

Data Path : Z:\HPCHEM1\BNA F\Data\BF110416\
 Data File : BF091013.D
 Acq On : 4 Nov 2016 8:59
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 04 10:47:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.704	152	174300	20.00	ng	0.00
21) Naphthalene-d8	7.996	136	715005	20.00	ng	0.00
38) Acenaphthene-d10	9.745	164	385231	20.00	ng	0.00
63) Phenanthrene-d10	11.231	188	615648	20.00	ng	0.00
75) Chrysene-d12	13.859	240	567755	20.00	ng	0.00
86) Perylene-d12	15.242	264	429453	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.287	112	854759	80.99	ng	0.00
7) Phenol-d6	6.350	99	1164376	81.28	ng	0.00
23) Nitrobenzene-d5	7.276	82	945866	72.16	ng	0.00
41) 2,4,6-Tribromophenol	10.533	330	278295	79.91	ng	0.00
44) 2-Fluorobiphenyl	9.070	172	1790033	80.00	ng	0.00
78) Terphenyl-d14	12.808	244	1794230	78.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.201	88	219233	36.31	ng	95
3) Pyridine	2.875	79	644359	45.62	ng	93
4) n-Nitrosodimethylamine	2.830	42	202620	36.27	ng	89
6) Aniline	6.373	93	721688	42.71	ng	96
8) 2-Chlorophenol	6.487	128	514764	40.89	ng	94
9) Benzaldehyde	6.247	77	292908	36.84	ng	95
10) Phenol	6.361	94	606590	38.26	ng	94
11) bis(2-Chloroethyl)ether	6.441	93	519046	38.85	ng	98
12) 1,3-Dichlorobenzene	6.647	146	537505	42.22	ng	99
13) 1,4-Dichlorobenzene	6.647	146	537505	39.35	ng	99
14) 1,2-Dichlorobenzene	6.876	146	504172	40.21	ng	98
15) Benzyl Alcohol	6.853	79	358442	35.47	ng	97
16) 2,2'-oxybis(1-Chloropr...	6.990	45	613352	32.06	ng	96
17) 2-Methylphenol	6.979	107	410459	41.19	ng	98
18) Hexachloroethane	7.219	117	200799	37.98	ng	96
19) n-Nitroso-di-n-propyla...	7.127	70	329999	33.24	ng	96
20) 3+4-Methylphenols	7.139	107	480087	40.12	ng	97
22) Acetophenone	7.127	105	644800	39.17	ng	96
24) Nitrobenzene	7.299	77	564495	39.00	ng	94
25) Isophorone	7.539	82	995403	39.41	ng	99
26) 2-Nitrophenol	7.607	139	260424	42.51	ng	98
27) 2,4-Dimethylphenol	7.664	122	432881	42.73	ng	98
28) bis(2-Chloroethoxy)met...	7.756	93	573345	41.55	ng	99
29) 2,4-Dichlorophenol	7.859	162	386937	43.76	ng	97
30) 1,2,4-Trichlorobenzene	7.939	180	434622	43.72	ng	100
31) Naphthalene	8.019	128	1409781	41.23	ng	99
32) Benzoic acid	7.813	122	305332	39.62	ng	94
33) 4-Chloroaniline	8.076	127	580547	40.82	ng	97
34) Hexachlorobutadiene	8.133	225	235563	43.90	ng	98
35) Caprolactam	8.453	113	119521	43.03	ng	96
36) 4-Chloro-3-methylphenol	8.567	107	469712	43.88	ng	98
37) 2-Methylnaphthalene	8.705	142	919727	41.84	ng	99
39) 1,2,4,5-Tetrachloroben...	8.876	216	453685	46.19	ng	99
40) Hexachlorocyclopentadiene	8.865	237	135615	39.41	ng	100

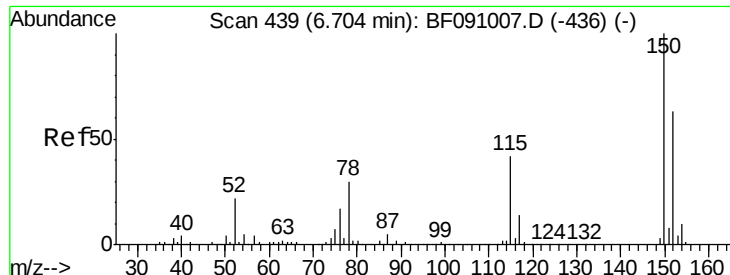
Data Path : Z:\HPCHEM1\BNA F\Data\BF110416\
 Data File : BF091013.D
 Acq On : 4 Nov 2016 8:59
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 04 10:47:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.990	196	274653	43.32	ng	99
43) 2,4,5-Trichlorophenol	9.036	196	288518	43.34	ng	98
45) 1,1'-Biphenyl	9.173	154	1198669	42.61	ng	99
46) 2-Chloronaphthalene	9.196	162	926622	43.39	ng	99
47) 2-Nitroaniline	9.299	65	355815	44.89	ng	99
48) Acenaphthylene	9.608	152	1376393	41.35	ng	100
49) Dimethylphthalate	9.482	163	1020883	40.41	ng	100
50) 2,6-Dinitrotoluene	9.539	165	204387	37.75	ng	99
51) Acenaphthene	9.779	154	824871	39.48	ng	99
52) 3-Nitroaniline	9.710	138	266007	41.44	ng	99
53) 2,4-Dinitrophenol	9.825	184	101427	37.96	ng	99
54) Dibenzofuran	9.950	168	1138820	40.49	ng	99
55) 4-Nitrophenol	9.882	139	158493	40.15	ng	95
56) 2,4-Dinitrotoluene	9.950	165	306788	44.54	ng	99
57) Fluorene	10.293	166	961410	41.82	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.076	232	240749	46.16	ng	98
59) Diethylphthalate	10.179	149	1086358	41.95	ng	100
60) 4-Chlorophenyl-phenyle...	10.293	204	442264	42.27	ng	96
61) 4-Nitroaniline	10.328	138	290818	44.78	ng	98
62) Azobenzene	10.442	77	1176246	38.58	ng	82
64) 4,6-Dinitro-2-methylph...	10.362	198	155533	41.26	ng	99
65) n-Nitrosodiphenylamine	10.408	169	766768	39.18	ng	100
66) 4-Bromophenyl-phenylether	10.773	248	257482	40.21	ng	92
67) Hexachlorobenzene	10.842	284	321832	45.57	ng	93
68) Atrazine	10.945	200	257760	45.66	ng	98
69) Pentachlorophenol	11.036	266	141415	45.21	ng	99
70) Phenanthrene	11.253	178	1429612	43.68	ng	100
71) Anthracene	11.299	178	1310270	37.66	ng	99
72) Carbazole	11.459	167	1178204	37.58	ng	99
73) Di-n-butylphthalate	11.802	149	1608940	40.80	ng	99
74) Fluoranthene	12.431	202	1278422	37.66	ng	97
76) Benzidine	12.556	184	572651	45.15	ng	98
77) Pyrene	12.659	202	1310595	35.25	ng	99
79) Butylbenzylphthalate	13.288	149	647375	36.40	ng	92
80) Benzo(a)anthracene	13.848	228	1245665	38.64	ng	99
81) 3,3'-Dichlorobenzidine	13.814	252	446131	39.39	ng	# 96
82) Chrysene	13.894	228	1265262	39.81	ng	99
83) Bis(2-ethylhexyl)phtha...	13.848	149	896211	37.24	ng	99
84) Di-n-octyl phthalate	14.465	149	1626279	41.09	ng	95
85) Indeno(1,2,3-cd)pyrene	16.568	276	1067554	40.48	ng	96
87) Benzo(b)fluoranthene	14.888	252	2363751	81.15	ng	98
88) Benzo(k)fluoranthene	14.888	252	2364376	92.54	ng	98
89) Benzo(a)pyrene	15.197	252	1076287	42.45	ng	99
90) Dibenzo(a,h)anthracene	16.580	278	932656	42.55	ng	96
91) Benzo(g,h,i)perylene	16.957	276	851830	42.97	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.704 min Scan# 43

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampleId :

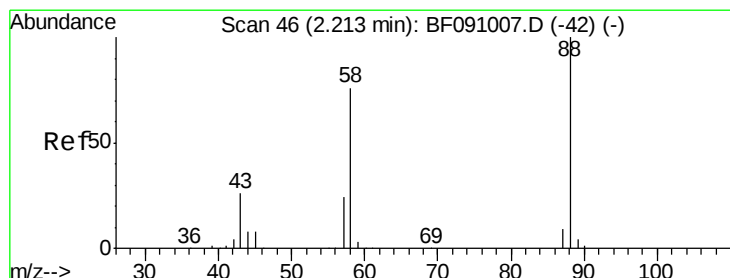
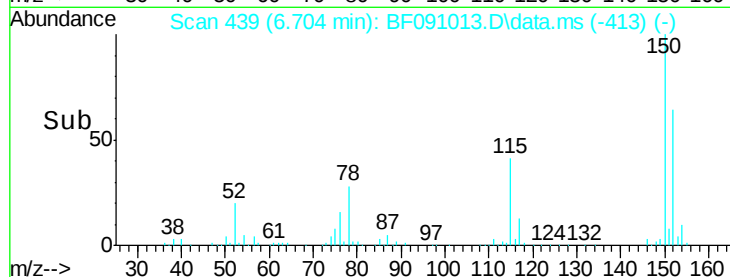
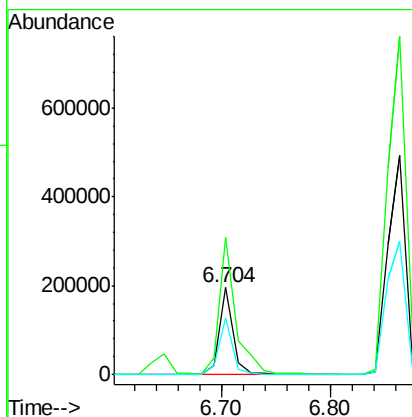
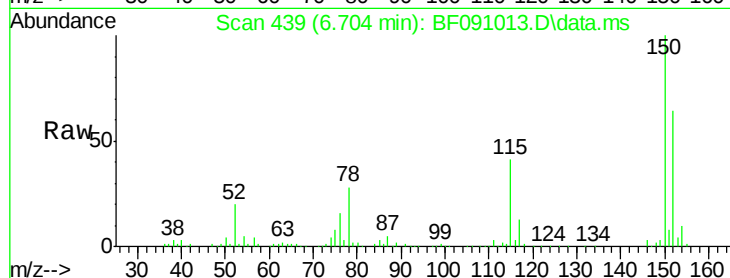
Tot Ion:152 Resp: 174300

Ion Ratio Lower Upper

152 100

150 157.2 126.8 190.2

115 64.6 53.3 79.9



#2

1,4-Dioxane

Concen: 36.31 ng

RT: 2.201 min Scan# 45

Delta R.T. -0.011 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

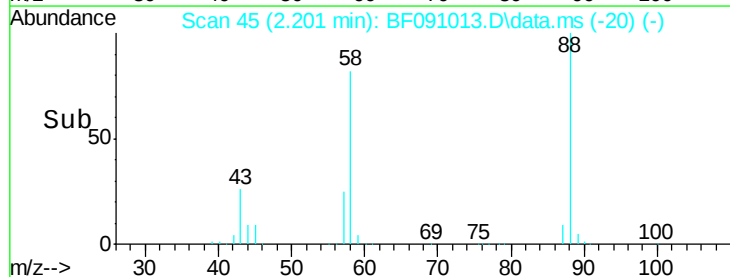
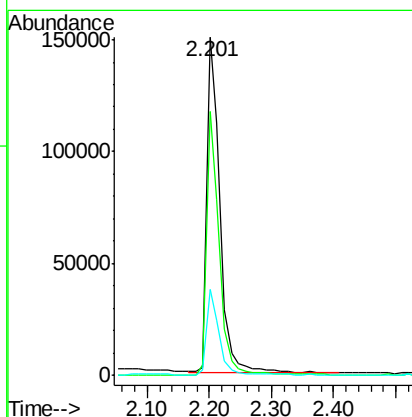
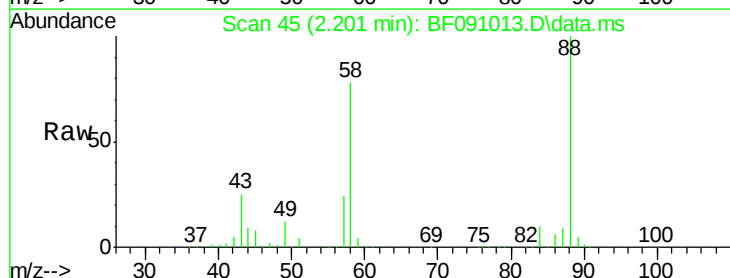
Tgt Ion: 88 Resp: 219233

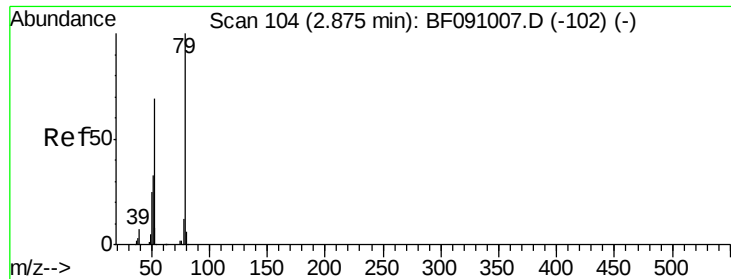
Ion Ratio Lower Upper

88 100

58 75.5 63.8 95.6

43 25.2 22.6 33.8





#3

Pvridine

Concen: 45.62 ng

RT: 2.875 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampleId :

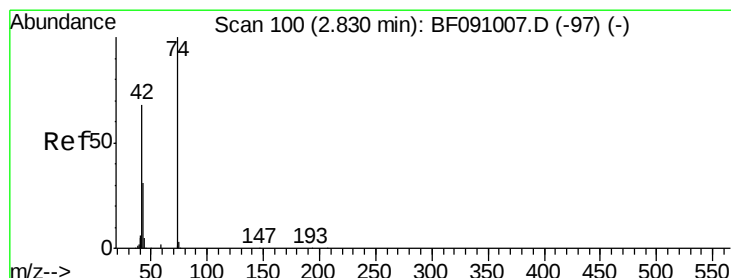
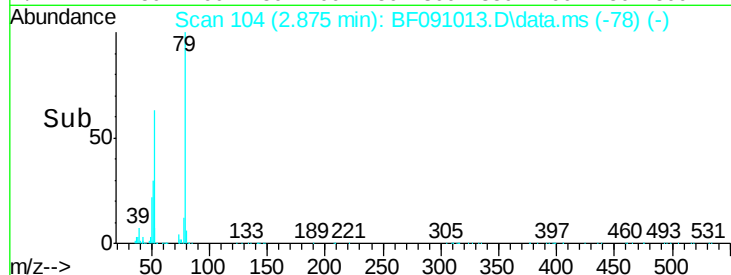
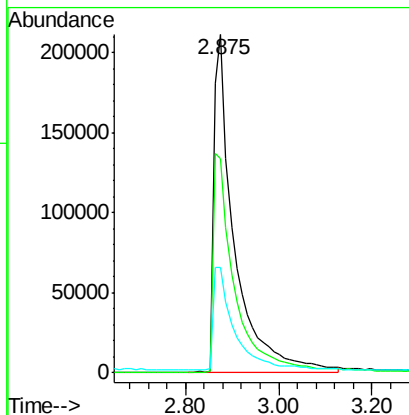
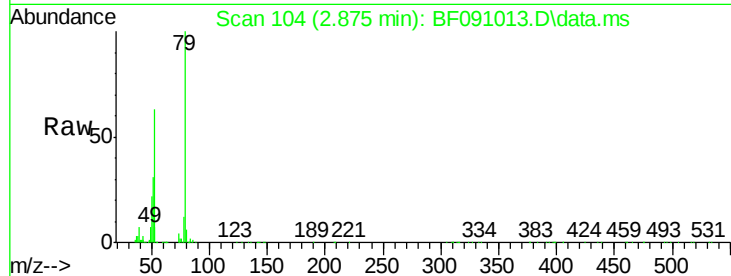
Tot Ion: 79 Resp: 644359

Ion Ratio Lower Upper

79 100

52 63.3 55.4 83.0

51 31.1 27.4 41.0



#4

n-Nitrosodimethylamine

Concen: 36.27 ng

RT: 2.830 min Scan# 100

Delta R.T. 0.001 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

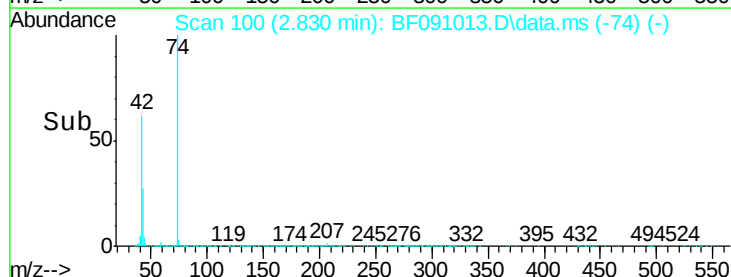
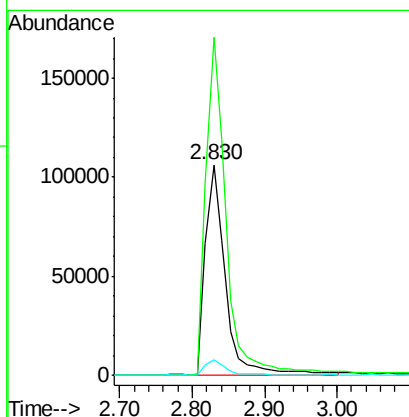
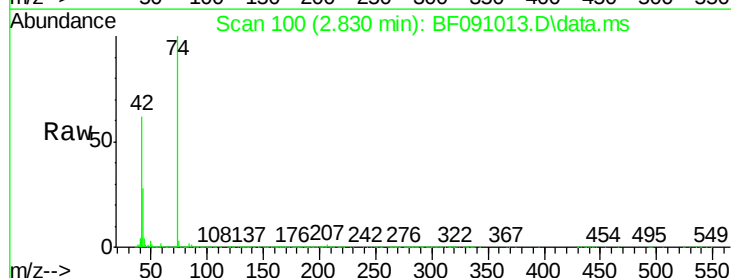
Tgt Ion: 42 Resp: 202620

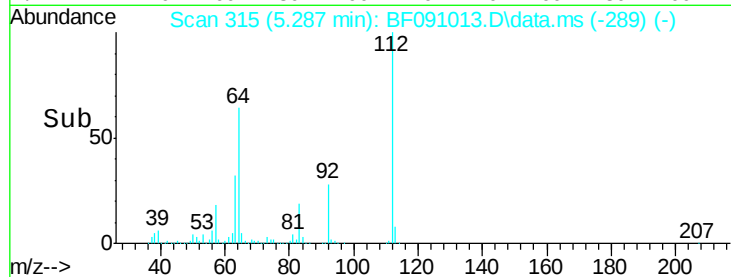
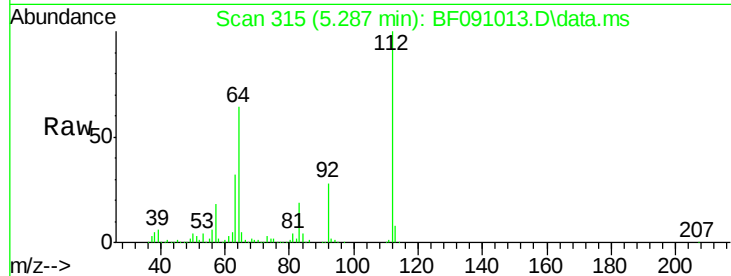
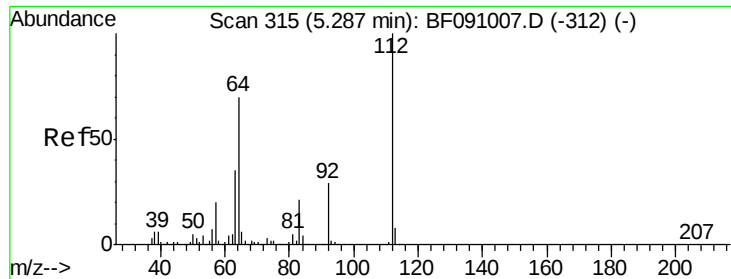
Ion Ratio Lower Upper

42 100

74 160.5 117.3 175.9

44 7.2 5.8 8.8





#5

2-Fluorophenol

Concen: 80.99 ng

RT: 5.287 min Scan# 31

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampleId :

