.24	ng	97
61) 4-Nitroaniline	10.48	138	291884	41.46	ng	90
62) Azobenzene	10.61	77	1735041	47.24	ng	97
64) 4,6-Dinitro-2-methylphenol	10.51	198	281885	59.90	ng	84
65) n-Nitrosodiphenylamine	10.57	169	1082697	40.37	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	421720	47.70	ng	99
67) Hexachlorobenzene	11.01	284	453720	46.28	ng	# 59
68) Atrazine	11.10	200	481317	54.85	ng	94
69) Pentachlorophenol	11.20	266	529234	81.87	ng	98
70) Phenanthrene	11.41	178	1831735	41.62	ng	100
71) Anthracene	11.47	178	2168550	48.94	ng	100
72) Carbazole	11.62	167	1715825	44.46	ng	99
73) Di-n-butylphthalate	11.96	149	2373522	48.31	ng	99
74) Fluoranthene	12.60	202	1965108	43.68	ng	99
76) Benzidine	12.72	184	373568	11.75	ng	99
77) Pyrene	12.83	202	2054697	39.36	ng	100
79) Butylbenzylphthalate	13.46	149	971611	42.49	ng	# 70
80) Benzo(a)anthracene	14.02	228	1691790	37.78	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	348537	22.59	ng	# 96
82) Chrysene	14.05	228	1285982	31.68	ng	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	1245575	42.02	ng	98
84) Di-n-octyl phthalate	14.64	149	1914600	41.41	ng	99
85) Indeno(1,2,3-cd)pyrene	16.87	276	1196133	35.71	ng	99
87) Benzo(b)fluoranthene	15.06	252	1460139	42.90	ng	99
88) Benzo(k)fluoranthene	15.06	252	1460139	56.31	ng	# 98
89) Benzo(a)pyrene	15.41	252	1252023	46.71	ng	# 97
90) Dibenzo(a,h)anthracene	16.89	278	1010352	40.39	ng	100
91) Benzo(g,h,i)perylene	17.29	276	945957	39.02	ng	99

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

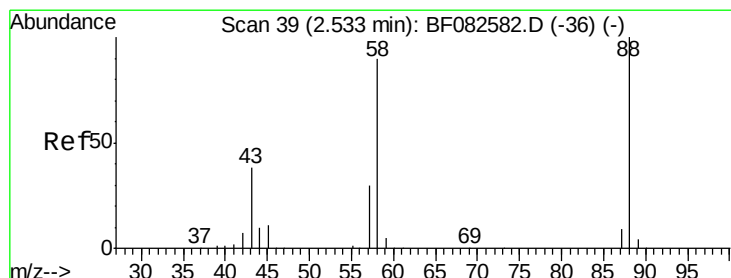
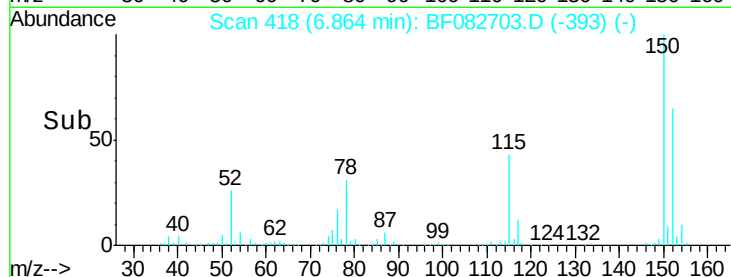
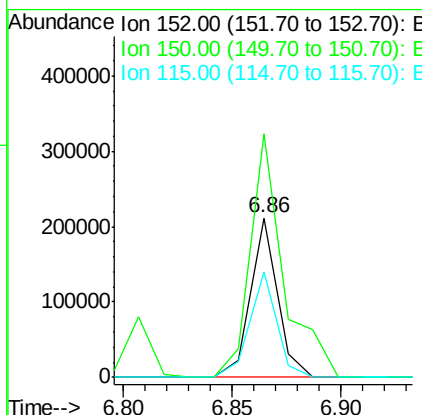
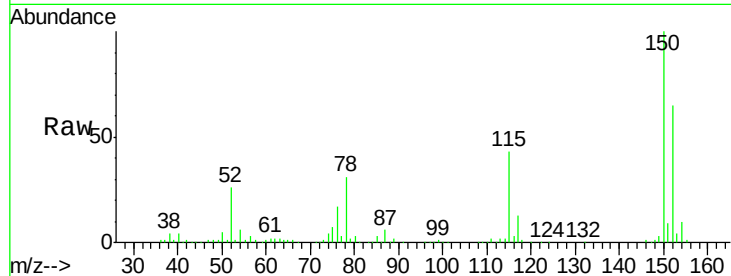


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

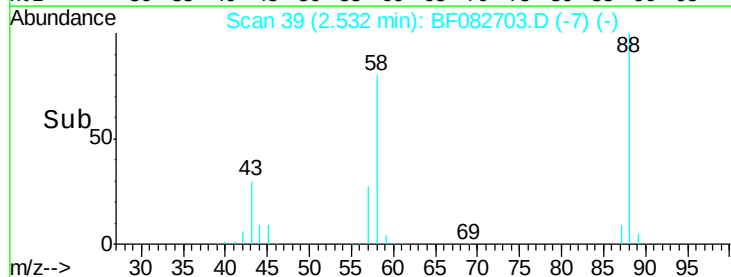
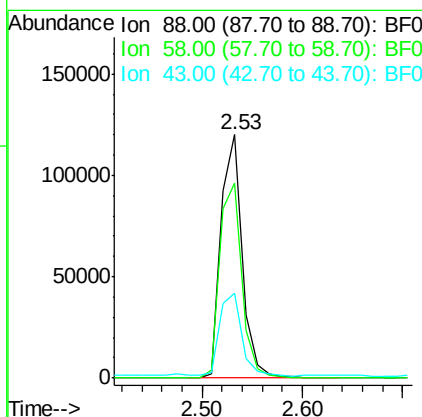
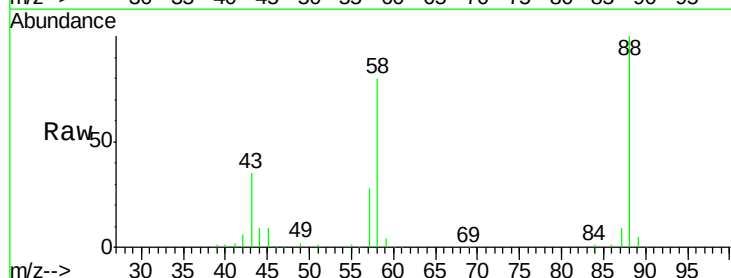
Tgt Ion:152 Resp: 182284
Ion Ratio Lower Upper
152 100
150 152.7 127.0 190.4
115 66.1 47.0 70.6

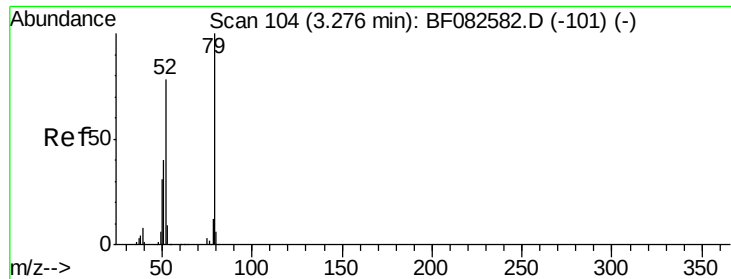


#2

1,4-Dioxane
Concen: 31.40 ng
RT: 2.53 min Scan# 39
Delta R.T. 0.07 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion: 88 Resp: 175658
Ion Ratio Lower Upper
88 100
58 84.3 62.0 93.0
43 34.9 26.6 40.0

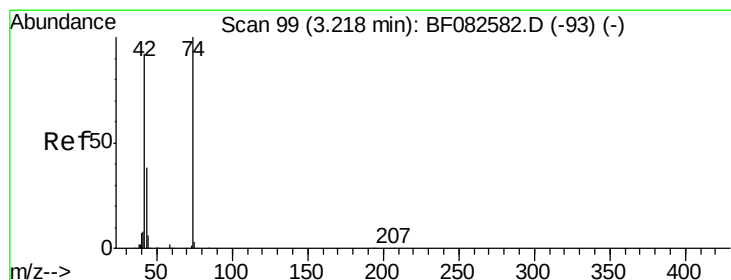
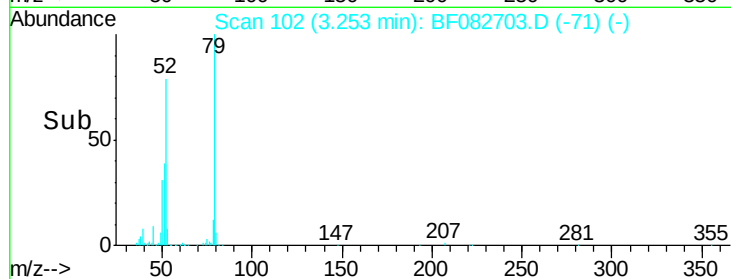
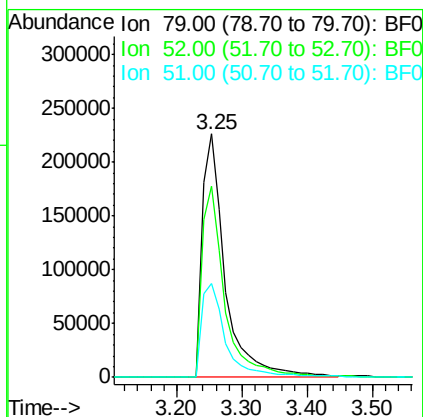
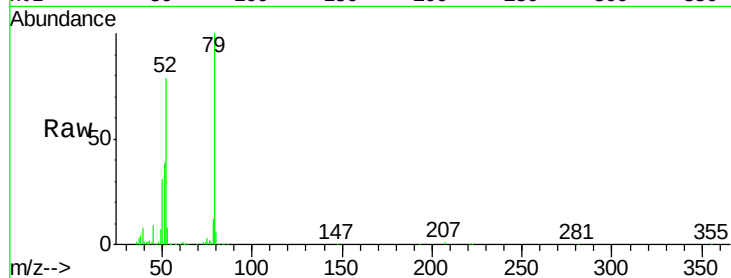




#3
 Pyridine
 Concen: 33.56 ng
 RT: 3.25 min Scan# 102
 Delta R.T. 0.06 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

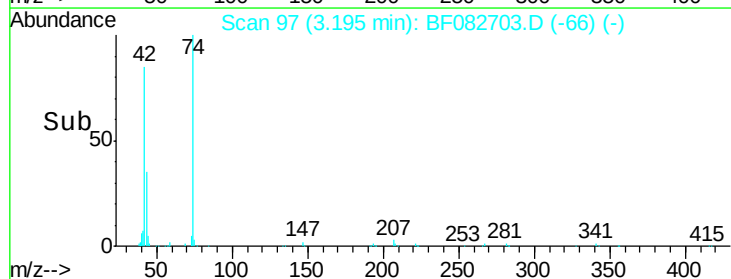
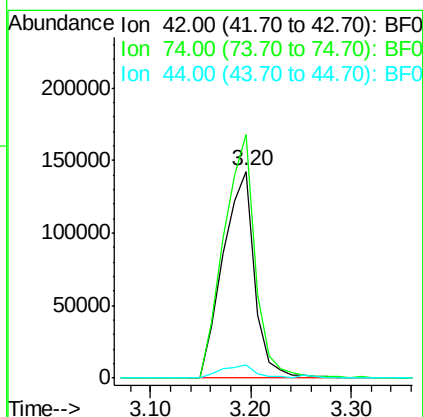
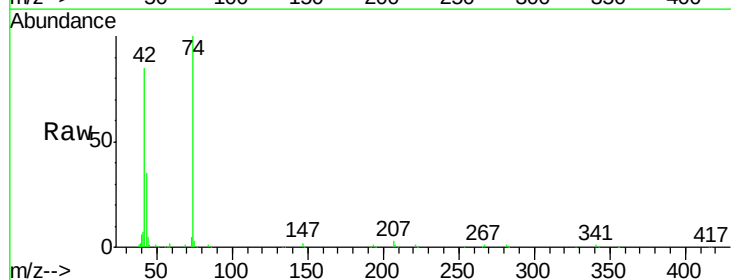
Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

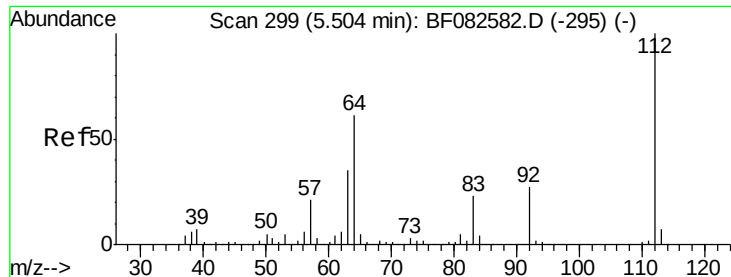
Tgt Ion: 79 Resp: 550577
 Ion Ratio Lower Upper
 79 100
 52 78.7 62.8 94.2
 51 38.6 32.0 48.0



#4
 n-Nitrosodimethylamine
 Concen: 33.68 ng
 RT: 3.20 min Scan# 97
 Delta R.T. 0.06 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion: 42 Resp: 311040
 Ion Ratio Lower Upper
 42 100
 74 117.6 87.0 130.4
 44 6.3 5.8 8.8





#5

2-Fluorophenol

Concen: 138.55 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

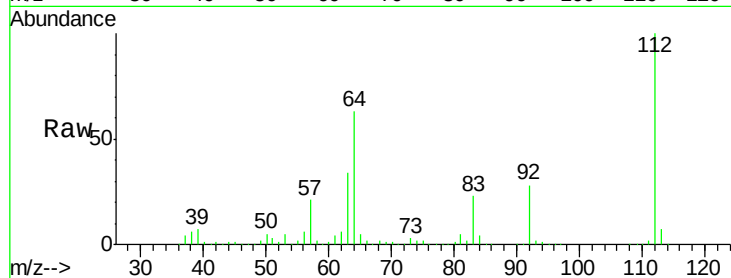
Tgt Ion: 112 Resp: 1676801

Ion Ratio Lower Upper

112 100

64 62.9 48.9 73.3

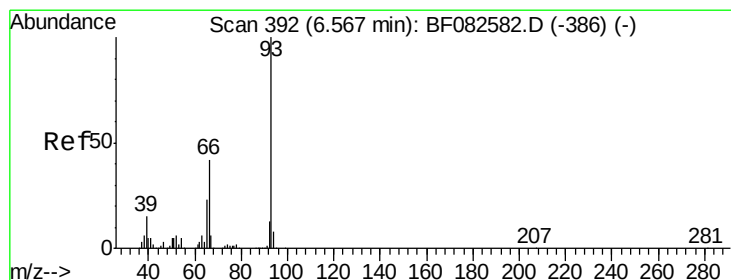
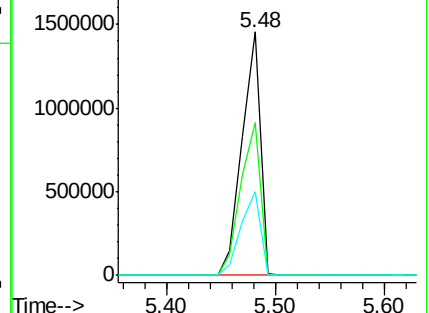
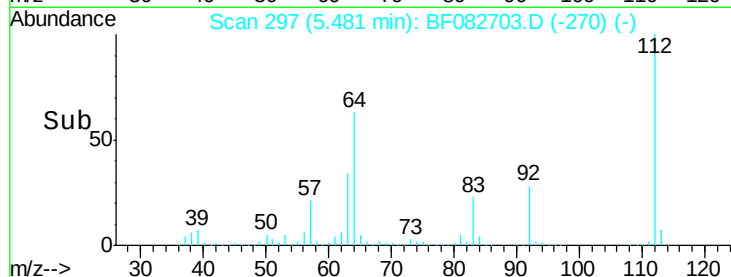
63 34.4 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.09 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

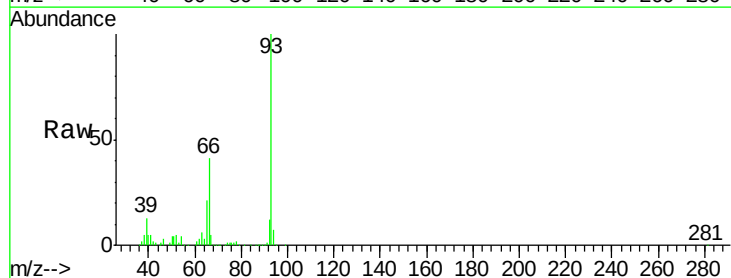
Tgt Ion: 93 Resp: 584099

Ion Ratio Lower Upper

93 100

66 40.8 33.6 50.4

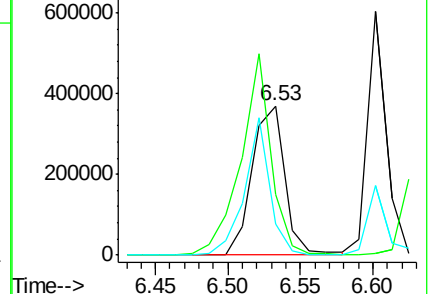
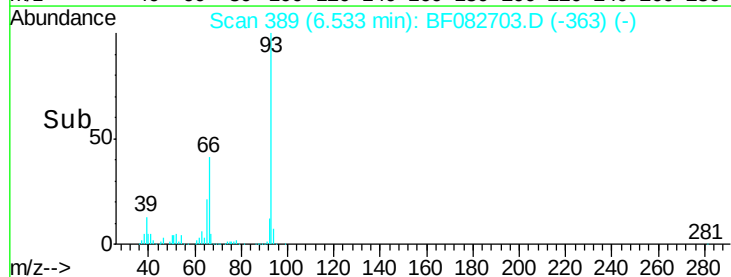
65 21.0 18.1 27.1

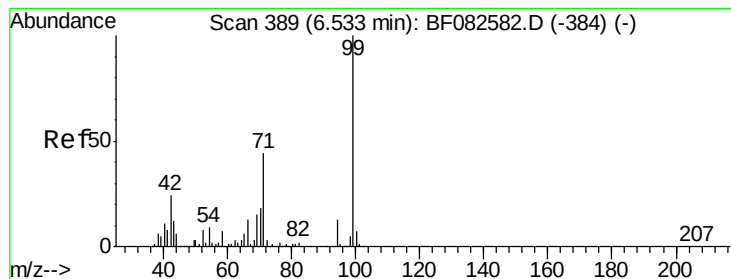


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 138.68 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

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ClientSampleId :

SB-07(4-6)MSD

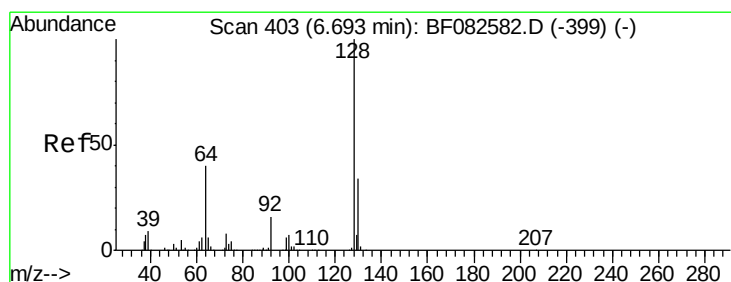
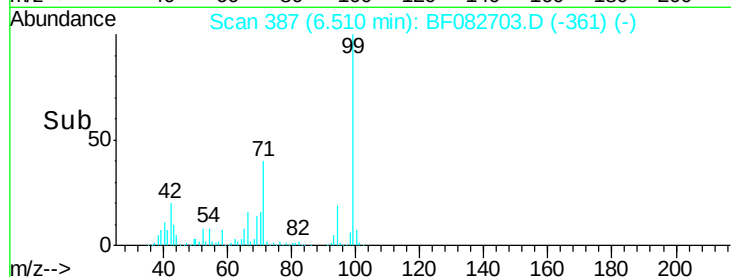
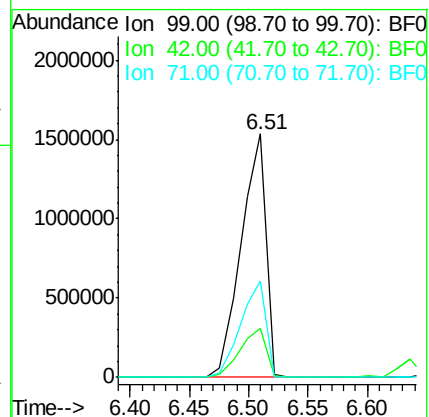
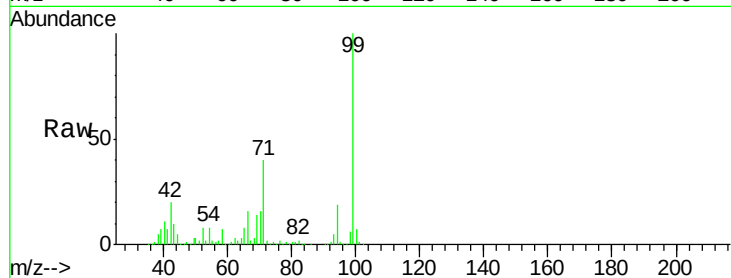
Tgt Ion: 99 Resp: 2229788

Ion Ratio Lower Upper

99 100

42 19.9 19.2 28.8

71 39.5 35.0 52.4



#8

2-Chlorophenol

Concen: 44.81 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

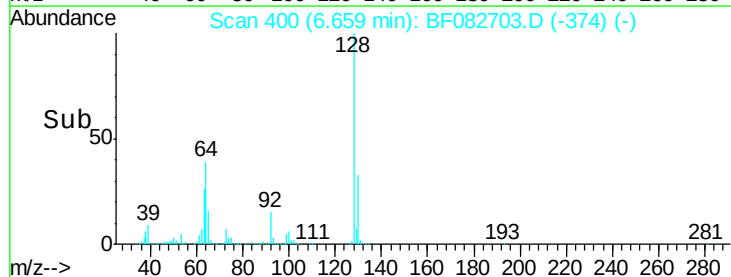
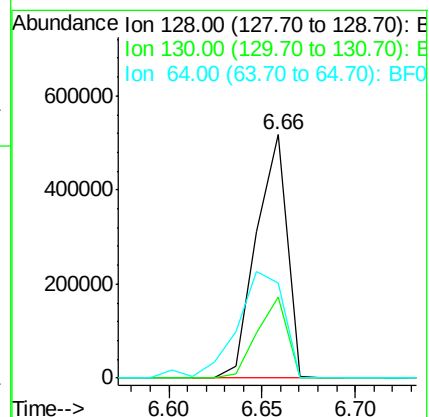
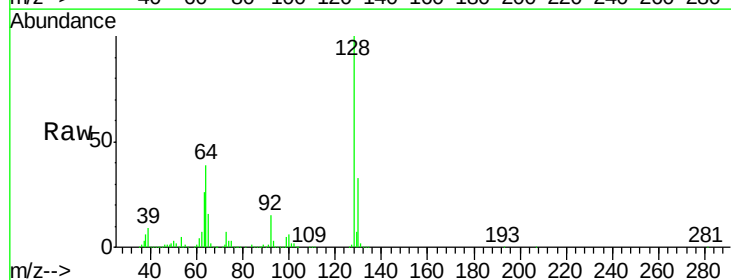
Tgt Ion: 128 Resp: 586804

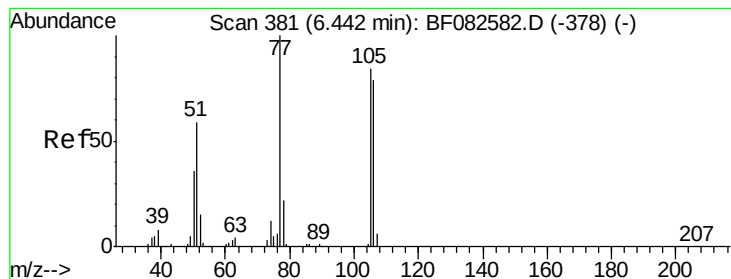
Ion Ratio Lower Upper

128 100

130 33.1 13.5 53.5

64 39.0 21.1 61.1





#9

Benzaldehyde

Concen: 18.54 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

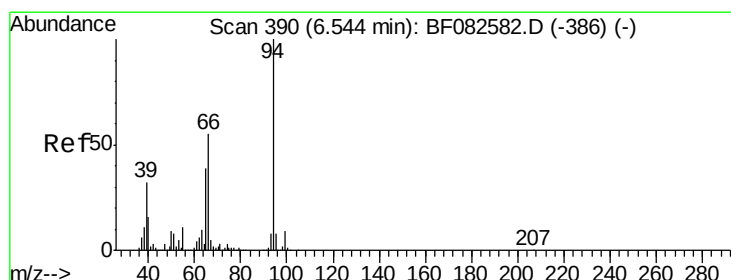
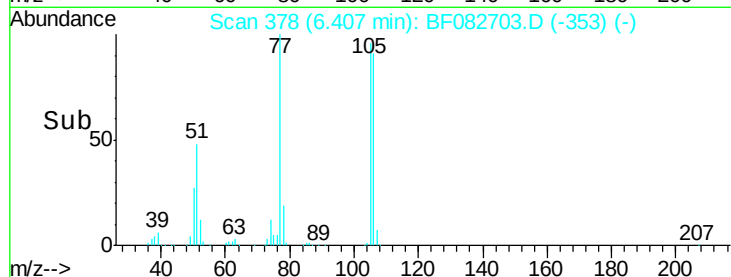
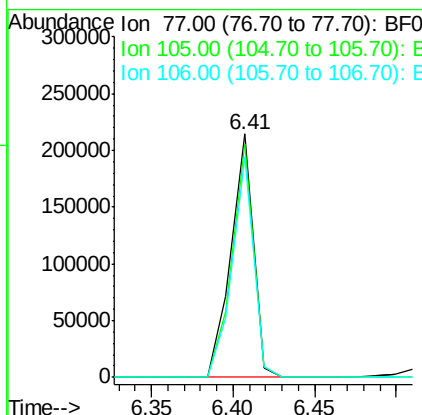
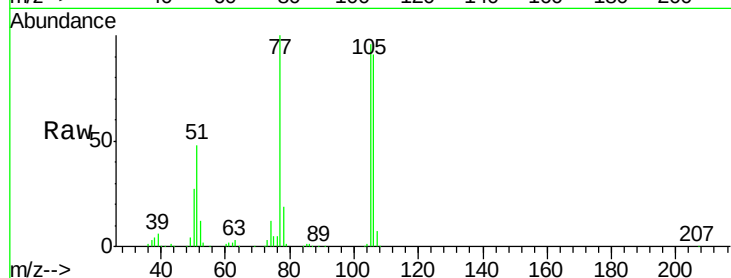
Tgt Ion: 77 Resp: 203461

Ion Ratio Lower Upper

77 100

105 95.7 63.5 103.5

106 90.8 59.3 99.3



#10

Phenol

Concen: 49.51 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

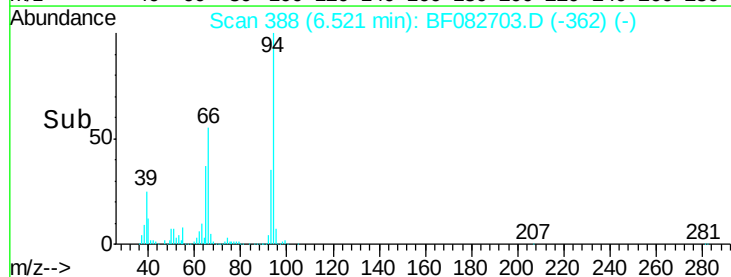
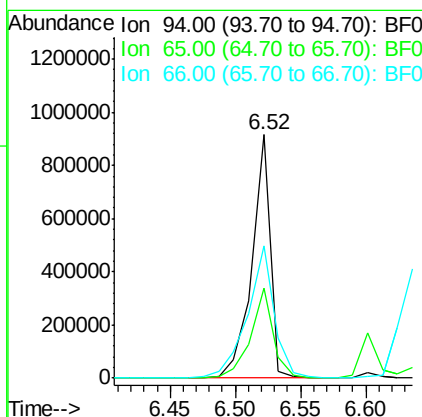
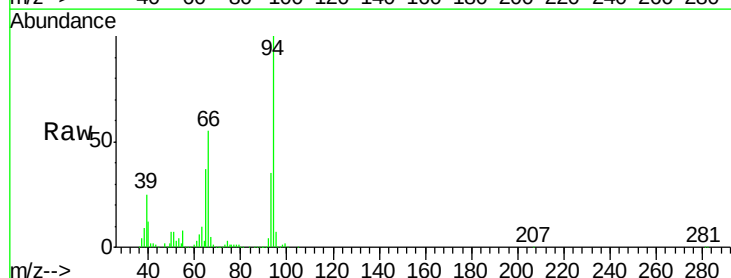
Tgt Ion: 94 Resp: 902096

