

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092905.D
 Acq On : 11 Feb 2017 1:23
 Operator : SJ/MA
 Sample : I1777-03MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2MSD

Quant Time: Feb 11 02:09:27 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 23:31:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	178735	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	742454	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	382143	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	592878	20.00	ng	0.00
75) Chrysene-d12	14.07	240	407132	20.00	ng	0.00
86) Perylene-d12	15.51	264	349143	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1102876	105.86	ng	0.01
7) Phenol-d6	6.54	99	1556406	116.11	ng	0.01
23) Nitrobenzene-d5	7.47	82	964905	72.37	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	323570	117.07	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1592114	75.48	ng	0.00
78) Terphenyl-d14	13.01	244	1291241	74.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	169176	30.05	ng	# 85
3) Pyridine	3.30	79	454374	31.74	ng	# 82
4) n-Nitrosodimethylamine	3.26	42	252335	37.54	ng	# 86
6) Aniline	6.56	93	304618	16.66	ng	# 14
8) 2-Chlorophenol	6.68	128	440840	38.36	ng	# 94
9) Benzaldehyde	6.44	77	166105	17.30	ng	# 99
10) Phenol	6.56	94	699383	44.59	ng	# 81
11) bis(2-Chloroethyl)ether	6.64	93	452640	36.16	ng	# 94
12) 1,3-Dichlorobenzene	6.84	146	498946	37.06	ng	# 98
13) 1,4-Dichlorobenzene	6.91	146	489258	35.91	ng	# 98
14) 1,2-Dichlorobenzene	7.07	146	508193	39.01	ng	# 96
15) Benzyl Alcohol	7.05	79	407648	41.08	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	843469	38.78	ng	# 95
17) 2-Methylphenol	7.16	107	379379	38.48	ng	# 96
18) Hexachloroethane	7.41	117	174230	37.46	ng	# 95
19) n-Nitroso-di-n-propylamine	7.32	70	340564	39.91	ng	# 99
20) 3+4-Methylphenols	7.32	107	465961	39.52	ng	# 87
22) Acetophenone	7.31	105	588019	34.69	ng	# 94
24) Nitrobenzene	7.48	77	493627	36.06	ng	# 98
25) Isophorone	7.72	82	908102	36.55	ng	# 96
26) 2-Nitrophenol	7.80	139	234819	36.08	ng	# 97
27) 2,4-Dimethylphenol	7.85	122	441177	38.60	ng	# 95
28) bis(2-Chloroethoxy)methane	7.94	93	600583	36.50	ng	# 100
29) 2,4-Dichlorophenol	8.05	162	406309	38.12	ng	# 100
30) 1,2,4-Trichlorobenzene	8.13	180	431547	37.57	ng	# 100
31) Naphthalene	8.21	128	1350949	35.89	ng	# 98
32) Benzoic acid	7.85	122	441177	65.12	ng	# 11
33) 4-Chloroaniline	8.26	127	198804	13.47	ng	# 99
34) Hexachlorobutadiene	8.33	225	227052	35.93	ng	# 99
35) Caprolactam	8.64	113	67206	20.04	ng	# 52
36) 4-Chloro-3-methylphenol	8.75	107	398655	35.87	ng	# 98
37) 2-Methylnaphthalene	8.90	142	845787	35.00	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	403453	37.61	ng	# 99
40) Hexachlorocyclopentadiene	9.05	237	259599	53.64	ng	# 97

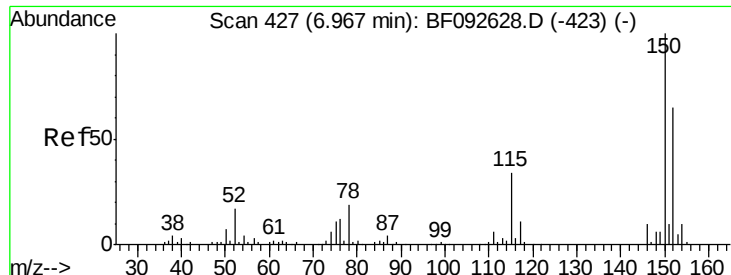
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092905.D
 Acq On : 11 Feb 2017 1:23
 Operator : SJ/MA
 Sample : I1777-03MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2MSD

Quant Time: Feb 11 02:09:27 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 23:31:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	278095	39.45	ng	93
43) 2,4,5-Trichlorophenol	9.23	196	267566	34.65	ng #	85
45) 1,1'-Biphenyl	9.37	154	1073012	38.78	ng	98
46) 2-Chloronaphthalene	9.39	162	802488	37.07	ng	97
47) 2-Nitroaniline	9.49	65	282684	38.84	ng #	80
48) Acenaphthylene	9.80	152	1279987	34.23	ng	99
49) Dimethylphthalate	9.68	163	1136695	44.16	ng	100
50) 2,6-Dinitrotoluene	9.73	165	213835	38.47	ng #	88
51) Acenaphthene	9.97	154	734645	32.86	ng	96
52) 3-Nitroaniline	9.90	138	162041	25.47	ng #	79
53) 2,4-Dinitrophenol	10.01	184	33686	15.94	ng #	72
54) Dibenzofuran	10.14	168	1067555	35.70	ng	97
55) 4-Nitrophenol	10.08	139	287417	62.73	ng	87
56) 2,4-Dinitrotoluene	10.13	165	249466	33.71	ng	97
57) Fluorene	10.49	166	751528	32.67	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.27	232	206459	40.07	ng	97
59) Diethylphthalate	10.36	149	912072	37.60	ng	99
60) 4-Chlorophenyl-phenylether	10.49	204	380234	34.40	ng #	73
61) 4-Nitroaniline	10.51	138	205325	31.51	ng	94
62) Azobenzene	10.64	77	954038	38.07	ng	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	66609	20.10	ng	84
65) n-Nitrosodiphenylamine	10.60	169	689467	36.40	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	221632	35.78	ng	95
67) Hexachlorobenzene	11.04	284	216897	35.43	ng #	90
68) Atrazine	11.13	200	204994	33.73	ng	100
69) Pentachlorophenol	11.23	266	194355	63.17	ng	97
70) Phenanthrene	11.45	178	1194235	35.16	ng	98
71) Anthracene	11.50	178	1284021	37.64	ng	98
72) Carbazole	11.66	167	1081570	33.17	ng #	96
73) Di-n-butylphthalate	11.98	149	1329271	37.70	ng #	97
74) Fluoranthene	12.64	202	1194182	34.08	ng	98
76) Benzidine	12.76	184	271606	15.66	ng	95
77) Pyrene	12.86	202	1190718	39.08	ng	99
79) Butylbenzylphthalate	13.48	149	517763	41.85	ng	88
80) Benzo(a)anthracene	14.05	228	922241	37.04	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	214981	24.22	ng #	95
82) Chrysene	14.09	228	714599	30.65	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	699911	41.36	ng #	96
84) Di-n-octyl phthalate	14.65	149	1092739	39.66	ng	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	866297	47.97	ng	95
87) Benzo(b)fluoranthene	15.09	252	1622735	70.61	ng	98
88) Benzo(k)fluoranthene	15.09	252	1622735	81.78	ng	98
89) Benzo(a)pyrene	15.45	252	800614	40.28	ng	98
90) Dibenzo(a,h)anthracene	16.96	278	672769	41.88	ng #	95
91) Benzo(g,h,i)perylene	17.38	276	755821	46.57	ng #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

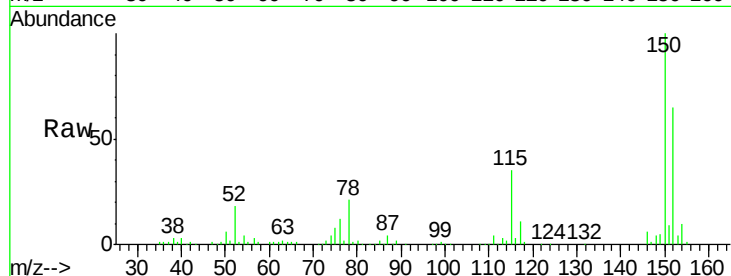
Tgt Ion:152 Resp: 178735

Ion Ratio Lower Upper

152 100

150 154.1 124.9 187.3

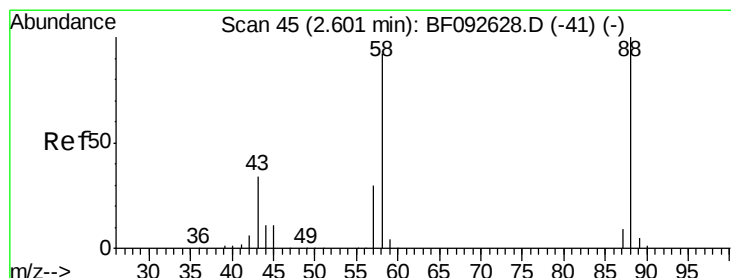
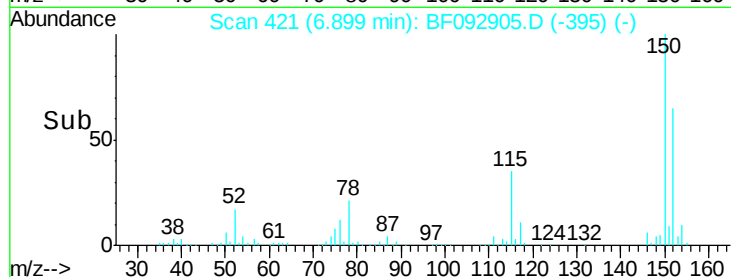
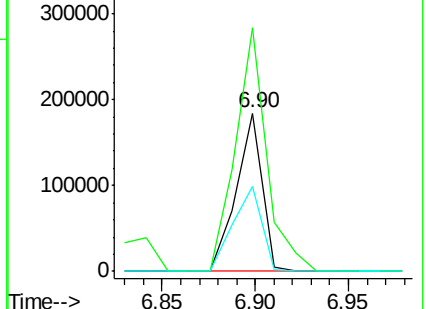
115 53.5 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.05 ng

RT: 2.57 min Scan# 42

Delta R.T. 0.08 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

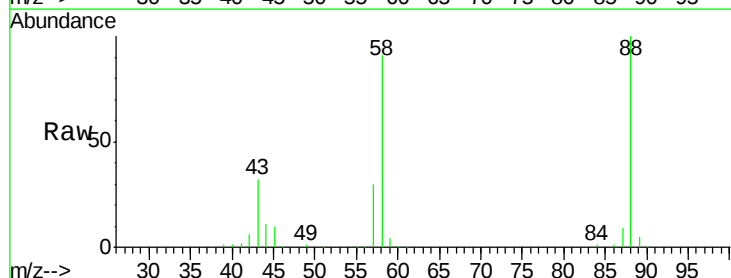
Tgt Ion: 88 Resp: 169176

Ion Ratio Lower Upper

88 100

58 88.4 57.8 86.8#

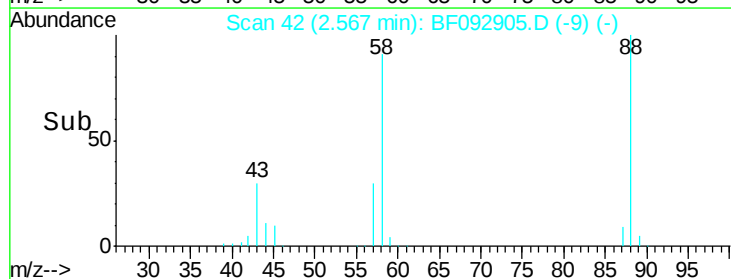
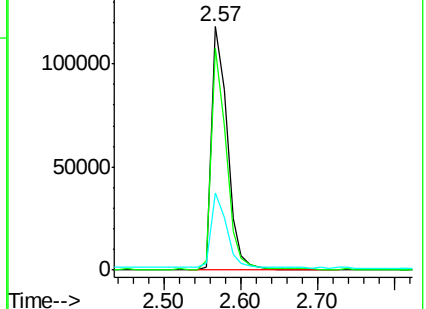
43 29.1 22.3 33.5

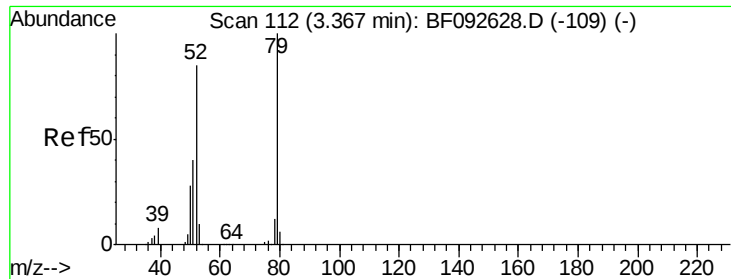


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.74 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.08 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

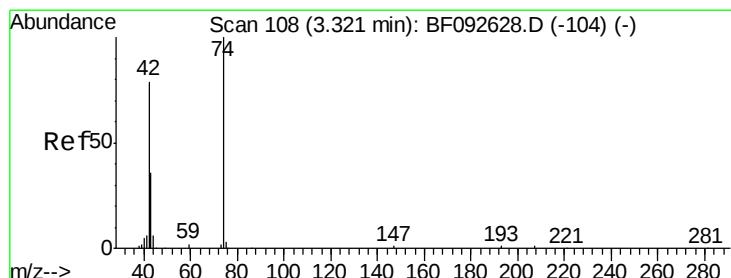
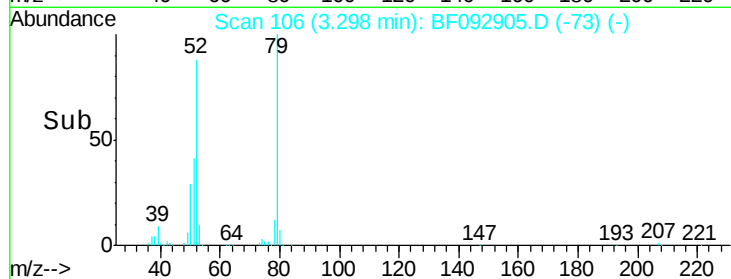
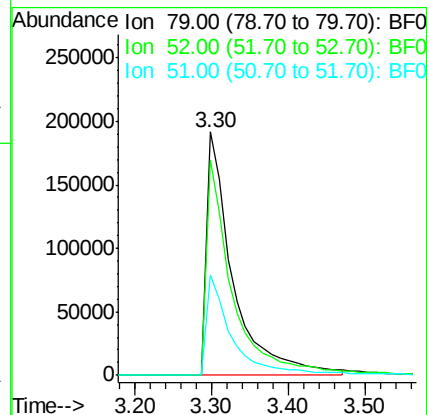
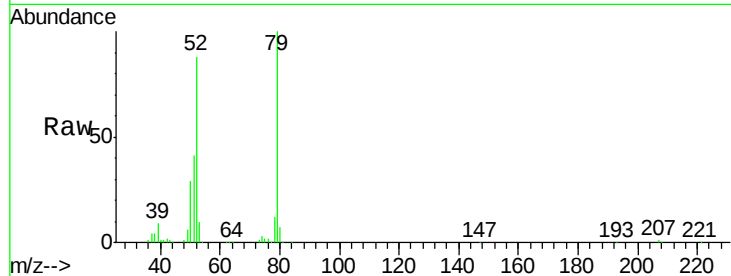
Tgt Ion: 79 Resp: 454374

Ion Ratio Lower Upper

79 100

52 88.4 57.1 85.7#

51 41.2 27.3 40.9#



#4

n-Nitrosodimethylamine

Concen: 37.54 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.08 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

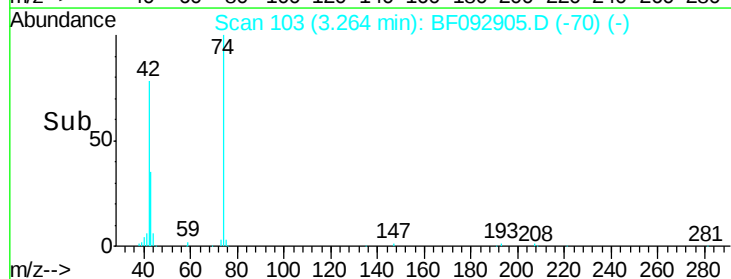
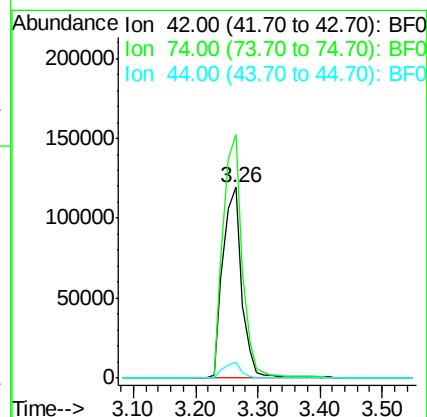
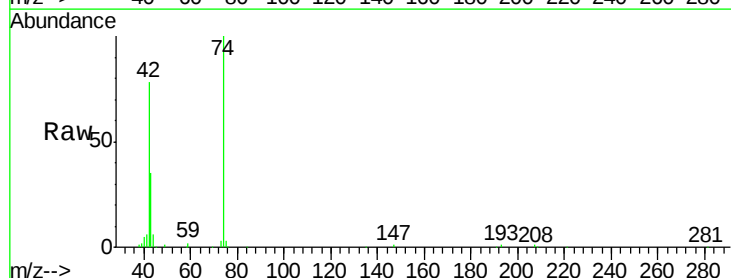
Tgt Ion: 42 Resp: 252335

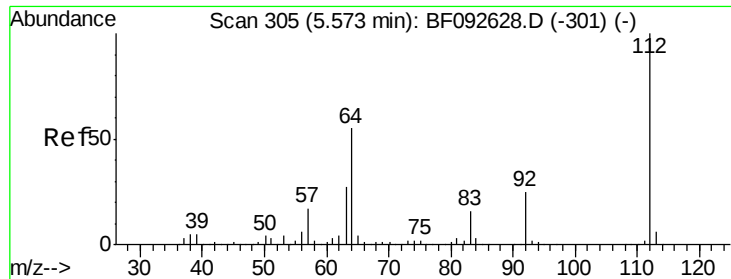
Ion Ratio Lower Upper

42 100

74 127.7 117.0 175.4

44 8.1 5.5 8.3





#5

2-Fluorophenol

Concen: 105.86 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

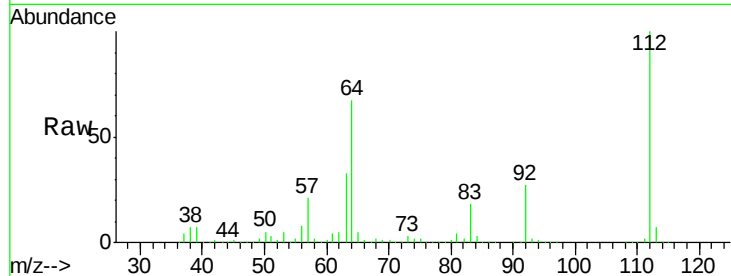
Tgt Ion: 112 Resp: 1102876

Ion Ratio Lower Upper

112 100

64 66.6 46.1 69.1

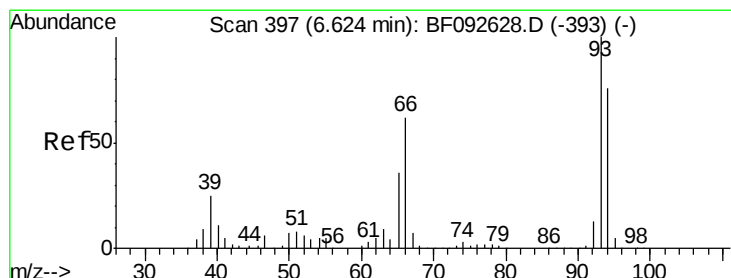
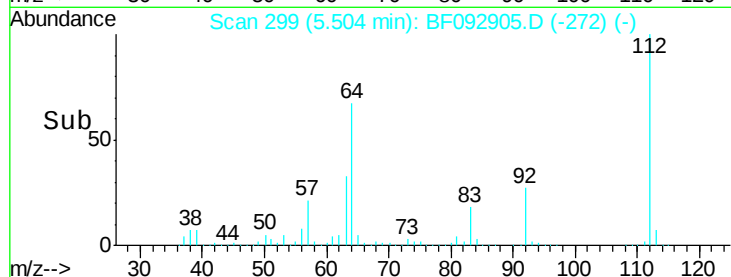
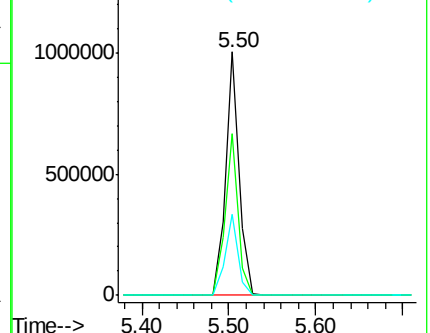
63 33.4 23.8 35.6



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: 16.66 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

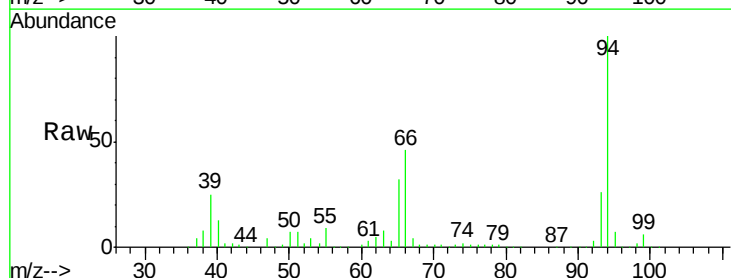
Tgt Ion: 93 Resp: 304618

Ion Ratio Lower Upper

93 100

66 179.9 76.2 114.2#

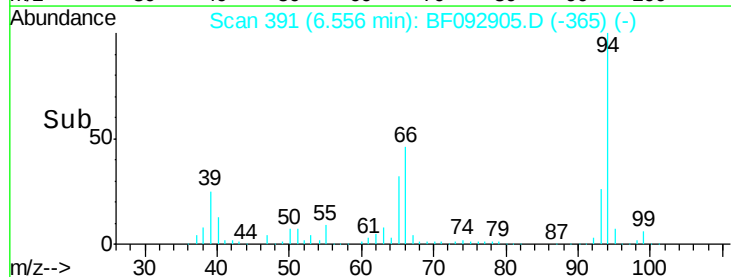
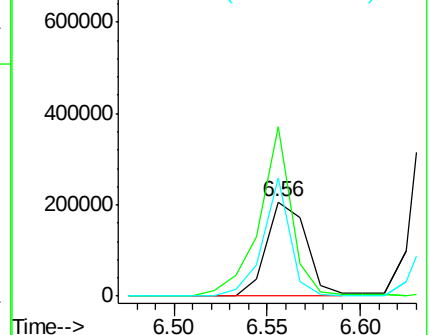
65 126.1 49.3 73.9#

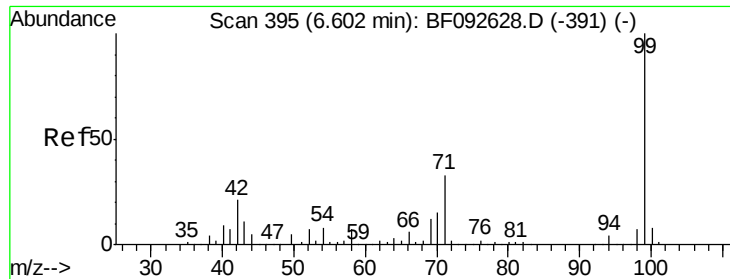


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.11 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

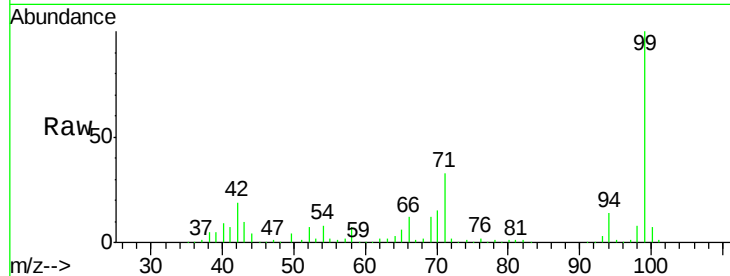
Tgt Ion: 99 Resp: 1556406

Ion Ratio Lower Upper

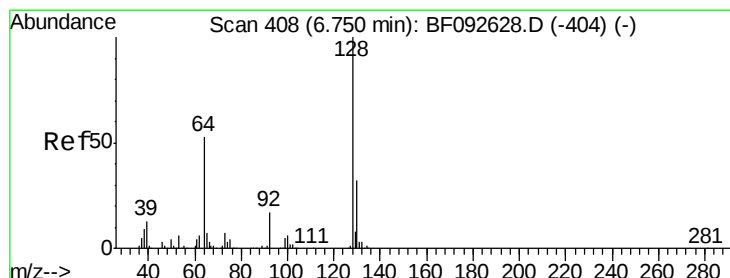
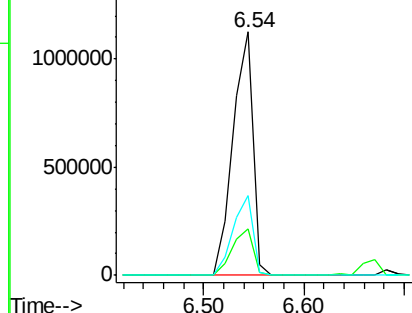
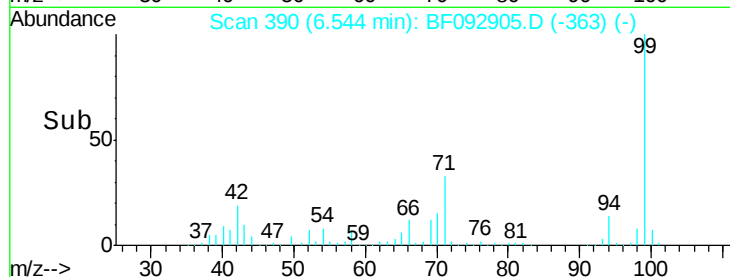
99 100

42 18.9 15.6 23.4

71 32.6 27.5 41.3



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



#8

2-Chlorophenol

Concen: 38.36 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

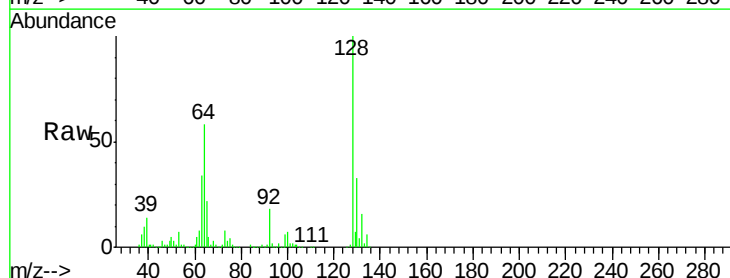
Tgt Ion: 128 Resp: 440840

Ion Ratio Lower Upper

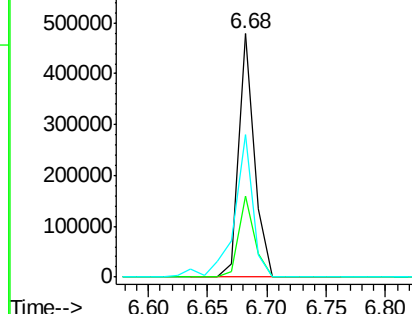
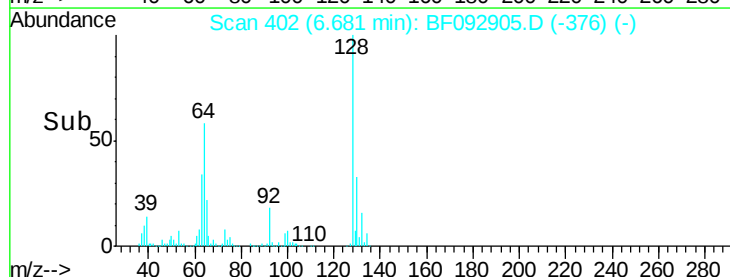
128 100

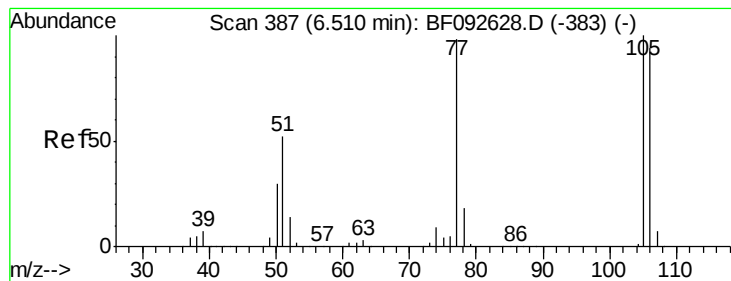
130 33.4 12.3 52.3

64 58.3 32.2 72.2



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





#9

Benzaldehyde

Concen: 17.30 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

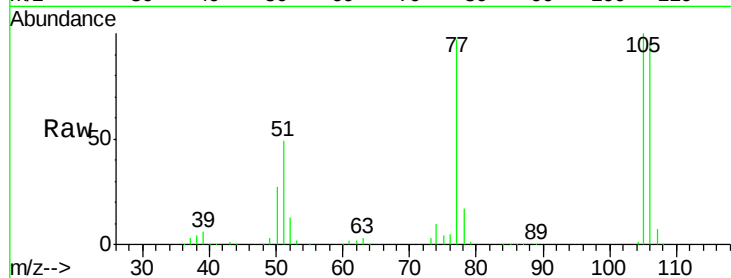
Tgt Ion: 77 Resp: 166105

Ion Ratio Lower Upper

77 100

105 103.0 83.9 123.9

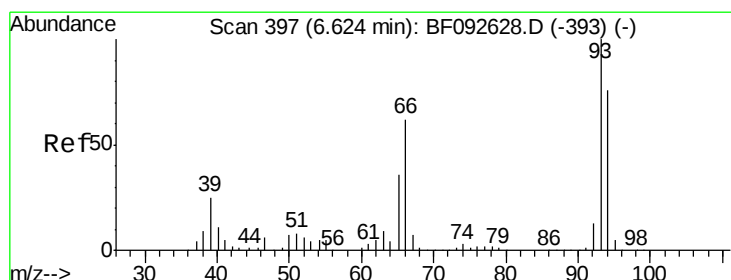
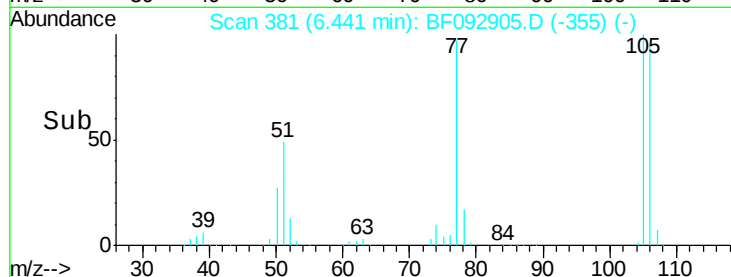
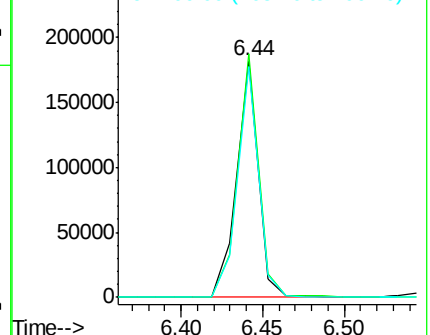
106 97.9 77.6 117.6