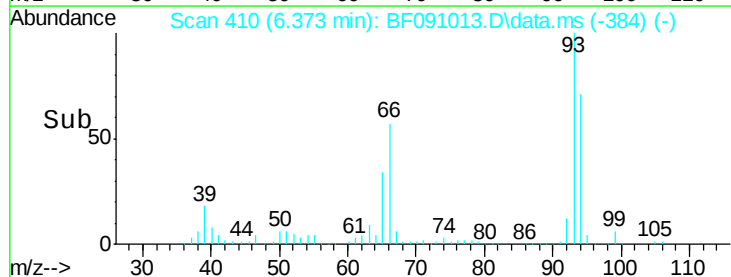
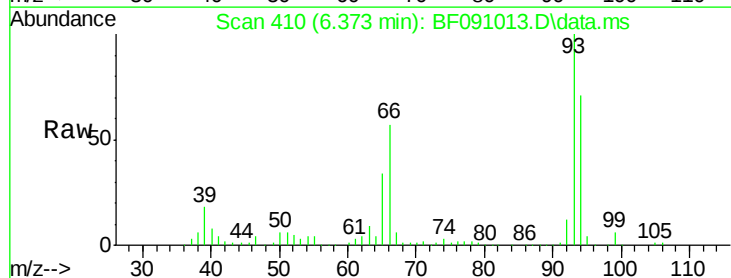
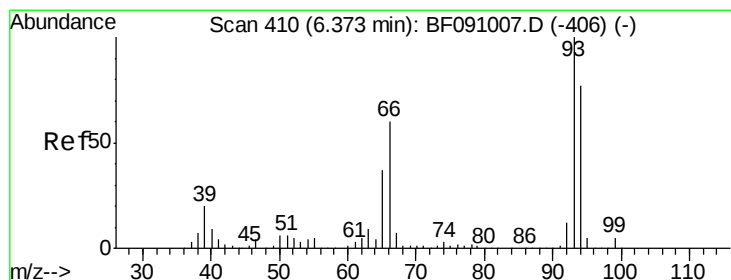
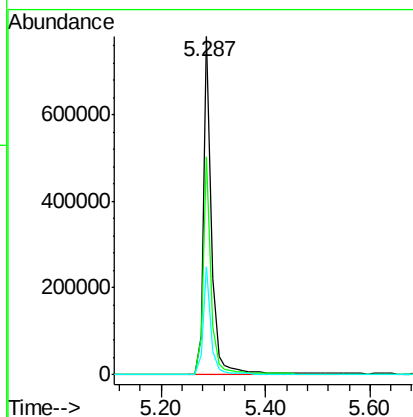
Tot Ion:112 Resp: 854759

Ion Ratio Lower Upper

112 100

64 64.3 55.8 83.6

63 31.8 28.0 42.0



#6

Aniline

Concen: 42.71 ng

RT: 6.373 min Scan# 410

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

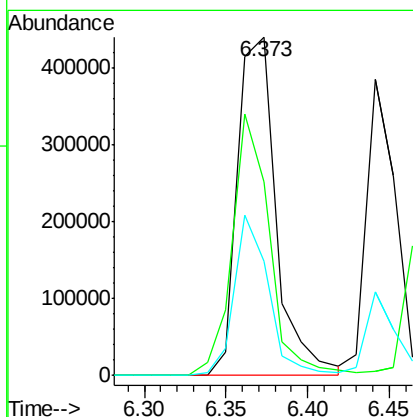
Tgt Ion: 93 Resp: 721688

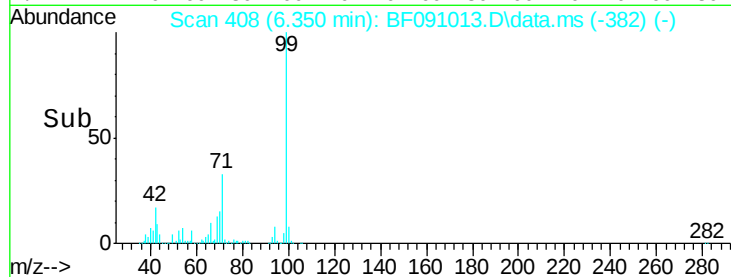
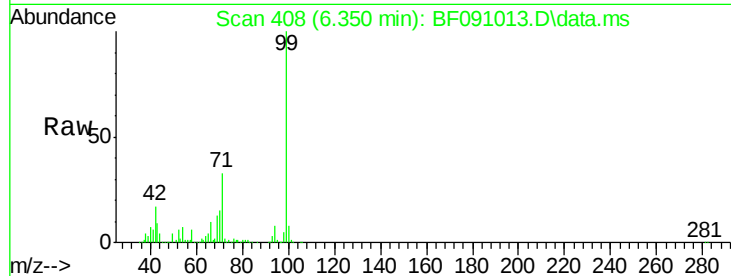
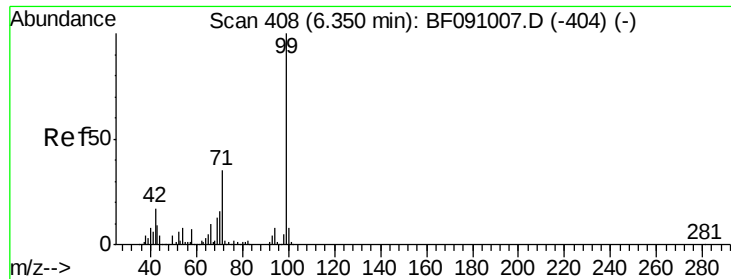
Ion Ratio Lower Upper

93 100

66 57.2 48.2 72.2

65 33.7 29.4 44.0





#7

Phenol-d6

Concen: 81.28 ng

RT: 6.350 min Scan# 408

Delta R.T. -0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

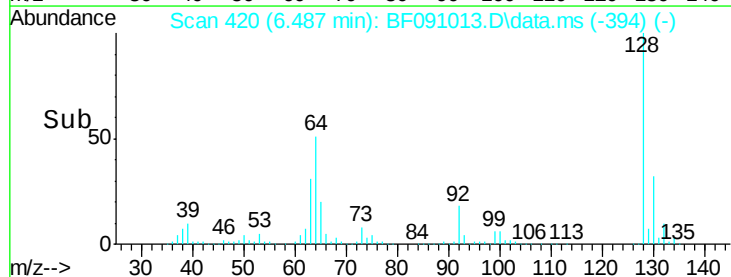
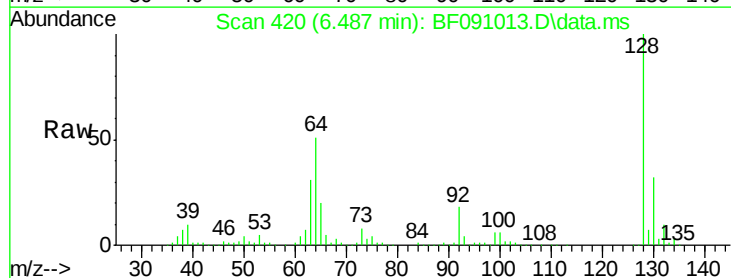
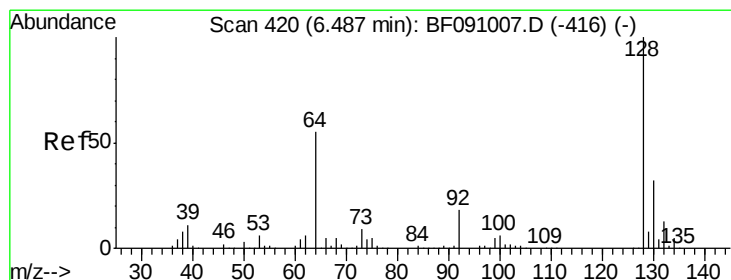
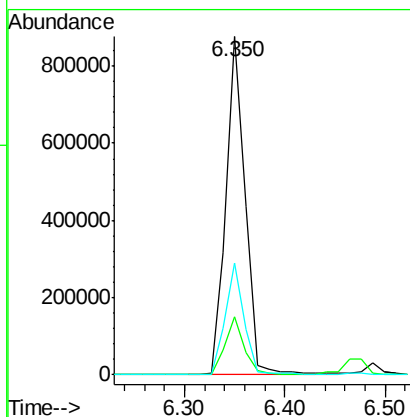
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1164376

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.9	20.9
71	33.2	27.8	41.8



#8

2-Chlorophenol

Concen: 40.89 ng

RT: 6.487 min Scan# 420

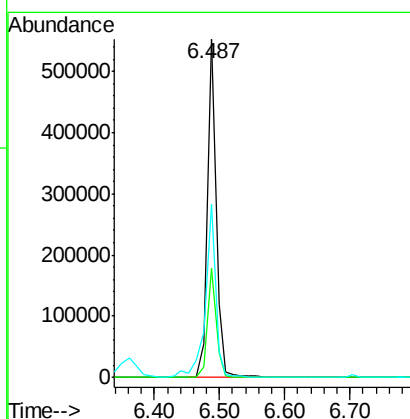
Delta R.T. 0.000 min

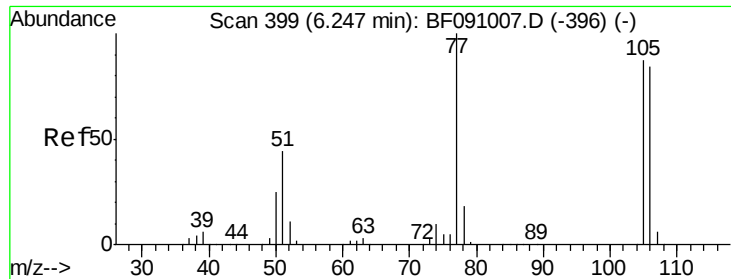
Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Tgt Ion: 128 Resp: 514764

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.0	52.0
64	51.0	37.2	77.2





#9

Benzaldehyde

Concen: 36.84 ng

RT: 6.247 min Scan# 399

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampleId :

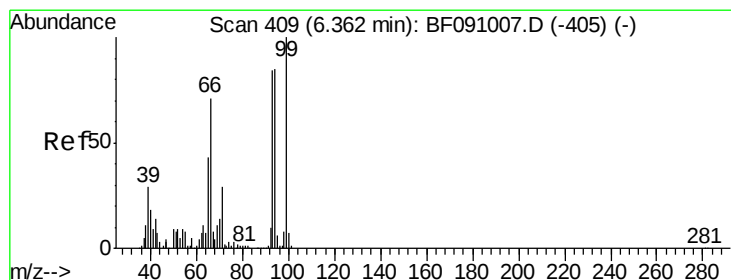
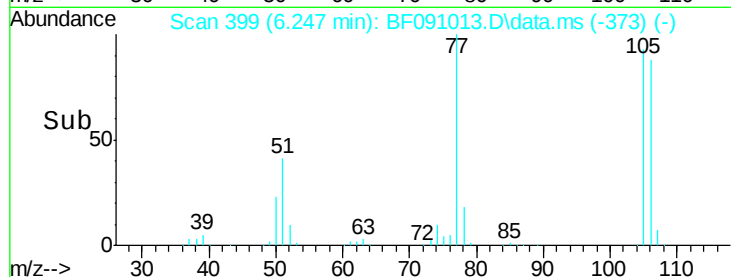
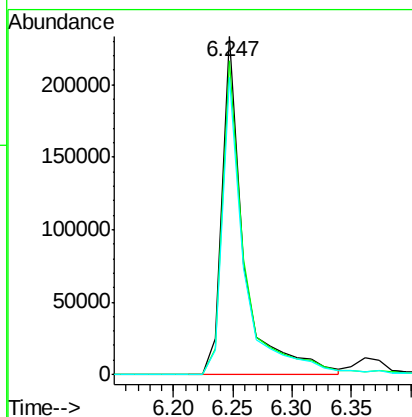
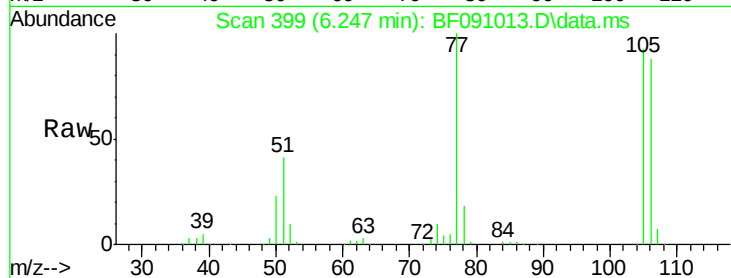
Tot Ion: 77 Resp: 292908

Ion Ratio Lower Upper

77 100

105 92.8 66.8 106.8

106 88.0 64.0 104.0



#10

Phenol

Concen: 38.26 ng

RT: 6.361 min Scan# 409

Delta R.T. -0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

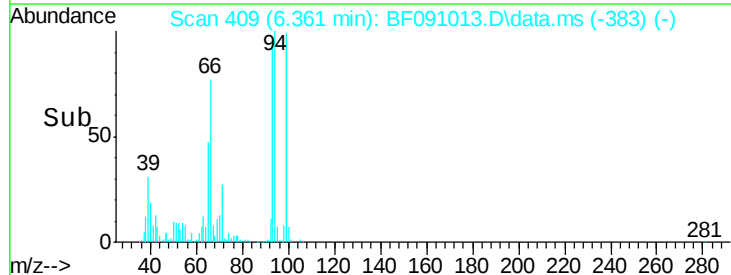
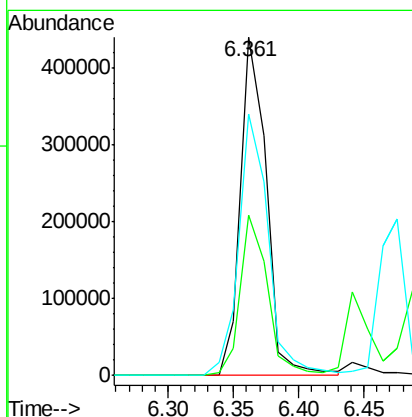
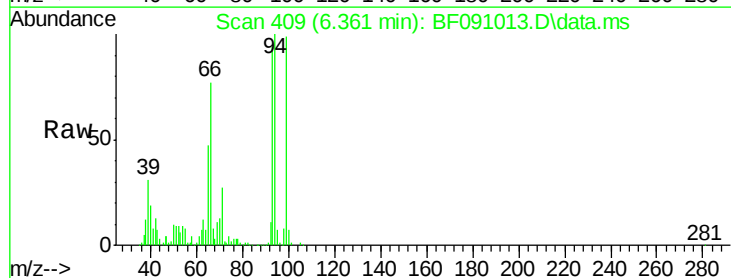
Tgt Ion: 94 Resp: 606590

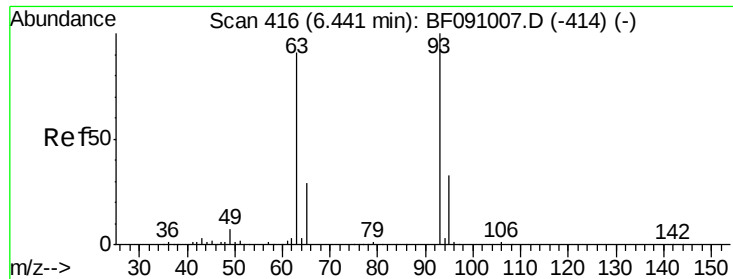
Ion Ratio Lower Upper

94 100

65 47.3 30.4 70.4

66 77.2 62.9 102.9





#11

bis(2-Chloroethyl)ether

Concen: 38.85 ng

RT: 6.441 min Scan# 41

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampleId :

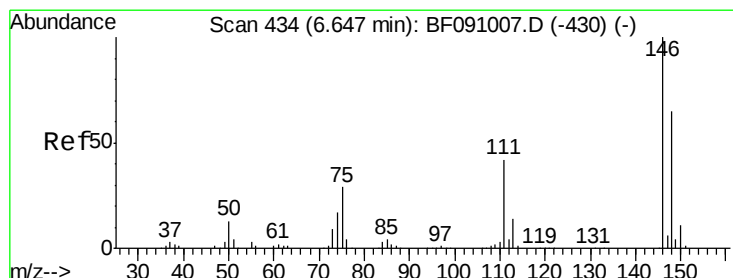
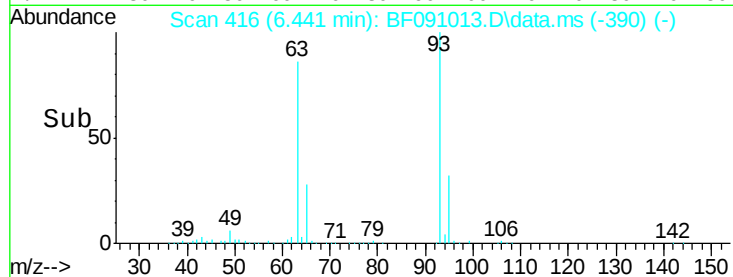
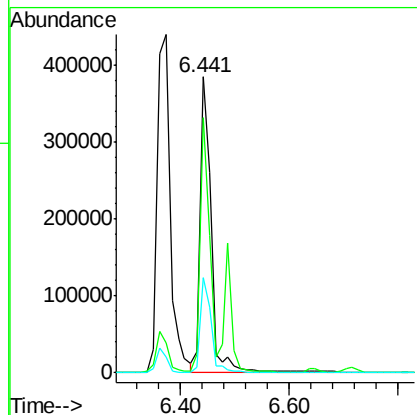
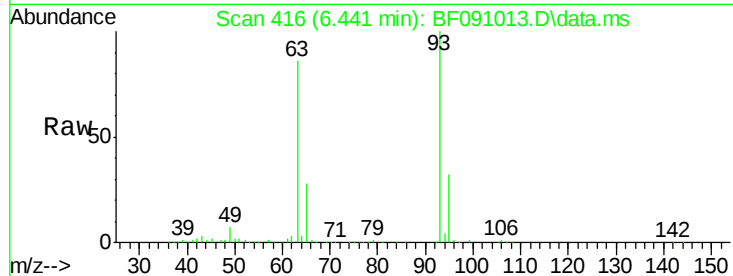
Tot Ion: 93 Resp: 519046

Ion Ratio Lower Upper

93 100

63 86.4 68.9 108.9

95 32.0 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 42.22 ng

RT: 6.647 min Scan# 434

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

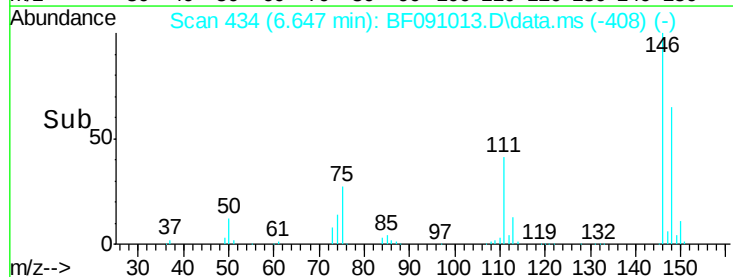
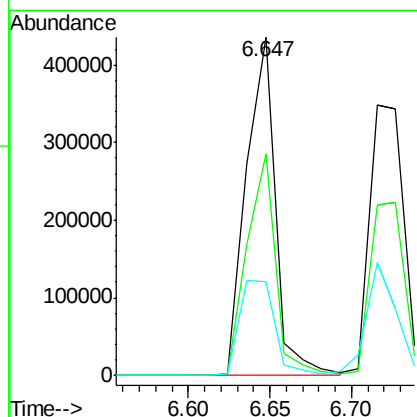
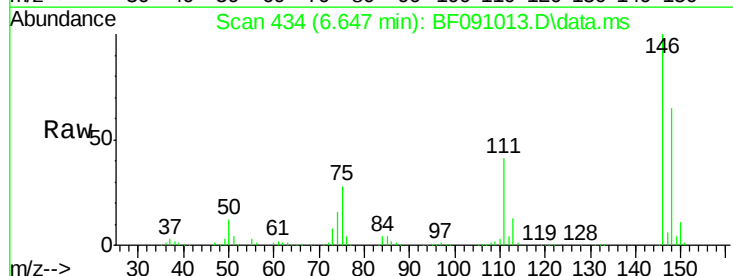
Tgt Ion: 146 Resp: 537505

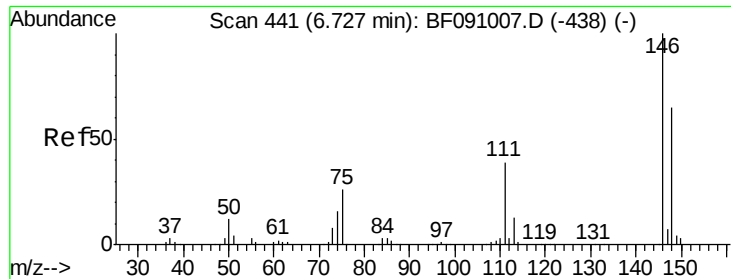
Ion Ratio Lower Upper

146 100

148 65.4 52.0 78.0

75 27.6 23.0 34.6

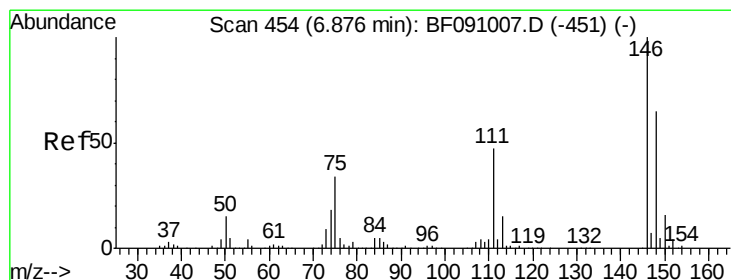
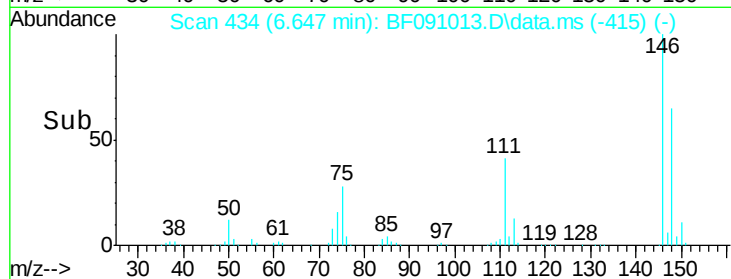
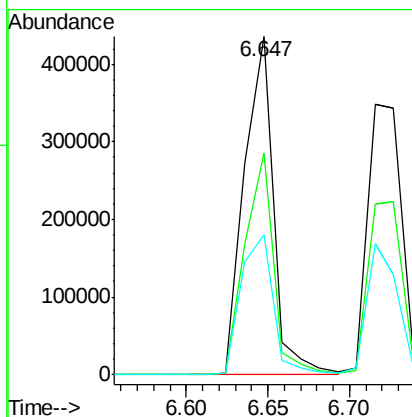
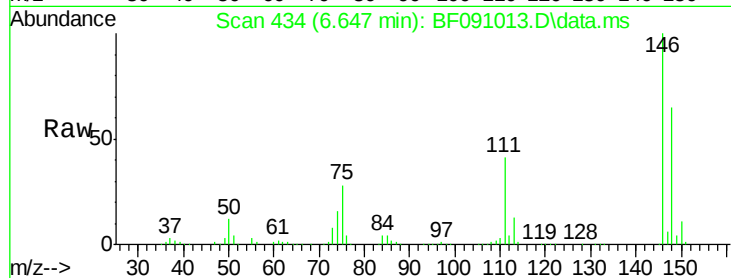




