

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090725.D
 Acq On : 21 Oct 2016 22:15
 Operator : UM/SJ
 Sample : H5343-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

Quant Time: Oct 21 23:27:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	300242	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1232488	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	628272	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	951901	20.00	ng	0.00
75) Chrysene-d12	14.02	240	696360	20.00	ng	0.00
86) Perylene-d12	15.46	264	465382	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	2156091	115.81	ng	0.02
7) Phenol-d6	6.51	99	2835039	112.43	ng	0.01
23) Nitrobenzene-d5	7.42	82	1961684	87.30	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	717408	144.27	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	3302656	81.60	ng	0.00
78) Terphenyl-d14	12.97	244	2754426	90.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	282278	26.20	ng	# 80
3) Pyridine	3.33	79	739896	29.31	ng	# 77
4) n-Nitrosodimethylamine	3.30	42	290958	33.69	ng	# 73
6) Aniline	6.53	93	720564	25.20	ng	# 84
8) 2-Chlorophenol	6.65	128	743986	33.29	ng	# 88
9) Benzaldehyde	6.41	77	155379	11.27	ng	# 79
10) Phenol	6.52	94	1083086	38.21	ng	# 65
11) bis(2-Chloroethyl)ether	6.60	93	836308	35.11	ng	# 95
12) 1,3-Dichlorobenzene	6.79	146	753097	33.55	ng	# 89
13) 1,4-Dichlorobenzene	6.87	146	835730	35.10	ng	# 91
14) 1,2-Dichlorobenzene	7.03	146	746801	32.04	ng	# 98
15) Benzyl Alcohol	7.00	79	598935	34.97	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1073526	30.10	ng	# 72
17) 2-Methylphenol	7.13	107	645619	38.34	ng	# 81
18) Hexachloroethane	7.37	117	306724	31.73	ng	# 91
19) n-Nitroso-di-n-propylamine	7.29	70	618398	32.93	ng	# 68
20) 3+4-Methylphenols	7.27	107	708545	35.50	ng	# 64
22) Acetophenone	7.27	105	1032191	37.58	ng	# 81
24) Nitrobenzene	7.45	77	864037	35.47	ng	# 72
25) Isophorone	7.69	82	1609088	37.83	ng	# 89
26) 2-Nitrophenol	7.75	139	402224	40.42	ng	# 48
27) 2,4-Dimethylphenol	7.80	122	656830	37.22	ng	# 80
28) bis(2-Chloroethoxy)methane	7.89	93	948274	40.75	ng	# 92
29) 2,4-Dichlorophenol	8.01	162	610170	42.13	ng	# 95
30) 1,2,4-Trichlorobenzene	8.09	180	660403	38.75	ng	# 97
31) Naphthalene	8.17	128	2212030	36.69	ng	# 96
32) Benzoic acid	7.88	122	42585	10.43	ng	# 78
33) 4-Chloroaniline	8.21	127	414004	18.52	ng	# 85
34) Hexachlorobutadiene	8.28	225	359327	37.50	ng	# 98
35) Caprolactam	8.65	113	80473	19.46	ng	# 89
36) 4-Chloro-3-methylphenol	8.70	107	635956	37.75	ng	# 81
37) 2-Methylnaphthalene	8.86	142	1413623	40.12	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	612364	36.10	ng	# 98
40) Hexachlorocyclopentadiene	9.01	237	718926	90.27	ng	# 96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090725.D
 Acq On : 21 Oct 2016 22:15
 Operator : UM/SJ
 Sample : H5343-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

Quant Time: Oct 21 23:27:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

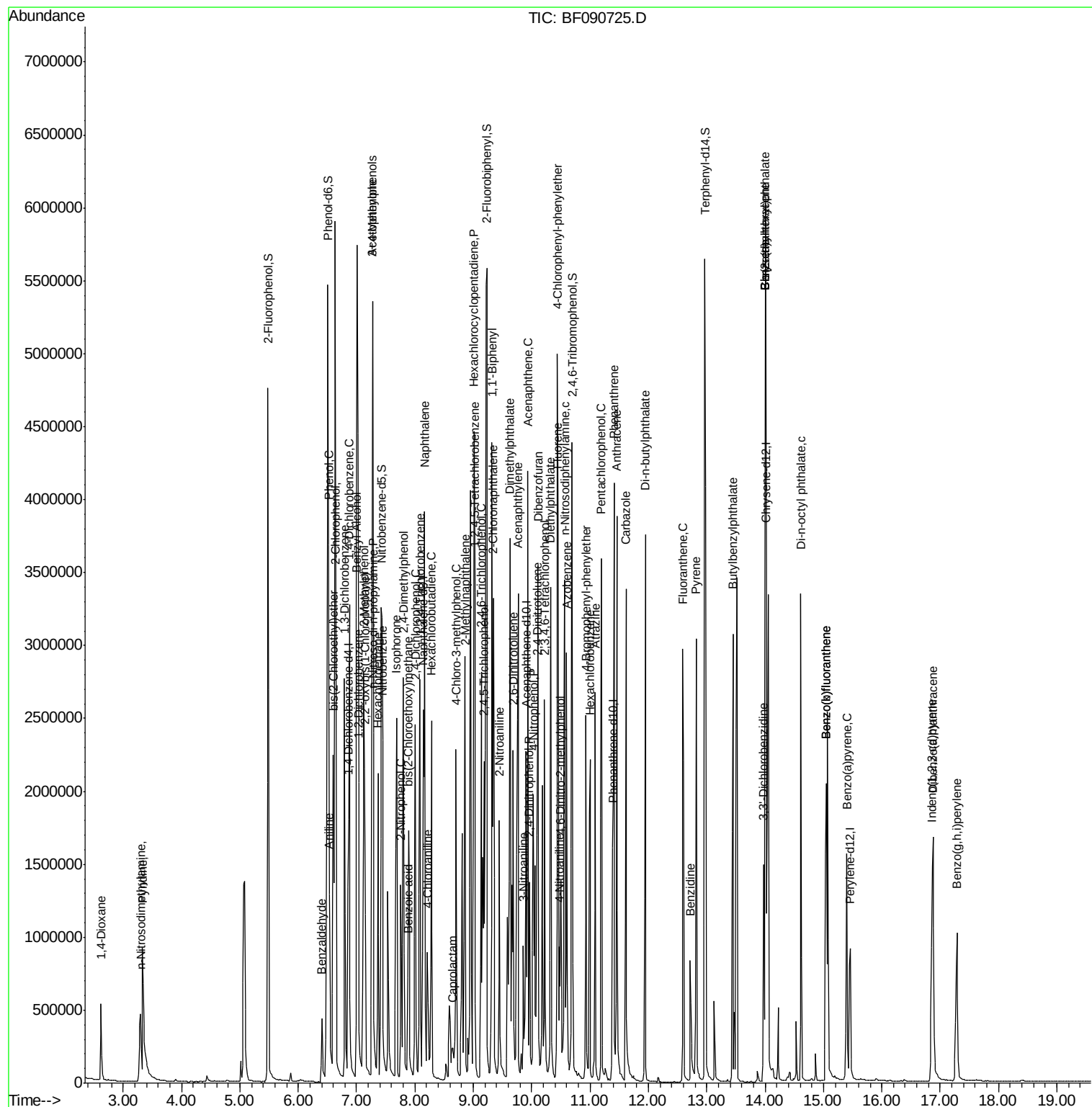
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	431020	40.97	ng	99
43) 2,4,5-Trichlorophenol	9.18	196	401800	37.63	ng #	94
45) 1,1'-Biphenyl	9.32	154	1592768	32.28	ng	91
46) 2-Chloronaphthalene	9.34	162	1282621	34.97	ng #	88
47) 2-Nitroaniline	9.45	65	429525	35.29	ng #	82
48) Acenaphthylene	9.77	152	2038187	36.42	ng	96
49) Dimethylphthalate	9.63	163	1806244	45.75	ng #	97
50) 2,6-Dinitrotoluene	9.69	165	307334	36.20	ng #	61
51) Acenaphthene	9.94	154	1345904	36.23	ng	89
52) 3-Nitroaniline	9.86	138	228293	23.39	ng #	75
53) 2,4-Dinitrophenol	9.96	184	234459	56.73	ng #	58
54) Dibenzofuran	10.11	168	1765482	39.23	ng #	89
55) 4-Nitrophenol	10.03	139	454044	76.05	ng #	65
56) 2,4-Dinitrotoluene	10.10	165	424699	40.93	ng #	93
57) Fluorene	10.45	166	1370420	36.75	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	350820	41.87	ng	99
59) Diethylphthalate	10.33	149	1415814	34.58	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	669620	39.29	ng	93
61) 4-Nitroaniline	10.47	138	321157	32.49	ng #	58
62) Azobenzene	10.60	77	1453828	30.32	ng	86
64) 4,6-Dinitro-2-methylphenol	10.50	198	207690	35.38	ng	91
65) n-Nitrosodiphenylamine	10.57	169	1196274	39.23	ng	90
66) 4-Bromophenyl-phenylether	10.93	248	424144	45.96	ng #	90
67) Hexachlorobenzene	11.00	284	468842	43.05	ng #	78
68) Atrazine	11.09	200	362261	43.04	ng	87
69) Pentachlorophenol	11.19	266	550862	80.10	ng	99
70) Phenanthrene	11.41	178	1898976	39.14	ng	95
71) Anthracene	11.46	178	1811246	33.66	ng	96
72) Carbazole	11.62	167	1732032	38.50	ng	94
73) Di-n-butylphthalate	11.95	149	2107831	36.12	ng #	97
74) Fluoranthene	12.59	202	1756569	37.42	ng	96
76) Benzidine	12.71	184	624103	40.36	ng #	97
77) Pyrene	12.82	202	1798840	36.99	ng	95
79) Butylbenzylphthalate	13.45	149	910268	40.72	ng	96
80) Benzo(a)anthracene	14.01	228	1425521	37.41	ng	95
81) 3,3'-Dichlorobenzidine	13.97	252	365334	27.67	ng #	97
82) Chrysene	14.01	228	1425521	38.33	ng	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	1181015	36.92	ng	98
84) Di-n-octyl phthalate	14.61	149	1691084	34.84	ng #	89
85) Indeno(1,2,3-cd)pyrene	16.86	276	1083603	33.40	ng #	91
87) Benzo(b)fluoranthene	15.05	252	1186021	41.45	ng #	88
88) Benzo(k)fluoranthene	15.05	252	1186021	41.24	ng #	88
89) Benzo(a)pyrene	15.40	252	989978	36.87	ng #	86
90) Dibenzo(a,h)anthracene	16.88	278	915386	35.51	ng #	85
91) Benzo(g,h,i)perylene	17.29	276	870288	34.81	ng #	79

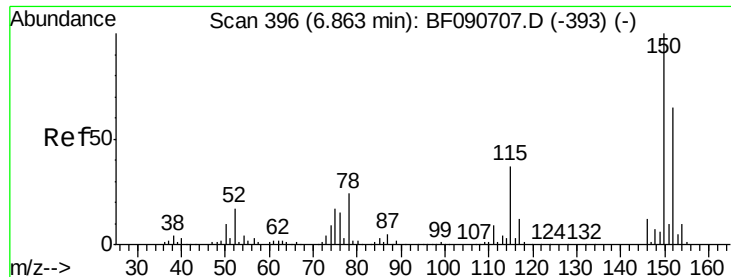
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090725.D
 Acq On : 21 Oct 2016 22:15
 Operator : UM/SJ
 Sample : H5343-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

Quant Time: Oct 21 23:27:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

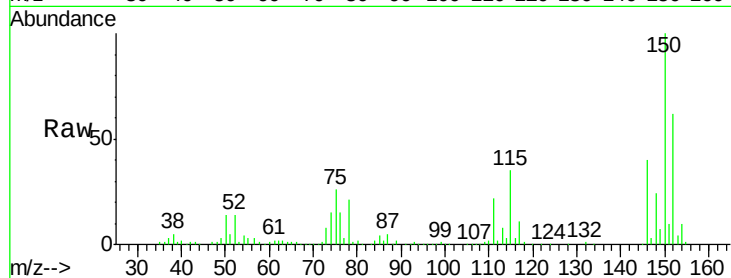
Tgt Ion:152 Resp: 300242

Ion Ratio Lower Upper

152 100

150 160.8 124.7 187.1

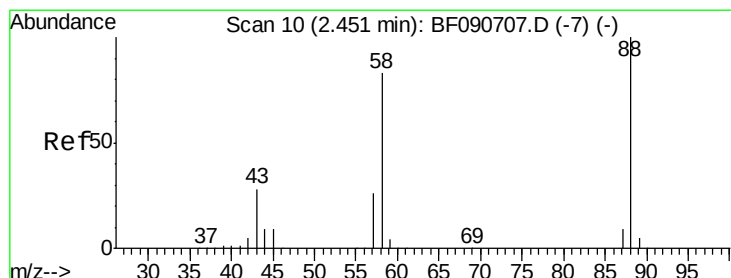
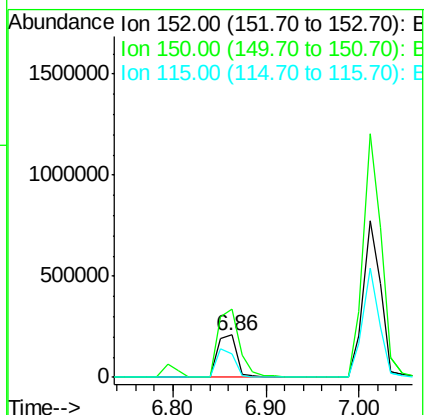
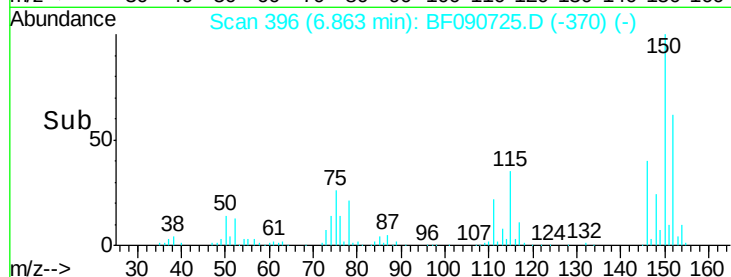
115 56.6 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.20 ng

RT: 2.62 min Scan# 25

Delta R.T. 0.14 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

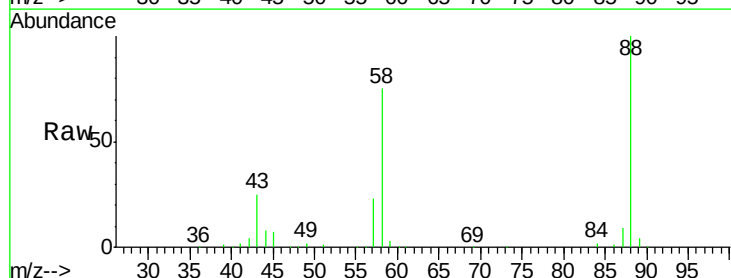
Tgt Ion: 88 Resp: 282278

Ion Ratio Lower Upper

88 100

58 76.0 77.7 116.5#

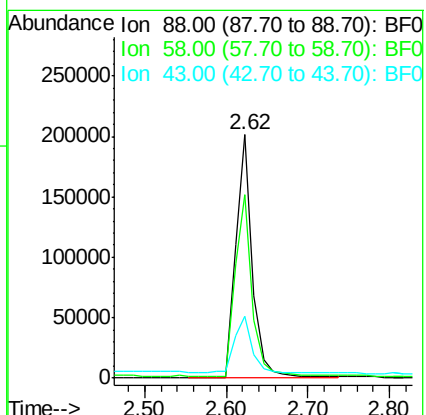
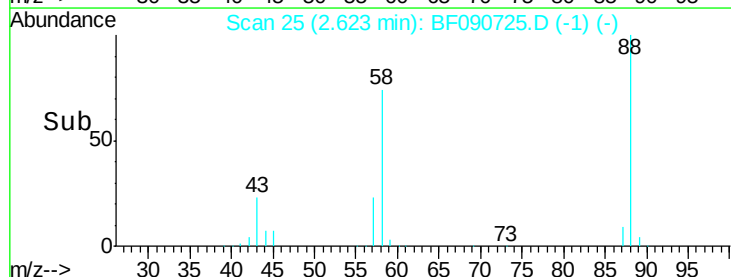
43 25.3 26.6 40.0#

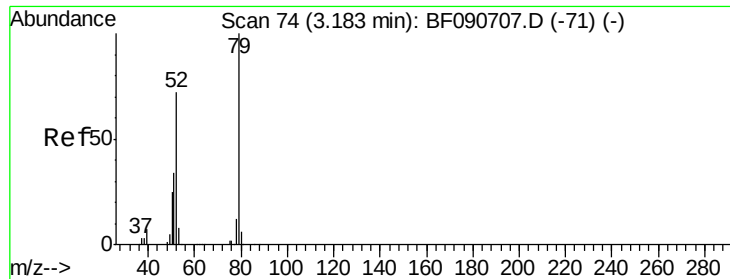


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.31 ng

RT: 3.33 min Scan# 87

Delta R.T. 0.13 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

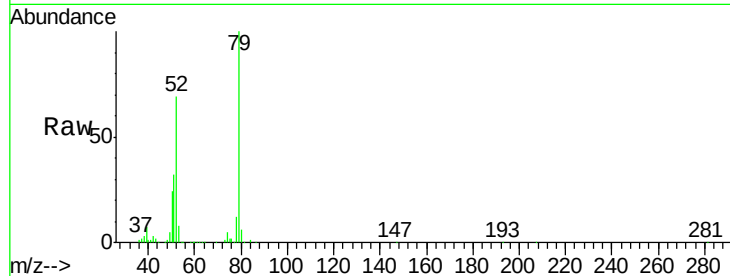
Tgt Ion: 79 Resp: 739896

Ion Ratio Lower Upper

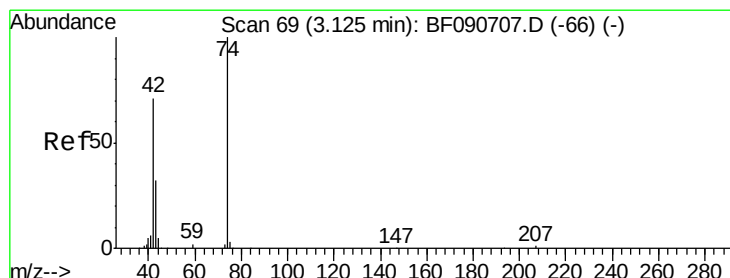
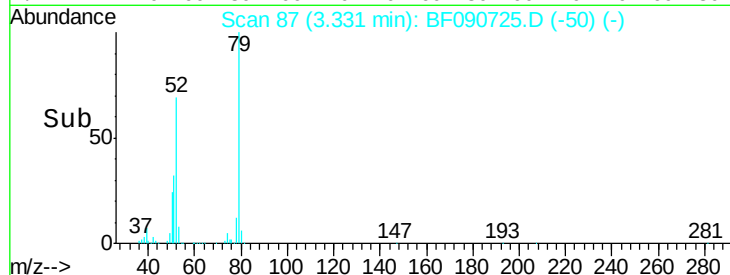
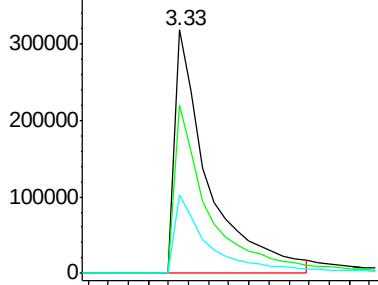
79 100

52 69.0 76.8 115.2#

51 32.4 32.2 48.4



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



#4

n-Nitrosodimethylamine

Concen: 33.69 ng

RT: 3.30 min Scan# 84

Delta R.T. 0.14 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

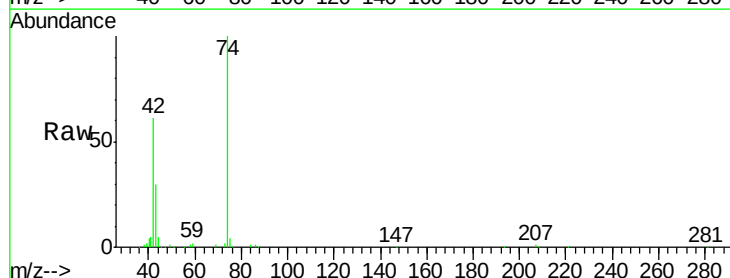
Tgt Ion: 42 Resp: 290958

Ion Ratio Lower Upper

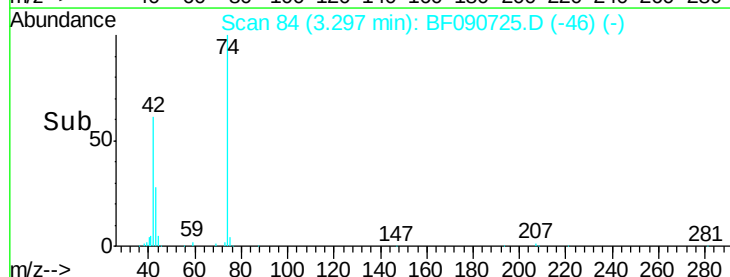
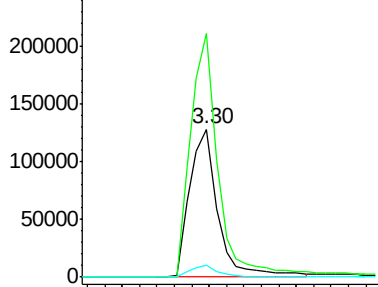
42 100

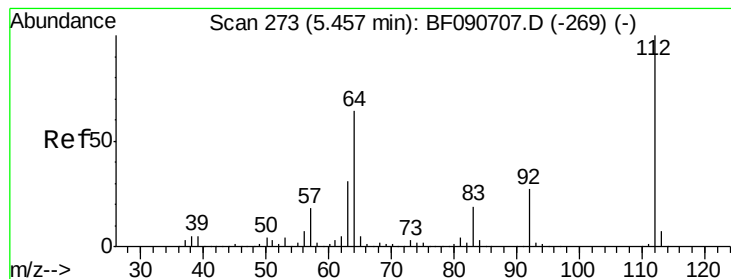
74 164.3 105.0 157.6#

44 7.8 6.6 10.0



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





#5

2-Fluorophenol

Concen: 115.81 ng

RT: 5.48 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

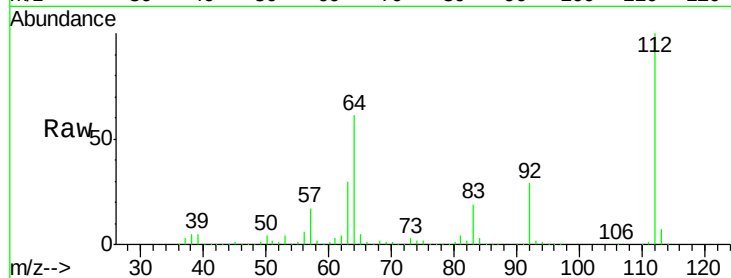
Tgt Ion: 112 Resp: 2156091

Ion Ratio Lower Upper

112 100

64 60.5 39.7 59.5#

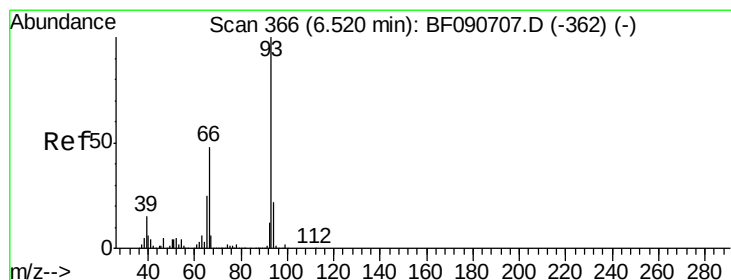
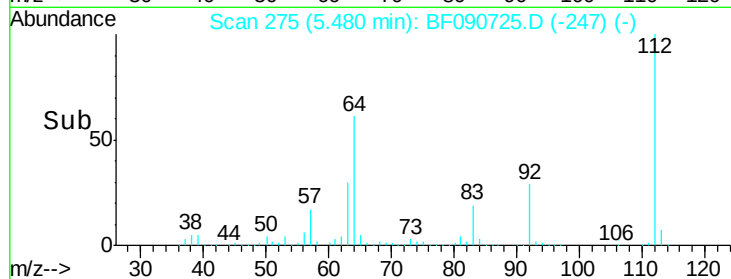
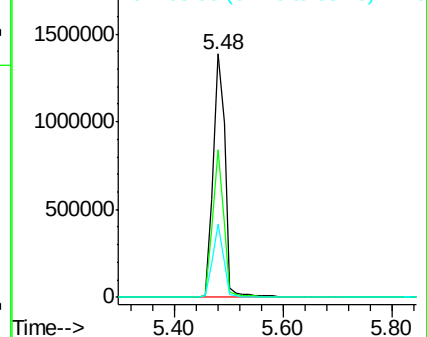
63 30.0 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.20 ng

RT: 6.53 min Scan# 367

Delta R.T. 0.01 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

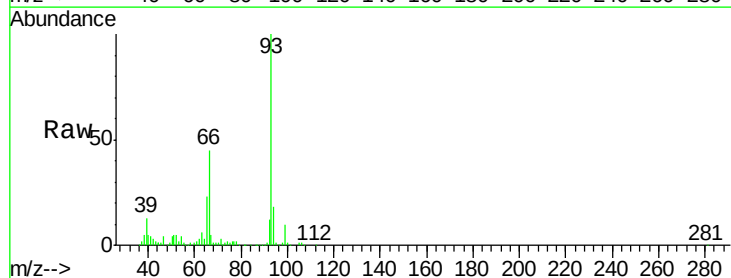
Tgt Ion: 93 Resp: 720564

Ion Ratio Lower Upper

93 100

66 45.1 27.2 40.8#

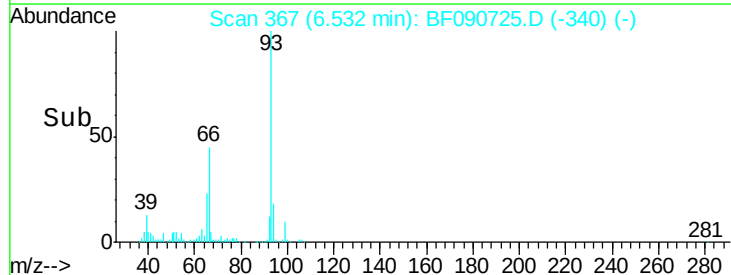
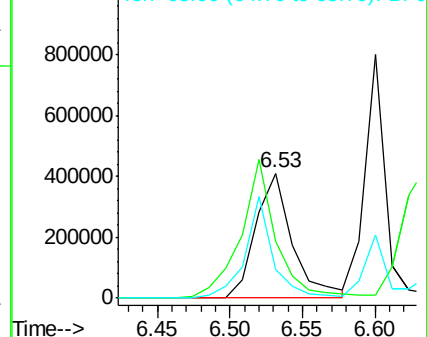
65 22.8 14.7 22.1#

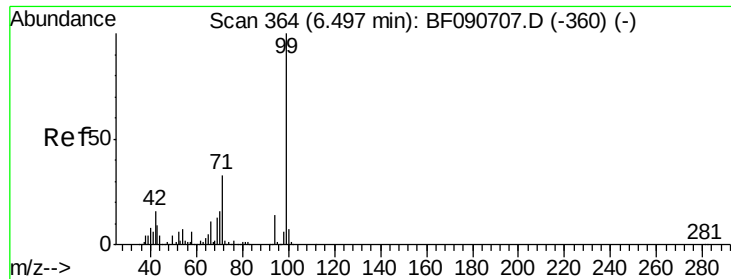


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.43 ng

RT: 6.51 min Scan# 365

Delta R.T. 0.01 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

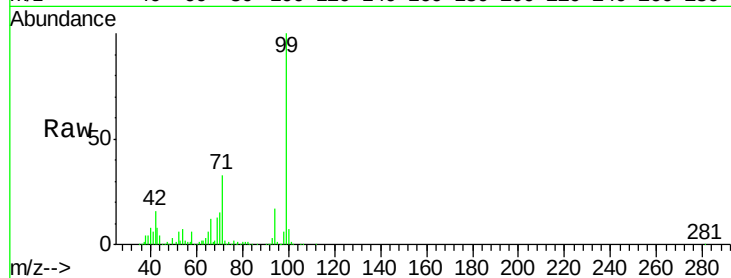
Tgt Ion: 99 Resp: 2835039

Ion Ratio Lower Upper

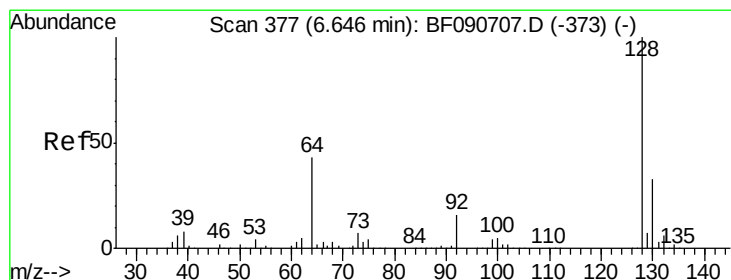
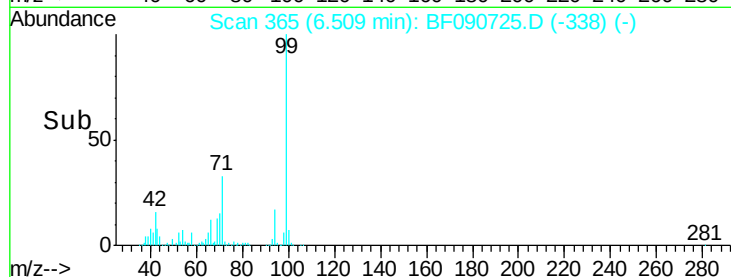
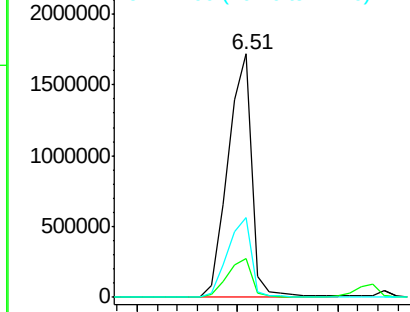
99 100

42 15.9 13.7 20.5

71 32.9 14.2 21.2#



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



#8

2-Chlorophenol

Concen: 33.29 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

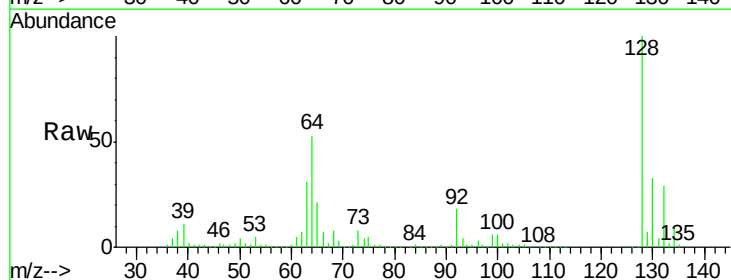
Tgt Ion: 128 Resp: 743986

Ion Ratio Lower Upper

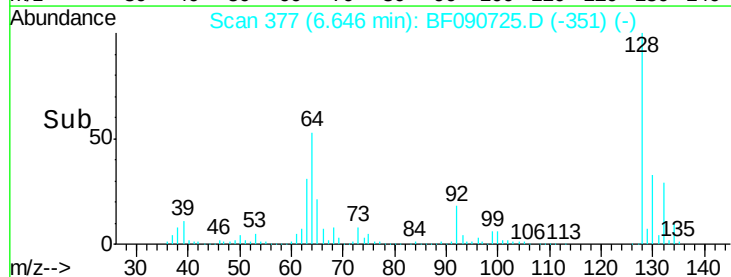
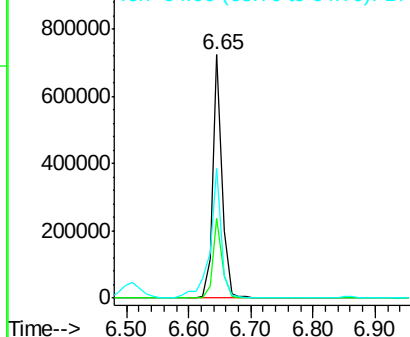
128 100