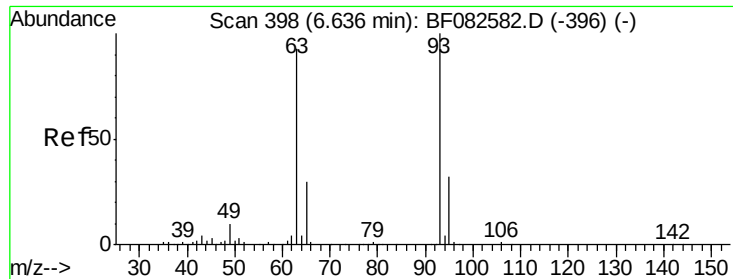
Ion Ratio Lower Upper

94 100

65 37.2 18.9 58.9

66 54.6 34.9 74.9

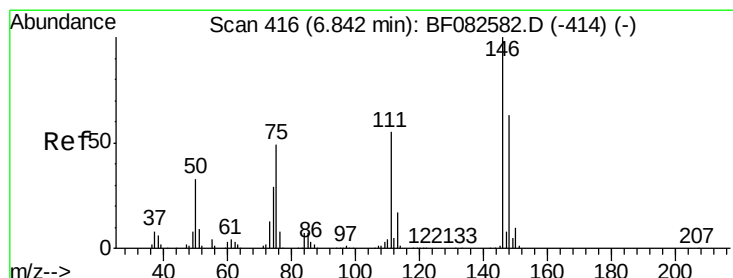
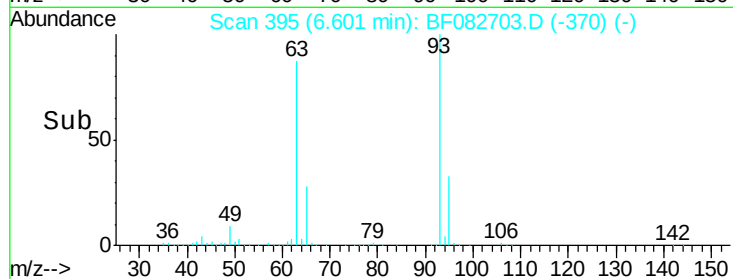
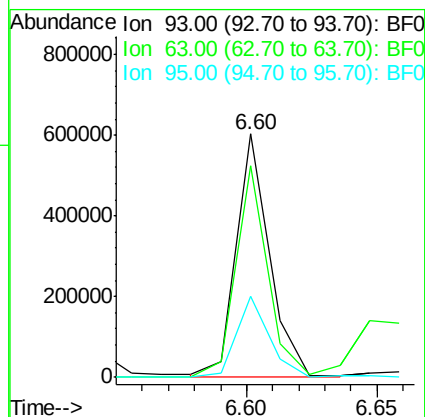
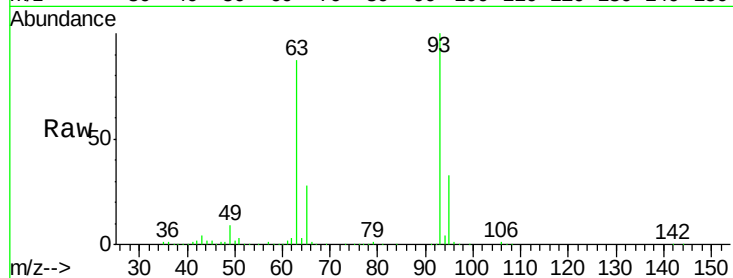




#11
 bis(2-Chloroethyl)ether
 Concen: 40.39 ng
 RT: 6.60 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

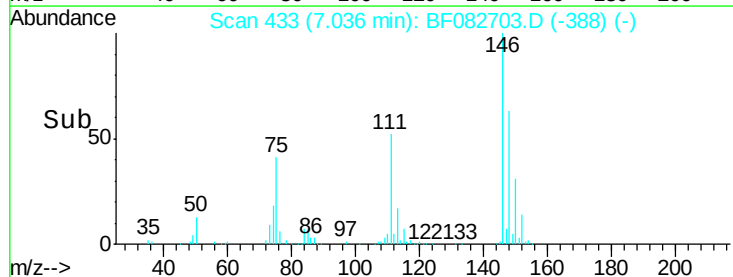
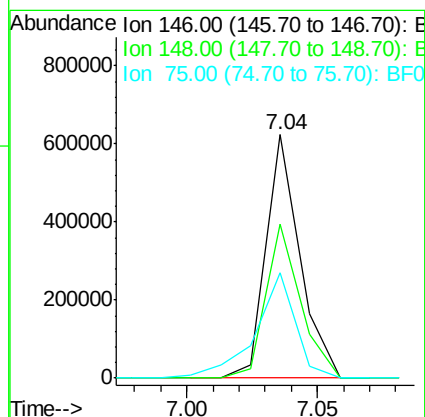
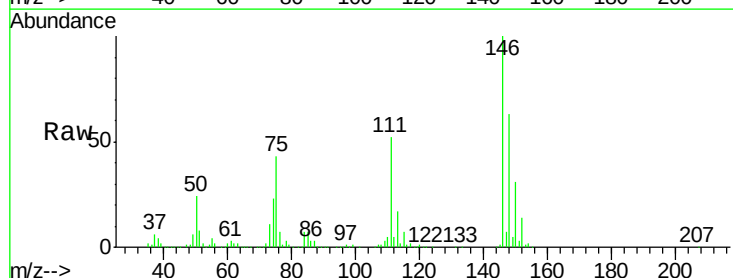
Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

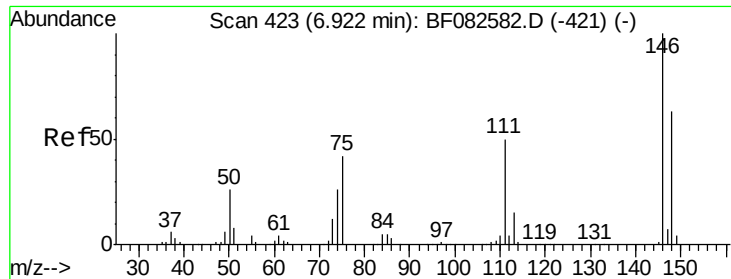
Tgt Ion: 93 Resp: 542805
 Ion Ratio Lower Upper
 93 100
 63 86.7 72.7 112.7
 95 33.4 12.0 52.0



#12
 1,3-Dichlorobenzene
 Concen: 37.91 ng
 RT: 7.04 min Scan# 433
 Delta R.T. 0.22 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion: 146 Resp: 566120
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.5 75.7
 75 43.0 39.5 59.3

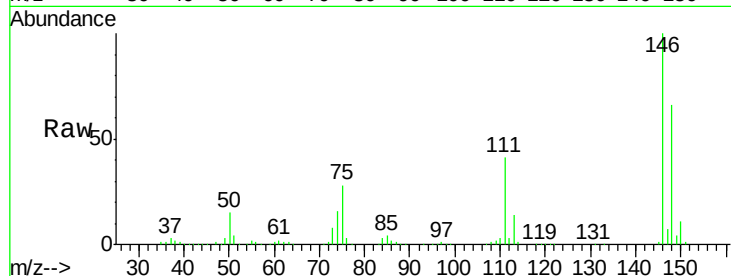




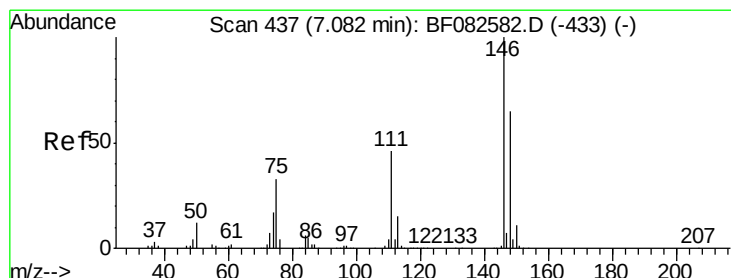
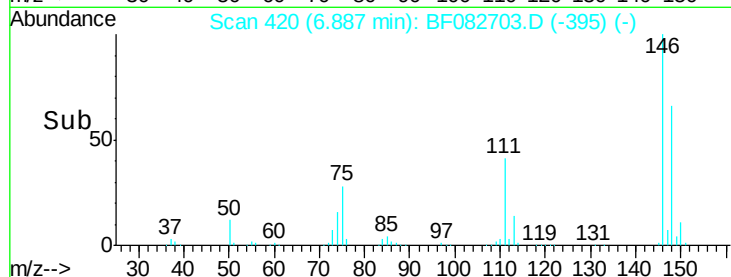
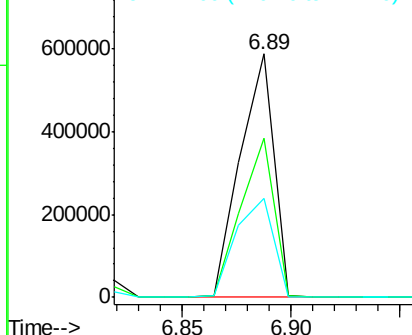
#13
 1,4-Dichlorobenzene
 Concen: 42.72 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

Tgt Ion:146 Resp: 632691
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.8 76.2
 111 40.6 40.6 60.8

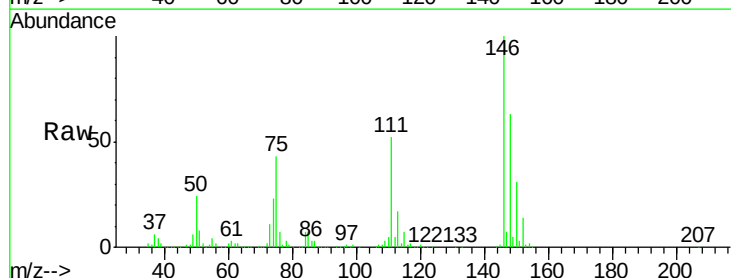


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

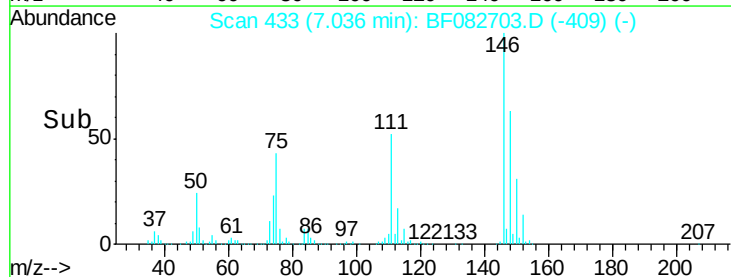
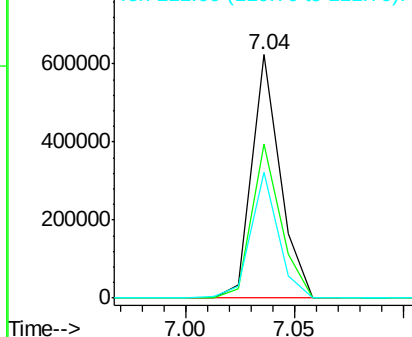


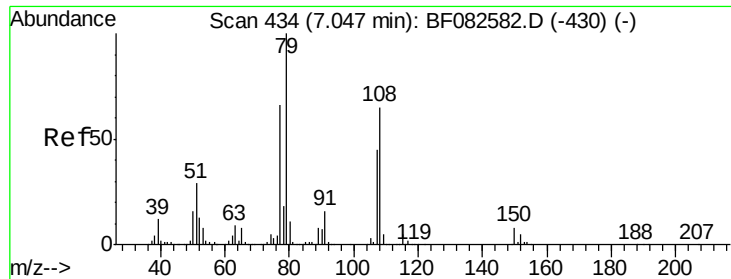
#14
 1,2-Dichlorobenzene
 Concen: 41.19 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion:146 Resp: 566147
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.2 78.4
 111 51.8 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.51 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

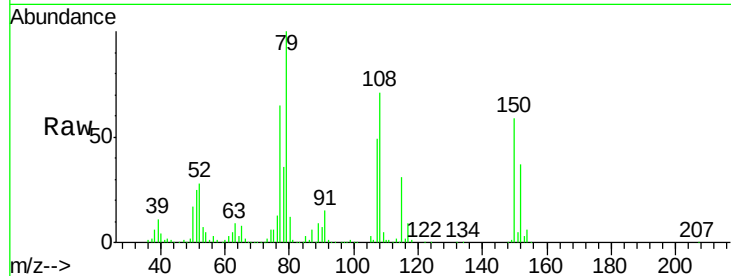
Tgt Ion: 79 Resp: 682401

Ion Ratio Lower Upper

79 100

108 71.2 52.2 78.4

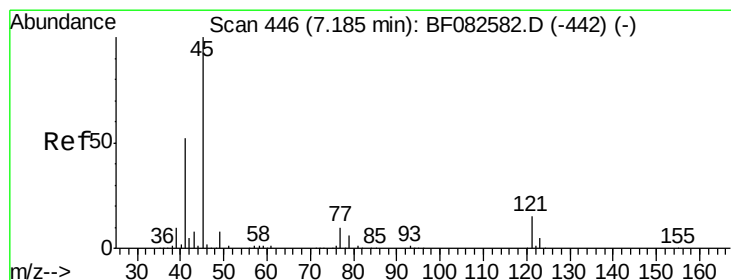
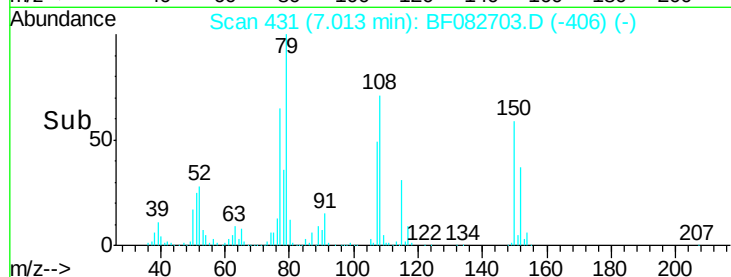
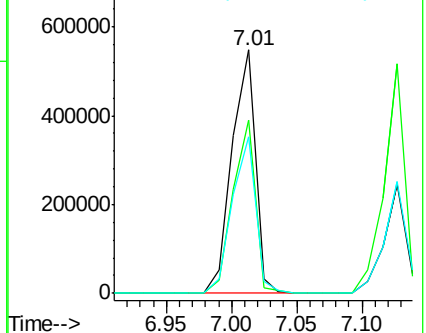
77 64.6 52.7 79.1



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: 40.17 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

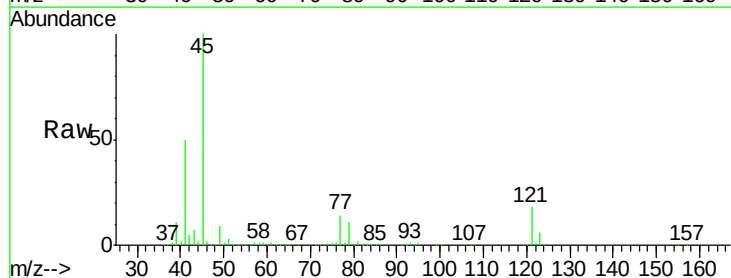
Tgt Ion: 45 Resp: 857977

Ion Ratio Lower Upper

45 100

77 13.9 0.0 32.6

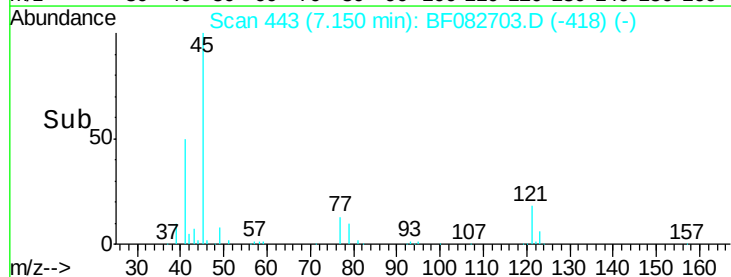
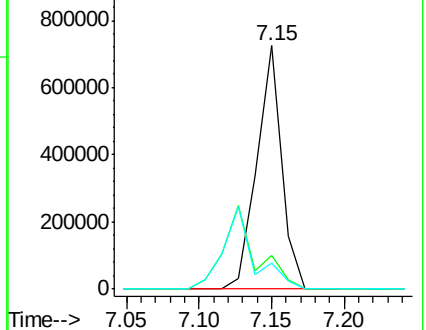
79 10.9 0.0 29.2

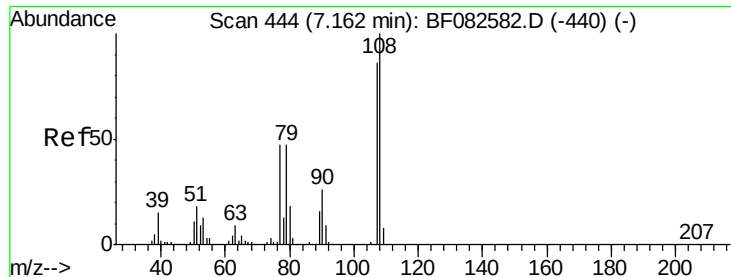


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 44.50 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

Tgt Ion:107 Resp: 495404

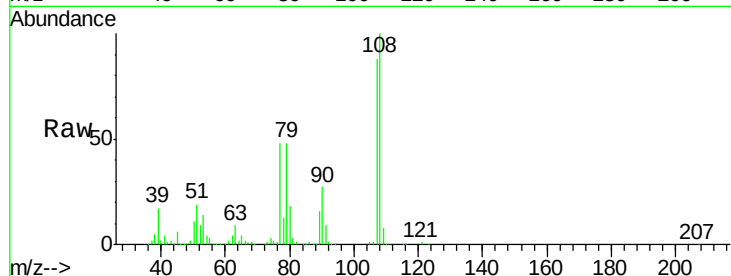
Ion Ratio Lower Upper

107 100

108 114.0 93.0 139.4

77 55.1 44.1 66.1

79 54.4 43.6 65.4



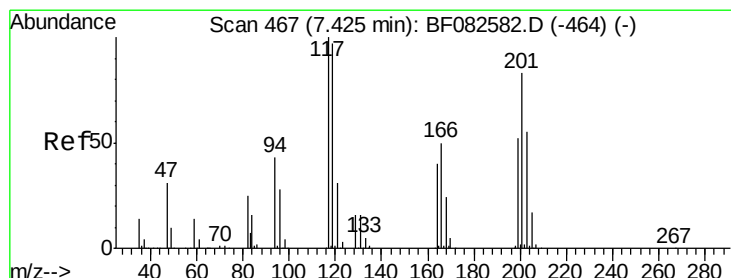
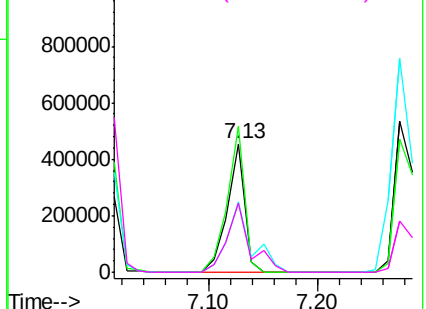
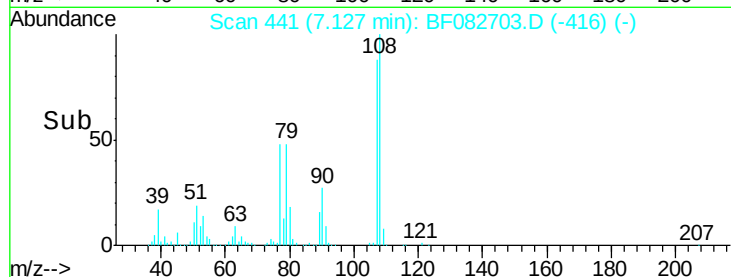
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.43 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

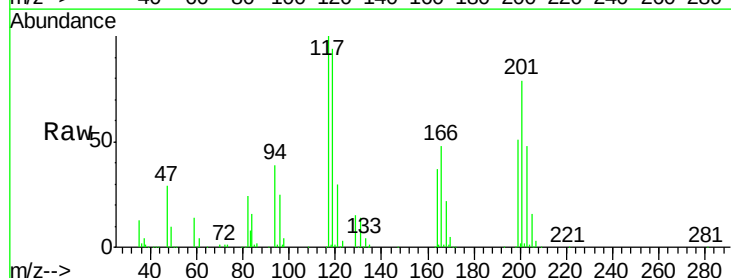
Tgt Ion:117 Resp: 233678

Ion Ratio Lower Upper

117 100

119 94.1 77.7 116.5

201 79.4 66.7 100.1

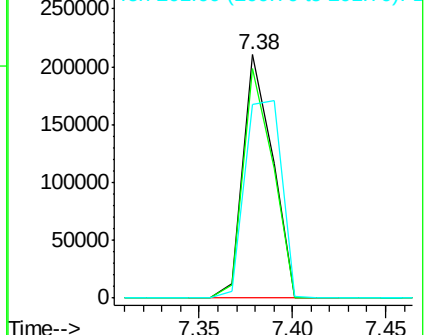
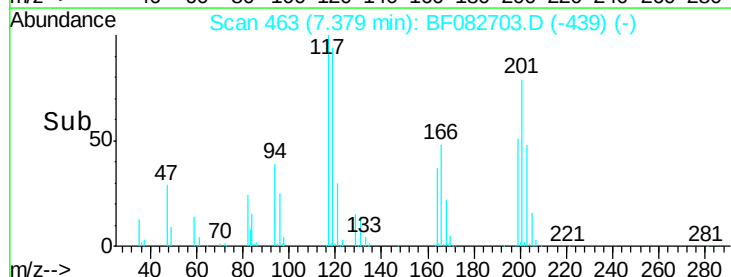


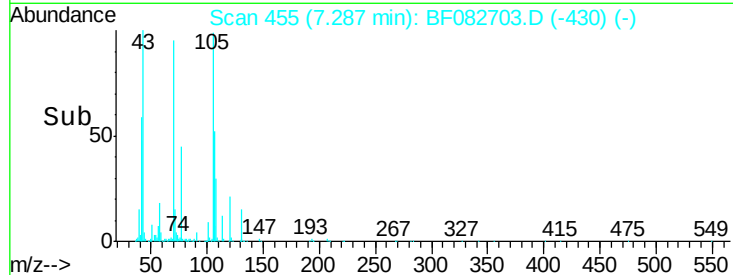
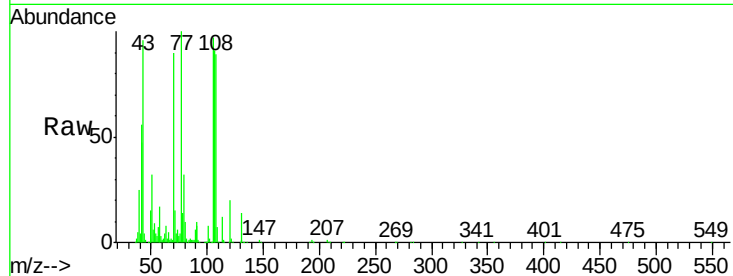
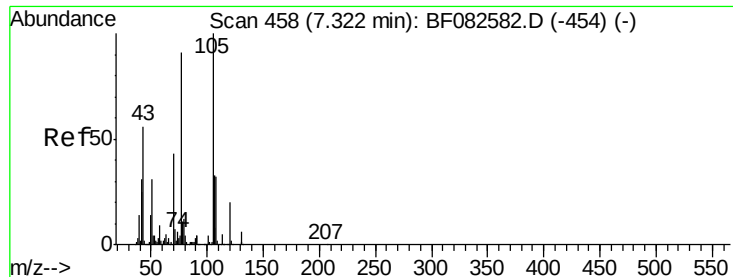
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

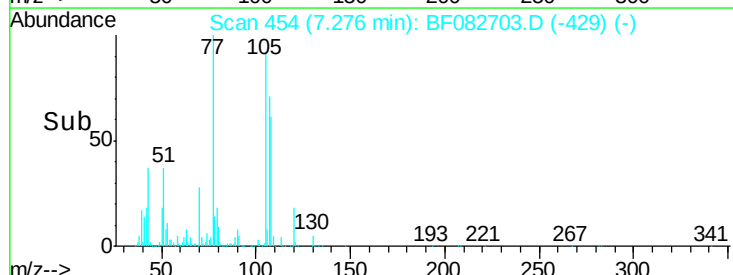
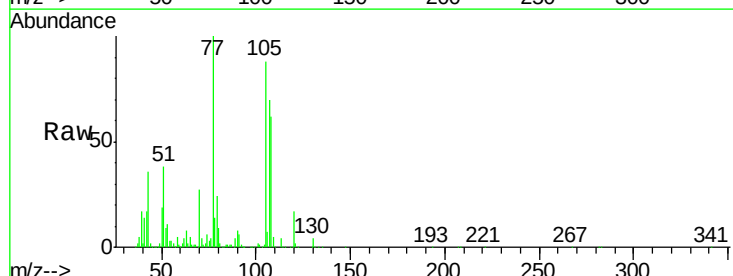
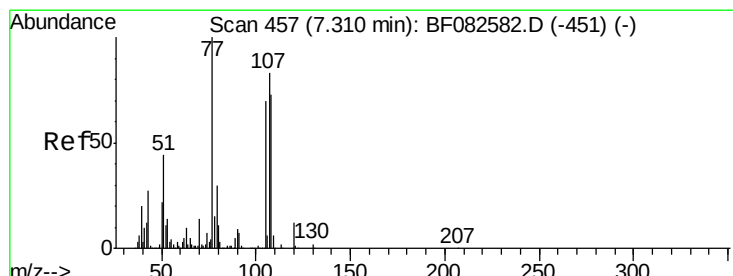
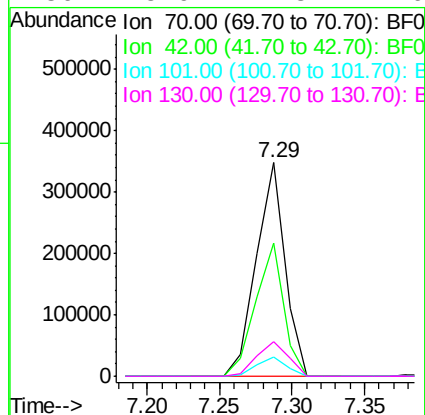




#19
n-Nitroso-di-n-propylamine
Concen: 39.17 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

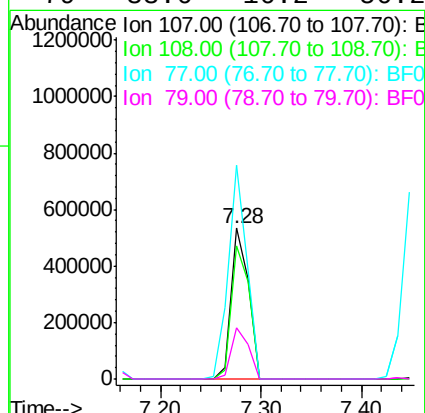
Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

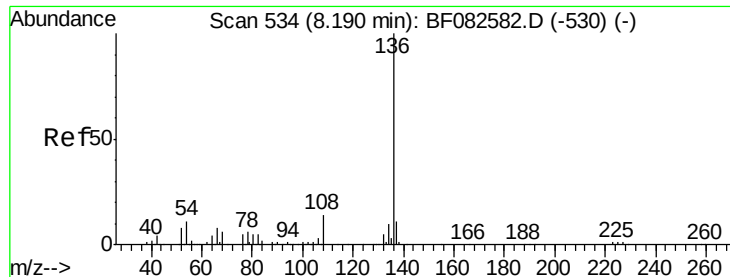
Tgt Ion:	70	Resp:	477385
Ion	Ratio	Lower	Upper
70	100		
42	62.3	57.7	86.5
101	9.2	7.0	10.6
130	15.9	11.8	17.6



#20
3+4-Methylphenols
Concen: 44.25 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion:	107	Resp:	640308
Ion	Ratio	Lower	Upper
107	100		
108	88.1	67.3	107.3
77	141.9	100.3	140.3#
79	33.6	16.2	56.2

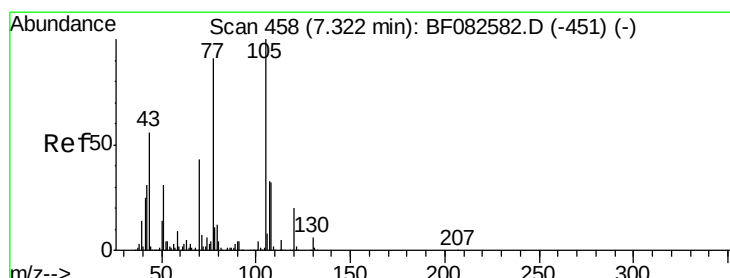
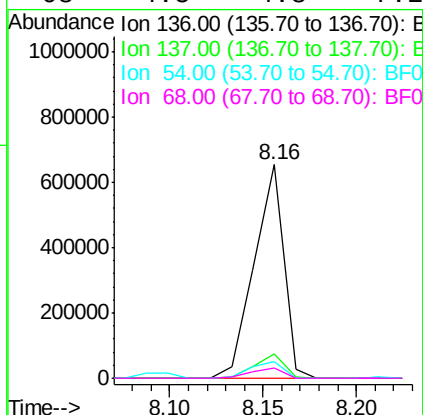
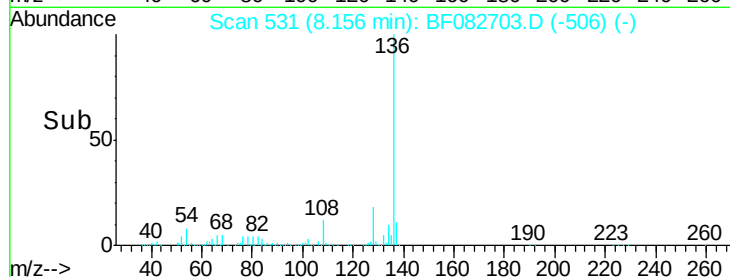
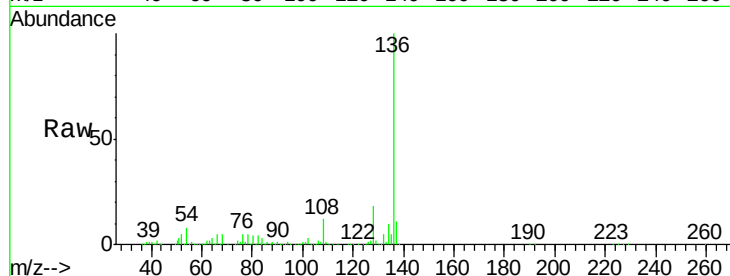




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

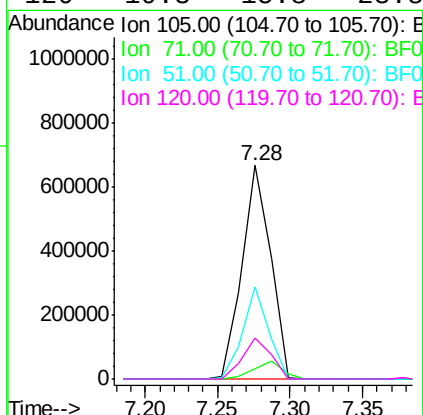
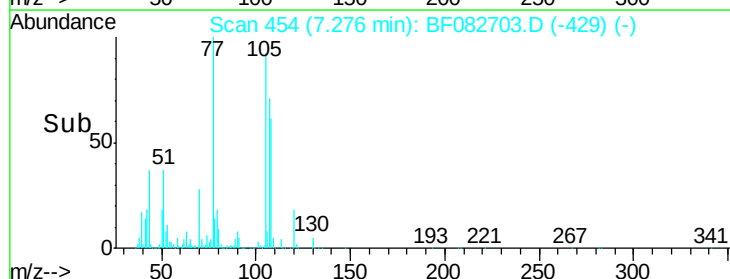
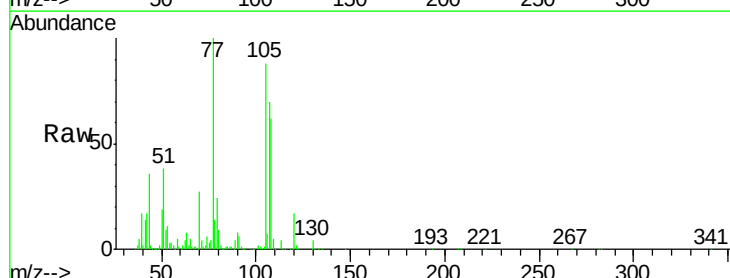
Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