#13
 1,4-Dichlorobenzene
 Concen: 39.35 ng
 RT: 6.647 min Scan# 43
 Delta R.T. -0.080 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

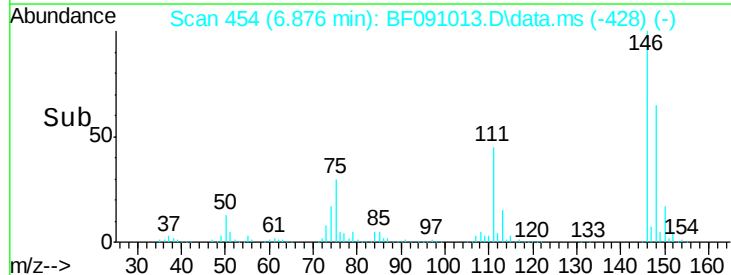
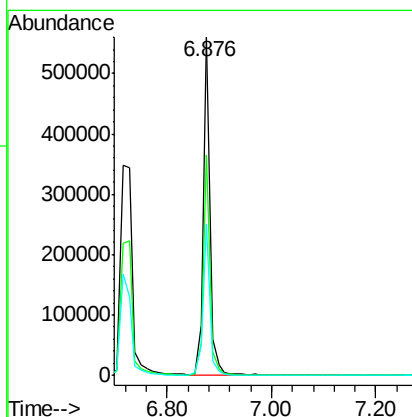
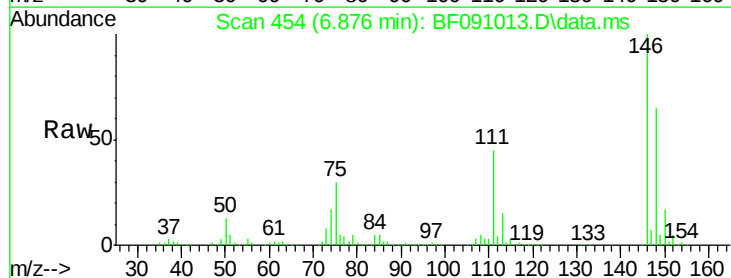
Instrument :
 BNA_F
 ClientSampleId :

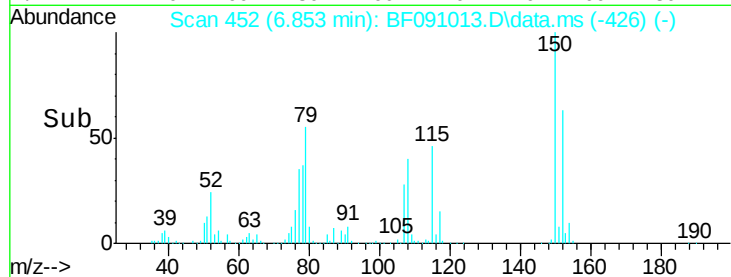
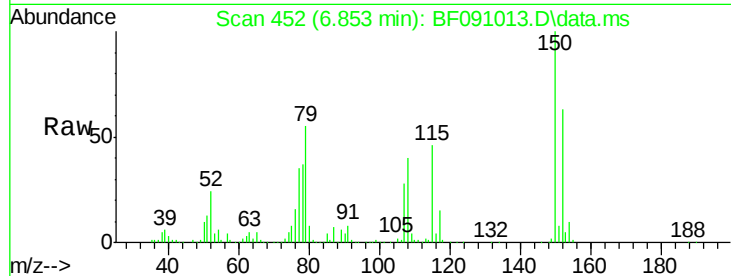
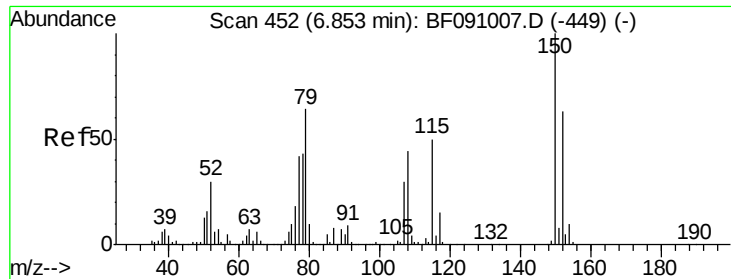
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.1	78.1
111	41.3	31.6	47.4



#14
 1,2-Dichlorobenzene
 Concen: 40.21 ng
 RT: 6.876 min Scan# 454
 Delta R.T. -0.000 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.6	77.4
111	44.8	37.3	55.9





#15

Benzyl Alcohol

Concen: 35.47 ng

RT: 6.853 min Scan# 452

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampleId :

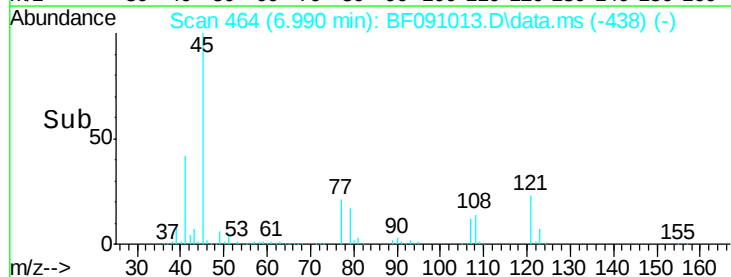
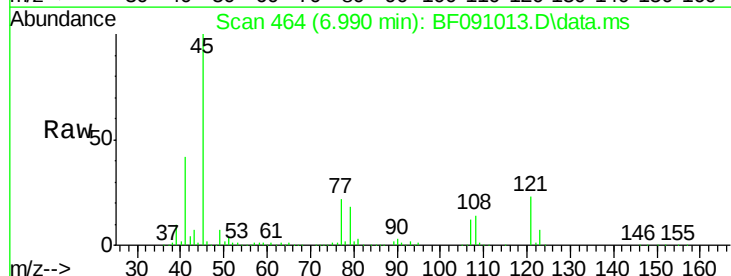
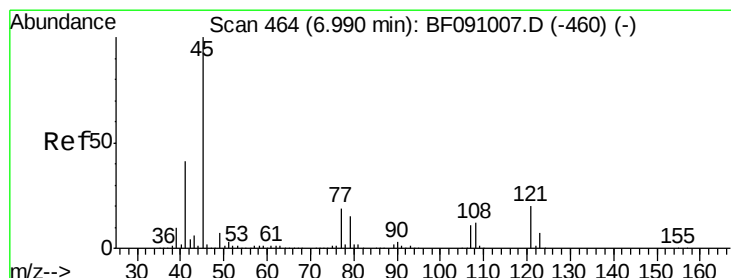
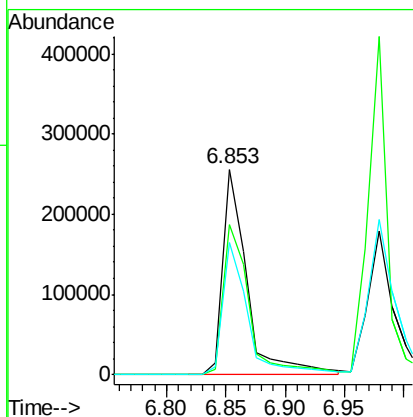
Tot Ion: 79 Resp: 358442

Ion Ratio Lower Upper

79 100

108 73.1 55.7 83.5

77 64.2 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.06 ng

RT: 6.990 min Scan# 464

Delta R.T. -0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

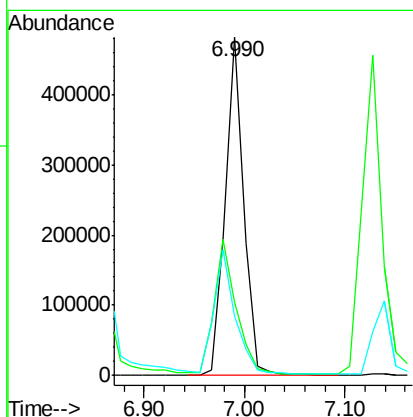
Tgt Ion: 45 Resp: 613352

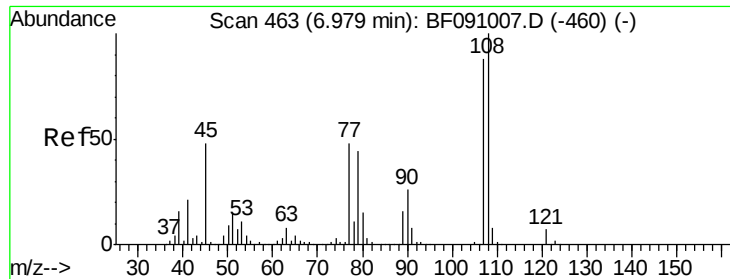
Ion Ratio Lower Upper

45 100

77 21.6 0.0 39.6

79 17.6 0.0 35.9

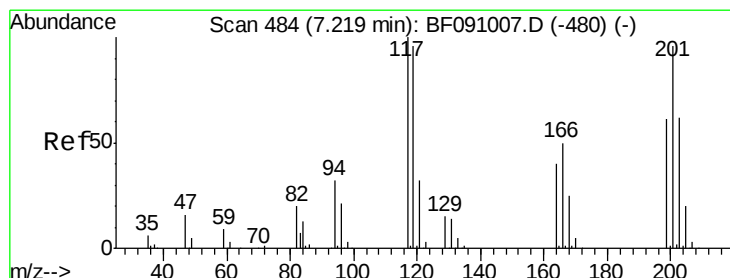
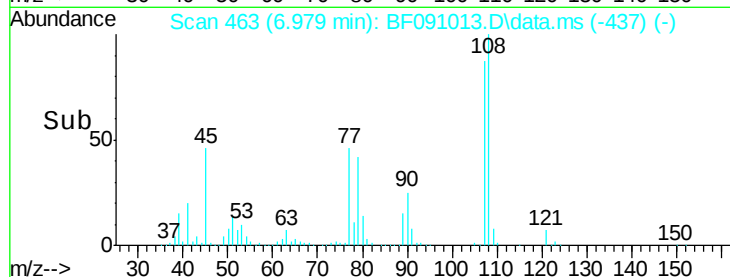
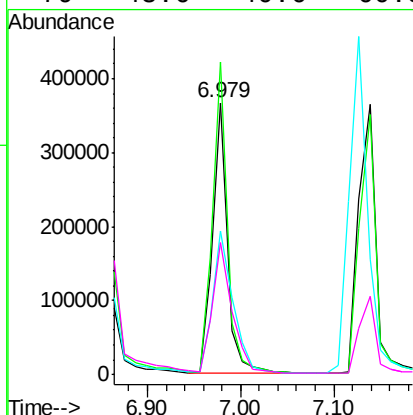
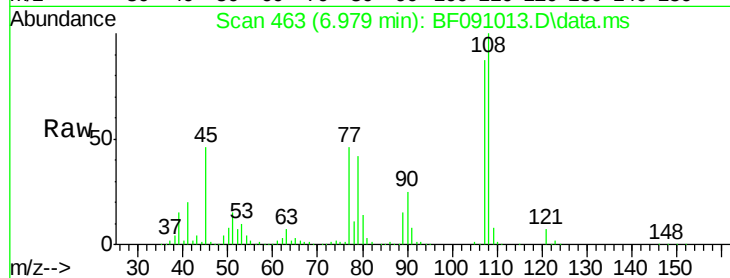




#17
2-Methylphenol
Concen: 41.19 ng
RT: 6.979 min Scan# 463
Delta R.T. -0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

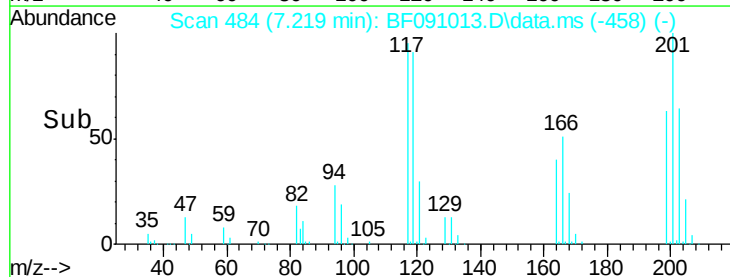
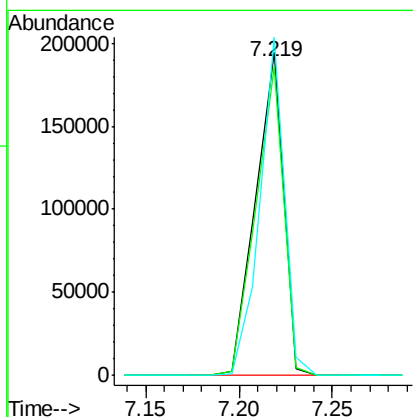
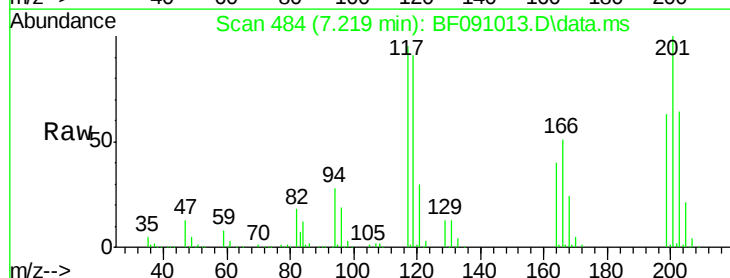
Instrument :
BNA_F
ClientSampleId :

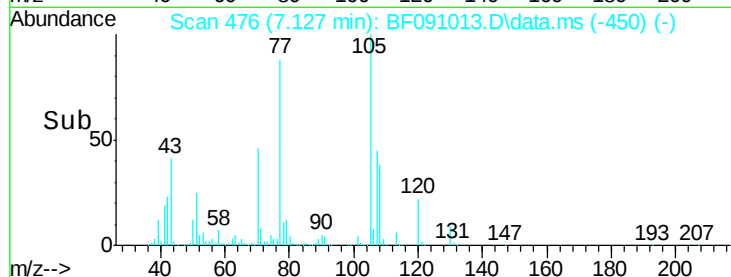
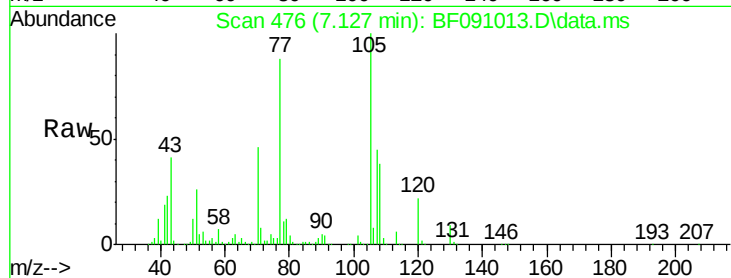
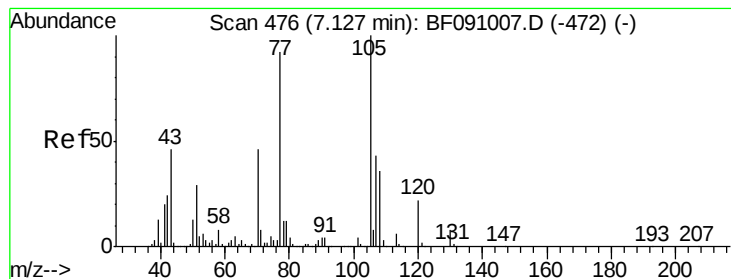
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.0	136.6
77	52.6	43.8	65.8
79	48.6	40.6	60.8



#18
Hexachloroethane
Concen: 37.98 ng
RT: 7.219 min Scan# 484
Delta R.T. 0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.6	115.0
201	104.7	77.1	115.7





#19

n-Nitroso-di-n-propylamine

Concen: 33.24 ng

RT: 7.127 min Scan# 47

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 329999

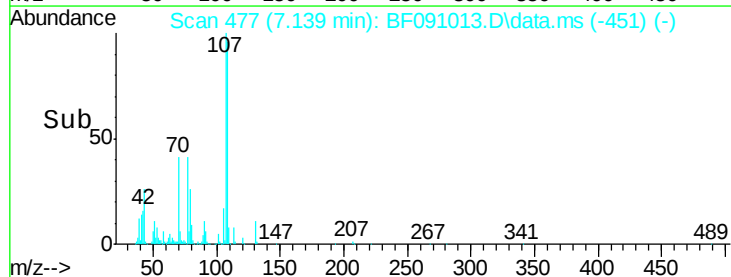
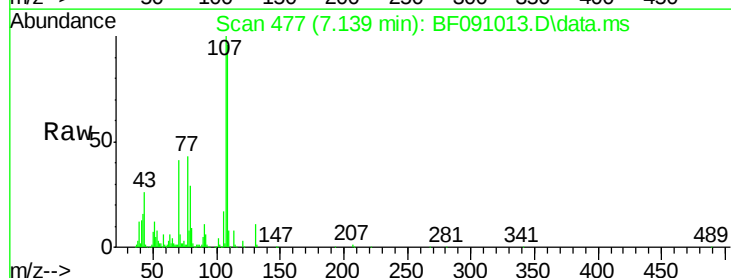
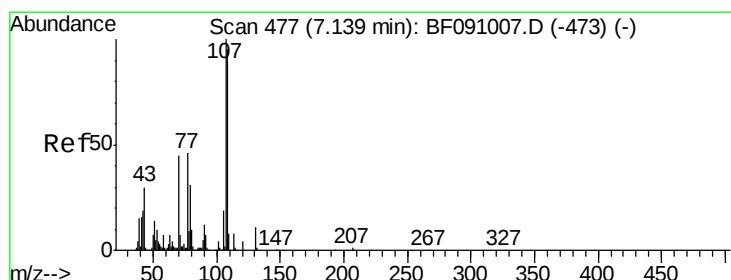
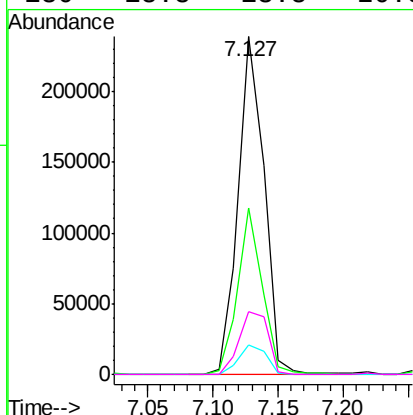
Ion Ratio Lower Upper

70 100

42 49.3 41.7 62.5

101 8.7 6.7 10.1

130 18.8 13.8 20.8



#20

3+4-Methylphenols

Concen: 40.12 ng

RT: 7.139 min Scan# 477

Delta R.T. -0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Tgt Ion:107 Resp: 480087

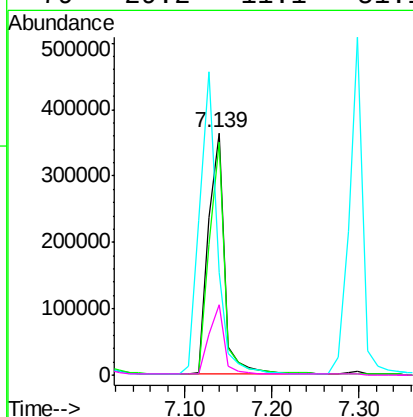
Ion Ratio Lower Upper

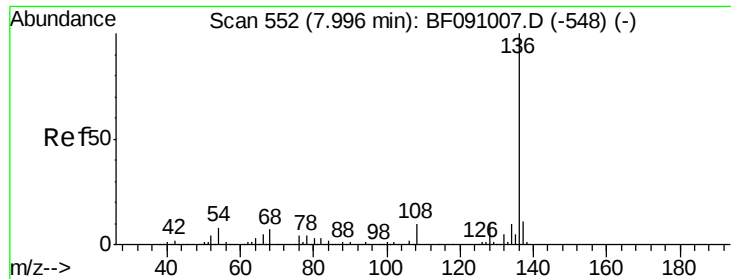
107 100

108 96.5 75.5 115.5

77 42.6 26.4 66.4

79 29.2 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.996 min Scan# 55

Delta R.T. 0.000 min

Lab File: BF091013.D

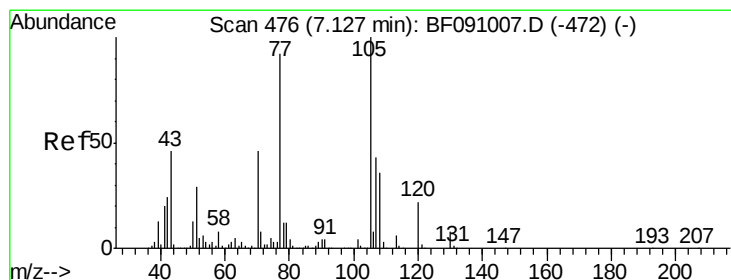
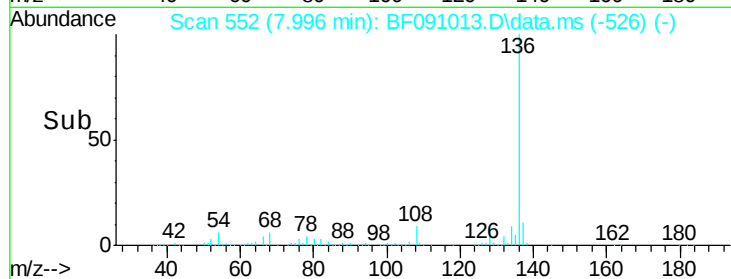
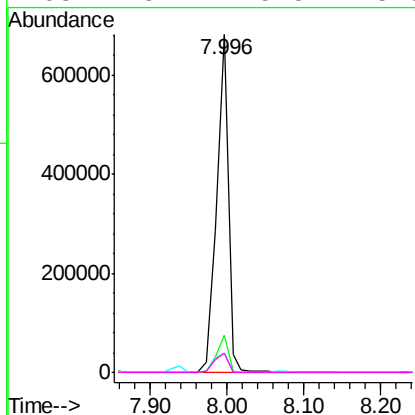
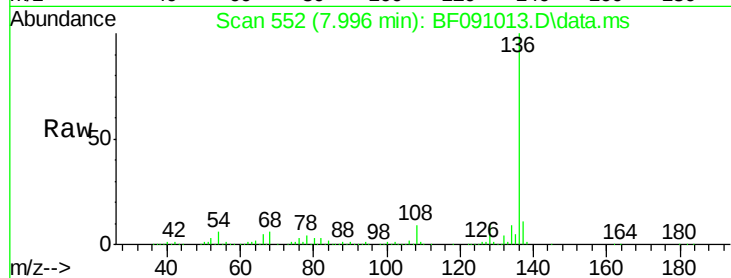
Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	715005
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	5.9	6.2 9.2#
68	5.7	5.5 8.3