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: 44.59 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

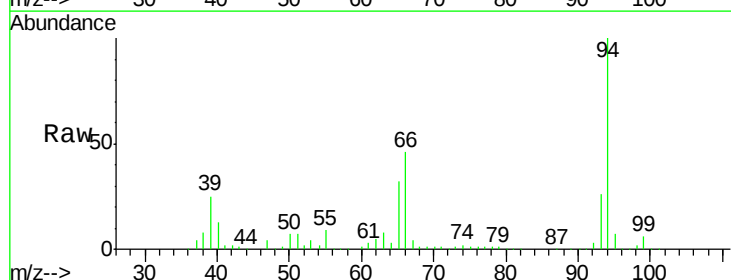
Tgt Ion: 94 Resp: 699383

Ion Ratio Lower Upper

94 100

65 32.4 21.4 61.4

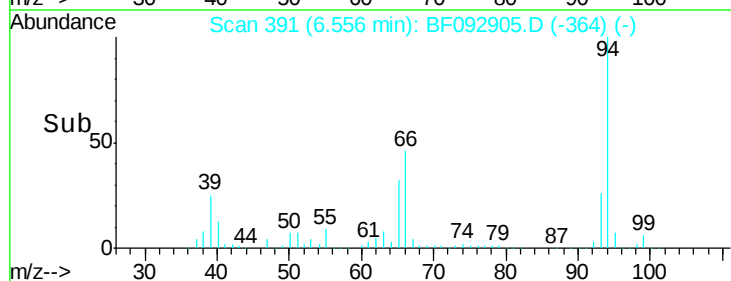
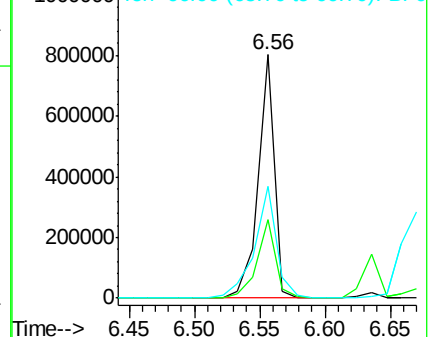
66 46.2 44.0 84.0

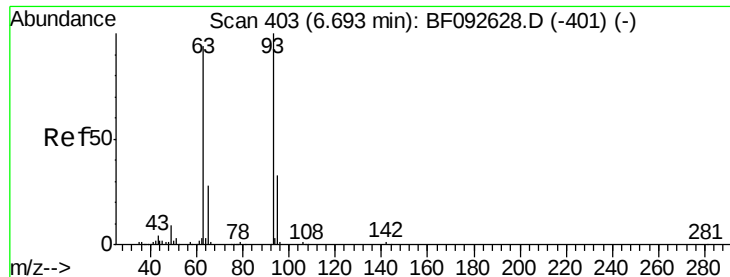


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.16 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

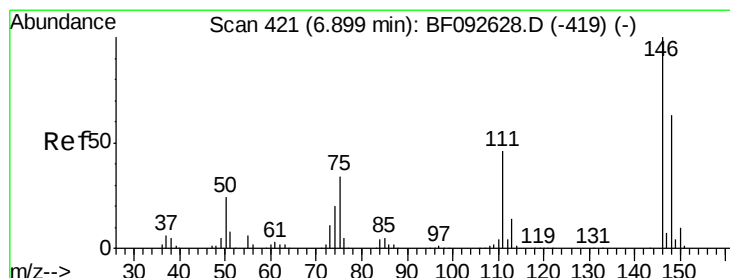
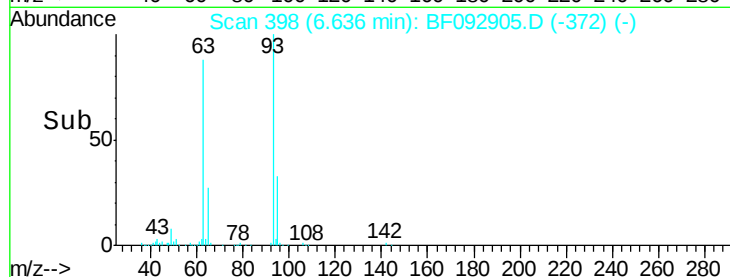
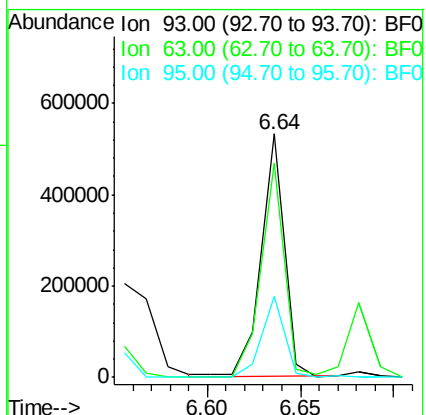
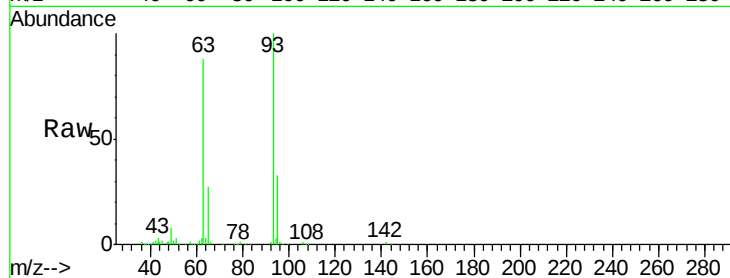
Tgt Ion: 93 Resp: 452640

Ion Ratio Lower Upper

93 100

63 88.0 60.4 100.4

95 33.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 37.06 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

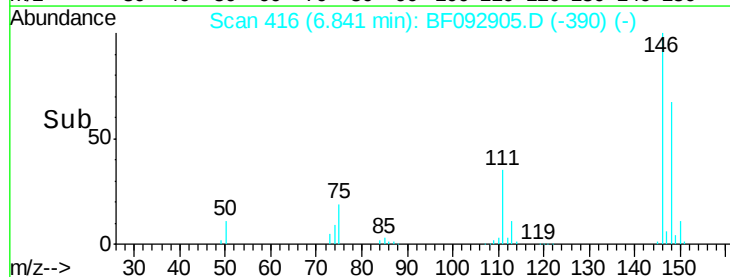
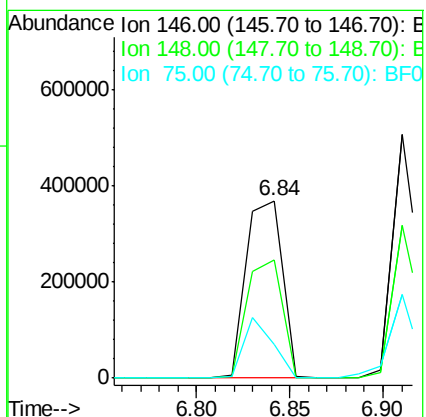
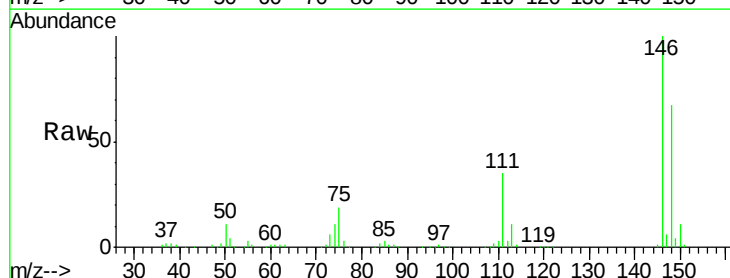
Tgt Ion: 146 Resp: 498946

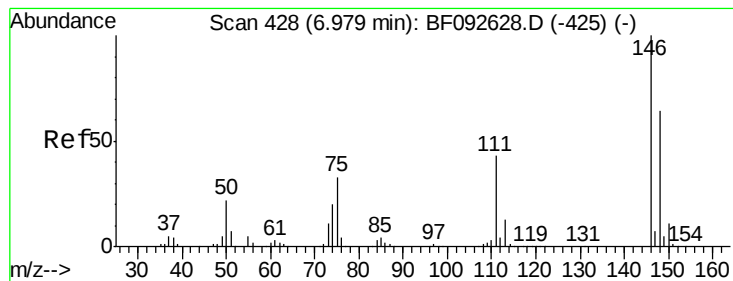
Ion Ratio Lower Upper

146 100

148 66.7 53.4 80.0

75 19.3 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 35.91 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

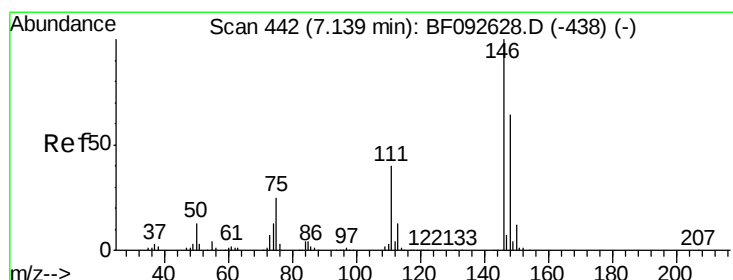
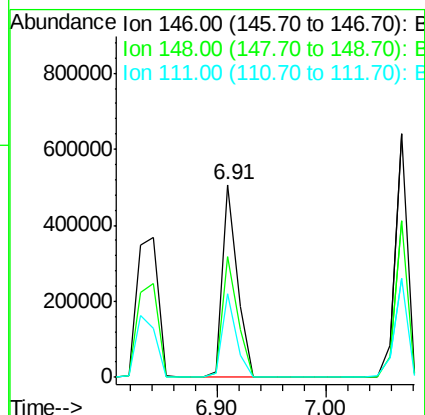
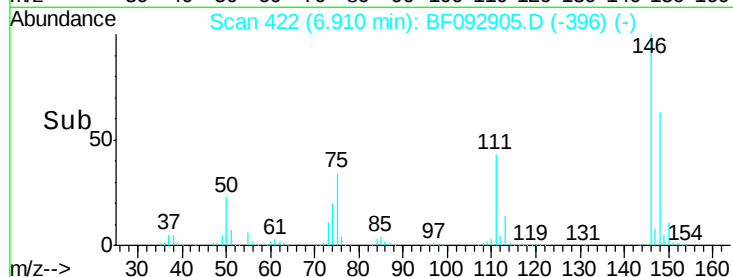
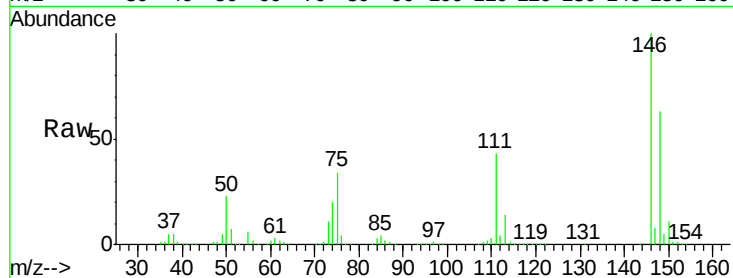
Tgt Ion:146 Resp: 489258

Ion Ratio Lower Upper

146 100

148 62.6 50.6 76.0

111 43.3 36.2 54.4



#14

1,2-Dichlorobenzene

Concen: 39.01 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

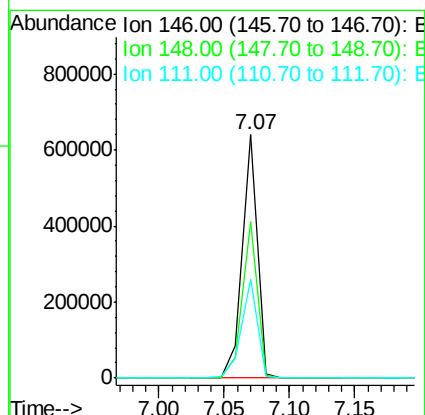
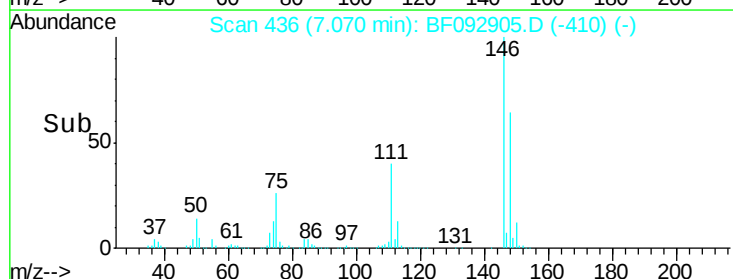
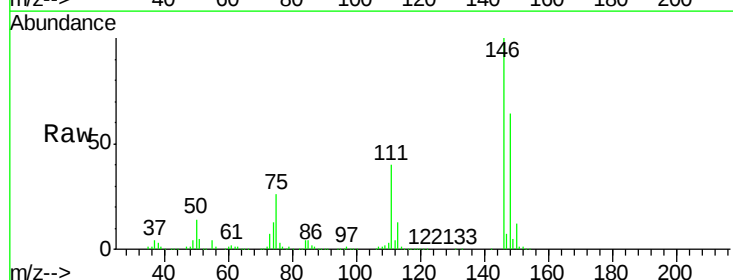
Tgt Ion:146 Resp: 508193

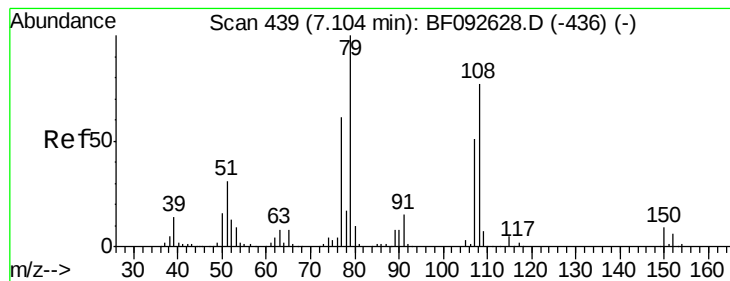
Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.2

111 40.5 36.2 54.2





#15

Benzyl Alcohol

Concen: 41.08 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

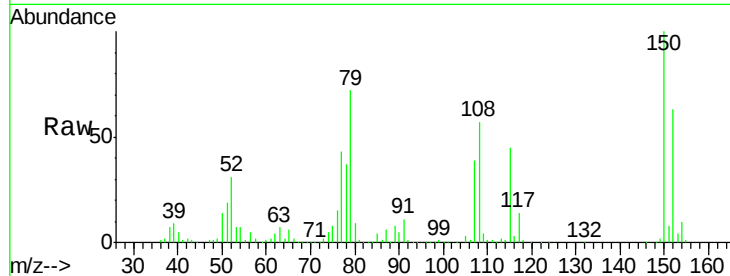
Tgt Ion: 79 Resp: 407648

Ion Ratio Lower Upper

79 100

108 79.7 61.4 92.0

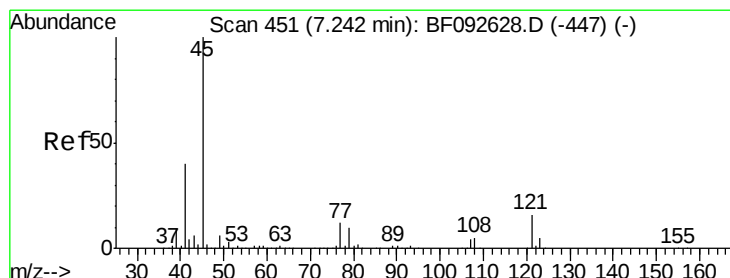
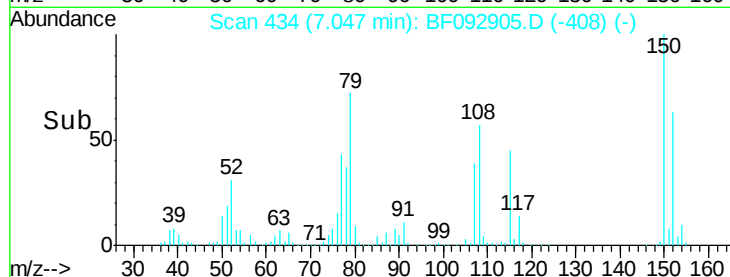
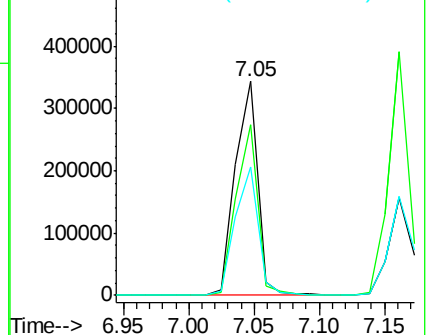
77 60.3 50.9 76.3



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: 38.78 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.01 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

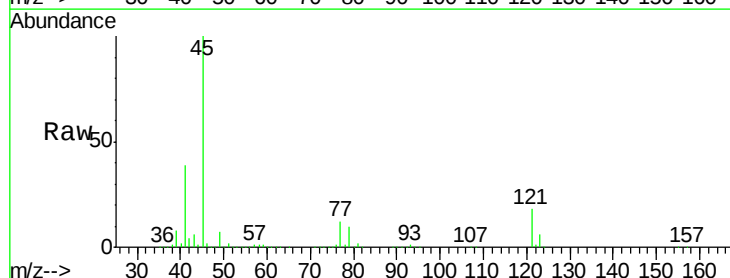
Tgt Ion: 45 Resp: 843469

Ion Ratio Lower Upper

45 100

77 12.3 0.0 34.6

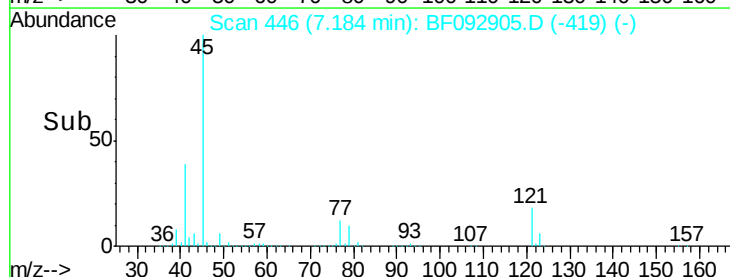
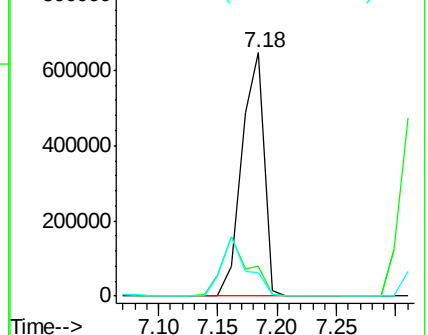
79 9.7 0.0 31.2

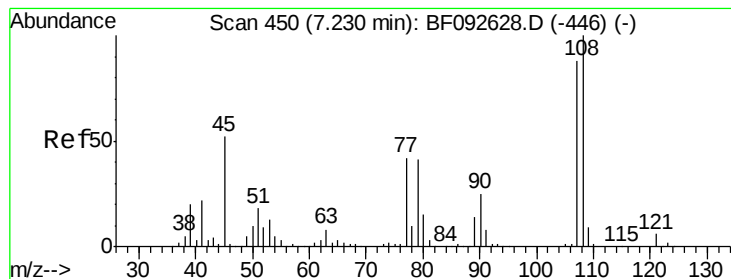


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.48 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

Tgt Ion:107 Resp: 379379

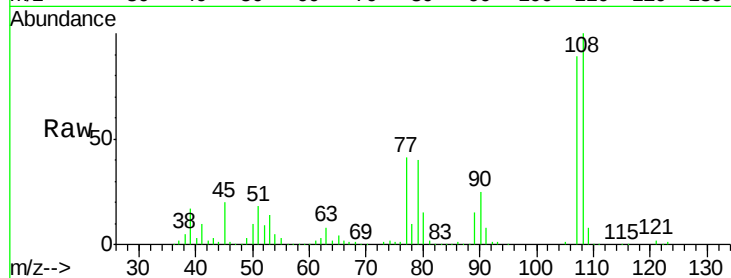
Ion Ratio Lower Upper

107 100

108 112.5 93.0 139.6

77 45.8 39.8 59.8

79 45.1 38.0 57.0

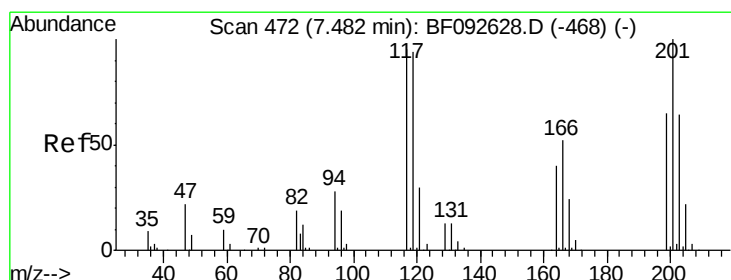
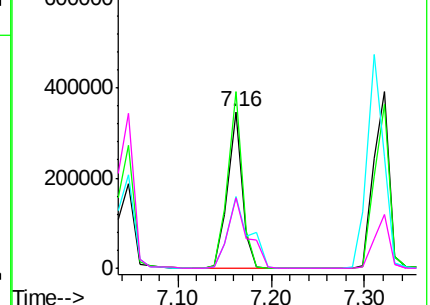
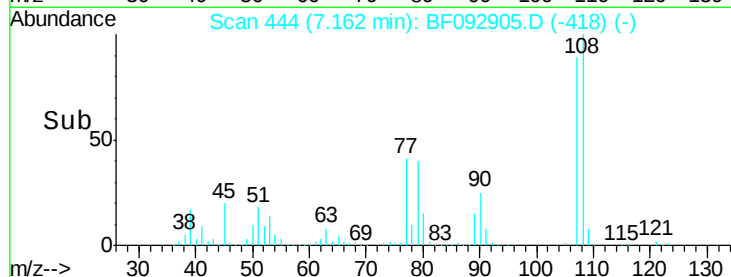


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.46 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

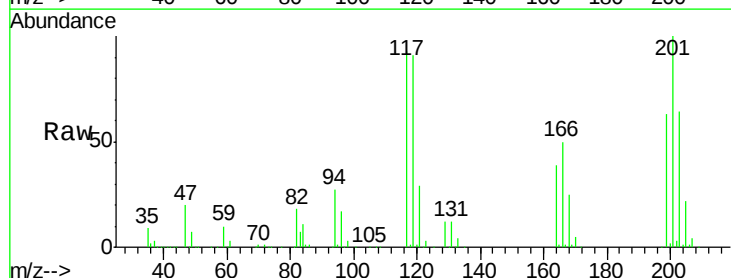
Tgt Ion:117 Resp: 174230

Ion Ratio Lower Upper

117 100

119 98.5 78.1 117.1

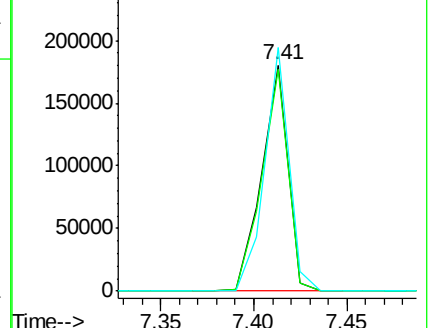
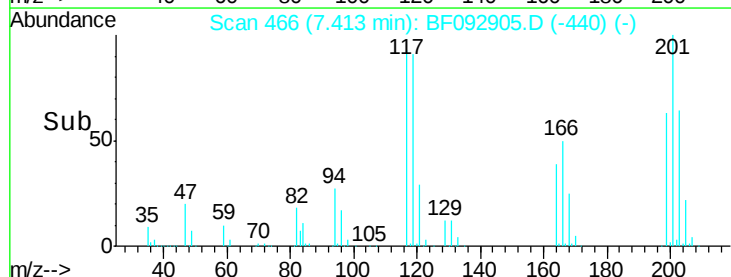
201 107.8 78.6 117.8

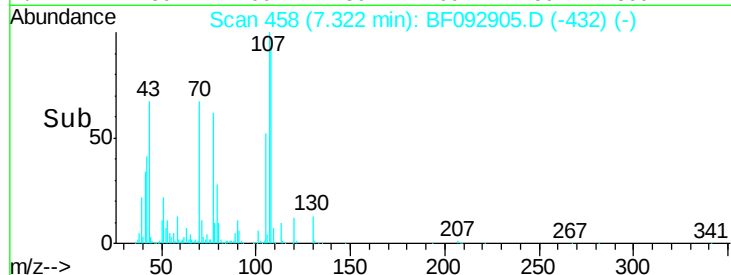
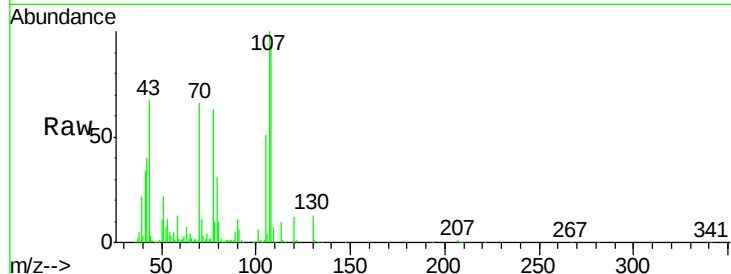
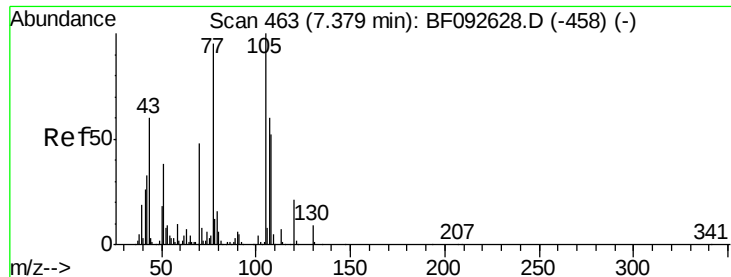


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

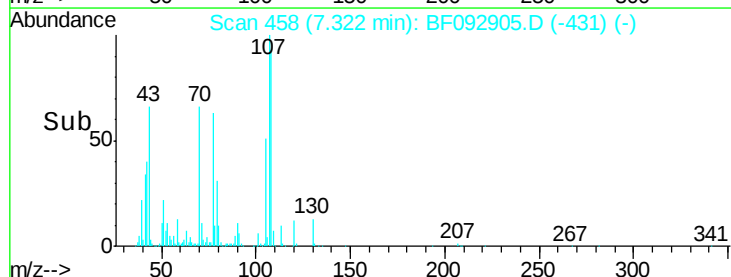
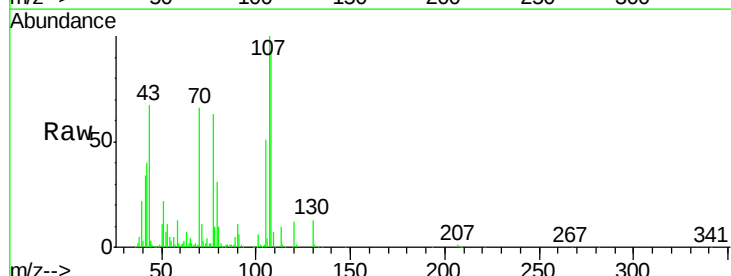
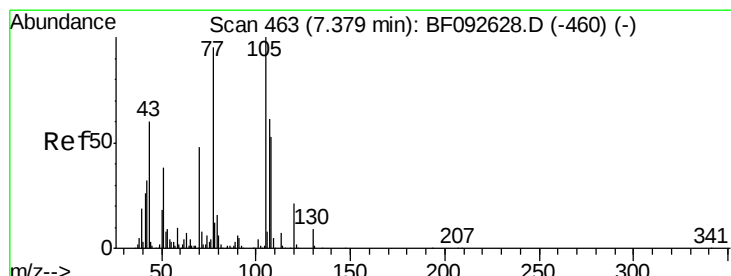
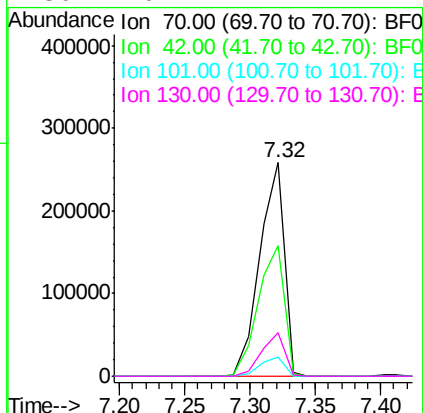




#19
n-Nitroso-di-n-propylamine
Concen: 39.91 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

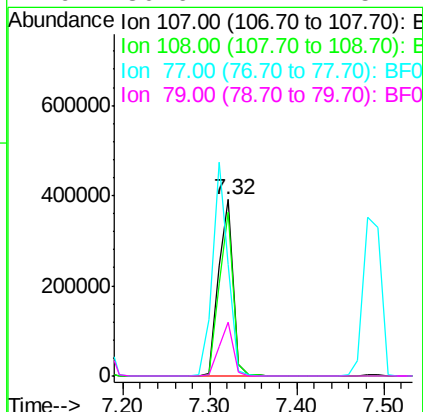
Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

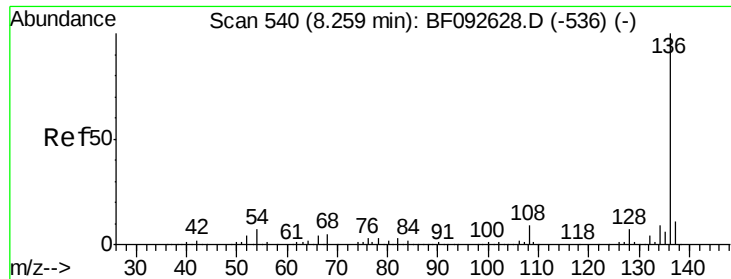
Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.3	49.4	74.0
101	9.2	7.4	11.2
130	20.2	14.2	21.4



#20
3+4-Methylphenols
Concen: 39.52 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.2	73.0	113.0
77	63.2	71.3	111.3#
79	30.6	11.1	51.1