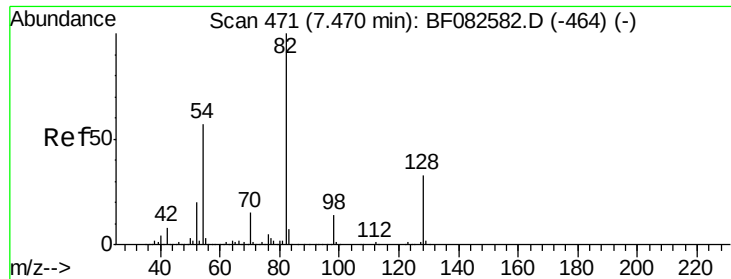
Tgt Ion:	136	Resp:	717082
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.6	9.1	13.7#
68	4.5	4.8	7.2#



#22
Acetophenone
Concen: 42.95 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion:	105	Resp:	906763
Ion	Ratio	Lower	Upper
105	100		
71	4.5	5.6	8.4#
51	42.9	24.9	37.3#
120	19.3	15.8	23.8

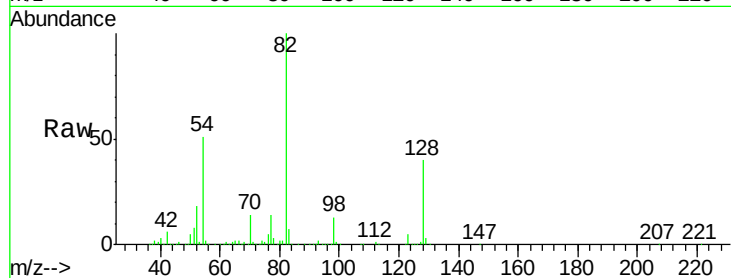




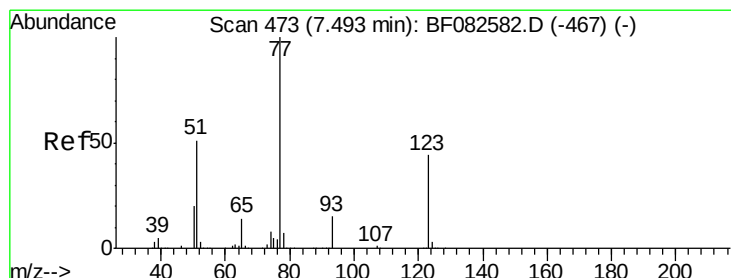
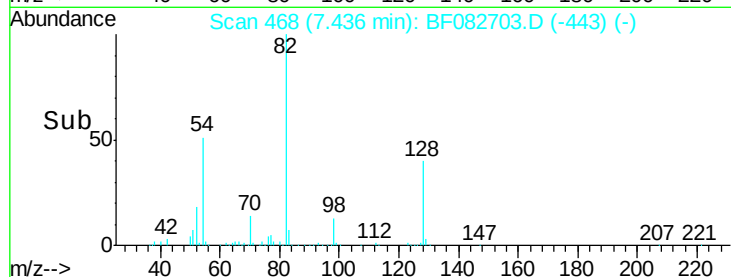
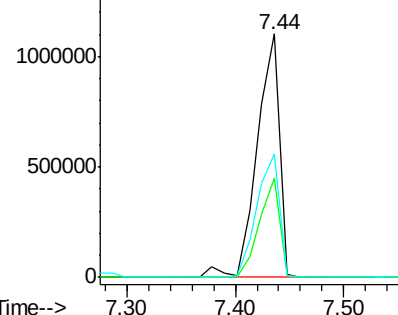
#23
 Nitrobenzene-d5
 Concen: 89.53 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

Tgt Ion: 82 Resp: 1572244
 Ion Ratio Lower Upper
 82 100
 128 40.5 26.8 40.2#
 54 50.9 45.7 68.5

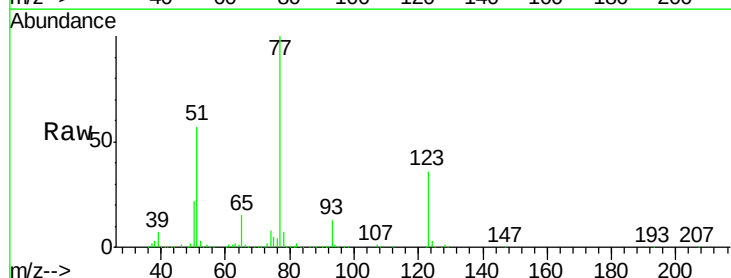


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

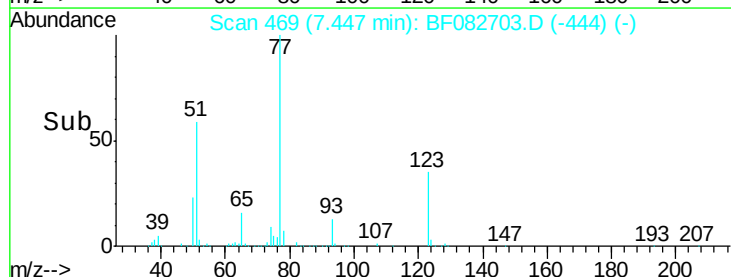
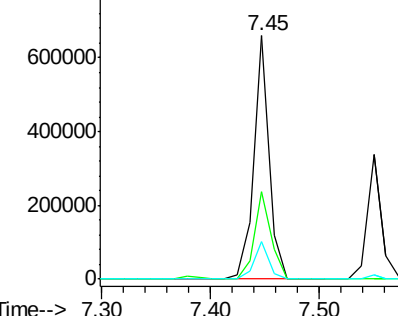


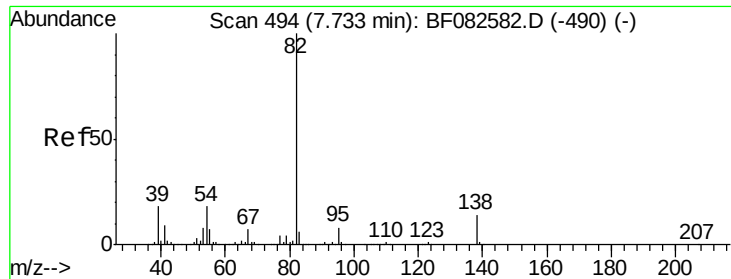
#24
 Nitrobenzene
 Concen: 36.54 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion: 77 Resp: 648580
 Ion Ratio Lower Upper
 77 100
 123 36.1 36.4 54.6#
 65 15.2 11.5 17.3



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





#25

Isophorone

Concen: 41.97 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

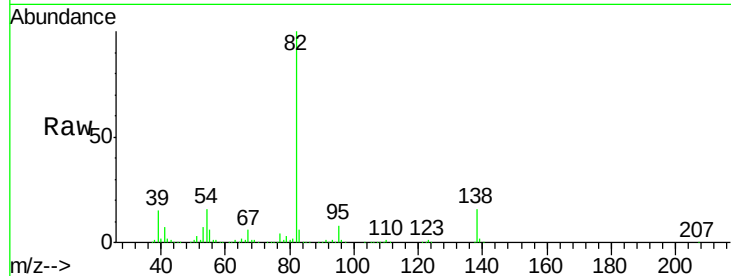
Tgt Ion: 82 Resp: 1355966

Ion Ratio Lower Upper

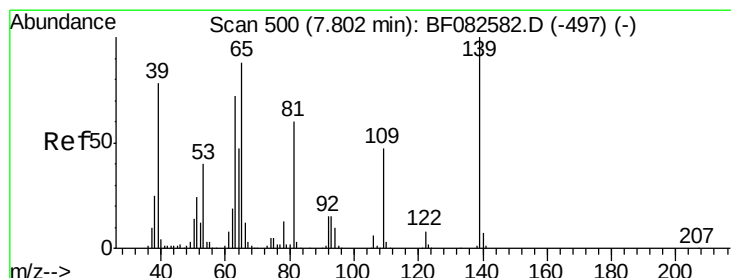
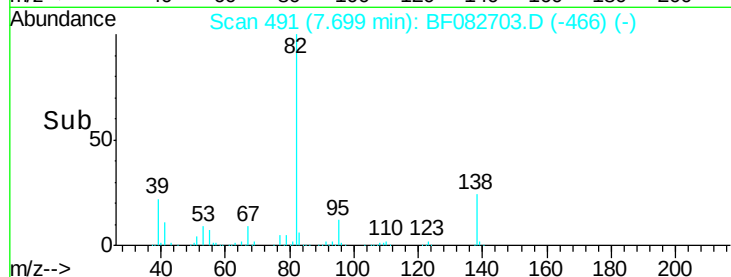
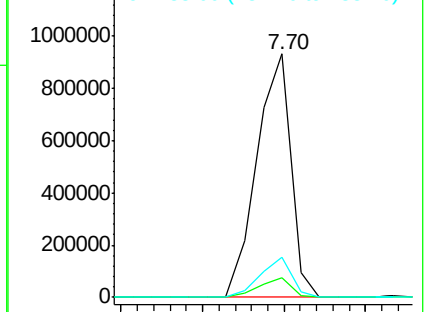
82 100

95 8.1 6.6 9.8

138 16.4 11.4 17.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 48.14 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

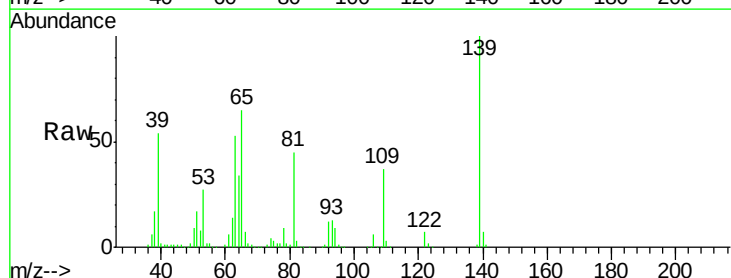
Tgt Ion: 139 Resp: 312148

Ion Ratio Lower Upper

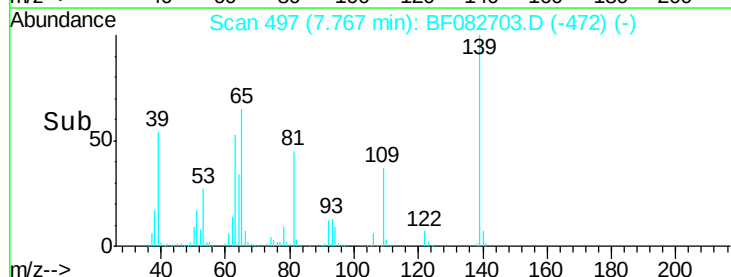
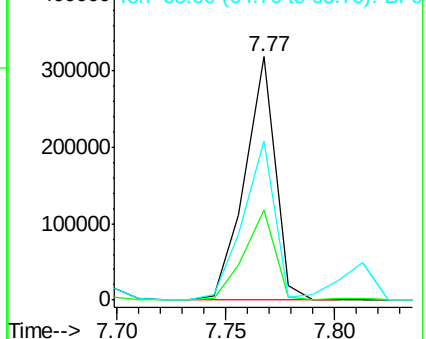
139 100

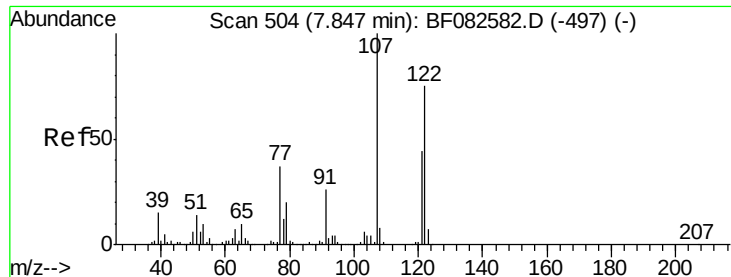
109 36.8 37.6 56.4#

65 65.4 70.6 105.8#



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





#27

2,4-Dimethylphenol

Concen: 39.57 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

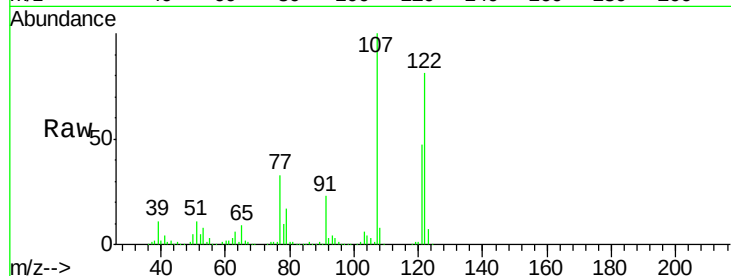
Tgt Ion:122 Resp: 500840

Ion Ratio Lower Upper

122 100

107 124.1 106.0 159.0

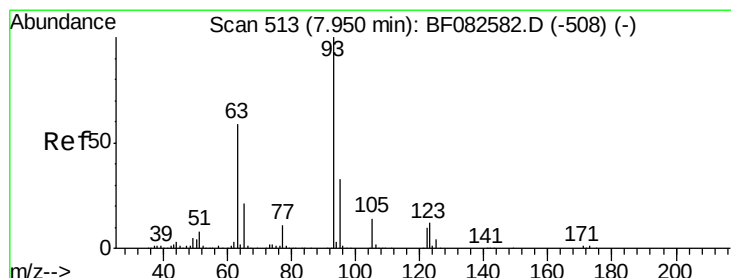
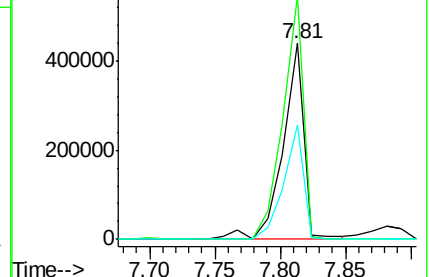
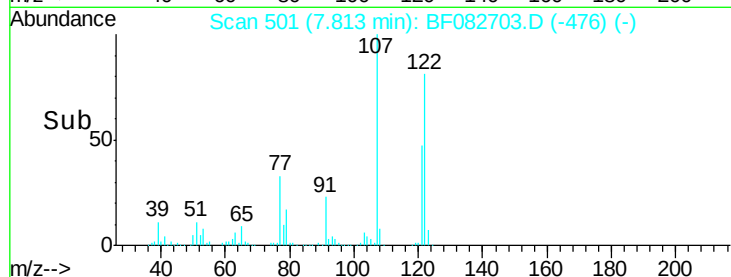
121 58.4 46.7 70.1



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: 42.75 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

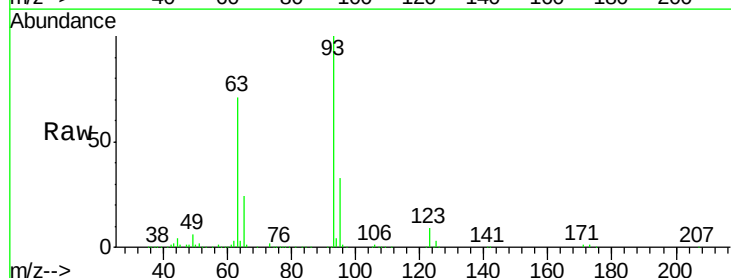
Tgt Ion: 93 Resp: 755471

Ion Ratio Lower Upper

93 100

95 32.7 26.6 40.0

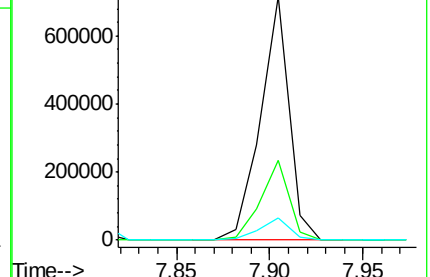
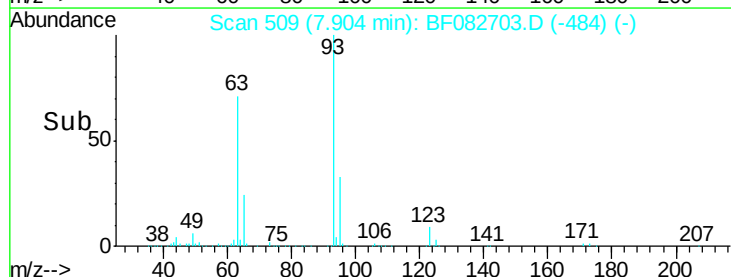
123 9.1 9.7 14.5#

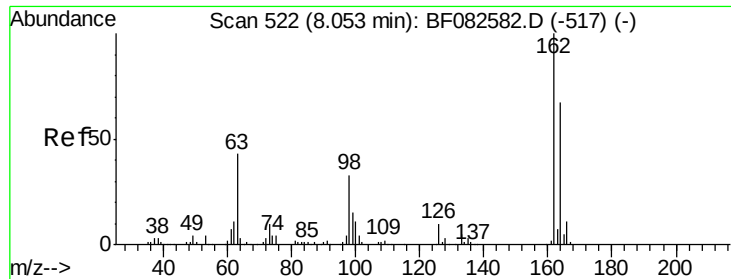


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

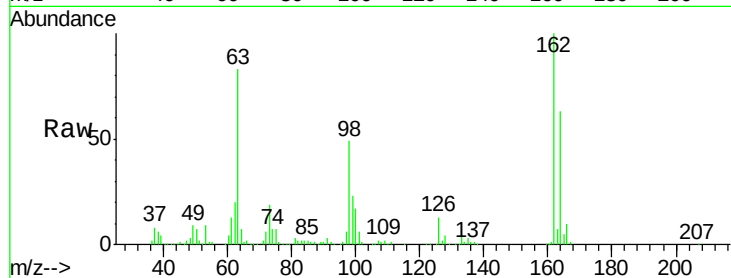




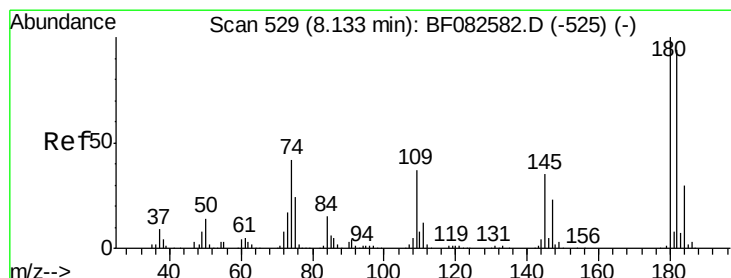
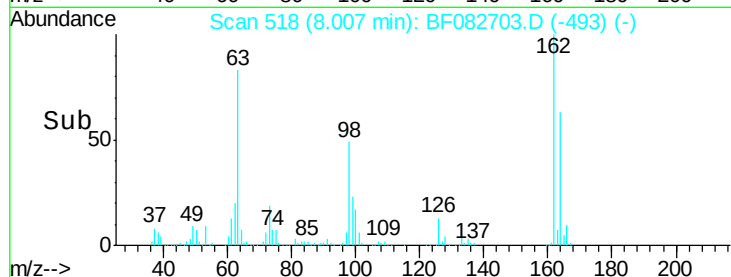
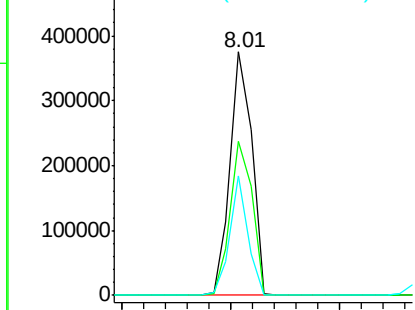
#29
2,4-Dichlorophenol
Concen: 44.77 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

Tgt Ion:162 Resp: 516565
Ion Ratio Lower Upper
162 100
164 63.5 46.8 86.8
98 49.3 12.5 52.5

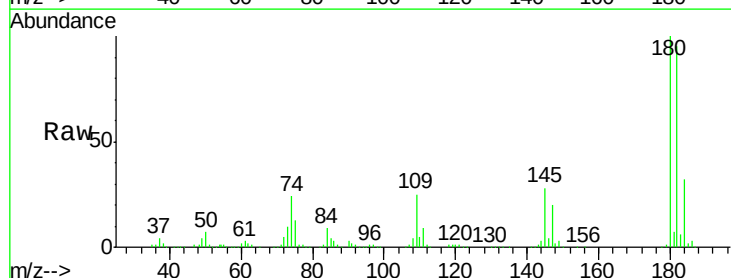


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

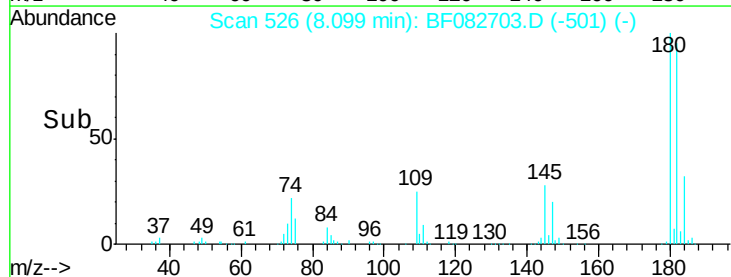
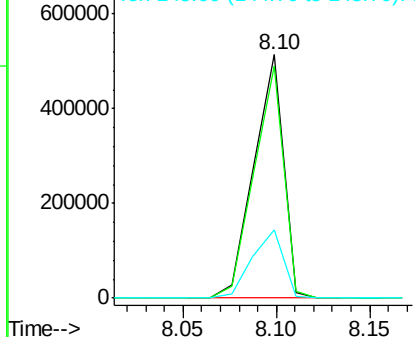


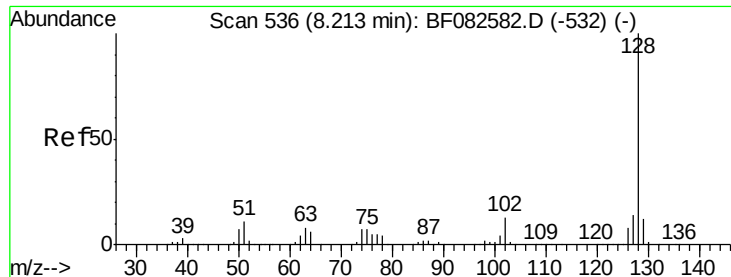
#30
1,2,4-Trichlorobenzene
Concen: 43.93 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion:180 Resp: 562482
Ion Ratio Lower Upper
180 100
182 95.5 74.9 112.3
145 28.3 27.8 41.8



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

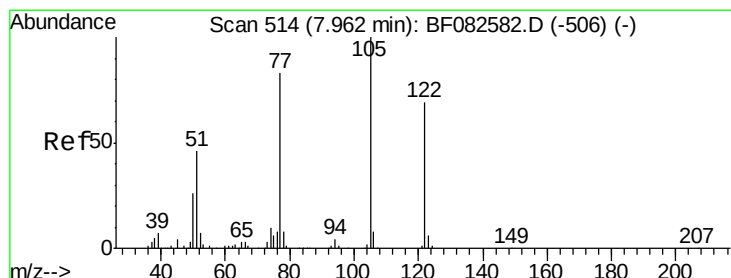
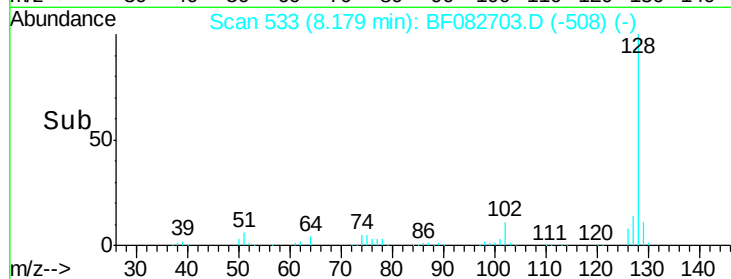
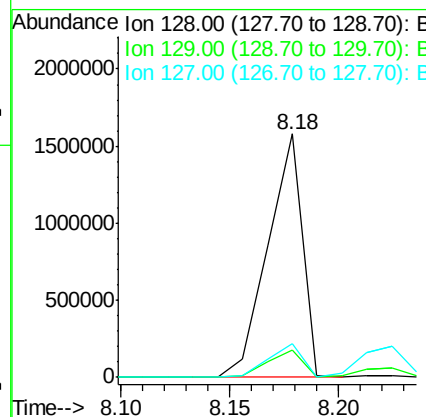
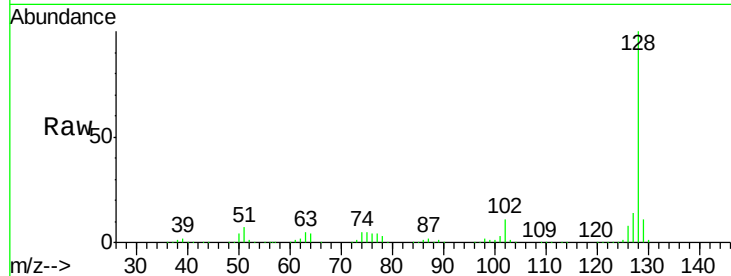




#31
Naphthalene
Concen: 45.54 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

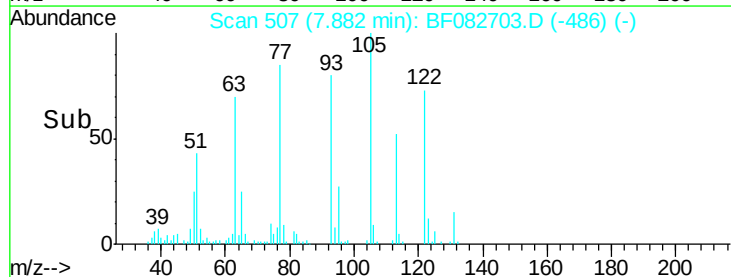
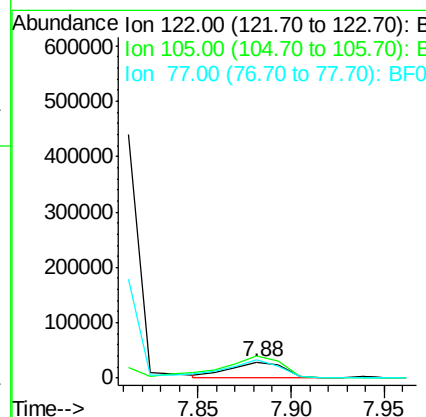
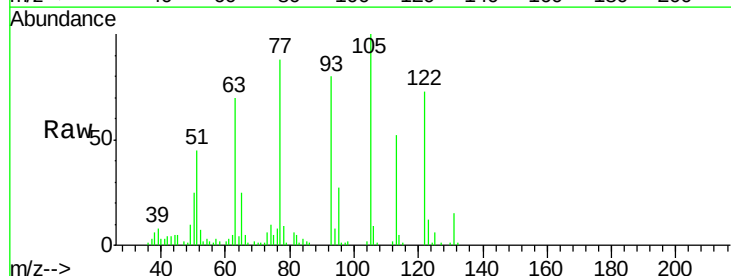
Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

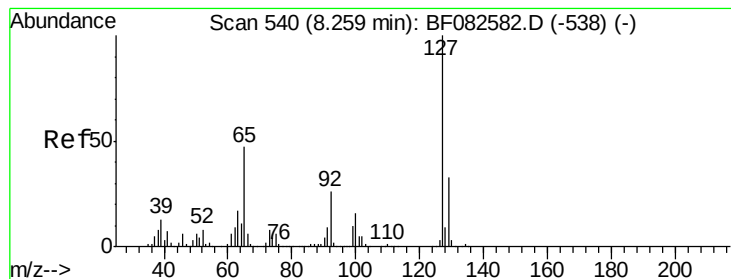
Tgt Ion:128 Resp: 1767222
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 14.0 11.4 17.0



#32
Benzoic acid
Concen: 6.05 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.06 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion:122 Resp: 55562
Ion Ratio Lower Upper
122 100
105 136.7 122.6 162.6
77 120.1 100.9 140.9





#33

4-Chloroaniline

Concen: 18.15 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

Tgt Ion:127 Resp: 300586

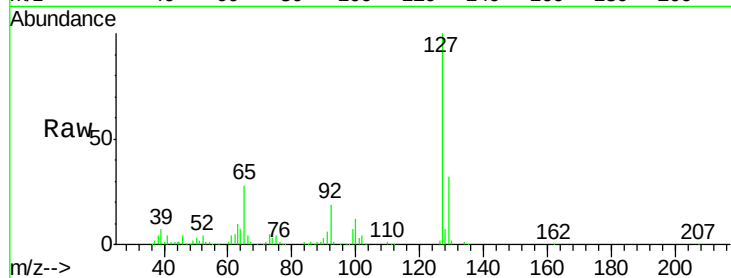
Ion Ratio Lower Upper

127 100

129 31.7 26.3 39.5

65 28.0 37.8 56.8#

92 18.9 20.6 31.0#

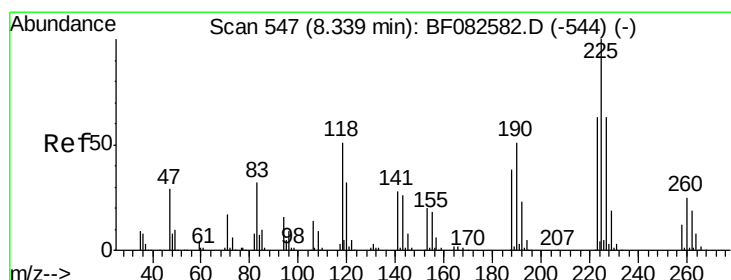
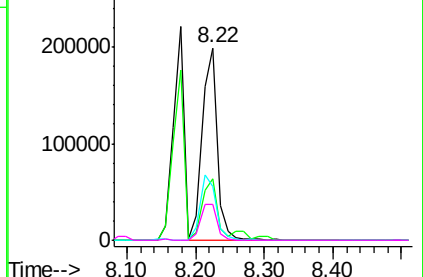
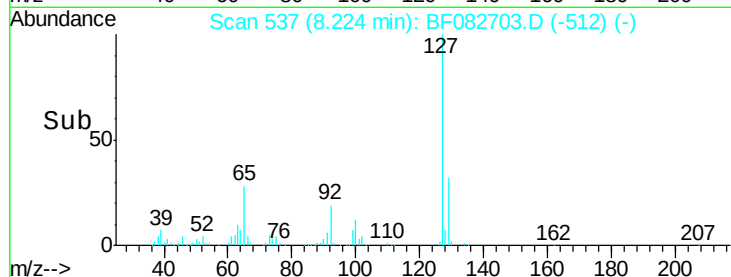