#22

Acetophenone

Concen: 39.17 ng

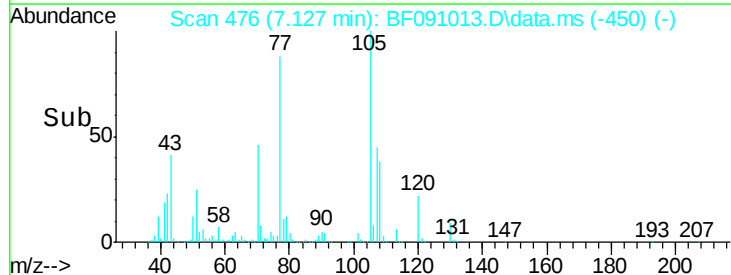
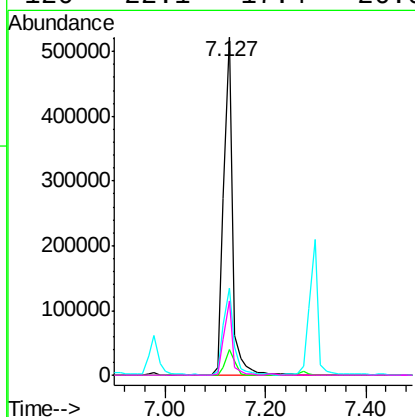
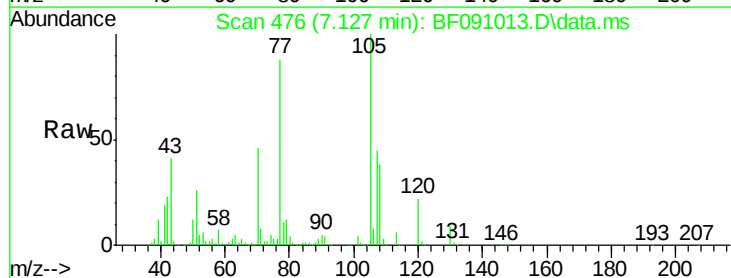
RT: 7.127 min Scan# 476

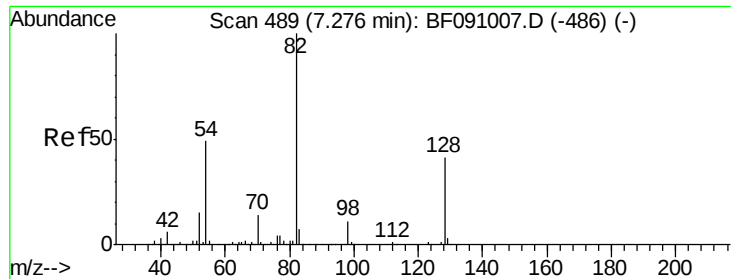
Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Tgt Ion:105	Resp:	644800
Ion Ratio	Lower	Upper
105	100	
71	7.7	6.2 9.2
51	25.6	23.3 34.9
120	22.1	17.4 26.0





#23

Nitrobenzene-d5

Concen: 72.16 ng

RT: 7.276 min Scan# 489

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampleId :

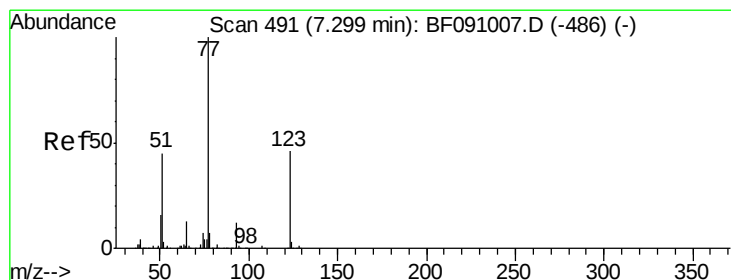
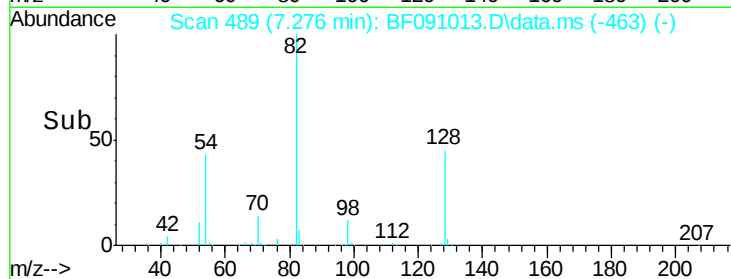
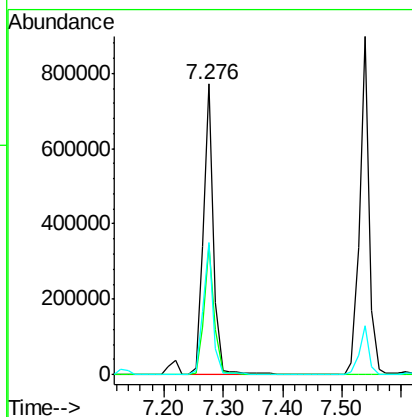
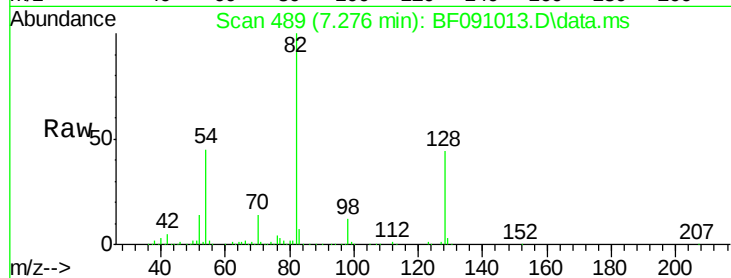
Tot Ion: 82 Resp: 945866

Ion Ratio Lower Upper

82 100

128 44.4 32.4 48.6

54 45.2 39.2 58.8



#24

Nitrobenzene

Concen: 39.00 ng

RT: 7.299 min Scan# 491

Delta R.T. -0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

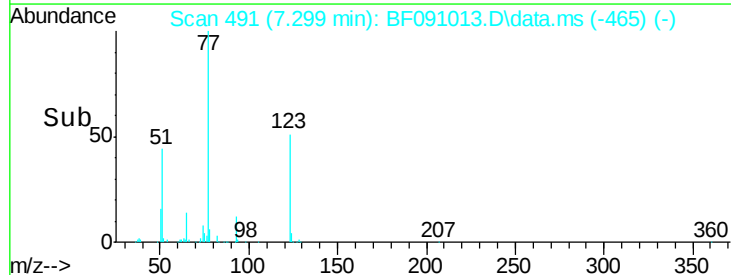
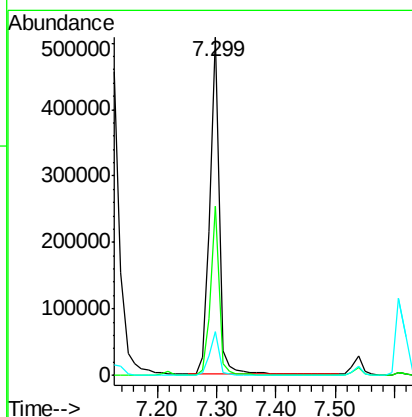
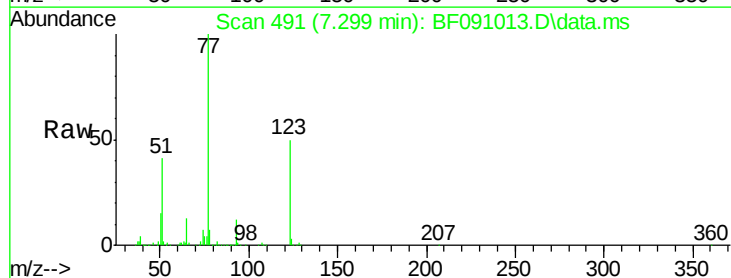
Tgt Ion: 77 Resp: 564495

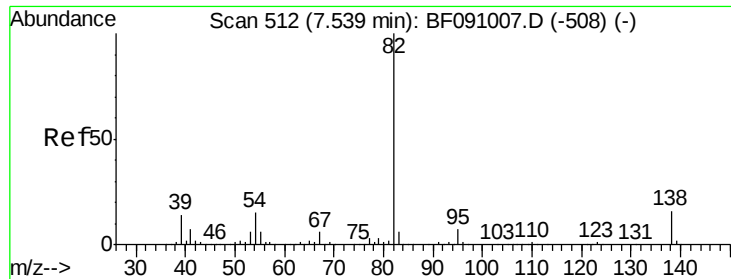
Ion Ratio Lower Upper

77 100

123 50.1 36.5 54.7

65 12.9 10.7 16.1





#25

Isophorone

Concen: 39.41 ng

RT: 7.539 min Scan# 51

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampleId :

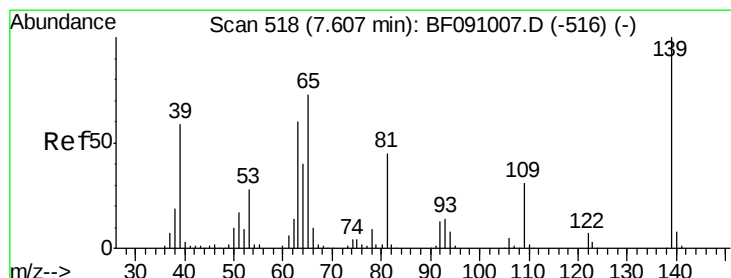
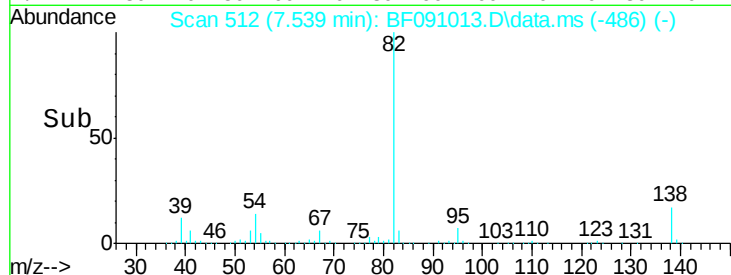
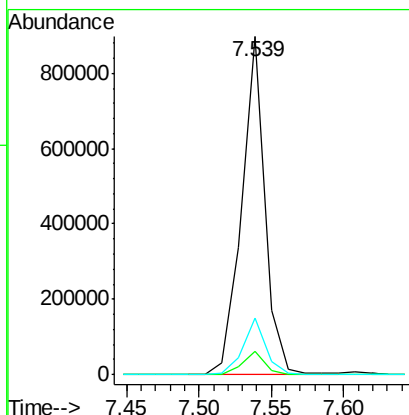
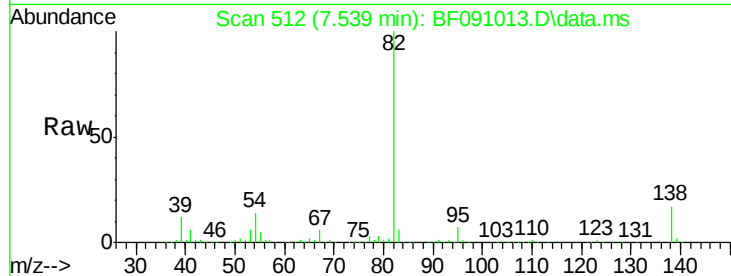
Tot Ion: 82 Resp: 995403

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

138 16.8 13.0 19.4



#26

2-Nitrophenol

Concen: 42.51 ng

RT: 7.607 min Scan# 518

Delta R.T. -0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

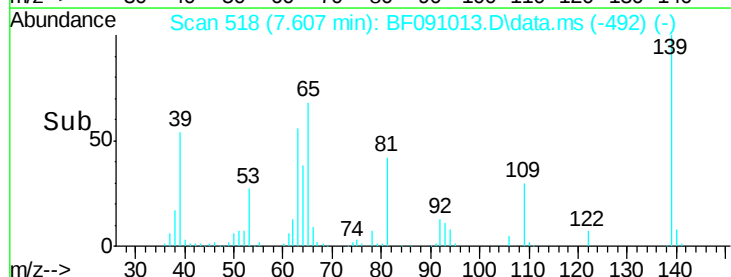
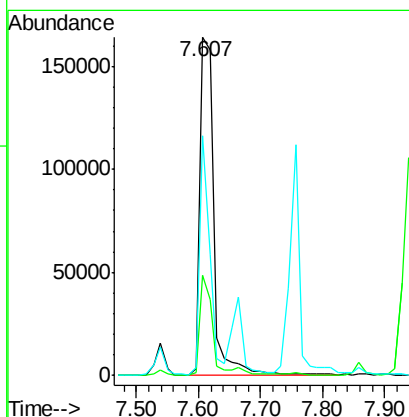
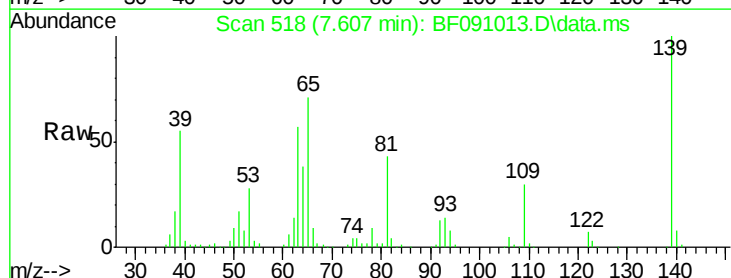
Tgt Ion: 139 Resp: 260424

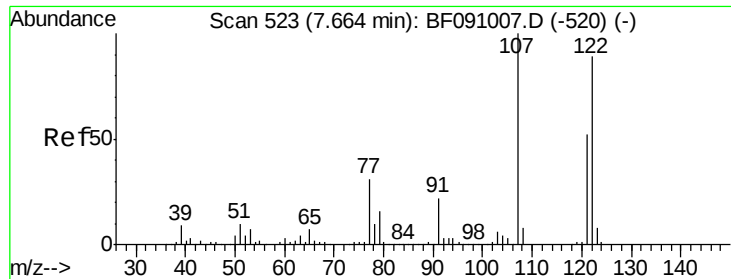
Ion Ratio Lower Upper

139 100

109 29.7 24.7 37.1

65 70.7 58.3 87.5

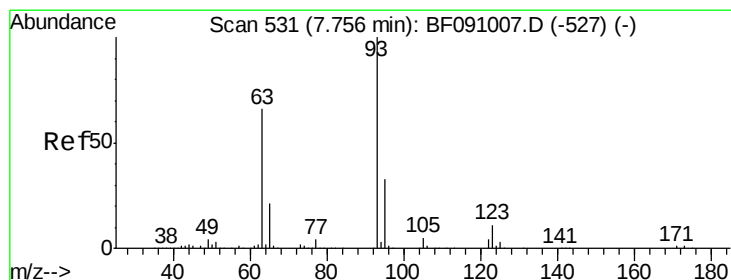
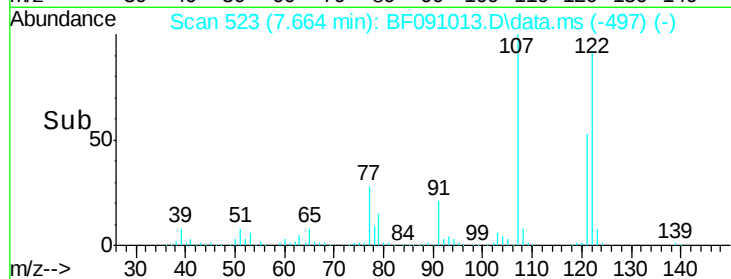
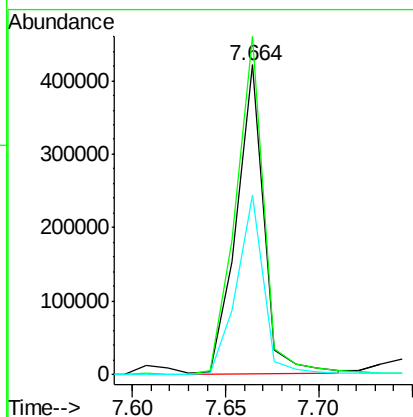
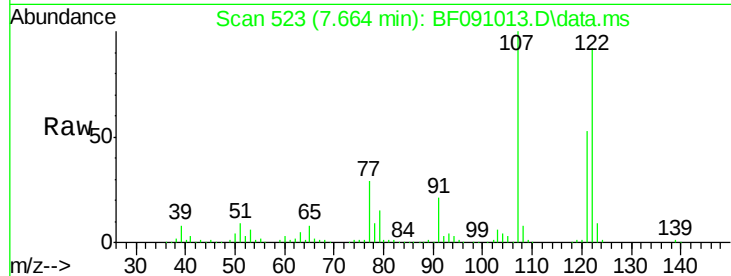




#27
2,4-Dimethylphenol
Concen: 42.73 ng
RT: 7.664 min Scan# 523
Delta R.T. -0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

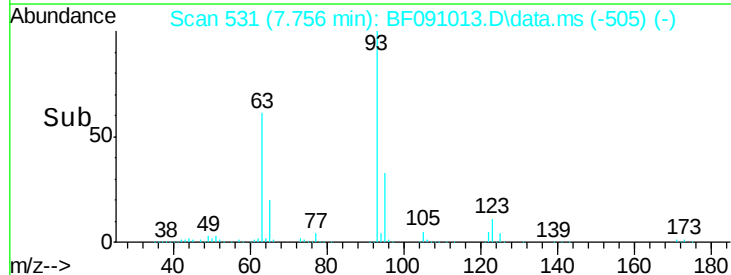
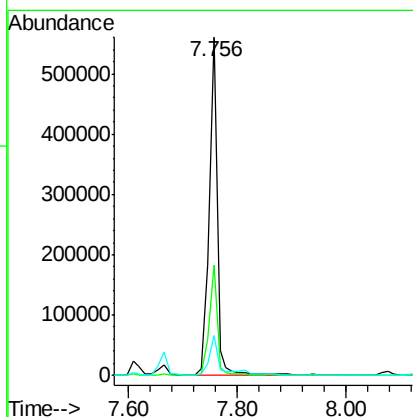
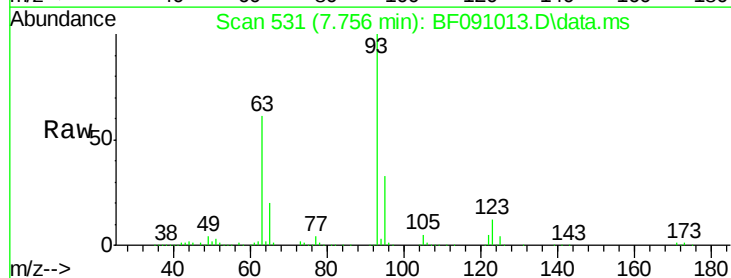
Instrument :
BNA_F
ClientSampleId :

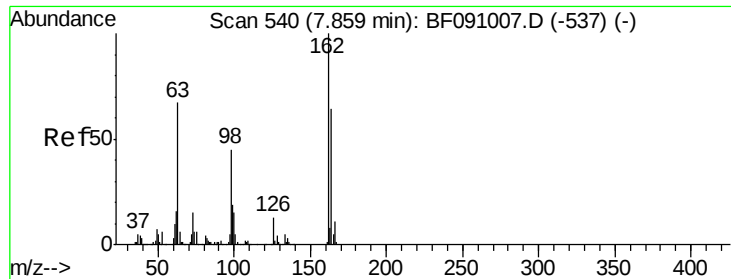
Tot Ion:122 Resp: 432881
Ion Ratio Lower Upper
122 100
107 109.2 89.6 134.4
121 58.1 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 41.55 ng
RT: 7.756 min Scan# 531
Delta R.T. 0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

Tgt Ion: 93 Resp: 573345
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 11.6 8.7 13.1