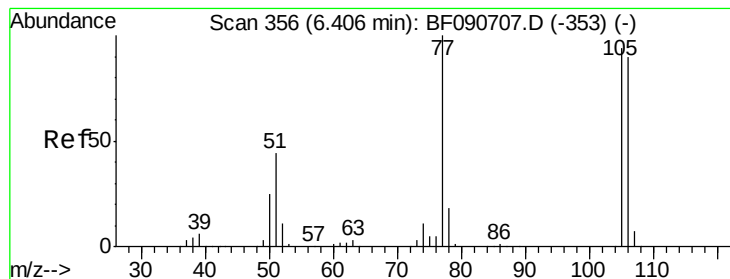
130 32.8 12.2 52.2

64 53.4 20.5 60.5



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





#9

Benzaldehyde

Concen: 11.27 ng

RT: 6.41 min Scan# 356

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

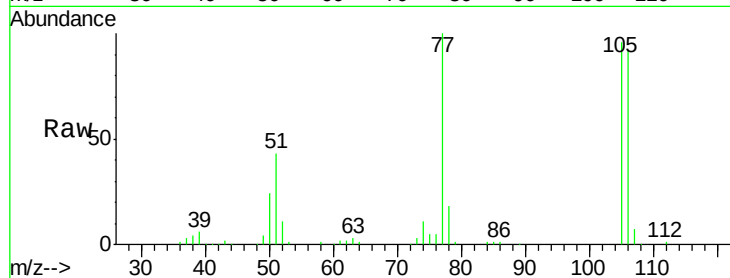
Tgt Ion: 77 Resp: 155379

Ion Ratio Lower Upper

77 100

105 96.5 91.6 131.6

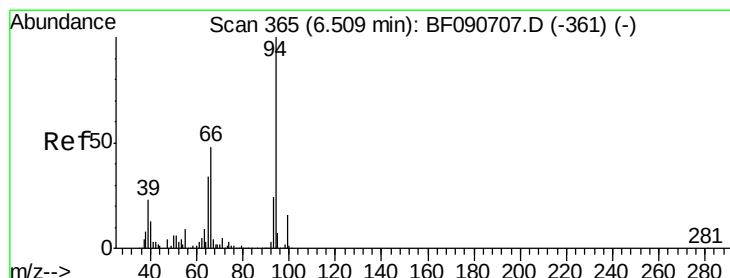
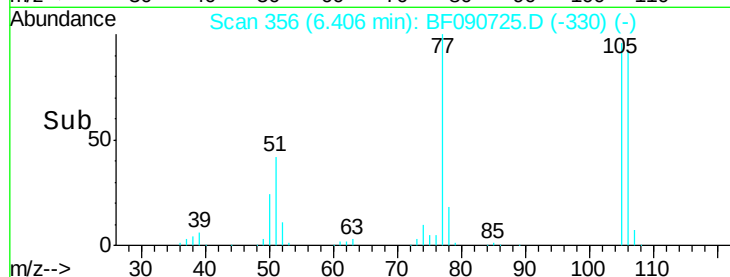
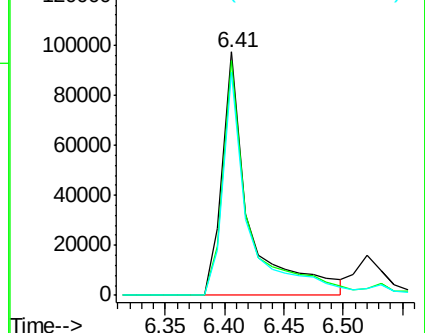
106 91.9 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.21 ng

RT: 6.52 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

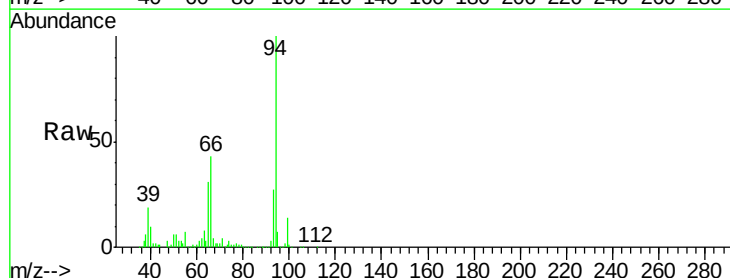
Tgt Ion: 94 Resp: 1083086

Ion Ratio Lower Upper

94 100

65 31.4 0.7 40.7

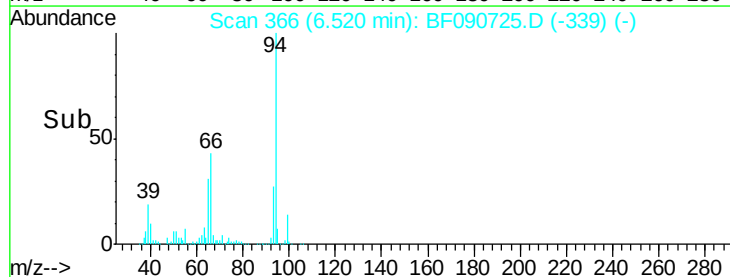
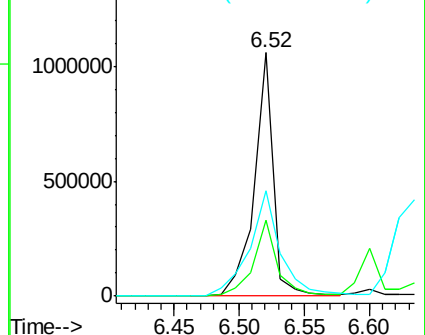
66 43.1 0.8 40.8#

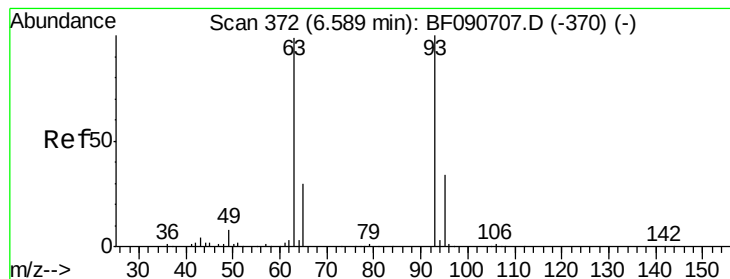


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.11 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

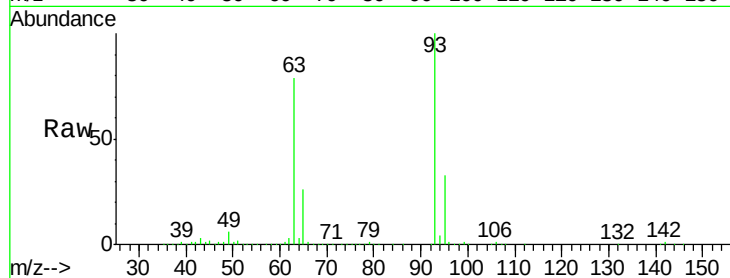
Tgt Ion: 93 Resp: 836308

Ion Ratio Lower Upper

93 100

63 79.0 65.6 105.6

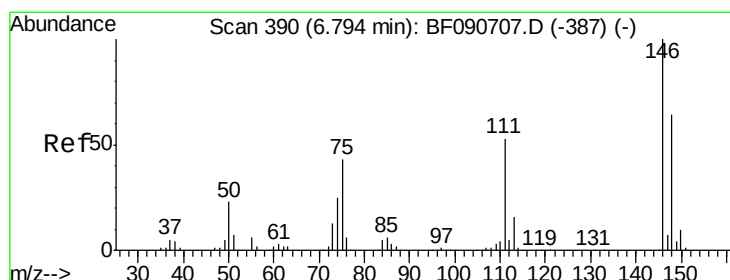
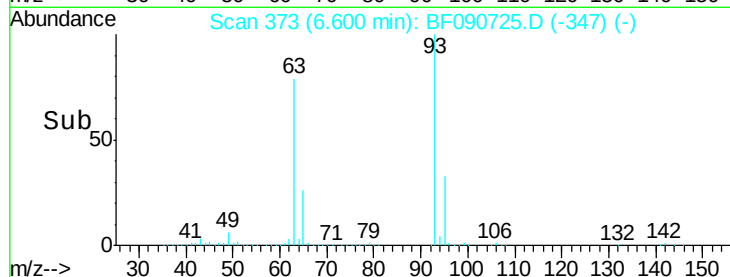
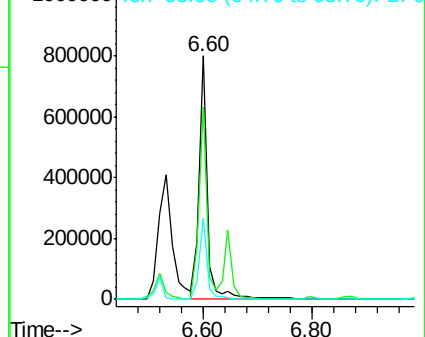
95 33.3 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 33.55 ng

RT: 6.79 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

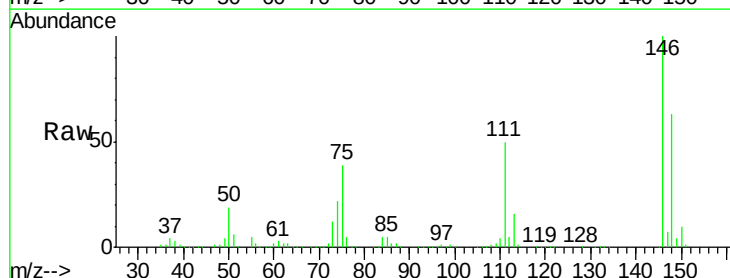
Tgt Ion: 146 Resp: 753097

Ion Ratio Lower Upper

146 100

148 63.0 51.0 76.4

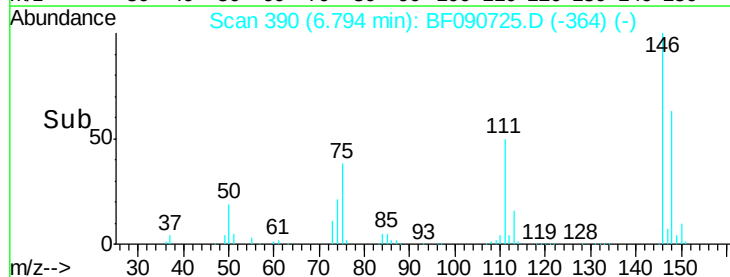
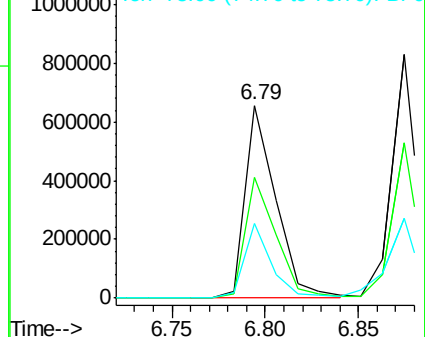
75 38.7 15.0 22.6#

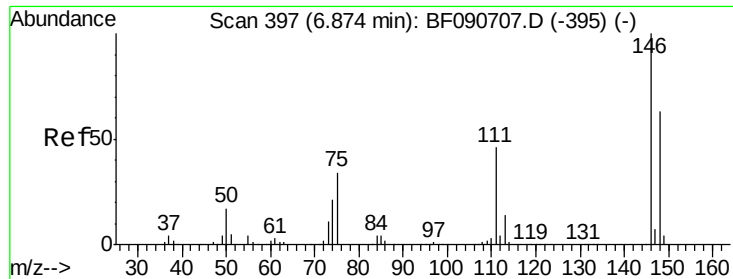


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

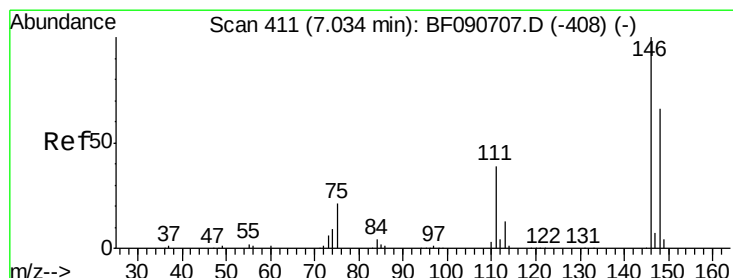
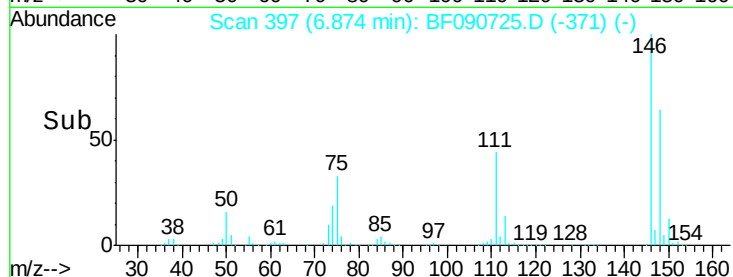
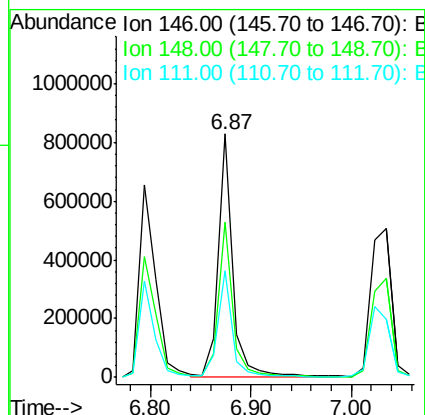
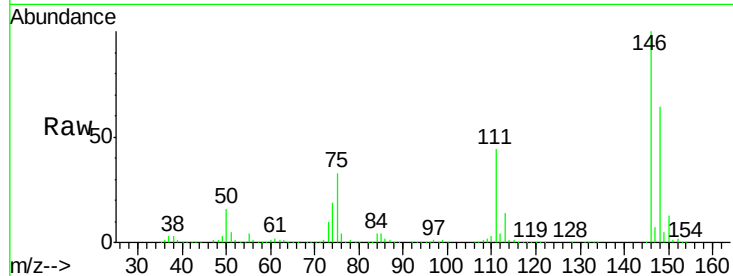




#13
 1,4-Dichlorobenzene
 Concen: 35.10 ng
 RT: 6.87 min Scan# 397
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

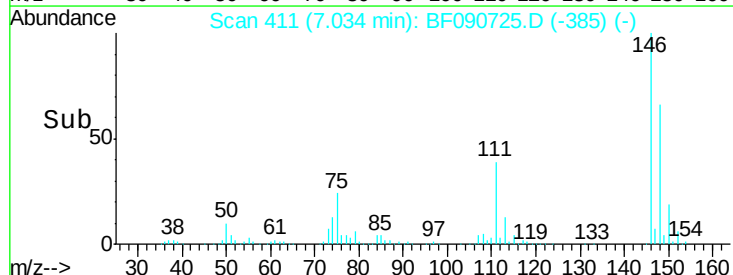
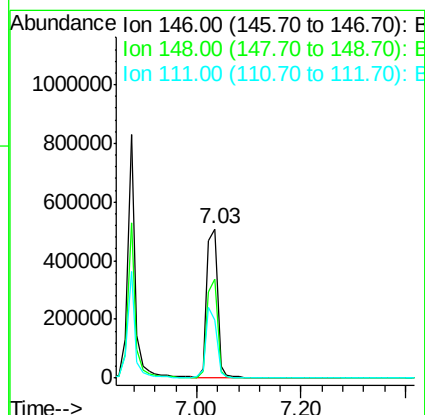
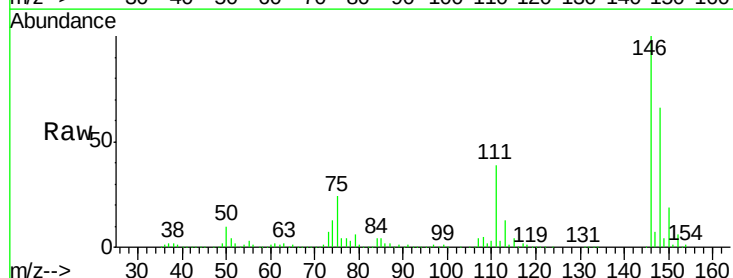
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

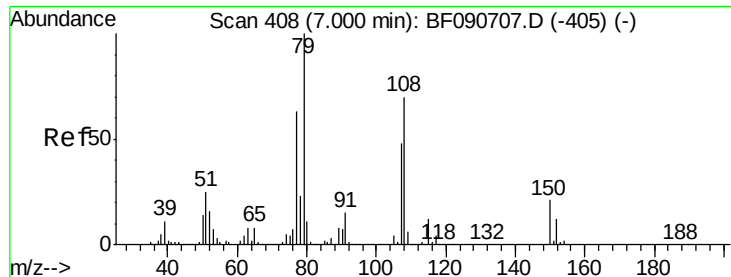
Tgt Ion:146 Resp: 835730
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.8 77.6
 111 43.9 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 32.04 ng
 RT: 7.03 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Tgt Ion:146 Resp: 746801
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.7 79.1
 111 39.1 28.8 43.2





#15

Benzyl Alcohol

Concen: 34.97 ng

RT: 7.00 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

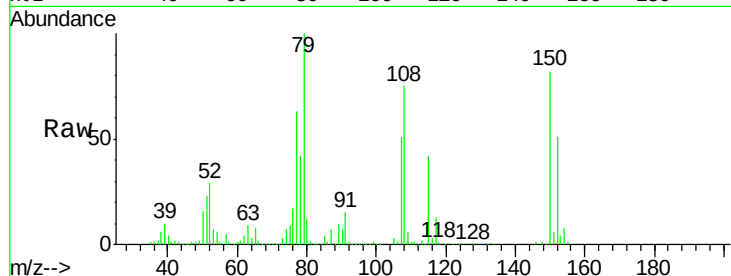
Tgt Ion: 79 Resp: 598935

Ion Ratio Lower Upper

79 100

108 75.0 88.6 132.8#

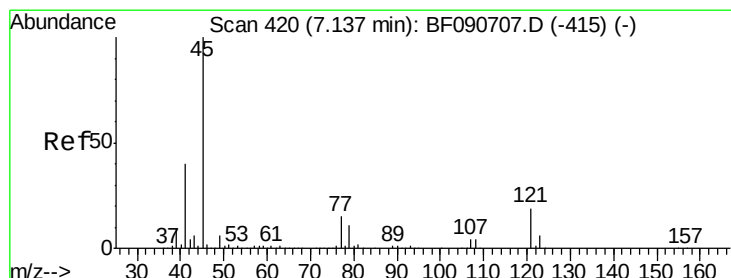
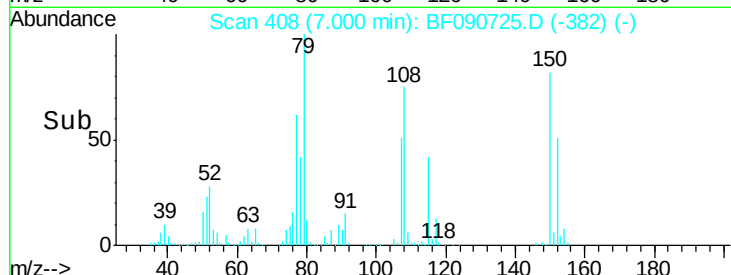
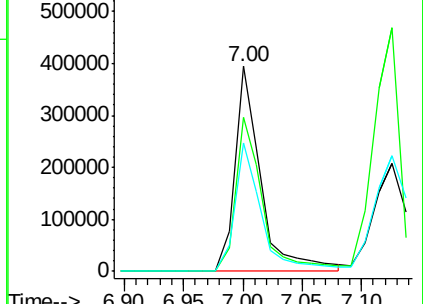
77 62.7 47.0 70.4



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: 30.10 ng

RT: 7.14 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

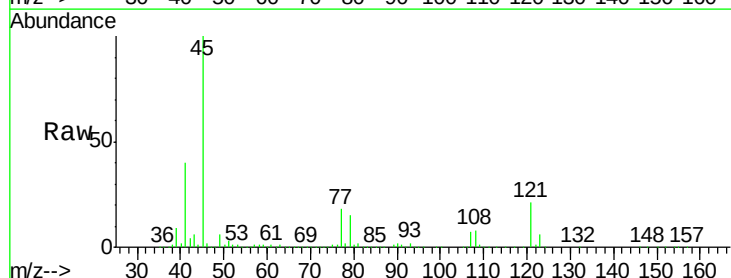
Tgt Ion: 45 Resp: 1073526

Ion Ratio Lower Upper

45 100

77 18.4 0.0 28.1

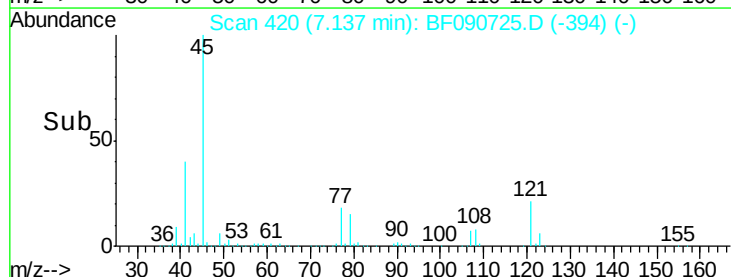
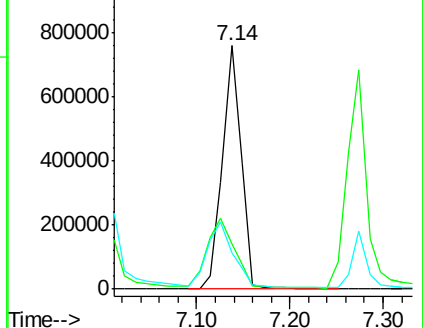
79 15.2 0.0 26.0

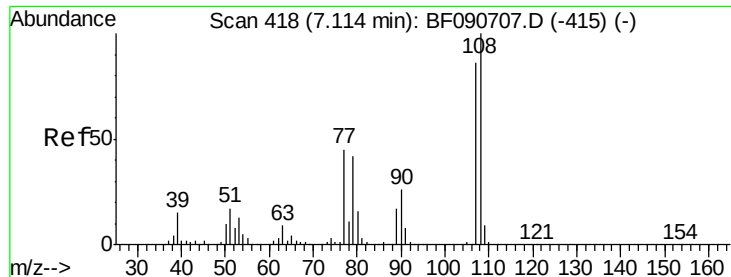


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

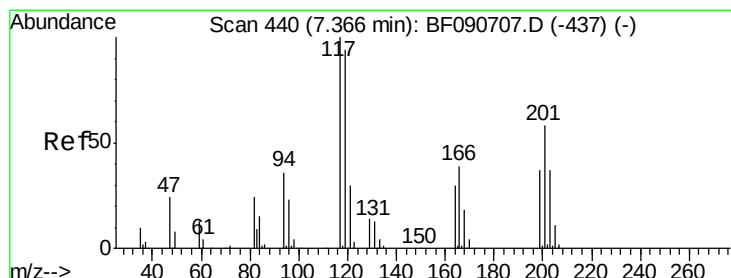
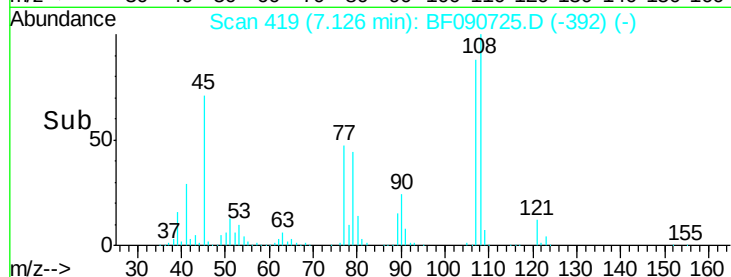
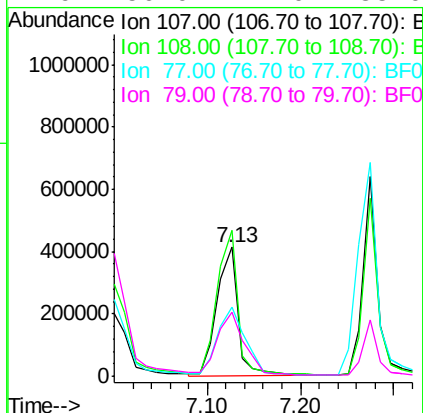
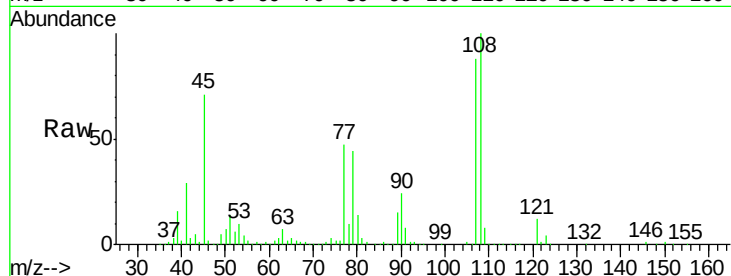




#17
2-Methylphenol
Concen: 38.34 ng
RT: 7.13 min Scan# 419
Delta R.T. 0.01 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

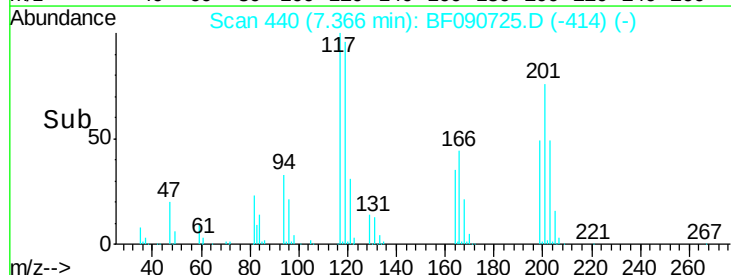
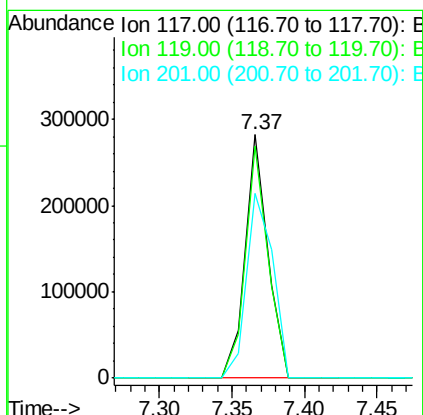
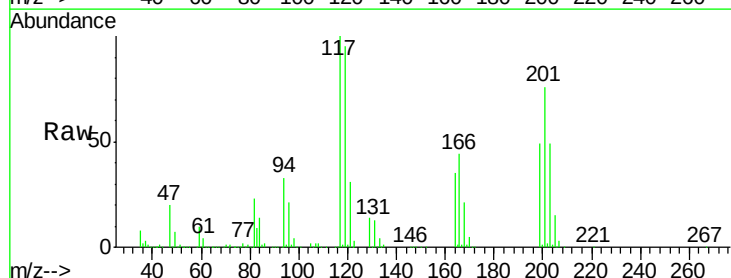
Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

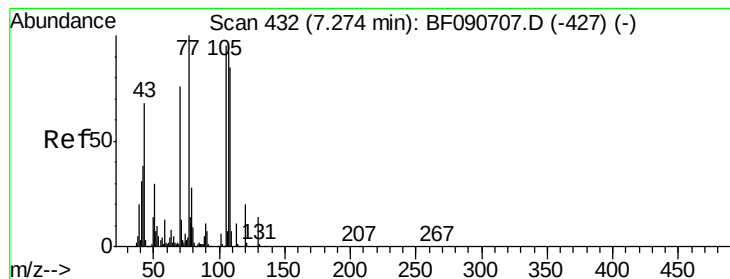
Tgt Ion:107 Resp: 645619
Ion Ratio Lower Upper
107 100
108 113.1 96.6 145.0
77 53.7 23.3 34.9#
79 50.0 22.0 33.0#



#18
Hexachloroethane
Concen: 31.73 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion:117 Resp: 306724
Ion Ratio Lower Upper
117 100
119 95.5 83.8 125.6
201 76.1 55.1 82.7





#19

n-Nitroso-di-n-propylamine

Concen: 32.93 ng

RT: 7.29 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tgt Ion: 70 Resp: 618398

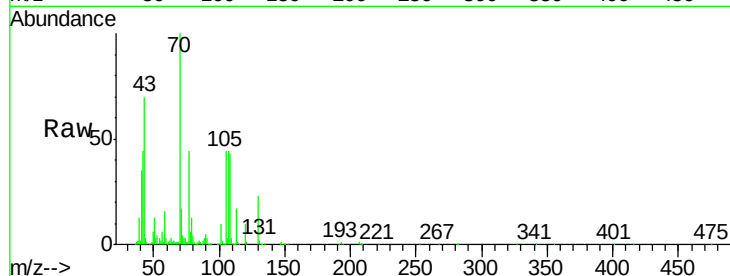
Ion Ratio Lower Upper

70 100

42 43.6 63.8 95.6#

101 9.6 9.2 13.8

130 22.9 27.3 40.9#



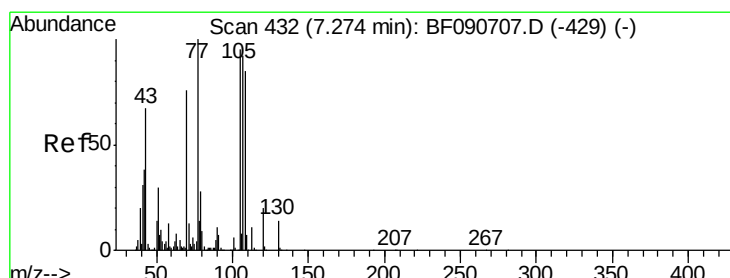
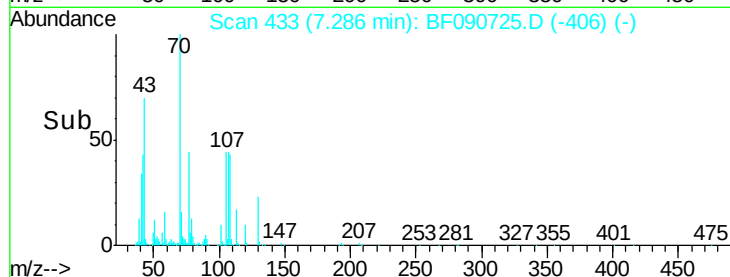
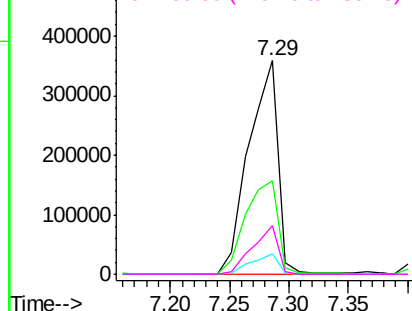
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 35.50 ng

RT: 7.27 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tgt Ion: 107 Resp: 708545