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 44.31 ng

RT: 8.30 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

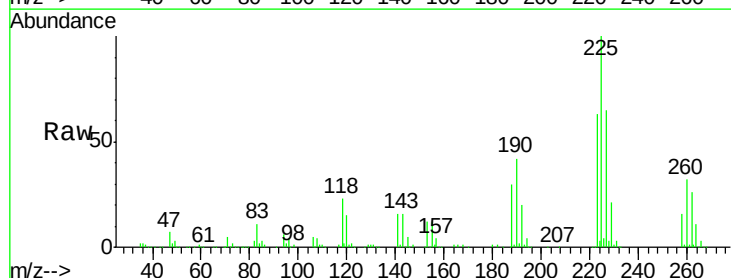
Tgt Ion:225 Resp: 360770

Ion Ratio Lower Upper

225 100

223 63.3 50.5 75.7

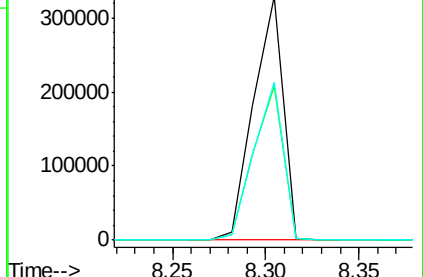
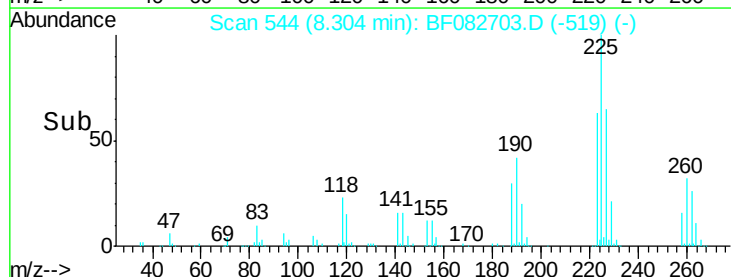
227 64.9 50.2 75.2

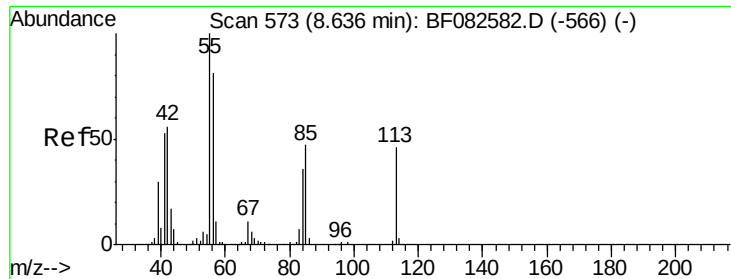


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

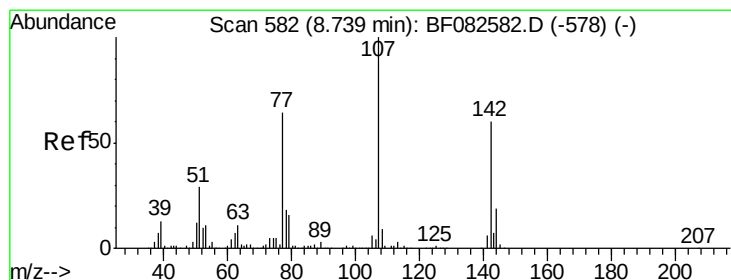
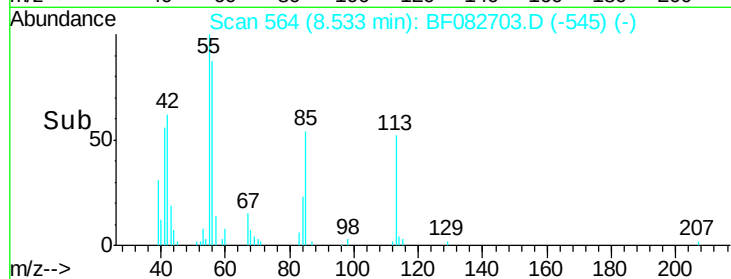
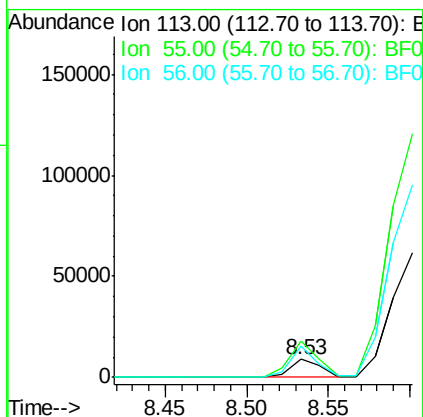
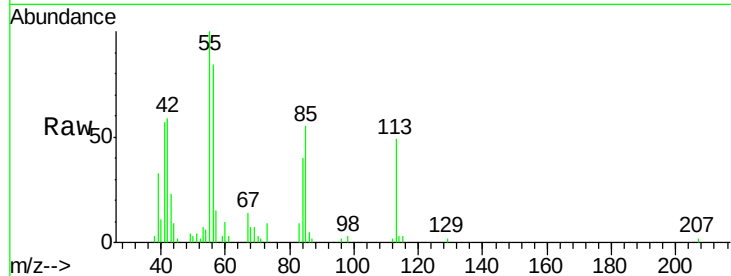




#35
 Caprolactam
 Concen: 3.26 ng
 RT: 8.53 min Scan# 564
 Delta R.T. -0.08 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

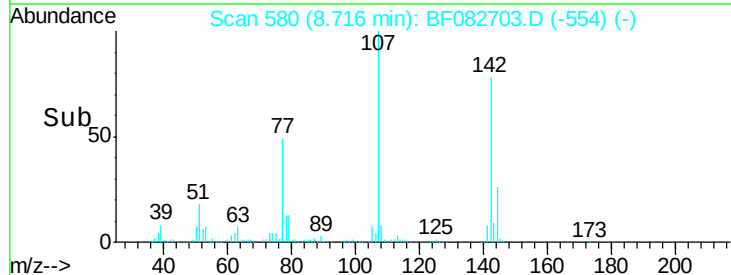
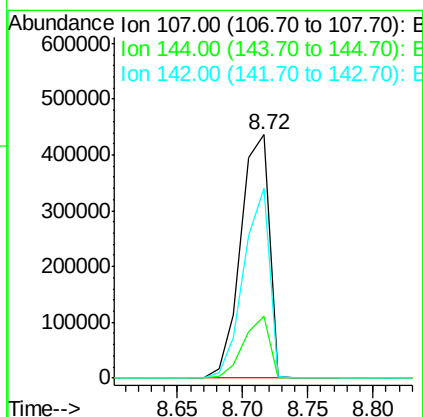
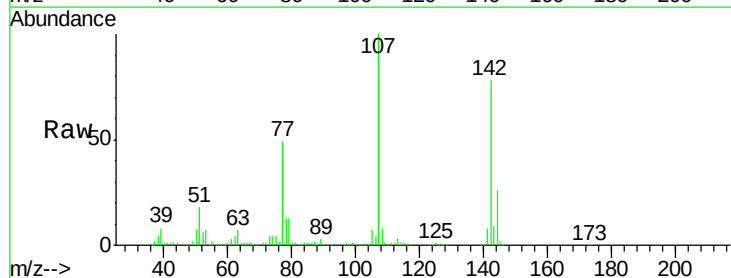
Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

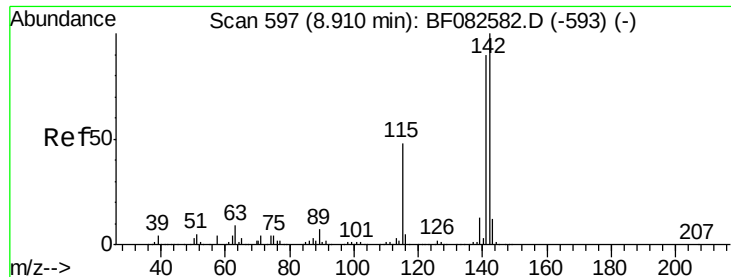
Tgt Ion:113 Resp: 11535
 Ion Ratio Lower Upper
 113 100
 55 202.2 195.5 235.5
 56 170.7 153.5 193.5



#36
 4-Chloro-3-methylphenol
 Concen: 48.93 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion:107 Resp: 664712
 Ion Ratio Lower Upper
 107 100
 144 25.5 15.4 23.0#
 142 77.8 47.8 71.8#





#37

2-Methylnaphthalene

Concen: 42.61 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

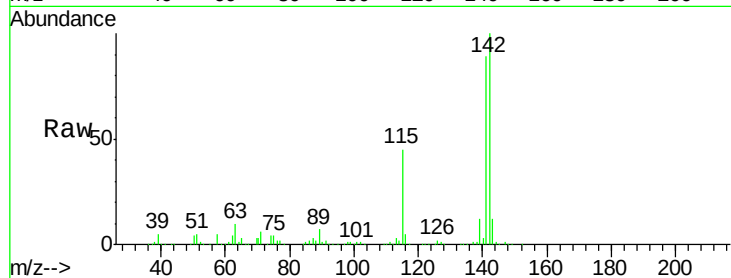
Tgt Ion:142 Resp: 1071620

Ion Ratio Lower Upper

142 100

141 89.3 72.3 108.5

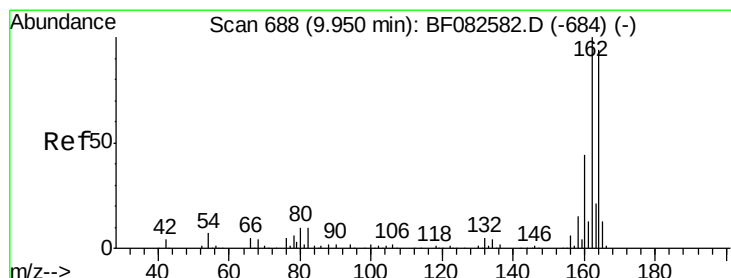
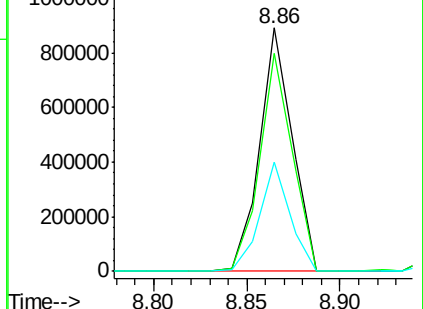
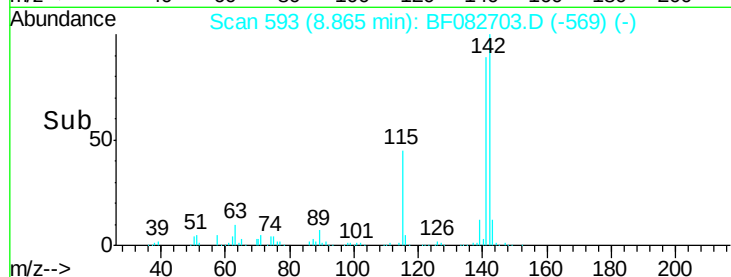
115 44.8 38.1 57.1



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: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

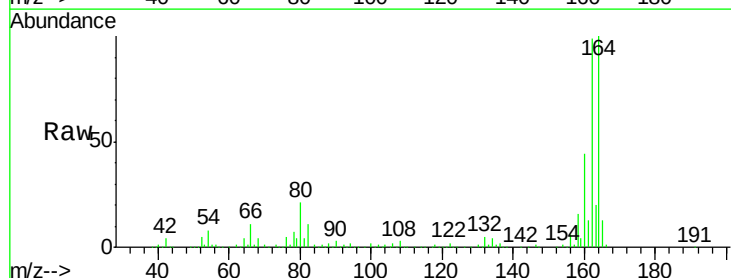
Tgt Ion:164 Resp: 391707

Ion Ratio Lower Upper

164 100

162 98.9 84.9 127.3

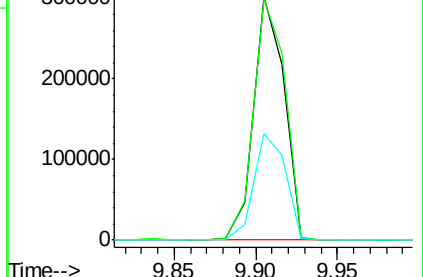
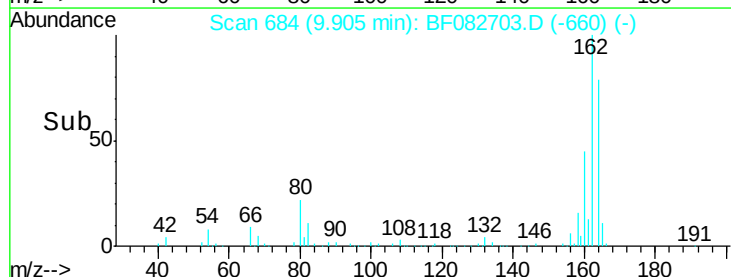
160 44.0 37.5 56.3

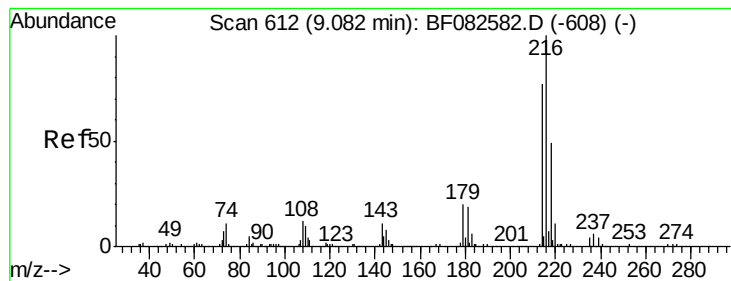


Abundance Ion 164.00 (163.70 to 164.70): E

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: 40.97 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

Tgt Ion:216 Resp: 535523

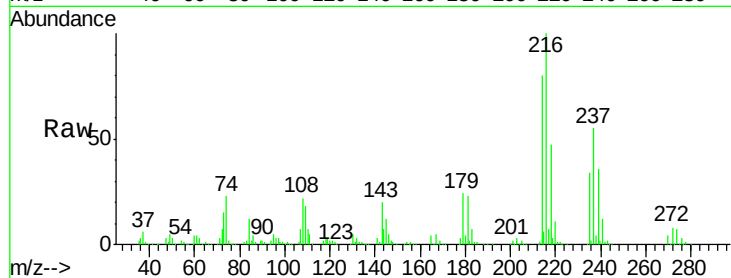
Ion Ratio Lower Upper

216 100

214 79.3 62.2 93.2

179 23.2 18.1 27.1

108 24.2 16.6 25.0

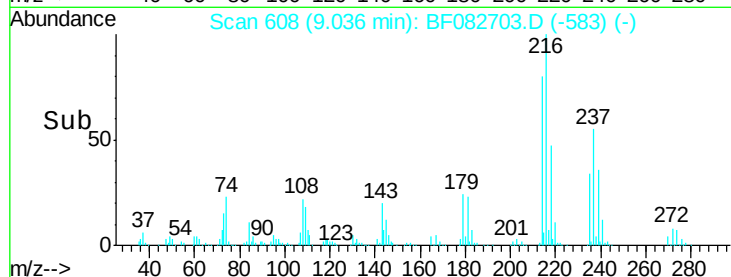


Abundance Ion 216.00 (215.70 to 216.70): E

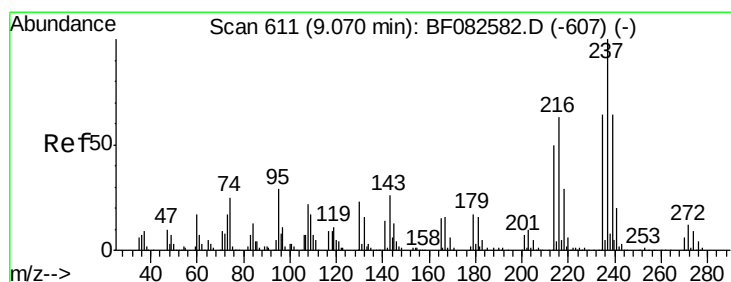
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 73.87 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

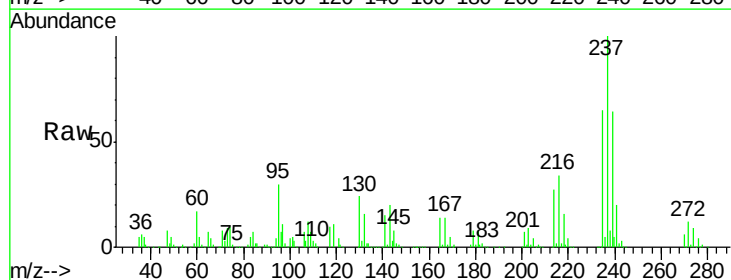
Tgt Ion:237 Resp: 607043

Ion Ratio Lower Upper

237 100

235 64.9 44.3 84.3

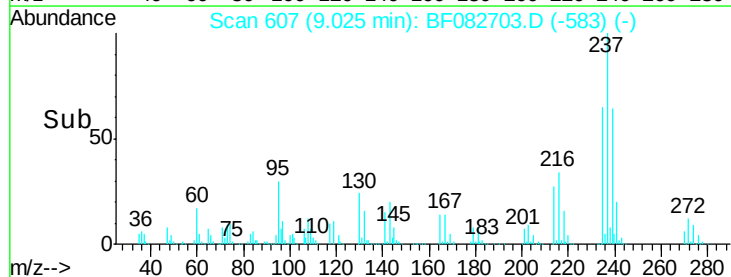
272 11.6 0.0 31.9



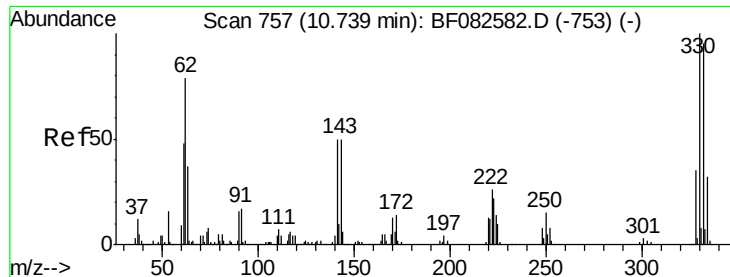
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



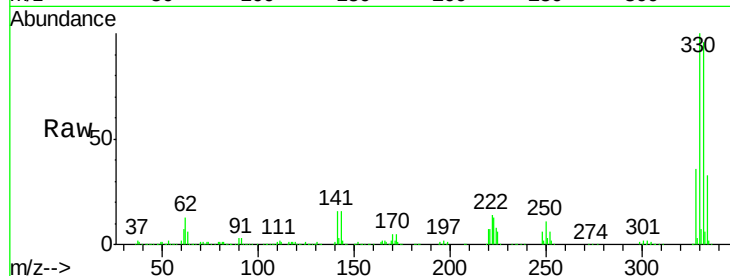
Time-->



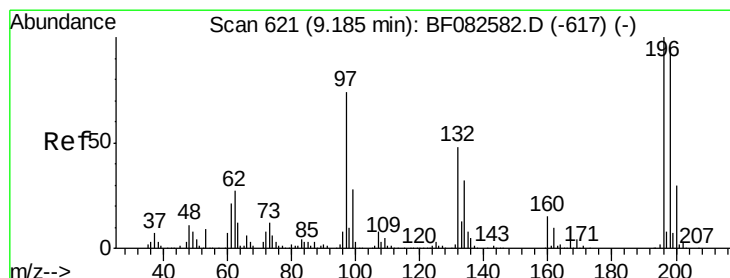
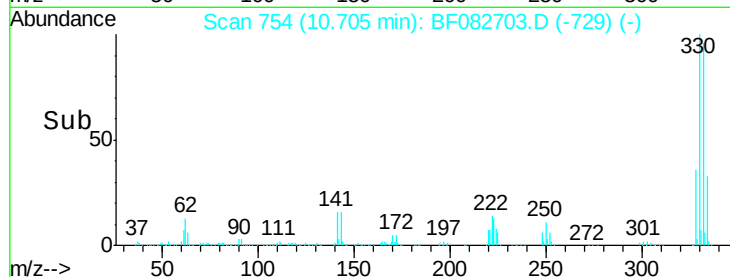
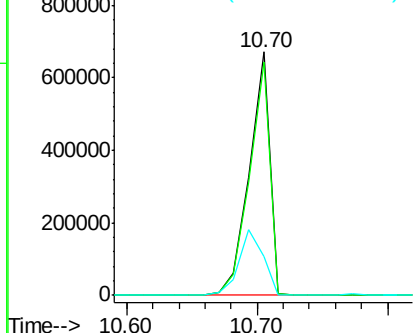
#41
 2,4,6-Tribromophenol
 Concen: 171.08 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

Tgt Ion:330 Resp: 733408
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 31.9 41.2 61.8#

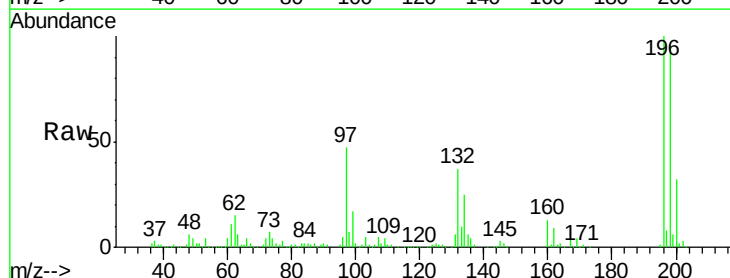


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

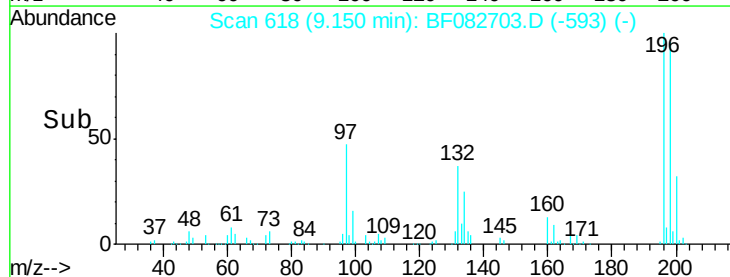
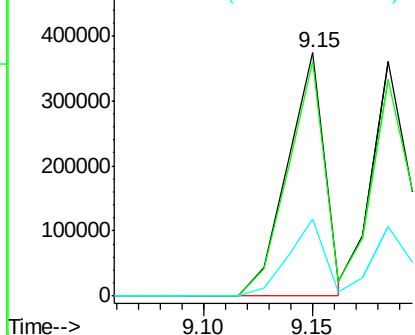


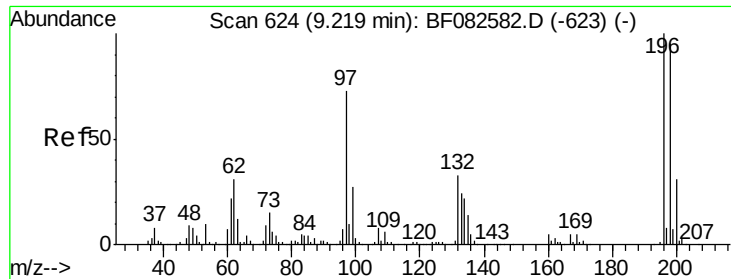
#42
 2,4,6-Trichlorophenol
 Concen: 47.04 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion:196 Resp: 443956
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.3 114.5
 200 31.6 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

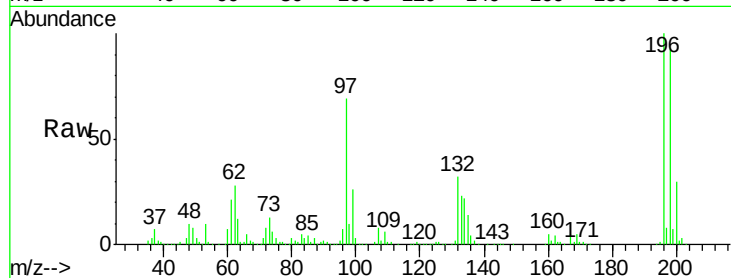




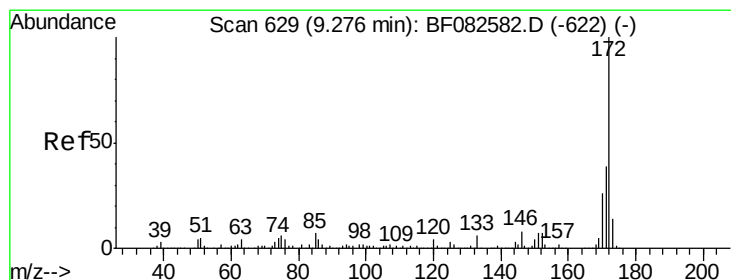
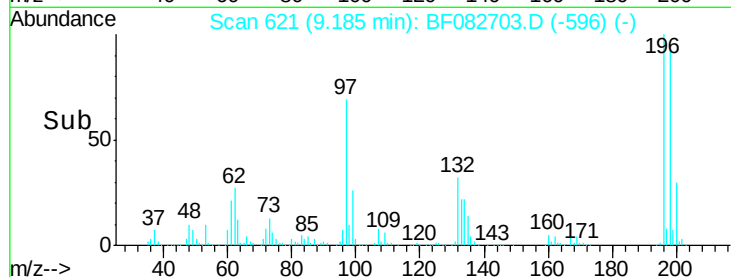
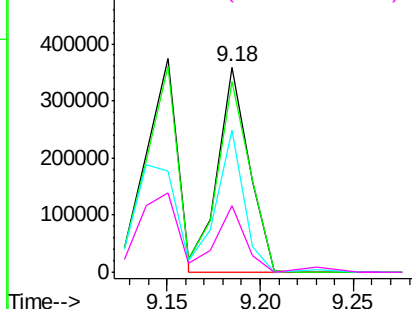
#43
 2,4,5-Trichlorophenol
 Concen: 44.73 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

Tgt Ion:196 Resp: 420621
 Ion Ratio Lower Upper
 196 100
 198 92.7 75.8 113.8
 97 69.3 62.3 93.5
 132 32.3 27.4 41.2

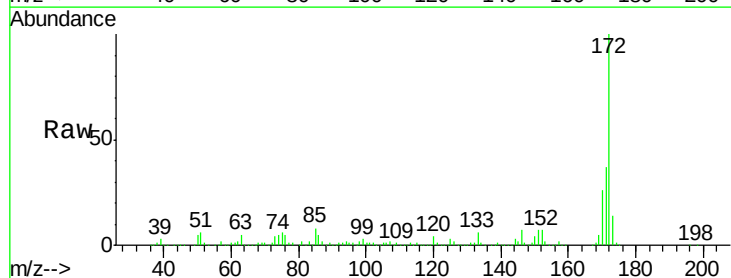


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

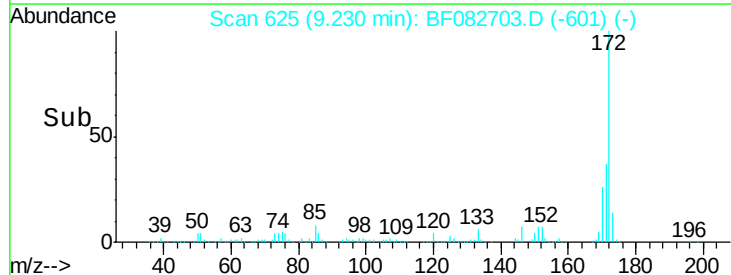
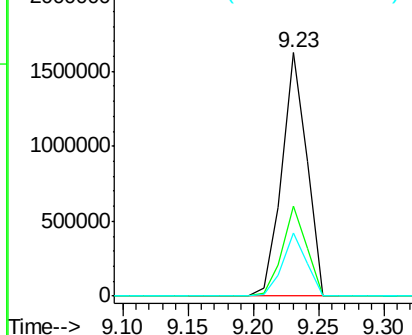


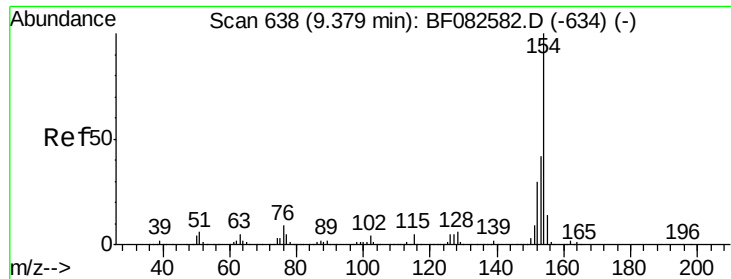
#44
 2-Fluorobiphenyl
 Concen: 78.88 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion:172 Resp: 2176260
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 26.0 21.2 31.8



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

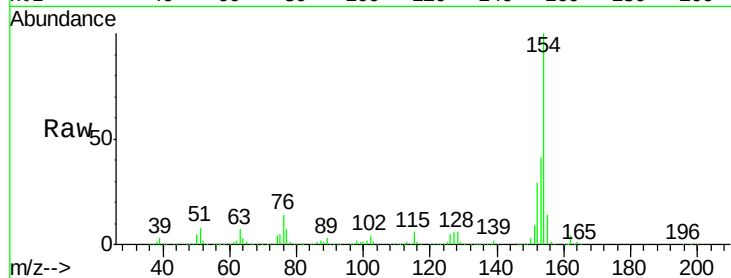




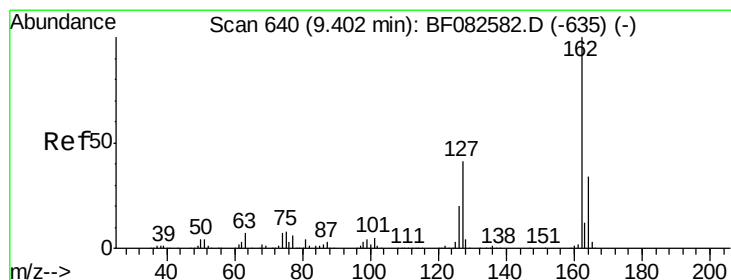
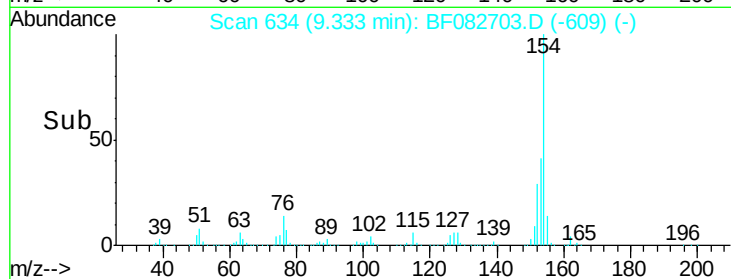
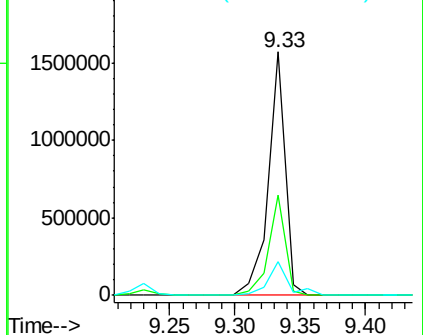
#45
 1,1'-Biphenyl
 Concen: 42.95 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