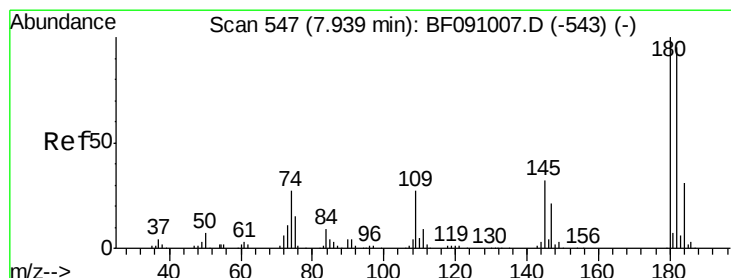
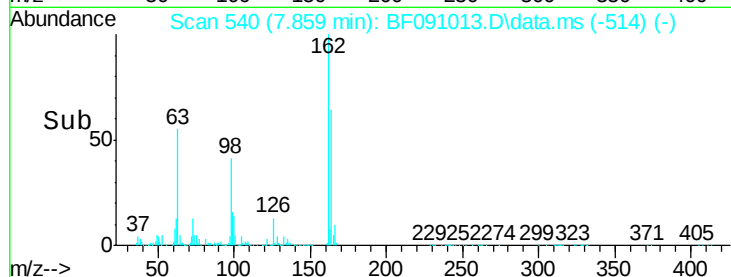
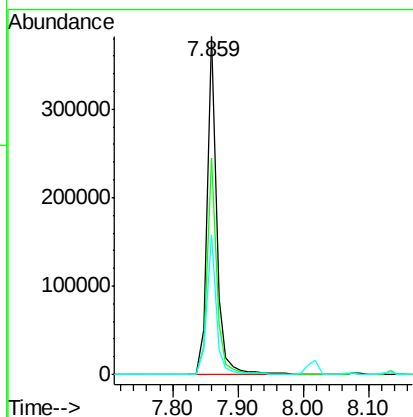
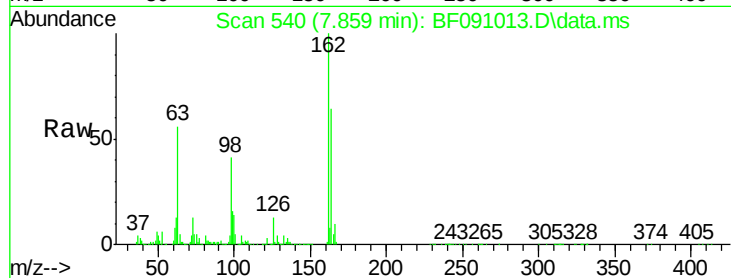




#29
2,4-Dichlorophenol
Concen: 43.76 ng
RT: 7.859 min Scan# 540
Delta R.T. 0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

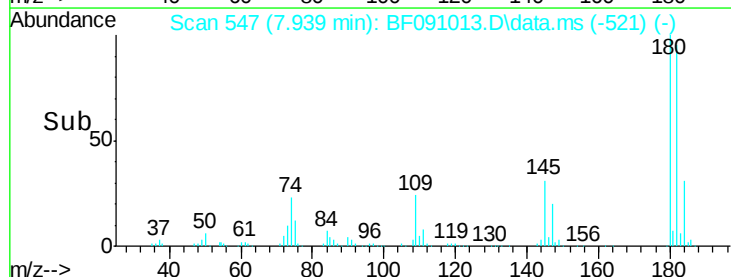
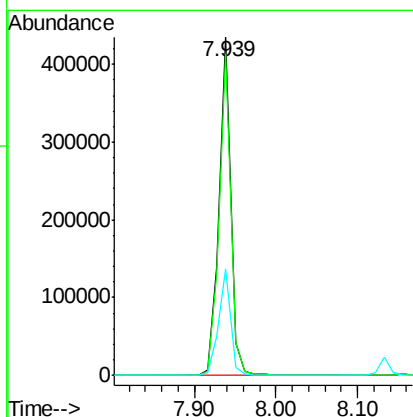
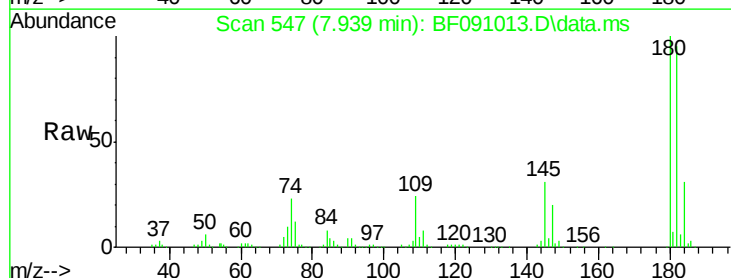
Instrument :
BNA_F
ClientSampleId :

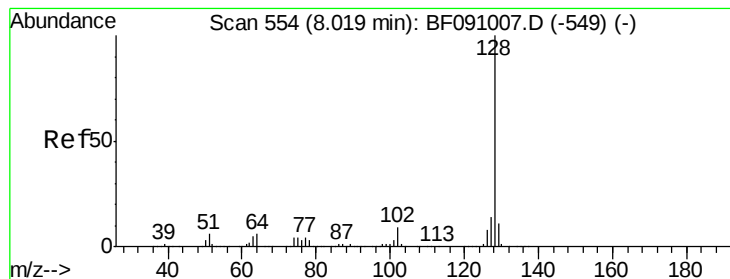
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.4	84.4
98	41.4	25.2	65.2



#30
1,2,4-Trichlorobenzene
Concen: 43.72 ng
RT: 7.939 min Scan# 547
Delta R.T. -0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.0	114.0
145	31.4	25.8	38.8





#31

Naphthalene

Concen: 41.23 ng

RT: 8.019 min Scan# 554

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

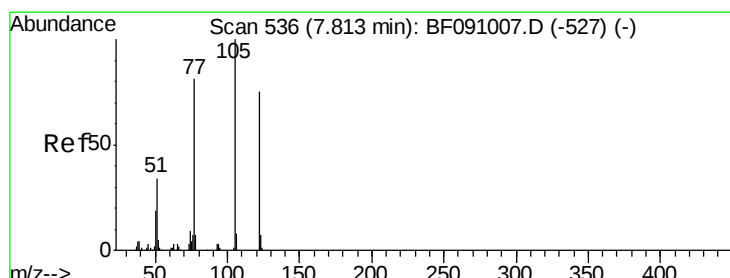
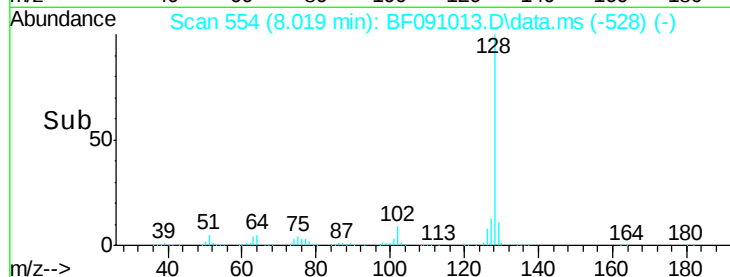
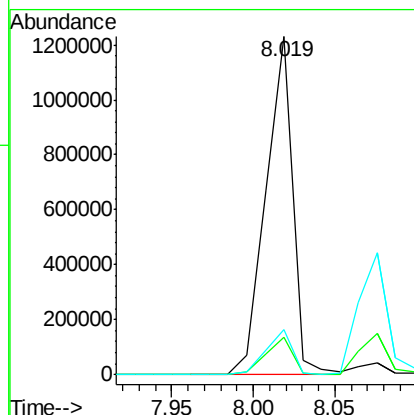
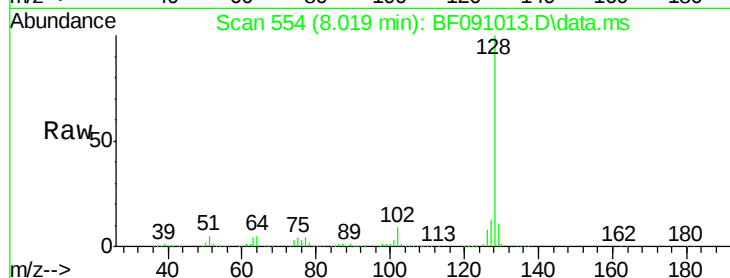
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1409781

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.3	10.9	16.3



#32

Benzoic acid

Concen: 39.62 ng

RT: 7.813 min Scan# 536

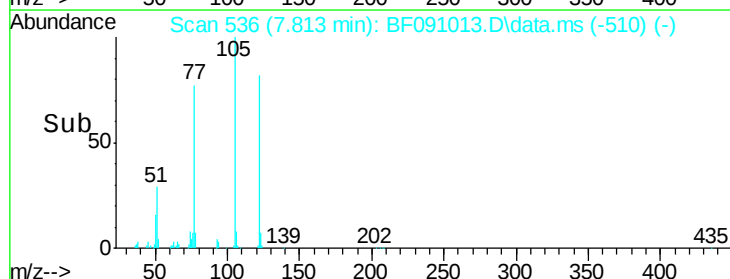
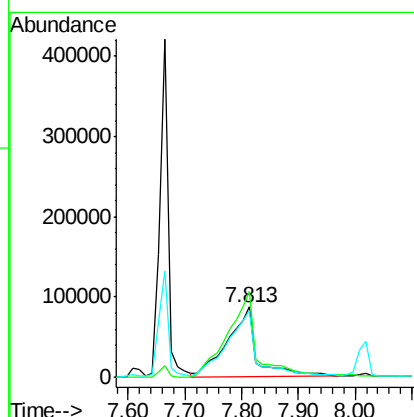
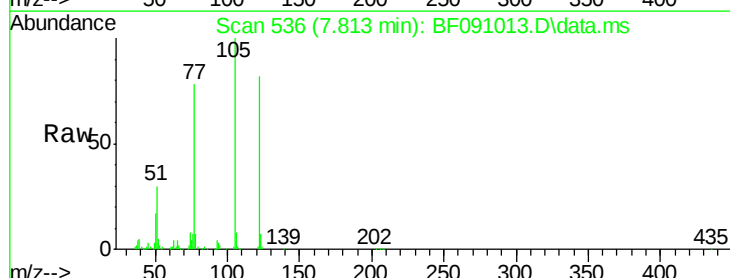
Delta R.T. 0.000 min

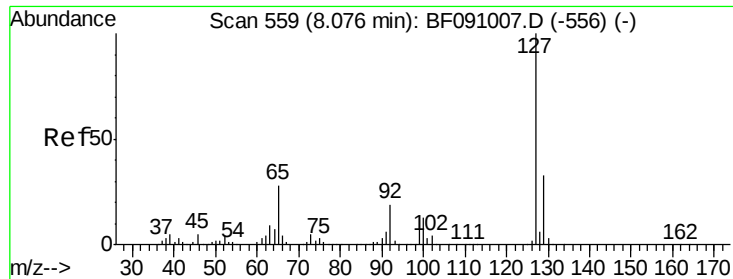
Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Tgt Ion:122 Resp: 305332

Ion	Ratio	Lower	Upper
122	100		
105	122.1	105.9	145.9
77	95.2	84.0	124.0

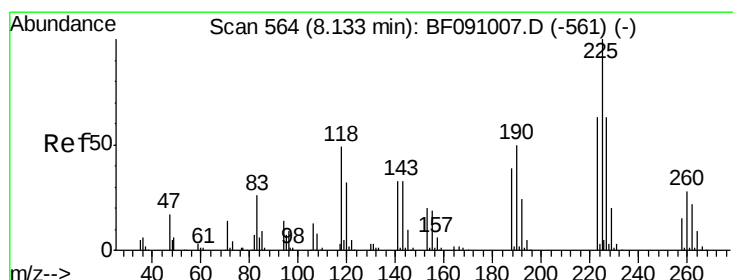
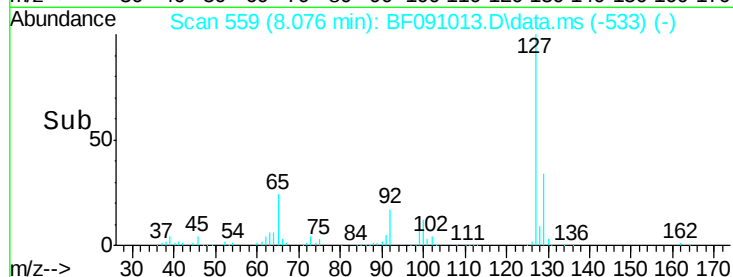
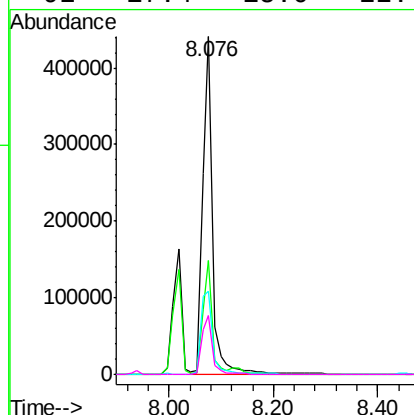
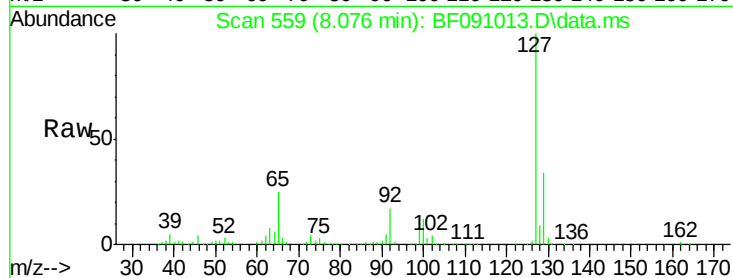




#33
4-Chloroaniline
Concen: 40.82 ng
RT: 8.076 min Scan# 559
Delta R.T. 0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

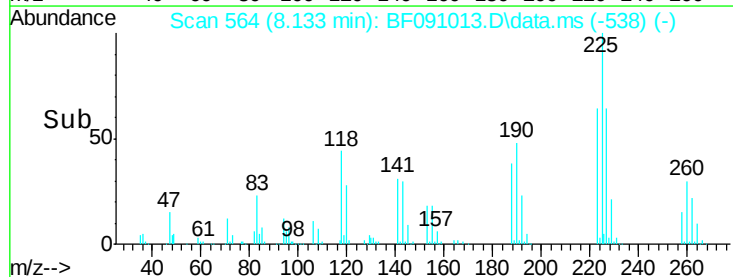
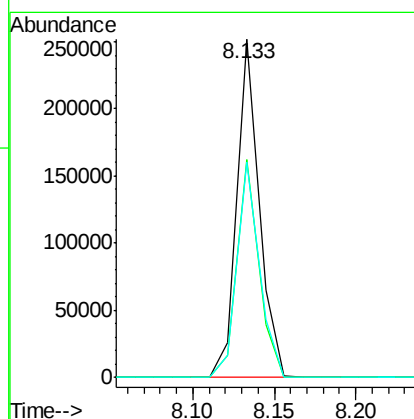
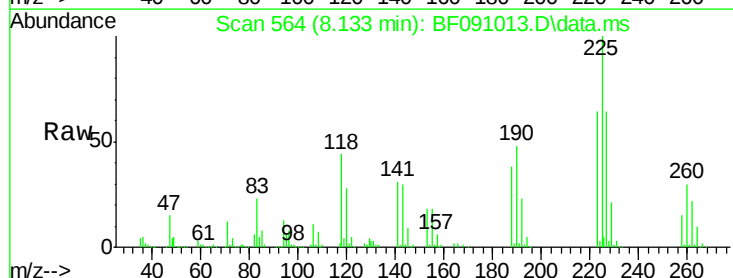
Instrument :
BNA_F
ClientSampleId :

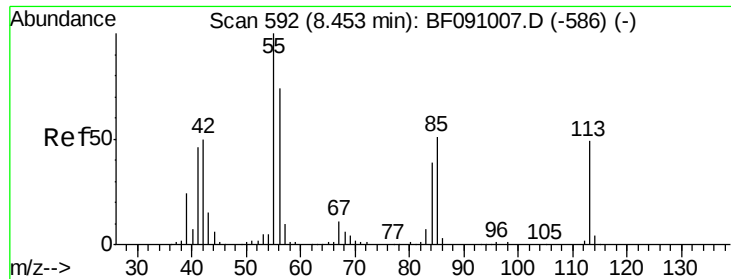
Tot Ion:	127	Resp:	580547
Ion Ratio	Lower	Upper	
127	100		
129	33.9	26.6	39.8
65	24.6	22.2	33.2
92	17.4	15.0	22.4



#34
Hexachlorobutadiene
Concen: 43.90 ng
RT: 8.133 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

Tgt Ion:	225	Resp:	235563
Ion Ratio	Lower	Upper	
225	100		
223	64.5	50.4	75.6
227	63.7	50.1	75.1





#35

Caprolactam

Concen: 43.03 ng

RT: 8.453 min Scan# 59

Delta R.T. -0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampleId :

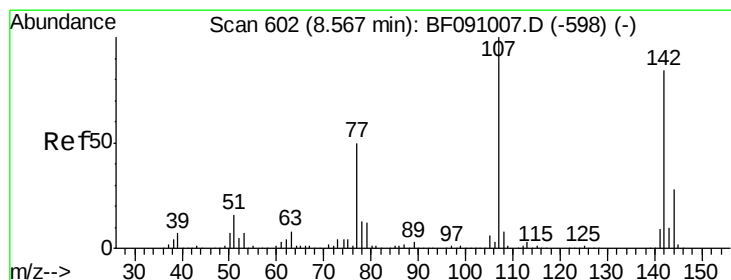
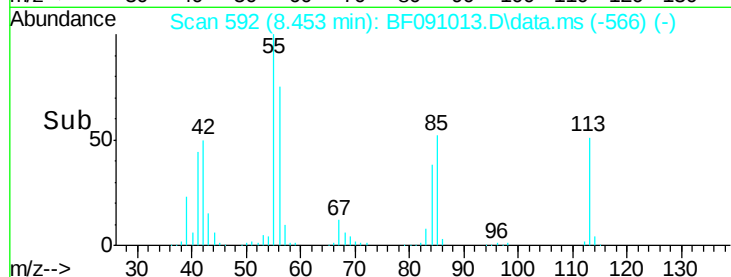
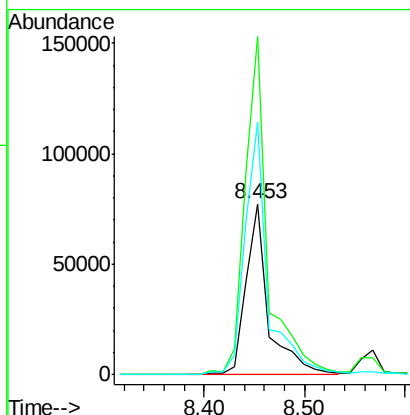
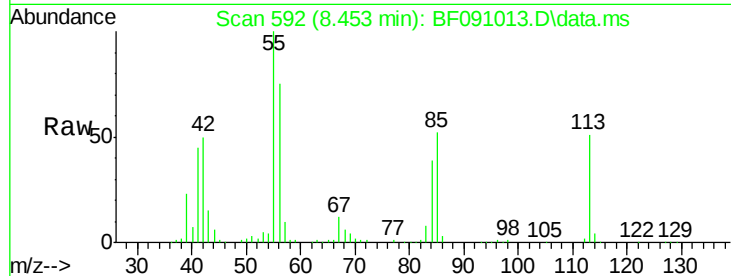
Tot Ion:113 Resp: 119521

Ion Ratio Lower Upper

113 100

55 197.7 184.1 224.1

56 147.4 132.0 172.0



#36

4-Chloro-3-methylphenol

Concen: 43.88 ng

RT: 8.567 min Scan# 602

Delta R.T. -0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

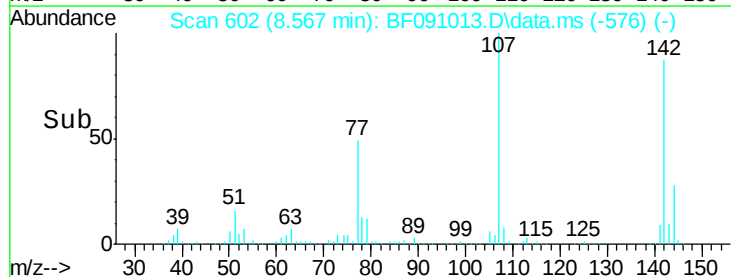
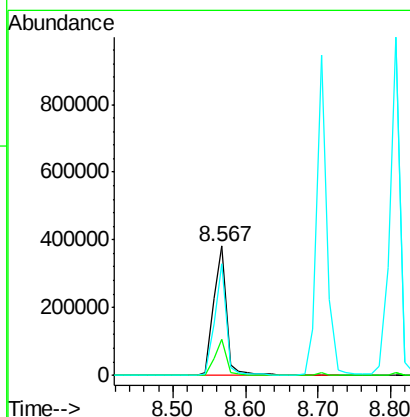
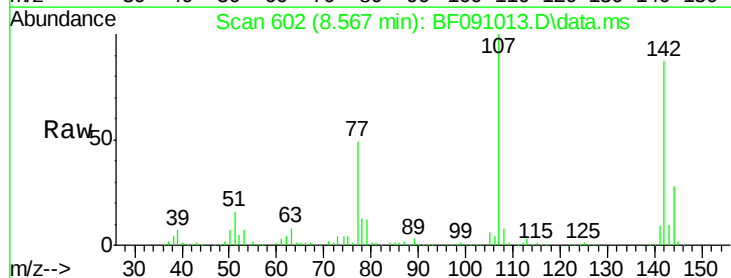
Tgt Ion:107 Resp: 469712