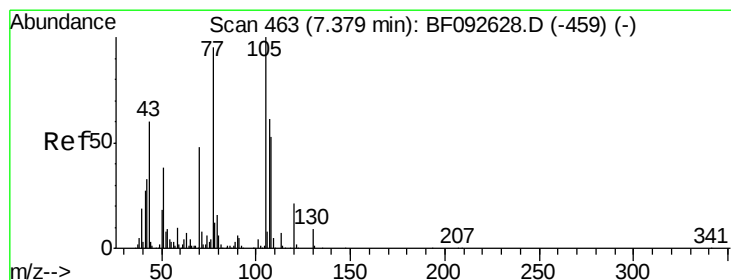
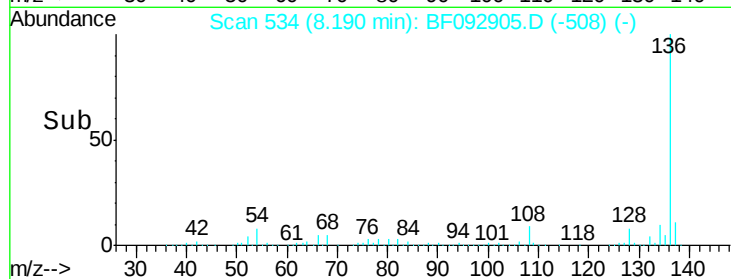
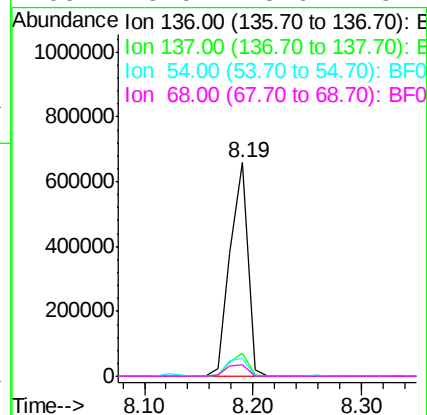
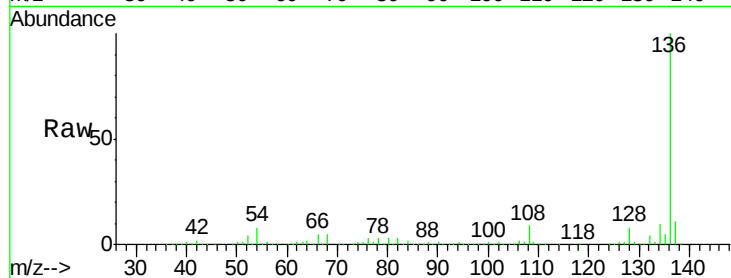




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

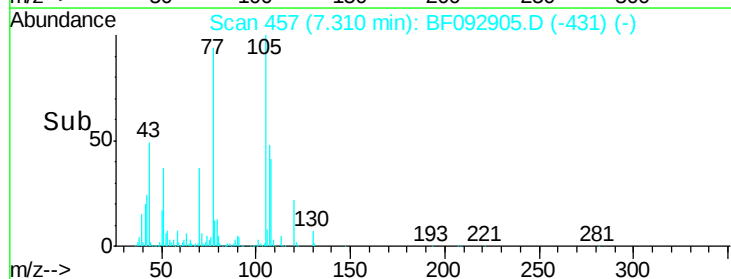
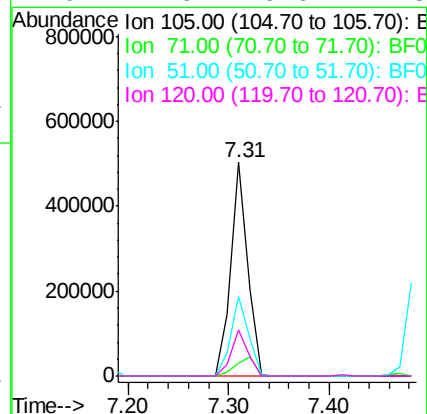
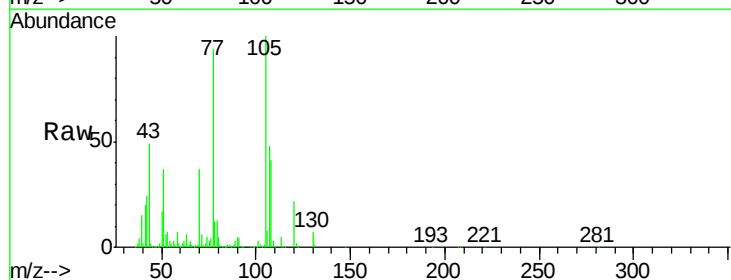
Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

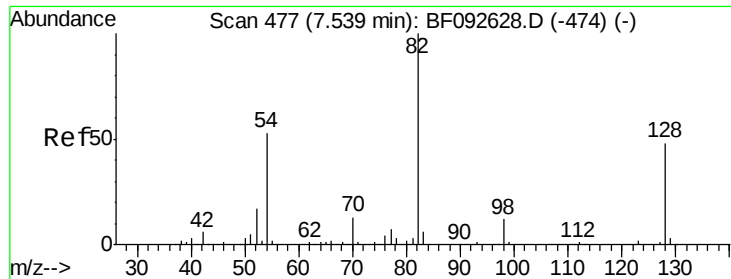
Tgt Ion:	136	Resp:	742454
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.4	12.6
54	8.3	4.5	6.7#
68	5.5	3.6	5.4#



#22
Acetophenone
Concen: 34.69 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion:	105	Resp:	588019
Ion Ratio	Lower	Upper	
105	100		
71	6.0	3.2	4.8#
51	37.3	26.2	39.4
120	21.6	16.6	24.8

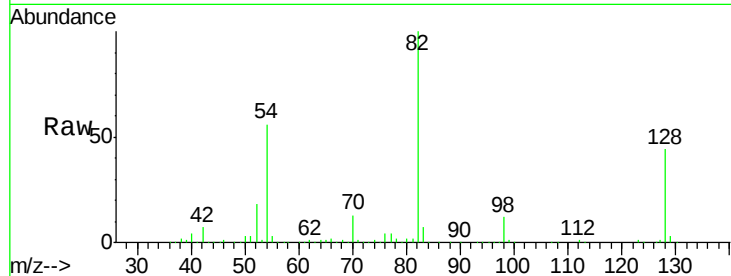




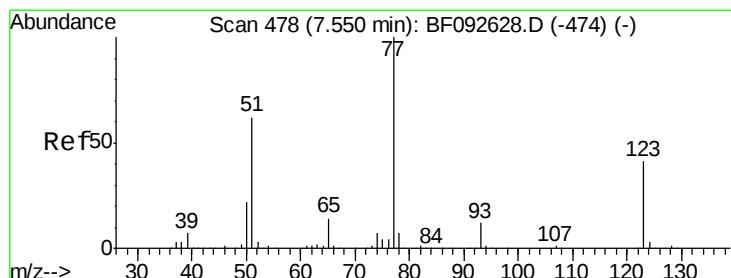
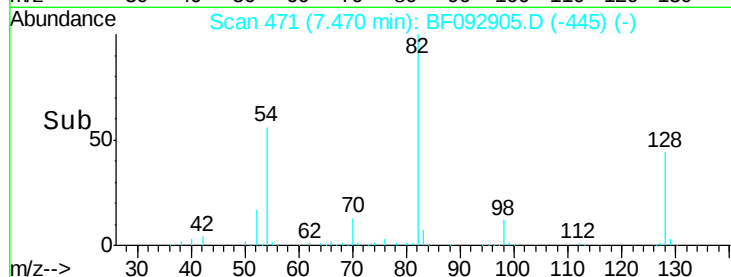
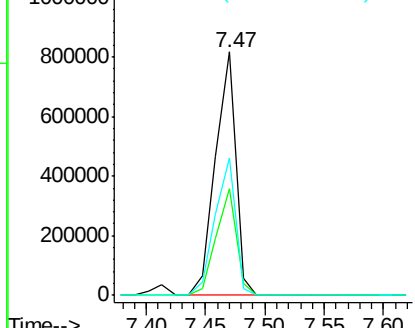
#23
 Nitrobenzene-d5
 Concen: 72.37 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	52.0
54	56.4	39.5	59.3

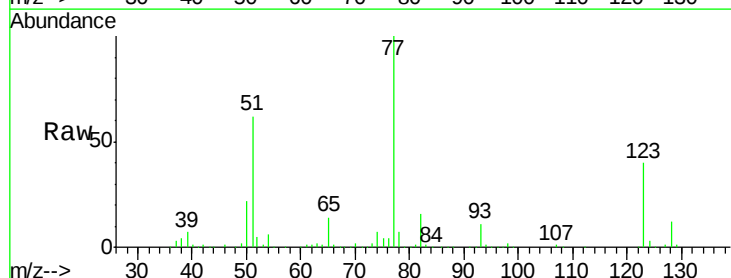


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

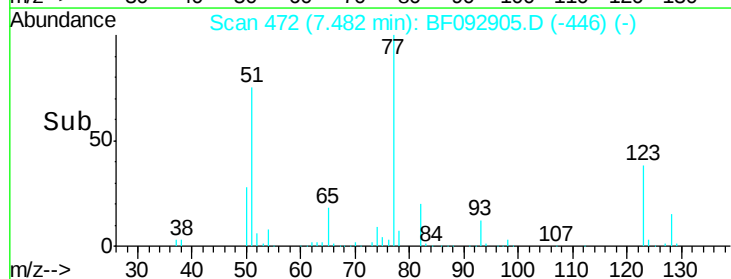
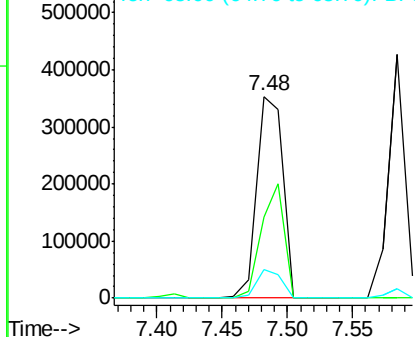


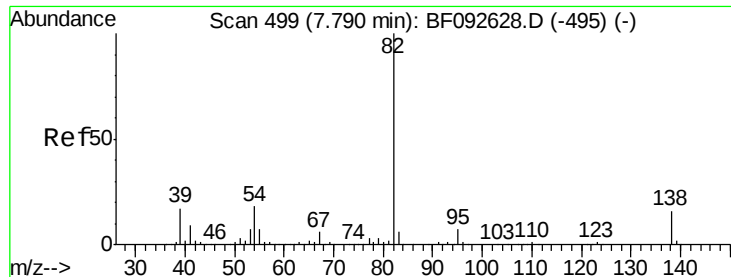
#24
 Nitrobenzene
 Concen: 36.06 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.0	33.0	49.4
65	14.1	11.2	16.8



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





#25

Isophorone

Concen: 36.55 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

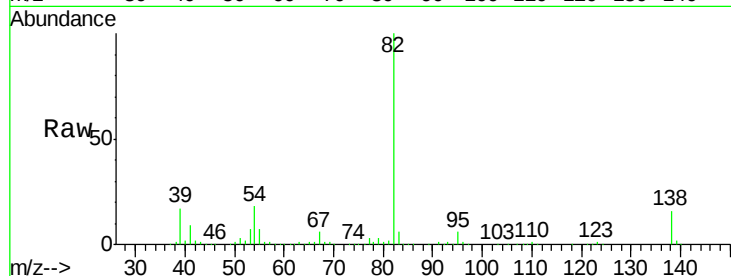
Tgt Ion: 82 Resp: 908102

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

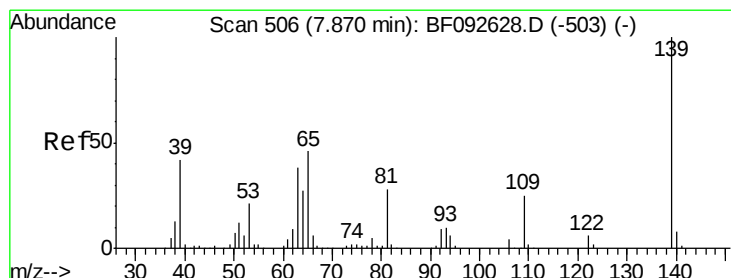
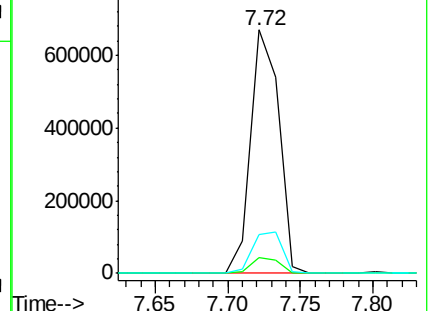
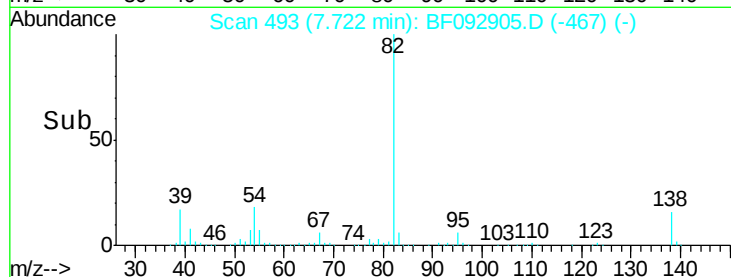
138 15.9 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 36.08 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

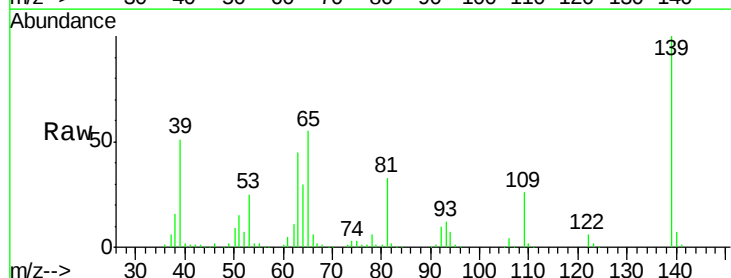
Tgt Ion: 139 Resp: 234819

Ion Ratio Lower Upper

139 100

109 26.3 23.3 34.9

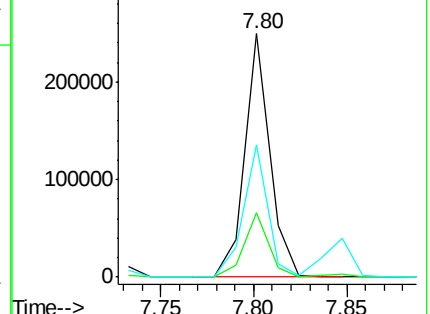
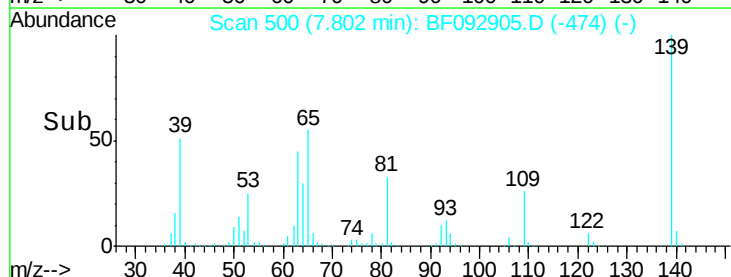
65 54.6 42.7 64.1

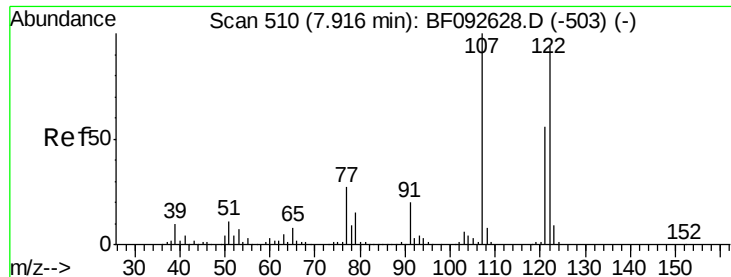


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

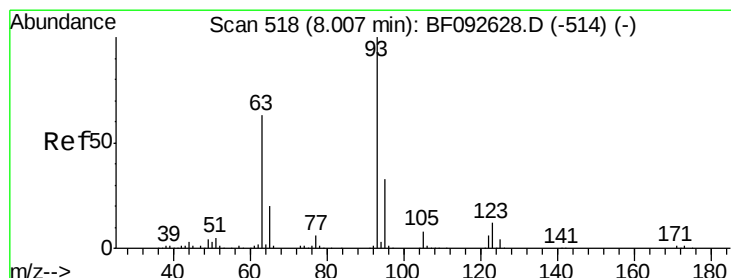
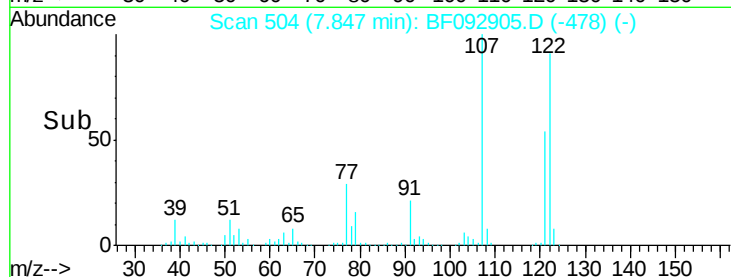
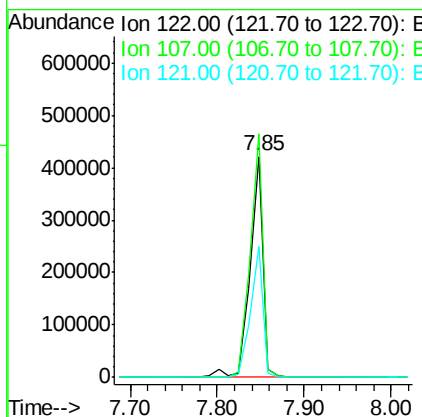
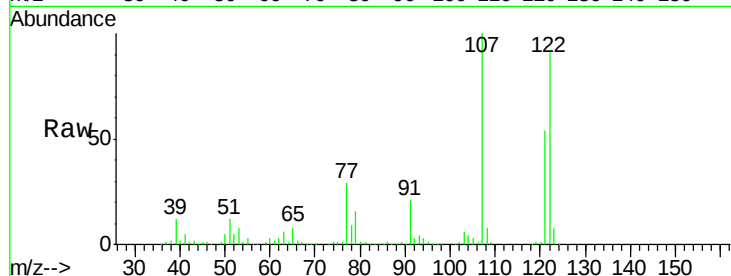




#27
2,4-Dimethylphenol
Concen: 38.60 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

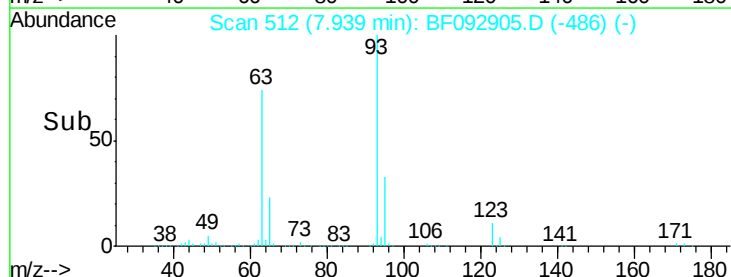
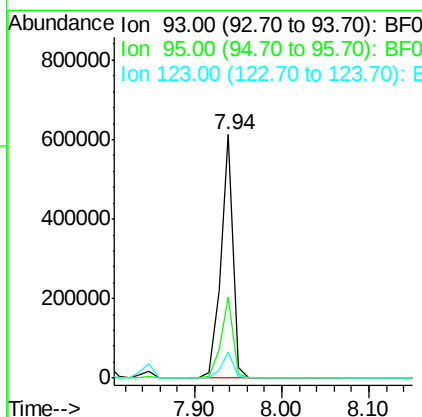
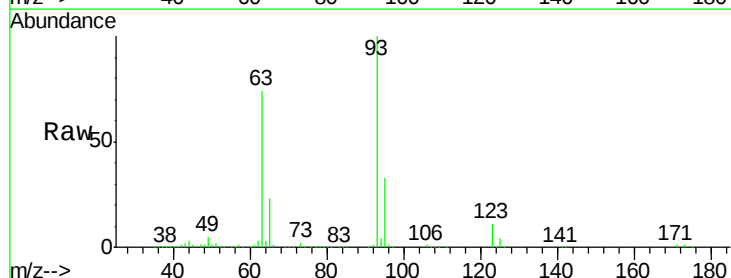
Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

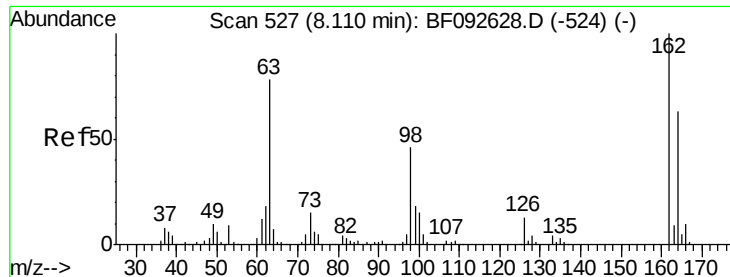
Tgt Ion: 122 Resp: 441177
Ion Ratio Lower Upper
122 100
107 110.1 94.1 141.1
121 59.3 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 36.50 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion: 93 Resp: 600583
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 10.6 8.6 13.0

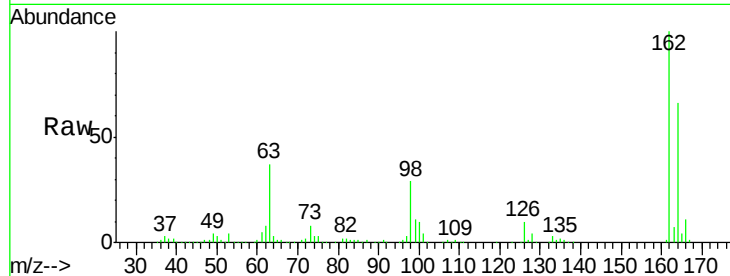




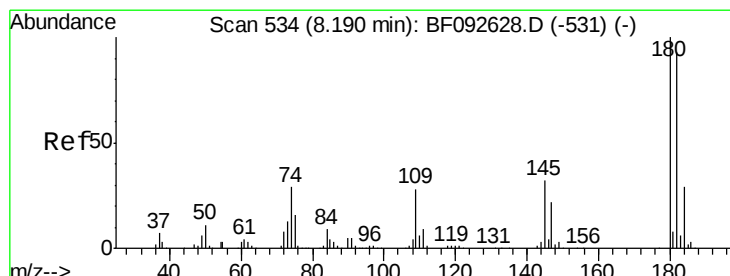
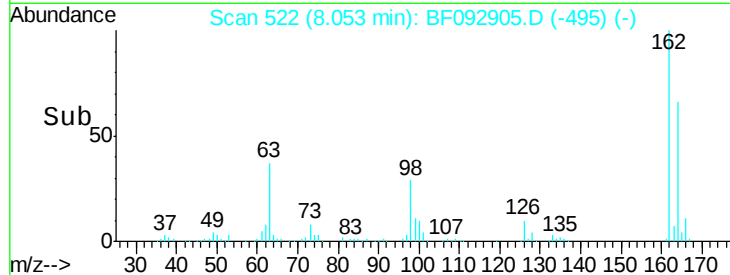
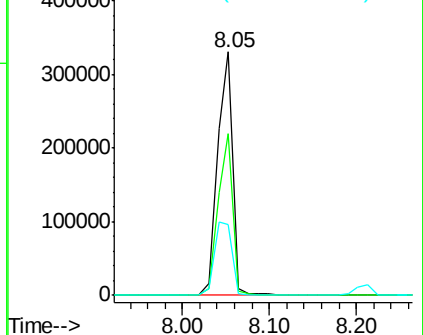
#29
2,4-Dichlorophenol
Concen: 38.12 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.4	46.8	86.8
98	29.1	9.1	49.1

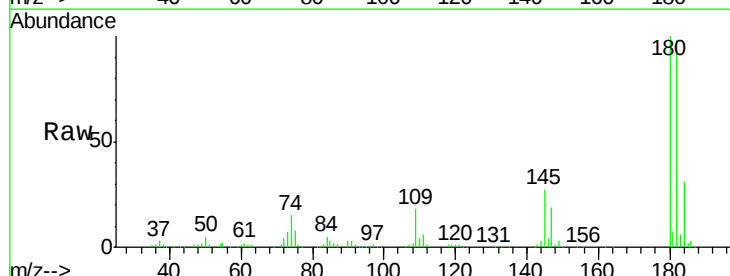


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

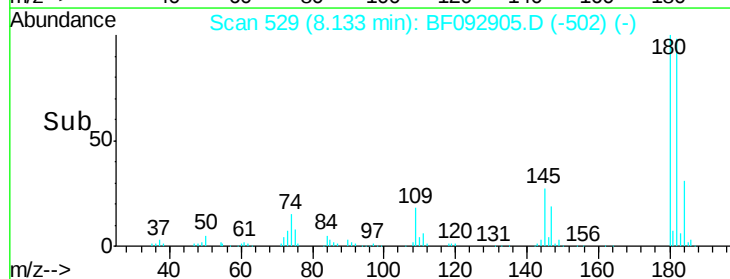
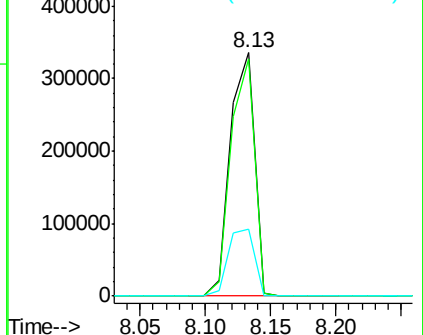


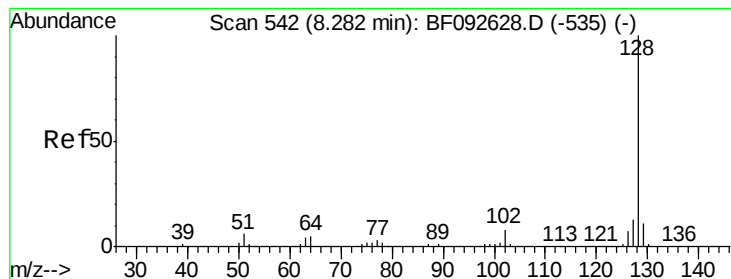
#30
1,2,4-Trichlorobenzene
Concen: 37.57 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.01 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	78.2	117.4
145	27.3	21.6	32.4



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: 35.89 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

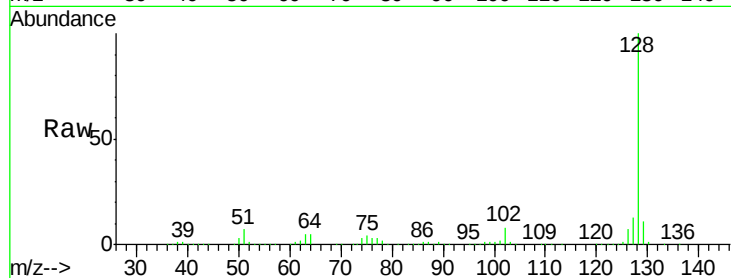
Tgt Ion:128 Resp: 1350949

Ion Ratio Lower Upper

128 100

129 10.8 9.5 14.3

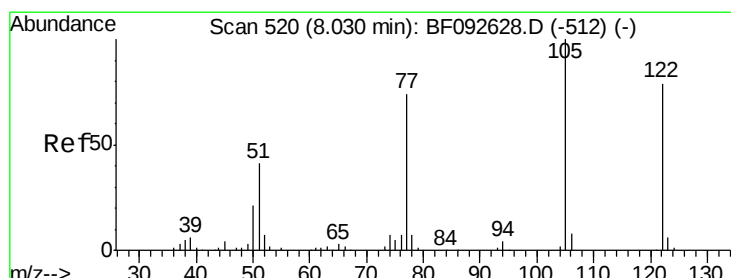
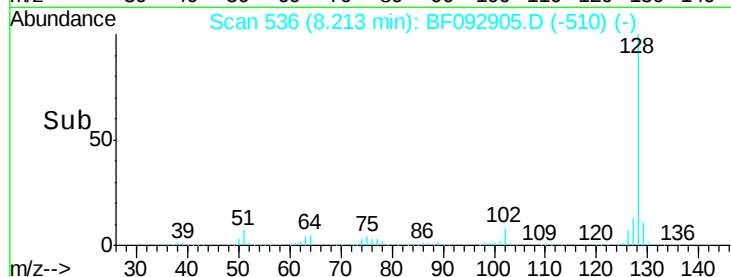
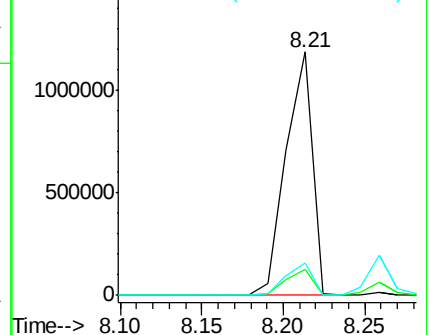
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 65.12 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.13 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

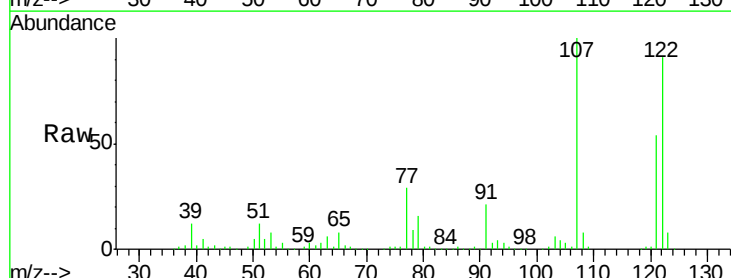
Tgt Ion:122 Resp: 441177

Ion Ratio Lower Upper

122 100

105 3.5 107.2 147.2#

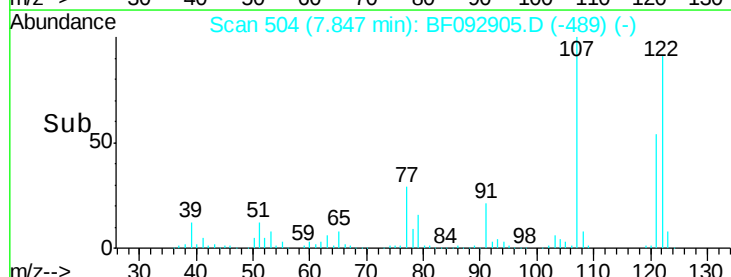
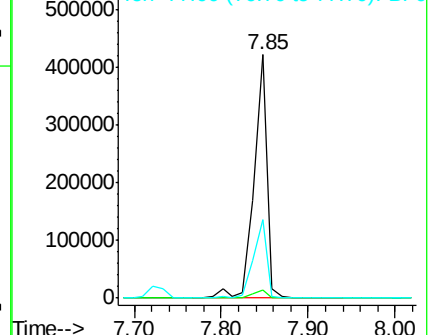
77 32.3 74.5 114.5#