Tgt Ion:154 Resp: 1421029
 Ion Ratio Lower Upper
 154 100
 153 41.3 22.0 62.0
 76 13.7 0.0 29.0

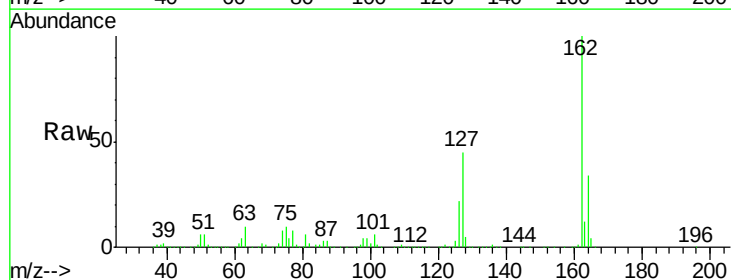


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

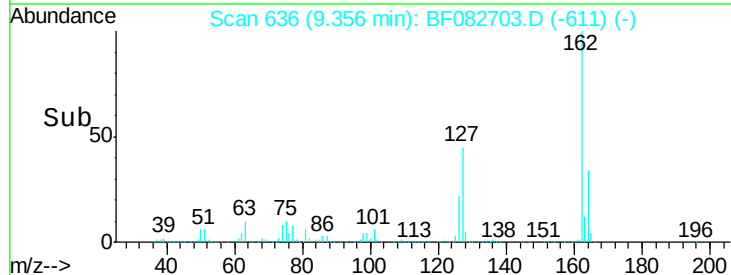
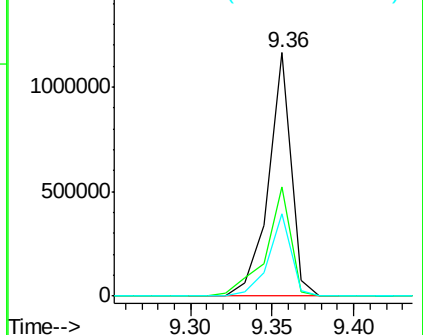


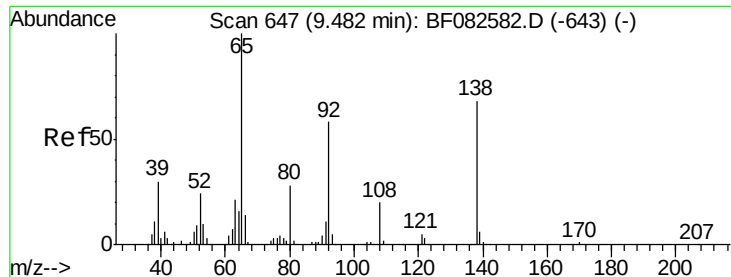
#46
 2-Chloronaphthalene
 Concen: 43.71 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion:162 Resp: 1129357
 Ion Ratio Lower Upper
 162 100
 127 44.6 32.7 49.1
 164 33.9 27.4 41.0



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: 44.41 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

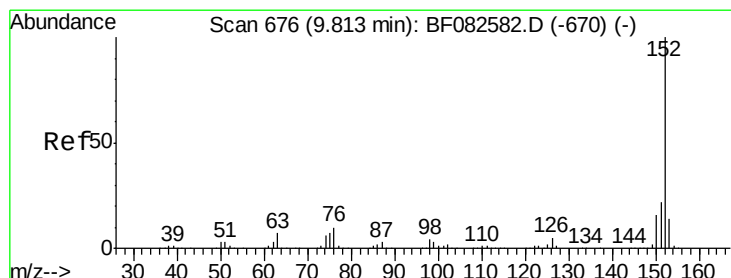
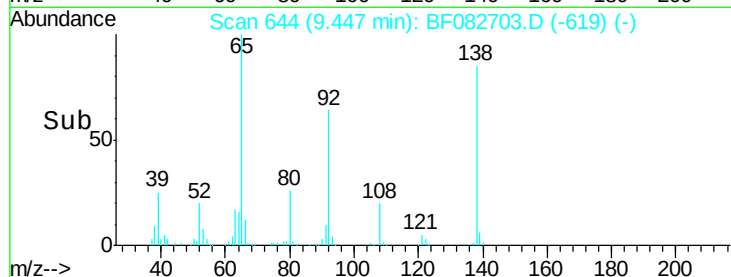
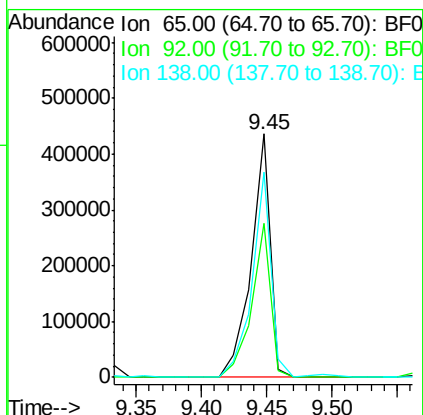
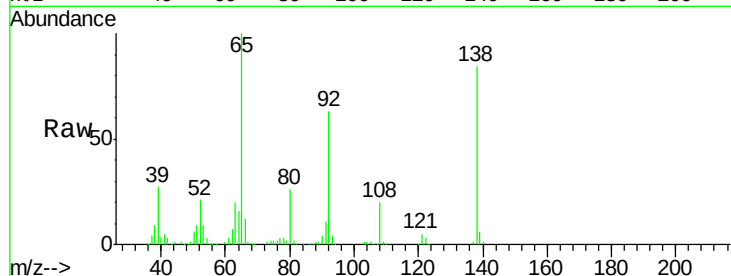
Tgt Ion: 65 Resp: 446042

Ion Ratio Lower Upper

65 100

92 63.4 46.6 70.0

138 84.2 54.6 81.8#



#48

Acenaphthylene

Concen: 42.25 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

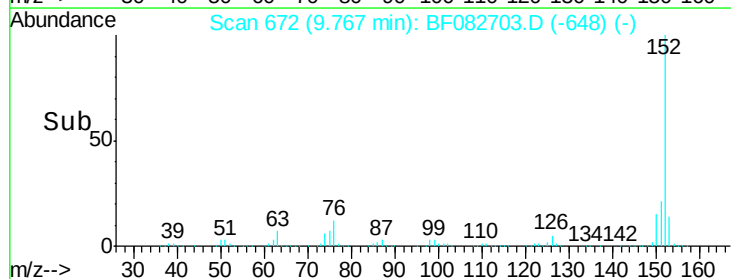
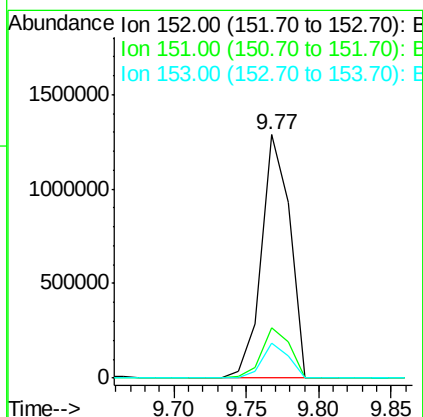
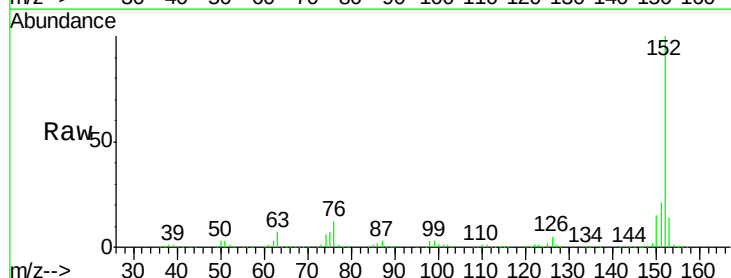
Tgt Ion: 152 Resp: 1745880

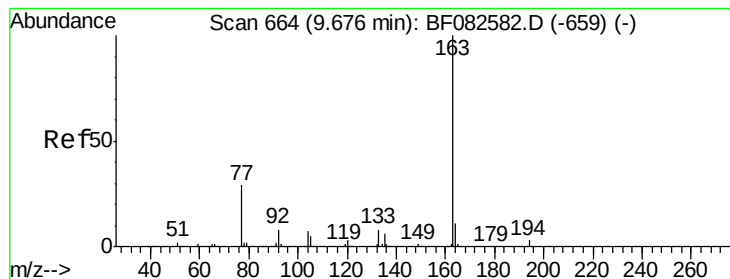
Ion Ratio Lower Upper

152 100

151 20.9 17.3 25.9

153 14.2 11.3 16.9





#49

Dimethylphthalate

Concen: 63.44 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

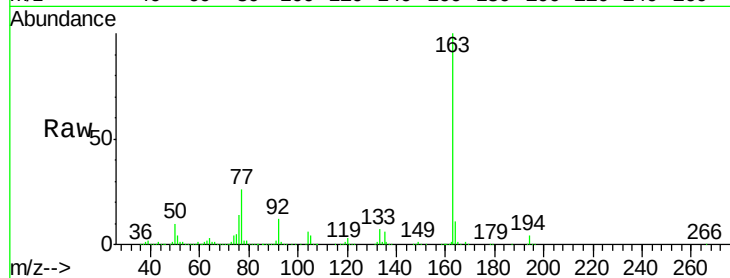
Tgt Ion:163 Resp: 2029572

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

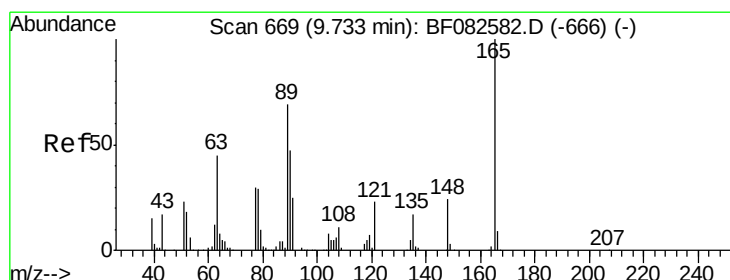
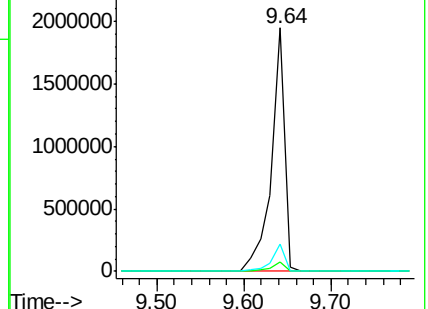
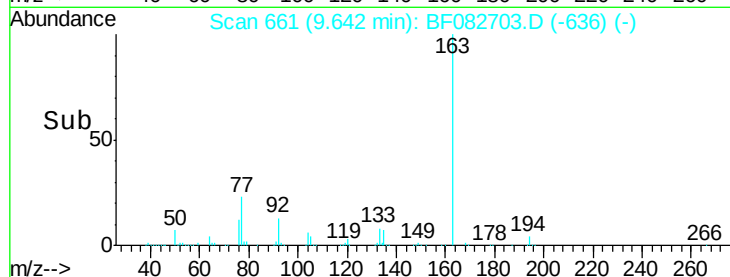
164 11.0 8.7 13.1



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: 52.88 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

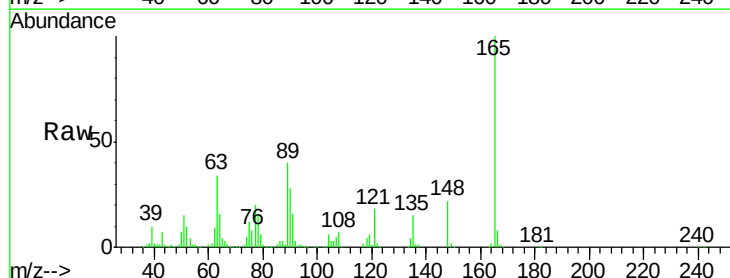
Tgt Ion:165 Resp: 350659

Ion Ratio Lower Upper

165 100

63 34.3 55.5 83.3#

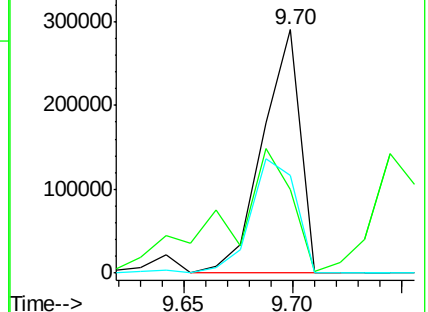
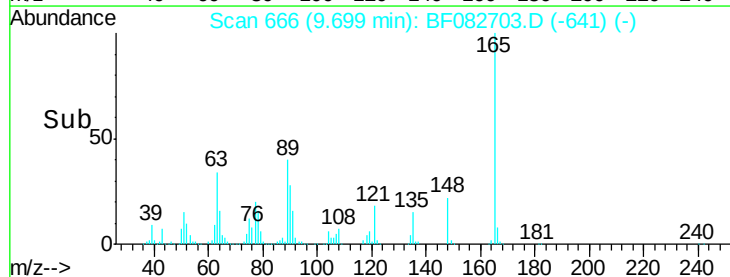
89 40.3 55.0 82.6#

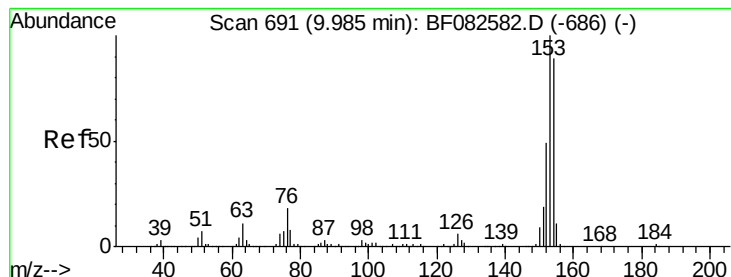


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.13 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

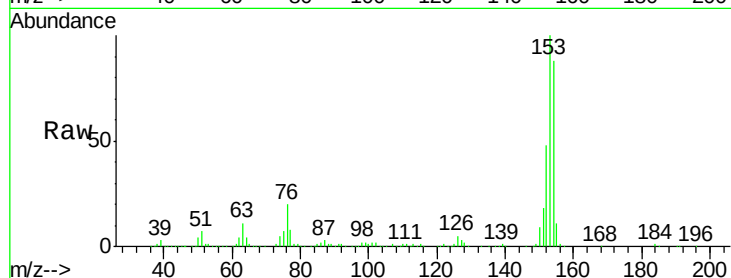
Tgt Ion:154 Resp: 1210032

Ion Ratio Lower Upper

154 100

153 114.0 90.1 135.1

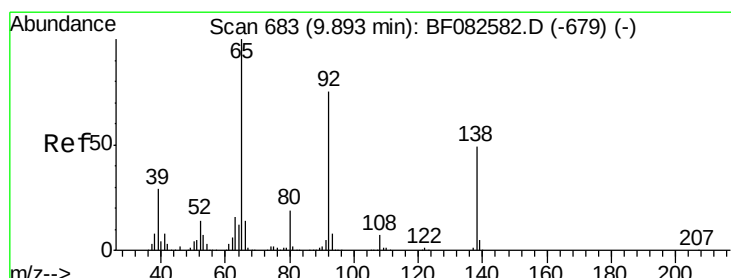
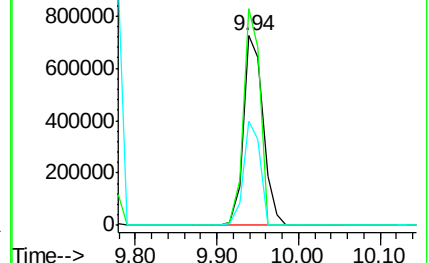
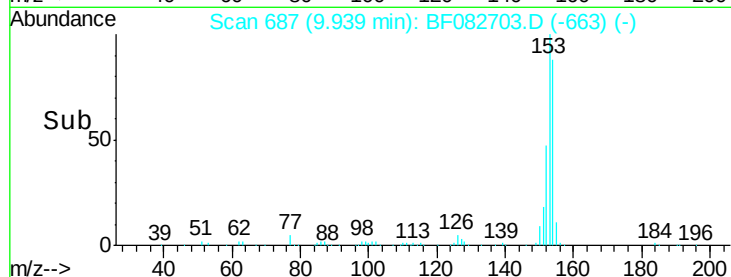
152 55.2 44.3 66.5



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: 31.60 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

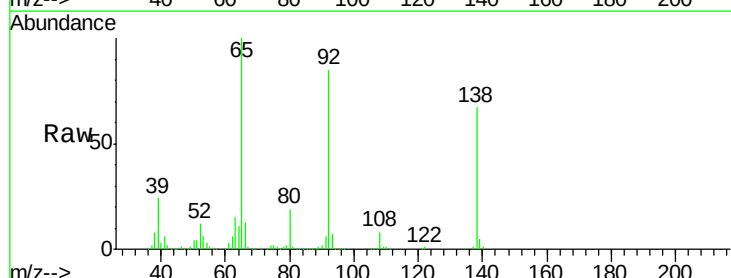
Tgt Ion:138 Resp: 233082

Ion Ratio Lower Upper

138 100

108 11.5 11.3 16.9

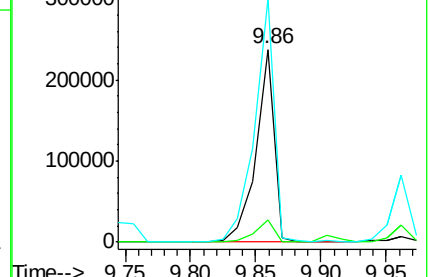
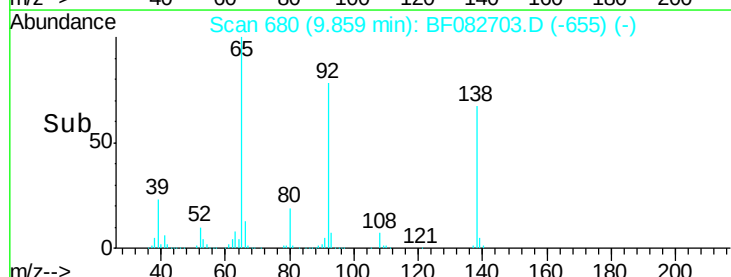
92 126.5 122.4 183.6

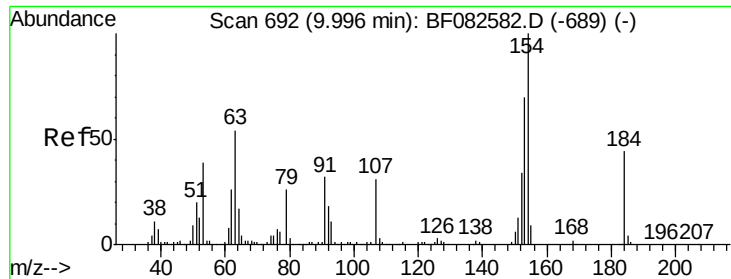


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

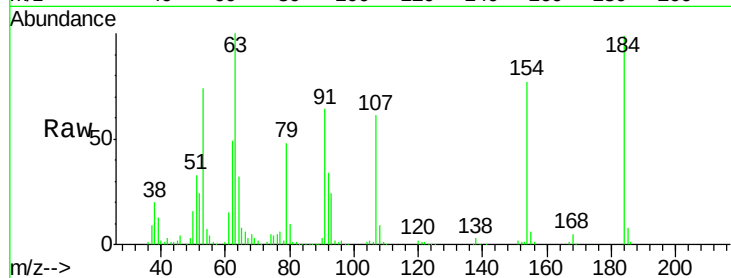




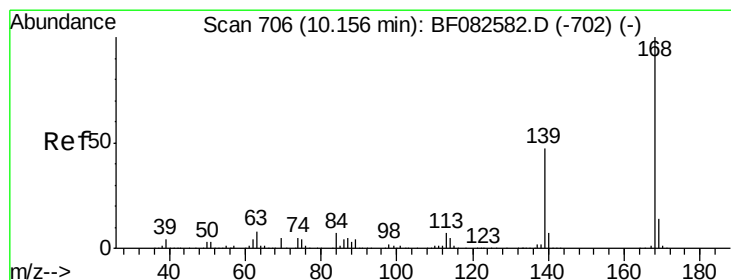
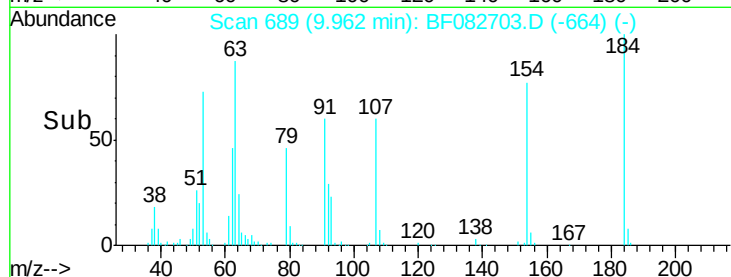
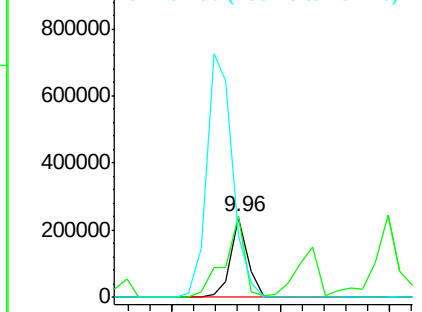
#53
2,4-Dinitrophenol
Concen: 74.27 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

Tgt Ion:184 Resp: 260501
Ion Ratio Lower Upper
184 100
63 100.7 98.6 148.0
154 77.5 183.9 275.9#

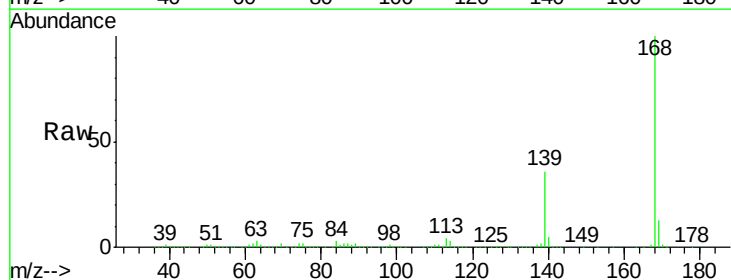


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

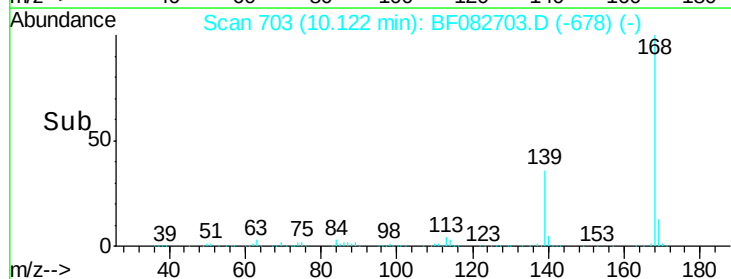
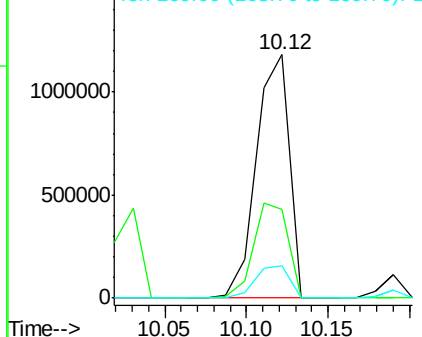


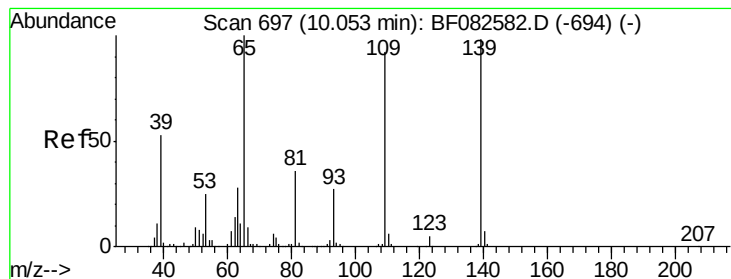
#54
Dibenzofuran
Concen: 46.52 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion:168 Resp: 1655883
Ion Ratio Lower Upper
168 100
139 36.3 37.8 56.6#
169 13.4 11.3 16.9



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: 104.47 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

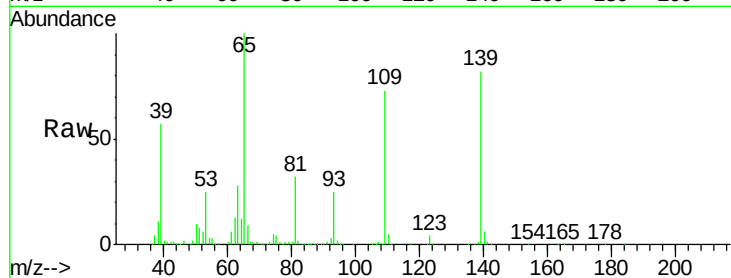
Tgt Ion:139 Resp: 579833

Ion Ratio Lower Upper

139 100

109 89.1 73.7 113.7

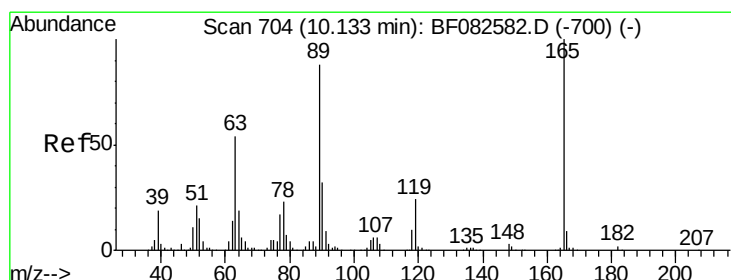
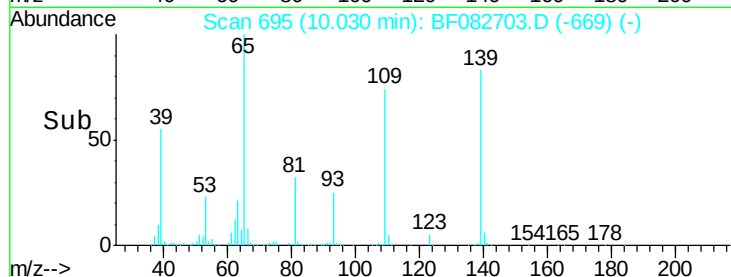
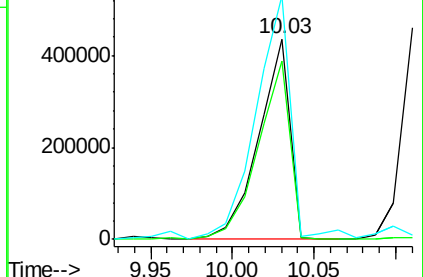
65 121.3 82.9 122.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 51.88 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Tgt Ion:165 Resp: 465222

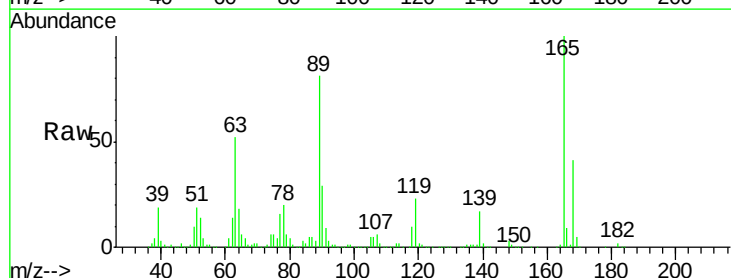
Ion Ratio Lower Upper

165 100

63 52.4 43.4 65.0

89 81.3 70.6 106.0

182 2.2 1.5 2.3

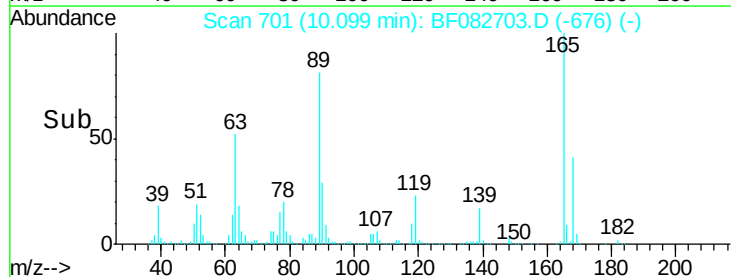
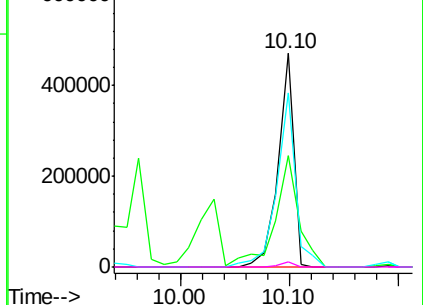


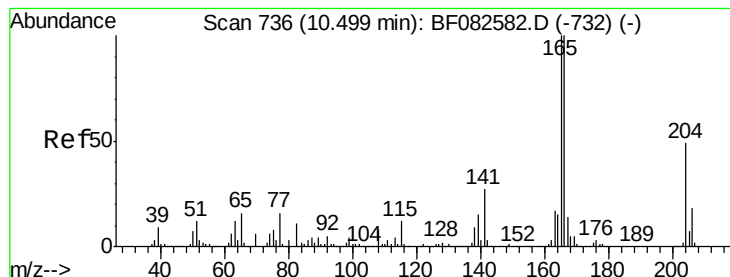
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.92 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