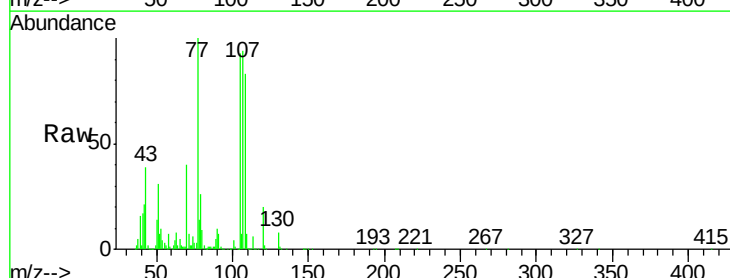
Ion Ratio Lower Upper

107 100

108 88.8 74.6 114.6

77 106.7 0.7 40.7#

79 28.2 0.0 38.9



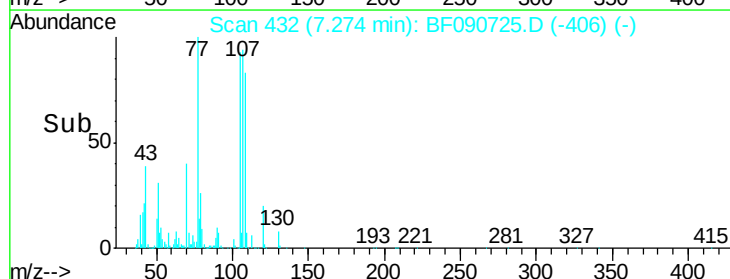
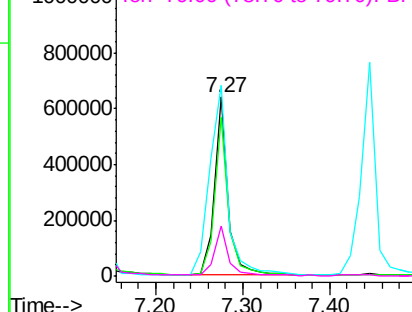
Abundance

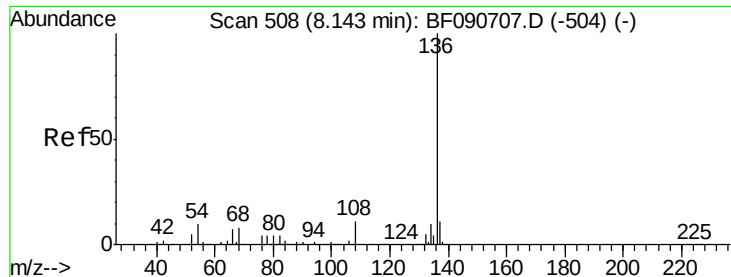
Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tgt Ion:136 Resp: 1232488

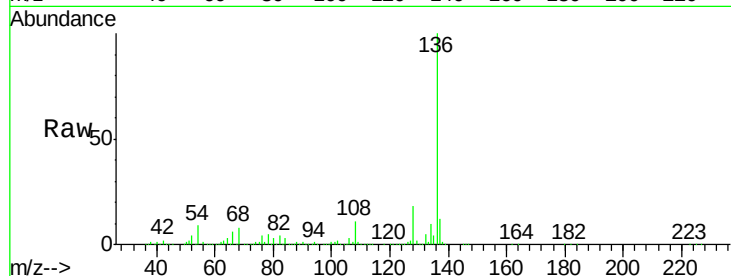
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 8.7 8.2 12.2

68 7.8 5.8 8.6

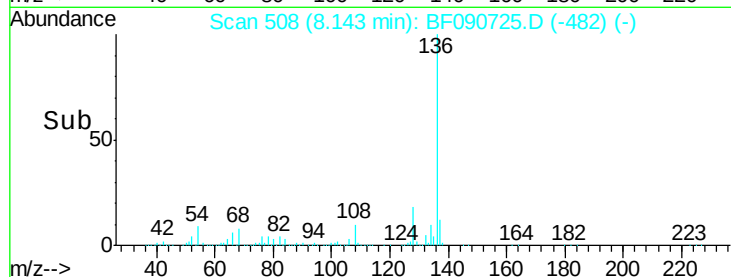


Abundance Ion 136.00 (135.70 to 136.70): E

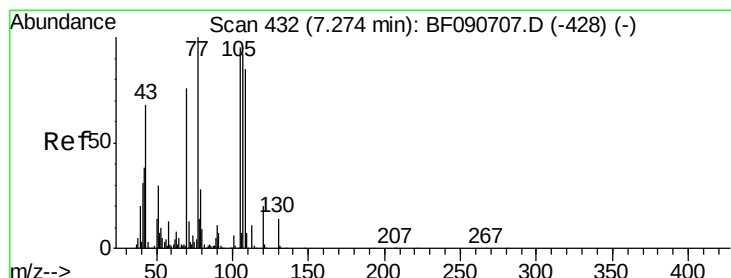
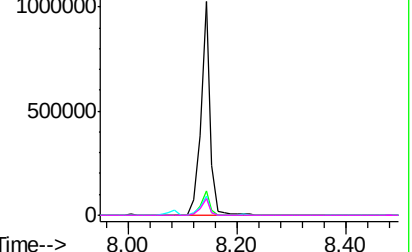
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 37.58 ng

RT: 7.27 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tgt Ion:105 Resp: 1032191

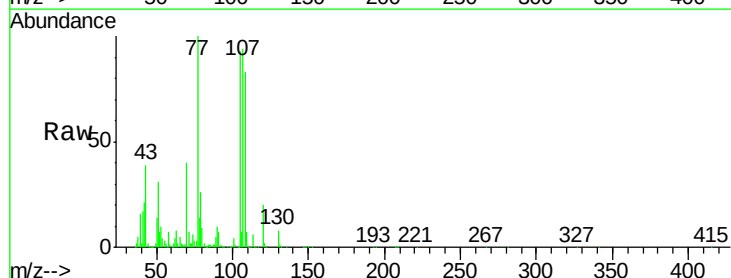
Ion Ratio Lower Upper

105 100

71 7.4 4.7 7.1#

51 33.0 22.0 33.0

120 21.6 30.1 45.1#

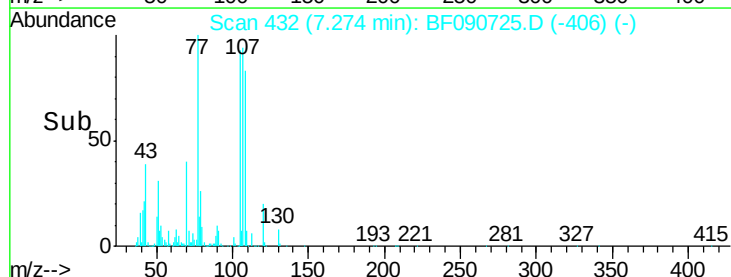


Abundance Ion 105.00 (104.70 to 105.70): E

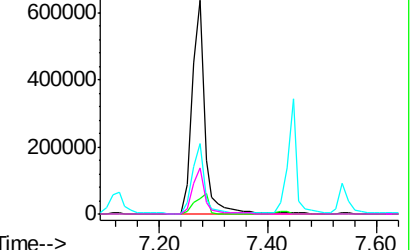
Ion 71.00 (70.70 to 71.70): BF0

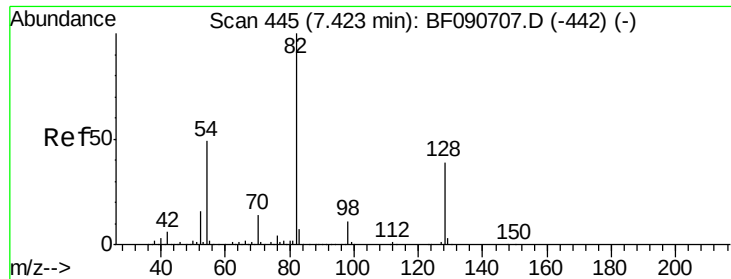
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

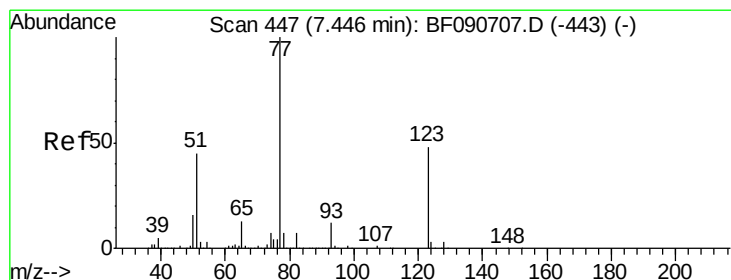
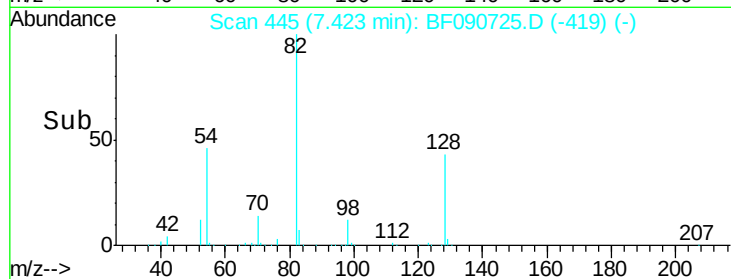
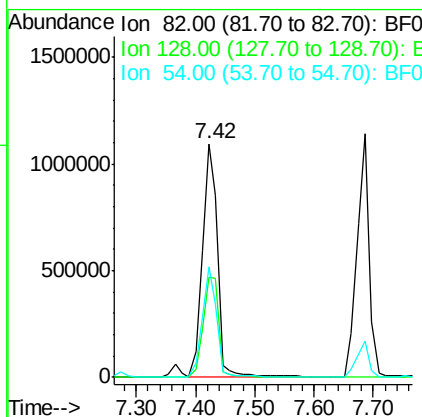
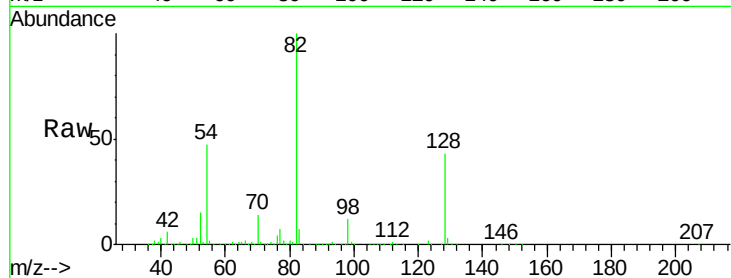




#23
 Nitrobenzene-d5
 Concen: 87.30 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

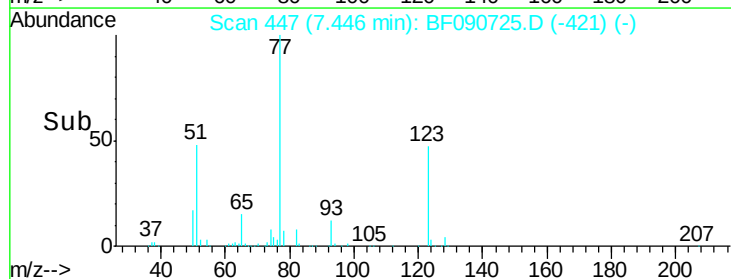
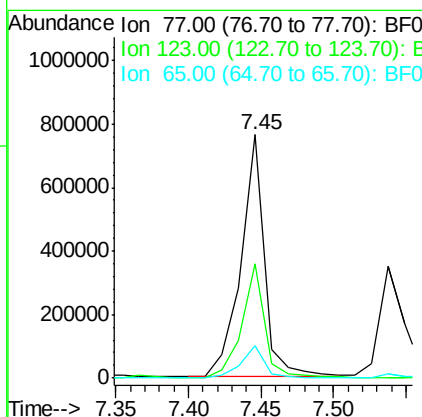
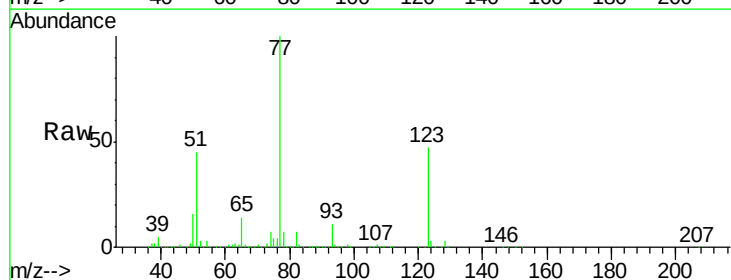
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

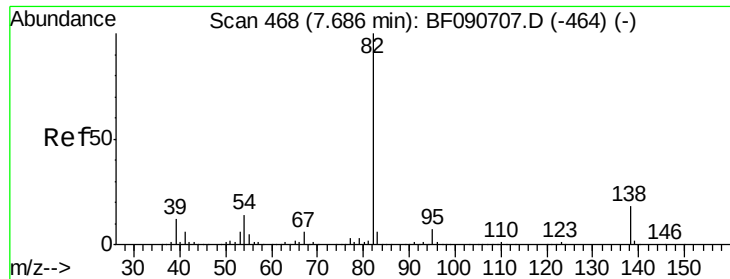
Tgt Ion: 82 Resp: 1961684
 Ion Ratio Lower Upper
 82 100
 128 42.9 51.0 76.6#
 54 47.2 47.5 71.3#



#24
 Nitrobenzene
 Concen: 35.47 ng
 RT: 7.45 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Tgt Ion: 77 Resp: 864037
 Ion Ratio Lower Upper
 77 100
 123 46.8 59.8 89.8#
 65 13.6 10.2 15.4





#25

Isophorone

Concen: 37.83 ng

RT: 7.69 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

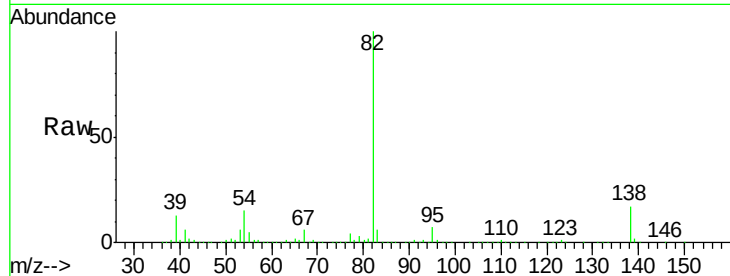
Tgt Ion: 82 Resp: 1609088

Ion Ratio Lower Upper

82 100

95 6.8 4.0 6.0#

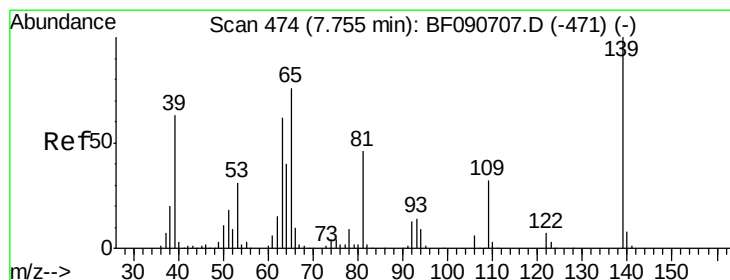
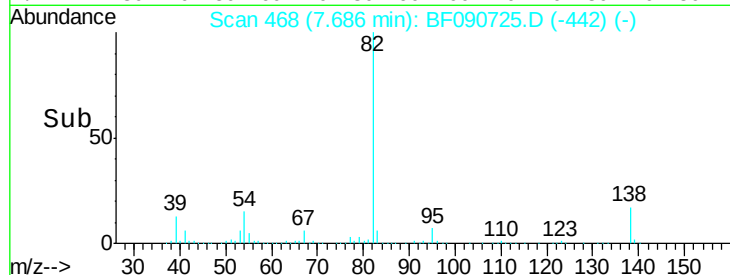
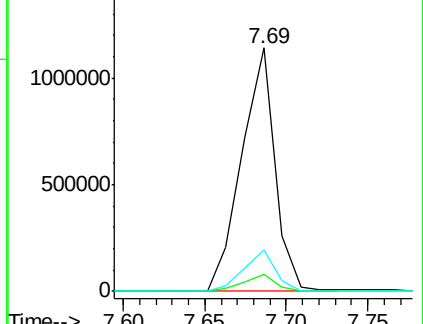
138 17.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.42 ng

RT: 7.75 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

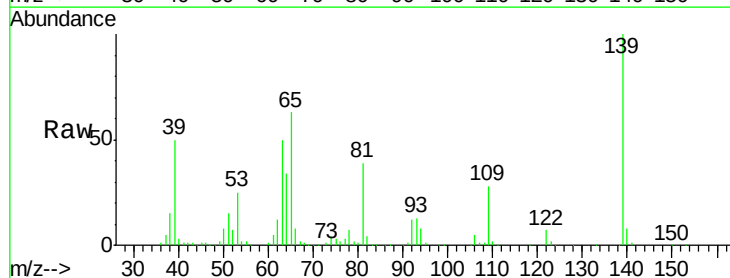
Tgt Ion: 139 Resp: 402224

Ion Ratio Lower Upper

139 100

109 28.4 11.0 16.4#

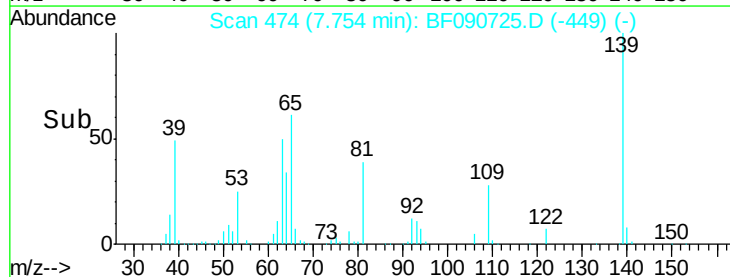
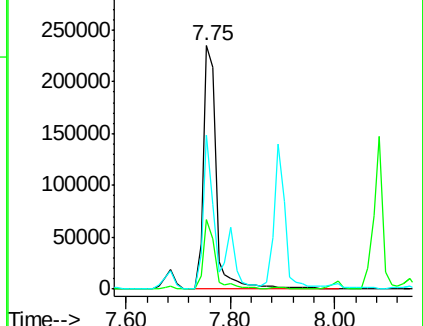
65 63.2 24.7 37.1#

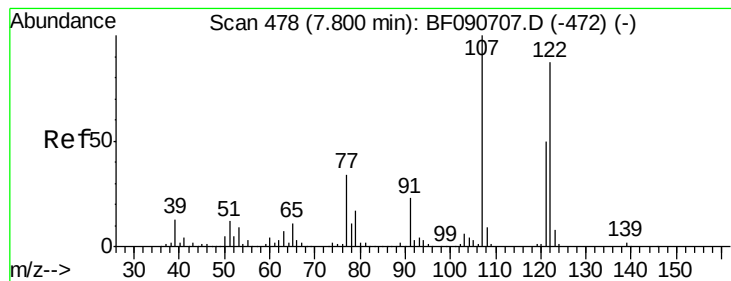


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.22 ng

RT: 7.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

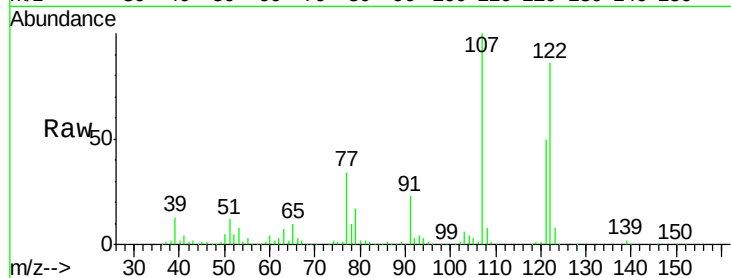
Tgt Ion:122 Resp: 656830

Ion Ratio Lower Upper

122 100

107 116.0 71.8 107.6#

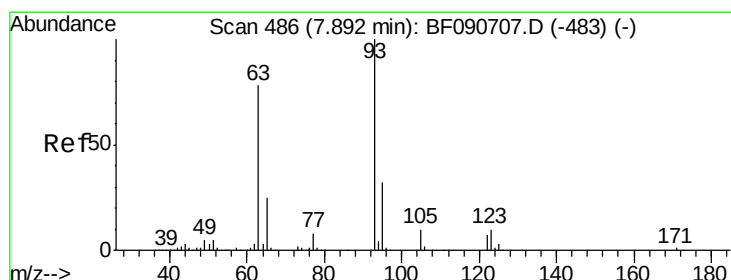
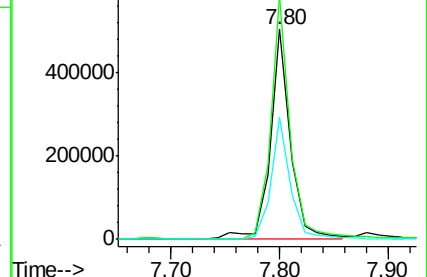
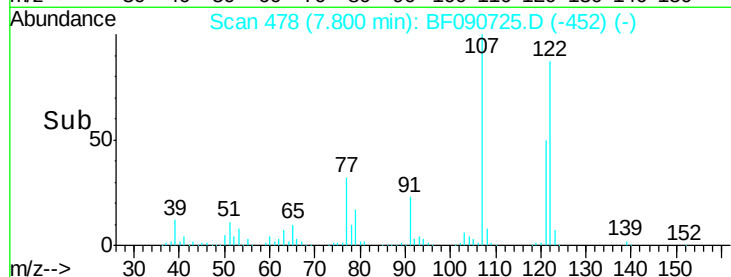
121 57.9 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.75 ng

RT: 7.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

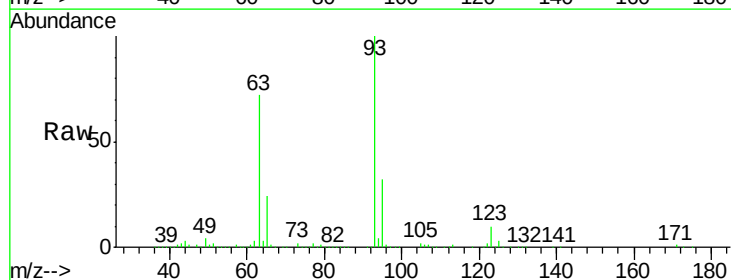
Tgt Ion: 93 Resp: 948274

Ion Ratio Lower Upper

93 100

95 32.3 27.5 41.3

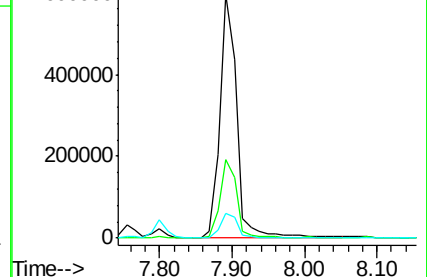
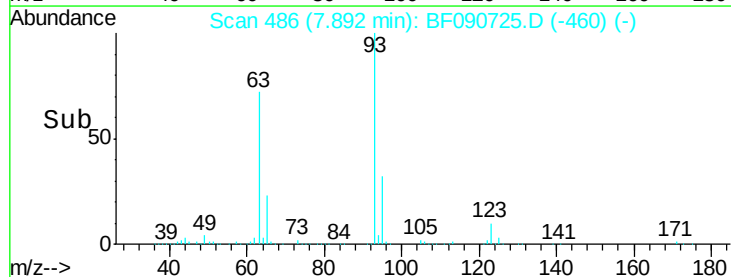
123 10.2 13.7 20.5#

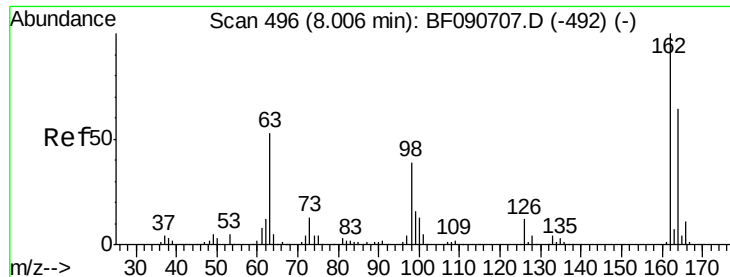


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

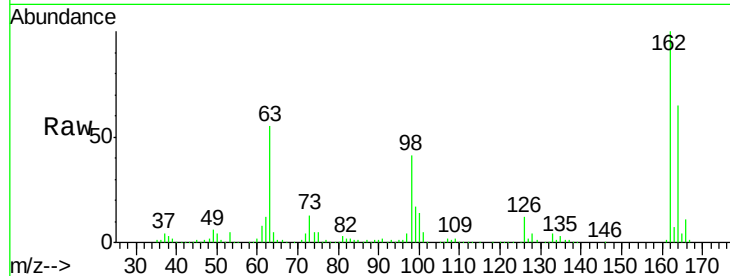




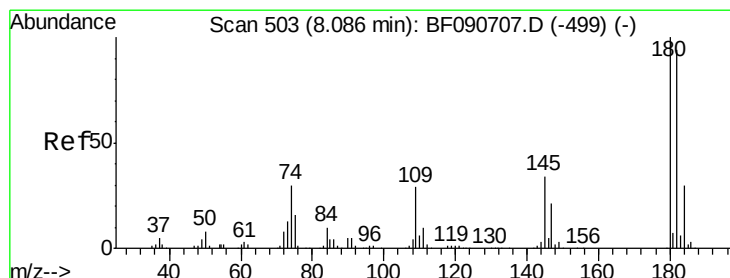
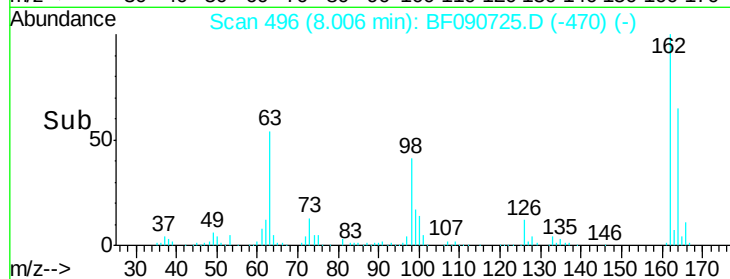
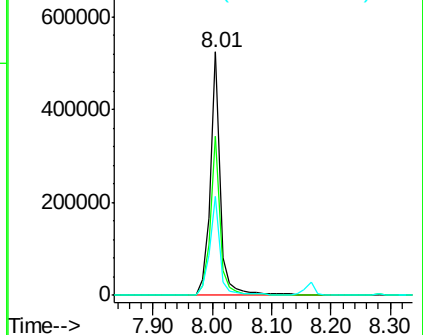
#29
2,4-Dichlorophenol
Concen: 42.13 ng
RT: 8.01 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

Tgt Ion:162 Resp: 610170
Ion Ratio Lower Upper
162 100
164 65.3 44.9 84.9
98 40.6 13.0 53.0

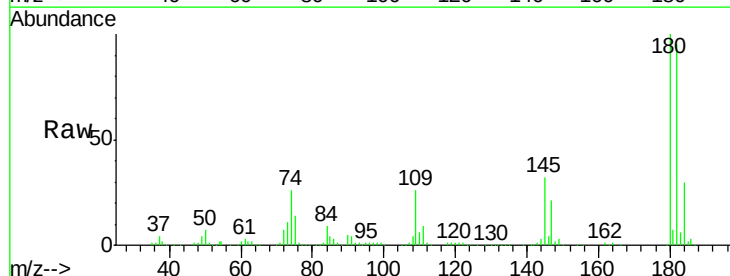


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

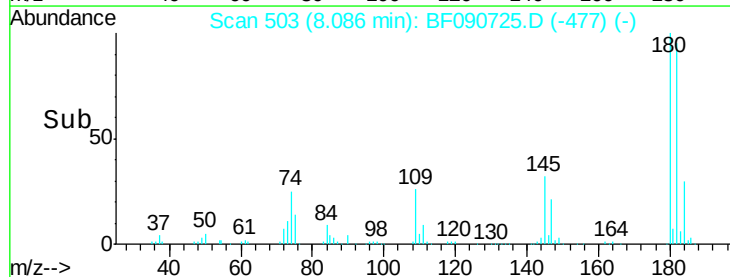
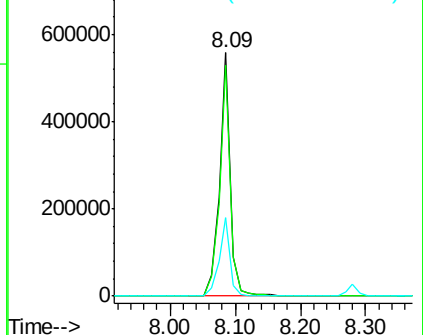


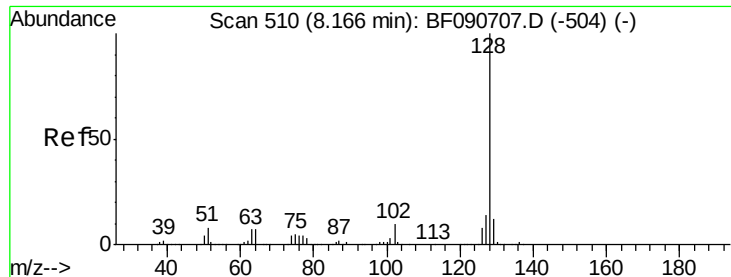
#30
1,2,4-Trichlorobenzene
Concen: 38.75 ng
RT: 8.09 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion:180 Resp: 660403
Ion Ratio Lower Upper
180 100
182 94.6 77.1 115.7
145 32.5 23.3 34.9



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

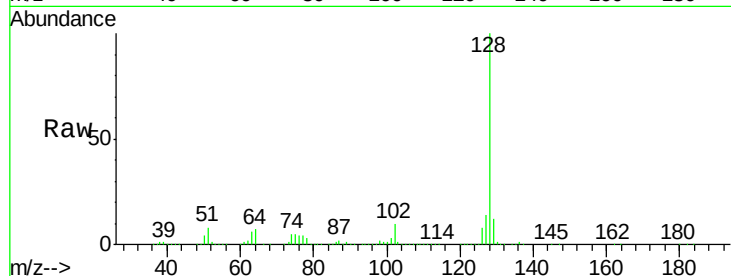




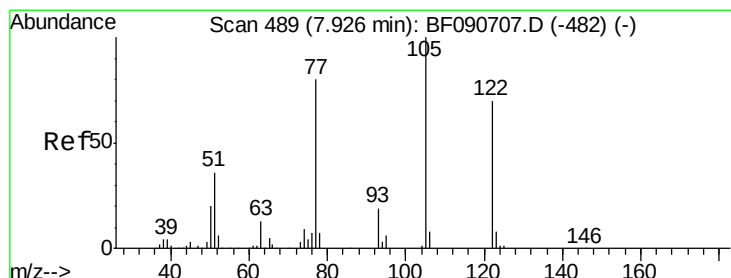
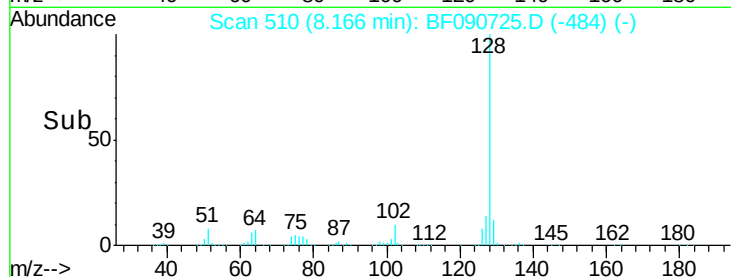
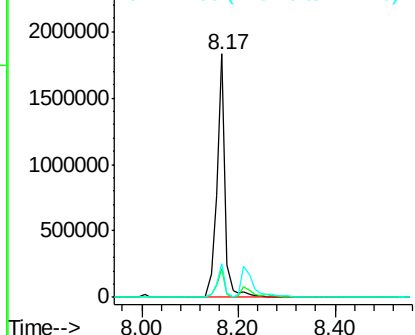
#31
Naphthalene
Concen: 36.69 ng
RT: 8.17 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

Tgt Ion:128 Resp: 2212030
Ion Ratio Lower Upper
128 100
129 11.9 8.4 12.6
127 14.0 9.9 14.9