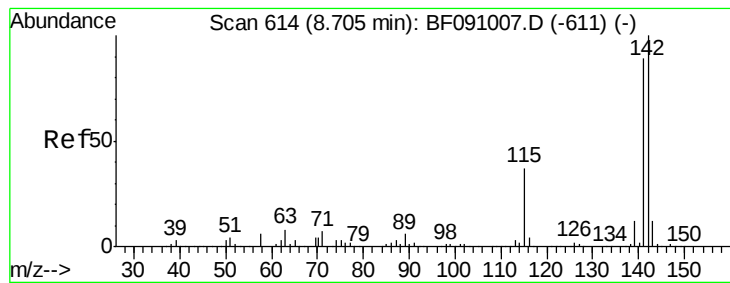
Ion Ratio Lower Upper

107 100

144 28.3 22.5 33.7

142 86.6 67.4 101.2





#37

2-Methylnaphthalene

Concen: 41.84 ng

RT: 8.705 min Scan# 61

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampleId :

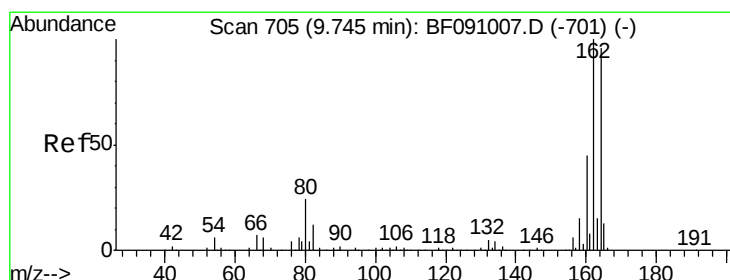
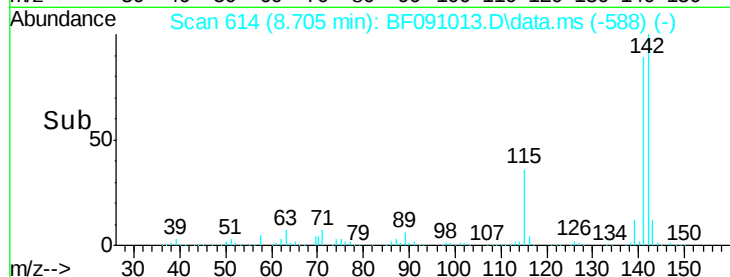
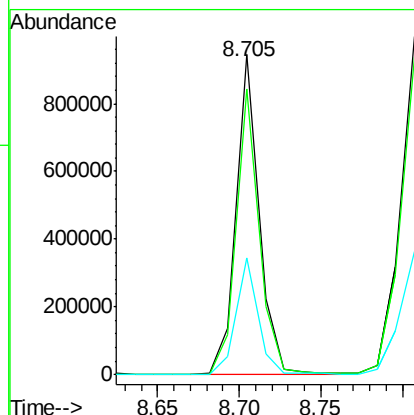
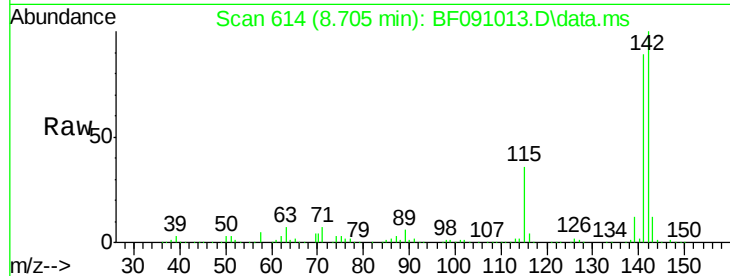
Tot Ion:142 Resp: 919727

Ion Ratio Lower Upper

142 100

141 89.1 71.3 106.9

115 36.3 29.9 44.9



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.745 min Scan# 705

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

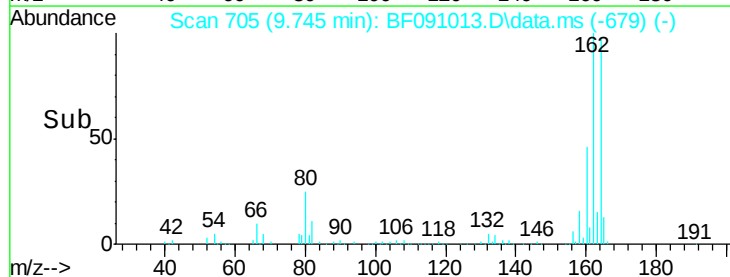
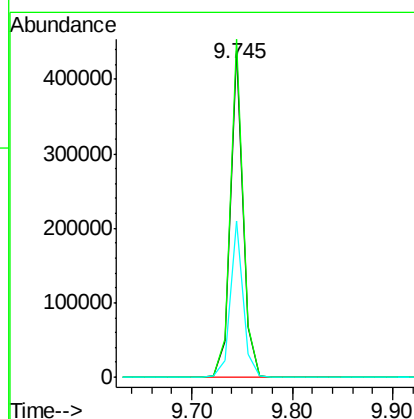
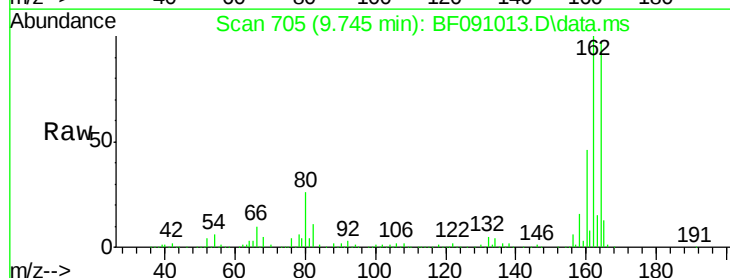
Tgt Ion:164 Resp: 385231

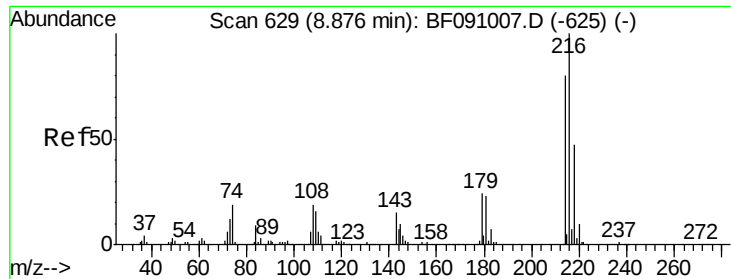
Ion Ratio Lower Upper

164 100

162 103.4 83.6 125.4

160 47.9 37.9 56.9

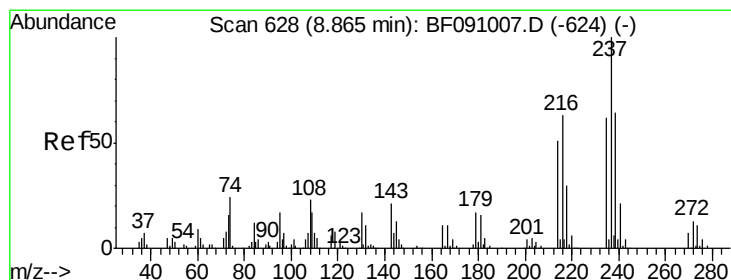
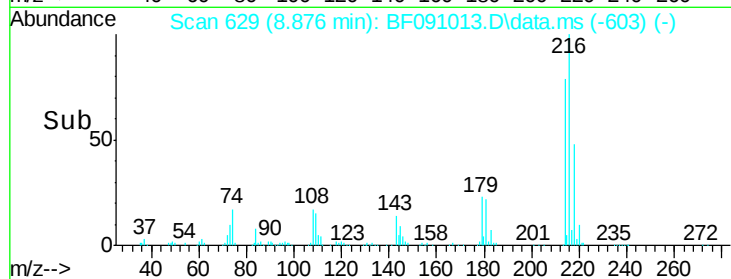
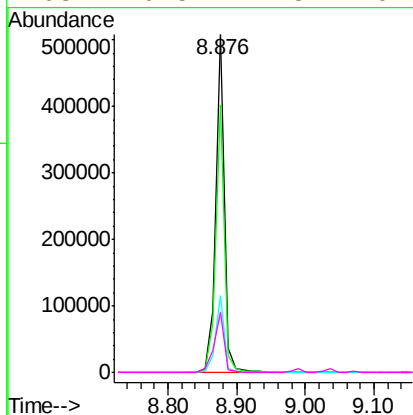
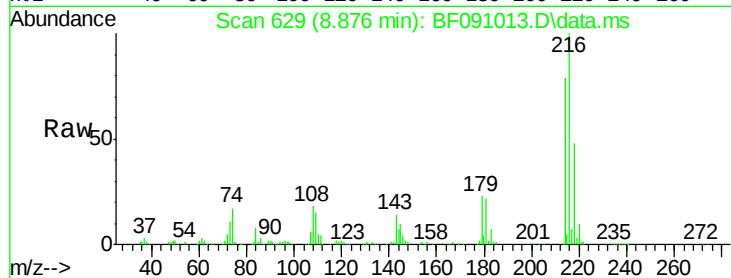




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.19 ng
 RT: 8.876 min Scan# 629
 Delta R.T. -0.000 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

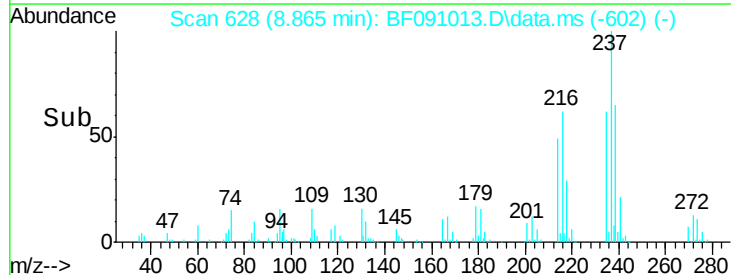
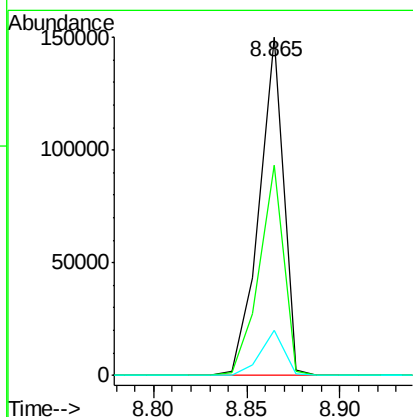
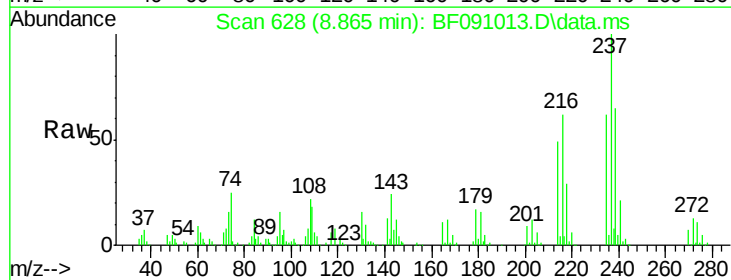
Instrument :
 BNA_F
 ClientSampled :

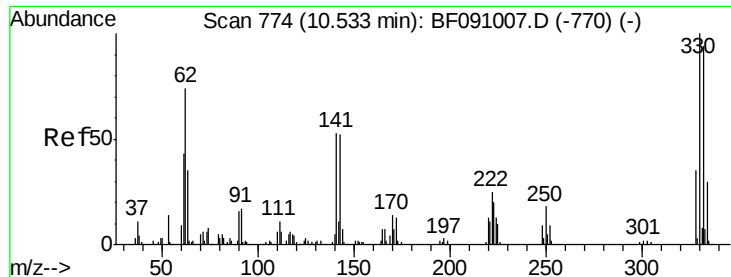
Tot Ion:	216	Resp:	453685
Ion Ratio		Lower	Upper
216	100		
214	78.8	63.5	95.3
179	23.0	19.1	28.7
108	20.5	17.5	26.3



#40
 Hexachlorocyclopentadiene
 Concen: 39.41 ng
 RT: 8.865 min Scan# 628
 Delta R.T. 0.001 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

Tgt Ion:	237	Resp:	135615
Ion Ratio		Lower	Upper
237	100		
235	62.2	42.1	82.1
272	13.4	0.0	33.1

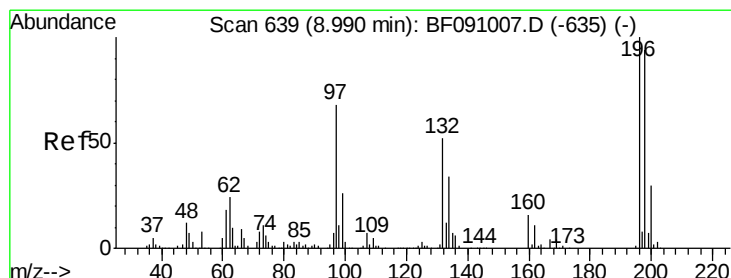
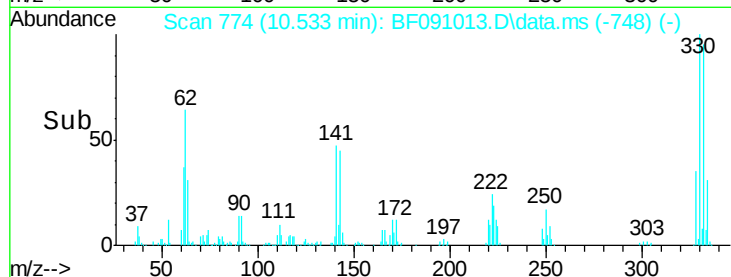
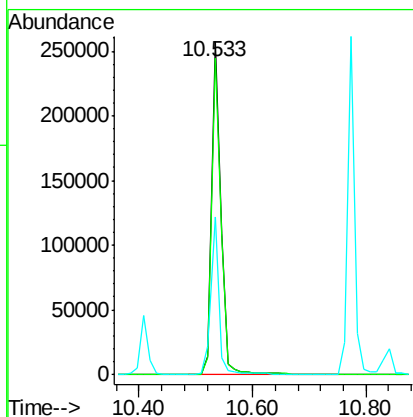
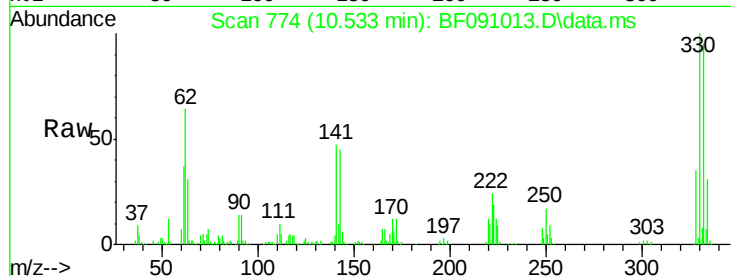




#41
 2,4,6-Tribromophenol
 Concen: 79.91 ng
 RT: 10.533 min Scan# 774
 Delta R.T. 0.000 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

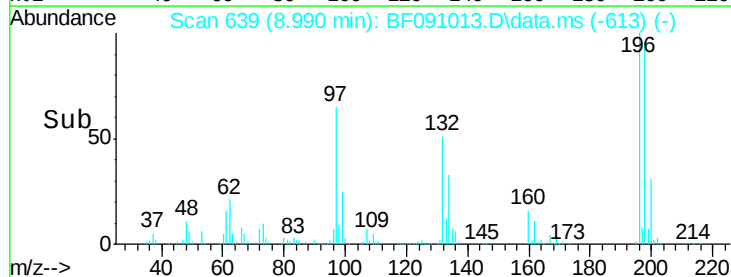
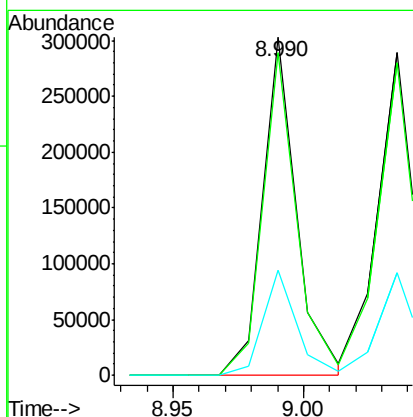
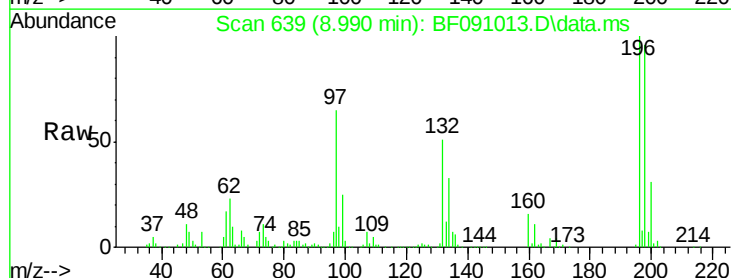
Instrument :
 BNA_F
 ClientSampleID :

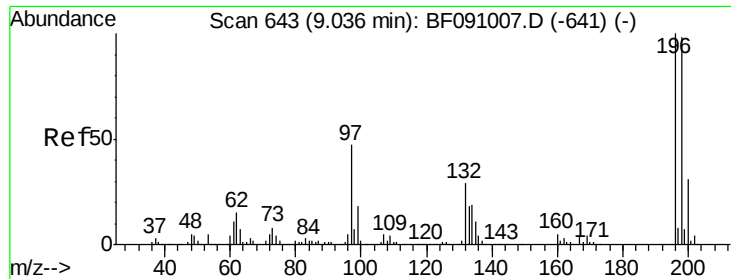
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.9	113.9
141	42.2	36.1	54.1



#42
 2,4,6-Trichlorophenol
 Concen: 43.32 ng
 RT: 8.990 min Scan# 639
 Delta R.T. -0.000 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.4	113.0
200	30.9	24.1	36.1

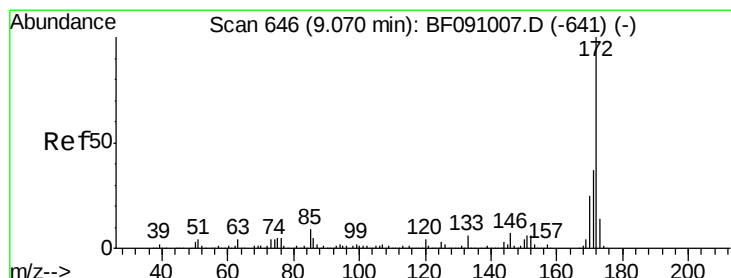
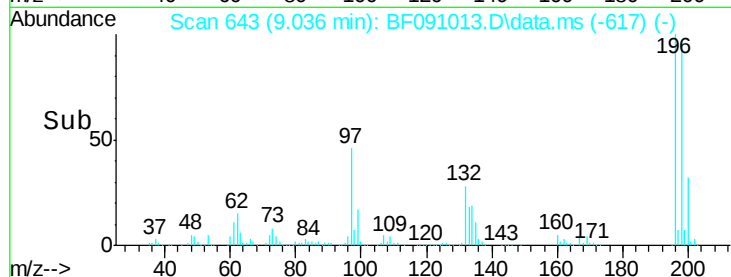
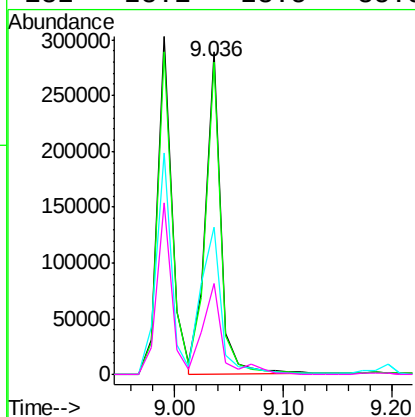
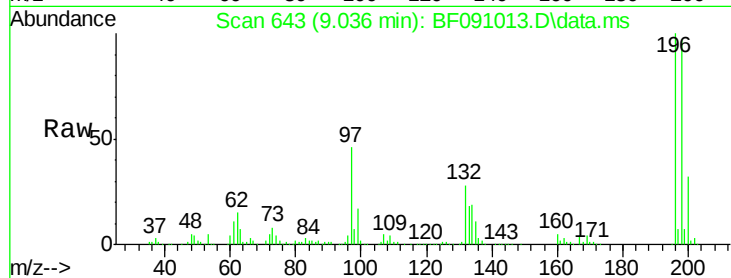




#43
 2,4,5-Trichlorophenol
 Concen: 43.34 ng
 RT: 9.036 min Scan# 641
 Delta R.T. -0.000 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

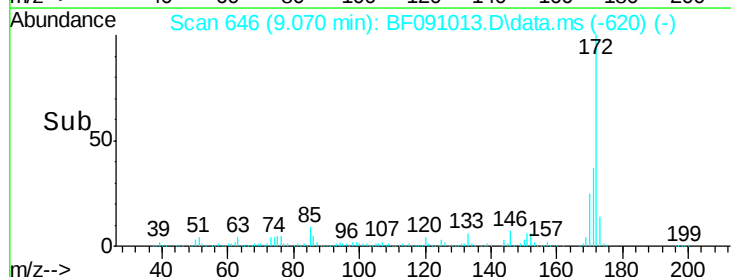
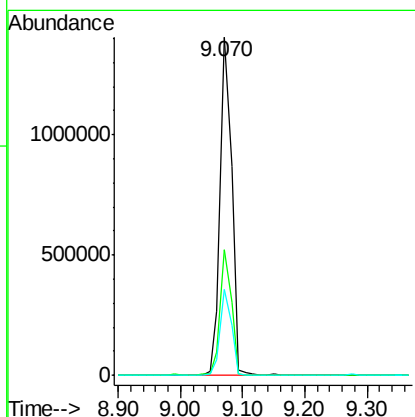
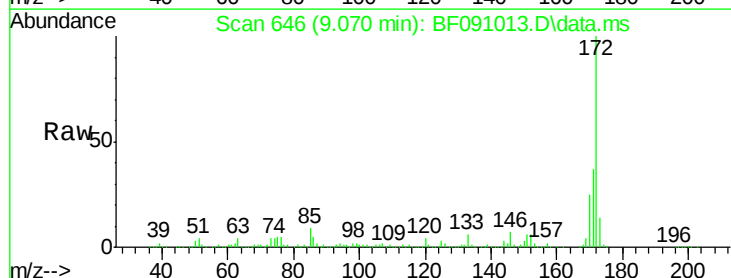
Instrument :
 BNA_F
 ClientSampleId :