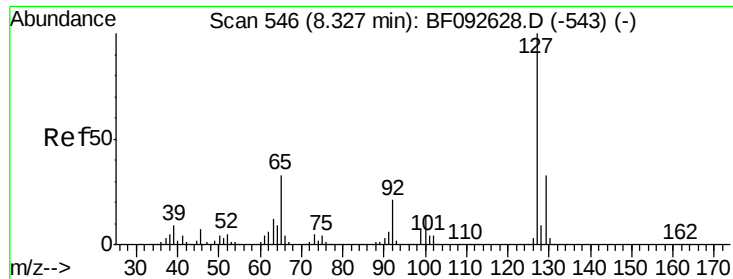


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

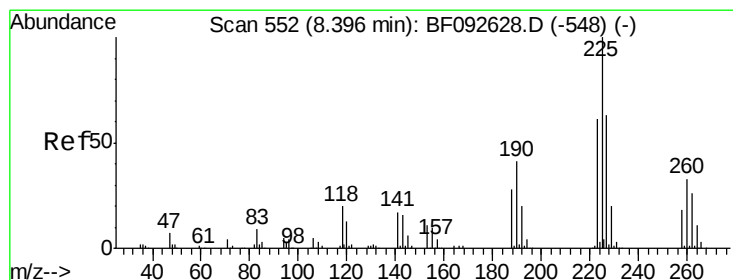
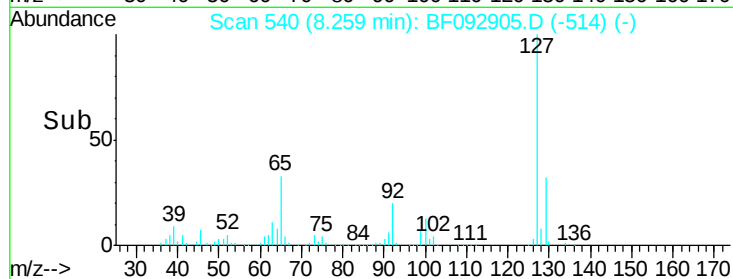
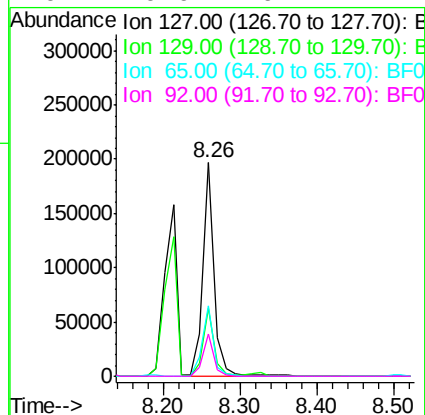
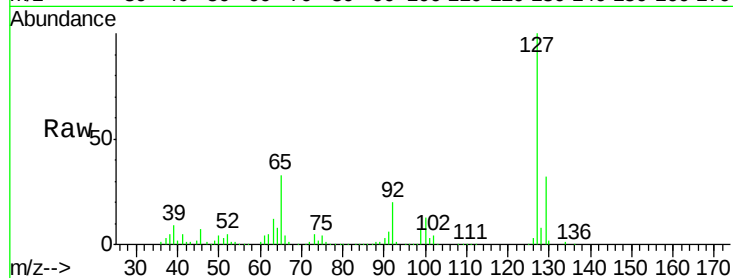




#33
4-Chloroaniline
Concen: 13.47 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

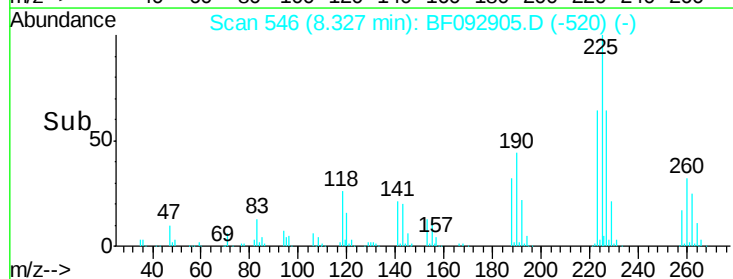
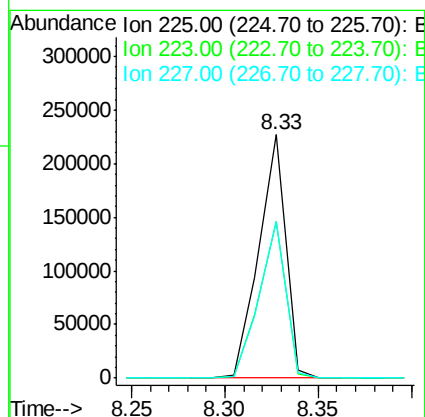
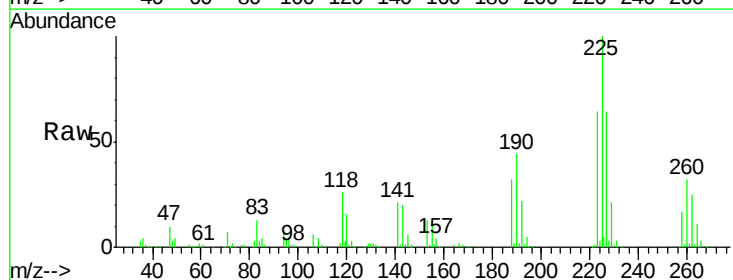
Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

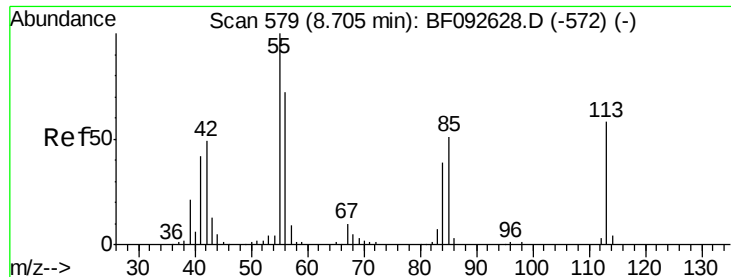
Tgt Ion:	127	Resp:	198804
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.3	39.5
65	33.0	25.8	38.8
92	19.9	16.1	24.1



#34
Hexachlorobutadiene
Concen: 35.93 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion:	225	Resp:	227052
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.0	76.6
227	64.4	50.6	76.0





#35

Caprolactam

Concen: 20.04 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

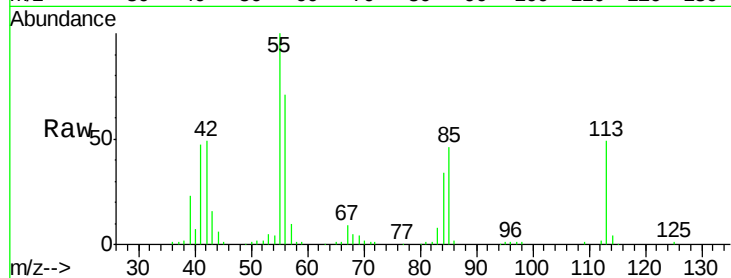
Tgt Ion:113 Resp: 67206

Ion Ratio Lower Upper

113 100

55 204.0 119.2 159.2#

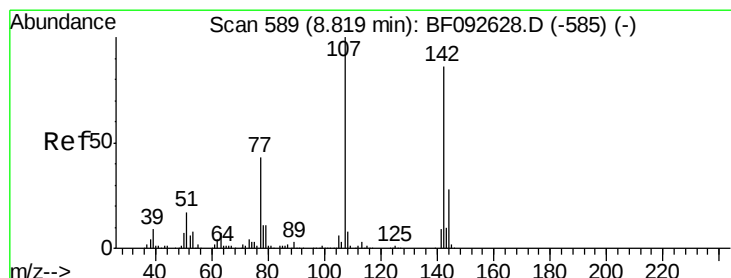
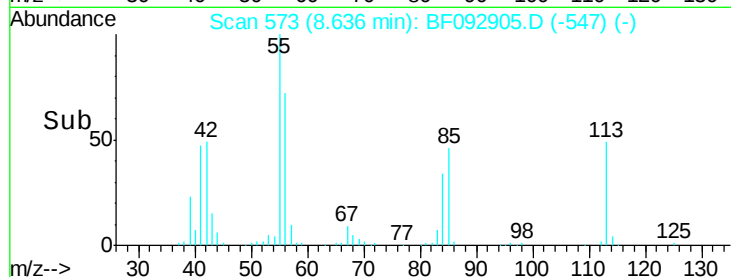
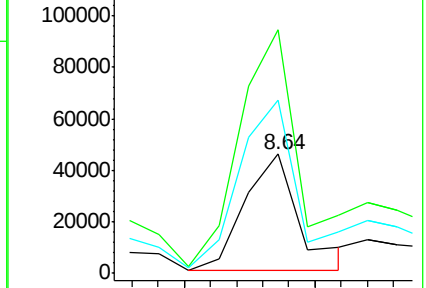
56 145.0 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.87 ng

RT: 8.75 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

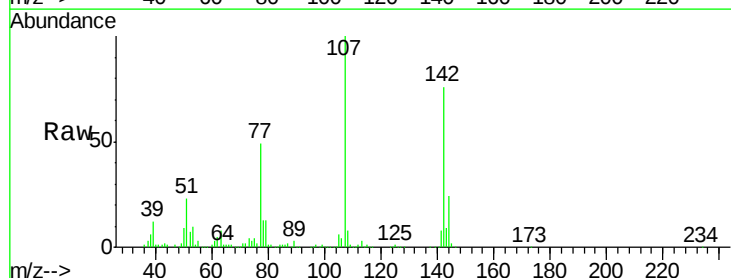
Tgt Ion:107 Resp: 398655

Ion Ratio Lower Upper

107 100

144 24.0 19.3 28.9

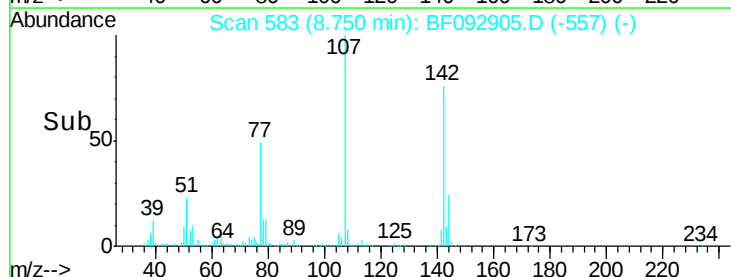
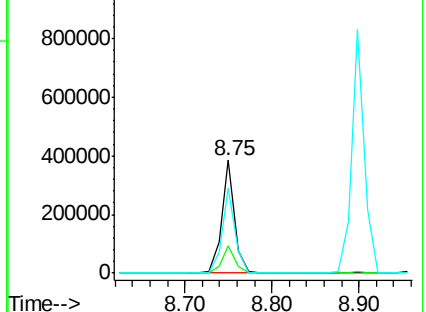
142 75.5 59.0 88.6

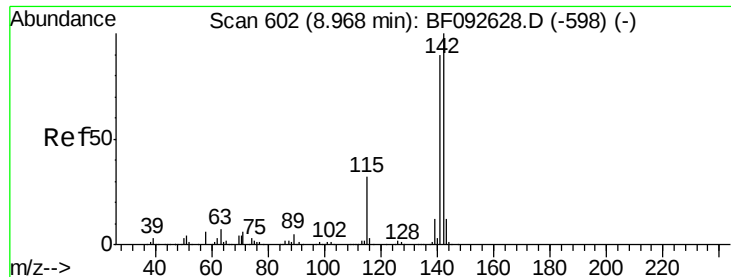


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

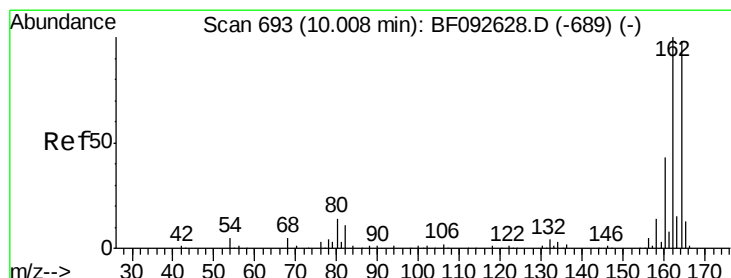
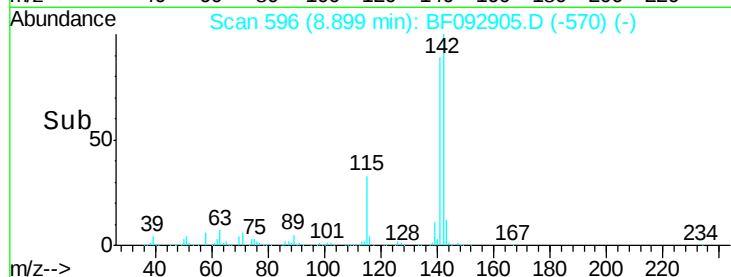
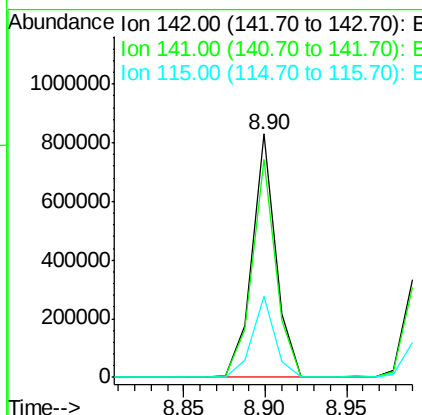
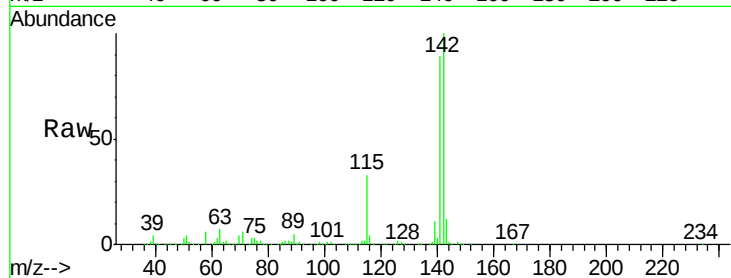




#37
 2-Methylnaphthalene
 Concen: 35.00 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

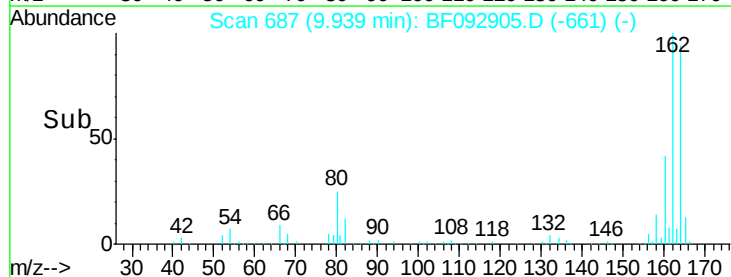
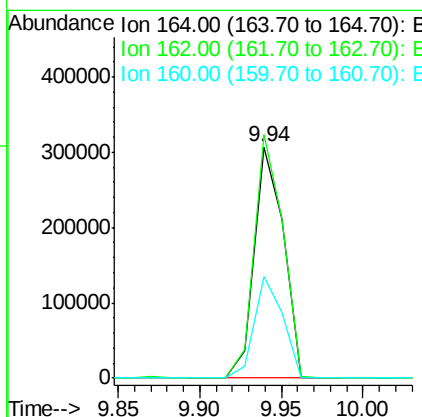
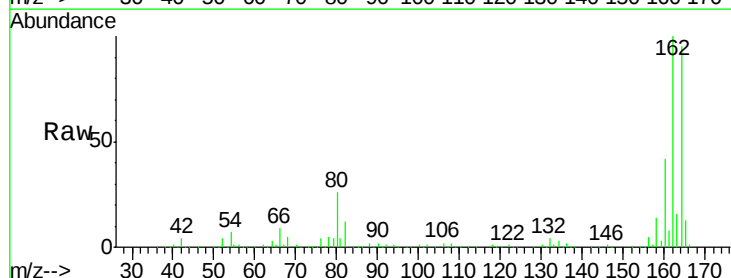
Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2MSD

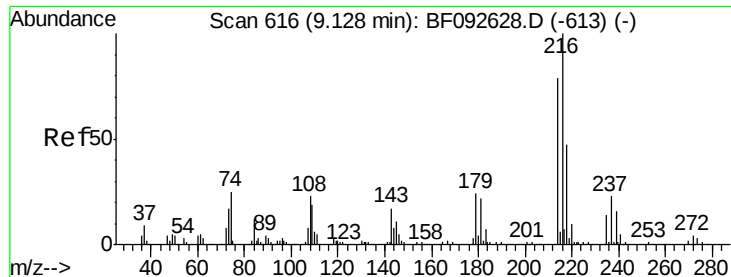
Tgt Ion:142 Resp: 845787
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.0 106.6
 115 33.3 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Tgt Ion:164 Resp: 382143
 Ion Ratio Lower Upper
 164 100
 162 105.2 80.2 120.2
 160 44.0 36.9 55.3

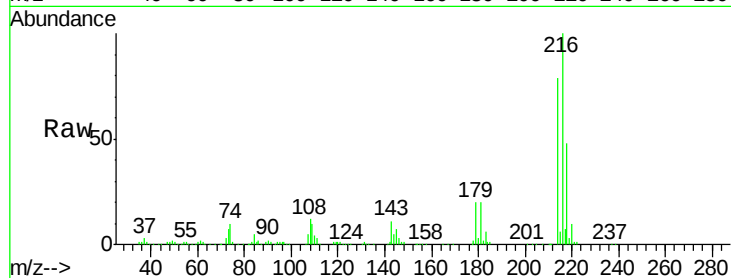




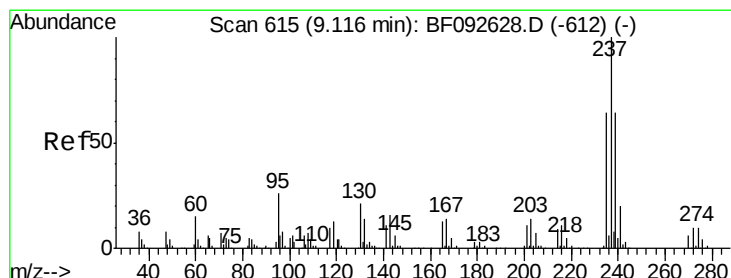
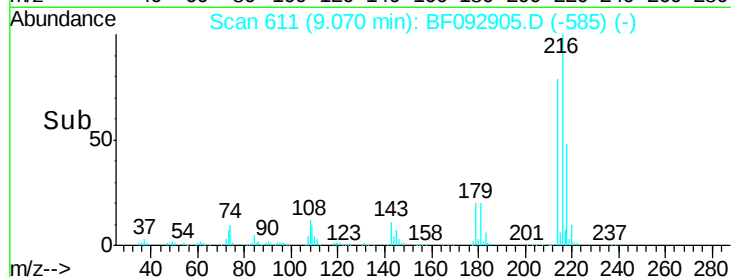
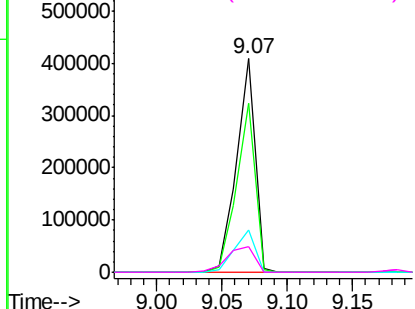
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.61 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2MSD

Tgt Ion:	216	Resp:	403453
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.0
179	21.8	17.4	26.2
108	17.9	15.6	23.4

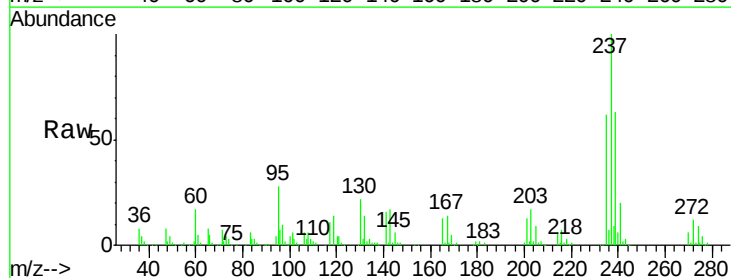


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

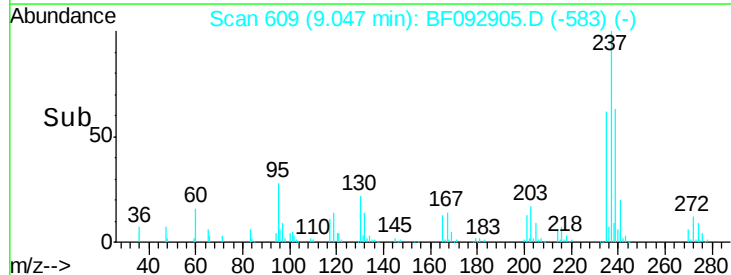
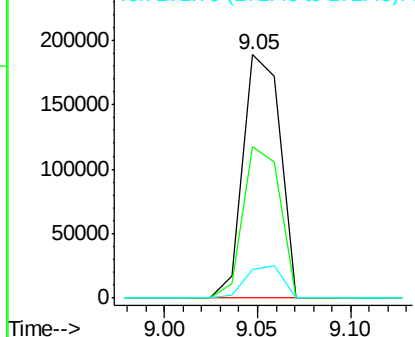


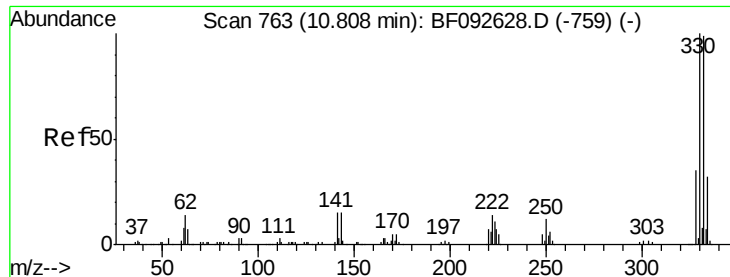
#40
 Hexachlorocyclopentadiene
 Concen: 53.64 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Tgt Ion:	237	Resp:	259599
Ion	Ratio	Lower	Upper
237	100		
235	62.2	41.2	81.2
272	11.7	0.0	35.4



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

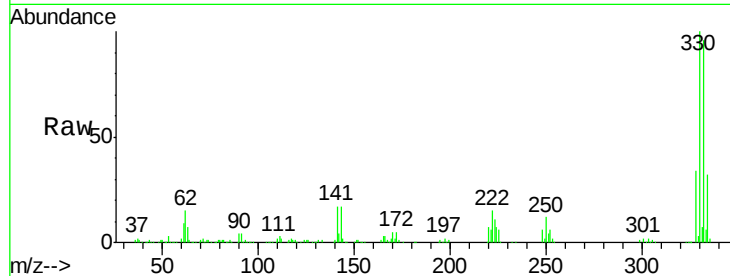




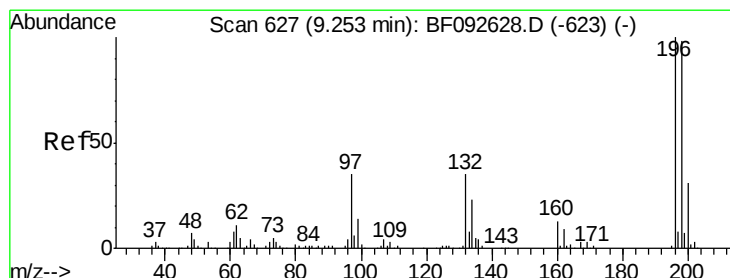
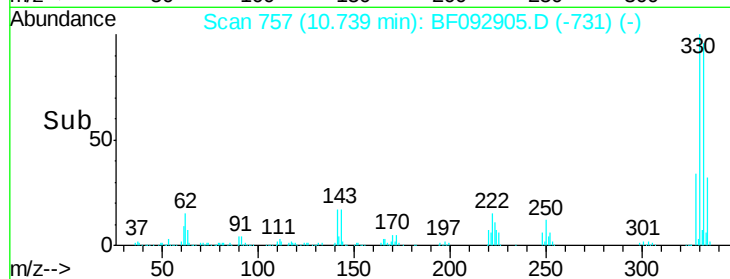
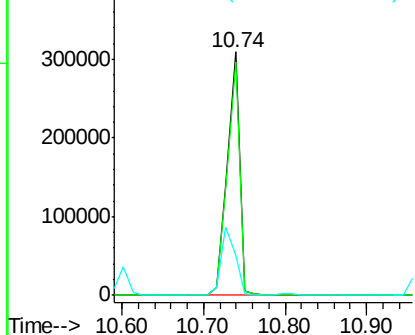
#41
 2,4,6-Tribromophenol
 Concen: 117.07 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2MSD

Tgt Ion:330 Resp: 323570
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 32.4 34.1 51.1#

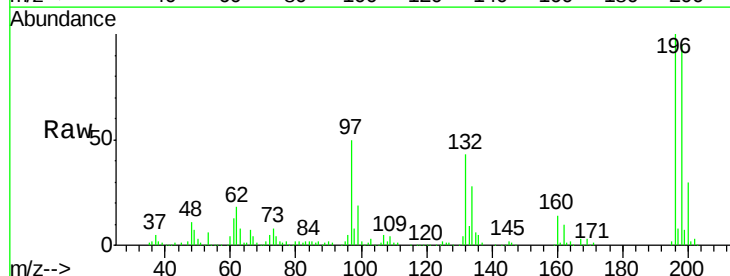


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

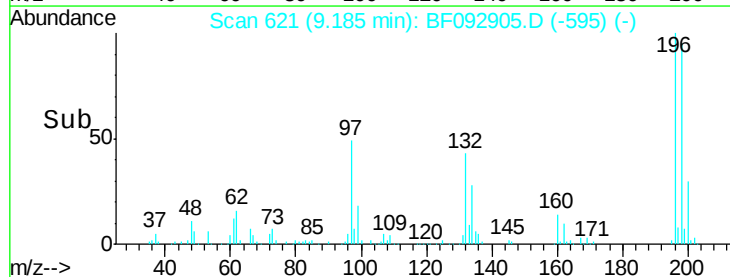
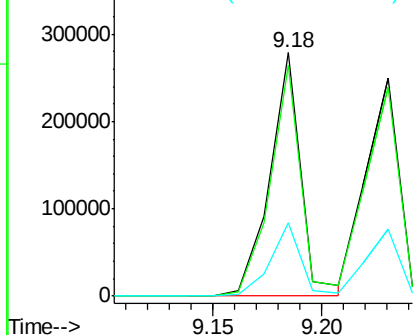


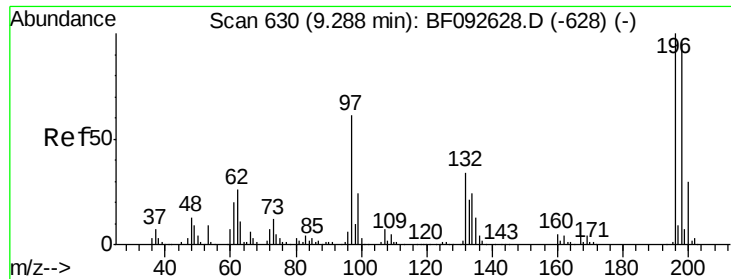
#42
 2,4,6-Trichlorophenol
 Concen: 39.45 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Tgt Ion:196 Resp: 278095
 Ion Ratio Lower Upper
 196 100
 198 94.7 82.1 123.1
 200 30.3 27.0 40.4



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

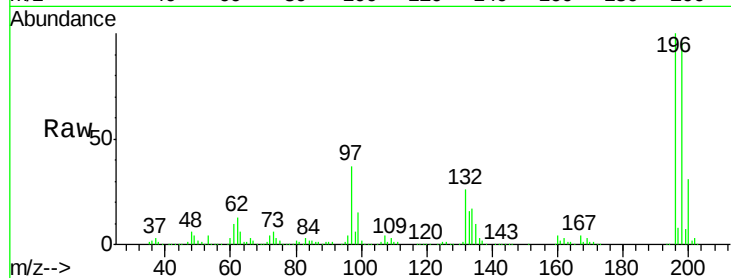




#43
 2,4,5-Trichlorophenol
 Concen: 34.65 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	79.4	119.2
97	37.5	51.5	77.3#
132	26.0	27.4	41.2#



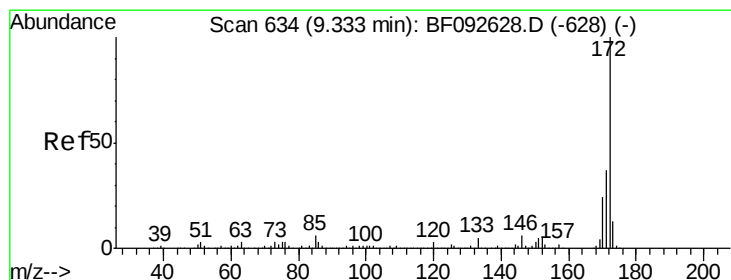
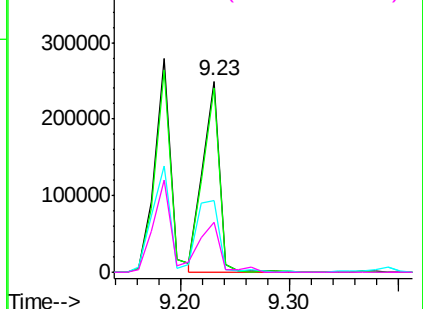
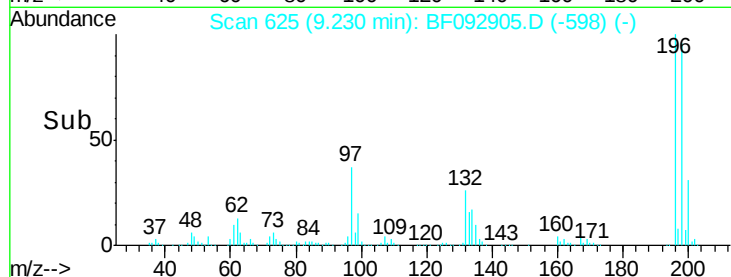
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

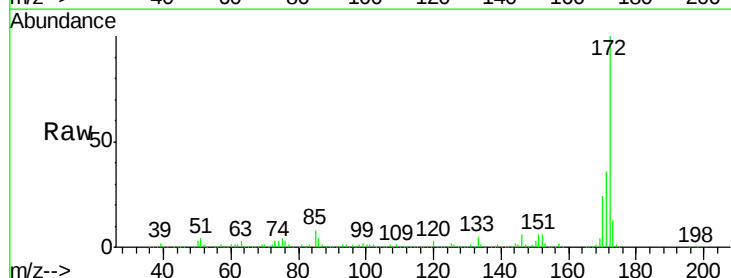
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.48 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.2	20.2	30.4