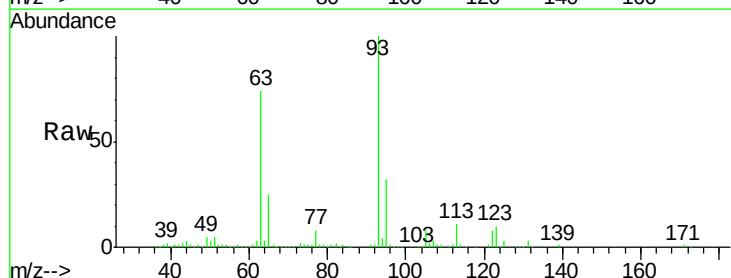


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

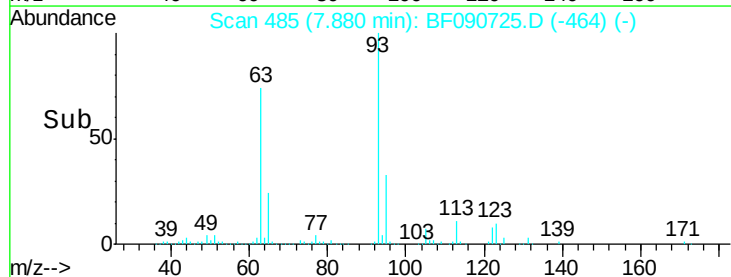
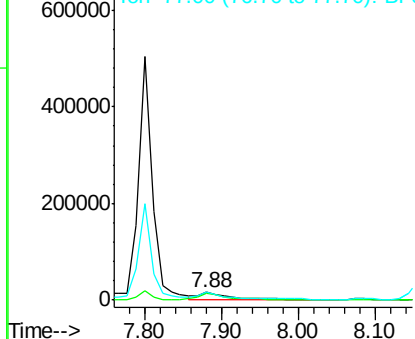


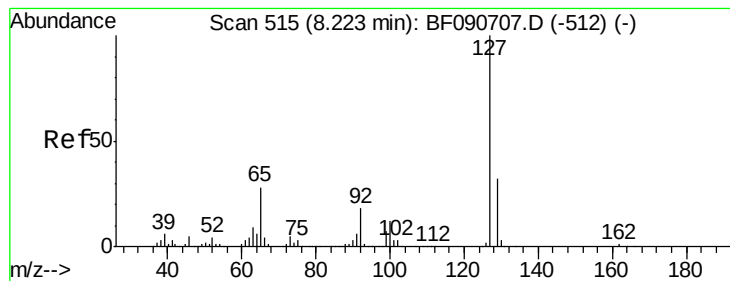
#32
Benzoic acid
Concen: 10.43 ng
RT: 7.88 min Scan# 485
Delta R.T. -0.06 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion:122 Resp: 42585
Ion Ratio Lower Upper
122 100
105 98.9 76.1 116.1
77 100.7 40.5 80.5#



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





#33

4-Chloroaniline

Concen: 18.52 ng

RT: 8.21 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

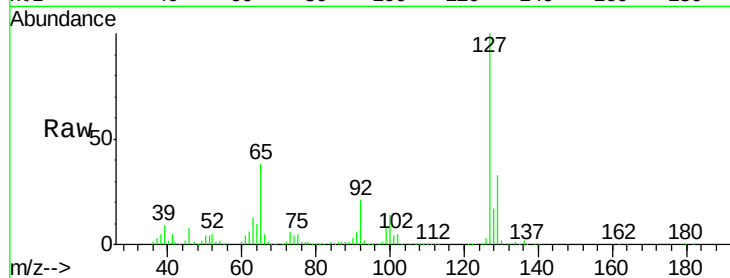
Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tgt Ion:	127	Resp:	414004
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	37.9	17.9	26.9#
92	21.2	10.5	15.7#

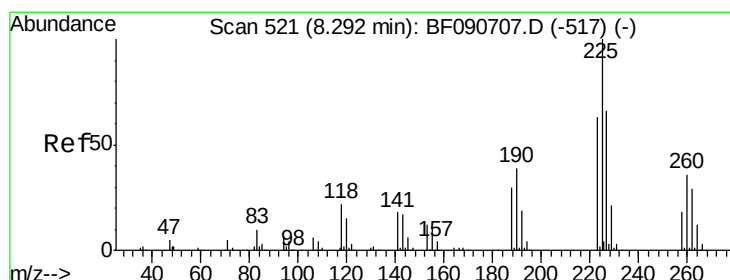
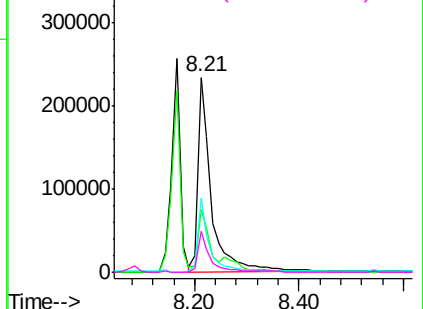
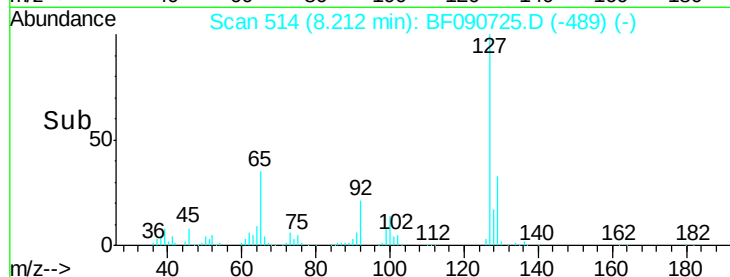


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.50 ng

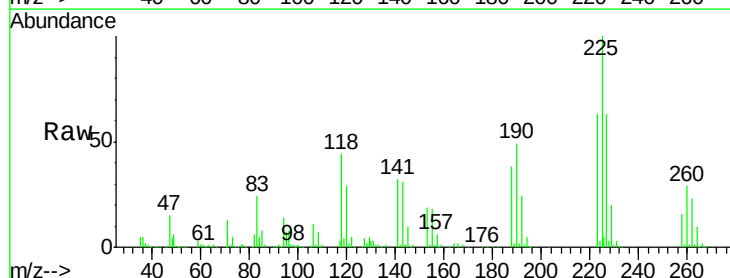
RT: 8.28 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

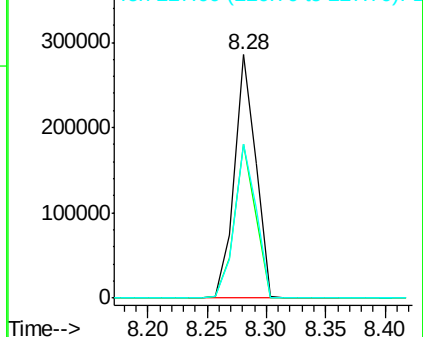
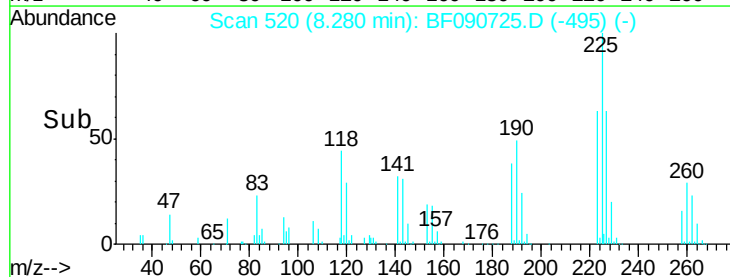
Tgt Ion:	225	Resp:	359327
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.2
227	63.1	52.2	78.2

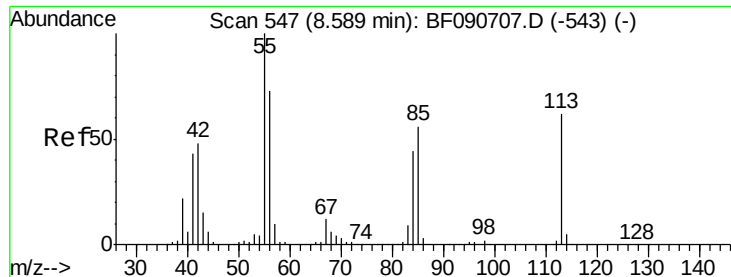


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

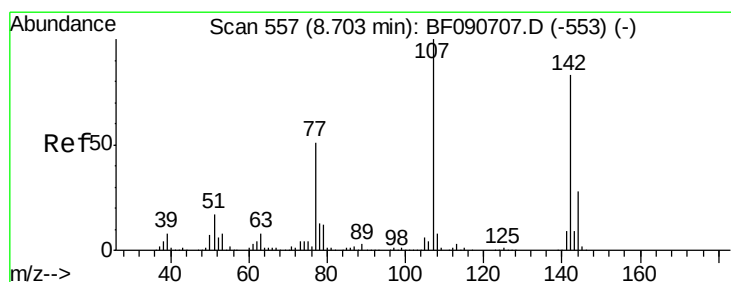
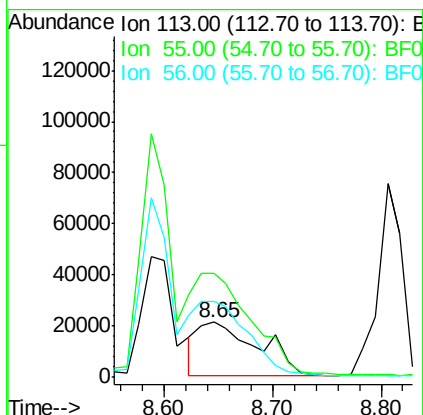
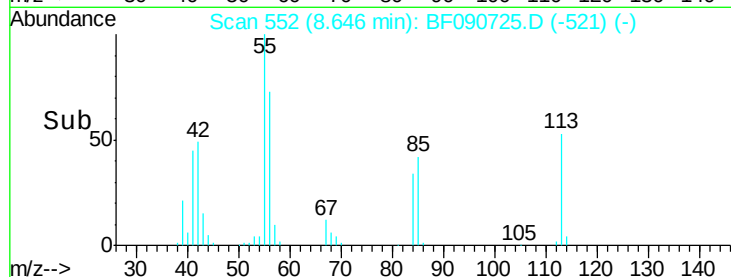
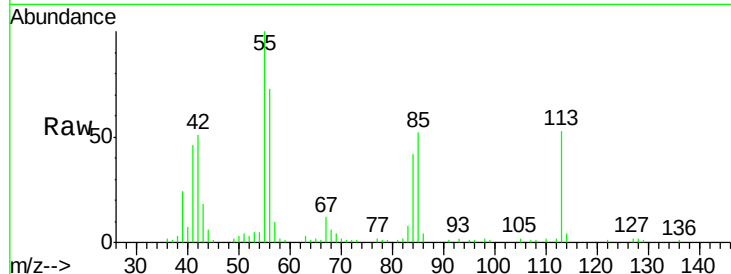




#35
 Caprolactam
 Concen: 19.46 ng
 RT: 8.65 min Scan# 552
 Delta R.T. 0.06 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

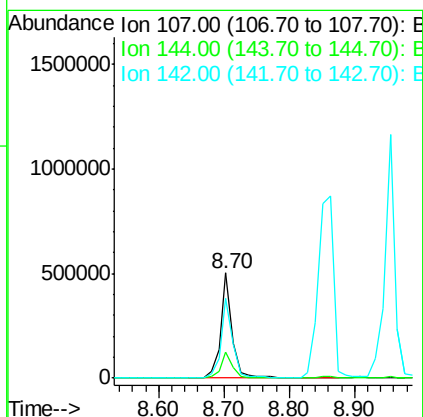
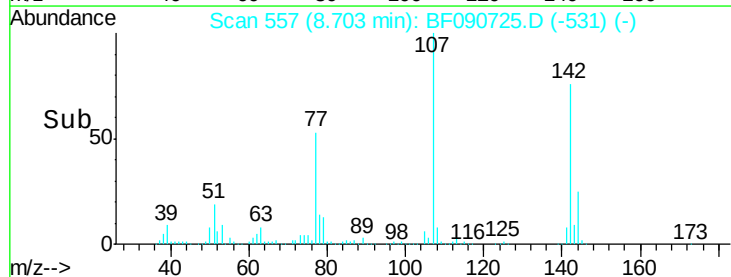
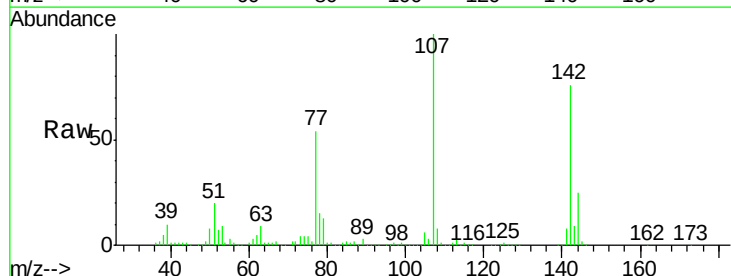
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

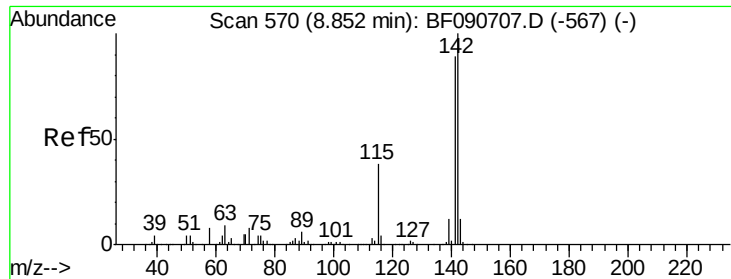
Tgt Ion:113 Resp: 80473
 Ion Ratio Lower Upper
 113 100
 55 188.1 152.4 192.4
 56 137.3 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 37.75 ng
 RT: 8.70 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Tgt Ion:107 Resp: 635956
 Ion Ratio Lower Upper
 107 100
 144 24.8 25.4 38.0#
 142 76.2 77.3 115.9#

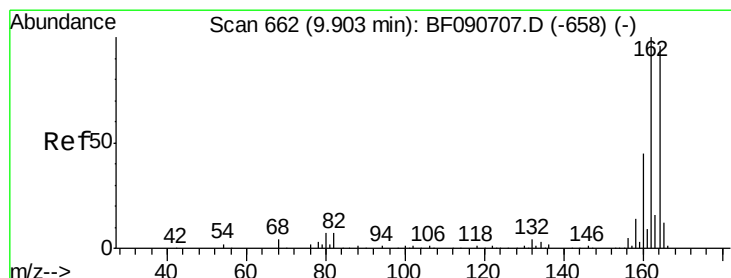
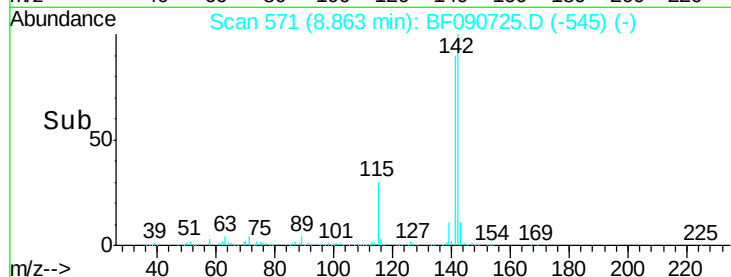
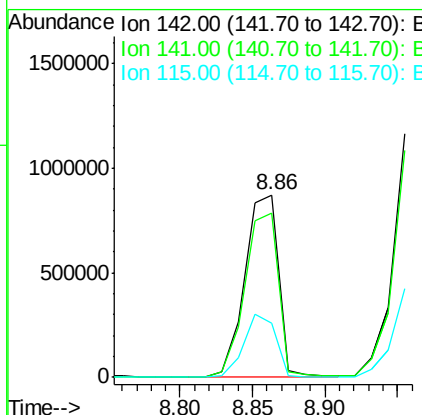
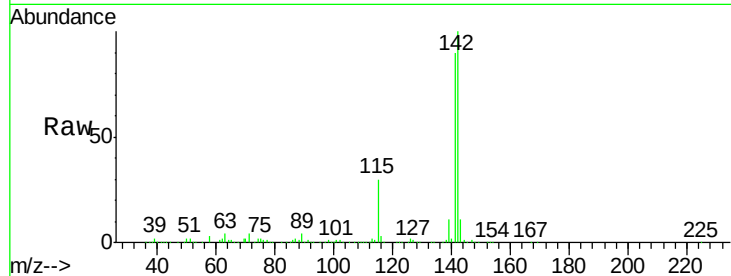




#37
 2-Methylnaphthalene
 Concen: 40.12 ng
 RT: 8.86 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

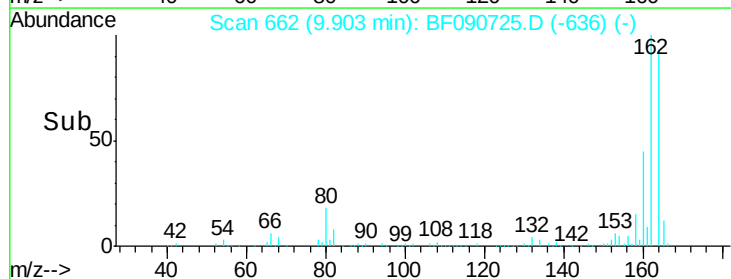
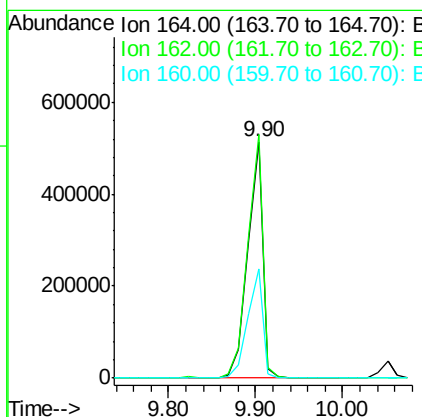
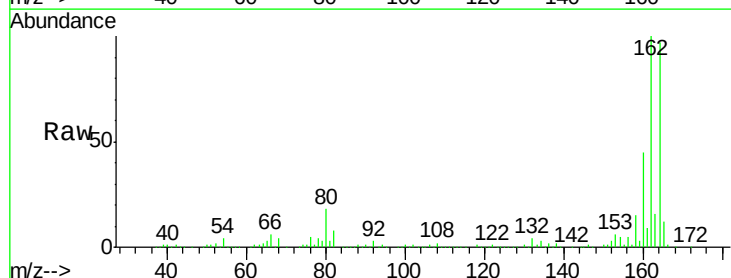
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

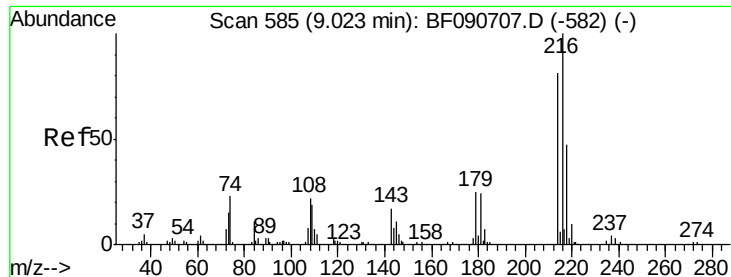
Tgt Ion:142 Resp: 1413623
 Ion Ratio Lower Upper
 142 100
 141 90.0 67.5 101.3
 115 29.9 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Tgt Ion:164 Resp: 628272
 Ion Ratio Lower Upper
 164 100
 162 103.1 75.2 112.8
 160 46.1 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.10 ng

RT: 9.02 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tgt Ion:216 Resp: 612364

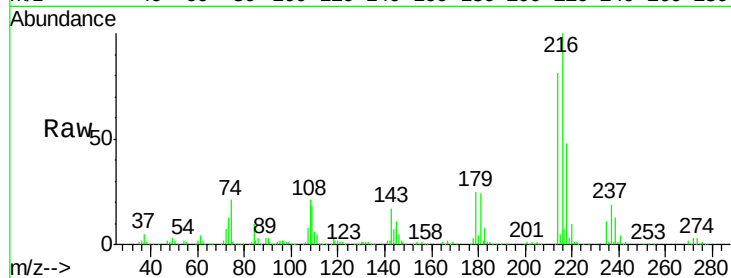
Ion Ratio Lower Upper

216 100

214 79.7 63.5 95.3

179 22.9 16.6 24.8

108 22.6 16.3 24.5

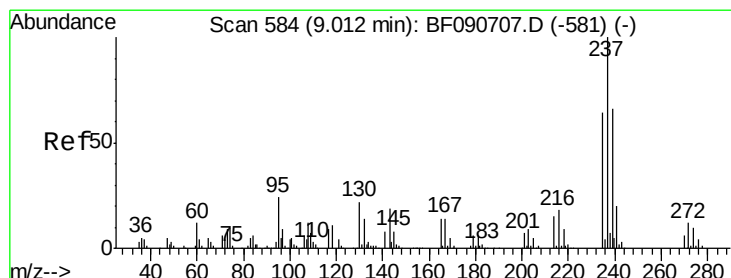
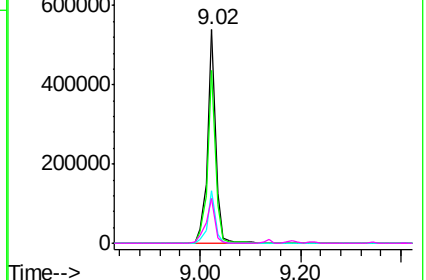
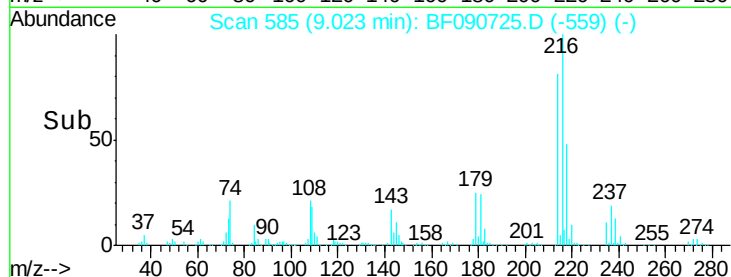


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 90.27 ng

RT: 9.01 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

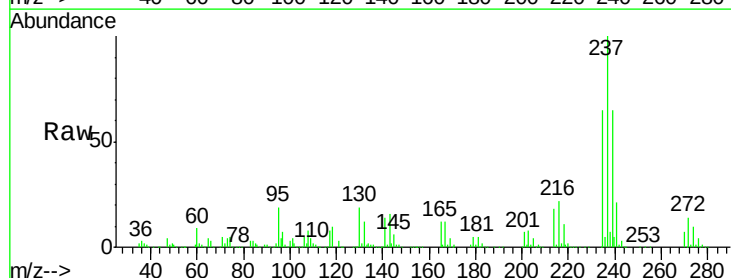
Tgt Ion:237 Resp: 718926

Ion Ratio Lower Upper

237 100

235 64.8 42.0 82.0

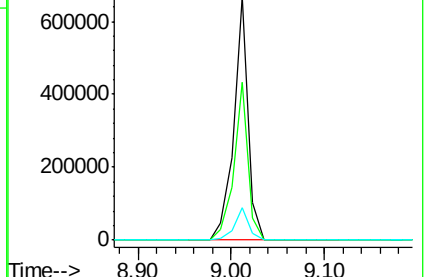
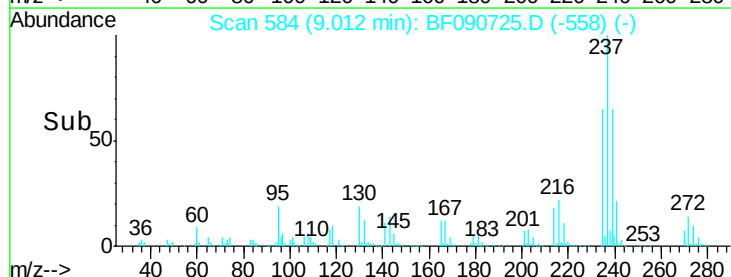
272 13.6 0.0 36.1

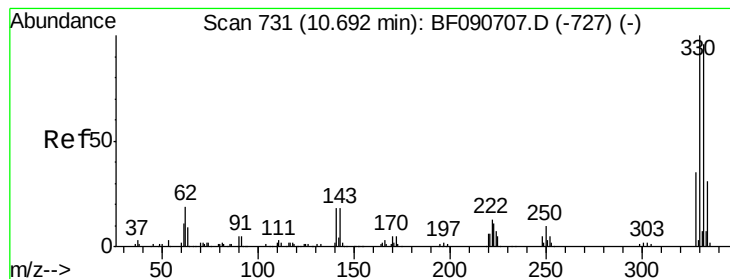


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

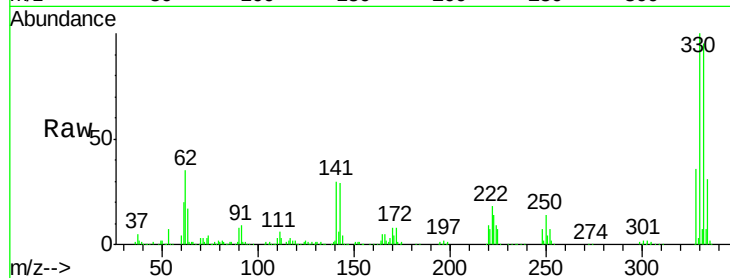




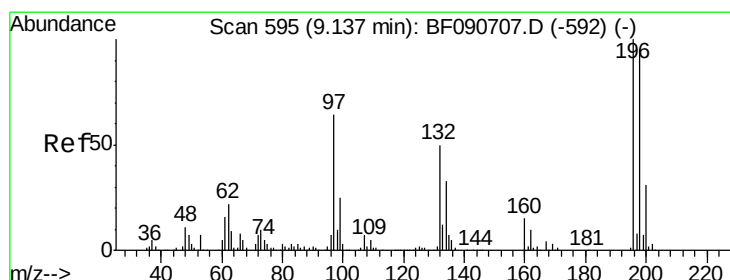
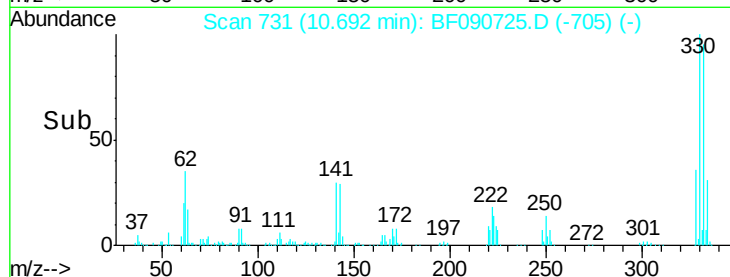
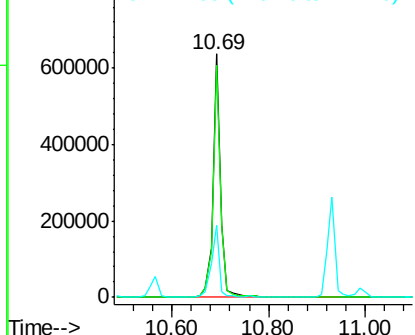
#41
 2,4,6-Tribromophenol
 Concen: 144.27 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

Tgt Ion:330 Resp: 717408
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 30.5 29.7 44.5

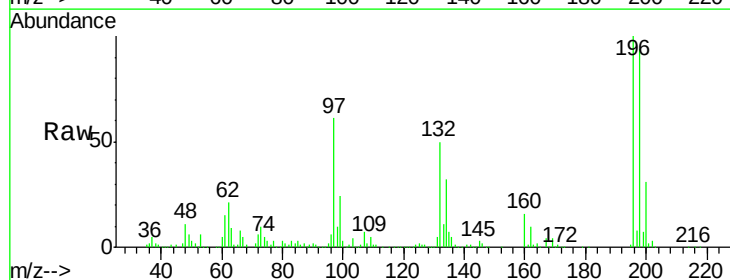


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

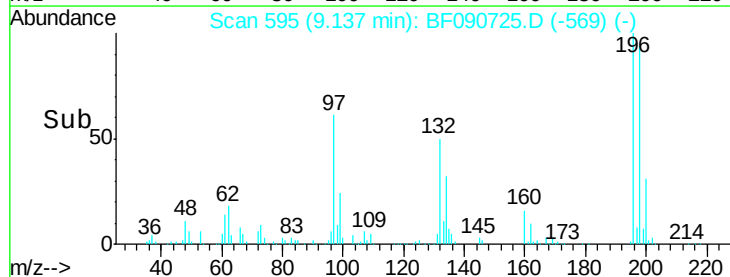
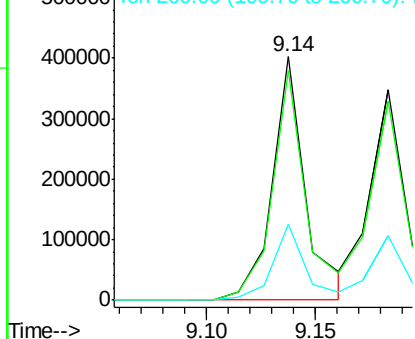


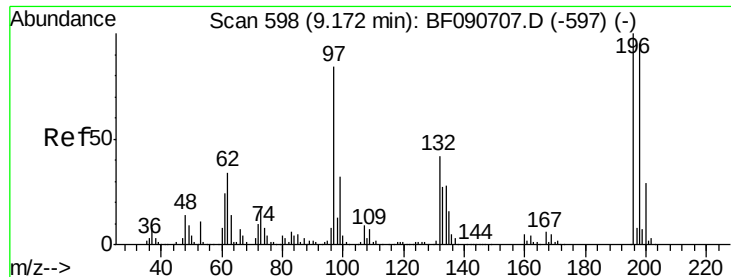
#42
 2,4,6-Trichlorophenol
 Concen: 40.97 ng
 RT: 9.14 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Tgt Ion:196 Resp: 431020
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 200 31.2 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

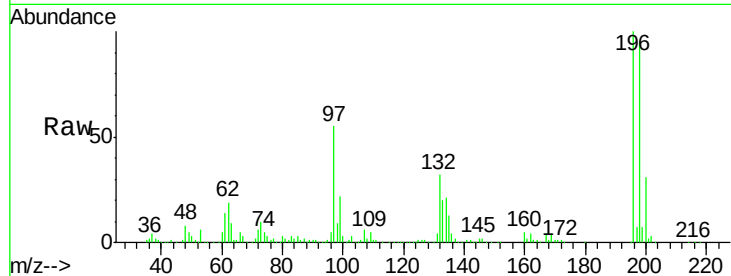




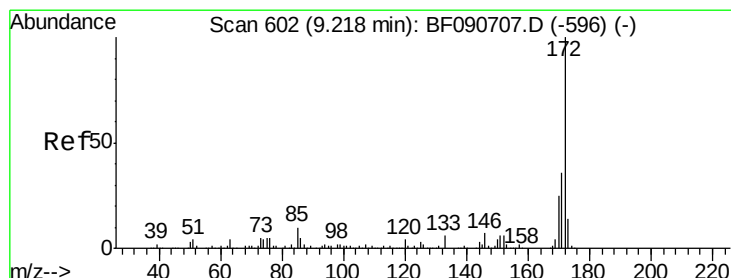
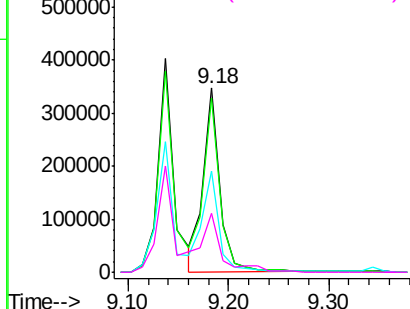
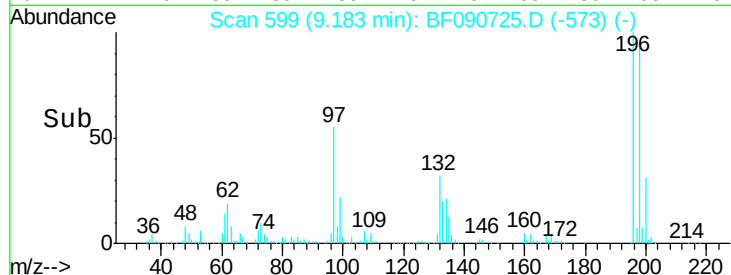
#43
 2,4,5-Trichlorophenol
 Concen: 37.63 ng
 RT: 9.18 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