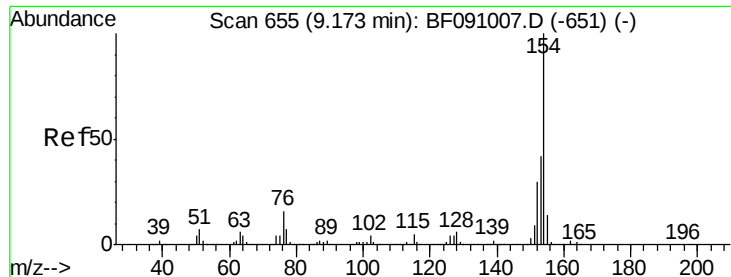
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	78.2	117.4
97	45.5	38.8	58.2
132	28.1	23.5	35.3



#44
 2-Fluorobiphenyl
 Concen: 80.00 ng
 RT: 9.070 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	25.4	20.3	30.5

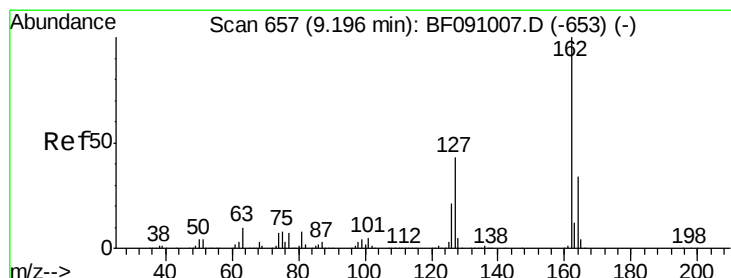
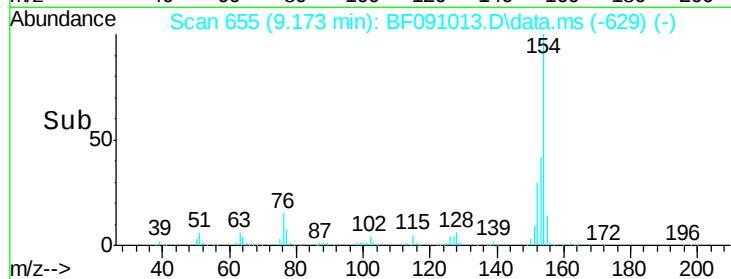
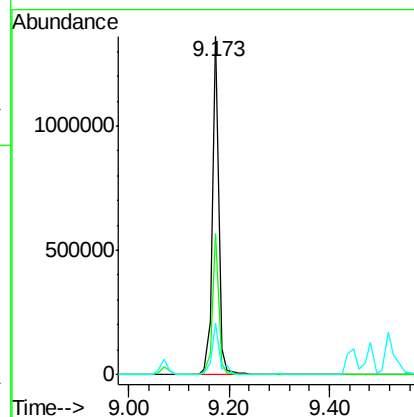
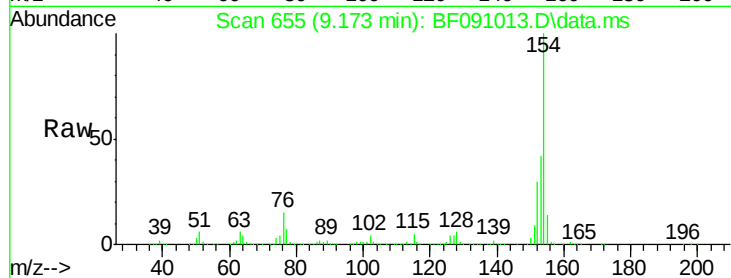




#45
 1,1'-Biphenyl
 Concen: 42.61 ng
 RT: 9.173 min Scan# 655
 Delta R.T. 0.000 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

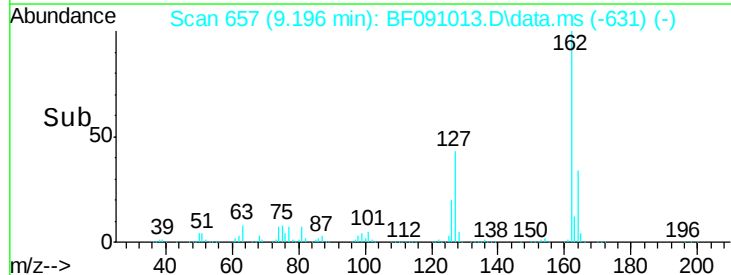
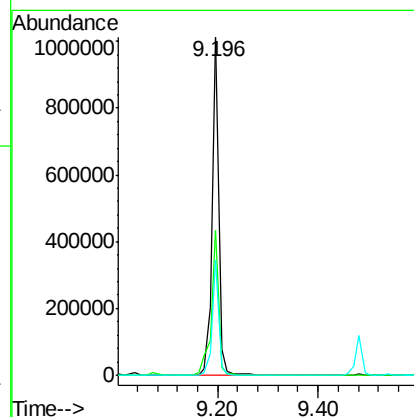
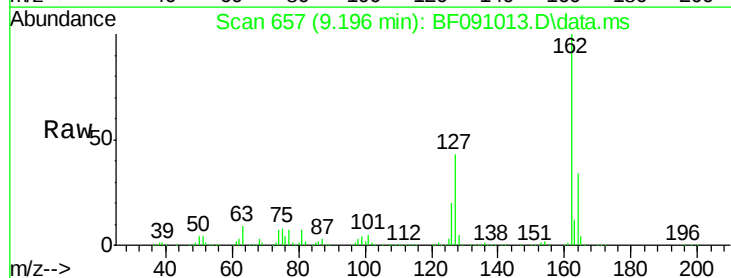
Instrument :
 BNA_F
 ClientSampleId :

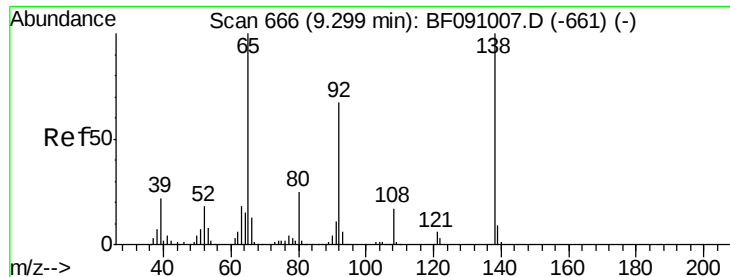
Tot Ion:154 Resp: 1198669
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.6 61.6
 76 15.3 0.0 36.2



#46
 2-Chloronaphthalene
 Concen: 43.39 ng
 RT: 9.196 min Scan# 657
 Delta R.T. -0.000 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

Tgt Ion:162 Resp: 926622
 Ion Ratio Lower Upper
 162 100
 127 42.9 34.7 52.1
 164 34.0 27.0 40.4

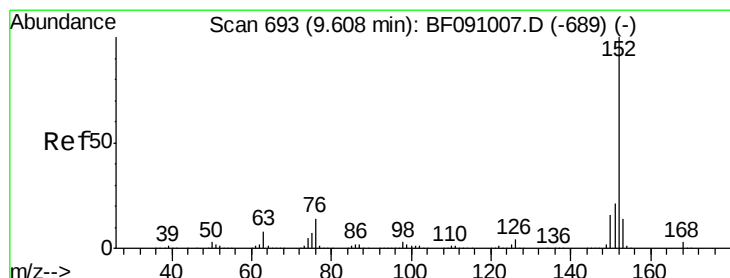
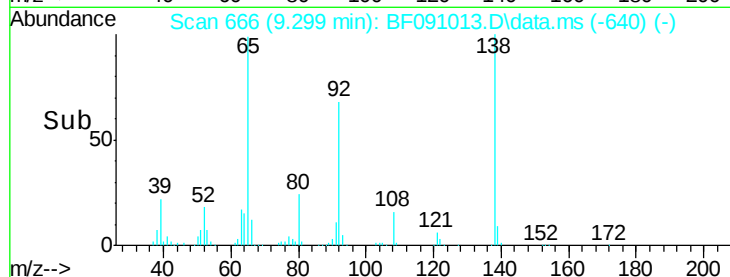
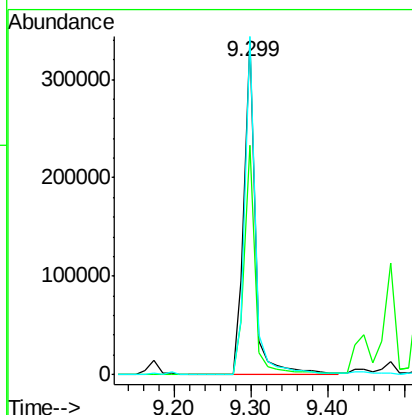
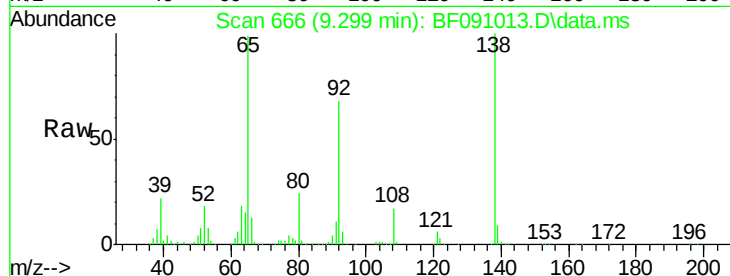




#47
2-Nitroaniline
Concen: 44.89 ng
RT: 9.299 min Scan# 666
Delta R.T. -0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

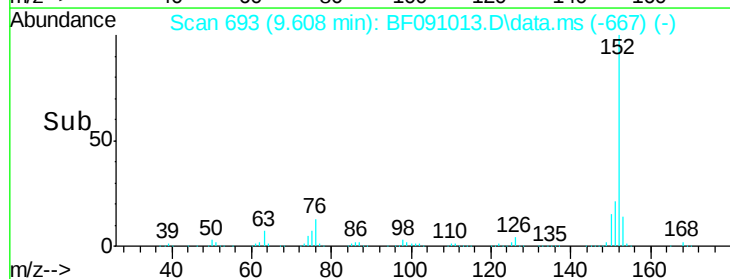
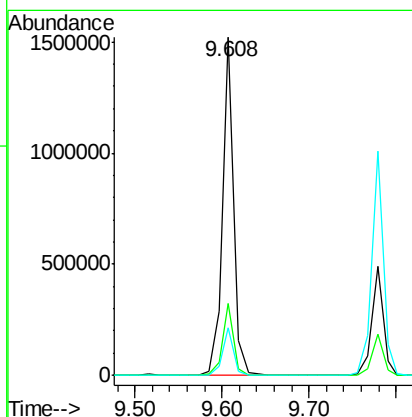
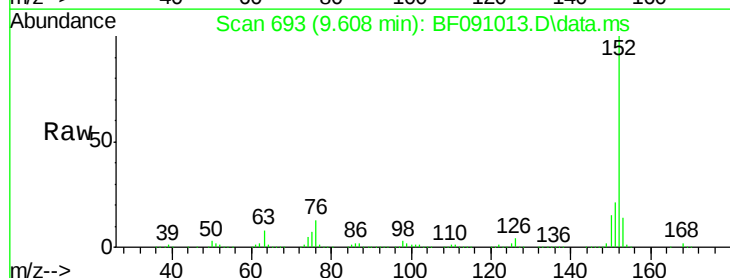
Instrument :
BNA_F
ClientSampleId :

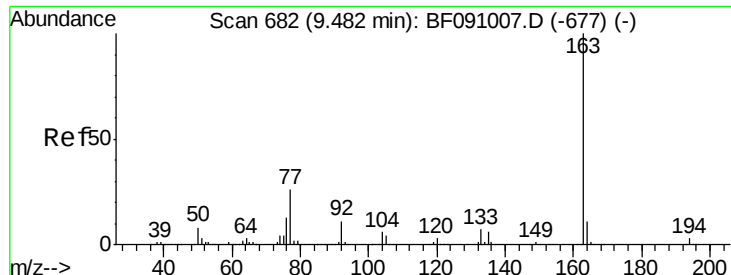
Tot Ion: 65 Resp: 355815
Ion Ratio Lower Upper
65 100
92 68.5 53.9 80.9
138 101.0 80.1 120.1



#48
Acenaphthylene
Concen: 41.35 ng
RT: 9.608 min Scan# 693
Delta R.T. -0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

Tgt Ion: 152 Resp: 1376393
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1
153 13.9 11.1 16.7





#49

Dimethylphthalate

Concen: 40.41 ng

RT: 9.482 min Scan# 68

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampleId :

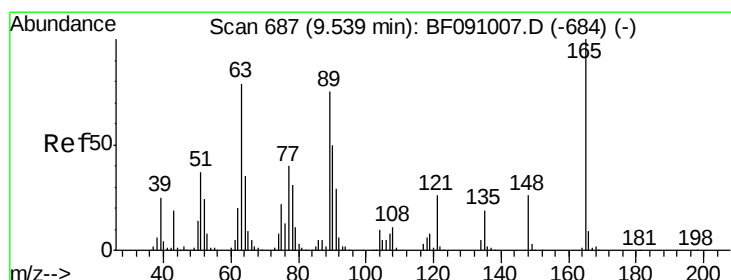
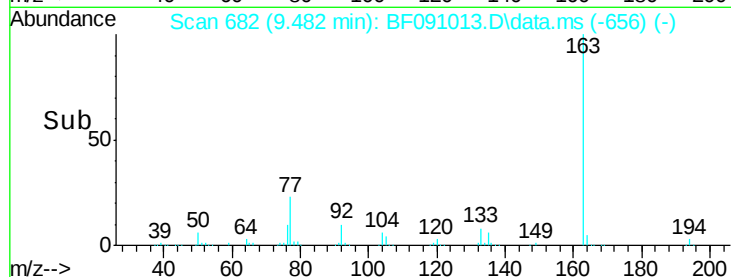
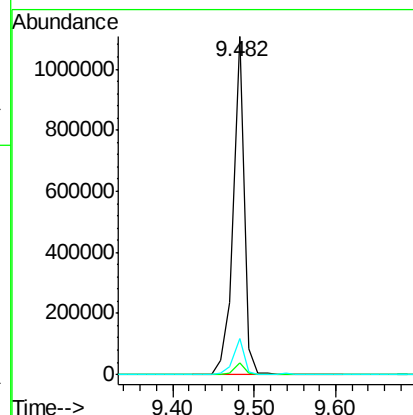
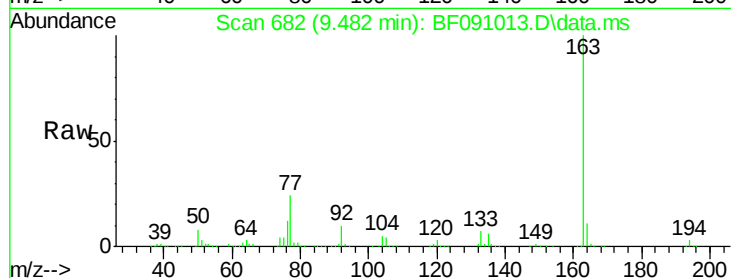
Tot Ion:163 Resp: 1020883

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

164 10.8 8.7 13.1



#50

2,6-Dinitrotoluene

Concen: 37.75 ng

RT: 9.539 min Scan# 687

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

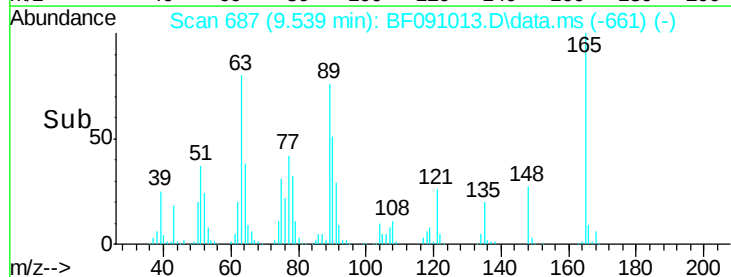
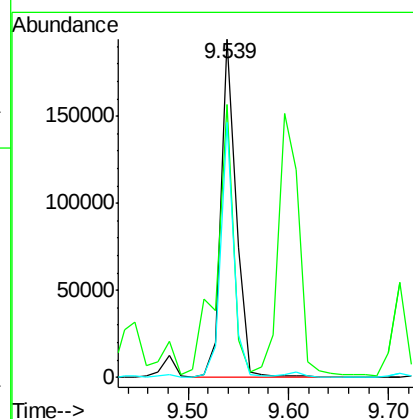
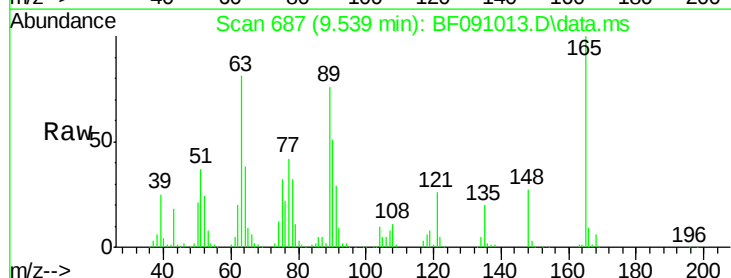
Tgt Ion:165 Resp: 204387

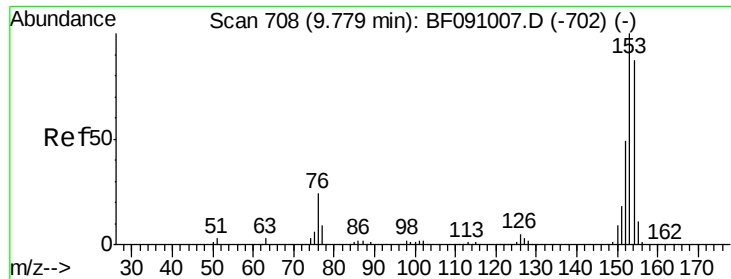
Ion Ratio Lower Upper

165 100

63 80.8 65.6 98.4

89 75.6 59.8 89.6





#51

Acenaphthene

Concen: 39.48 ng

RT: 9.779 min Scan# 708

Delta R.T. -0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampleId :

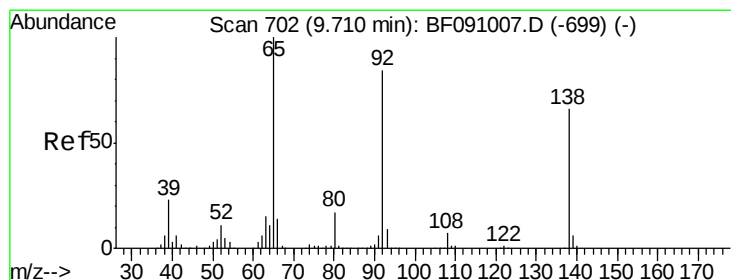
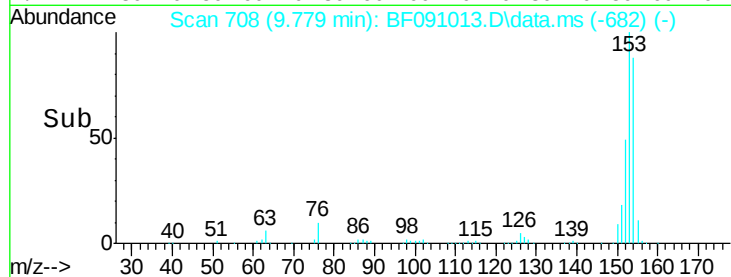
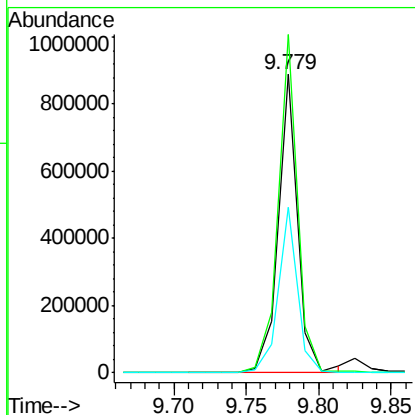
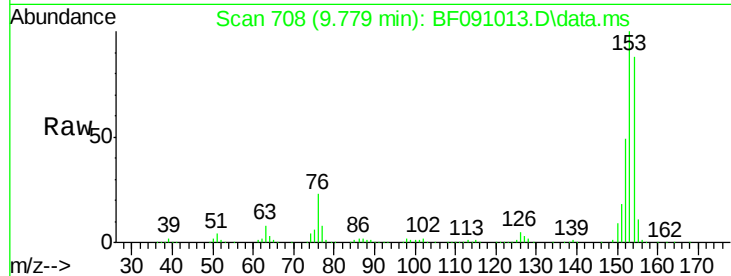
Tot Ion:154 Resp: 824871