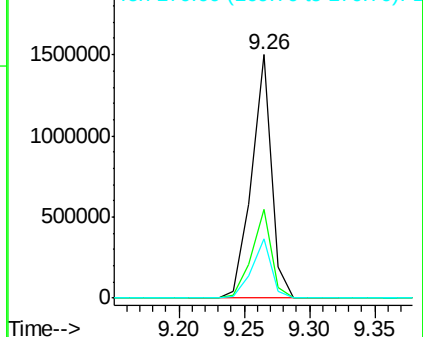
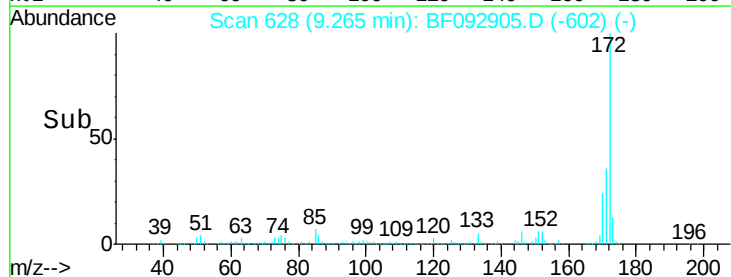


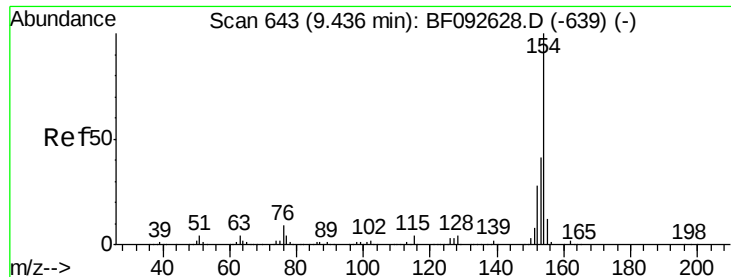
Abundance

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

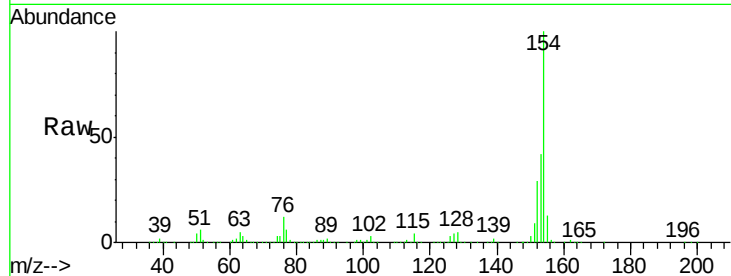




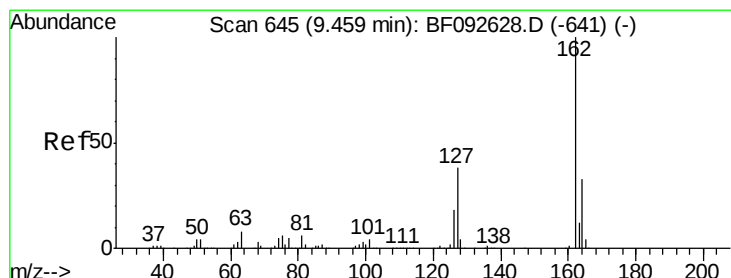
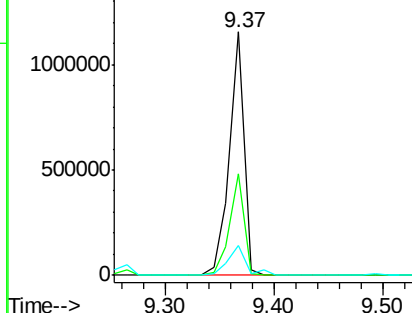
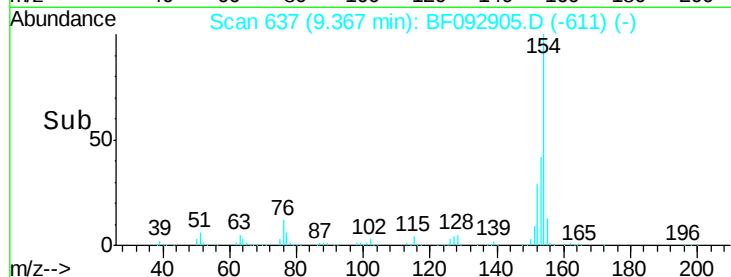
#45
 1,1'-Biphenyl
 Concen: 38.78 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2MSD

Tgt Ion:154 Resp: 1073012
 Ion Ratio Lower Upper
 154 100
 153 41.7 20.9 60.9
 76 12.1 0.0 30.5

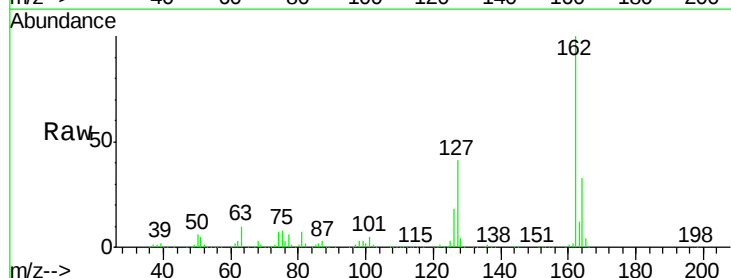


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

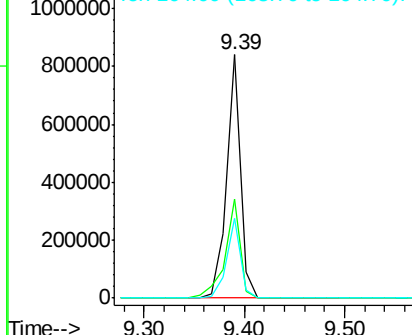
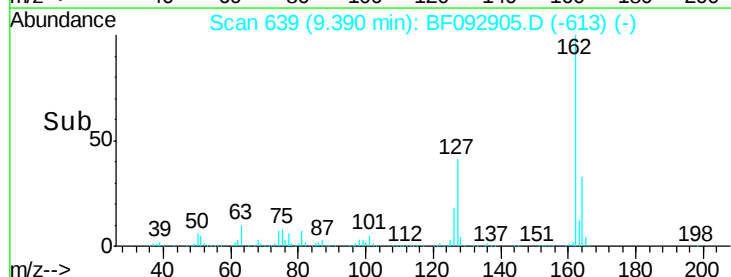


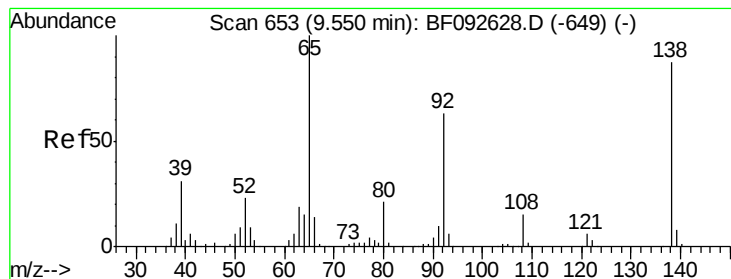
#46
 2-Chloronaphthalene
 Concen: 37.07 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Tgt Ion:162 Resp: 802488
 Ion Ratio Lower Upper
 162 100
 127 40.8 30.7 46.1
 164 32.9 27.6 41.4



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: 38.84 ng

RT: 9.49 min Scan# 648

Delta R.T. 0.01 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

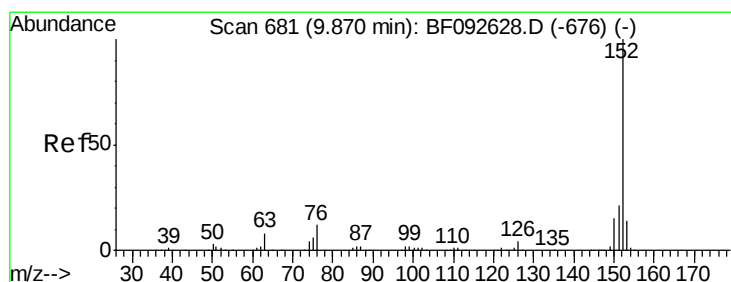
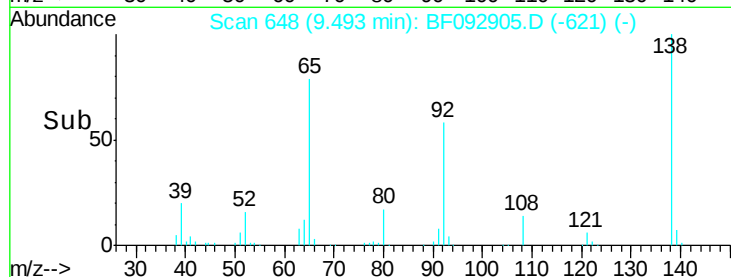
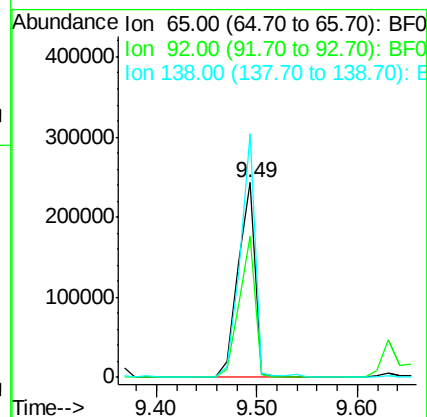
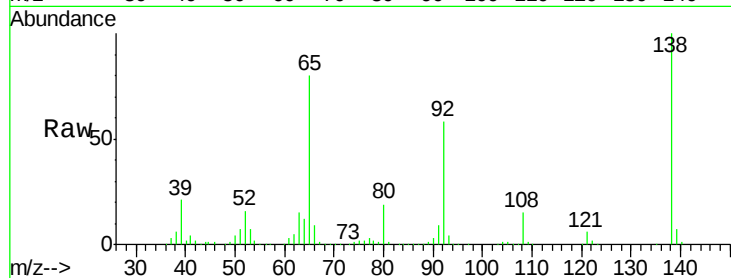
Tgt Ion: 65 Resp: 282684

Ion Ratio Lower Upper

65 100

92 72.9 53.9 80.9

138 125.1 76.8 115.2#



#48

Acenaphthylene

Concen: 34.23 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

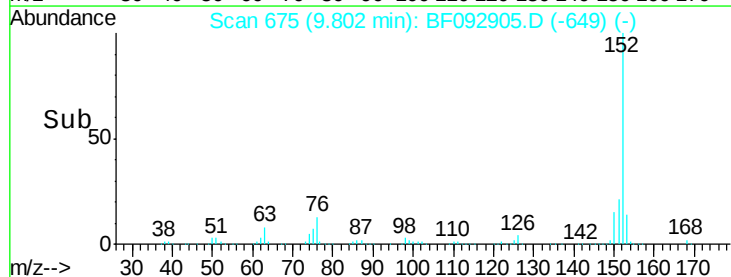
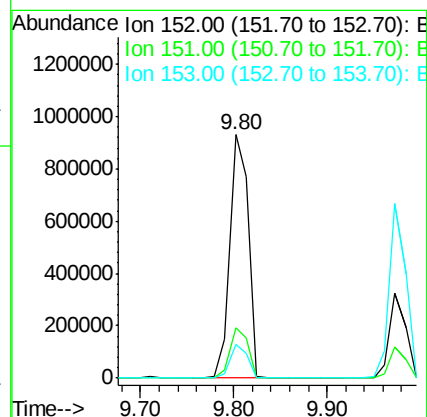
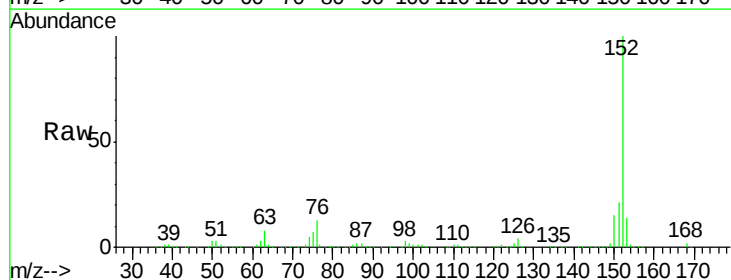
Tgt Ion: 152 Resp: 1279987

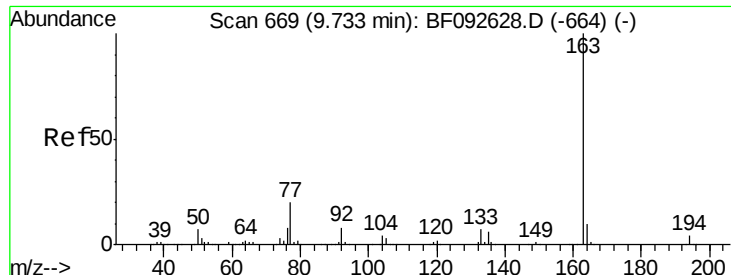
Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

153 13.7 11.4 17.2

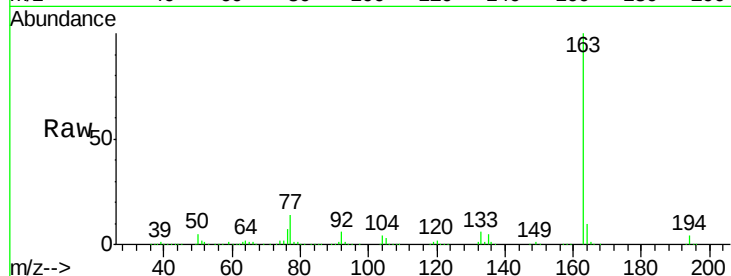




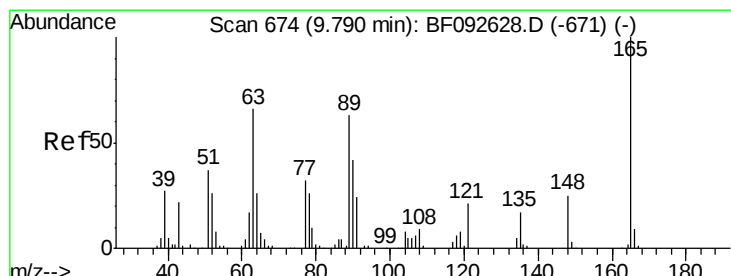
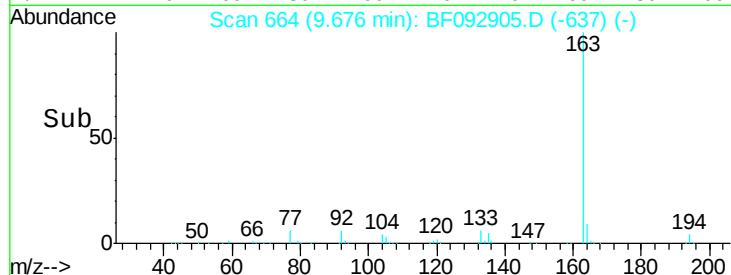
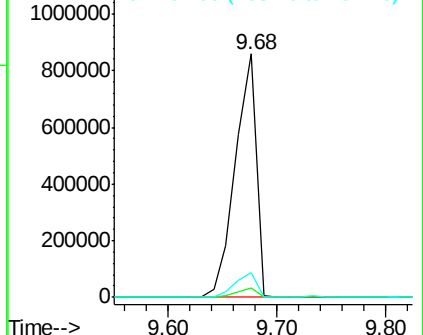
#49
Dimethylphthalate
Concen: 44.16 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.01 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion:163 Resp: 1136695
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.9 8.0 12.0

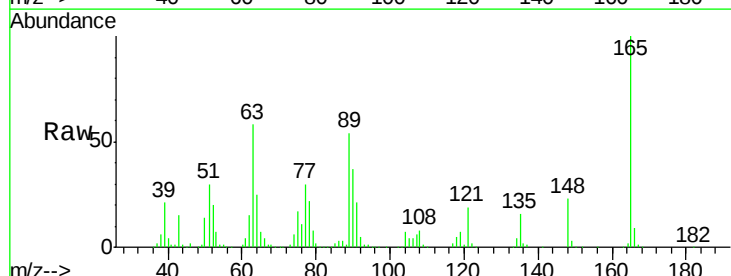


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

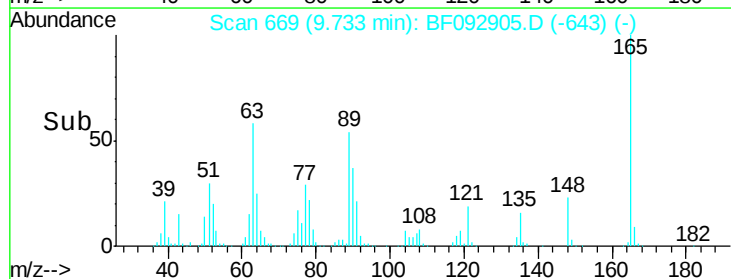
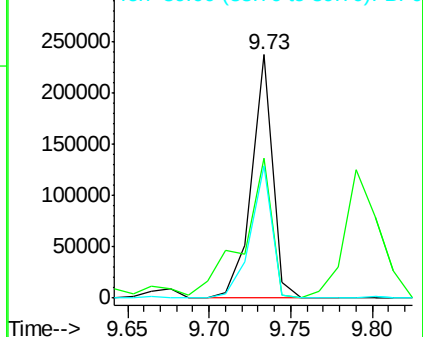


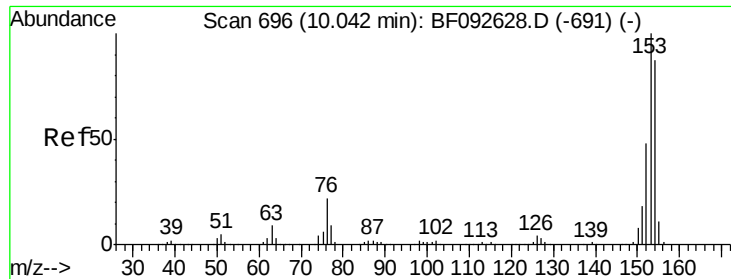
#50
2,6-Dinitrotoluene
Concen: 38.47 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion:165 Resp: 213835
Ion Ratio Lower Upper
165 100
63 57.7 36.2 54.4#
89 54.4 40.2 60.4



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

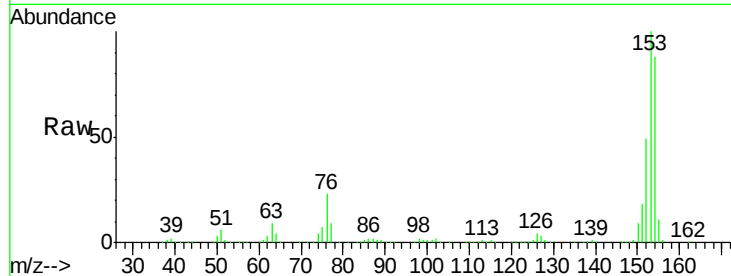




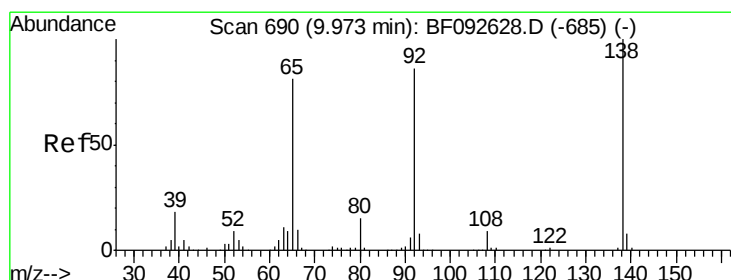
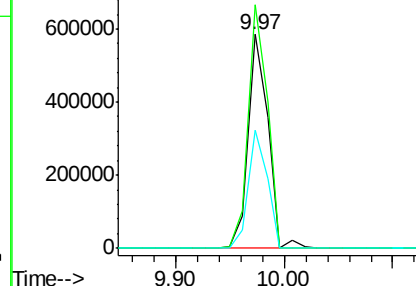
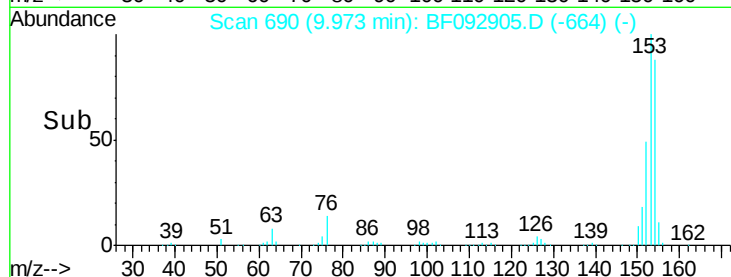
#51
Acenaphthene
Concen: 32.86 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion:154 Resp: 734645
Ion Ratio Lower Upper
154 100
153 114.0 88.6 133.0
152 55.6 41.6 62.4

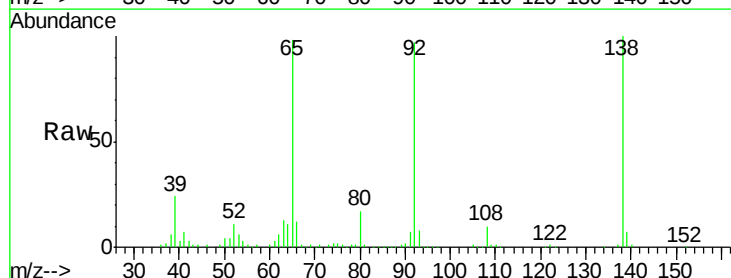


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

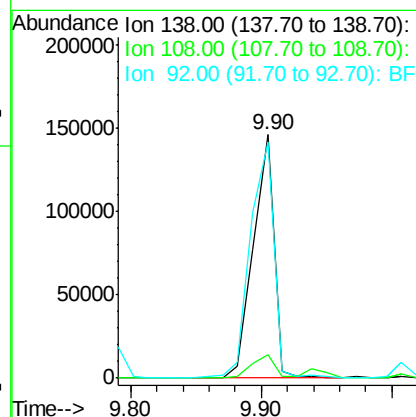
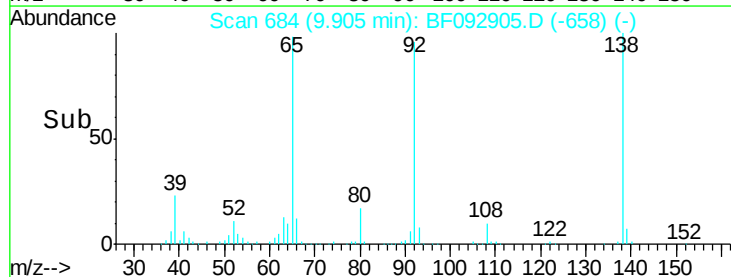


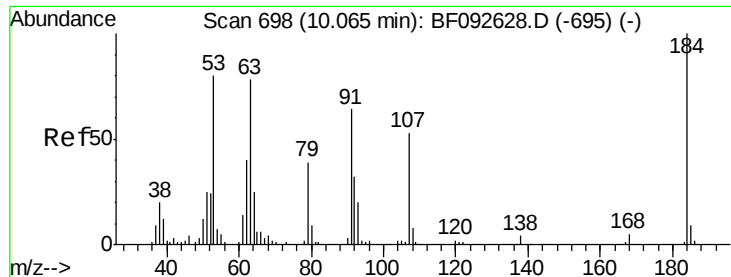
#52
3-Nitroaniline
Concen: 25.47 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion:138 Resp: 162041
Ion Ratio Lower Upper
138 100
108 9.5 8.5 12.7
92 96.9 97.8 146.8#



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

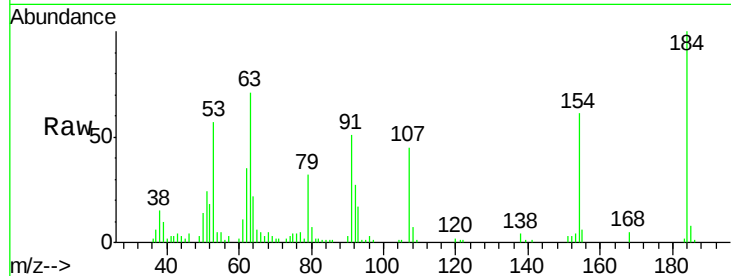




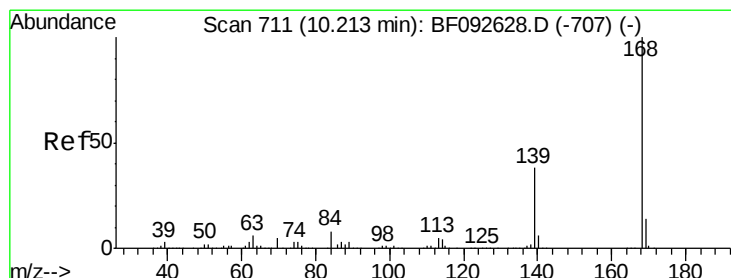
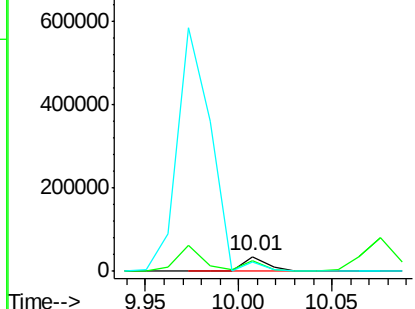
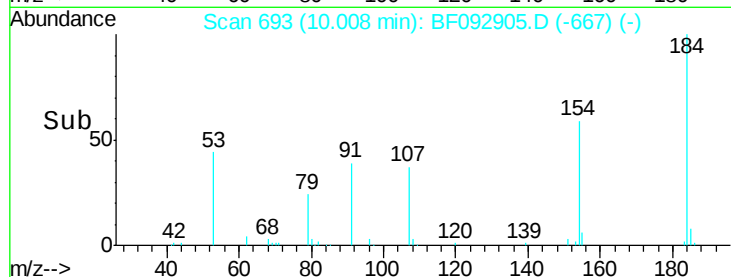
#53
2,4-Dinitrophenol
Concen: 15.94 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

Tgt Ion:184 Resp: 33686
Ion Ratio Lower Upper
184 100
63 71.2 28.4 42.6#
154 60.8 44.3 66.5

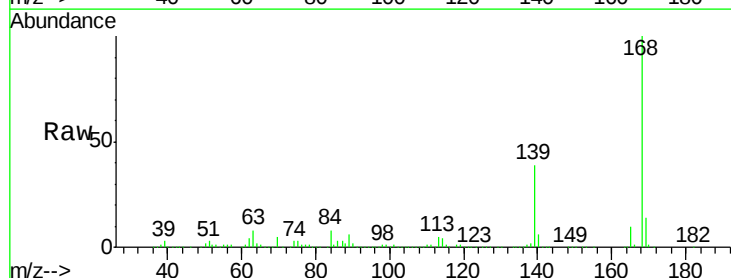


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

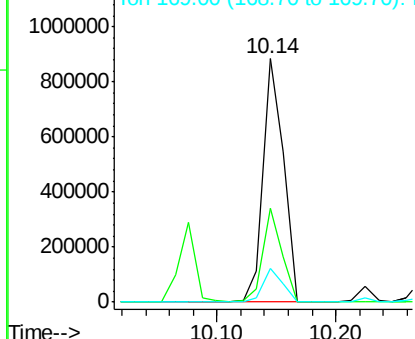
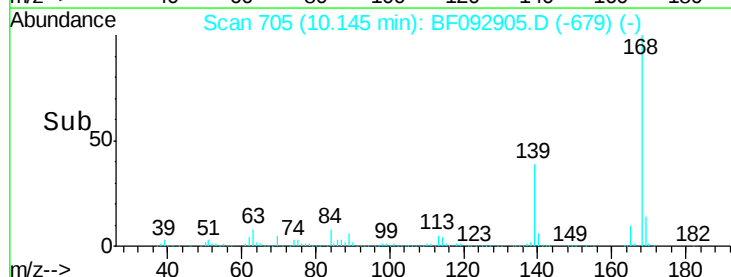


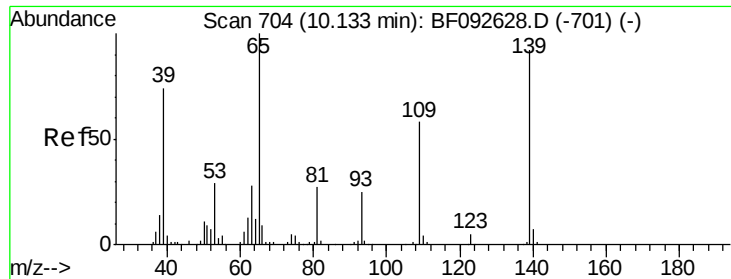
#54
Dibenzofuran
Concen: 35.70 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion:168 Resp: 1067555
Ion Ratio Lower Upper
168 100
139 38.7 32.6 49.0
169 13.8 11.3 16.9



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





#55

4-Nitrophenol

Concen: 62.73 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

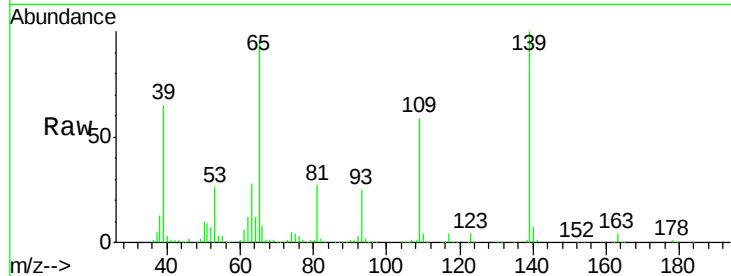
Tgt Ion:139 Resp: 287417

Ion Ratio Lower Upper

139 100

109 58.5 52.2 92.2

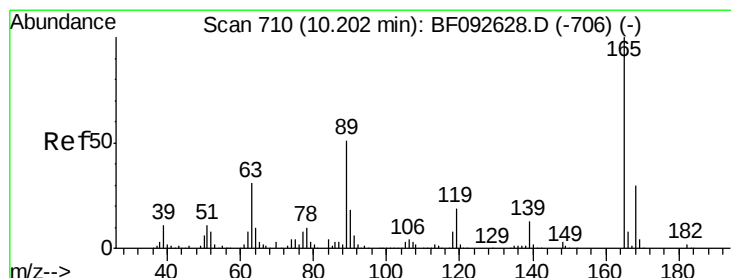
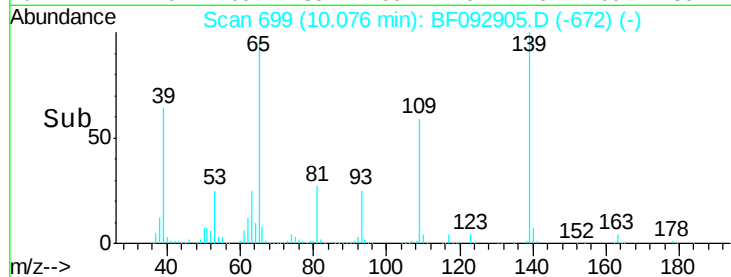
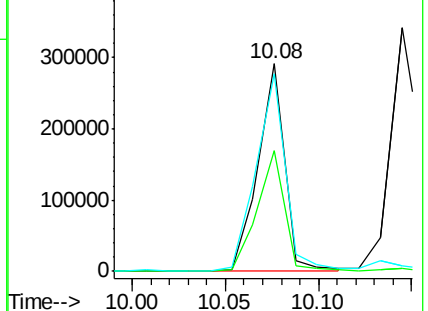
65 95.6 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 33.71 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Tgt Ion:165 Resp: 249466