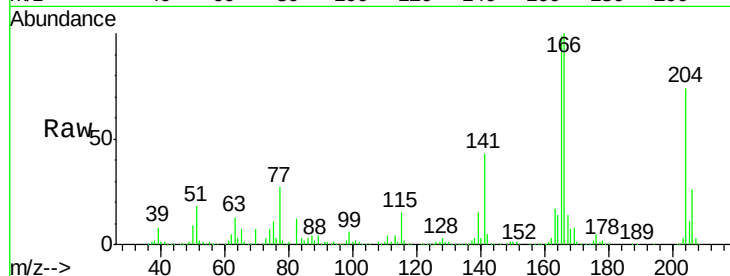
Tgt Ion:166 Resp: 1261032

Ion Ratio Lower Upper

166 100

165 98.8 80.2 120.4

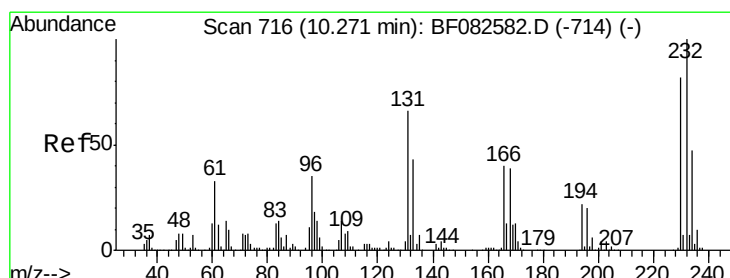
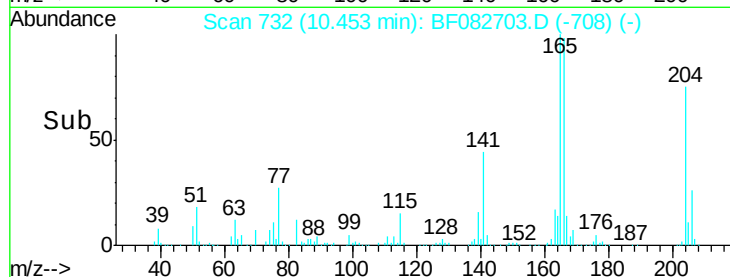
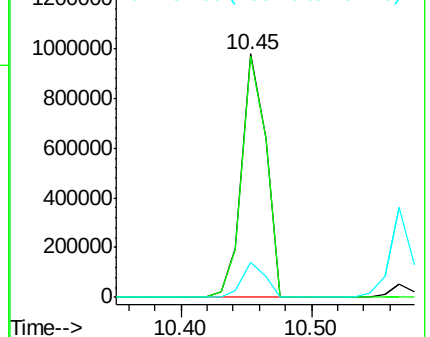
167 14.4 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.83 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Tgt Ion:232 Resp: 396061

Ion Ratio Lower Upper

232 100

131 46.1 46.2 69.2#

130 2.3 2.4 3.6#

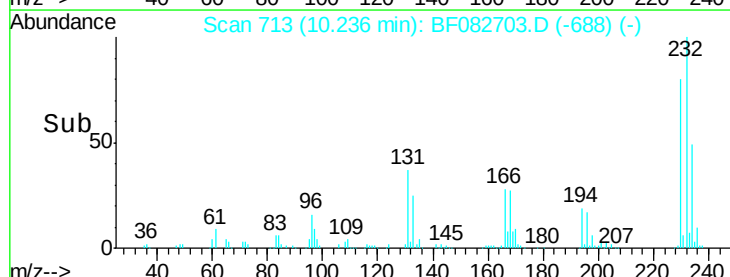
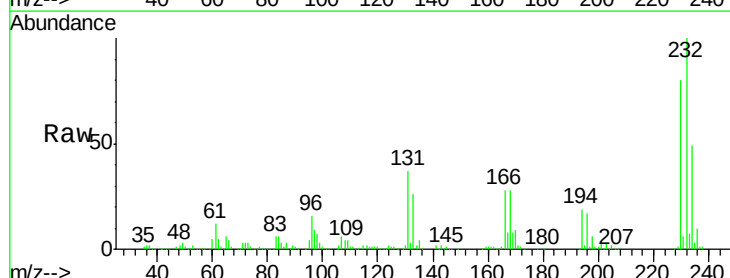
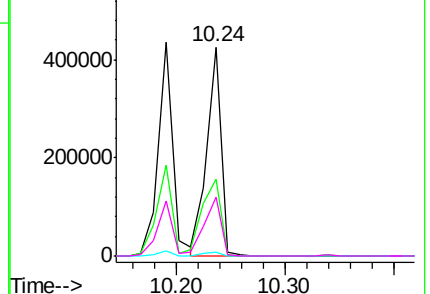
166 33.0 28.2 42.2

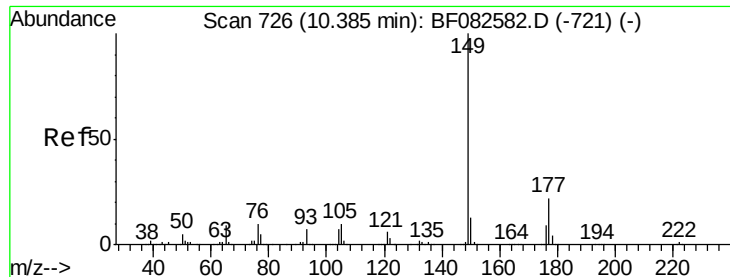
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

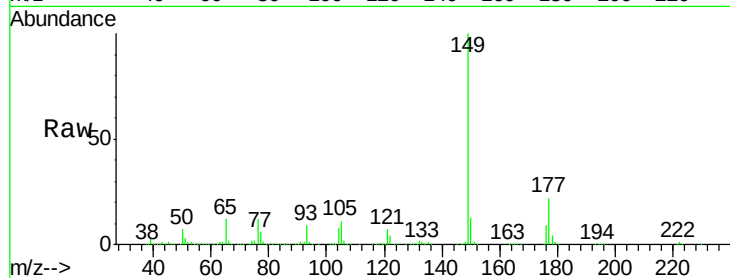




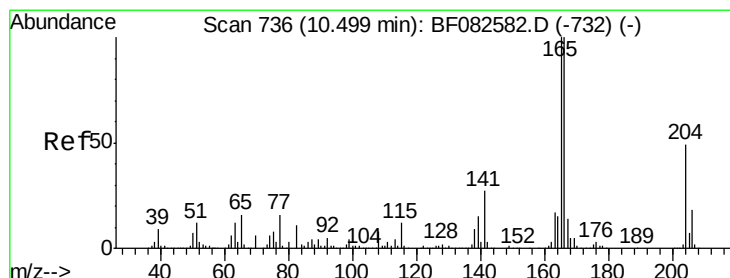
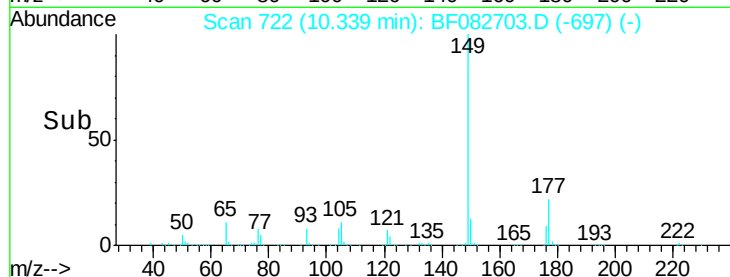
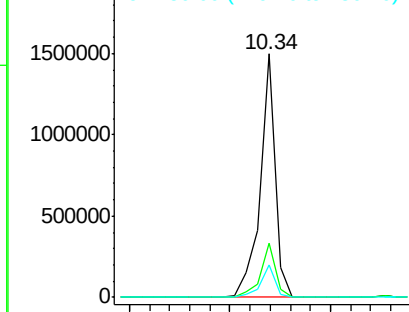
#59
Diethylphthalate
Concen: 47.54 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

Tgt Ion:149 Resp: 1548196
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 13.5 10.1 15.1

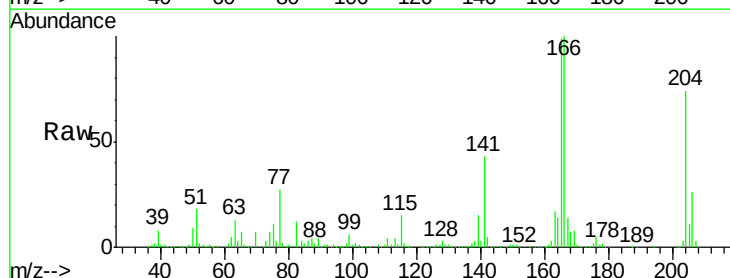


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

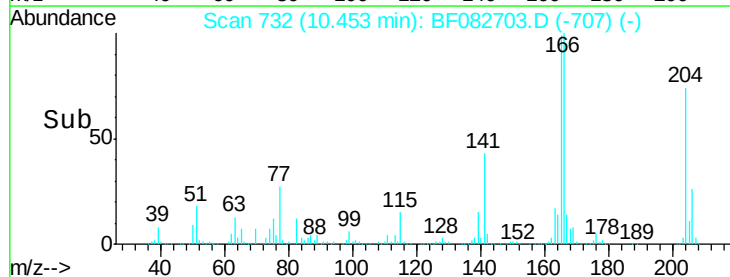
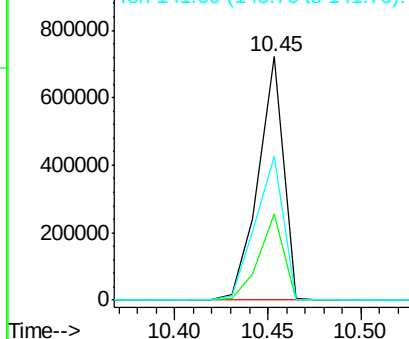


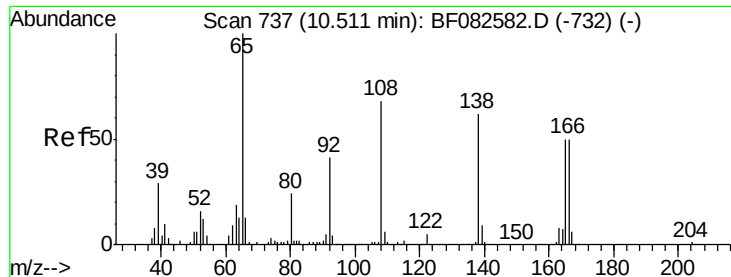
#60
4-Chlorophenyl-phenylether
Concen: 48.24 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion:204 Resp: 673245
Ion Ratio Lower Upper
204 100
206 35.3 28.5 42.7
141 58.8 44.6 66.8



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

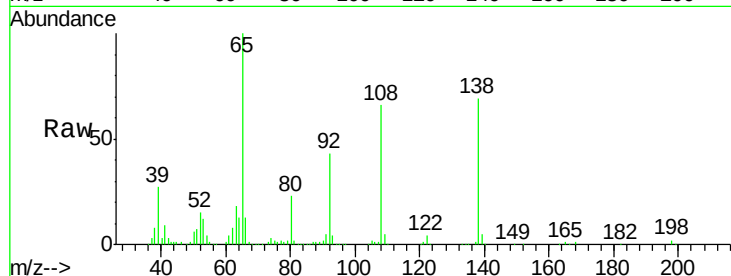




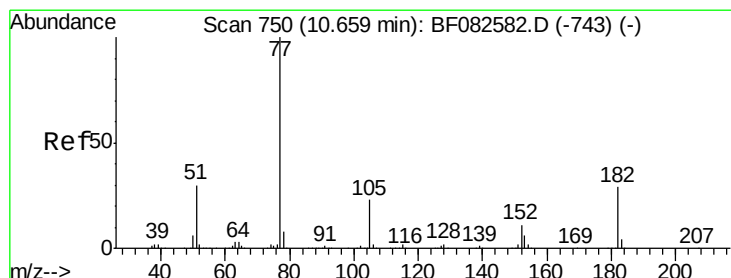
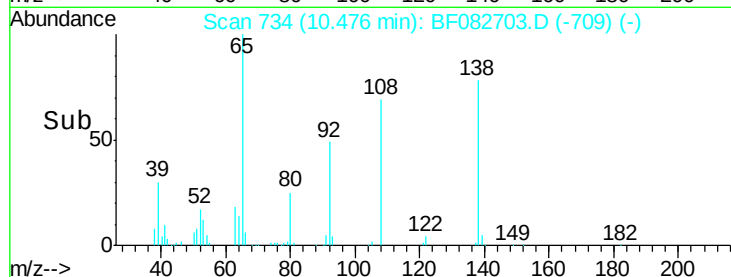
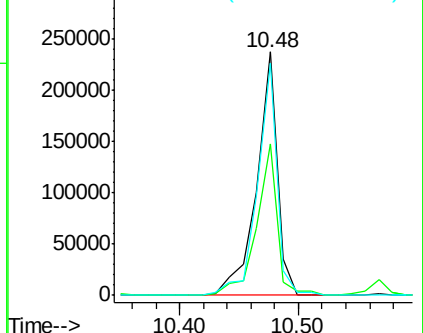
#61
4-Nitroaniline
Concen: 41.46 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

Tgt Ion:138 Resp: 291884
Ion Ratio Lower Upper
138 100
92 62.4 45.8 85.8
108 95.4 89.4 129.4

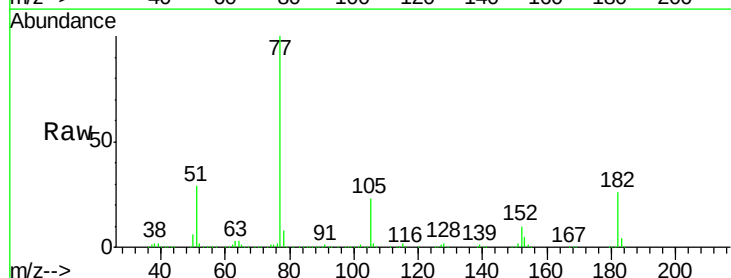


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

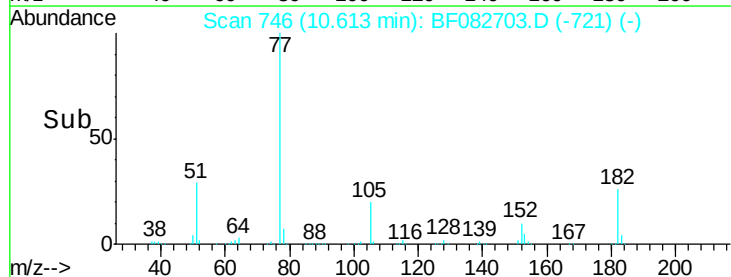
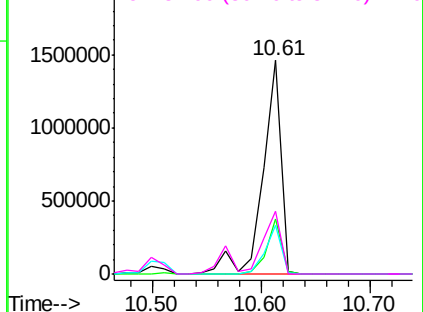


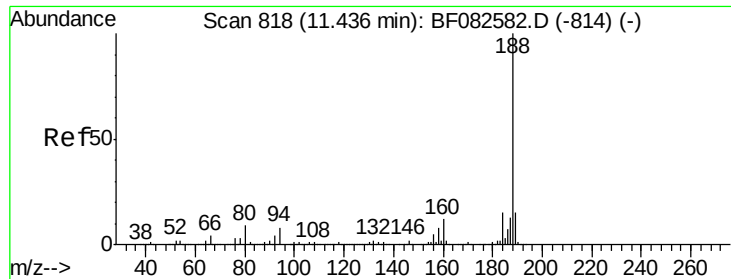
#62
Azobenzene
Concen: 47.24 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion: 77 Resp: 1735041
Ion Ratio Lower Upper
77 100
182 25.5 9.3 49.3
105 22.5 2.6 42.6
51 29.2 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

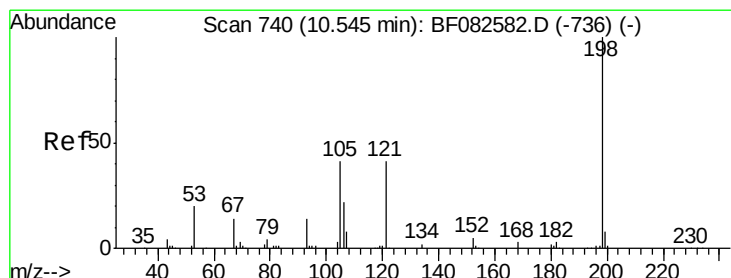
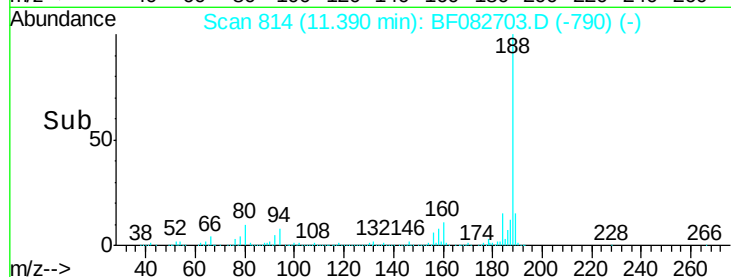
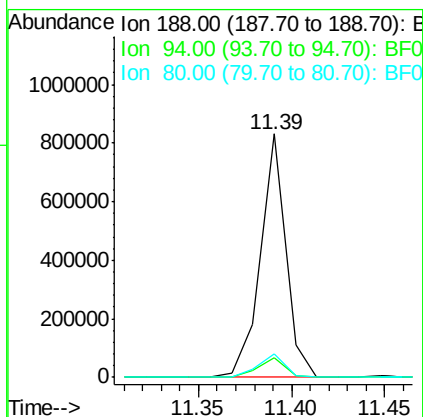
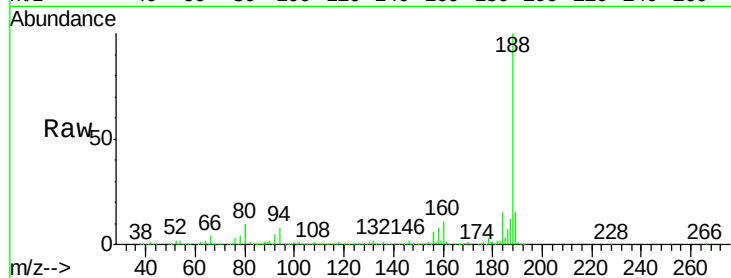




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

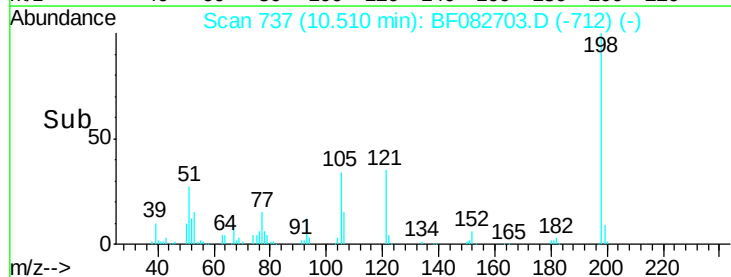
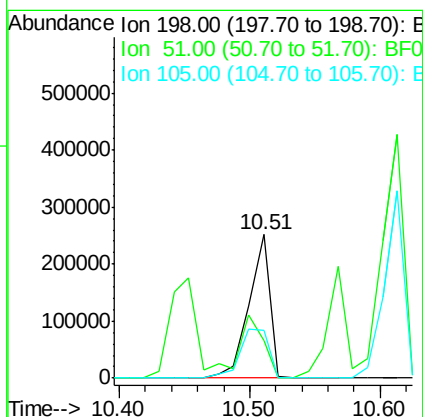
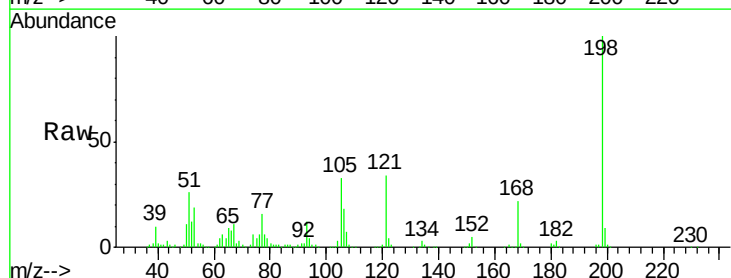
Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

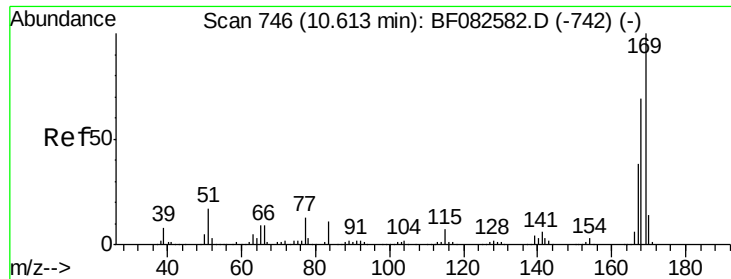
Tgt Ion:188 Resp: 780206
Ion Ratio Lower Upper
188 100
94 8.3 6.1 9.1
80 9.8 7.0 10.6



#64
4,6-Dinitro-2-methylphenol
Concen: 59.90 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion:198 Resp: 281885
Ion Ratio Lower Upper
198 100
51 25.9 17.3 57.3
105 32.9 21.7 61.7

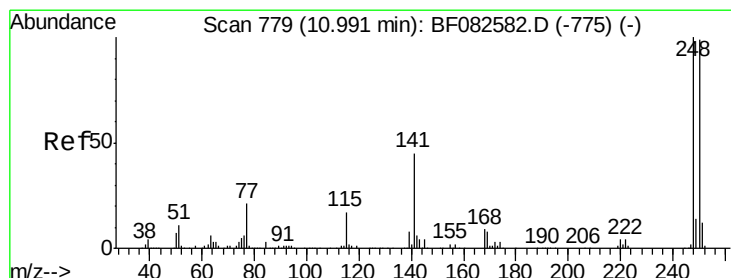
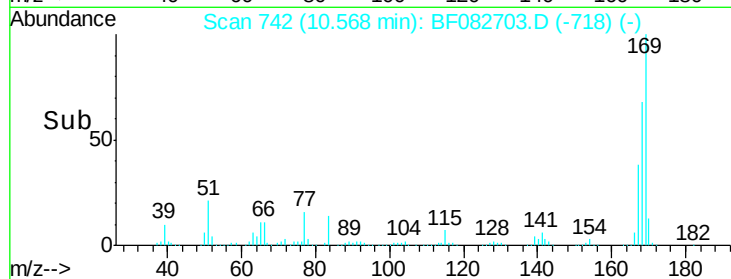
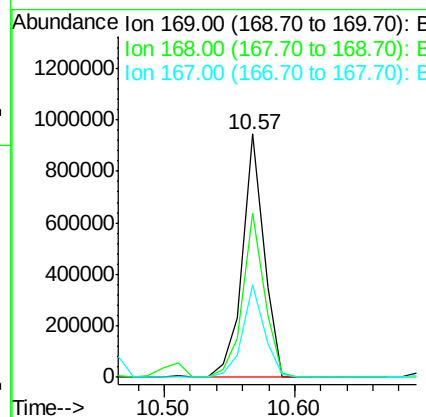
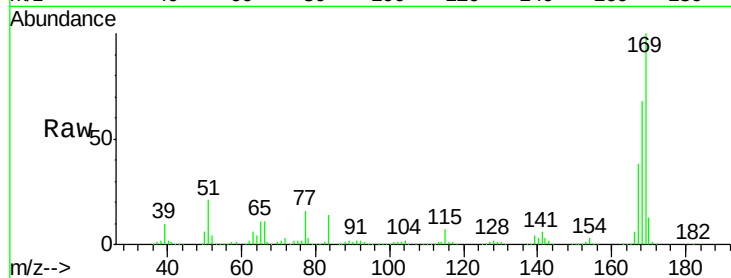




#65
 n-Nitrosodiphenylamine
 Concen: 40.37 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

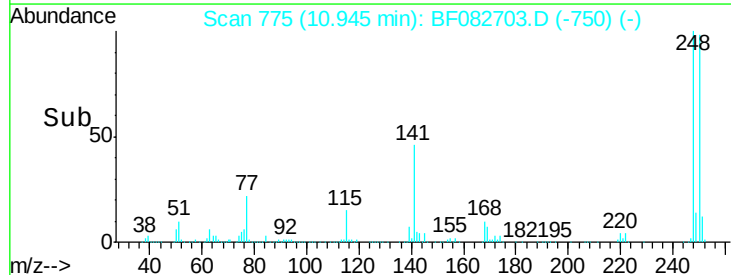
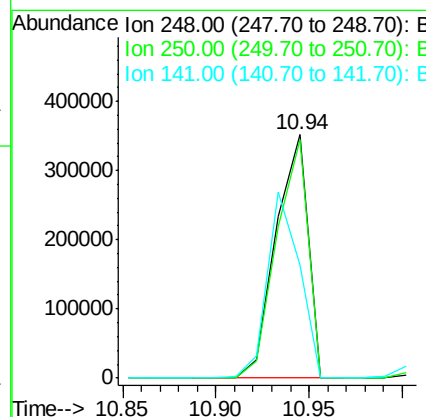
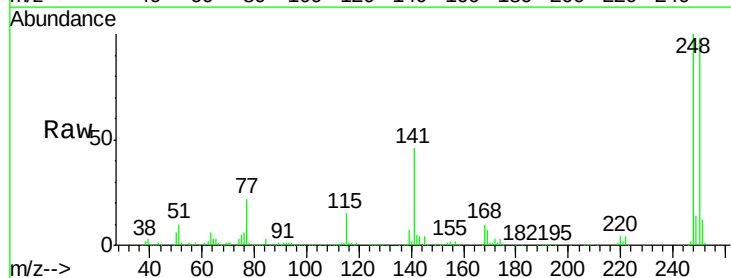
Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

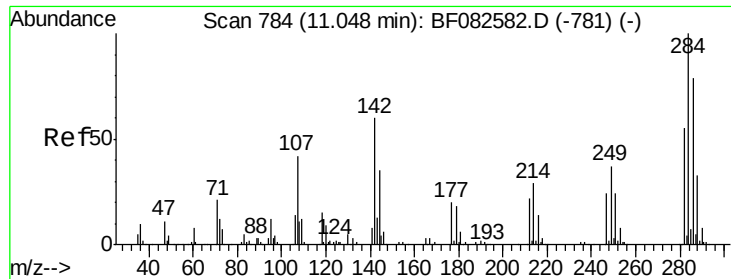
Tgt Ion:169 Resp: 1082697
 Ion Ratio Lower Upper
 169 100
 168 67.7 55.0 82.6
 167 38.1 30.5 45.7



#66
 4-Bromophenyl-phenylether
 Concen: 47.70 ng
 RT: 10.94 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion:248 Resp: 421720
 Ion Ratio Lower Upper
 248 100
 250 97.8 79.4 119.2
 141 46.3 36.3 54.5

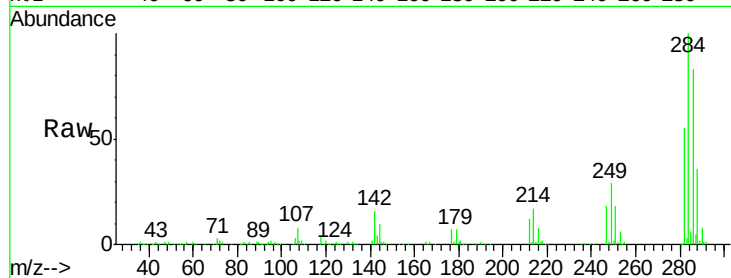




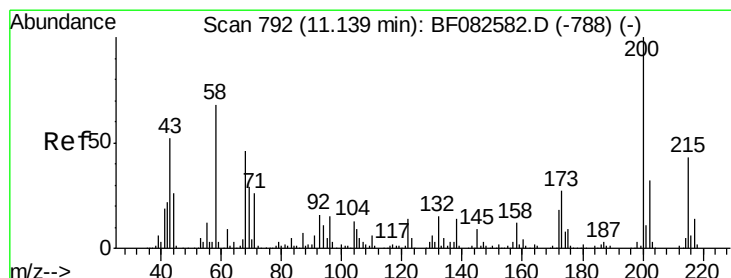
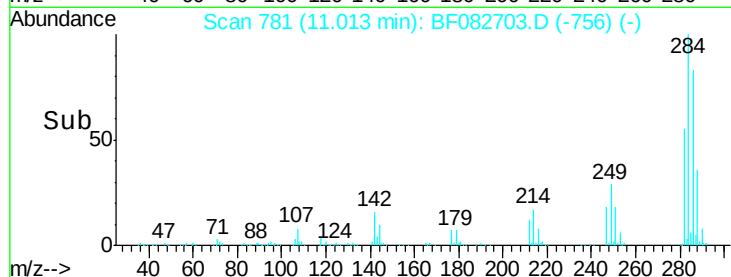
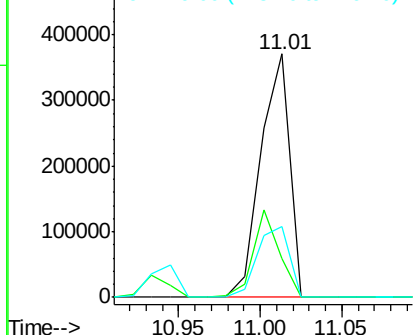
#67
Hexachlorobenzene
Concen: 46.28 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

Tgt Ion:284 Resp: 453720
Ion Ratio Lower Upper
284 100
142 15.8 47.9 71.9#
249 29.2 29.7 44.5#

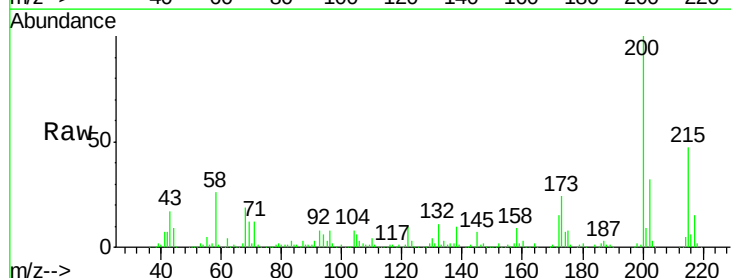


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

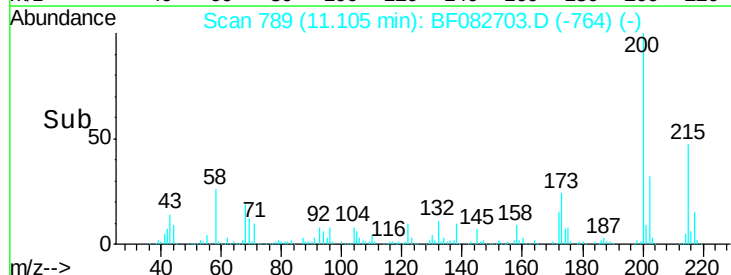
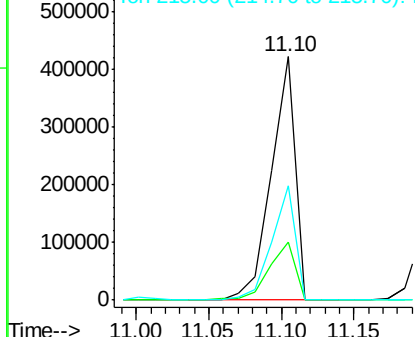