Tgt Ion:196 Resp: 401800
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.4 113.0
 97 54.8 33.3 49.9#
 132 32.3 24.6 37.0

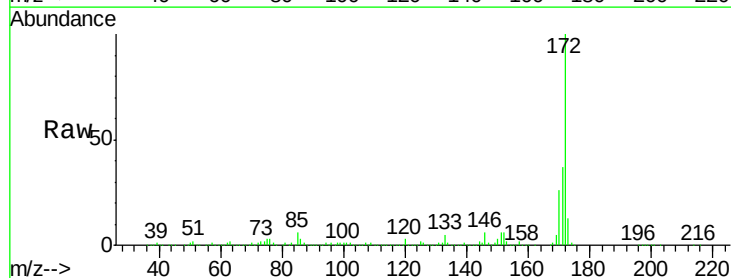


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

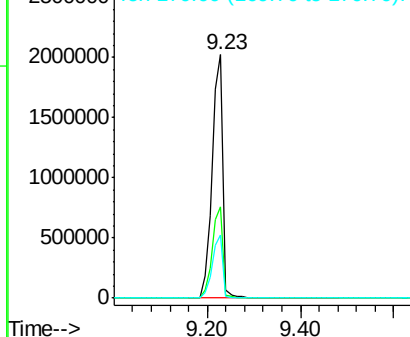
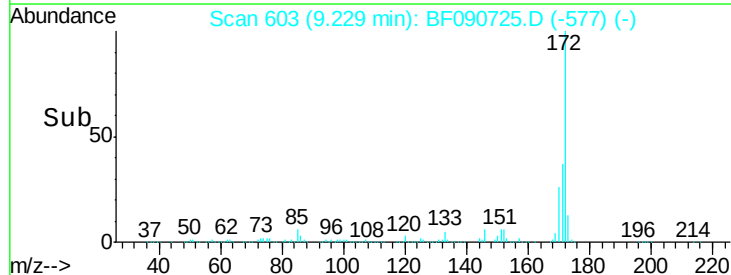


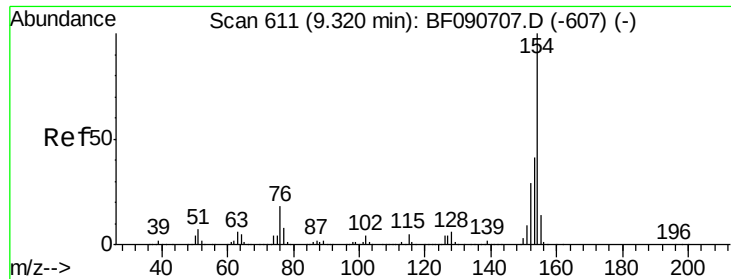
#44
 2-Fluorobiphenyl
 Concen: 81.60 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Tgt Ion:172 Resp: 3302656
 Ion Ratio Lower Upper
 172 100
 171 37.3 26.1 39.1
 170 25.7 17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

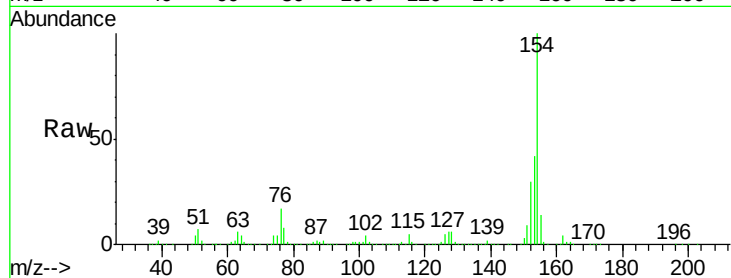




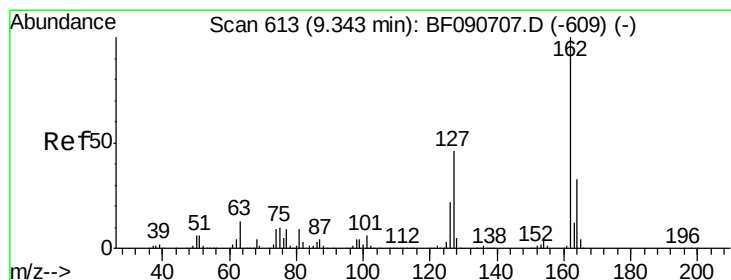
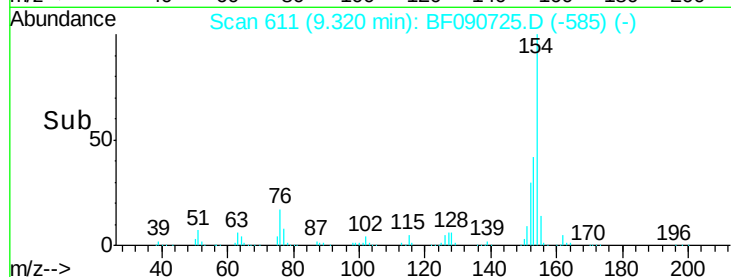
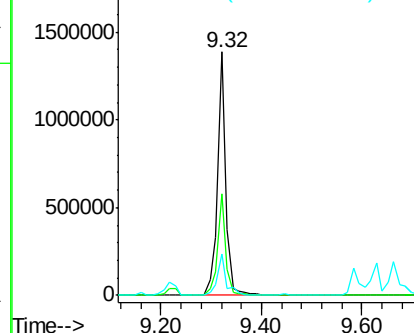
#45
 1,1'-Biphenyl
 Concen: 32.28 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

Tgt Ion:154 Resp: 1592768
 Ion Ratio Lower Upper
 154 100
 153 41.9 17.1 57.1
 76 16.9 0.0 31.6

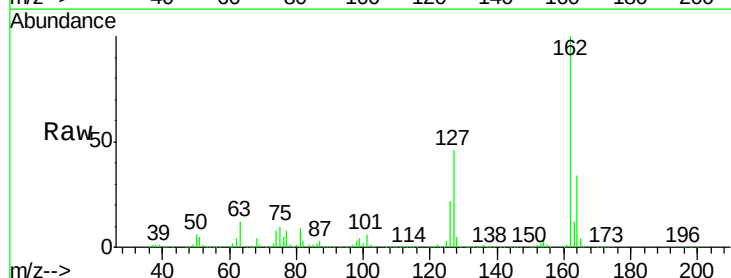


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

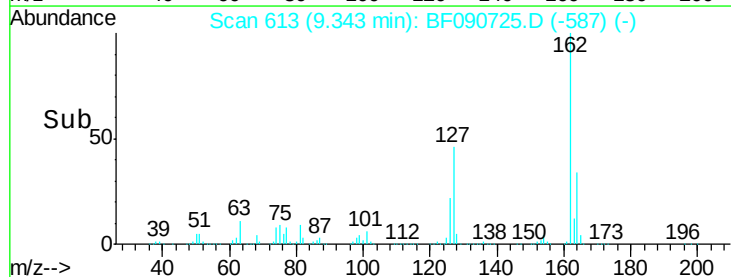
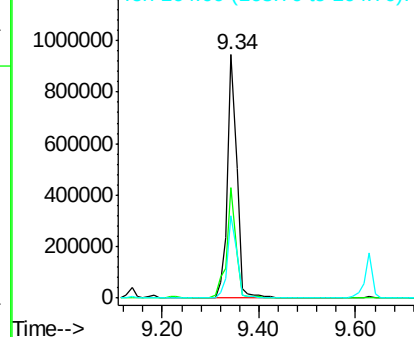


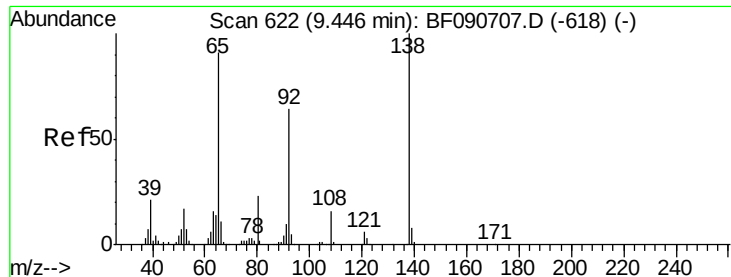
#46
 2-Chloronaphthalene
 Concen: 34.97 ng
 RT: 9.34 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Tgt Ion:162 Resp: 1282621
 Ion Ratio Lower Upper
 162 100
 127 45.6 27.6 41.4#
 164 33.7 25.4 38.2



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: 35.29 ng

RT: 9.45 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

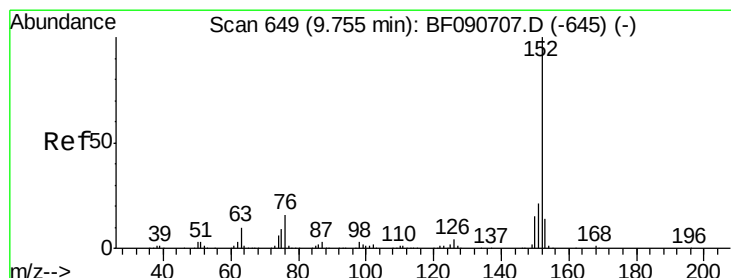
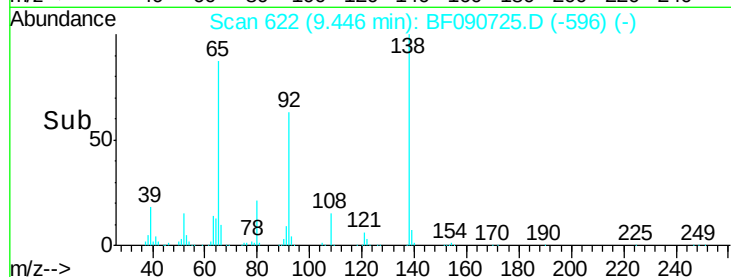
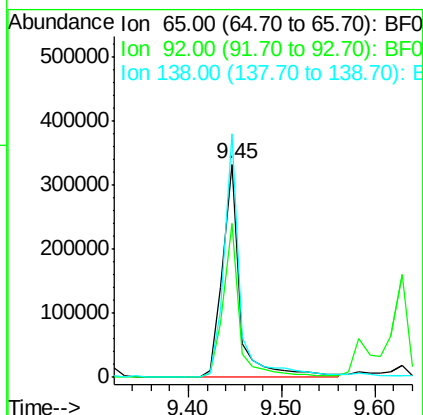
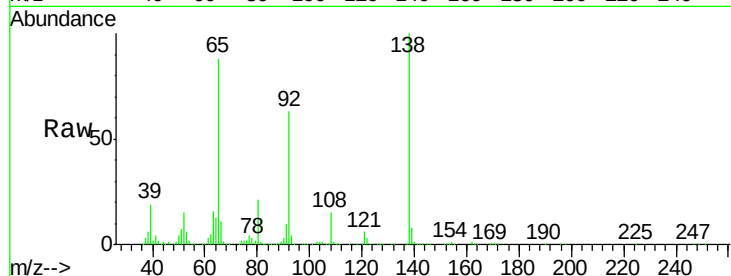
Tgt Ion: 65 Resp: 429525

Ion Ratio Lower Upper

65 100

92 72.0 55.4 83.0

138 114.0 115.5 173.3#



#48

Acenaphthylene

Concen: 36.42 ng

RT: 9.77 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

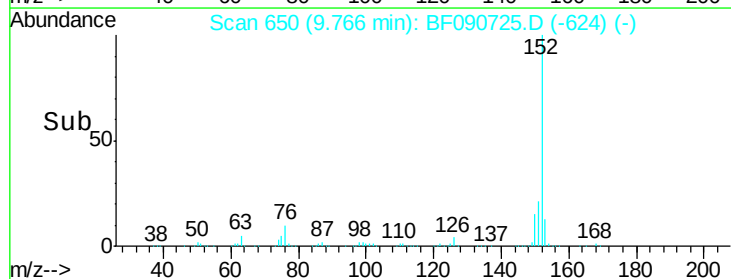
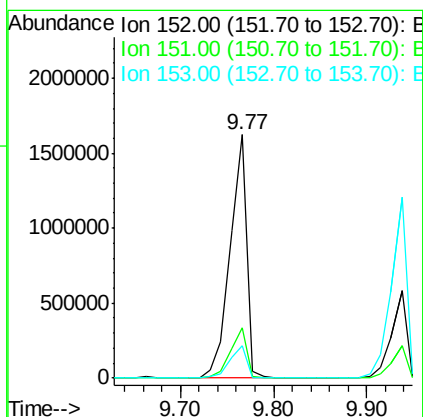
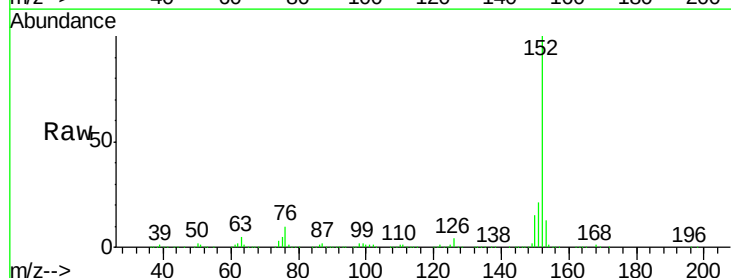
Tgt Ion: 152 Resp: 2038187

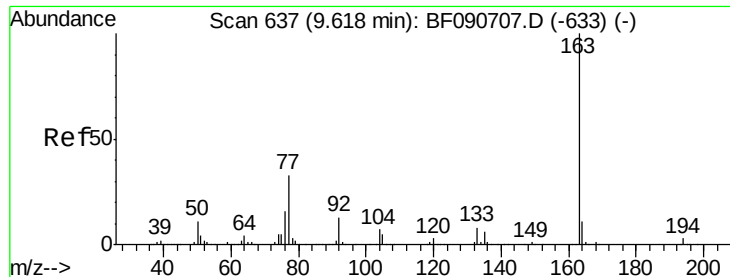
Ion Ratio Lower Upper

152 100

151 20.7 14.6 22.0

153 13.5 10.3 15.5





#49

Dimethylphthalate

Concen: 45.75 ng

RT: 9.63 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

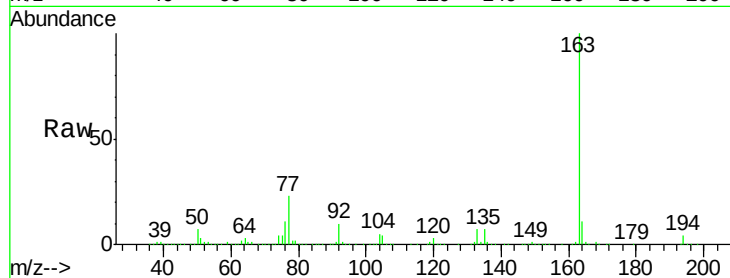
Tgt Ion:163 Resp: 1806244

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

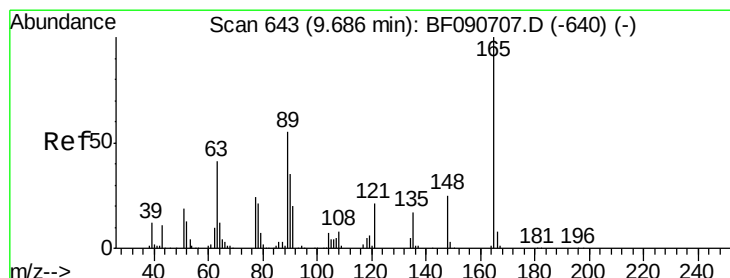
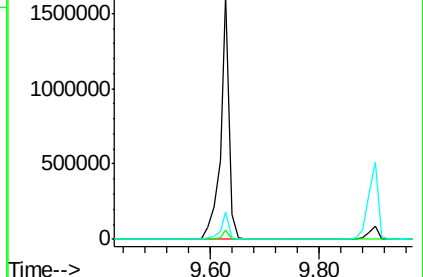
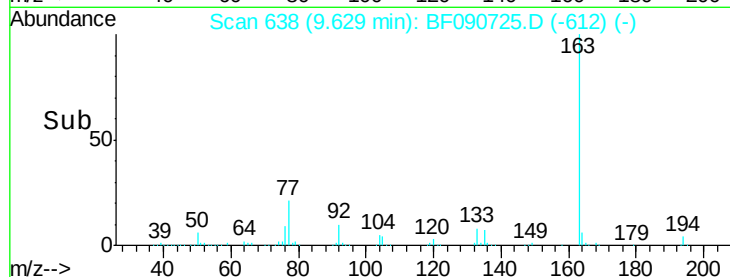
164 11.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.20 ng

RT: 9.69 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

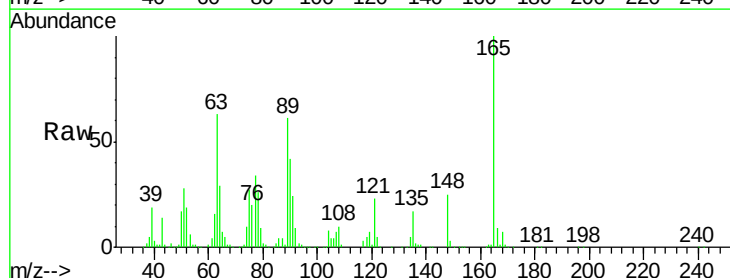
Tgt Ion:165 Resp: 307334

Ion Ratio Lower Upper

165 100

63 62.6 32.3 48.5#

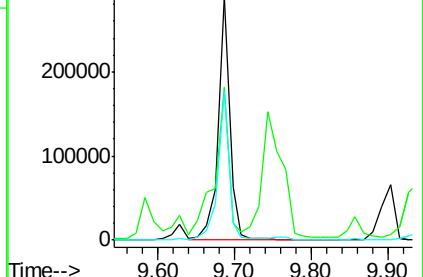
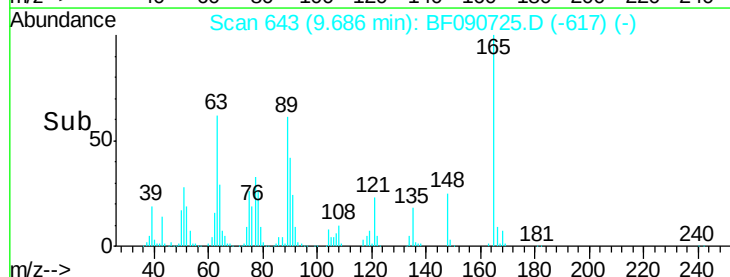
89 61.3 28.6 43.0#

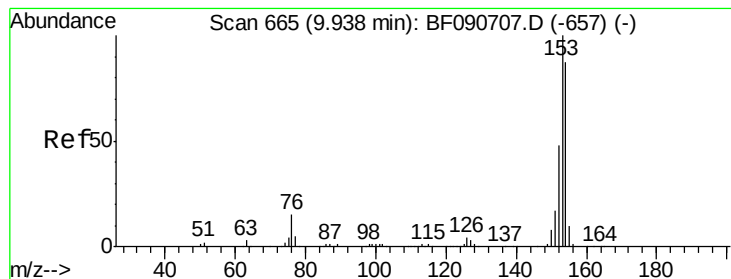


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.23 ng

RT: 9.94 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

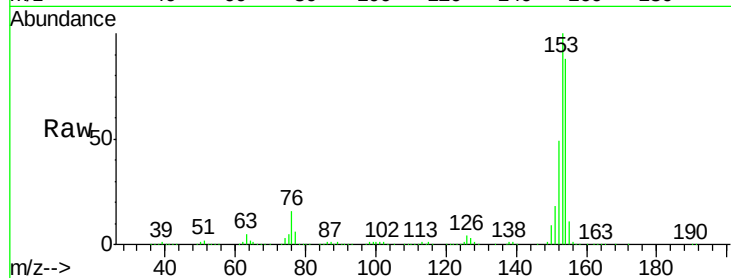
Tgt Ion:154 Resp: 1345904

Ion Ratio Lower Upper

154 100

153 113.8 82.1 123.1

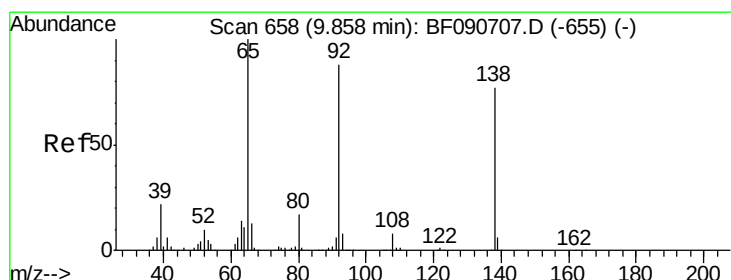
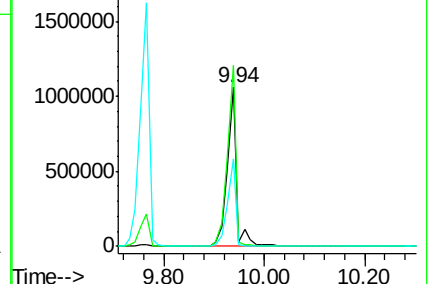
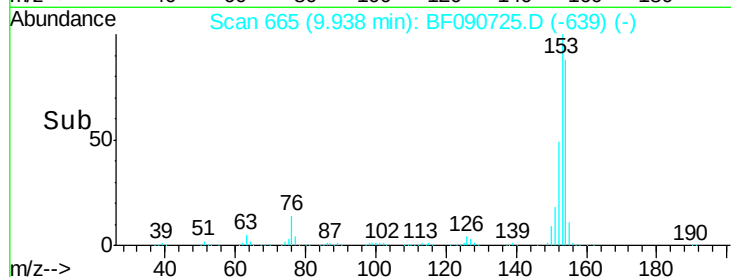
152 55.4 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.39 ng

RT: 9.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

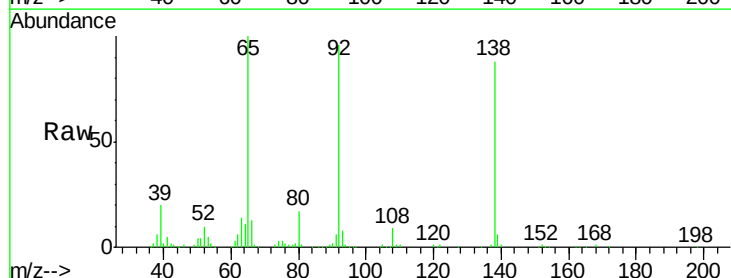
Tgt Ion:138 Resp: 228293

Ion Ratio Lower Upper

138 100

108 9.8 5.7 8.5#

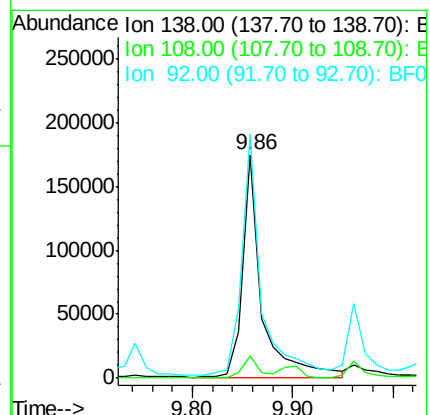
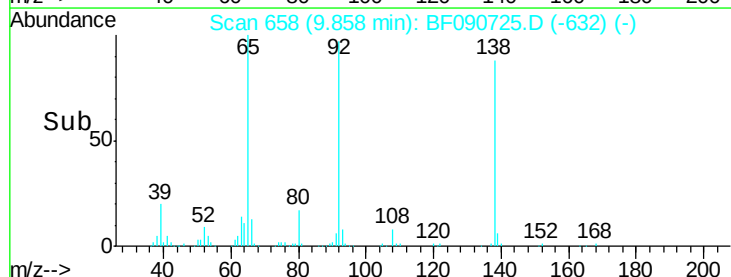
92 109.1 67.7 101.5#

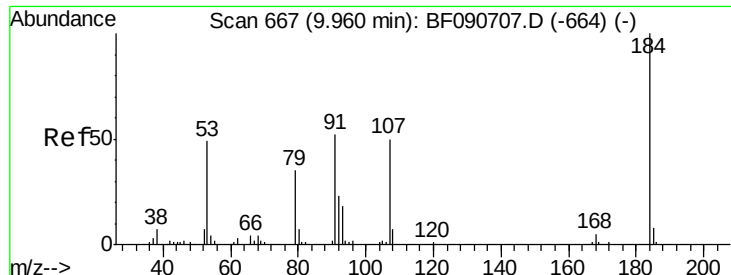


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

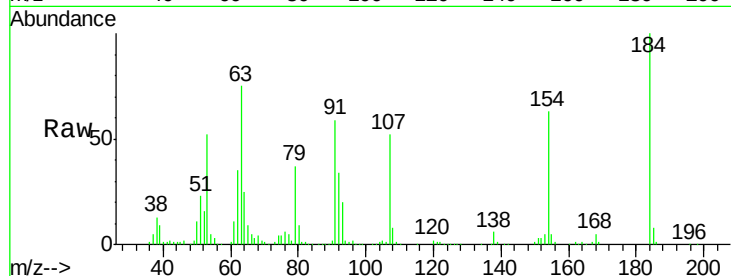




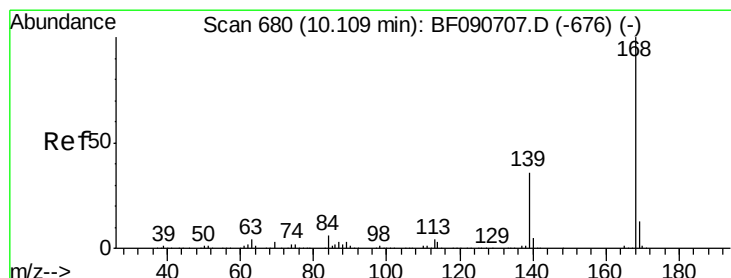
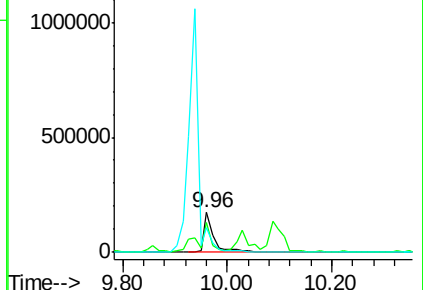
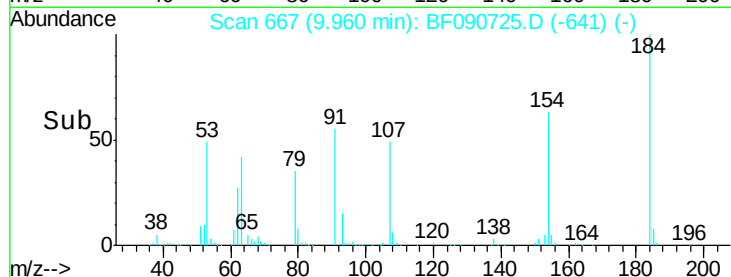
#53
2,4-Dinitrophenol
Concen: 56.73 ng
RT: 9.96 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

Tgt Ion:184 Resp: 234459
Ion Ratio Lower Upper
184 100
63 74.8 35.4 53.2#
154 63.2 32.2 48.4#

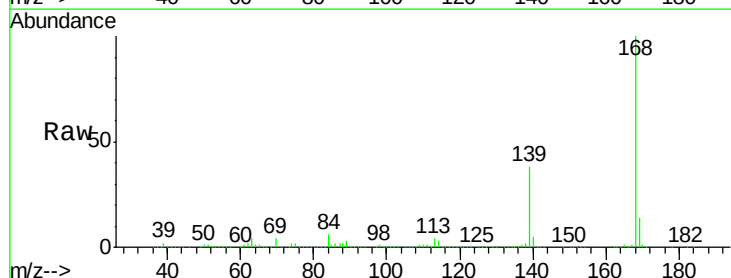


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

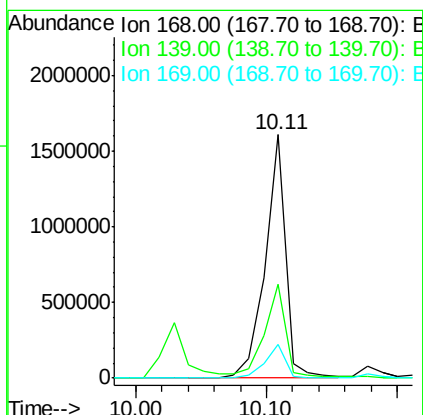
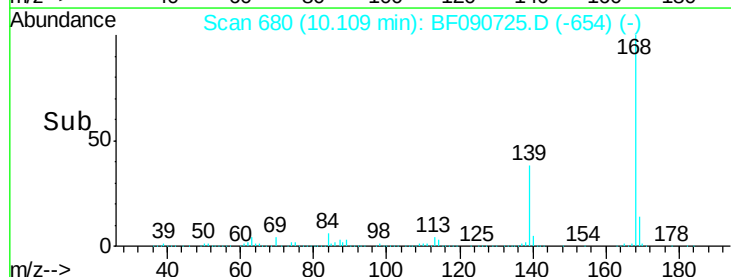


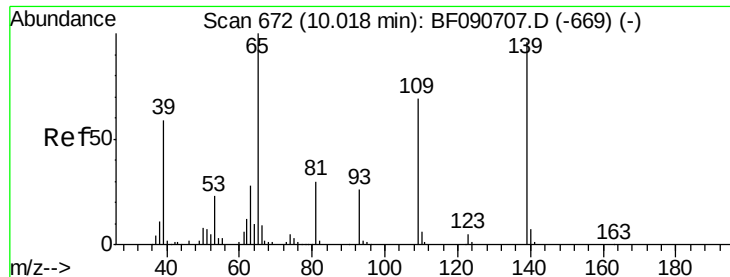
#54
Dibenzofuran
Concen: 39.23 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion:168 Resp: 1765482
Ion Ratio Lower Upper
168 100
139 38.4 24.2 36.2#
169 13.9 10.6 15.8



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

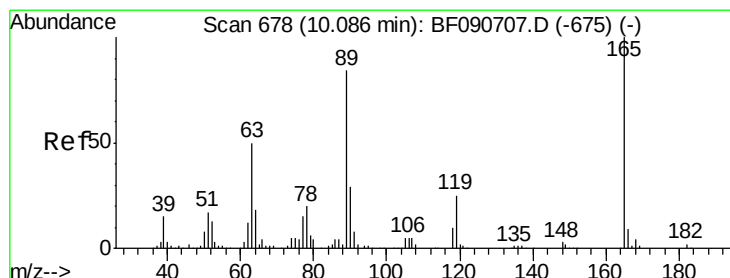
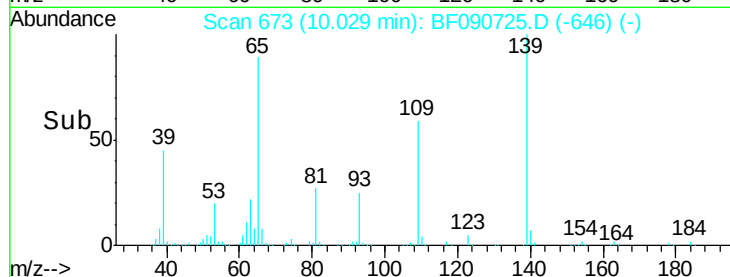
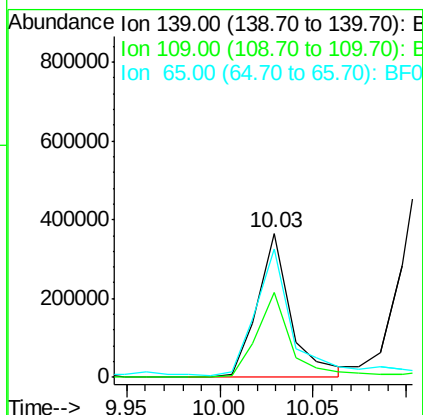
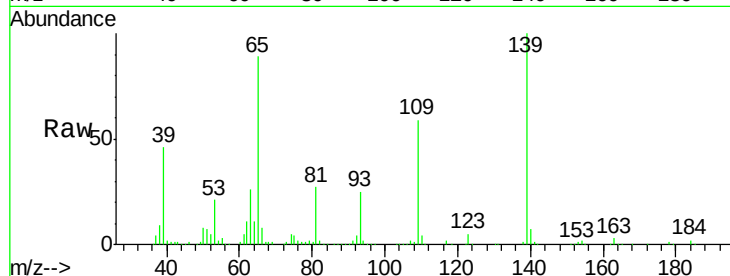