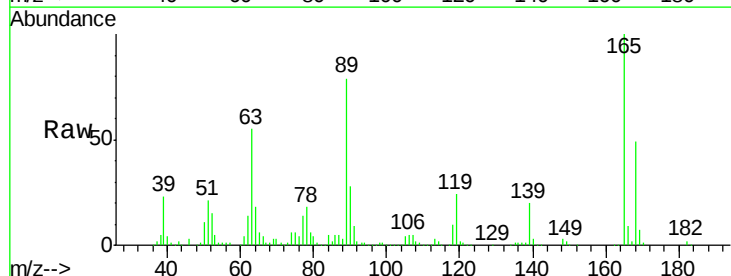
Ion Ratio Lower Upper

165 100

63 55.5 40.2 60.4

89 78.5 62.5 93.7

182 2.2 1.8 2.8

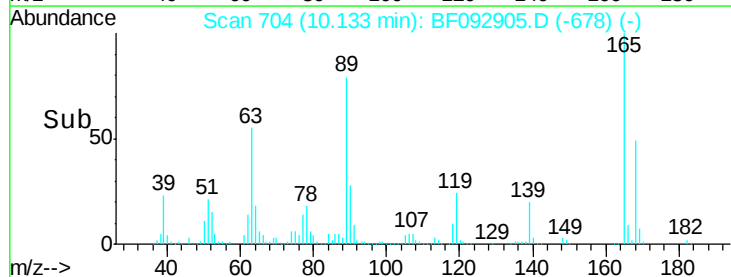
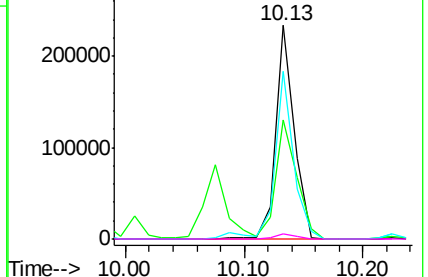


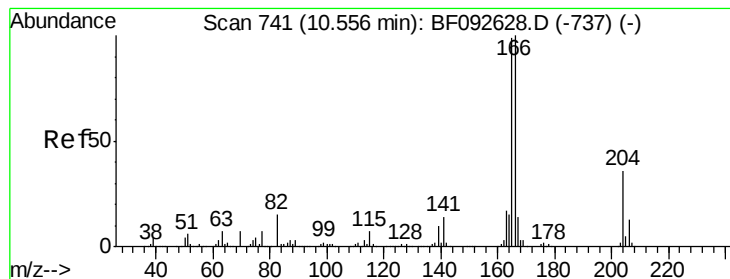
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 32.67 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

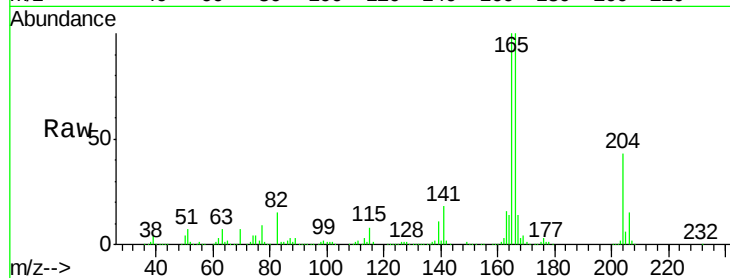
Tgt Ion:166 Resp: 751528

Ion Ratio Lower Upper

166 100

165 100.3 77.8 116.8

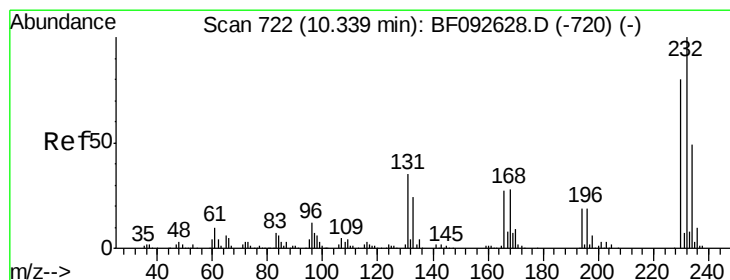
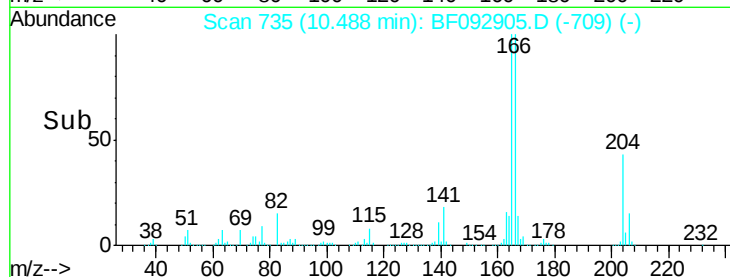
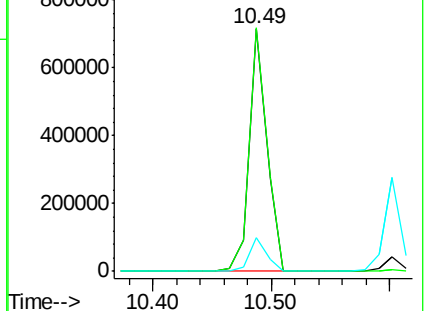
167 13.8 10.8 16.2



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: 40.07 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Tgt Ion:232 Resp: 206459

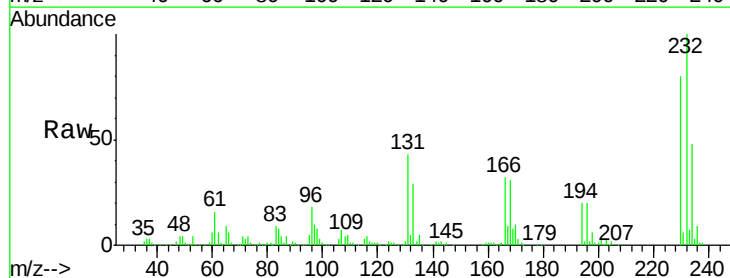
Ion Ratio Lower Upper

232 100

131 47.1 40.1 60.1

130 2.3 1.8 2.8

166 32.9 26.6 39.8

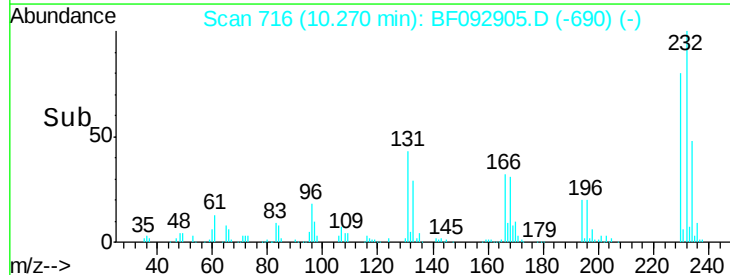
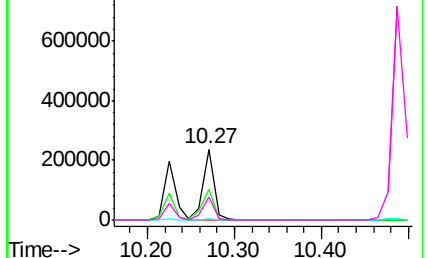


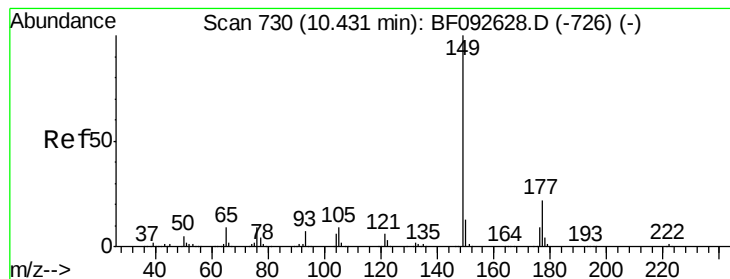
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.60 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

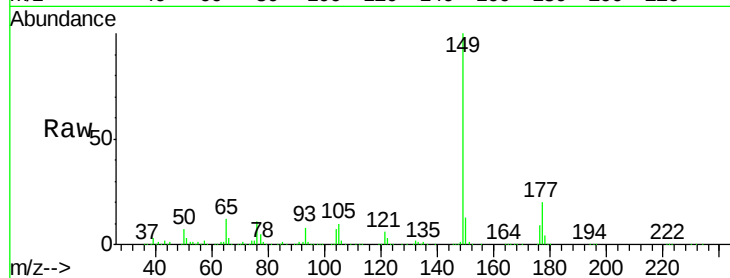
Tgt Ion:149 Resp: 912072

Ion Ratio Lower Upper

149 100

177 20.3 16.6 25.0

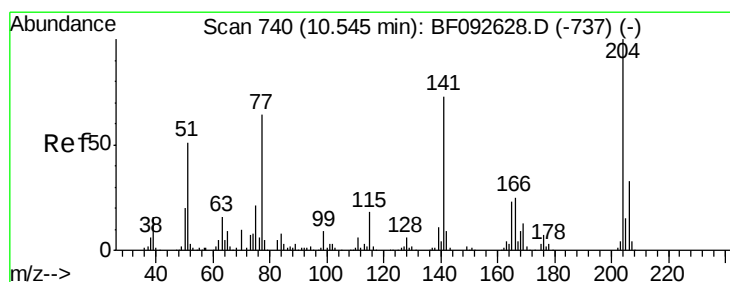
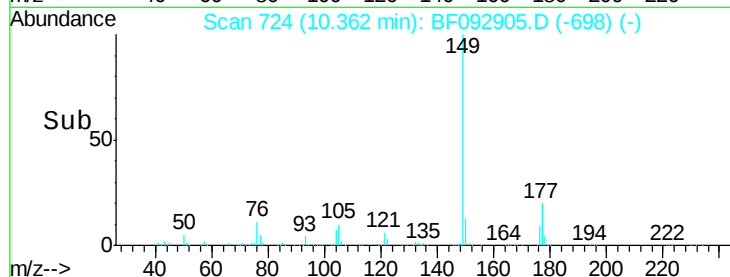
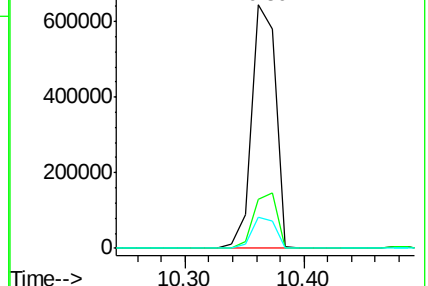
150 12.6 10.4 15.6



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: 34.40 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

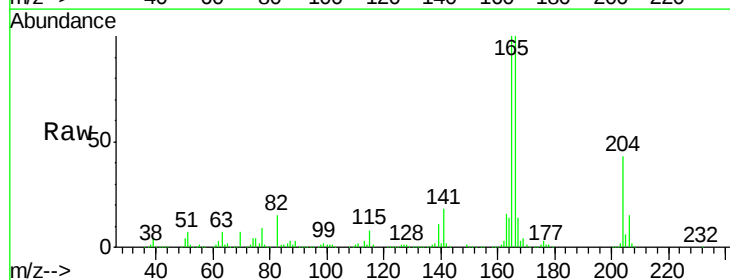
Tgt Ion:204 Resp: 380234

Ion Ratio Lower Upper

204 100

206 35.3 25.8 38.6

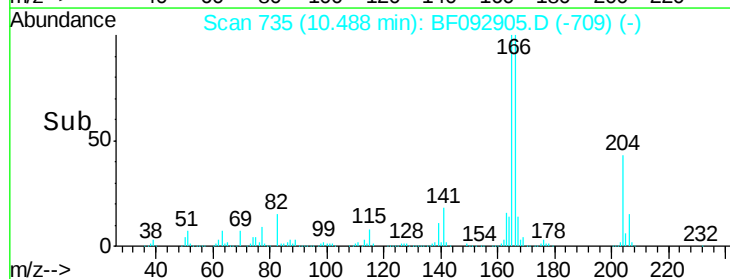
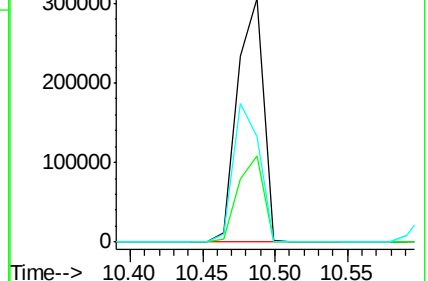
141 43.1 59.4 89.0#

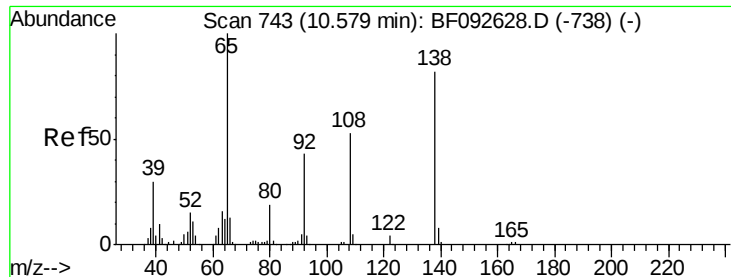


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.51 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

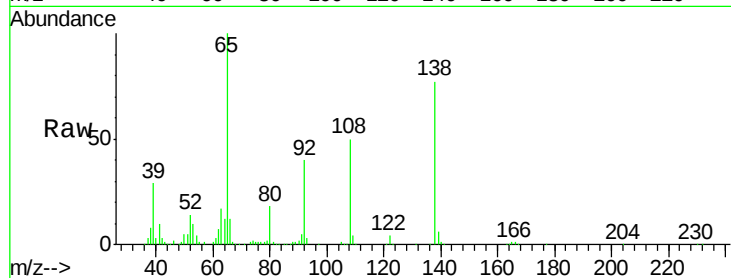
Tgt Ion:138 Resp: 205325

Ion Ratio Lower Upper

138 100

92 52.2 31.7 71.7

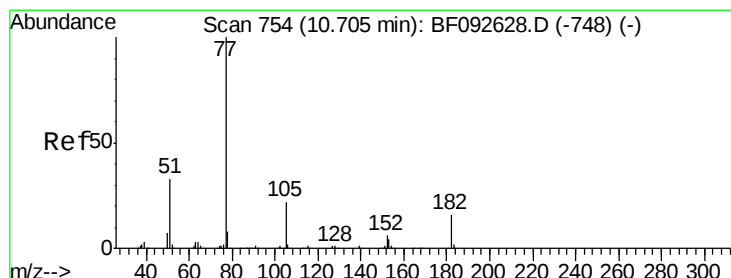
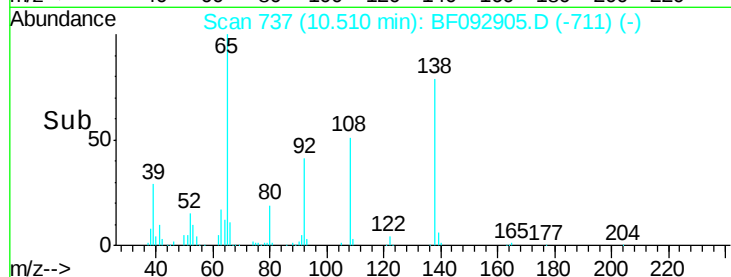
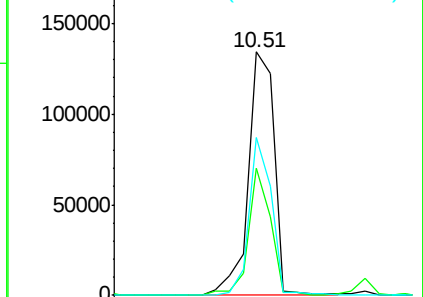
108 64.8 52.6 92.6



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: 38.07 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Tgt Ion: 77 Resp: 954038

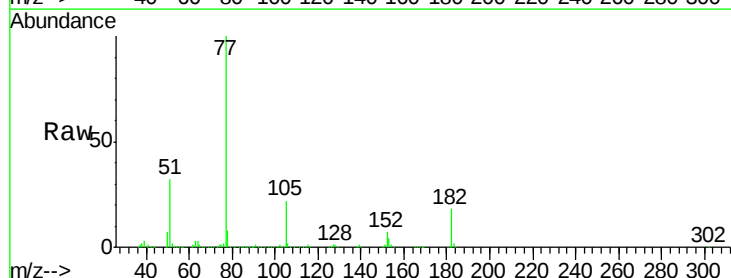
Ion Ratio Lower Upper

77 100

182 17.8 0.0 39.3

105 21.8 2.3 42.3

51 32.4 8.9 48.9

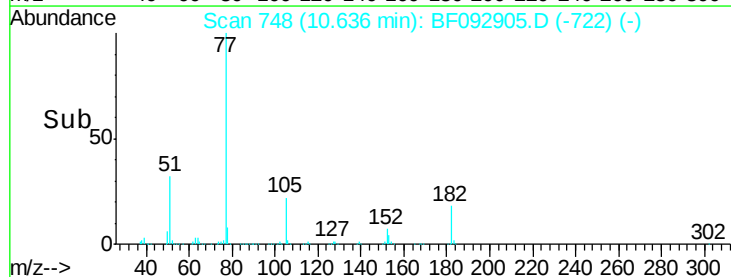
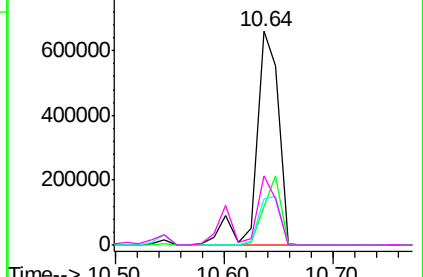


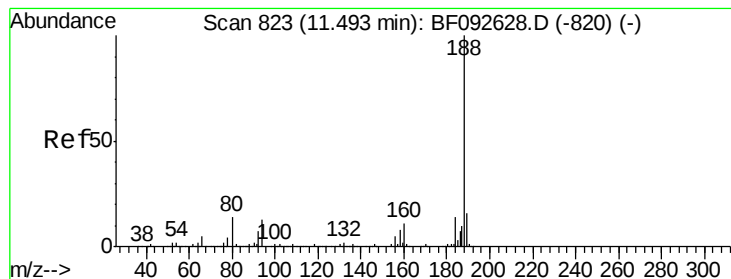
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

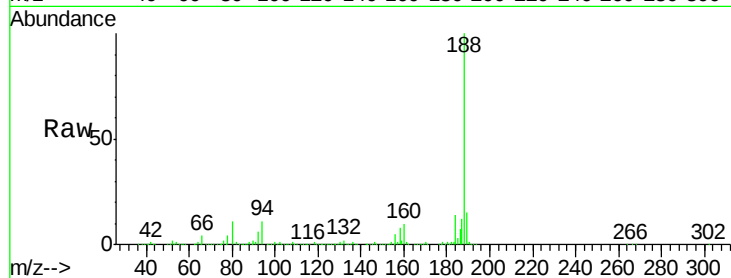
Tgt Ion:188 Resp: 592878

Ion Ratio Lower Upper

188 100

94 11.4 10.0 15.0

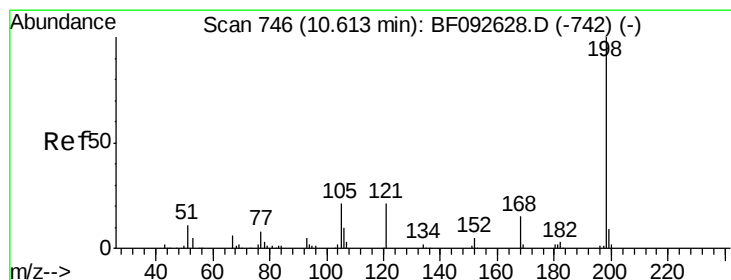
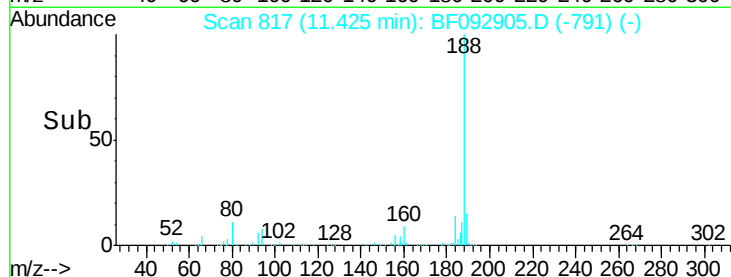
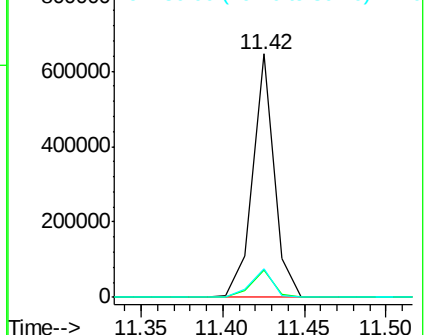
80 11.5 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 20.10 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

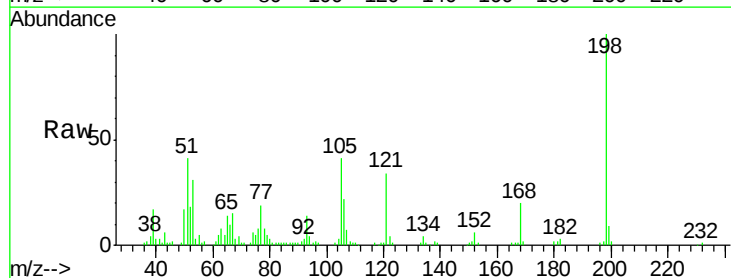
Tgt Ion:198 Resp: 66609

Ion Ratio Lower Upper

198 100

51 40.9 6.7 46.7

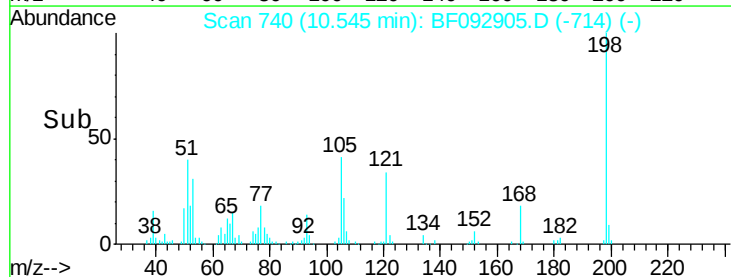
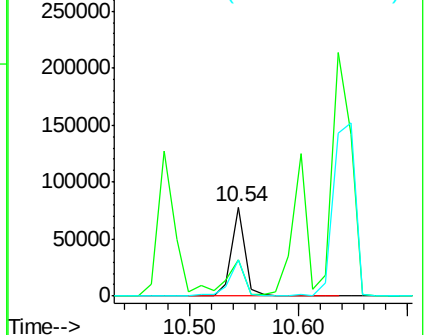
105 40.6 16.6 56.6

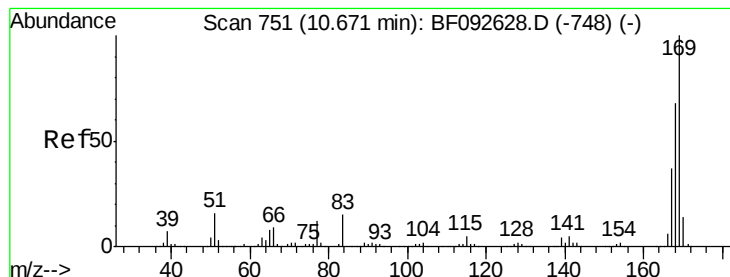


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

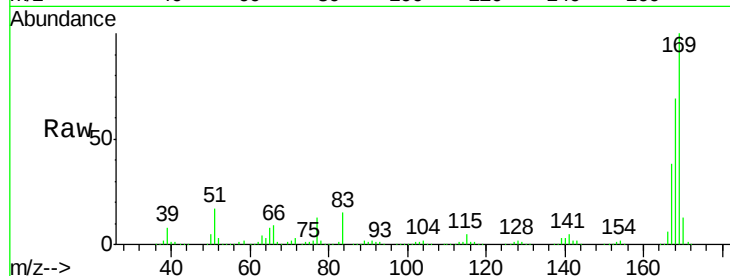




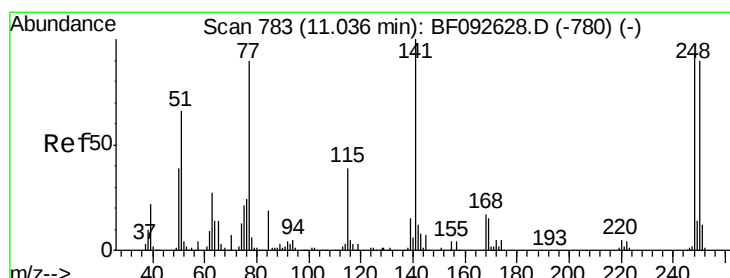
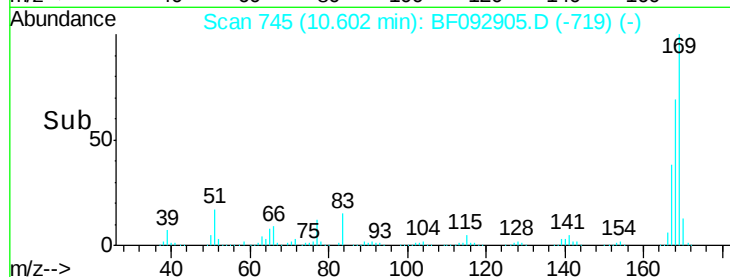
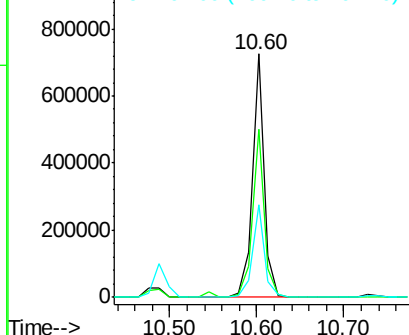
#65
 n-Nitrosodiphenylamine
 Concen: 36.40 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2MSD

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.9	54.2	81.2
167	38.2	30.2	45.4

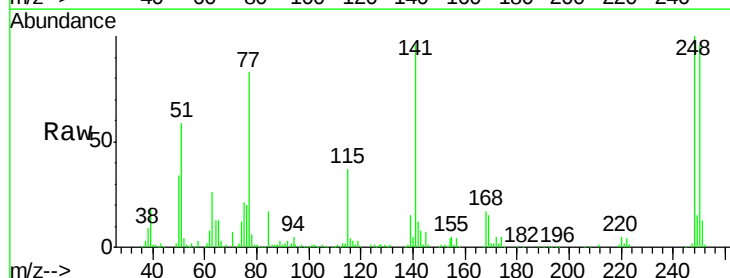


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

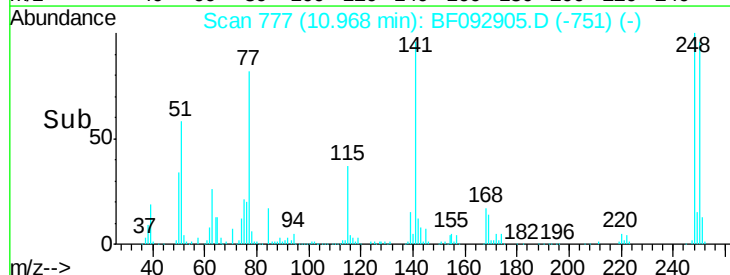
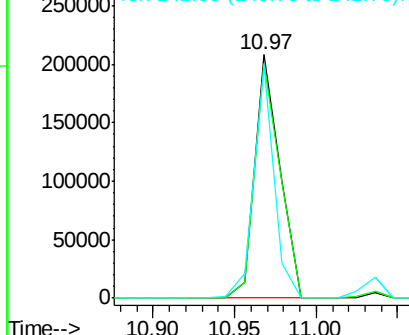


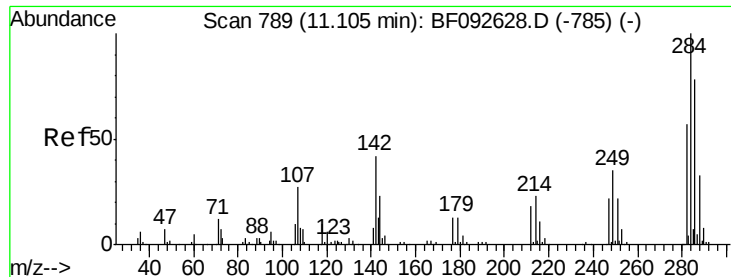
#66
 4-Bromophenyl-phenylether
 Concen: 35.78 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.9	115.3
141	95.8	68.2	102.4



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

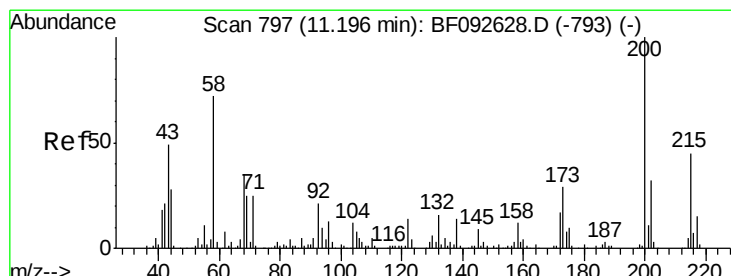
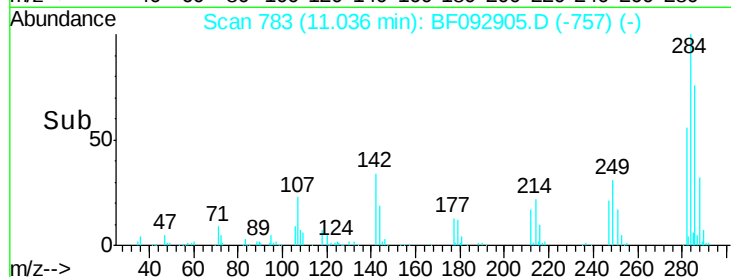
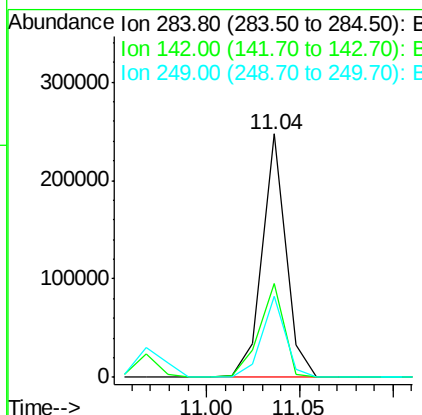
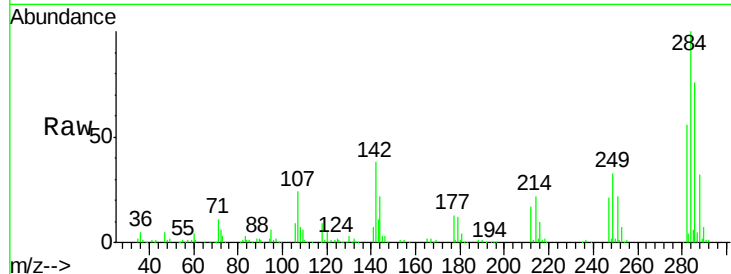