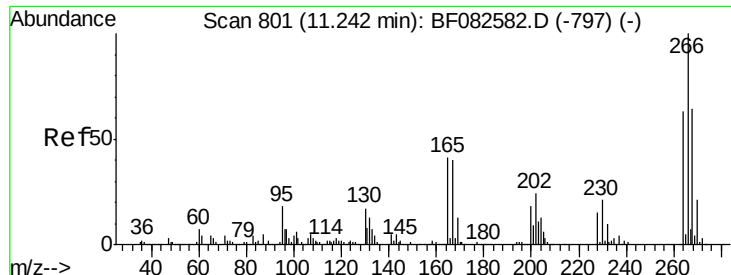
#68
Atrazine
Concen: 54.85 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion:200 Resp: 481317
Ion Ratio Lower Upper
200 100
173 23.9 6.9 46.9
215 47.0 22.9 62.9



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

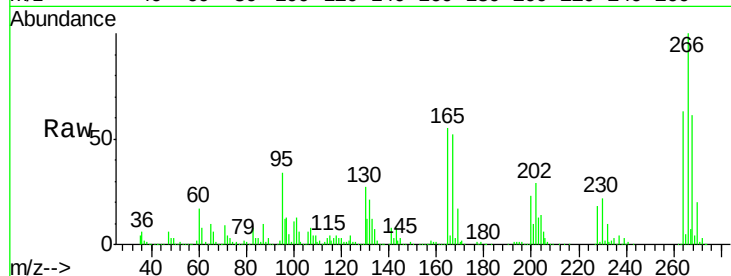




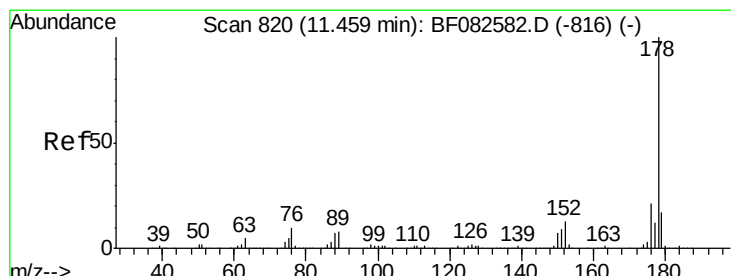
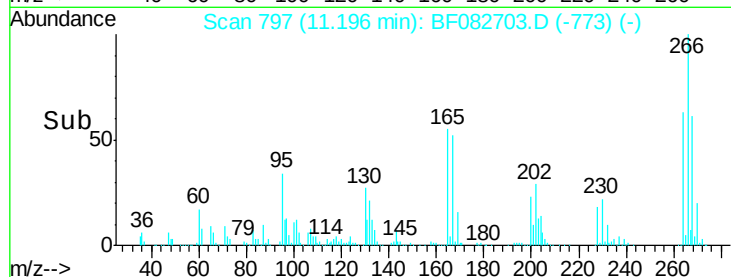
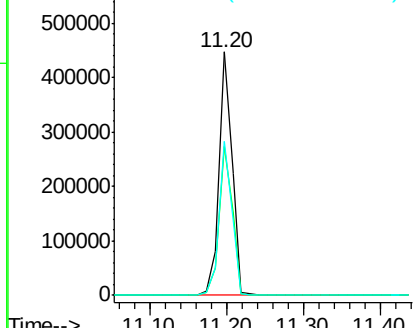
#69
 Pentachlorophenol
 Concen: 81.87 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.02 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

Tgt Ion:266 Resp: 529234
 Ion Ratio Lower Upper
 266 100
 268 61.4 51.0 76.6
 264 63.3 50.6 75.8

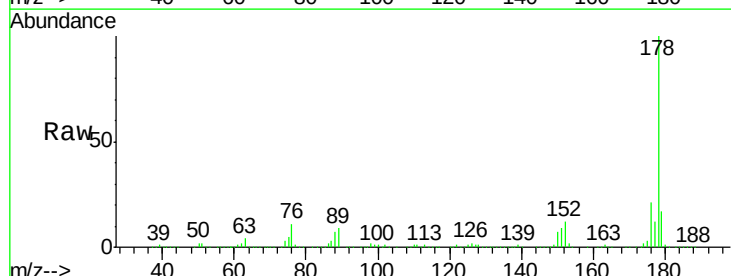


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

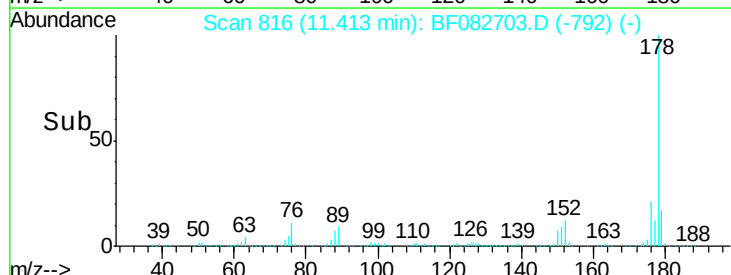
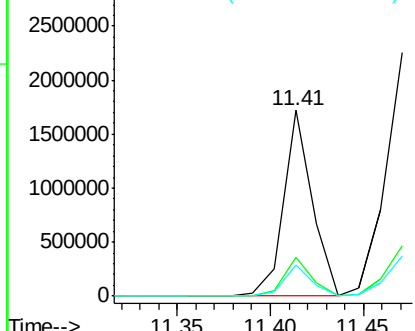


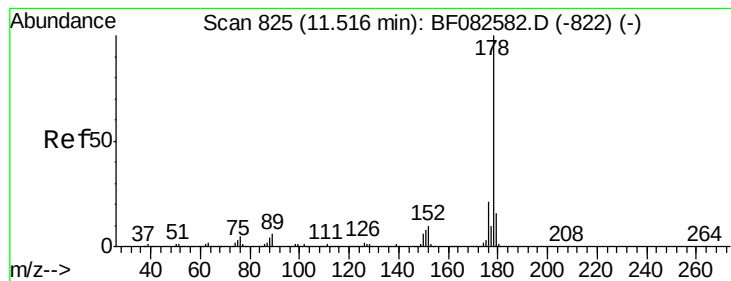
#70
 Phenanthrene
 Concen: 41.62 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion:178 Resp: 1831735
 Ion Ratio Lower Upper
 178 100
 176 21.0 17.0 25.4
 179 16.8 13.4 20.0



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: 48.94 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

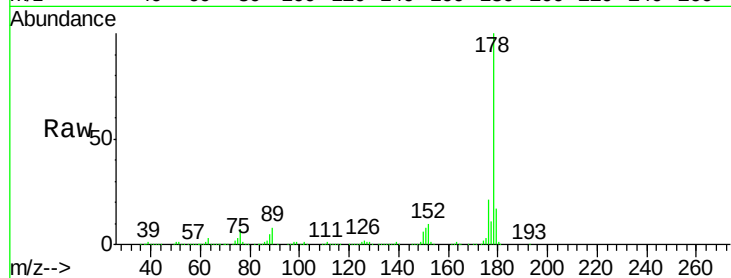
Tgt Ion:178 Resp: 2168550

Ion Ratio Lower Upper

178 100

176 20.7 16.5 24.7

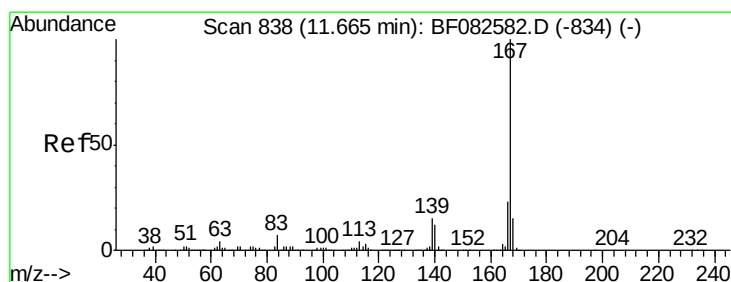
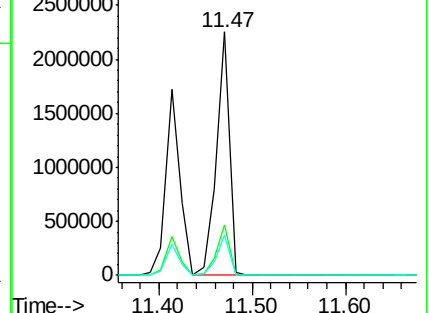
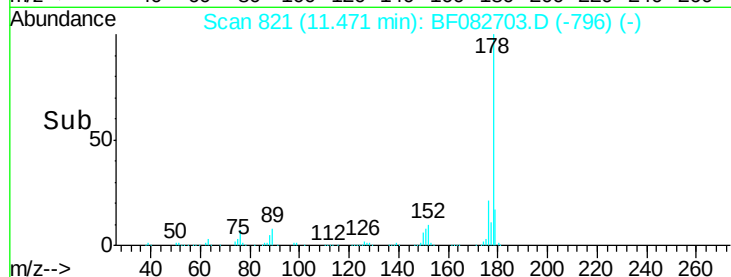
179 16.6 13.2 19.8



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



#72

Carbazole

Concen: 44.46 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

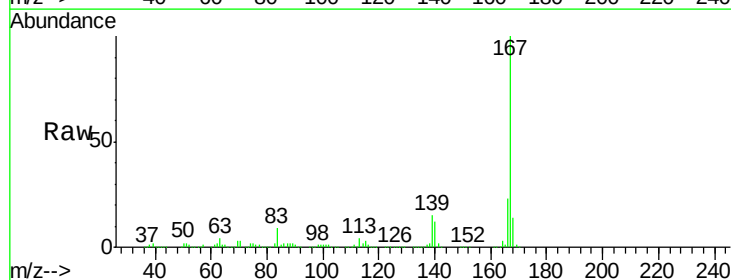
Tgt Ion:167 Resp: 1715825

Ion Ratio Lower Upper

167 100

166 23.2 18.7 28.1

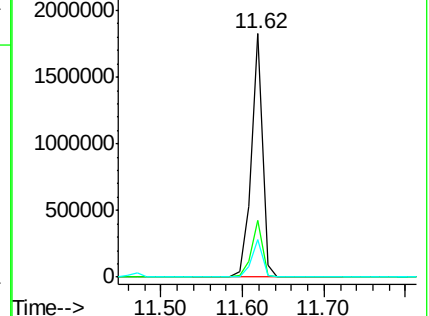
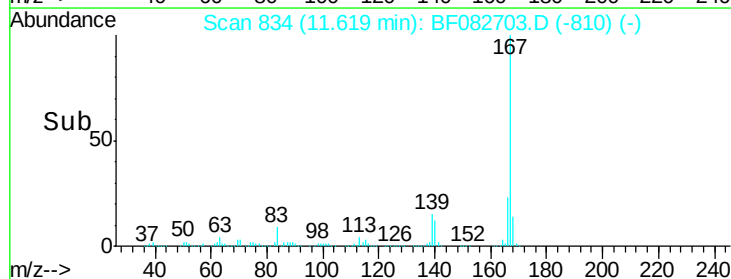
139 15.2 11.8 17.6

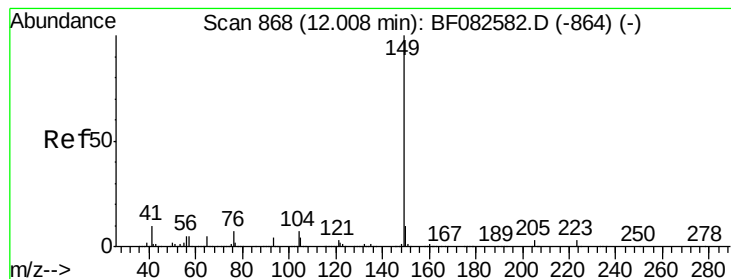


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.31 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

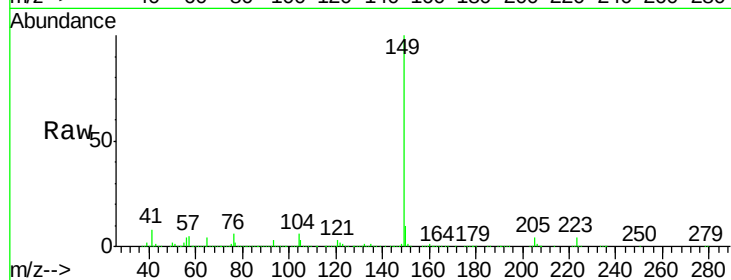
Tgt Ion:149 Resp: 2373522

Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

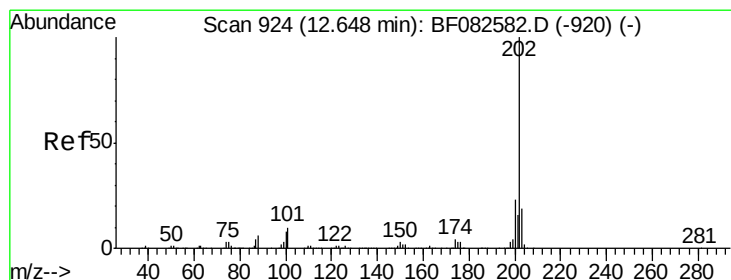
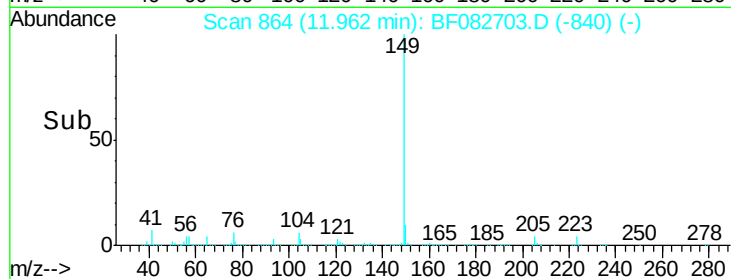
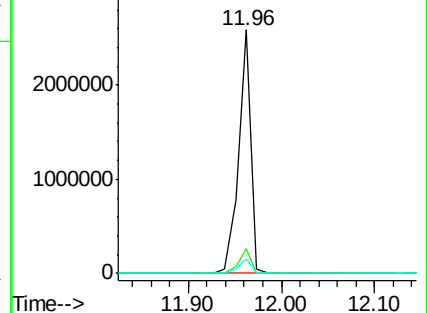
104 5.7 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.68 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

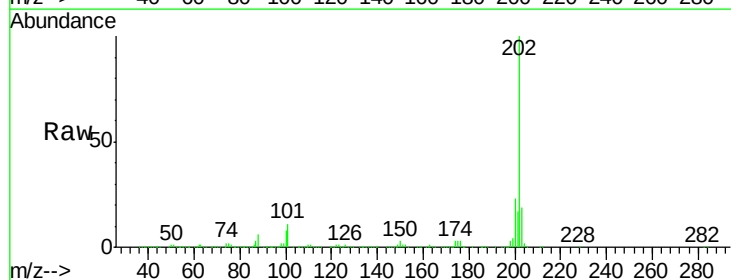
Tgt Ion:202 Resp: 1965108

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.5

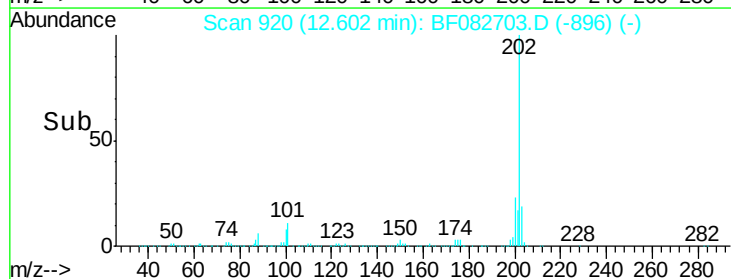
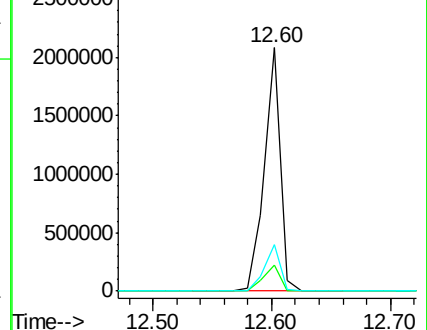
203 19.0 0.0 38.5

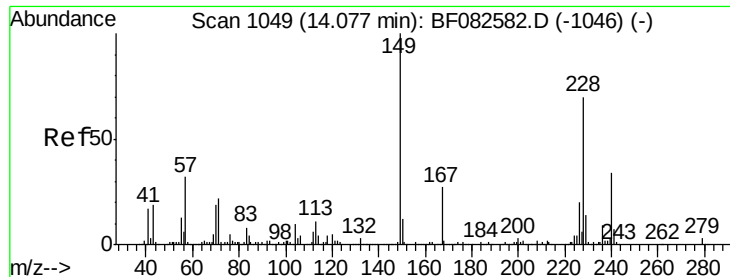


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

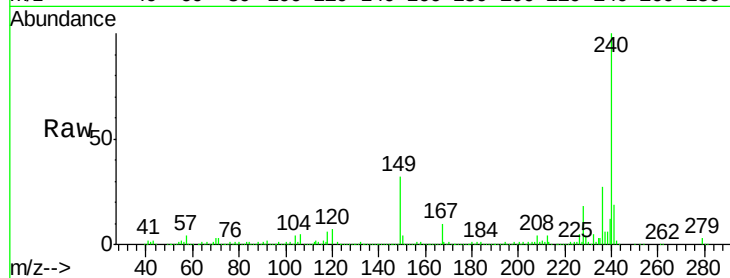
Tgt Ion:240 Resp: 705028

Ion Ratio Lower Upper

240 100

120 6.7 10.9 16.3#

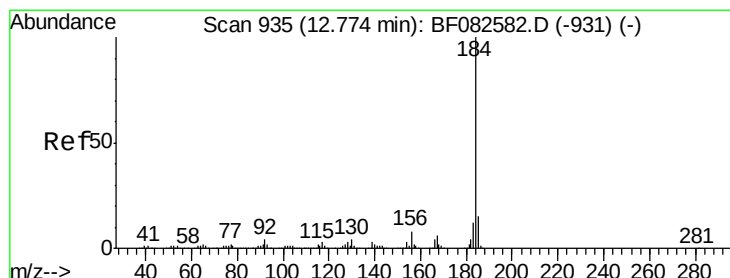
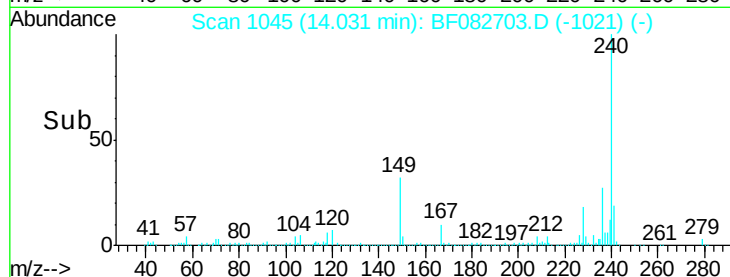
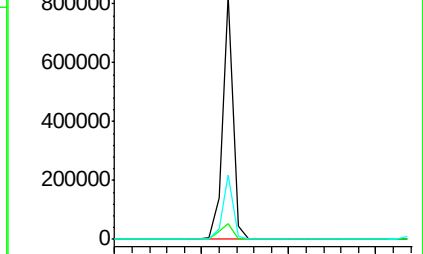
236 26.6 21.6 32.4



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: 11.75 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

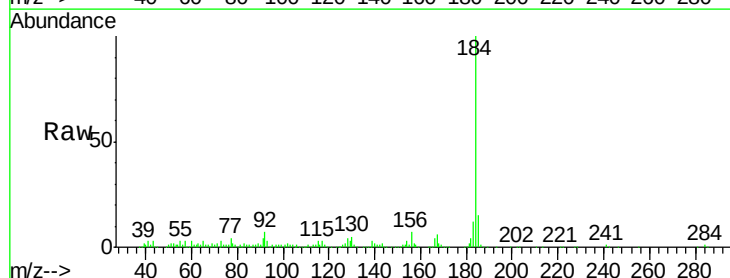
Tgt Ion:184 Resp: 373568

Ion Ratio Lower Upper

184 100

185 15.3 12.0 18.0

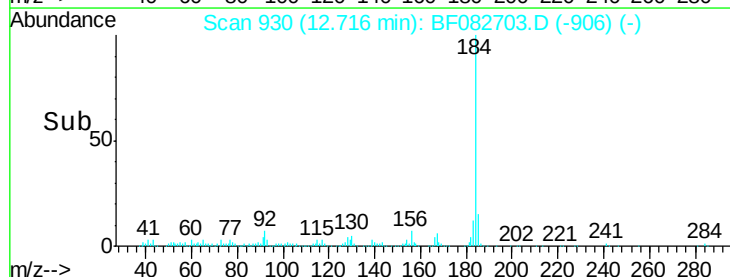
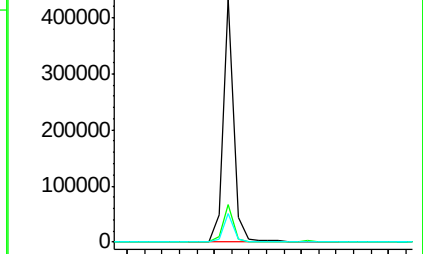
183 11.5 9.6 14.4

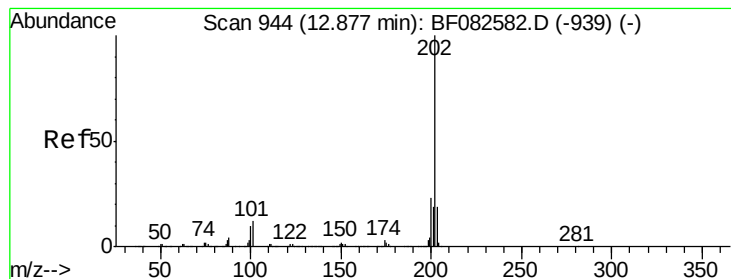


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.36 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

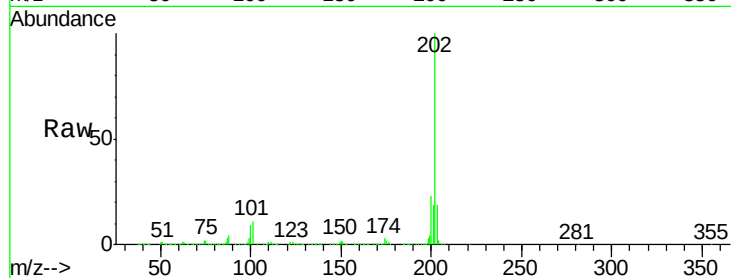
Tgt Ion:202 Resp: 2054697

Ion Ratio Lower Upper

202 100

200 23.3 18.7 28.1

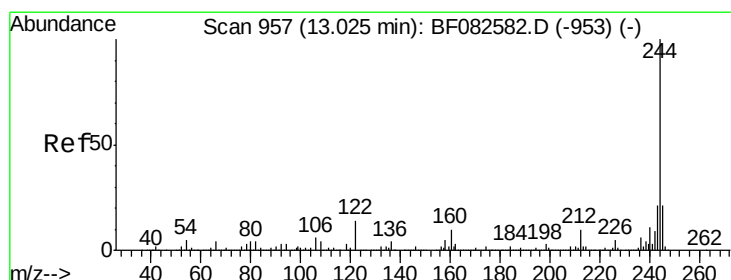
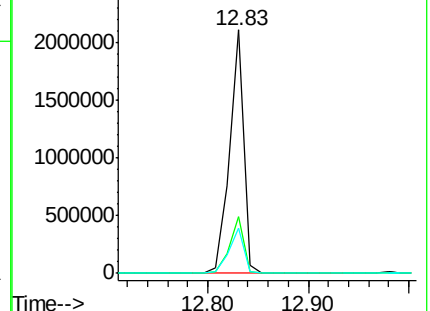
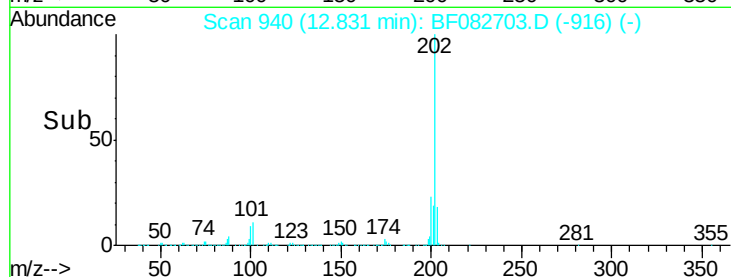
203 18.5 14.8 22.2



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: 75.07 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

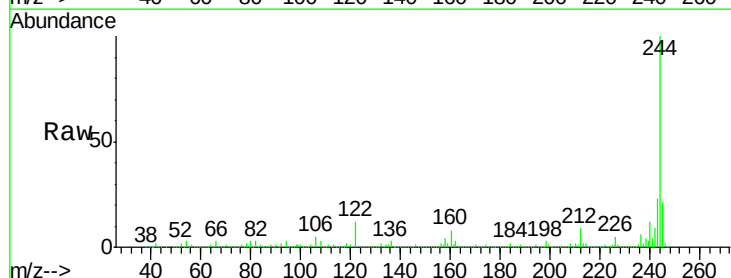
Tgt Ion:244 Resp: 2418326

Ion Ratio Lower Upper

244 100

212 8.7 7.6 11.4

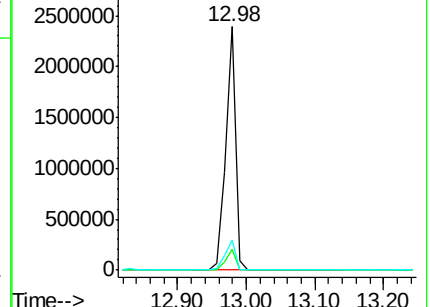
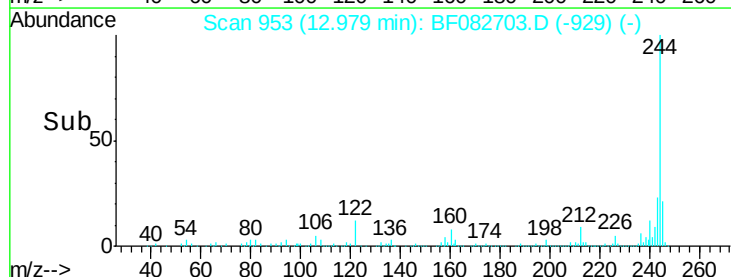
122 12.3 11.3 16.9

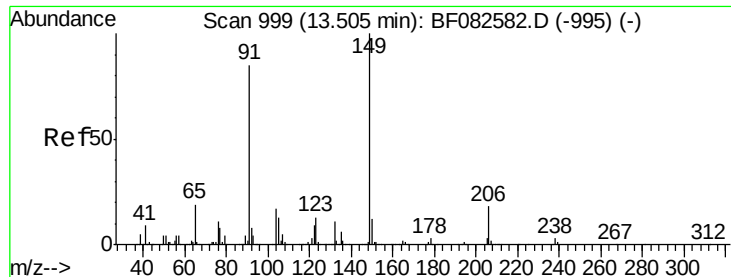


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

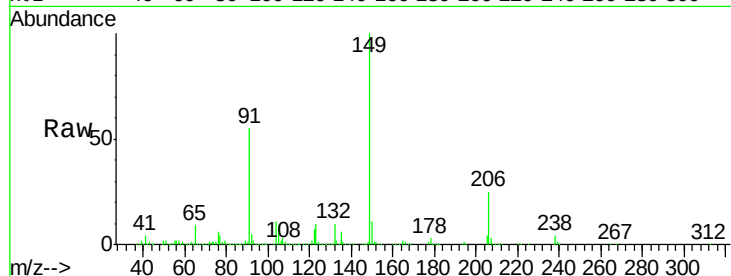




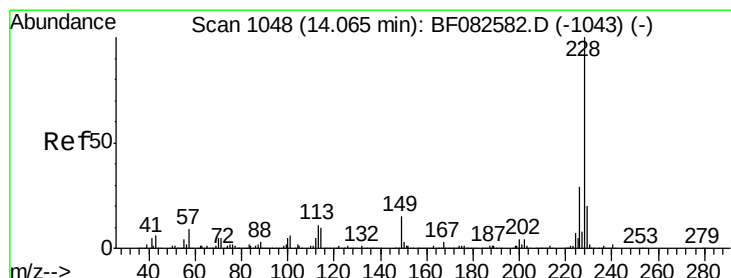
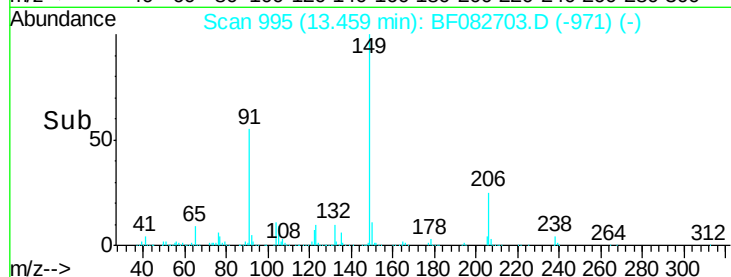
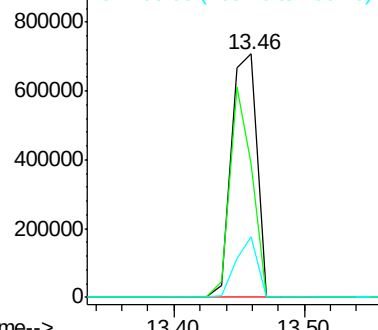
#79
Butylbenzylphthalate
Concen: 42.49 ng
RT: 13.46 min Scan# 995
Delta R.T. -0.02 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

Tgt Ion:149 Resp: 971611
Ion Ratio Lower Upper
149 100
91 54.8 67.7 101.5#
206 25.0 14.6 22.0#