#55
4-Nitrophenol
Concen: 76.05 ng
RT: 10.03 min Scan# 673
Delta R.T. 0.01 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

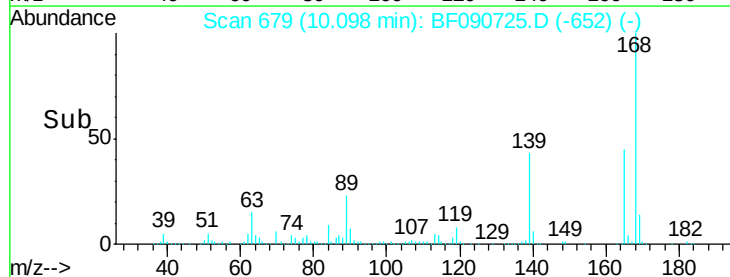
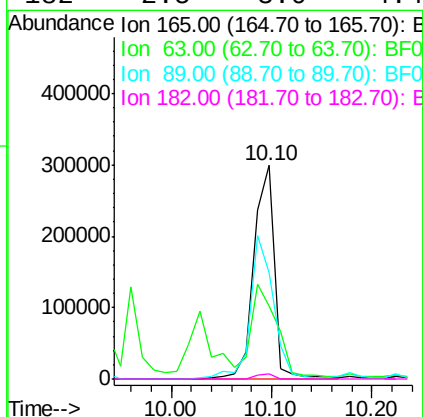
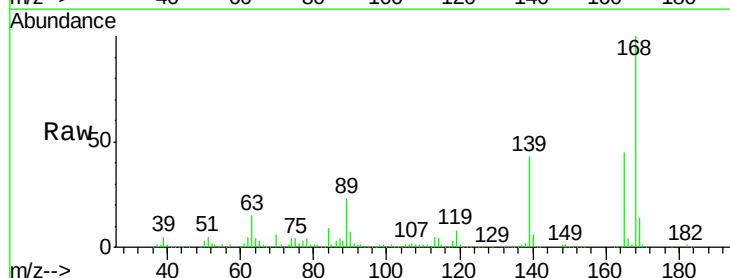
Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

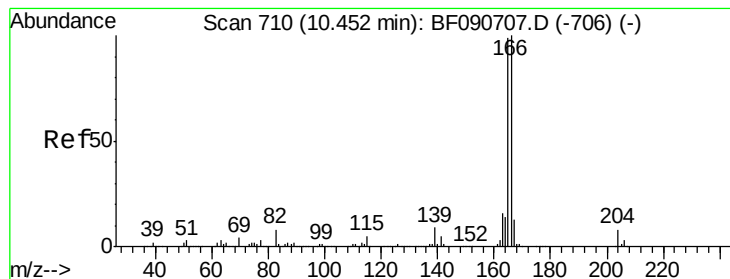
Tgt Ion:139 Resp: 454044
Ion Ratio Lower Upper
139 100
109 58.8 12.7 52.7#
65 89.2 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 40.93 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion:165 Resp: 424699
Ion Ratio Lower Upper
165 100
63 34.1 29.8 44.6
89 50.1 44.5 66.7
182 2.5 3.0 4.4#





#57

Fluorene

Concen: 36.75 ng

RT: 10.45 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

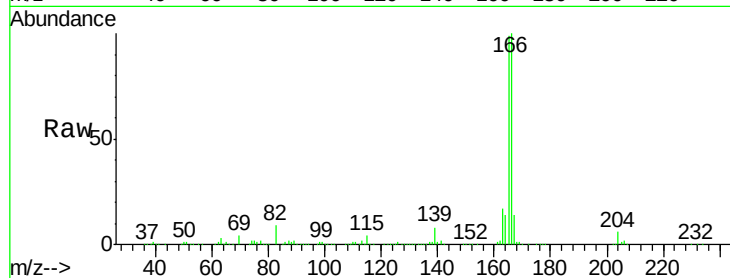
Tgt Ion:166 Resp: 1370420

Ion Ratio Lower Upper

166 100

165 99.2 72.6 109.0

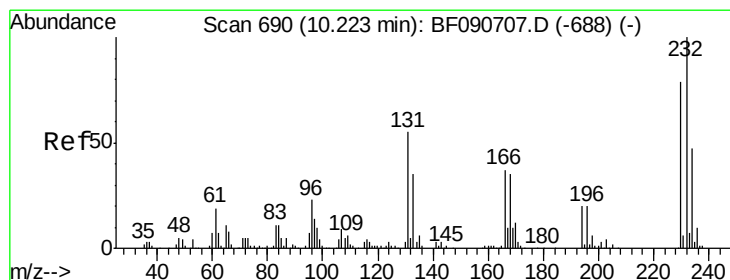
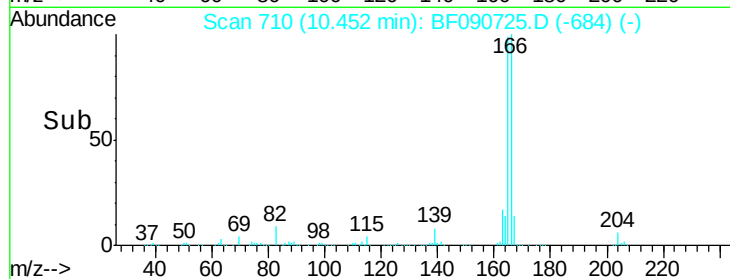
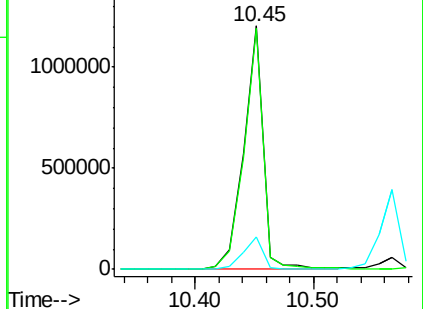
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.87 ng

RT: 10.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tgt Ion:232 Resp: 350820

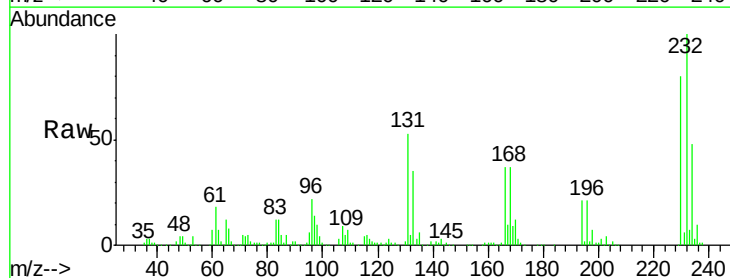
Ion Ratio Lower Upper

232 100

131 48.3 38.5 57.7

130 2.1 1.8 2.6

166 32.3 25.0 37.6

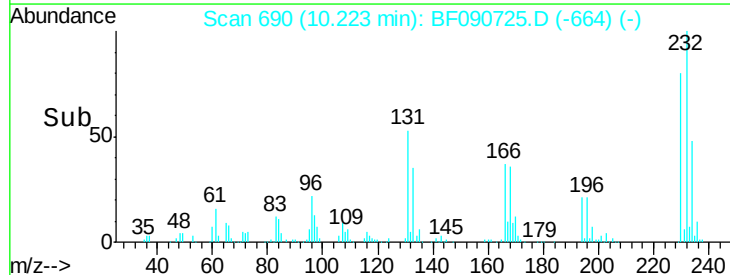
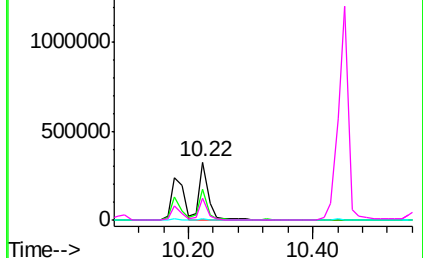


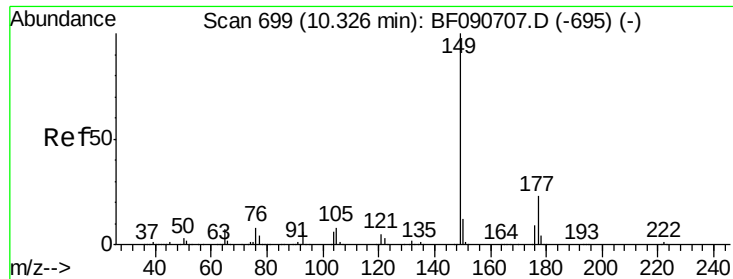
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

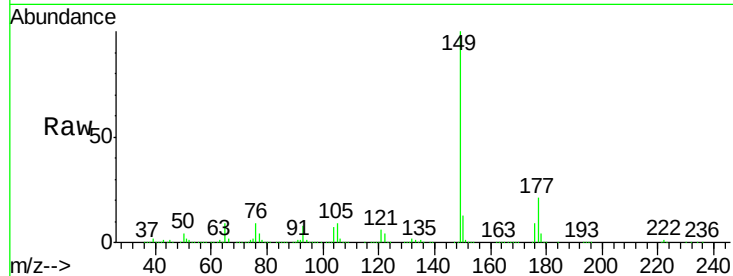




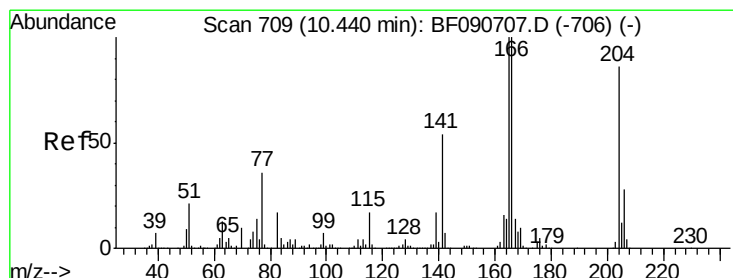
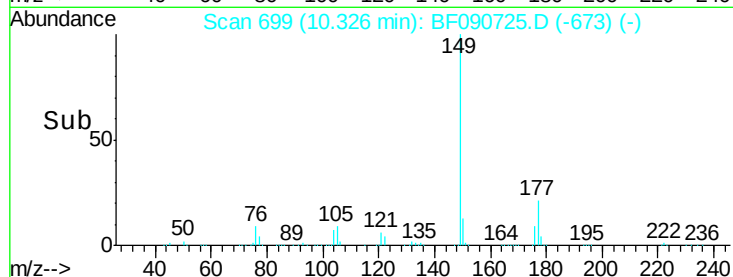
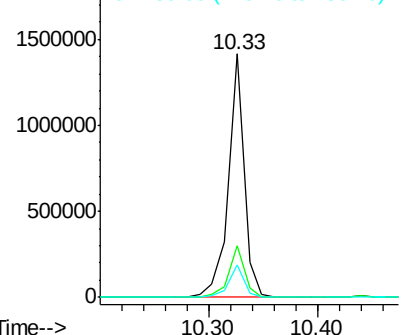
#59
Diethylphthalate
Concen: 34.58 ng
RT: 10.33 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

Tgt Ion:149 Resp: 1415814
Ion Ratio Lower Upper
149 100
177 21.4 17.5 26.3
150 13.1 9.4 14.2

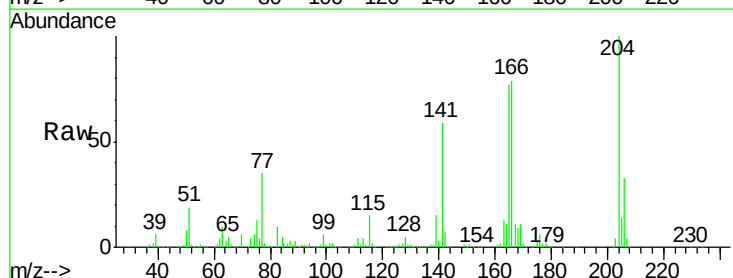


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

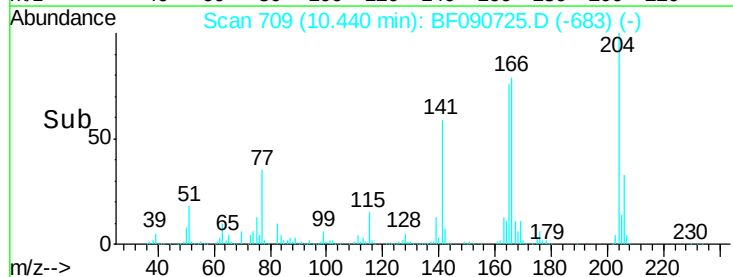
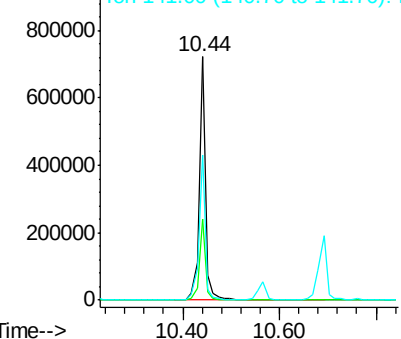


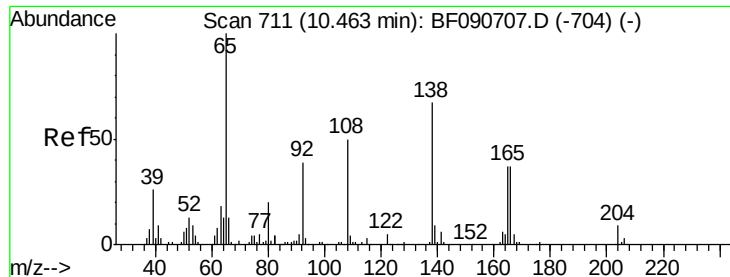
#60
4-Chlorophenyl-phenylether
Concen: 39.29 ng
RT: 10.44 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion:204 Resp: 669620
Ion Ratio Lower Upper
204 100
206 33.3 24.8 37.2
141 59.3 42.2 63.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.49 ng

RT: 10.47 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

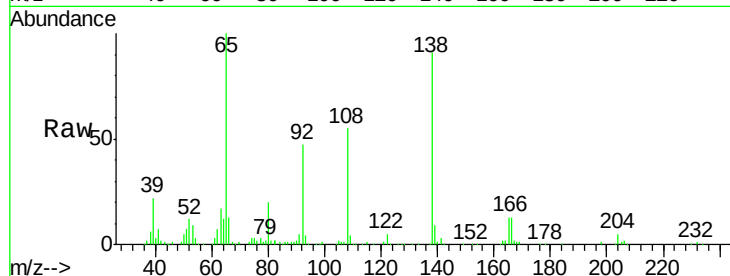
Tgt Ion:138 Resp: 321157

Ion Ratio Lower Upper

138 100

92 51.7 12.6 52.6

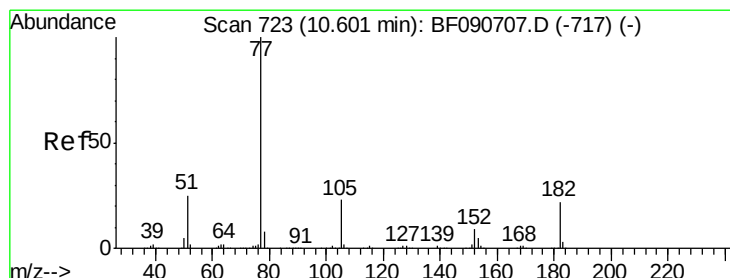
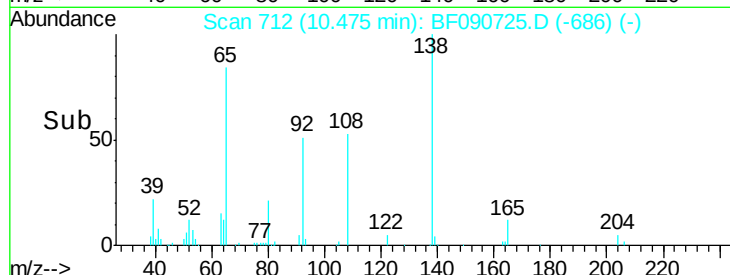
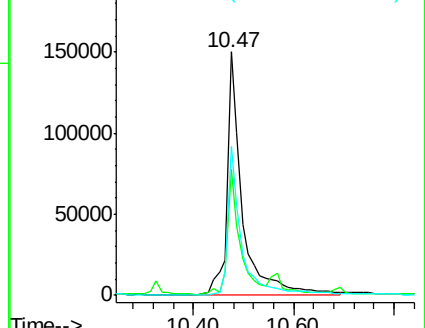
108 61.0 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 30.32 ng

RT: 10.60 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tgt Ion: 77 Resp: 1453828

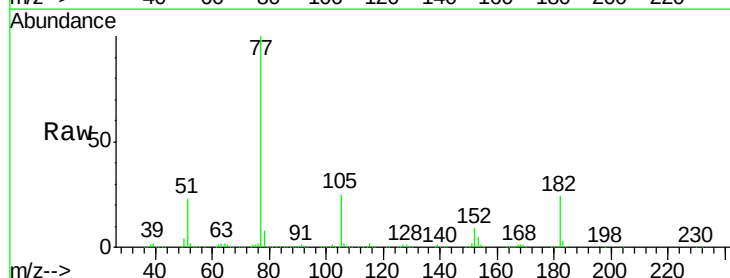
Ion Ratio Lower Upper

77 100

182 24.0 15.1 55.1

105 25.5 3.4 43.4

51 23.2 12.0 52.0

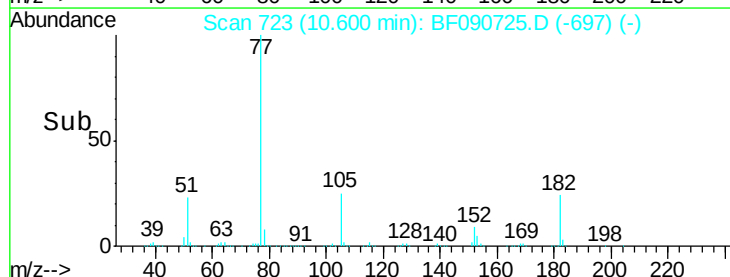
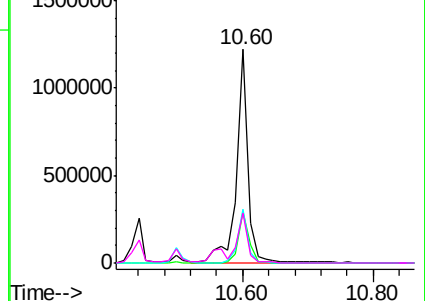


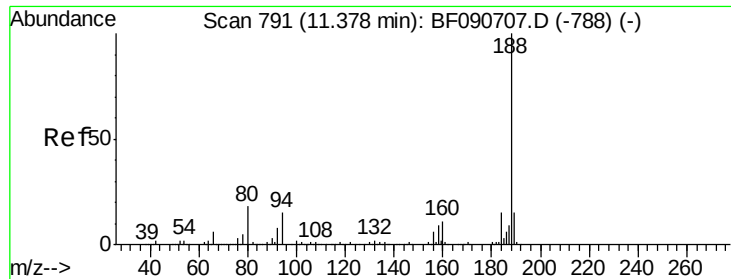
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

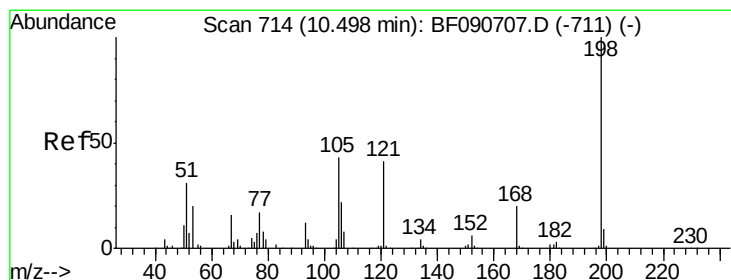
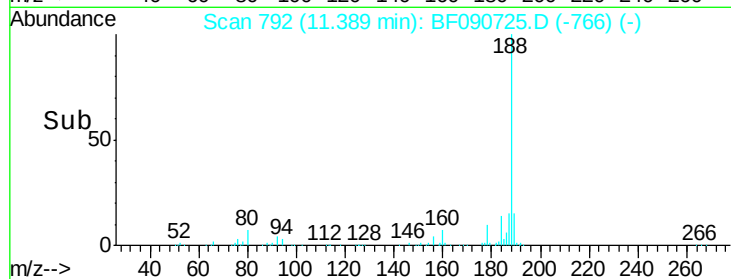
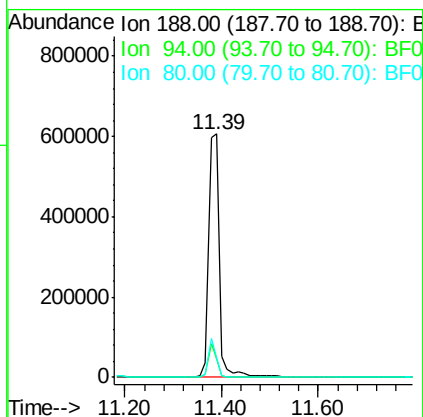
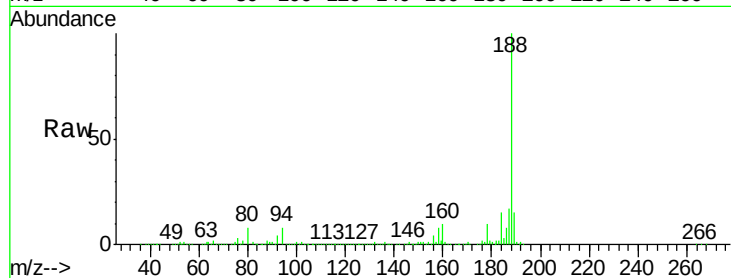




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

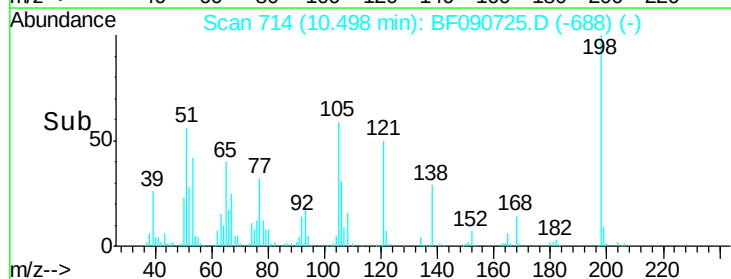
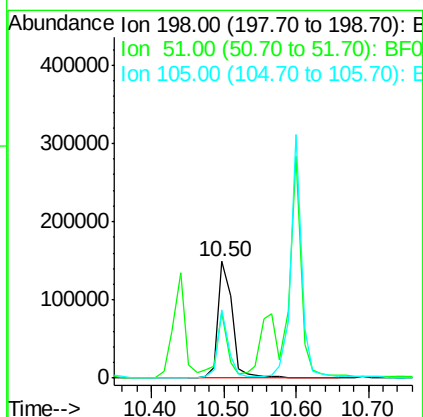
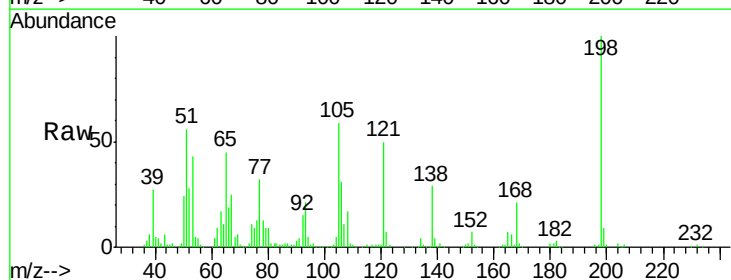
Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

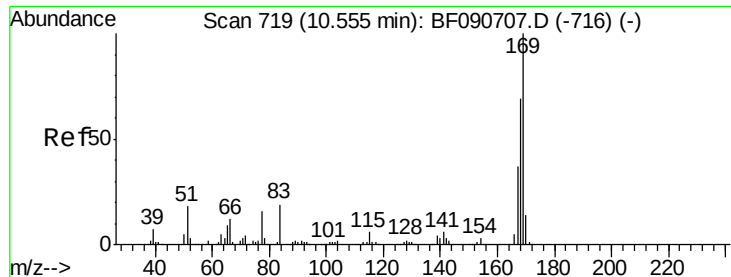
Tgt Ion:188 Resp: 951901
Ion Ratio Lower Upper
188 100
94 7.8 11.1 16.7#
80 8.0 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 35.38 ng
RT: 10.50 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion:198 Resp: 207690
Ion Ratio Lower Upper
198 100
51 56.3 39.6 79.6
105 58.9 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 39.23 ng

RT: 10.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

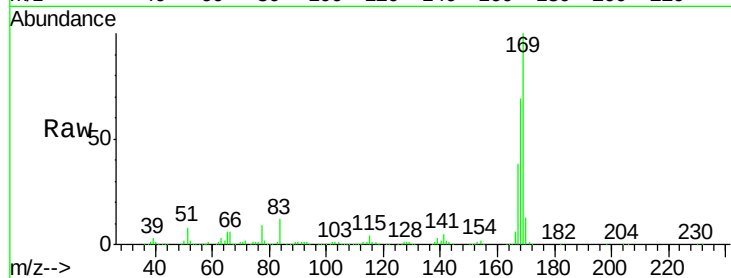
Tgt Ion:169 Resp: 1196274

Ion Ratio Lower Upper

169 100

168 68.5 48.9 73.3

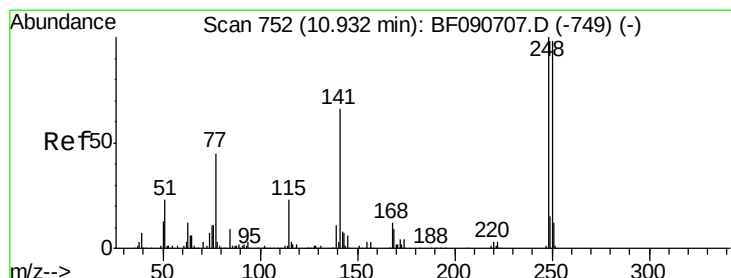
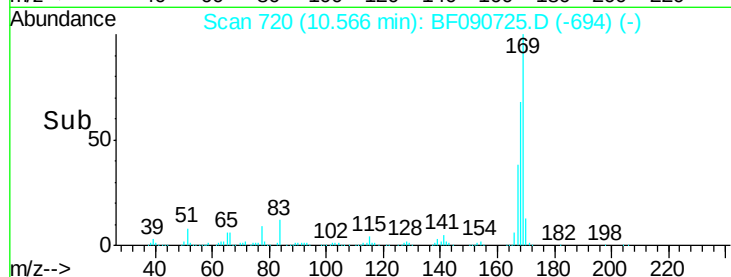
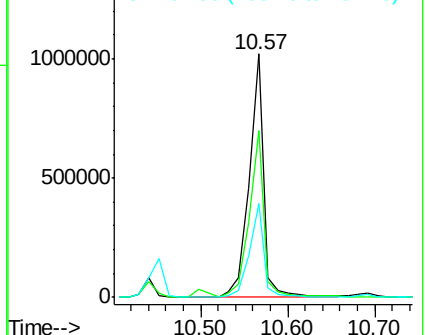
167 38.4 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.96 ng

RT: 10.93 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

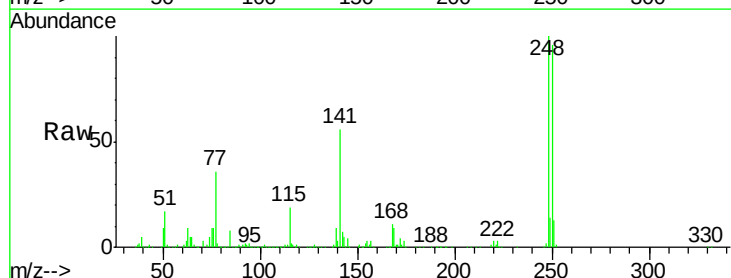
Tgt Ion:248 Resp: 424144

Ion Ratio Lower Upper

248 100

250 96.1 78.5 117.7

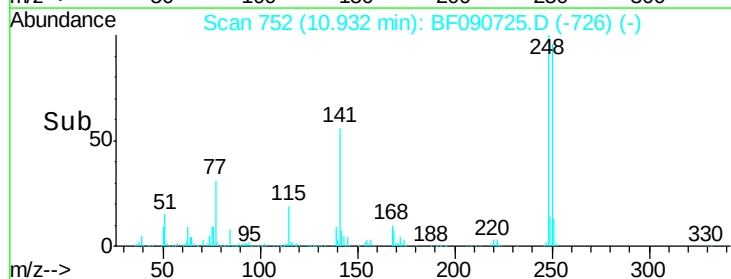
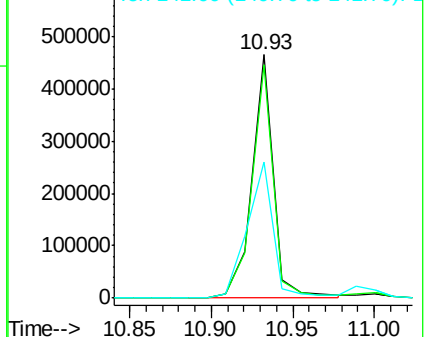
141 56.1 59.0 88.6#

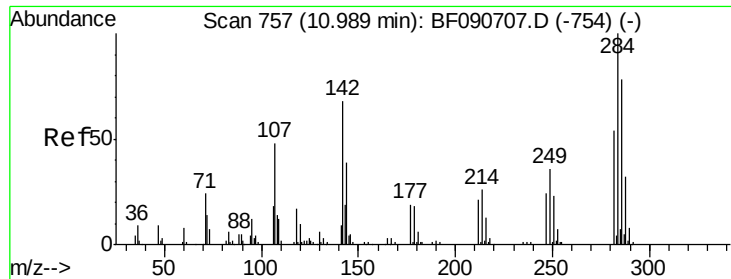


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.05 ng

RT: 11.00 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

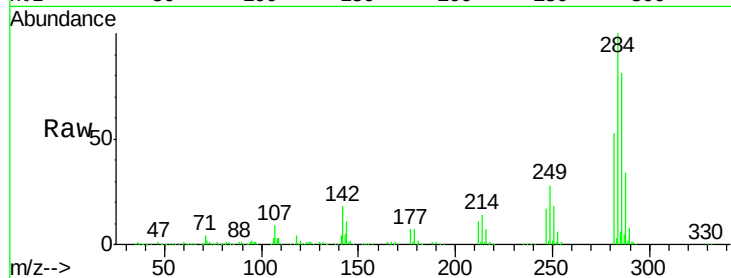
Tgt Ion:284 Resp: 468842

Ion Ratio Lower Upper

284 100

142 18.4 29.5 44.3#

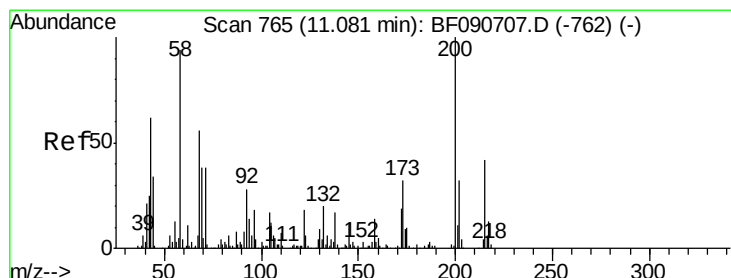
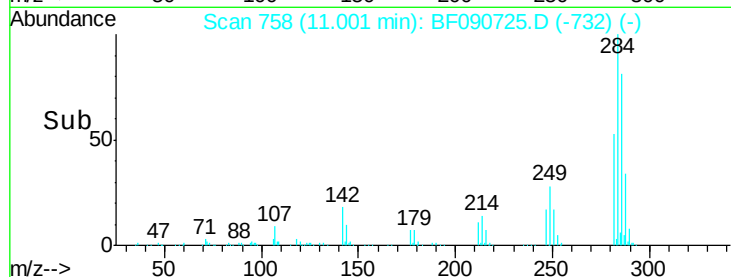
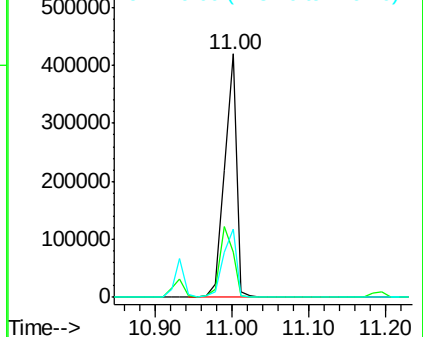
249 28.2 19.5 29.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.04 ng