#67
Hexachlorobenzene
Concen: 35.43 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

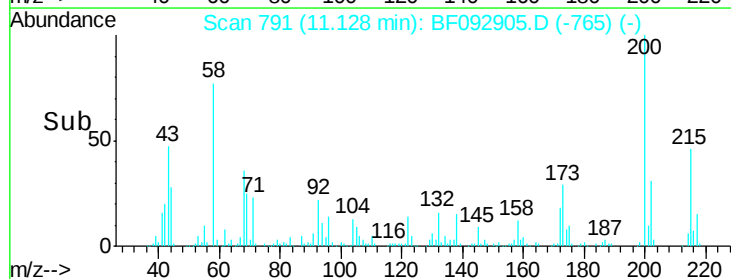
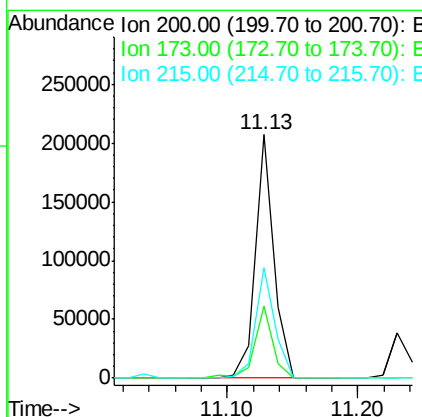
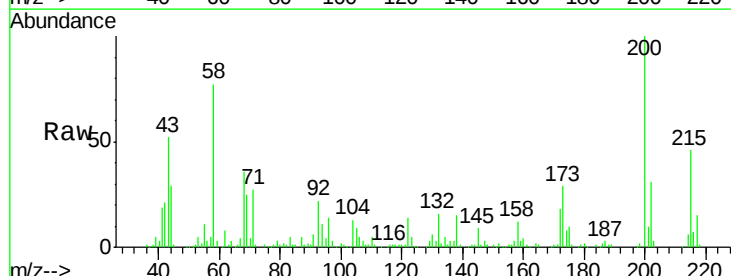
Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

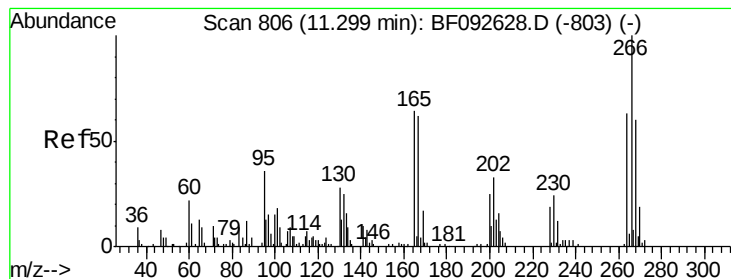
Tgt Ion: 284 Resp: 216897
Ion Ratio Lower Upper
284 100
142 38.3 22.6 33.8#
249 33.2 25.4 38.0



#68
Atrazine
Concen: 33.73 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion: 200 Resp: 204994
Ion Ratio Lower Upper
200 100
173 29.4 9.6 49.6
215 45.6 25.7 65.7





#69

Pentachlorophenol

Concen: 63.17 ng

RT: 11.23 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

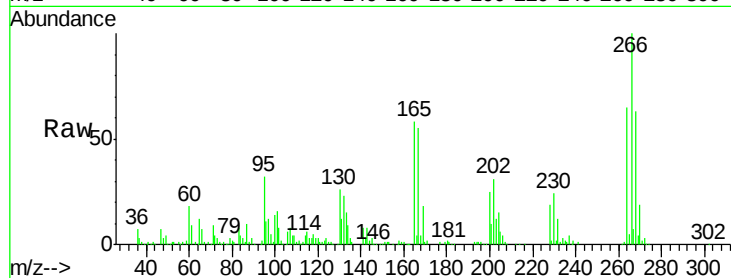
Tgt Ion:266 Resp: 194355

Ion Ratio Lower Upper

266 100

268 63.4 53.3 79.9

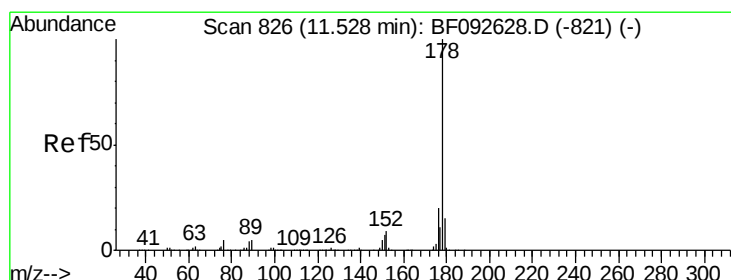
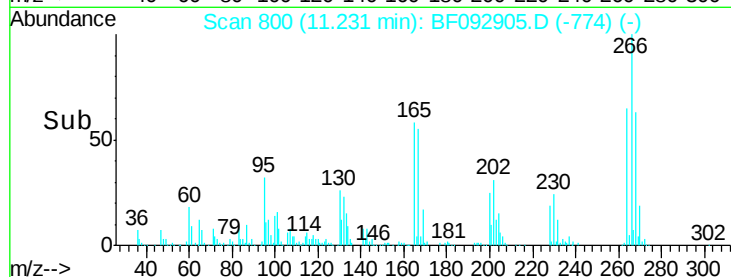
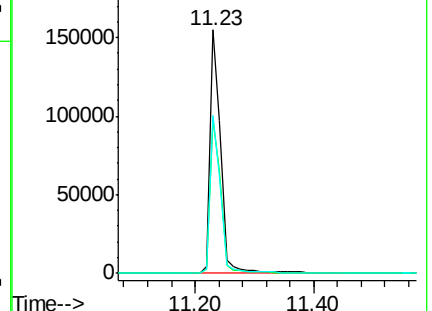
264 65.0 50.3 75.5



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: 35.16 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

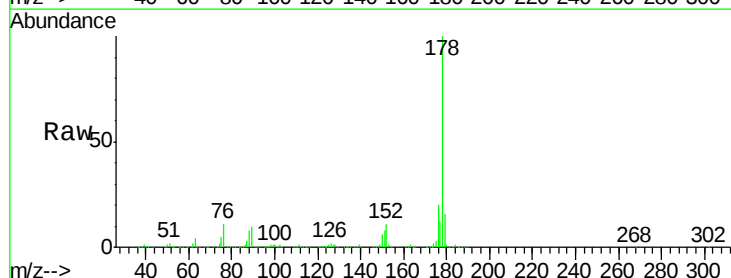
Tgt Ion:178 Resp: 1194235

Ion Ratio Lower Upper

178 100

176 19.8 16.6 25.0

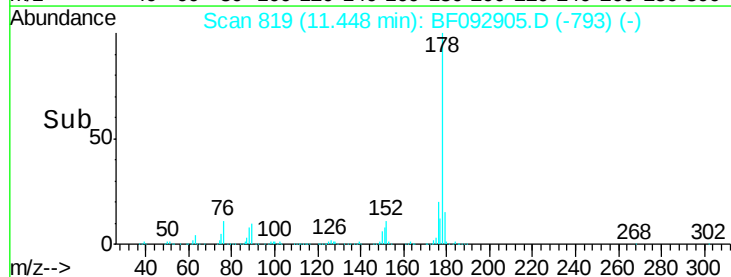
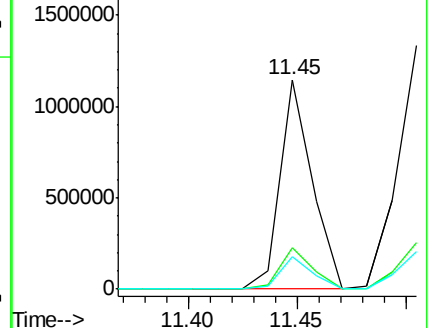
179 15.5 12.8 19.2

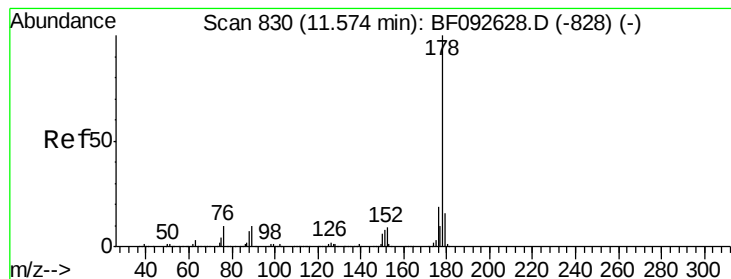


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 37.64 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

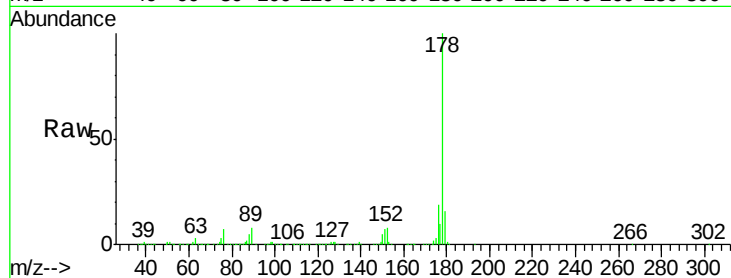
Tgt Ion:178 Resp: 1284021

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

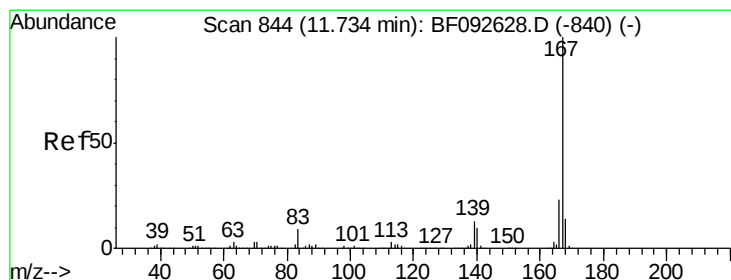
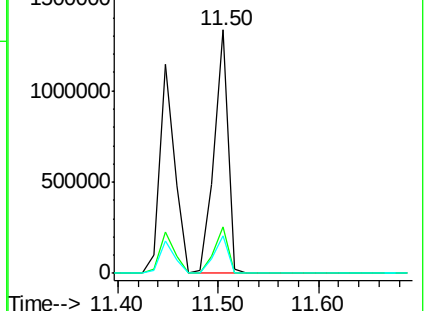
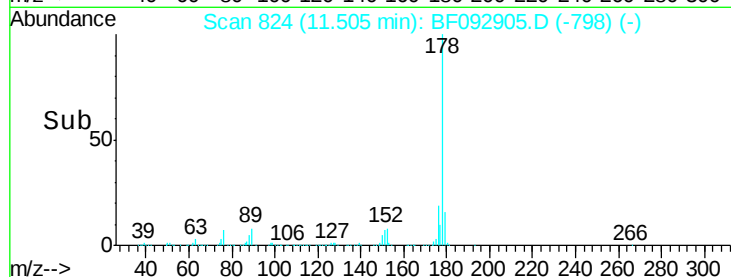
179 15.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 33.17 ng

RT: 11.66 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

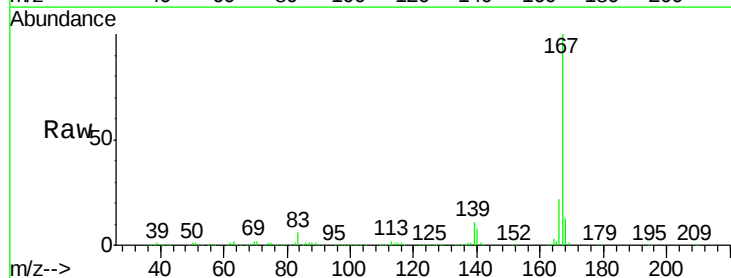
Tgt Ion:167 Resp: 1081570

Ion Ratio Lower Upper

167 100

166 21.8 18.2 27.2

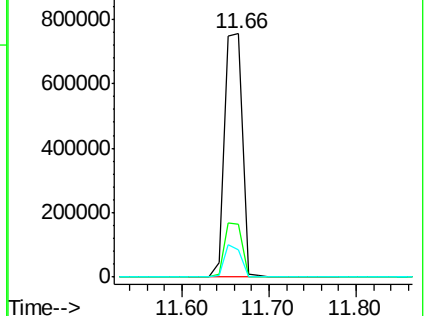
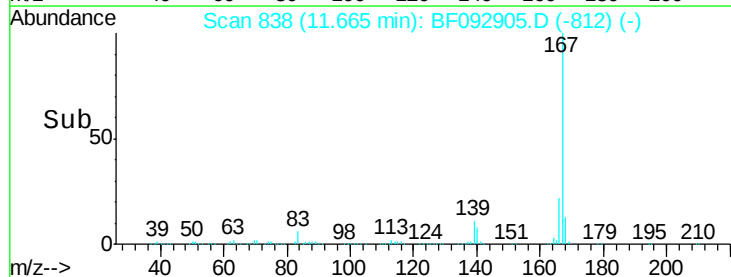
139 11.1 11.4 17.2#

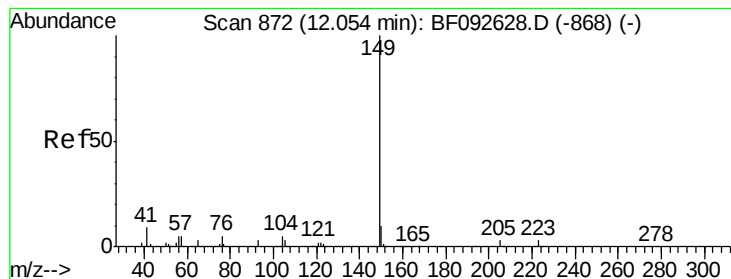


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.70 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

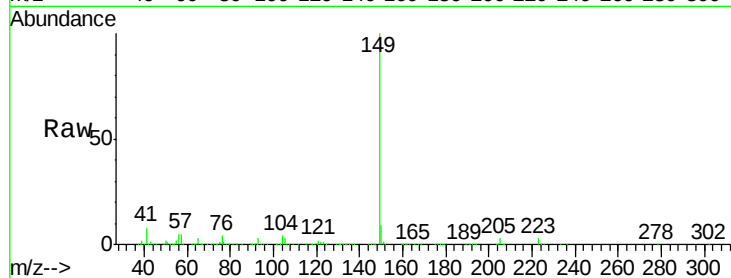
Tgt Ion:149 Resp: 1329271

Ion Ratio Lower Upper

149 100

150 9.3 8.1 12.1

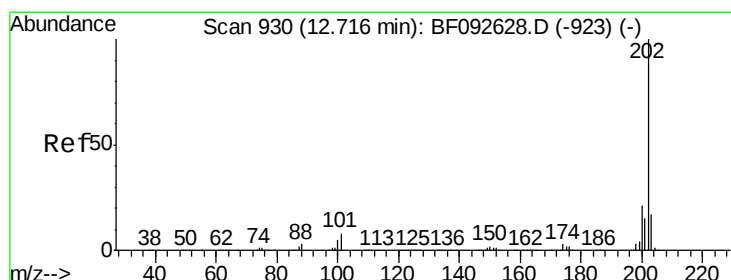
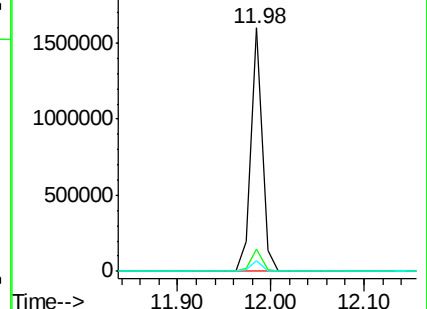
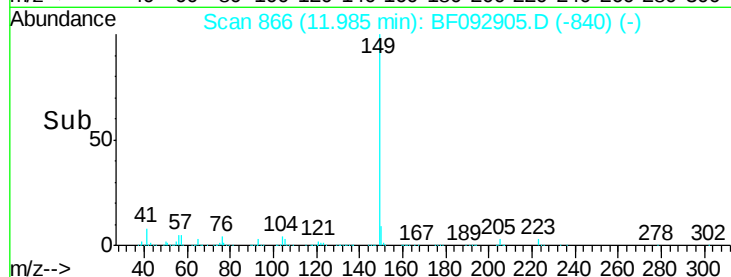
104 4.4 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.08 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

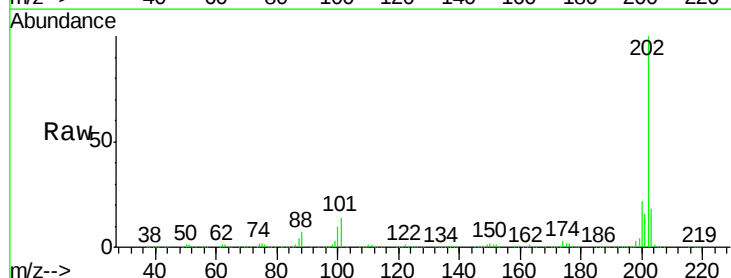
Tgt Ion:202 Resp: 1194182

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.6

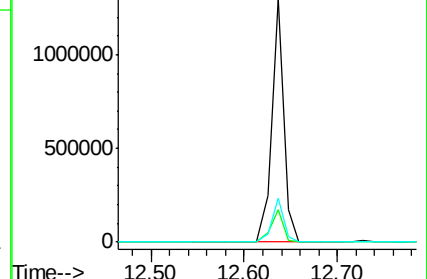
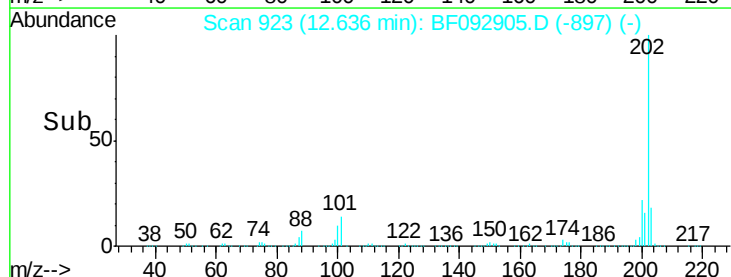
203 17.9 0.0 38.7

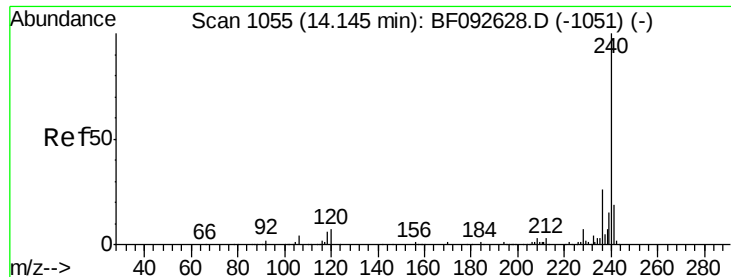


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

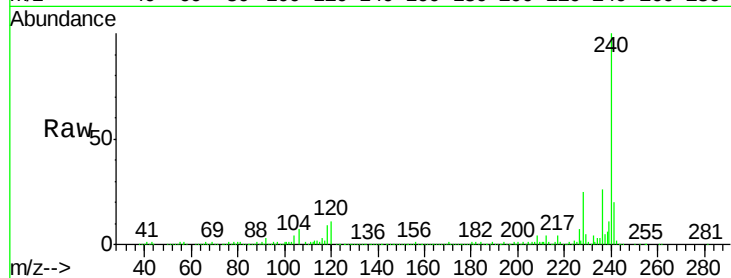
Tgt Ion:240 Resp: 407132

Ion Ratio Lower Upper

240 100

120 11.0 12.9 19.3#

236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

600000

500000

400000

300000

200000

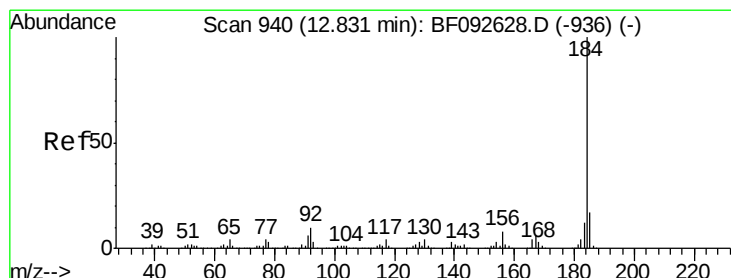
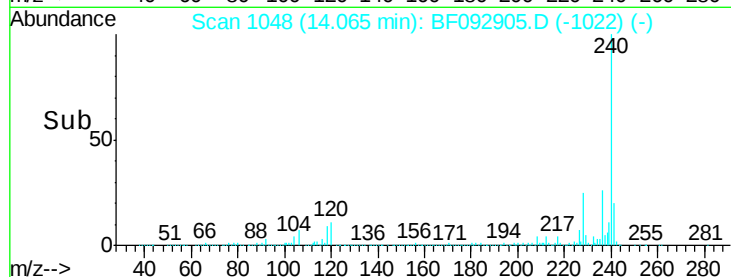
100000

0

14.07

14.00 14.10 14.20

Time-->



#76

Benzidine

Concen: 15.66 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

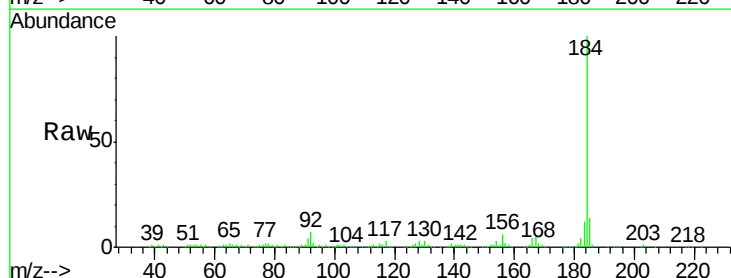
Tgt Ion:184 Resp: 271606

Ion Ratio Lower Upper

184 100

185 13.8 13.4 20.0

183 12.2 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

300000

200000

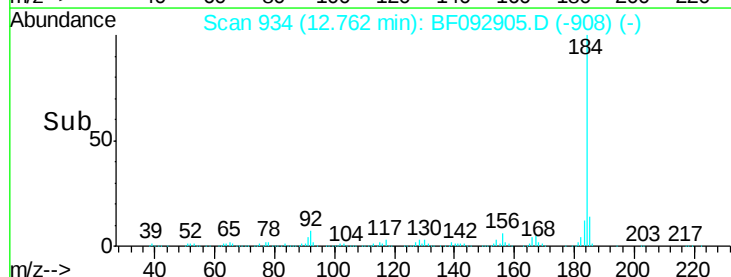
100000

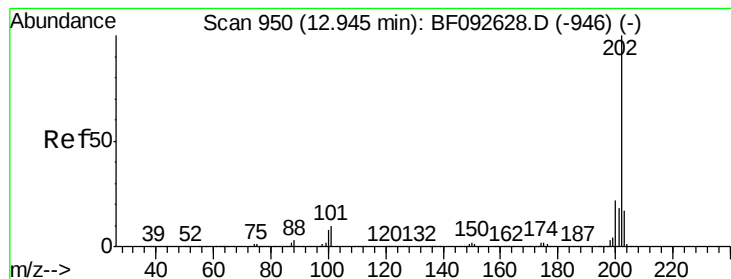
0

12.76

12.60 12.80 13.00

Time-->





#77

Pyrene

Concen: 39.08 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

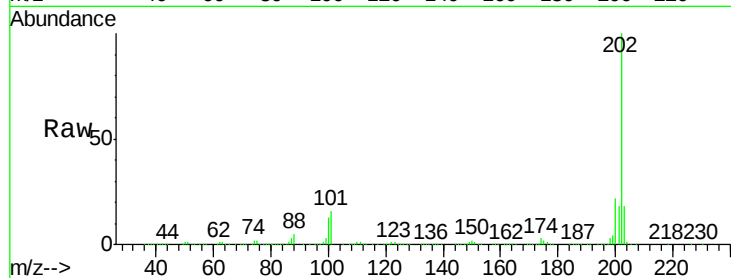
Tgt Ion:202 Resp: 1190718

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

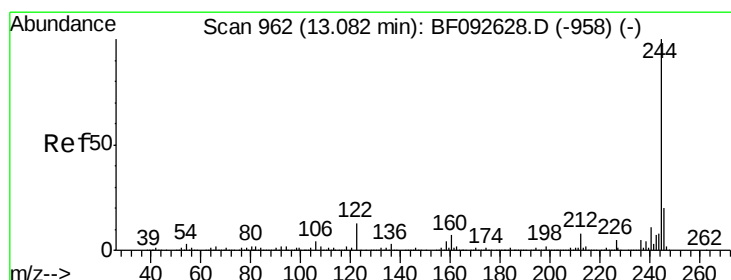
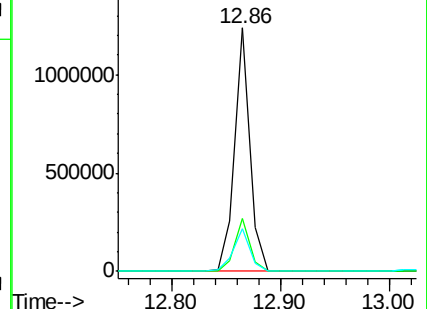
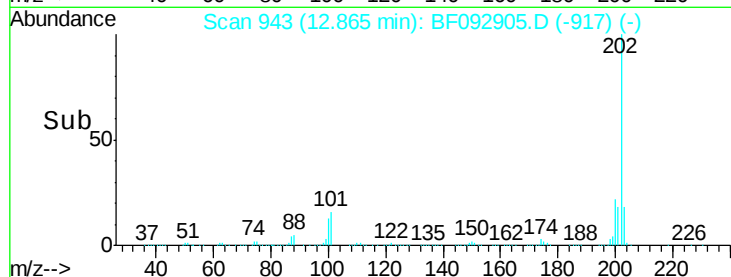
203 17.8 14.7 22.1



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: 74.52 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

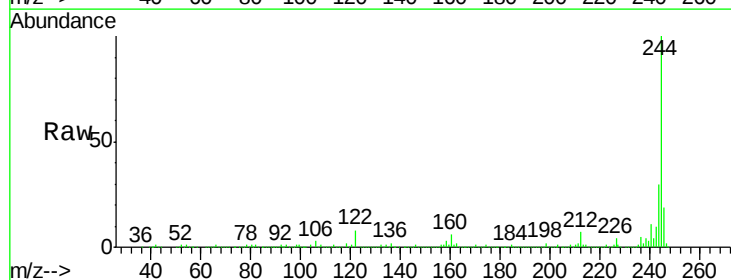
Tgt Ion:244 Resp: 1291241

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

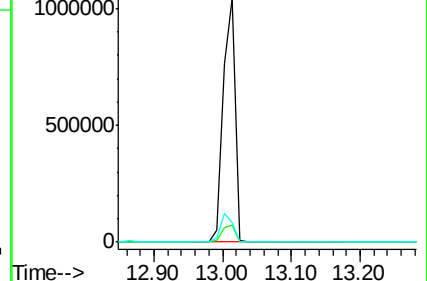
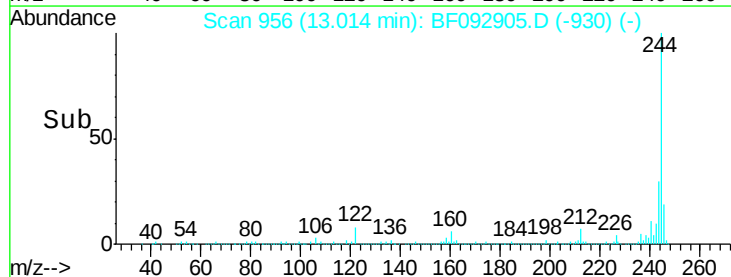
122 7.9 11.4 17.2#

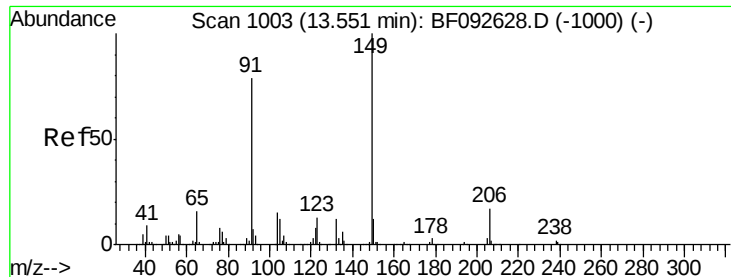


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.85 ng

RT: 13.48 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

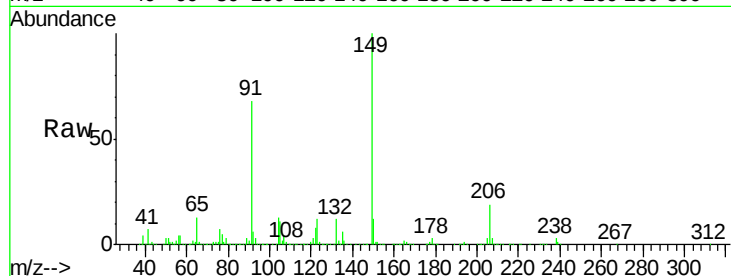
Tgt Ion:149 Resp: 517763

Ion Ratio Lower Upper

149 100

91 67.9 63.9 95.9

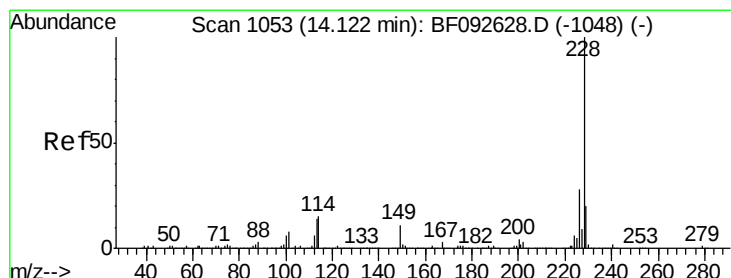
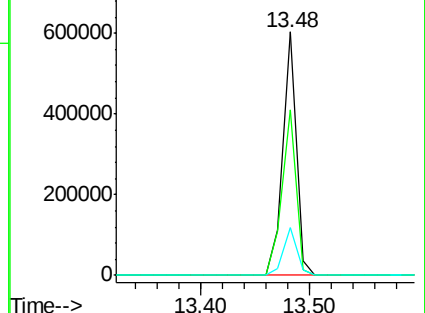
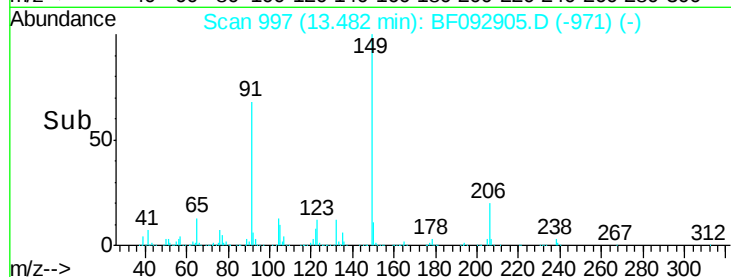
206 19.5 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.04 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