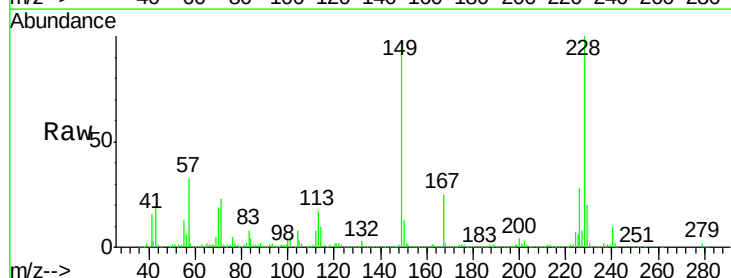


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

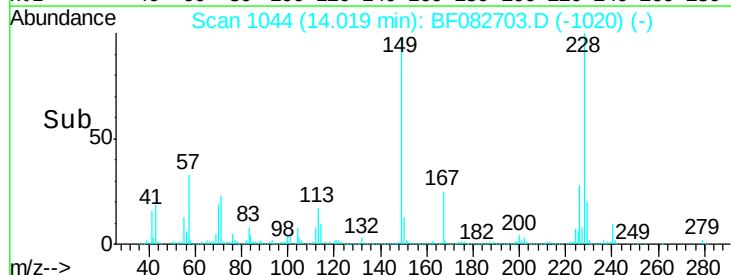
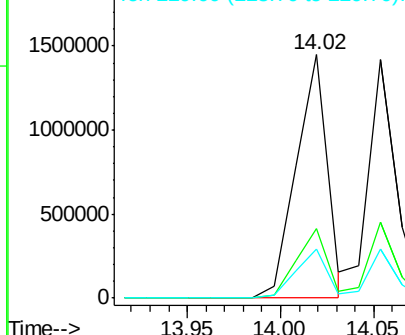


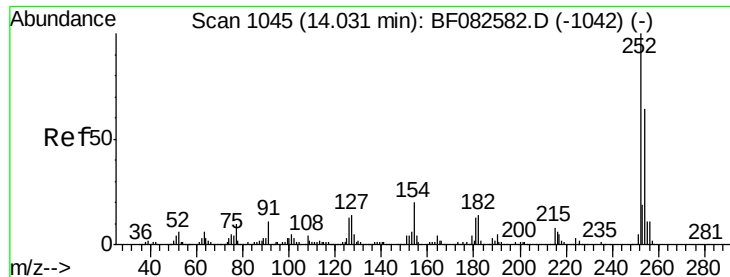
#80
Benzo(a)anthracene
Concen: 37.78 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF082703.D
Acq: 4 Nov 2015 16:17

Tgt Ion:228 Resp: 1691790
Ion Ratio Lower Upper
228 100
226 28.5 23.4 35.2
229 20.2 16.3 24.5



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

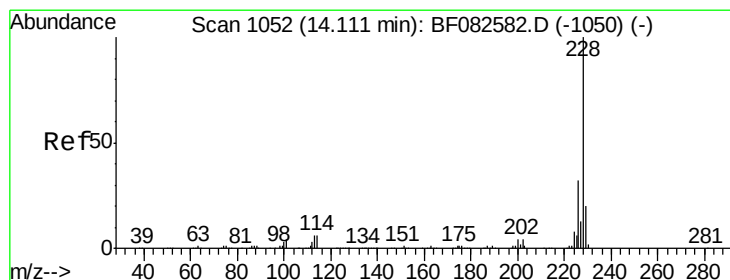
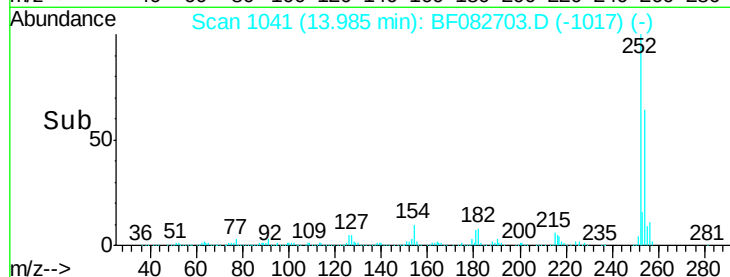
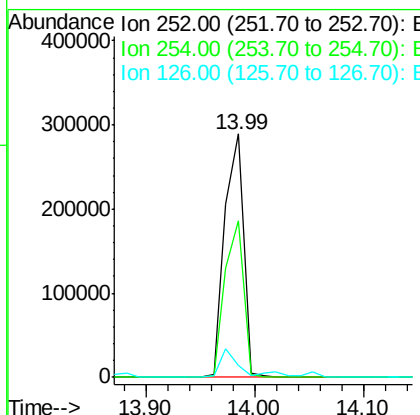
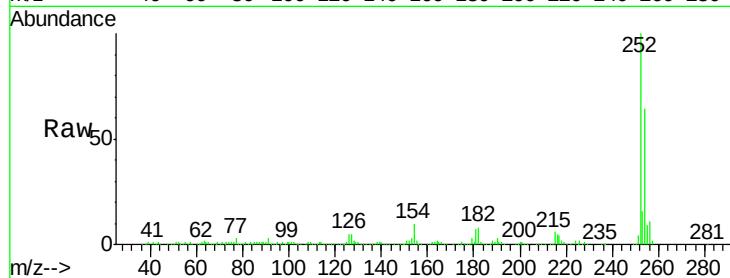




#81
 3,3'-Dichlorobenzidine
 Concen: 22.59 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.02 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

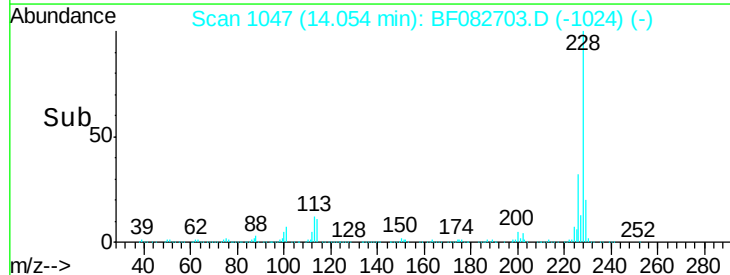
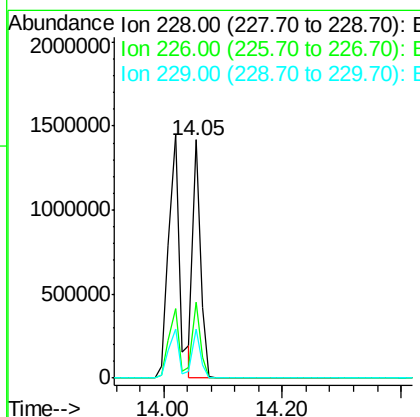
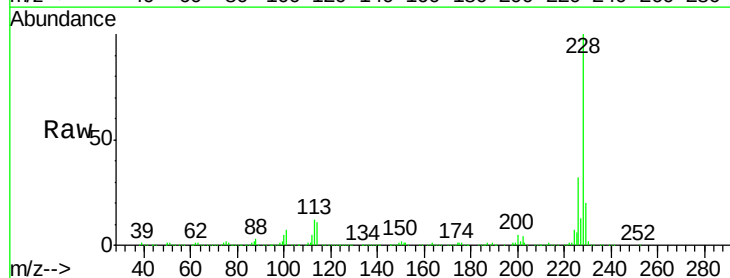
Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

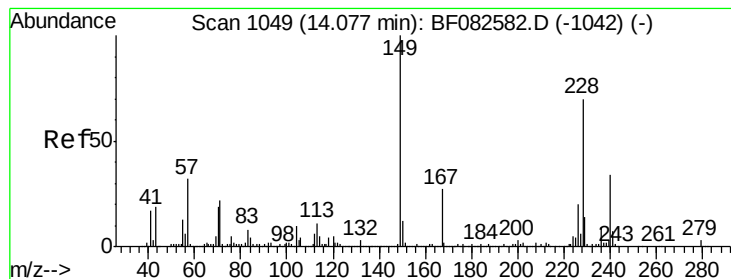
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.4	77.0
126	5.1	10.7	16.1#



#82
 Chrysene
 Concen: 31.68 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.5	38.3
229	20.3	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.02 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

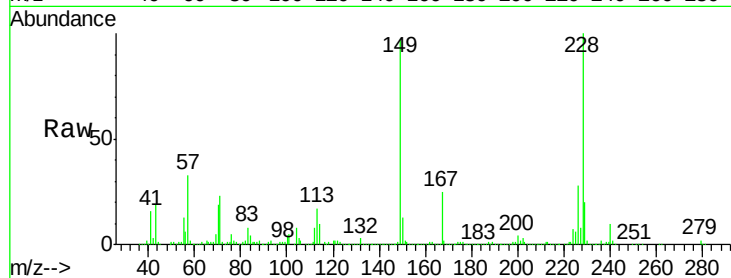
Tgt Ion:149 Resp: 1245575

Ion Ratio Lower Upper

149 100

167 25.6 21.2 31.8

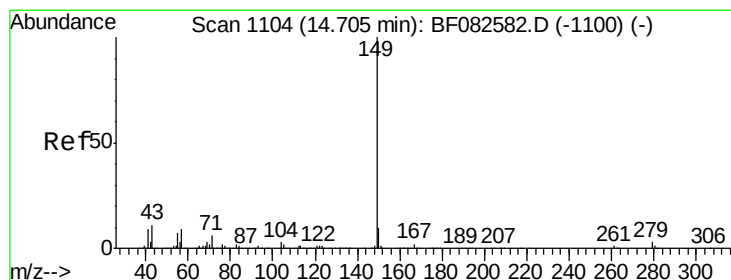
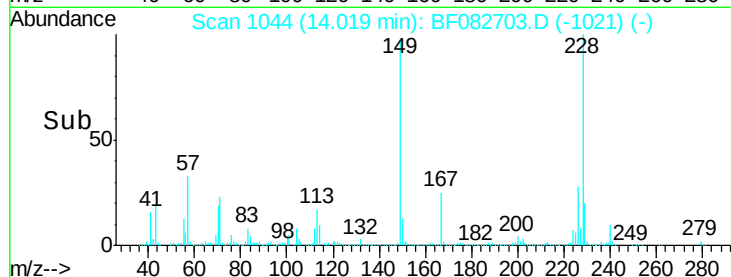
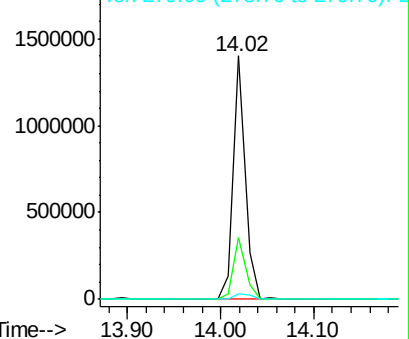
279 2.5 2.2 3.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.41 ng

RT: 14.64 min Scan# 1098

Delta R.T. -0.03 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

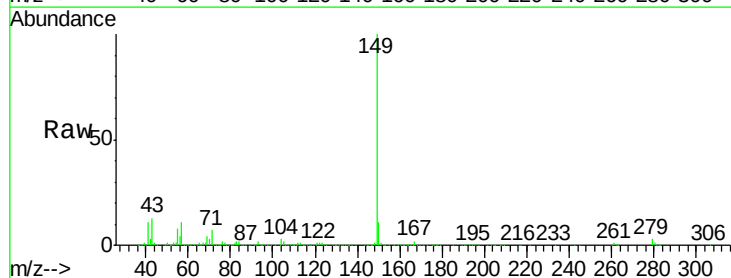
Tgt Ion:149 Resp: 1914600

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

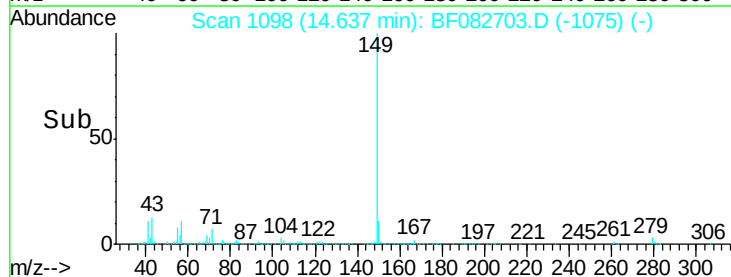
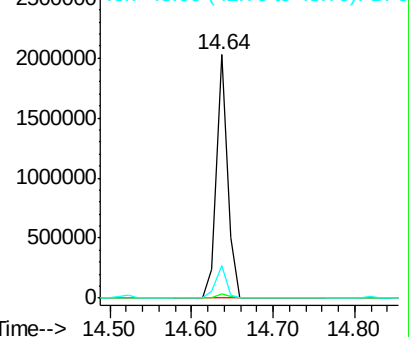
43 12.3 10.1 15.1

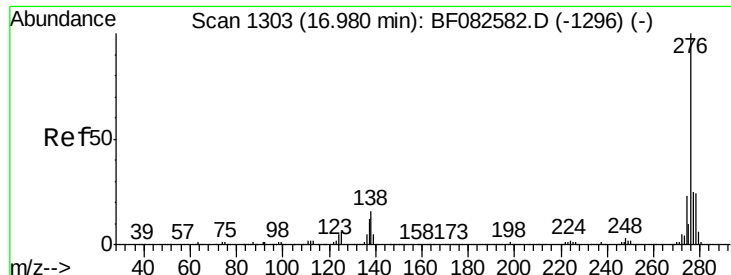


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

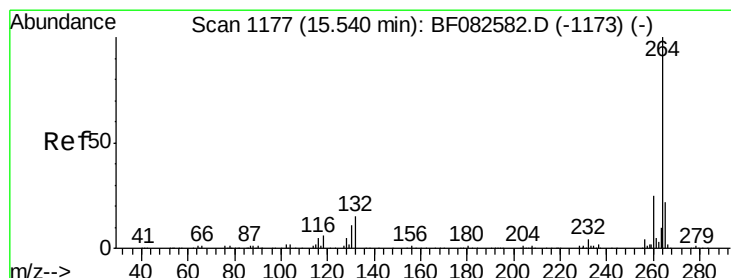
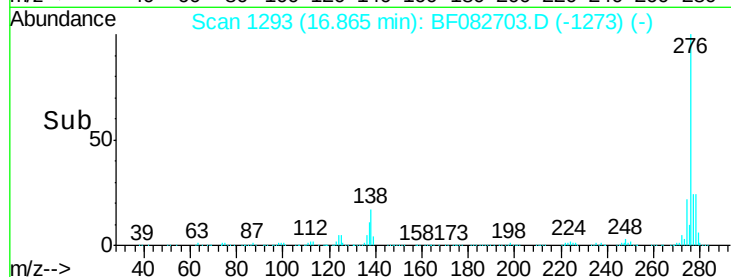
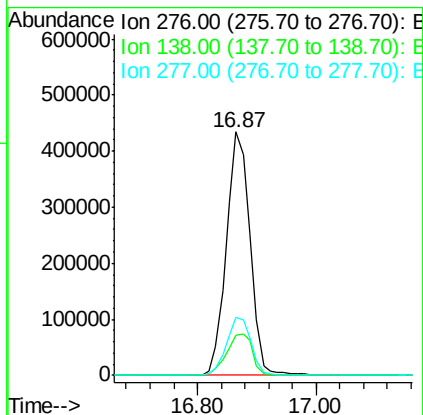
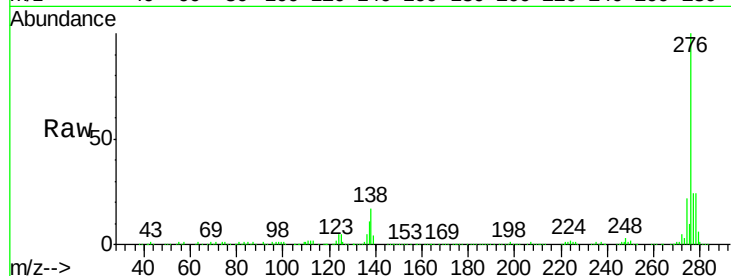




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.71 ng
 RT: 16.87 min Scan# 1293
 Delta R.T. -0.07 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

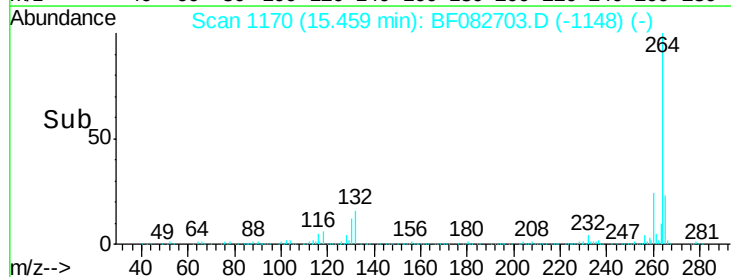
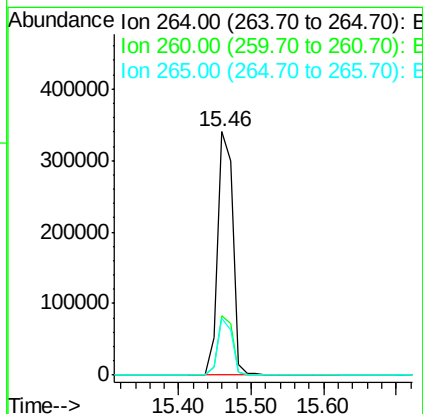
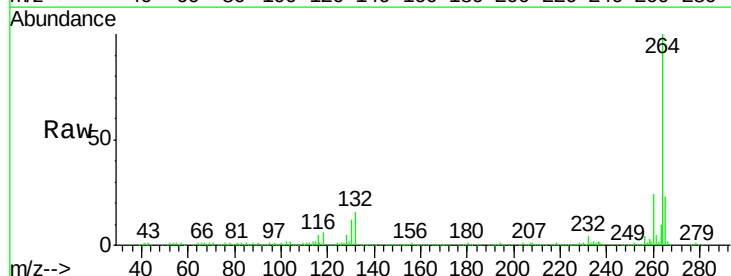
Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)MSD

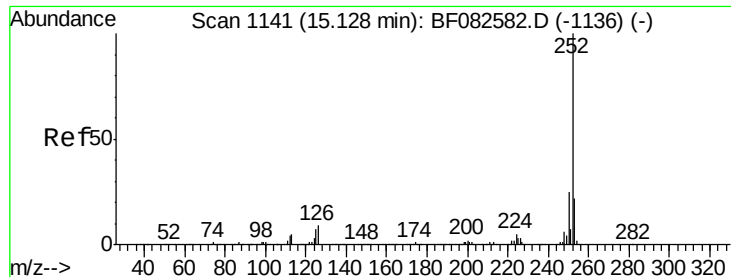
Tgt Ion: 276 Resp: 1196133
 Ion Ratio Lower Upper
 276 100
 138 18.6 15.3 22.9
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.05 min
 Lab File: BF082703.D
 Acq: 4 Nov 2015 16:17

Tgt Ion: 264 Resp: 493643
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.6
 265 23.1 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 42.90 ng

RT: 15.06 min Scan# 1135

Delta R.T. -0.03 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

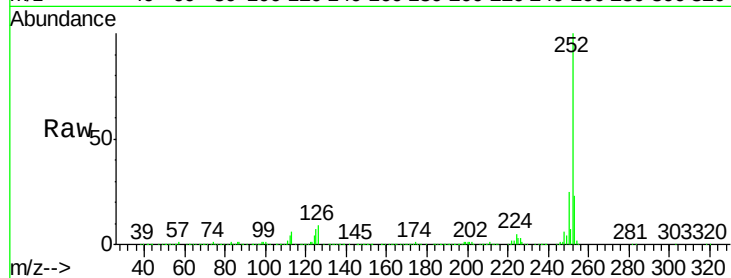
Tgt Ion:252 Resp: 1460139

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

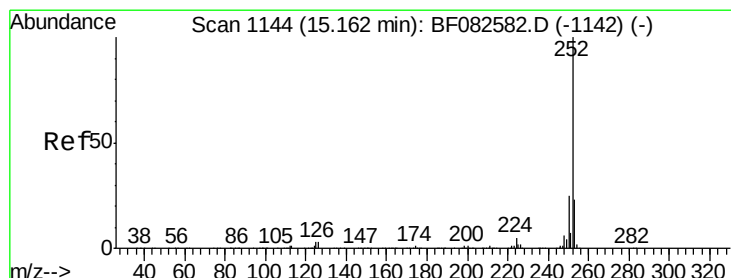
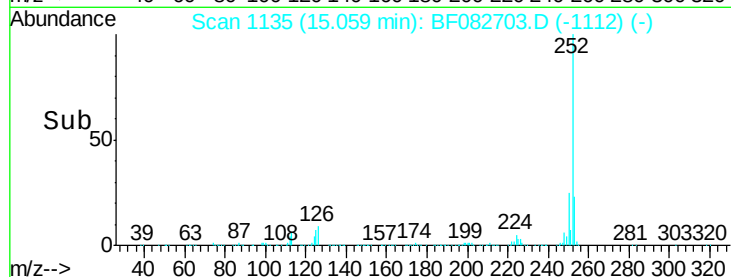
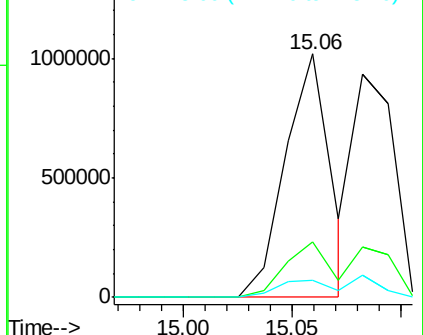
125 7.1 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 56.31 ng

RT: 15.06 min Scan# 1135

Delta R.T. -0.07 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

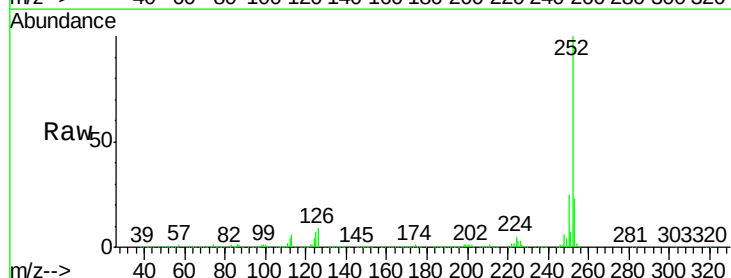
Tgt Ion:252 Resp: 1460139

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

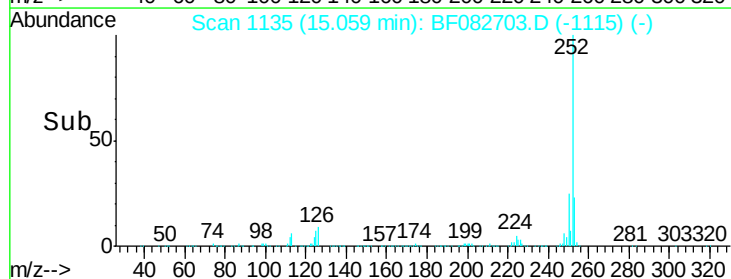
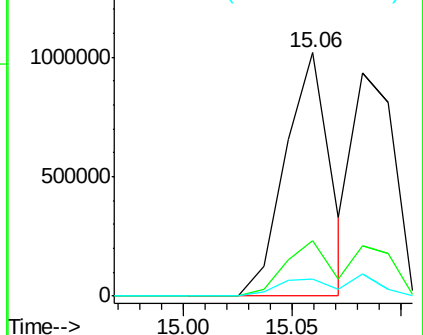
125 7.1 3.5 5.3#

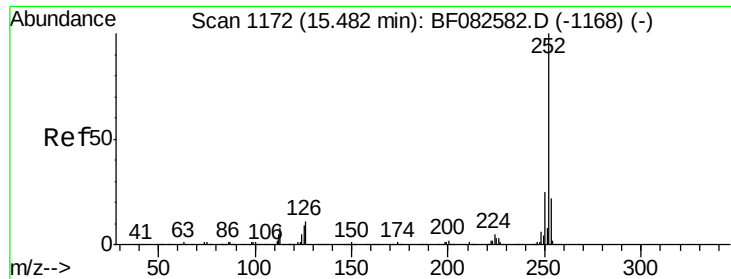


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.71 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

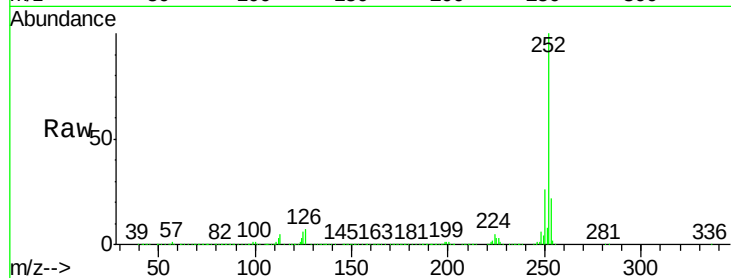
Tgt Ion:252 Resp: 1252023

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

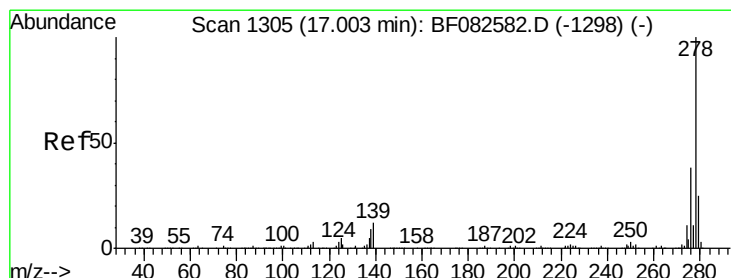
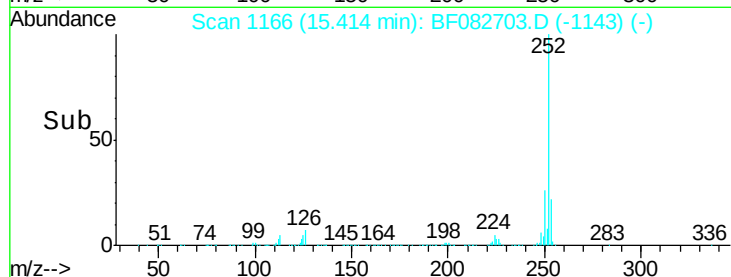
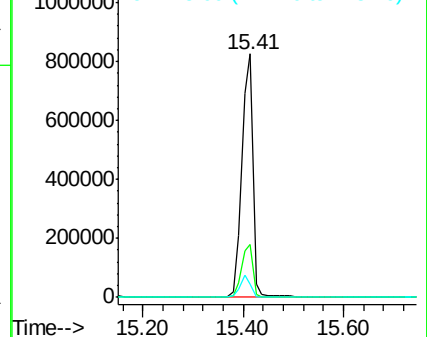
125 5.6 7.1 10.7#



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: 40.39 ng

RT: 16.89 min Scan# 1295

Delta R.T. -0.07 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

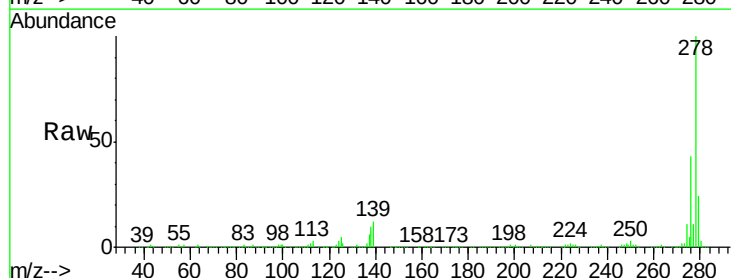
Tgt Ion:278 Resp: 1010352

Ion Ratio Lower Upper

278 100

139 12.2 9.9 14.9

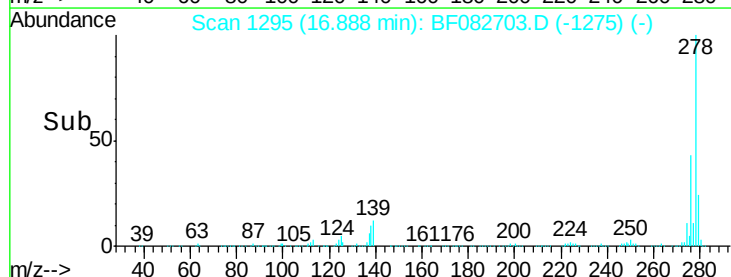
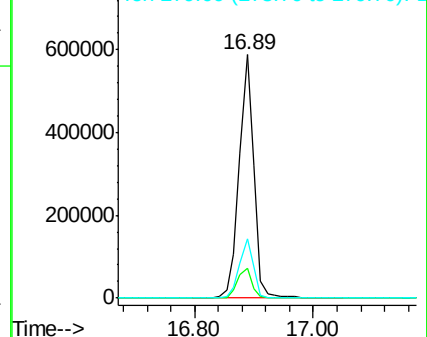
279 24.3 19.6 29.4

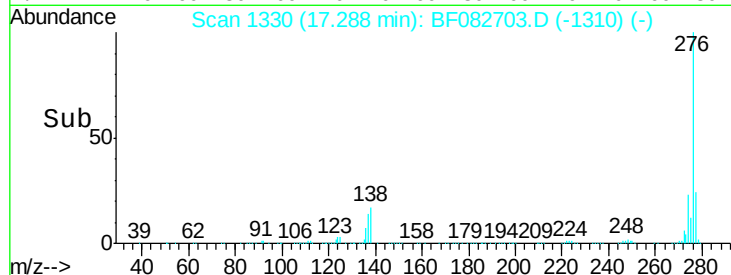
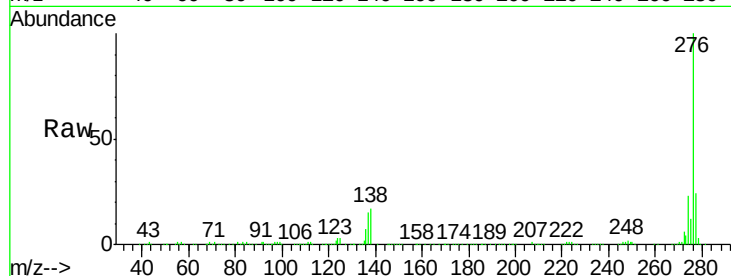
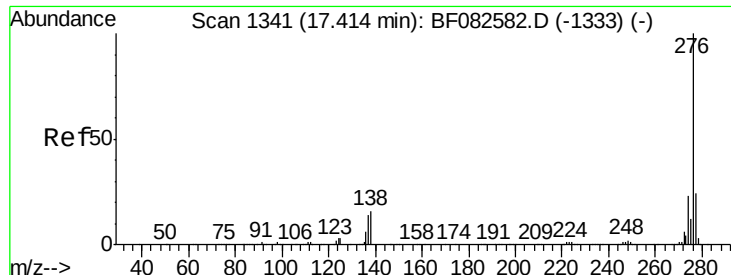


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.02 ng

RT: 17.29 min Scan# 1330

Delta R.T. -0.07 min

Lab File: BF082703.D

Acq: 4 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)MSD

Tgt Ion:276 Resp: 945957

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 16.8 13.1 19.7