RT: 11.09 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

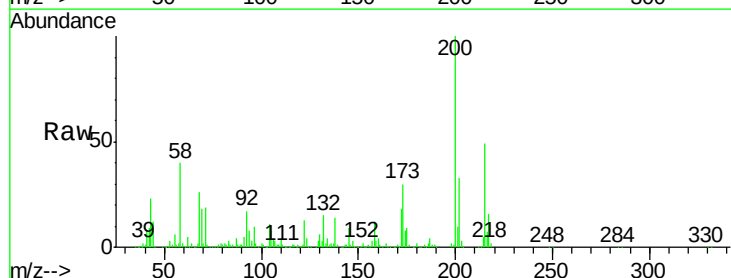
Tgt Ion:200 Resp: 362261

Ion Ratio Lower Upper

200 100

173 29.7 13.2 53.2

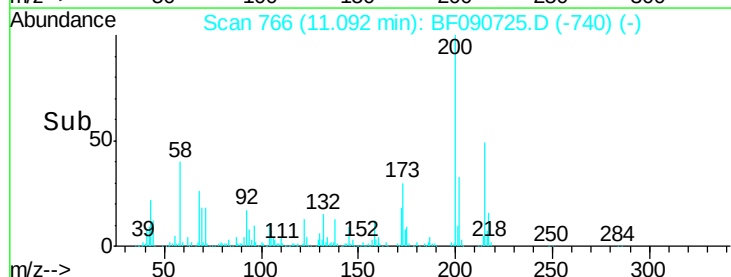
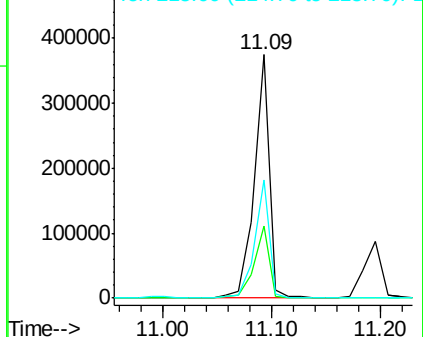
215 48.7 41.8 81.8

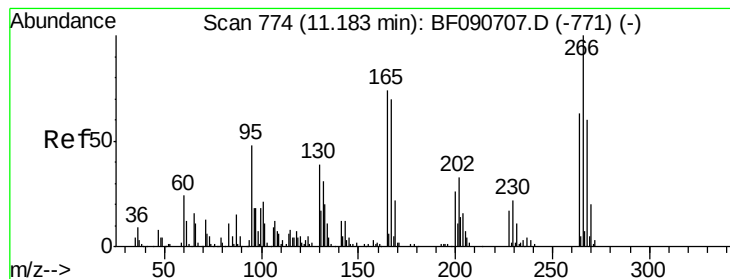


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 80.10 ng

RT: 11.19 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

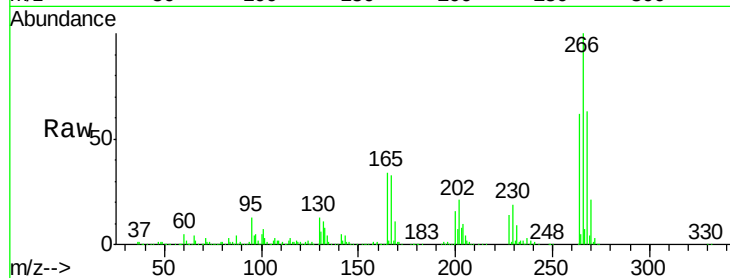
Tgt Ion:266 Resp: 550862

Ion Ratio Lower Upper

266 100

268 62.9 49.8 74.6

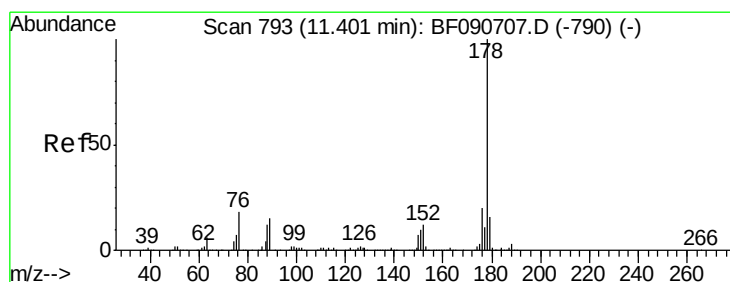
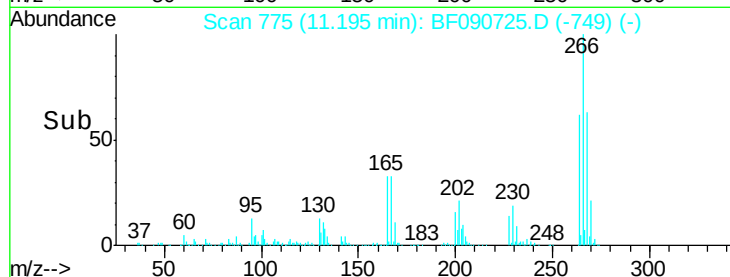
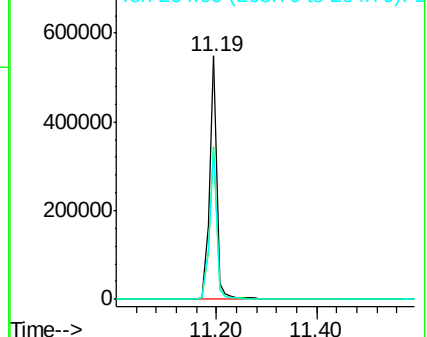
264 62.2 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.14 ng

RT: 11.41 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

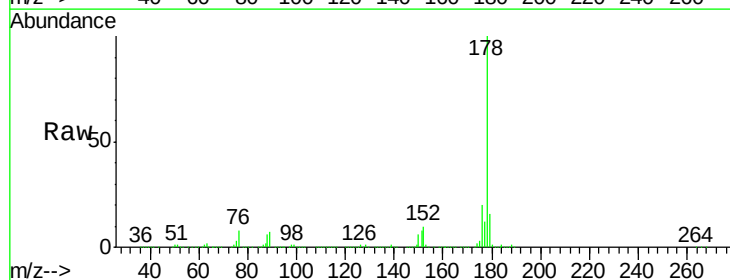
Tgt Ion:178 Resp: 1898976

Ion Ratio Lower Upper

178 100

176 20.3 13.8 20.8

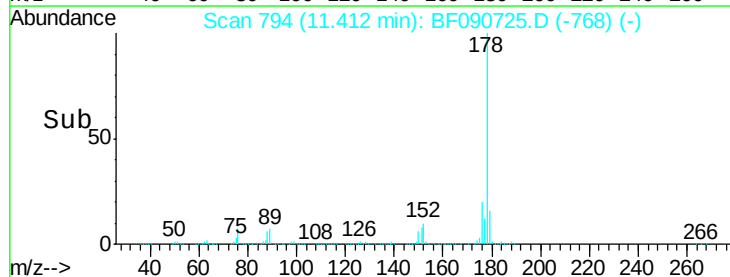
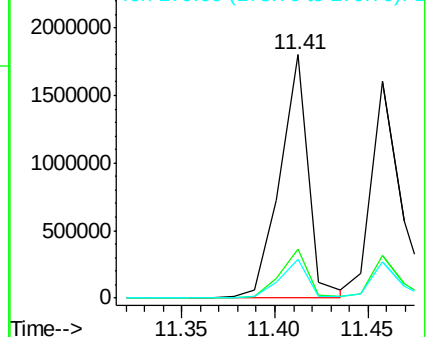
179 16.1 12.2 18.2

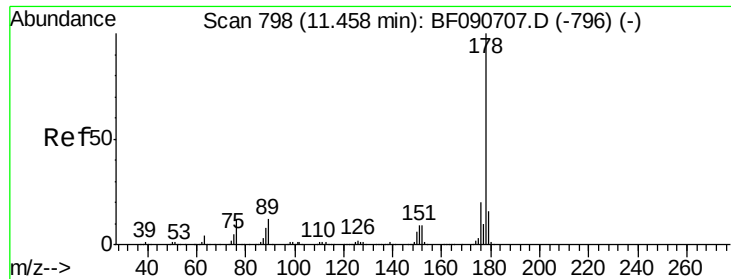


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 33.66 ng

RT: 11.46 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

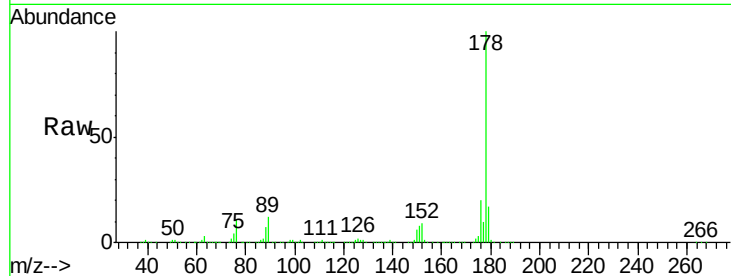
Tgt Ion:178 Resp: 1811246

Ion Ratio Lower Upper

178 100

176 19.8 14.1 21.1

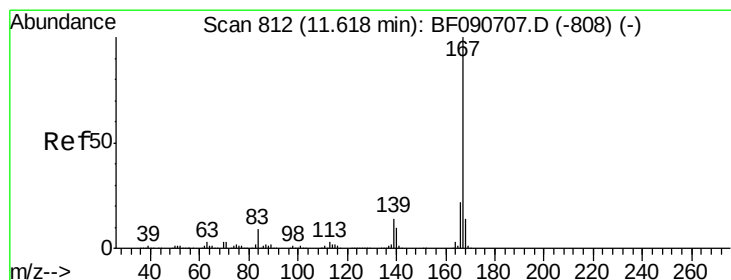
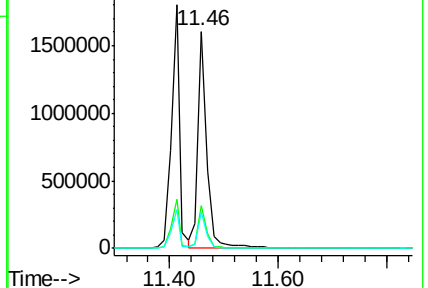
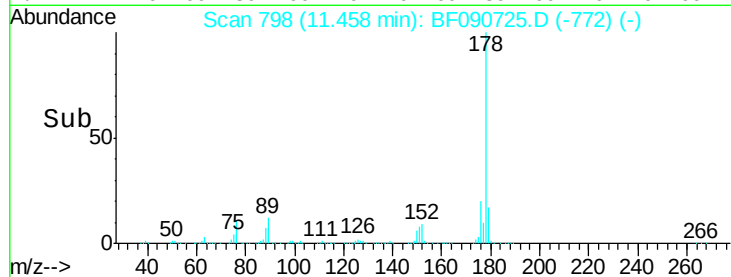
179 16.5 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.50 ng

RT: 11.62 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

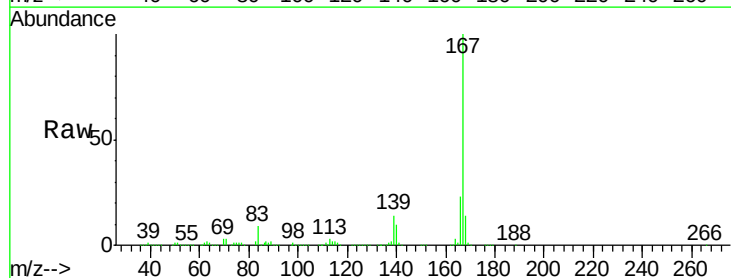
Tgt Ion:167 Resp: 1732032

Ion Ratio Lower Upper

167 100

166 23.0 15.7 23.5

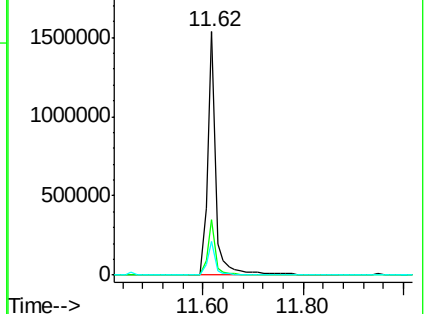
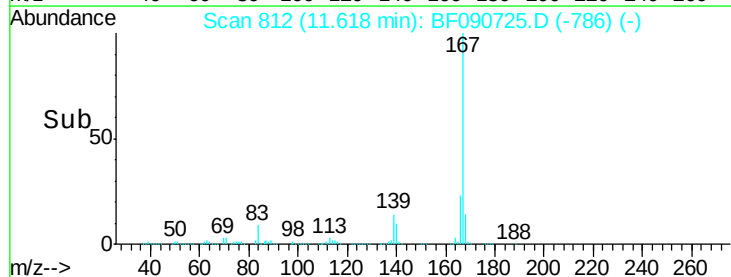
139 13.6 9.5 14.3

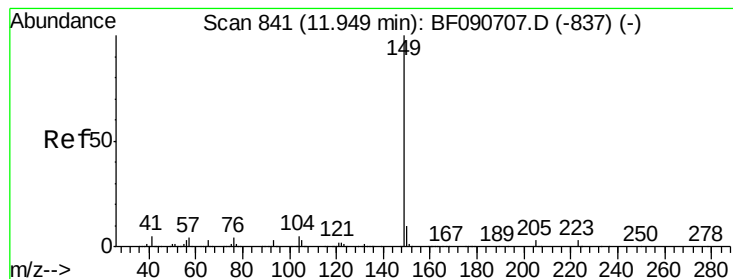


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.12 ng

RT: 11.95 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

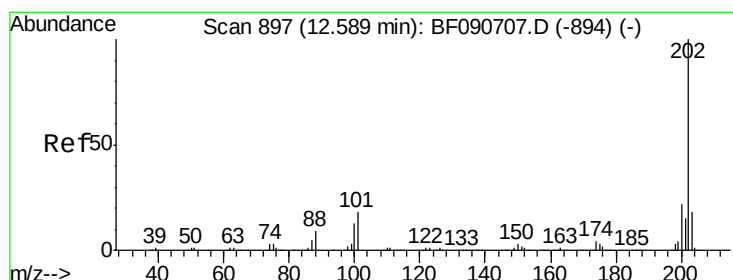
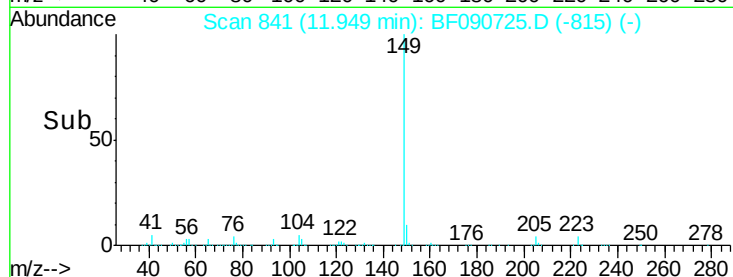
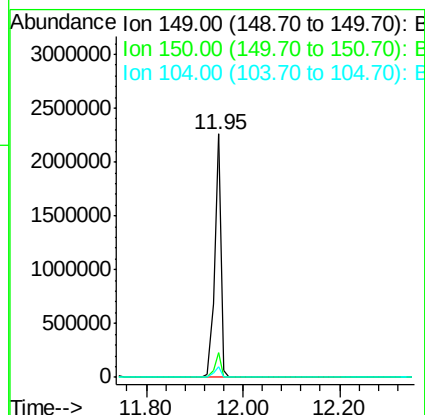
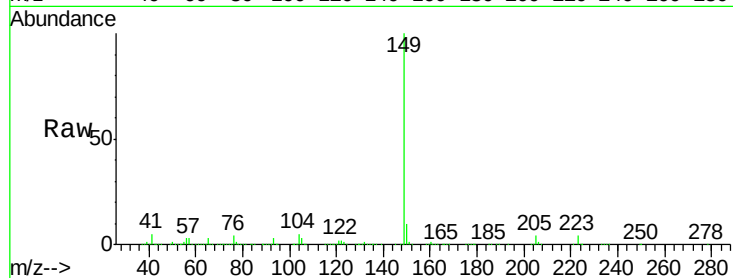
Tgt Ion:149 Resp: 2107831

Ion Ratio Lower Upper

149 100

150 10.0 7.4 11.2

104 4.6 2.4 3.6#



#74

Fluoranthene

Concen: 37.42 ng

RT: 12.59 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

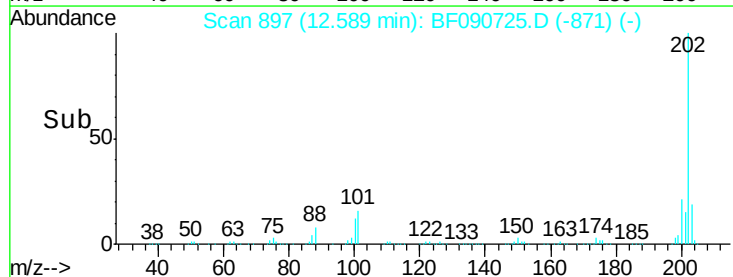
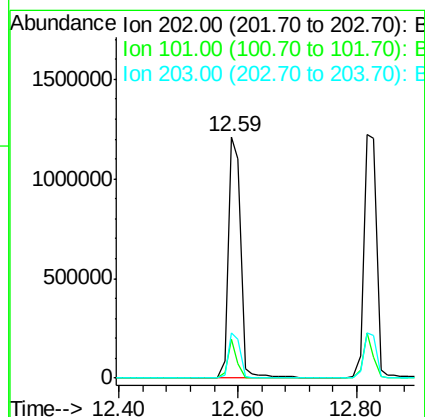
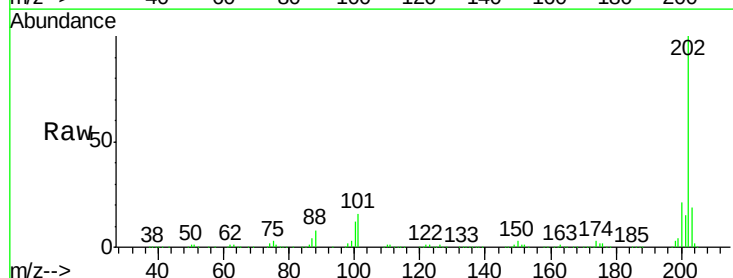
Tgt Ion:202 Resp: 1756569

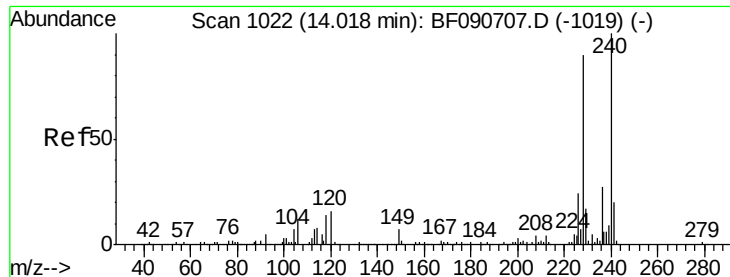
Ion Ratio Lower Upper

202 100

101 16.1 0.0 38.3

203 18.6 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

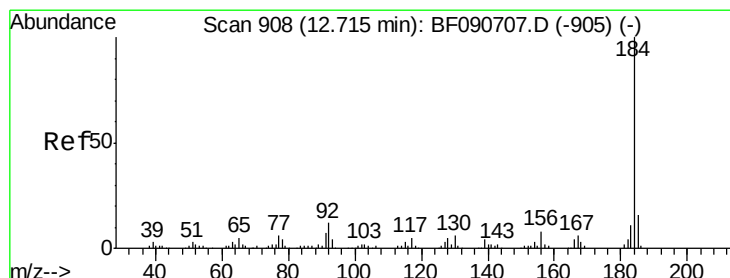
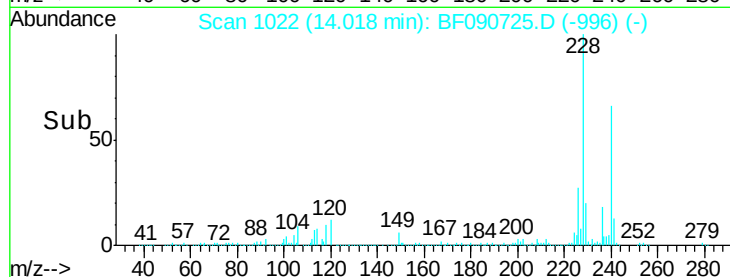
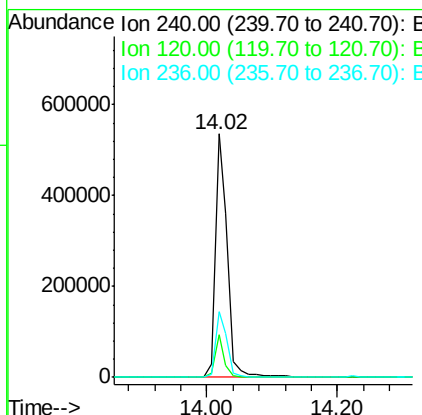
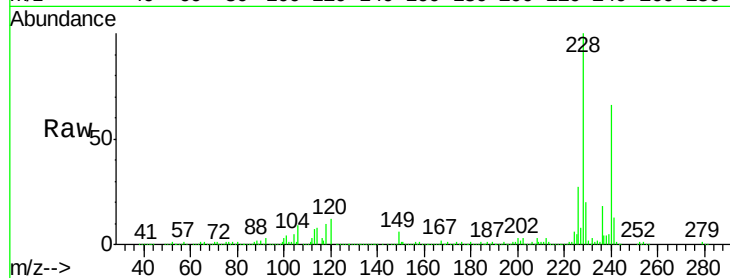
Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

Tgt Ion:	240	Resp:	696360
Ion	Ratio	Lower	Upper
240	100		
120	17.8	16.2	24.2
236	26.7	18.4	27.6



#76

Benzidine

Concen: 40.36 ng

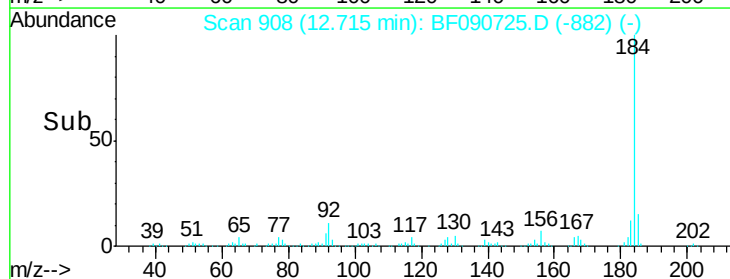
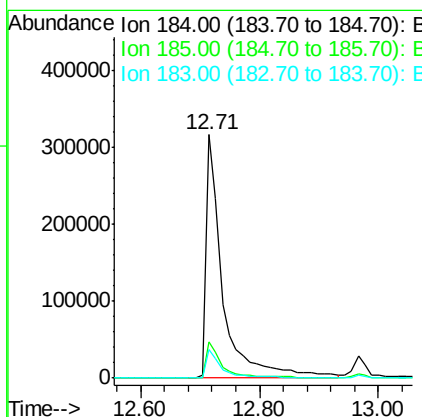
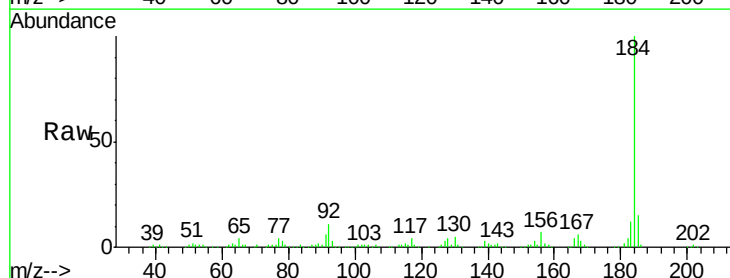
RT: 12.71 min Scan# 908

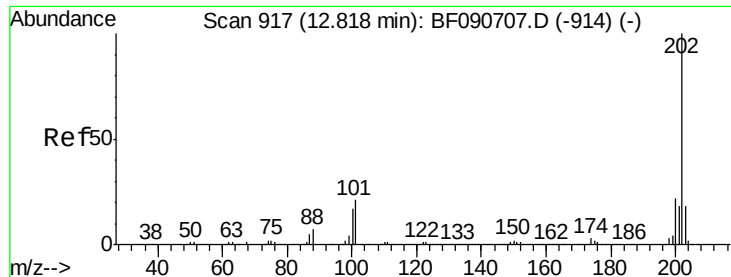
Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Tgt Ion:	184	Resp:	624103
Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.8	17.6
183	11.7	7.6	11.4#

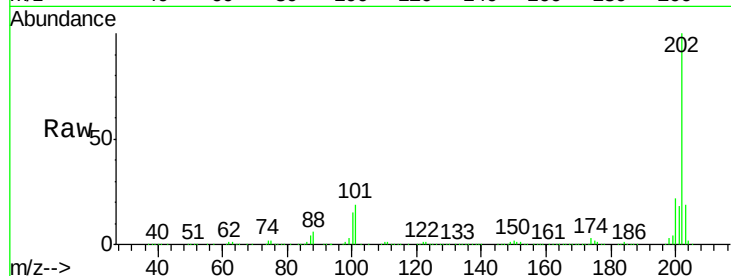




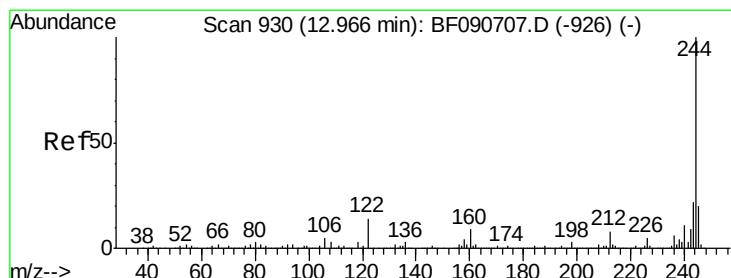
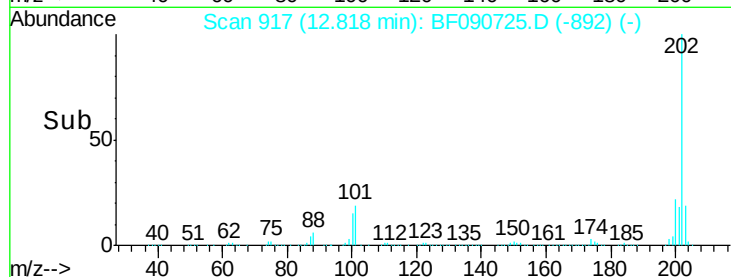
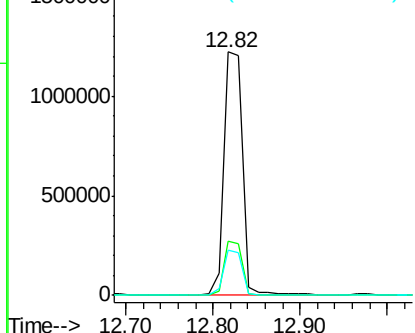
#77
 Pyrene
 Concen: 36.99 ng
 RT: 12.82 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

Tgt Ion:202 Resp: 1798840
 Ion Ratio Lower Upper
 202 100
 200 22.2 15.0 22.4
 203 18.7 14.1 21.1

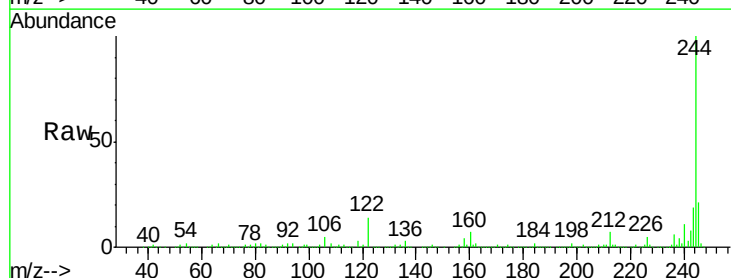


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

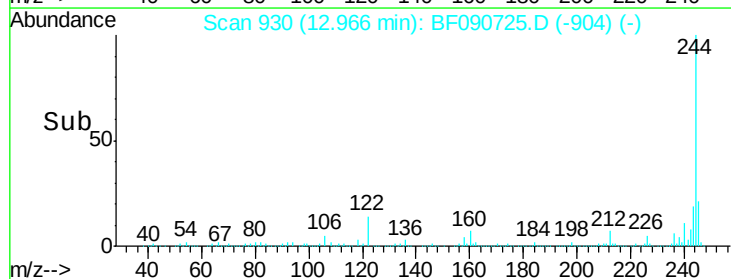
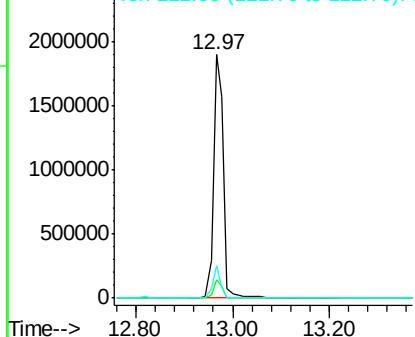


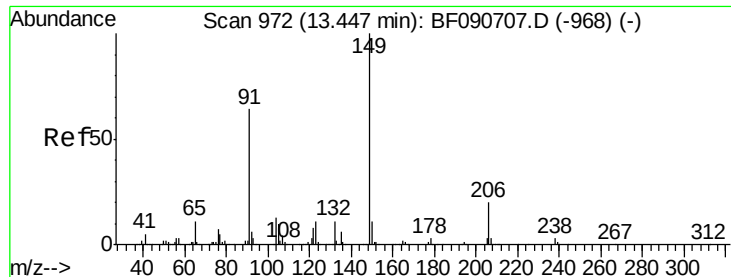
#78
 Terphenyl-d14
 Concen: 90.65 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Tgt Ion:244 Resp: 2754426
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.3 6.5#
 122 13.6 17.4 26.2#