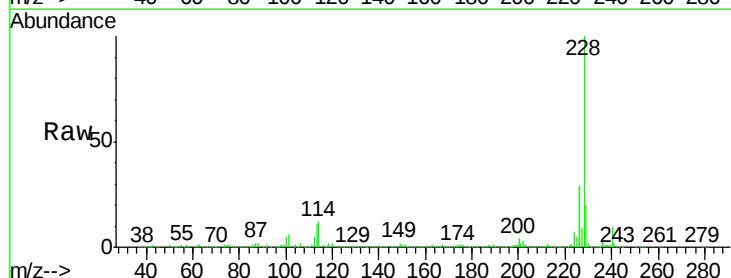
Tgt Ion:228 Resp: 922241

Ion Ratio Lower Upper

228 100

226 28.6 22.4 33.6

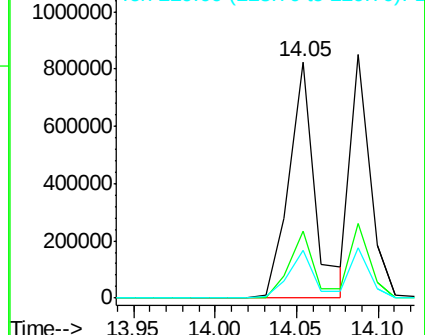
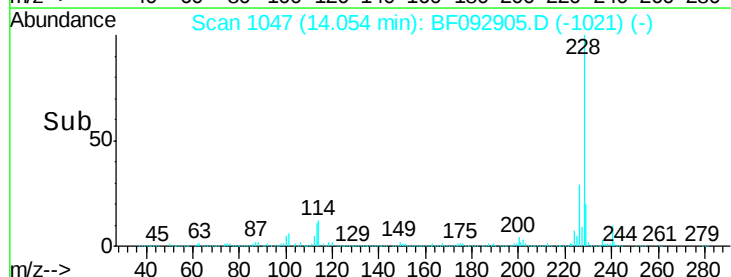
229 20.0 16.2 24.4

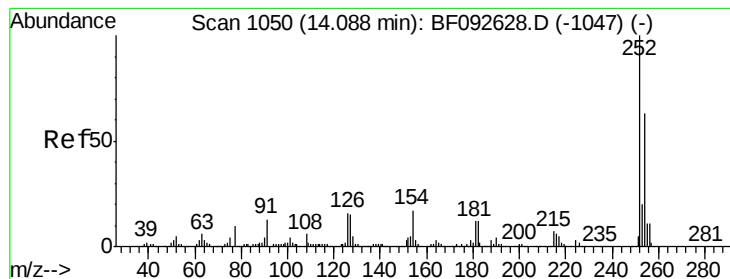


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

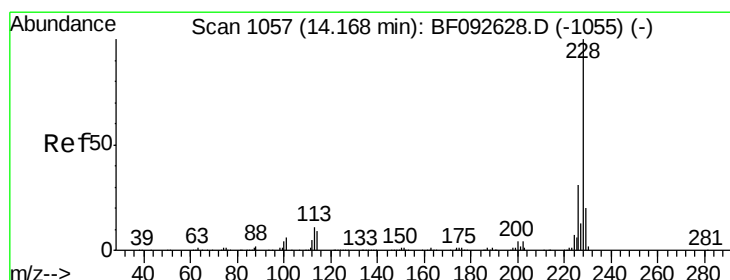
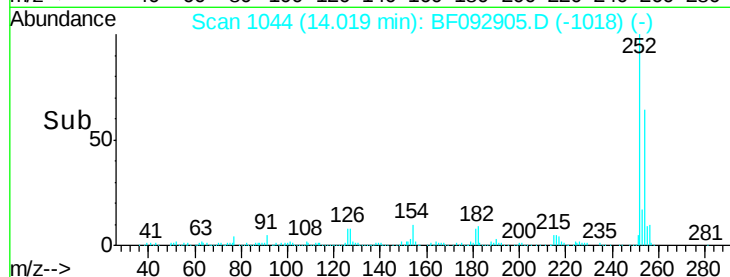
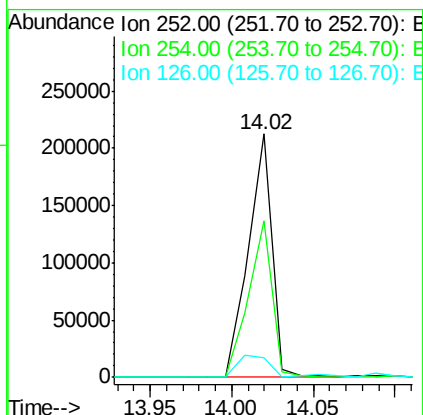
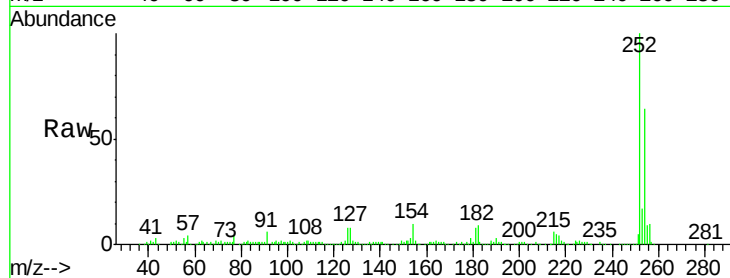




#81
 3,3'-Dichlorobenzidine
 Concen: 24.22 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

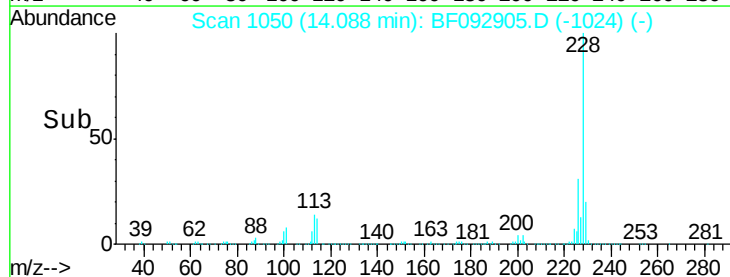
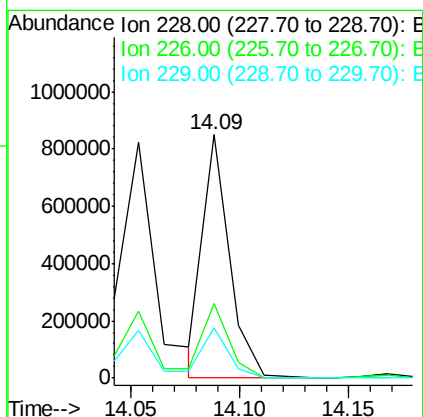
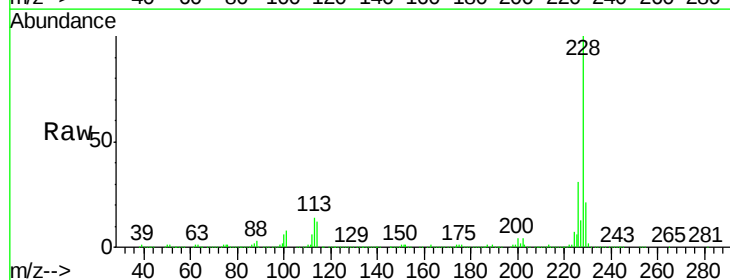
Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2MSD

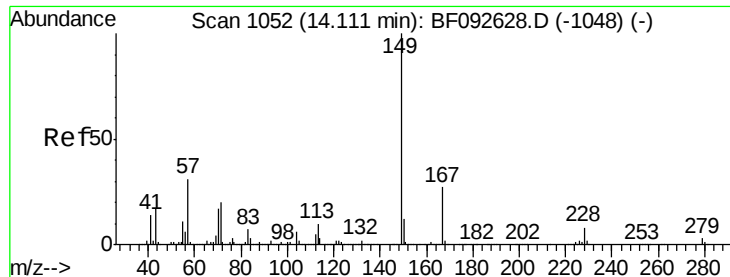
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.3	78.5
126	8.1	13.6	20.4



#82
 Chrysene
 Concen: 30.65 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.0
229	20.6	16.2	24.2

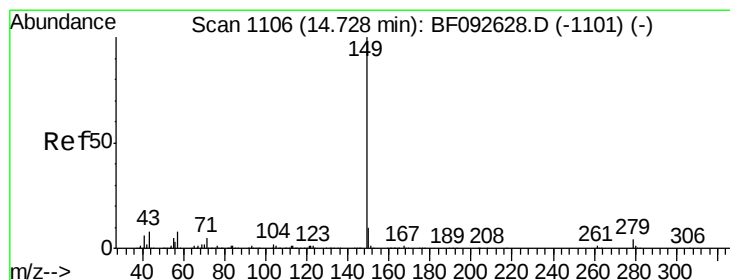
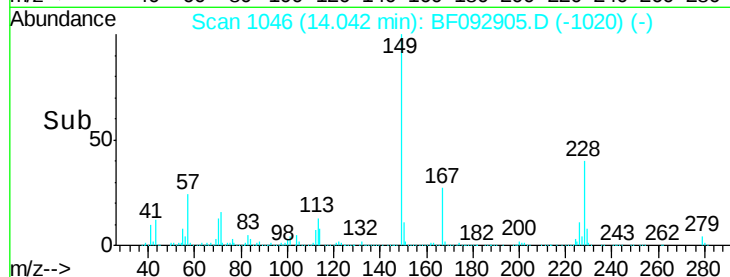
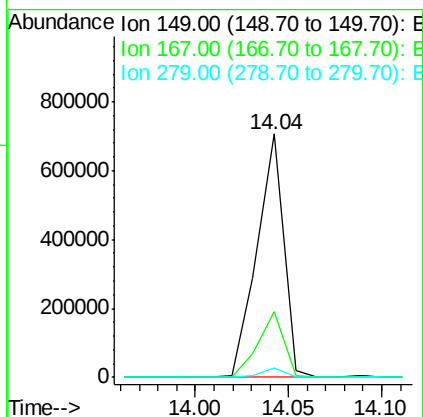
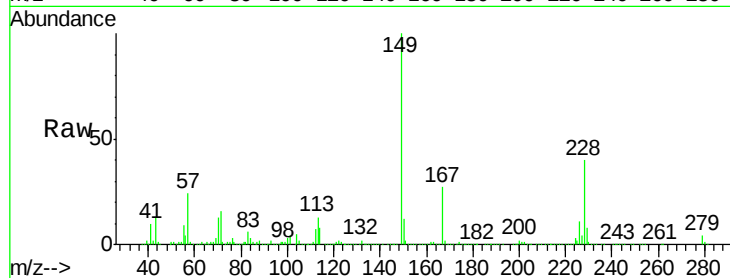




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.36 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

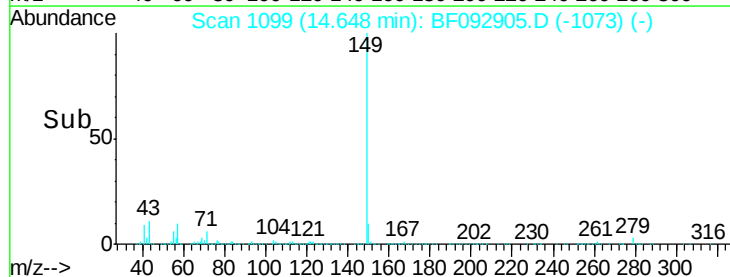
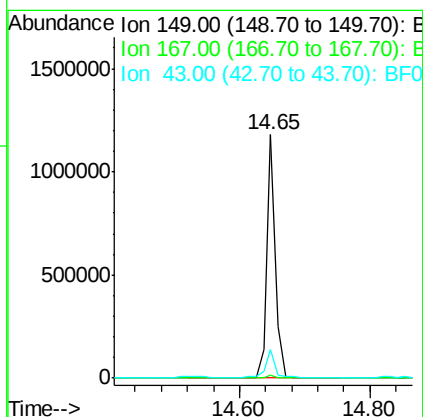
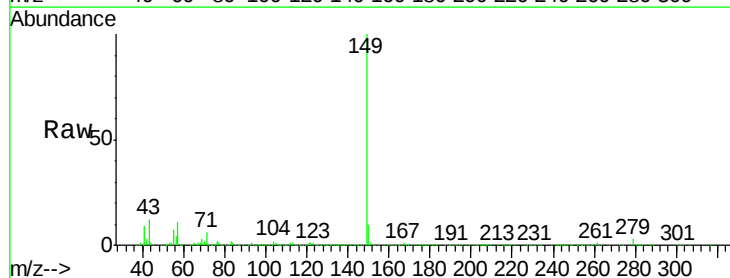
Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2MSD

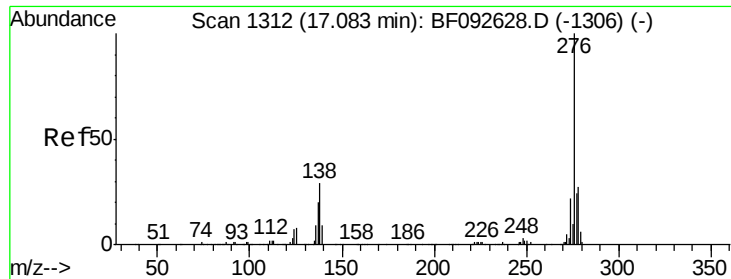
Tgt Ion:149 Resp: 699911
 Ion Ratio Lower Upper
 149 100
 167 27.2 20.2 30.4
 279 3.6 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 39.66 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF092905.D
 Acq: 11 Feb 2017 1:23

Tgt Ion:149 Resp: 1092739
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.5 8.9 13.3

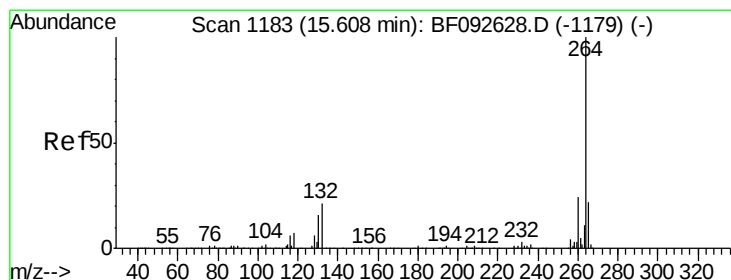
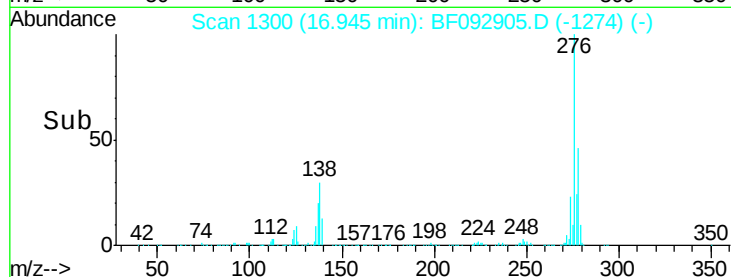
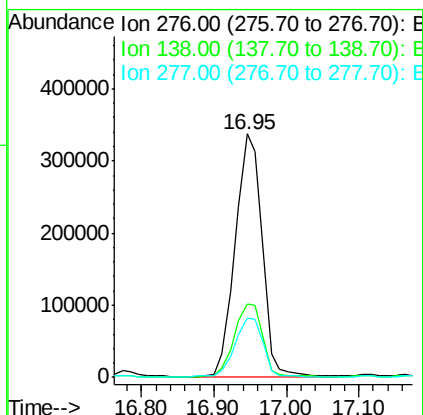
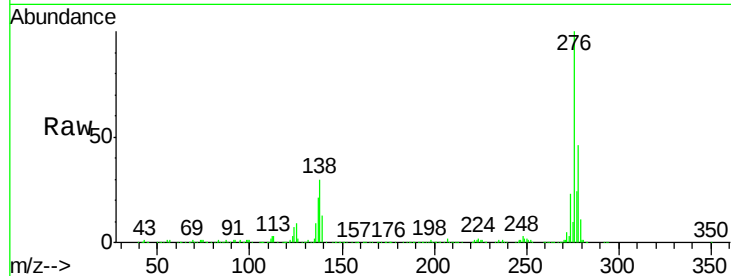




#85
Indeno(1,2,3-cd)pyrene
Concen: 47.97 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

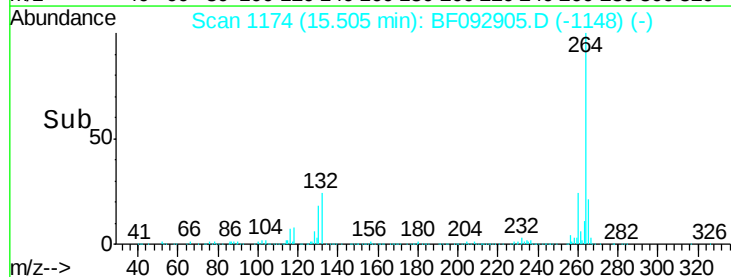
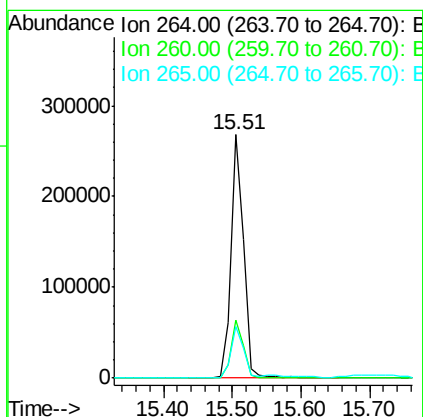
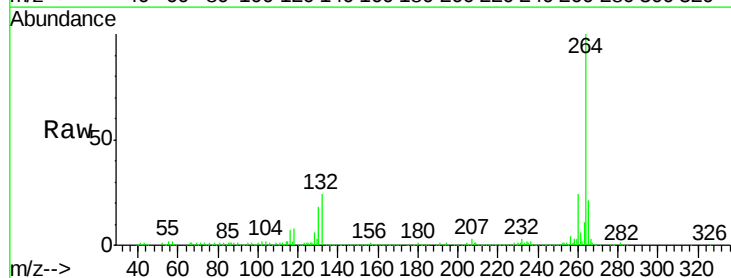
Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2MSD

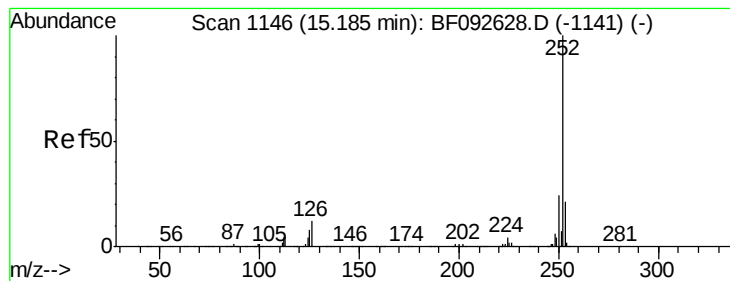
Tgt Ion: 276 Resp: 866297
Ion Ratio Lower Upper
276 100
138 31.7 21.8 32.6
277 25.4 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF092905.D
Acq: 11 Feb 2017 1:23

Tgt Ion: 264 Resp: 349143
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.3 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 70.61 ng

RT: 15.09 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

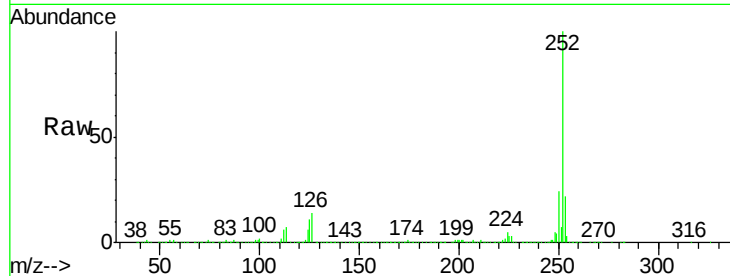
Tgt Ion:252 Resp: 1622735

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.4

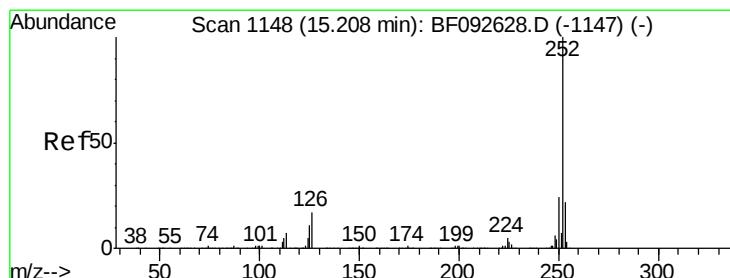
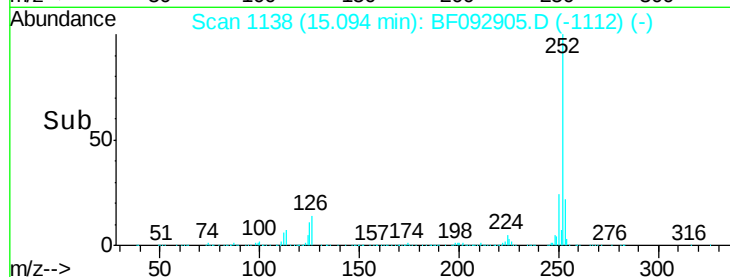
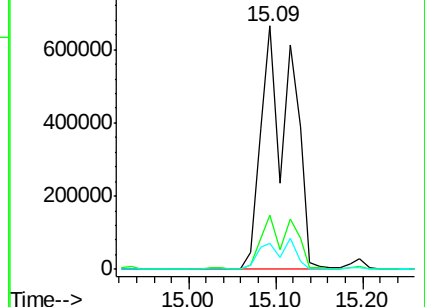
125 10.7 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 81.78 ng

RT: 15.09 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

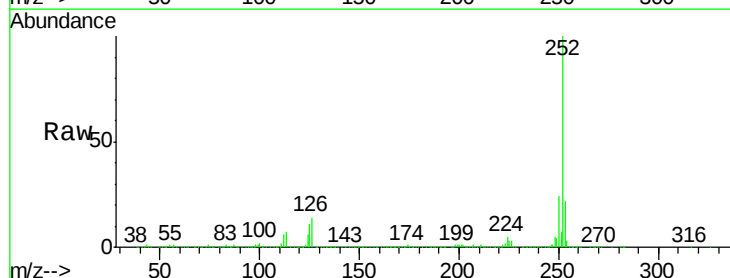
Tgt Ion:252 Resp: 1622735

Ion Ratio Lower Upper

252 100

253 22.0 18.5 27.7

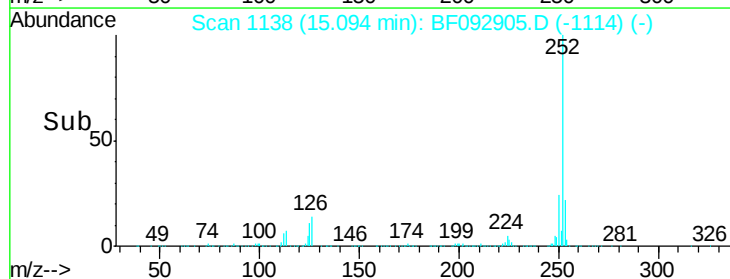
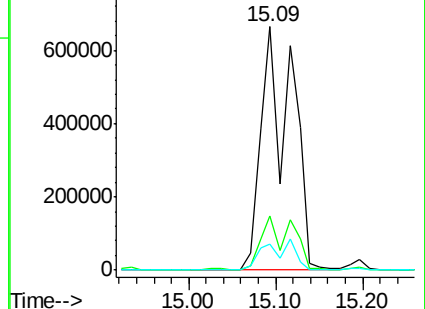
125 10.7 8.9 13.3

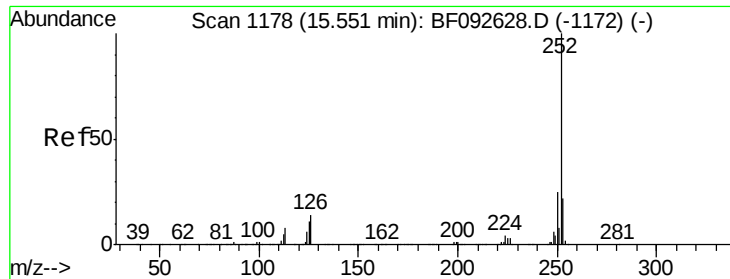


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.28 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

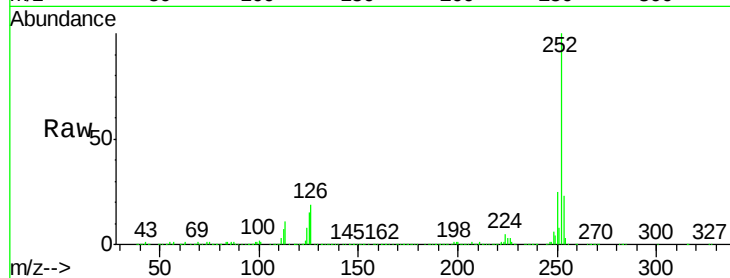
Tgt Ion:252 Resp: 800614

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

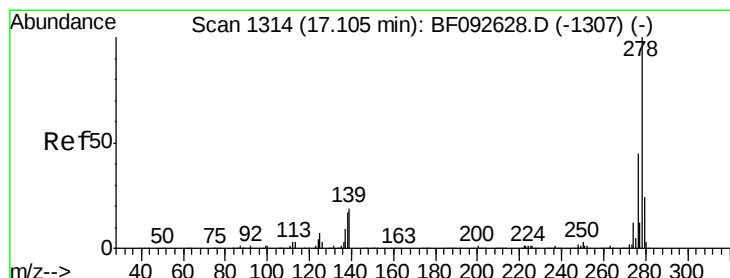
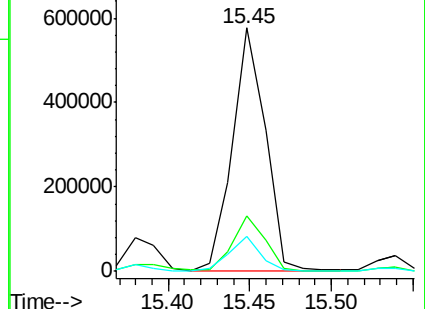
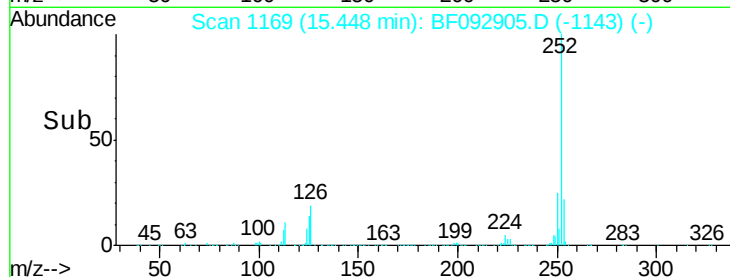
125 14.6 10.0 15.0



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: 41.88 ng

RT: 16.96 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

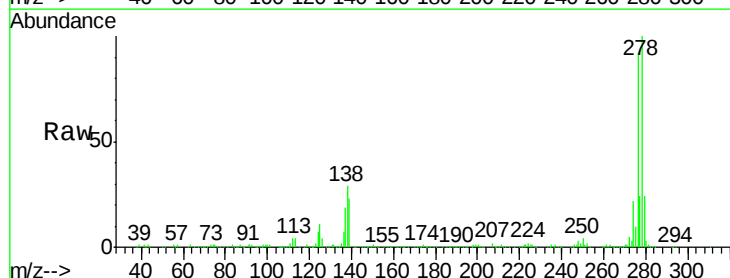
Tgt Ion:278 Resp: 672769

Ion Ratio Lower Upper

278 100

139 22.7 14.8 22.2#

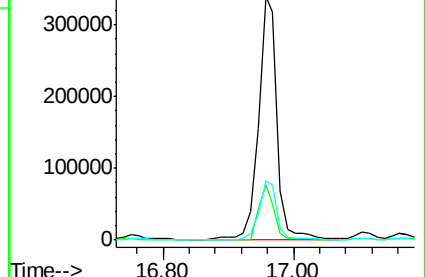
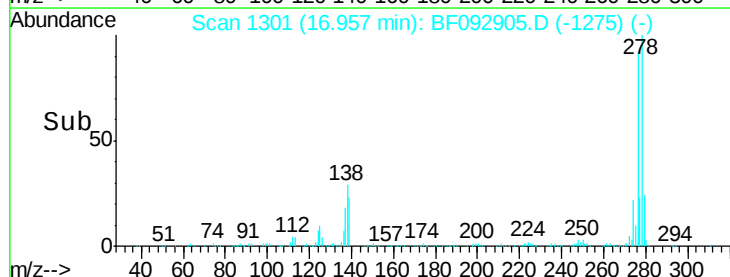
279 24.1 19.8 29.6

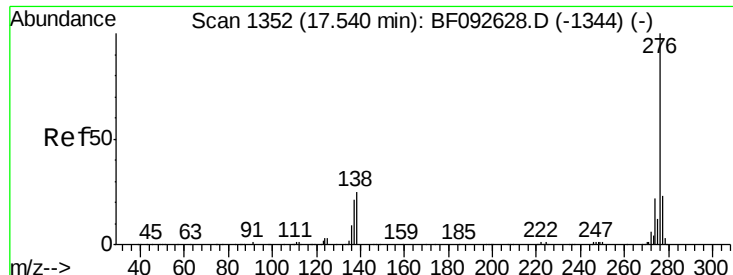


Abundance Ion 278.00 (277.70 to 278.70): E

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: 46.57 ng

RT: 17.38 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF092905.D

Acq: 11 Feb 2017 1:23

Instrument :

BNA_F

ClientSampleId :

38-SB-02-0-2MSD

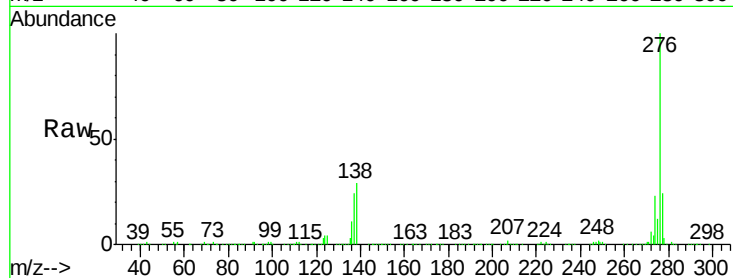
Tgt Ion: 276 Resp: 755821

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 28.7 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