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: 40.72 ng

RT: 13.45 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

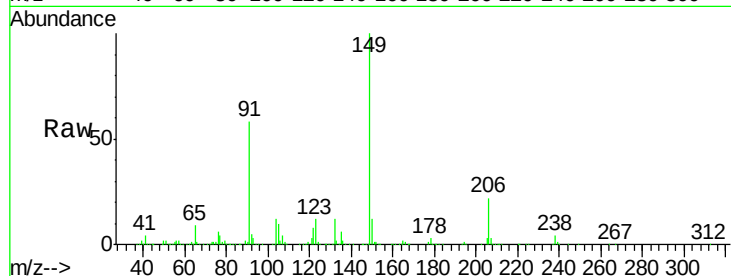
Tgt Ion:149 Resp: 910268

Ion Ratio Lower Upper

149 100

91 58.4 48.6 72.8

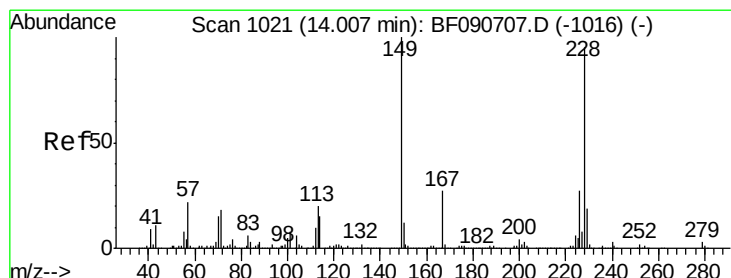
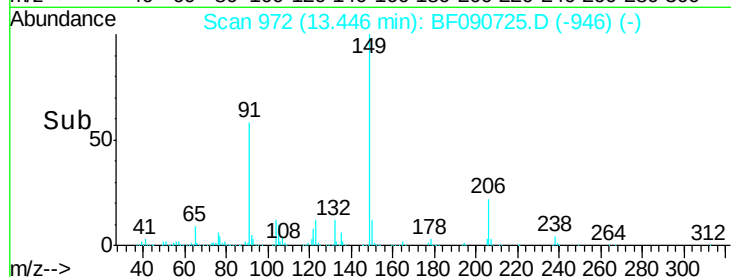
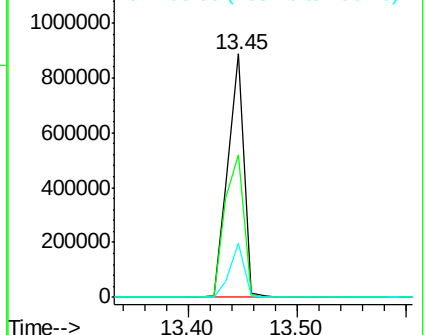
206 22.0 14.9 22.3



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: 37.41 ng

RT: 14.01 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

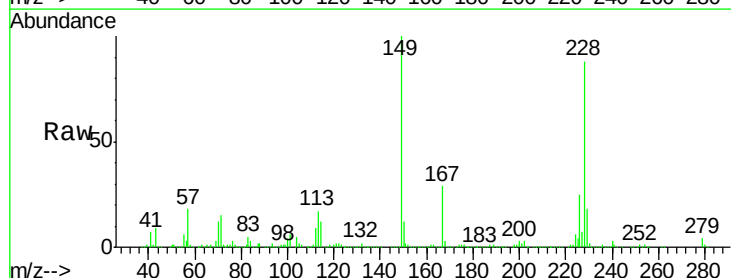
Tgt Ion:228 Resp: 1425521

Ion Ratio Lower Upper

228 100

226 28.1 20.0 30.0

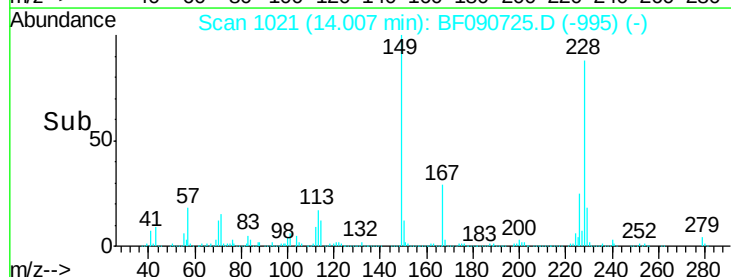
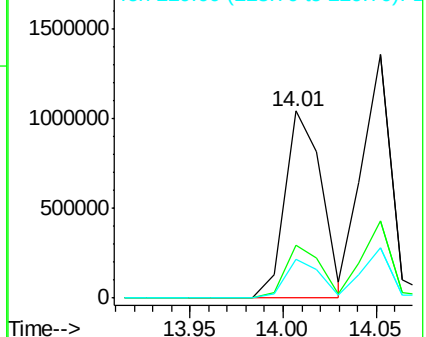
229 20.7 15.4 23.2

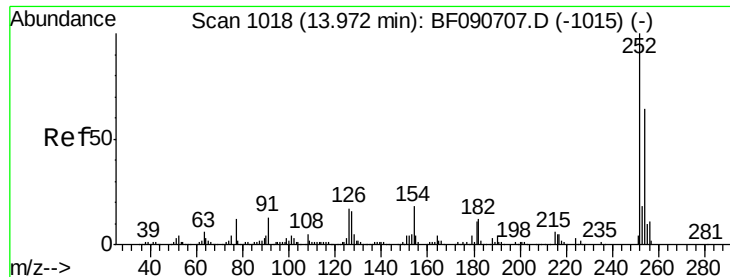


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

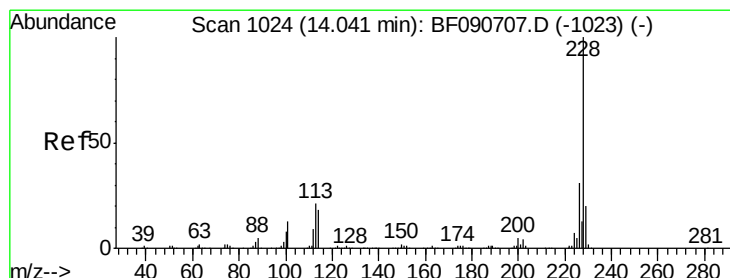
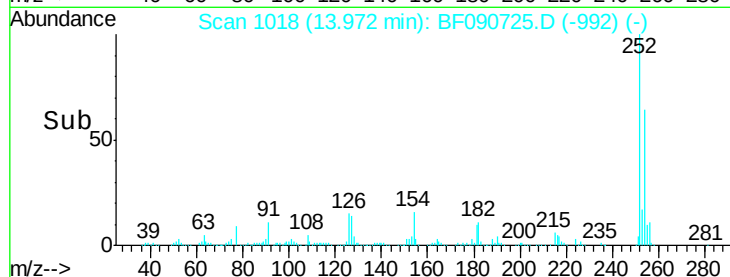
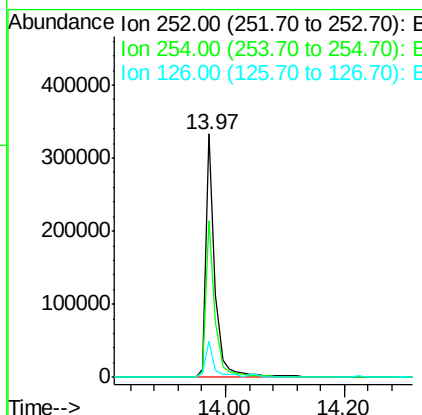
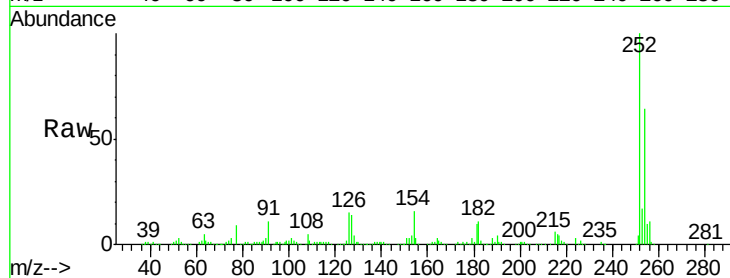




#81
 3,3'-Dichlorobenzidine
 Concen: 27.67 ng
 RT: 13.97 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

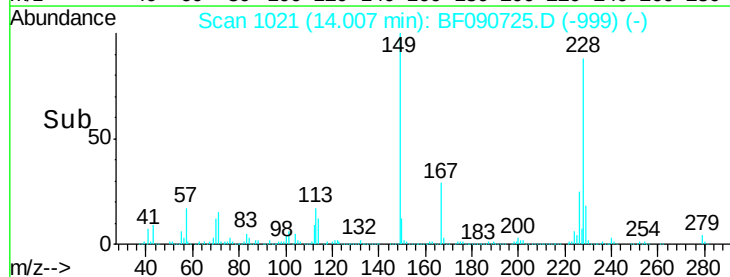
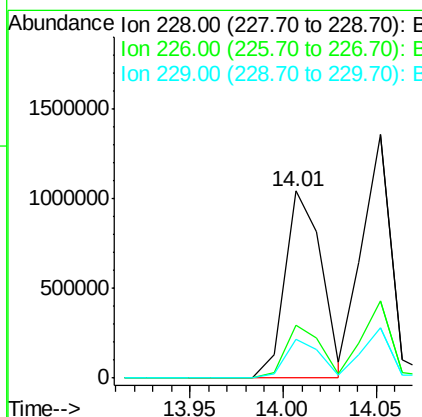
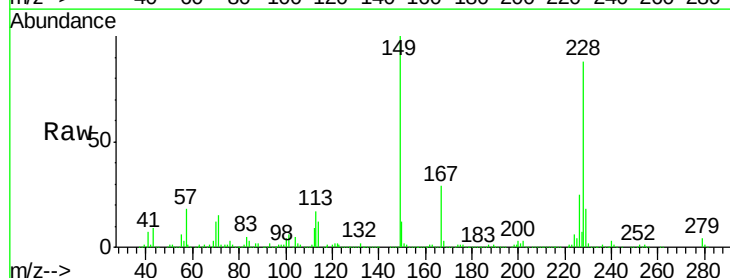
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

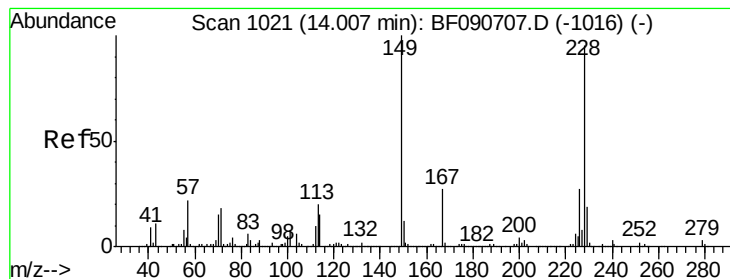
Tgt Ion:252 Resp: 365334
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.4 77.2
 126 14.9 16.4 24.6#



#82
 Chrysene
 Concen: 38.33 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. -0.05 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Tgt Ion:228 Resp: 1425521
 Ion Ratio Lower Upper
 228 100
 226 28.1 21.0 31.4
 229 20.7 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.92 ng

RT: 14.01 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

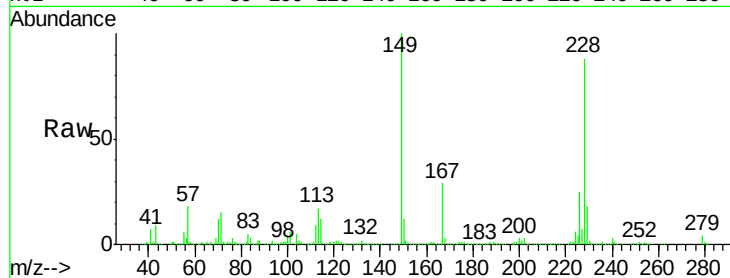
Tgt Ion:149 Resp: 1181015

Ion Ratio Lower Upper

149 100

167 29.0 24.2 36.2

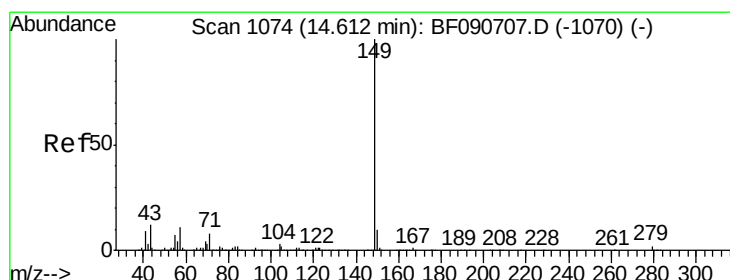
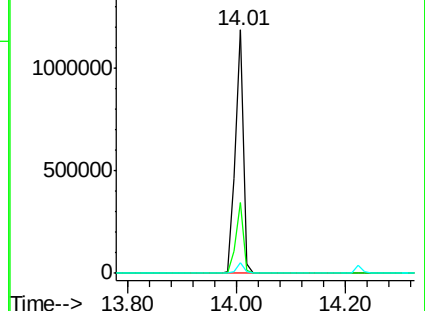
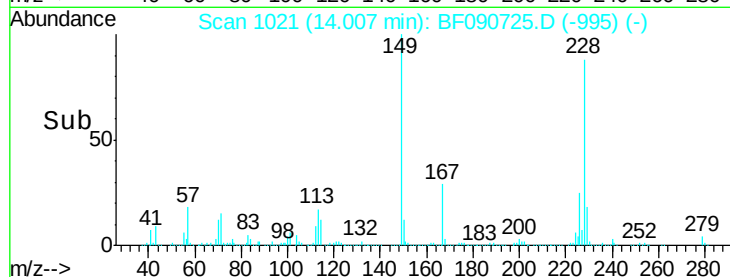
279 4.3 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.84 ng

RT: 14.61 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

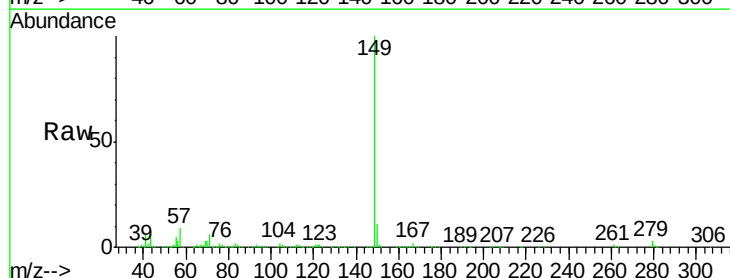
Tgt Ion:149 Resp: 1691084

Ion Ratio Lower Upper

149 100

167 1.6 1.0 1.6#

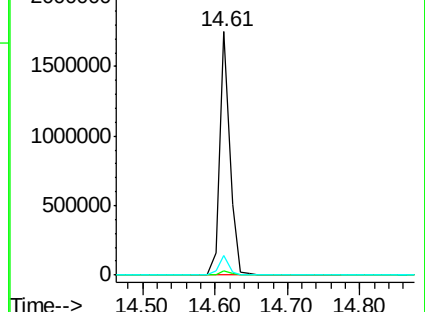
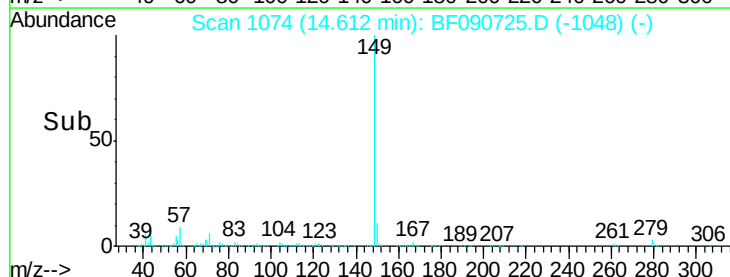
43 7.9 10.2 15.2#

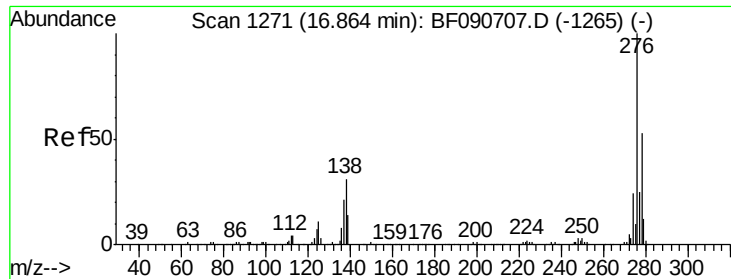


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.40 ng

RT: 16.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

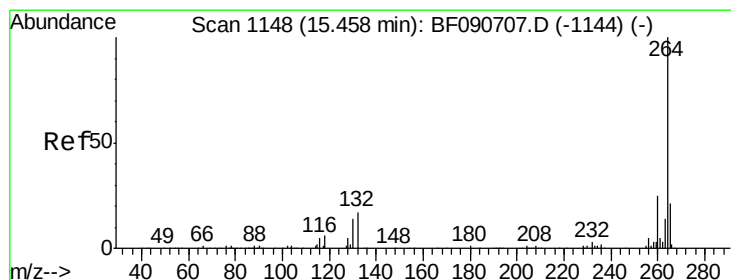
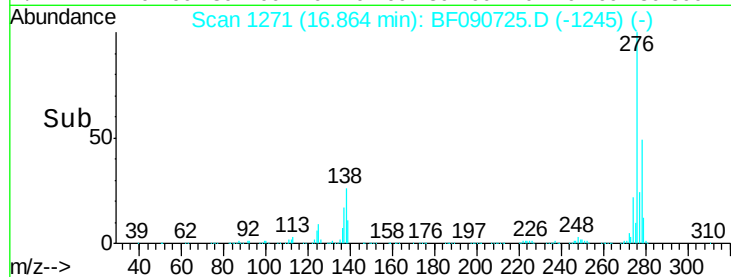
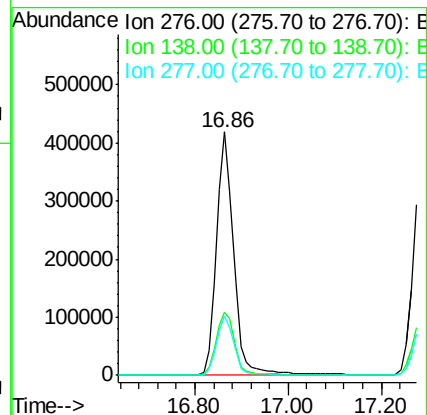
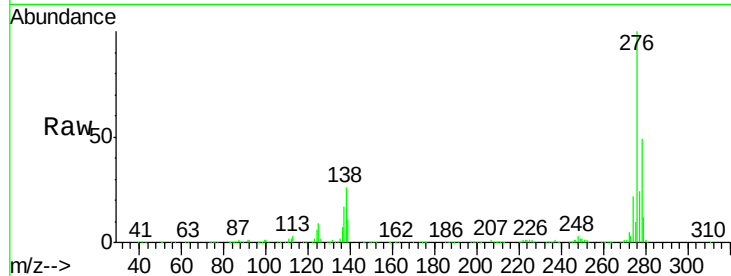
Tgt Ion:276 Resp: 1083603

Ion Ratio Lower Upper

276 100

138 28.4 25.7 38.5

277 25.1 15.6 23.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

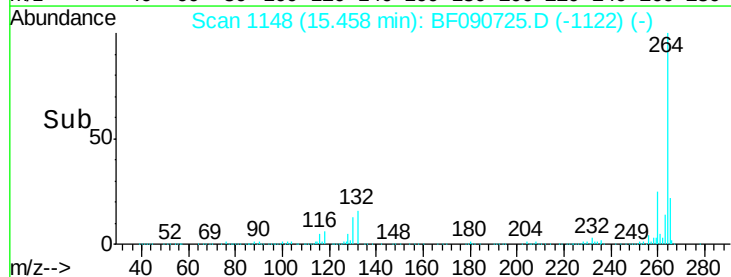
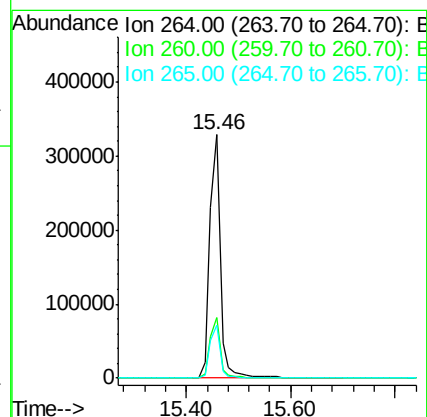
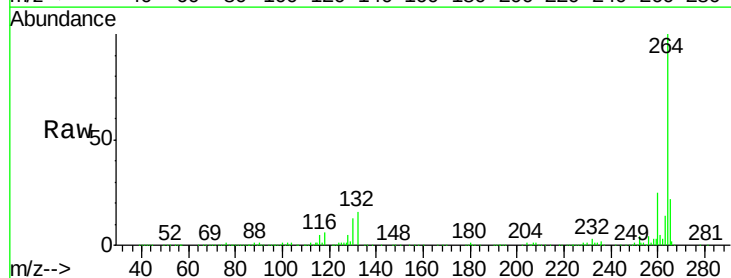
Tgt Ion:264 Resp: 465382

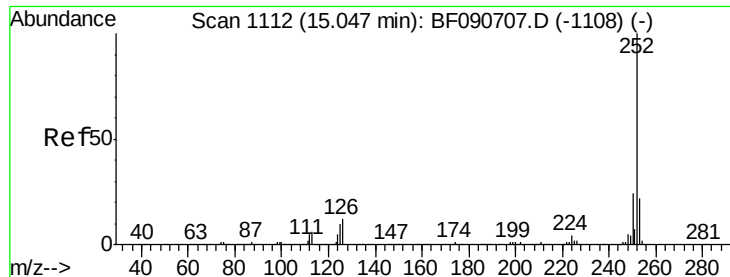
Ion Ratio Lower Upper

264 100

260 25.1 16.7 25.1#

265 21.7 17.2 25.8

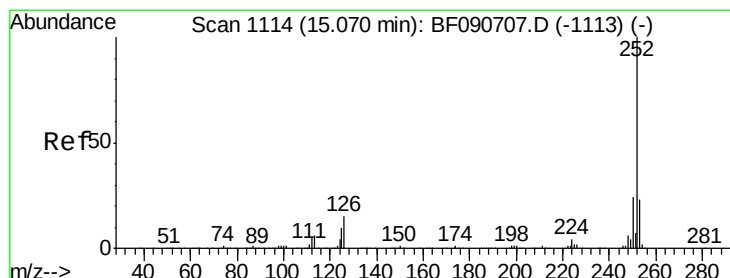
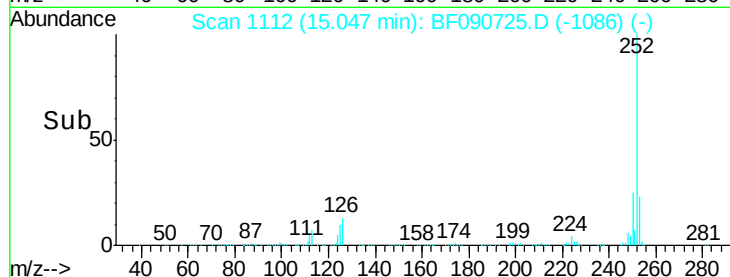
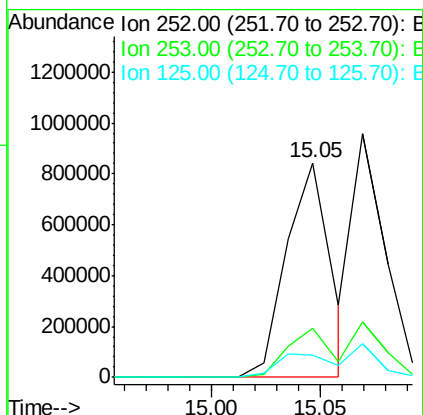
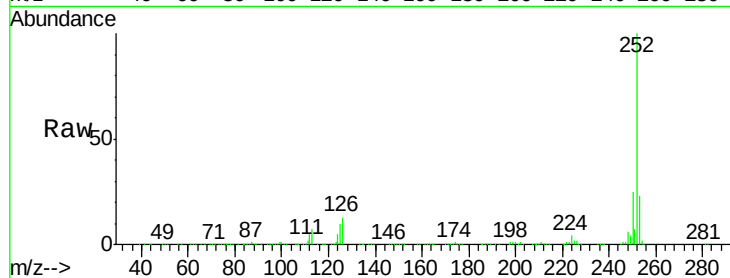




#87
Benzo(b)fluoranthene
Concen: 41.45 ng
RT: 15.05 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

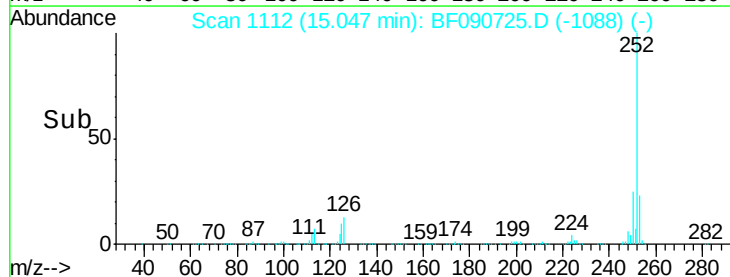
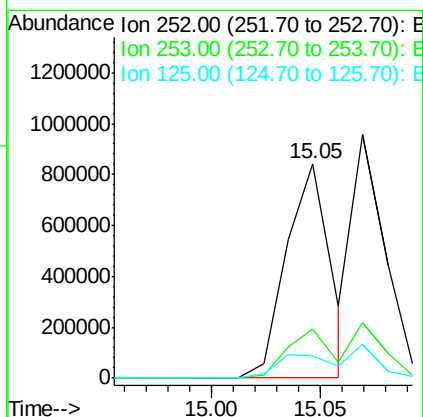
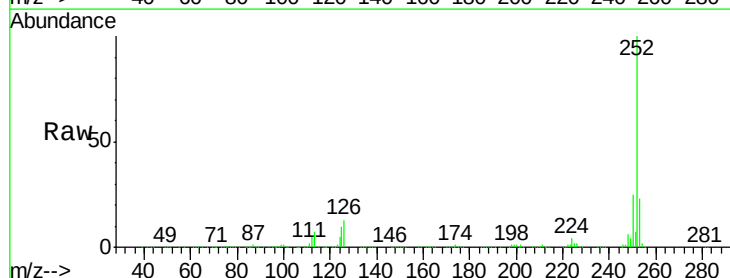
Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MSD

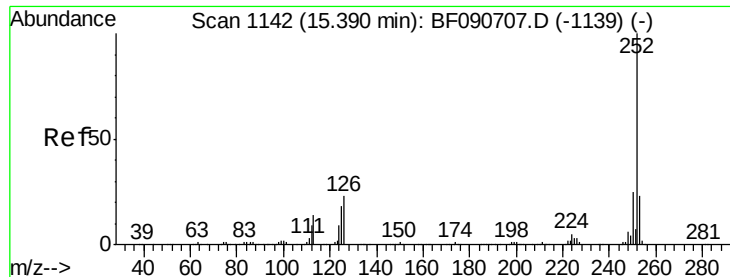
Tgt Ion:252 Resp: 1186021
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 10.2 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 41.24 ng
RT: 15.05 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF090725.D
Acq: 21 Oct 2016 22:15

Tgt Ion:252 Resp: 1186021
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.4
125 10.2 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 36.87 ng

RT: 15.40 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MSD

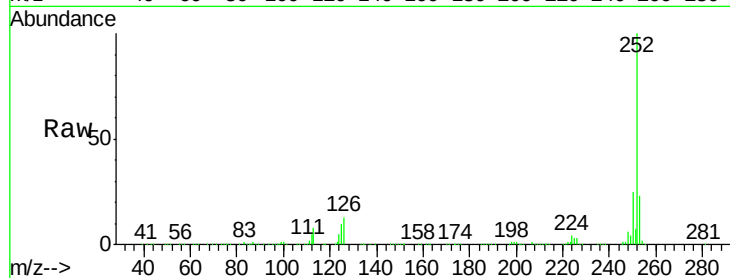
Tgt Ion:252 Resp: 989978

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

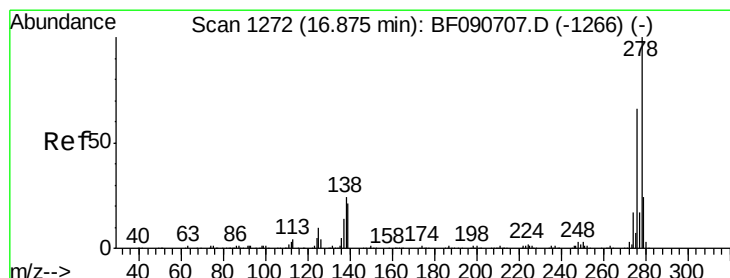
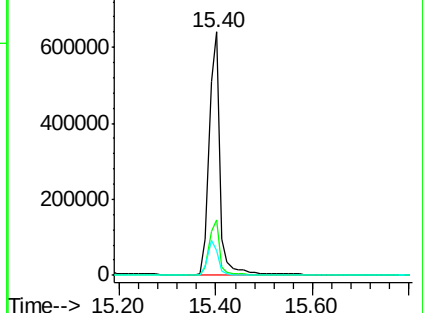
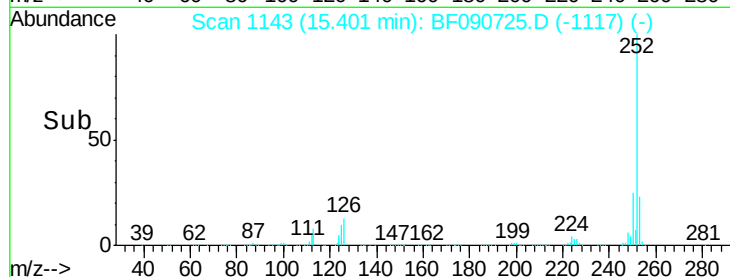
125 10.4 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.51 ng

RT: 16.88 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF090725.D

Acq: 21 Oct 2016 22:15

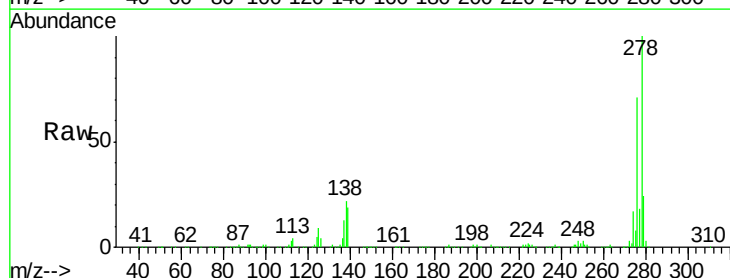
Tgt Ion:278 Resp: 915386

Ion Ratio Lower Upper

278 100

139 19.4 26.3 39.5#

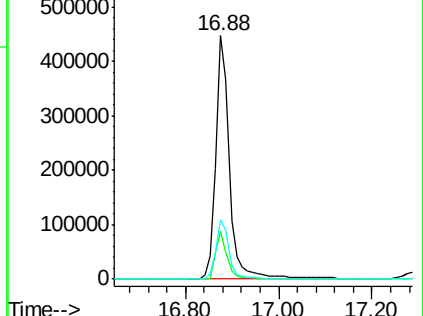
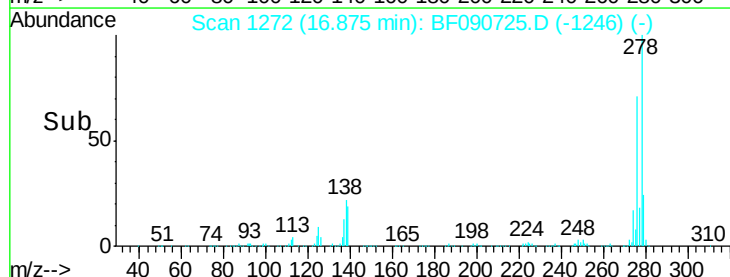
279 24.3 18.2 27.4

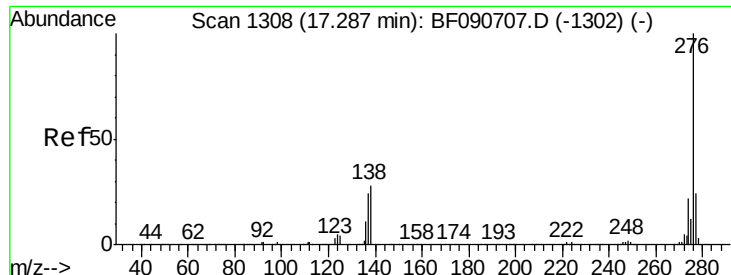


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 34.81 ng
 RT: 17.29 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: BF090725.D
 Acq: 21 Oct 2016 22:15

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.8	26.6
138	23.9	34.6	51.8