Ion Ratio Lower Upper

154 100

153 113.3 91.6 137.4

152 55.4 44.6 67.0



#52

3-Nitroaniline

Concen: 41.44 ng

RT: 9.710 min Scan# 702

Delta R.T. -0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

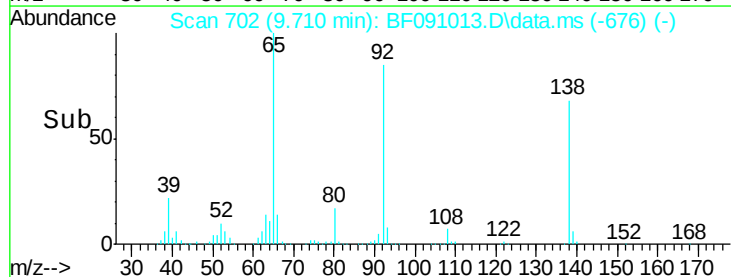
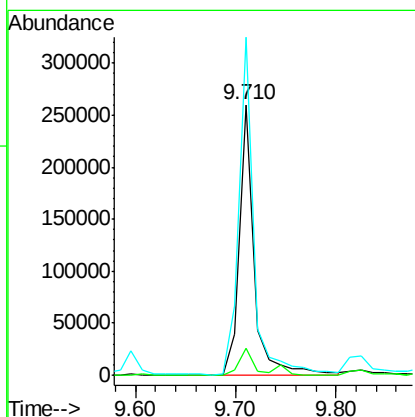
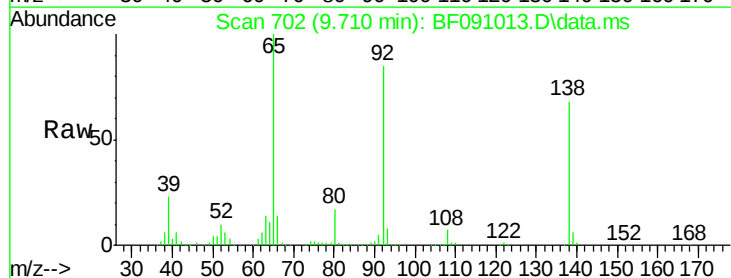
Tgt Ion:138 Resp: 266007

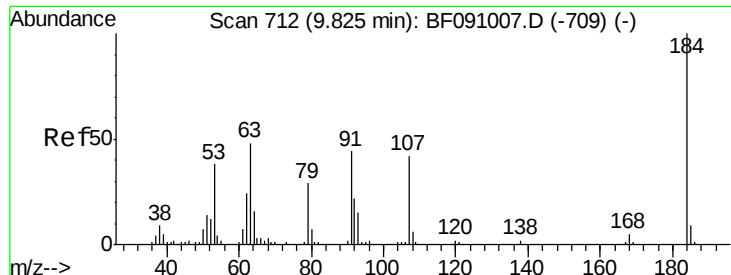
Ion Ratio Lower Upper

138 100

108 10.1 8.4 12.6

92 124.9 101.1 151.7

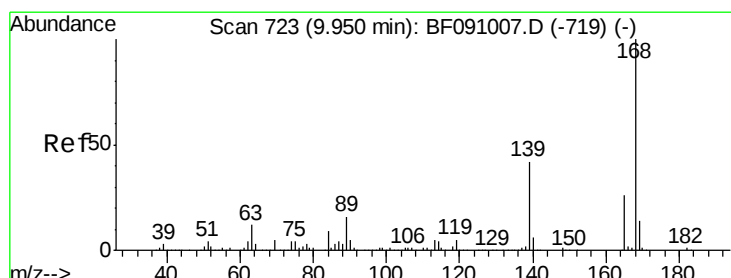
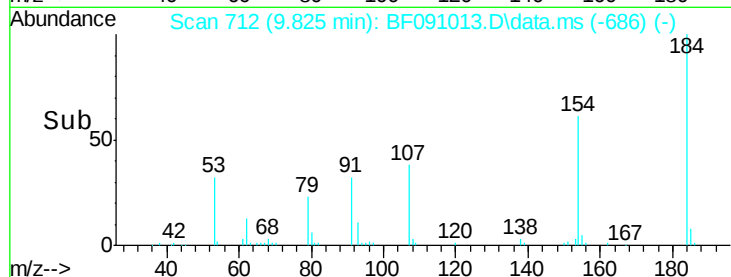
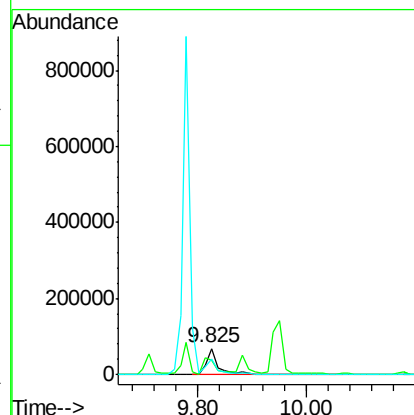
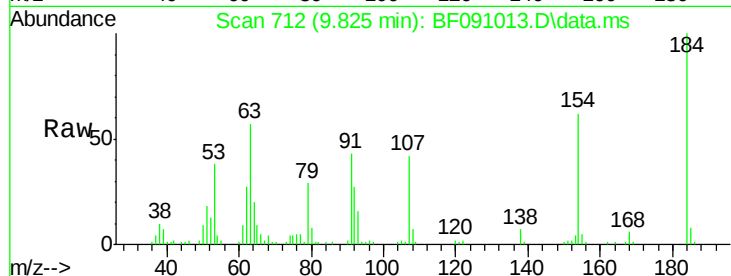




#53
2,4-Dinitrophenol
Concen: 37.96 ng
RT: 9.825 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

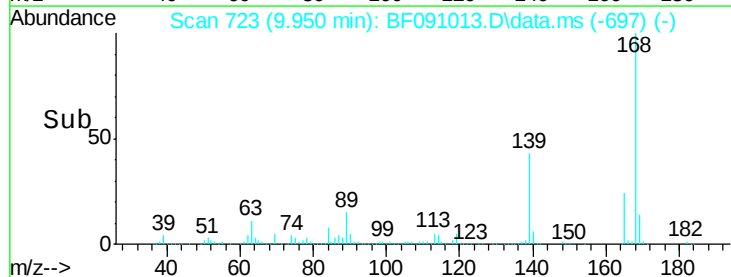
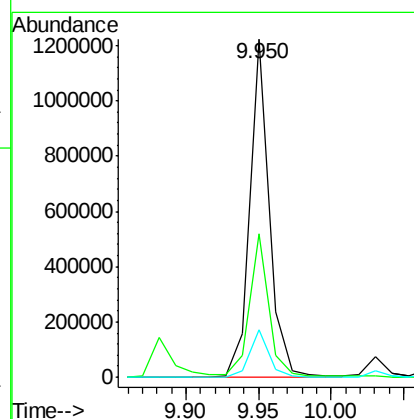
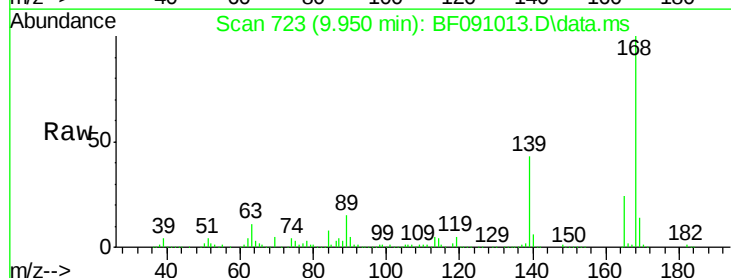
Instrument :
BNA_F
ClientSampleId :

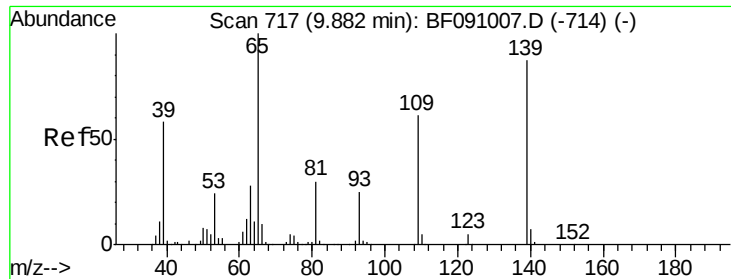
Tot Ion:184 Resp: 101427
Ion Ratio Lower Upper
184 100
63 56.8 45.5 68.3
154 61.8 51.0 76.4



#54
Dibenzofuran
Concen: 40.49 ng
RT: 9.950 min Scan# 723
Delta R.T. 0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

Tgt Ion:168 Resp: 1138820
Ion Ratio Lower Upper
168 100
139 42.6 34.8 52.2
169 14.1 11.4 17.2

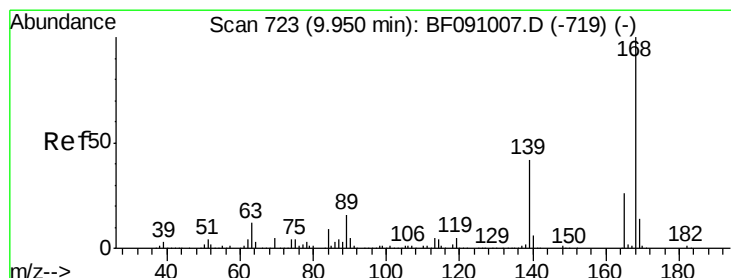
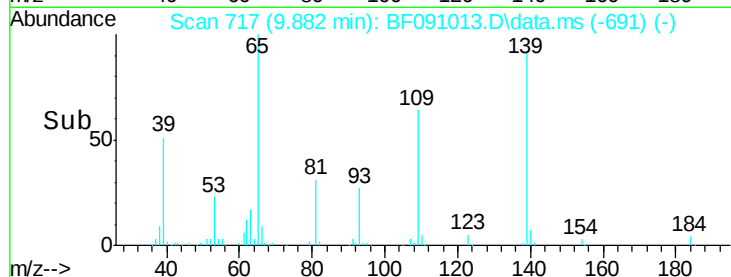
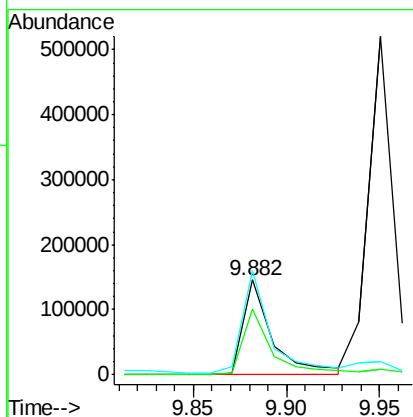
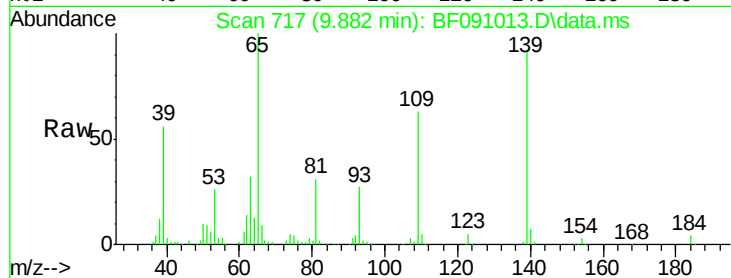




#55
4-Nitrophenol
Concen: 40.15 ng
RT: 9.882 min Scan# 717
Delta R.T. 0.001 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

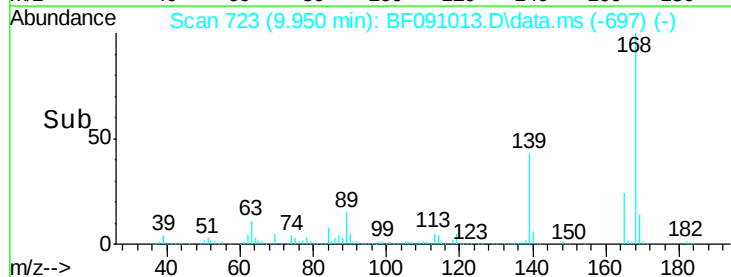
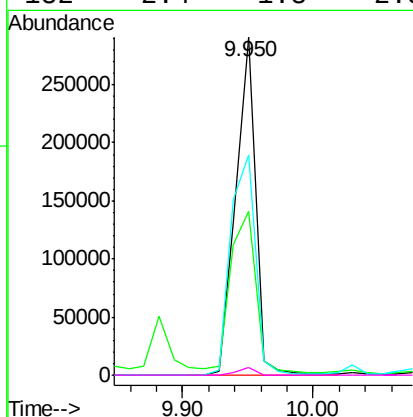
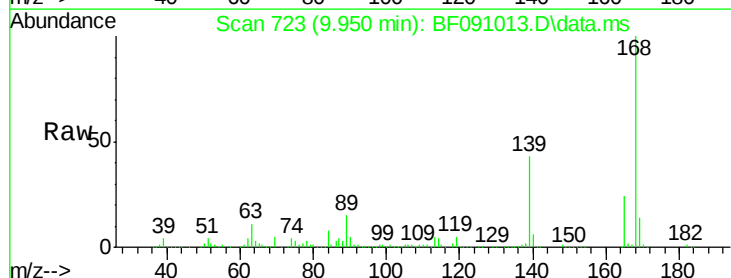
Instrument :
BNA_F
ClientSampled :

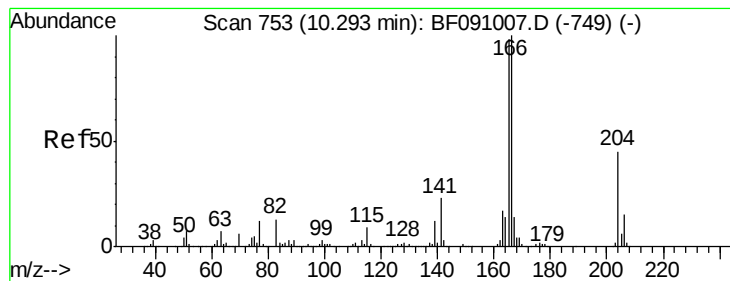
Tot Ion	Ratio	Lower	Upper
139	100		
109	69.2	50.5	90.5
65	109.4	97.1	137.1



#56
2,4-Dinitrotoluene
Concen: 44.54 ng
RT: 9.950 min Scan# 723
Delta R.T. 0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.3	38.7	58.1
89	65.1	50.6	76.0
182	2.4	1.8	2.8





#57

Fluorene

Concen: 41.82 ng

RT: 10.293 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampleId :

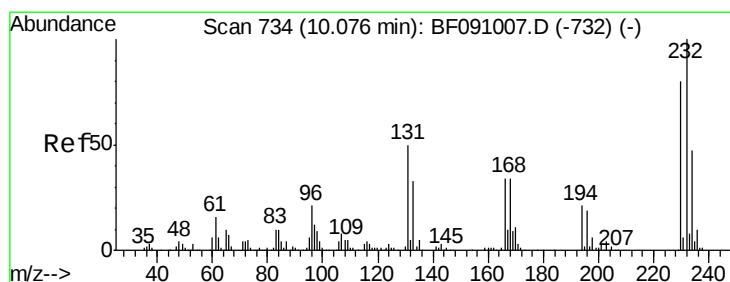
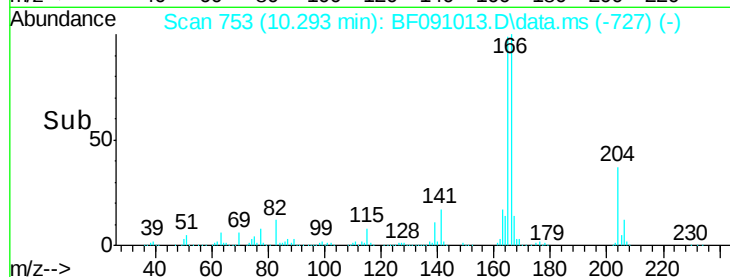
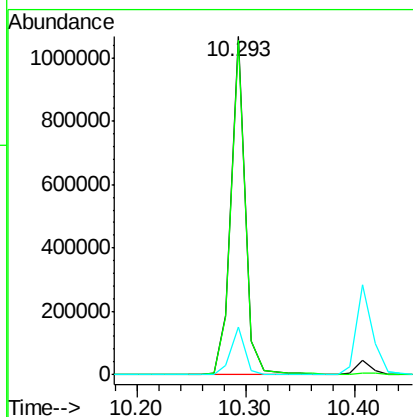
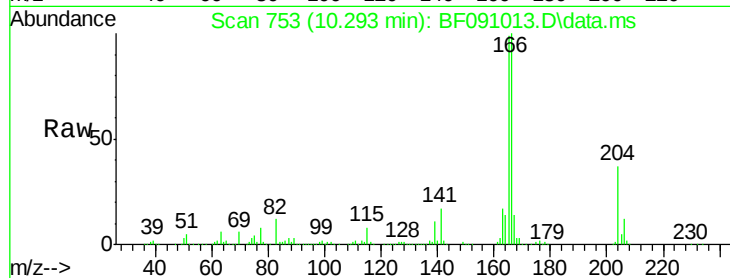
Tot Ion:166 Resp: 961410

Ion Ratio Lower Upper

166 100

165 98.9 78.6 118.0

167 14.0 11.1 16.7



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.16 ng

RT: 10.076 min Scan# 734

Delta R.T. -0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Tgt Ion:232 Resp: 240749

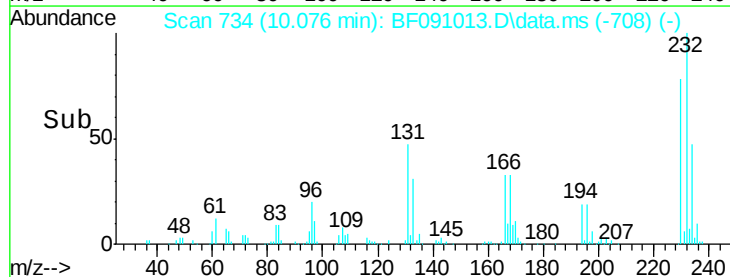
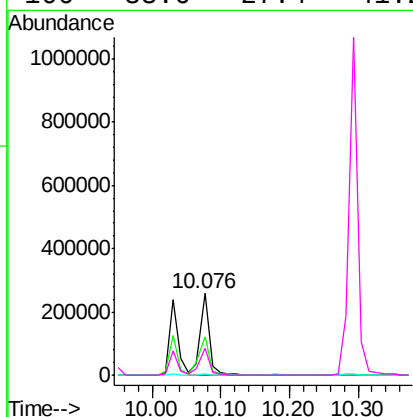
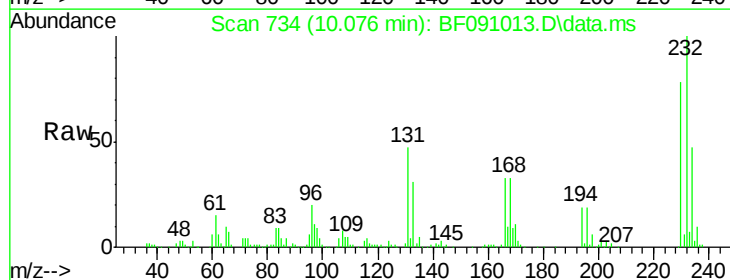
Ion Ratio Lower Upper

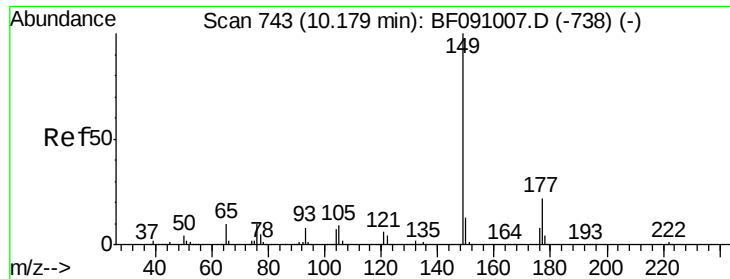
232 100

131 52.6 43.6 65.4

130 2.3 2.0 3.0

166 33.6 27.4 41.2

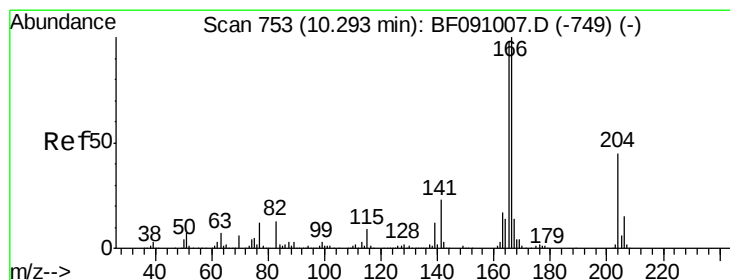
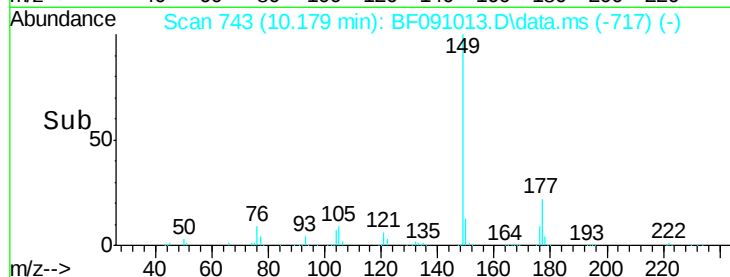
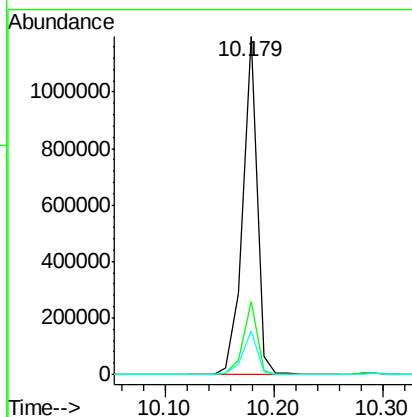
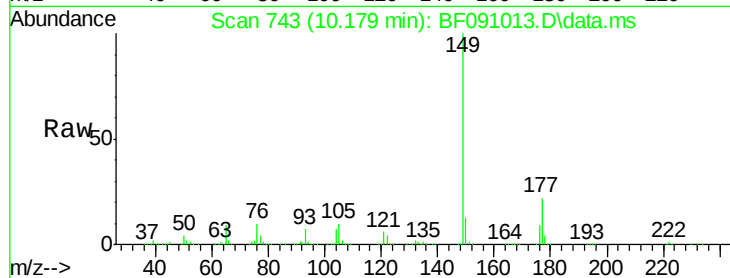




#59
Diethylphthalate
Concen: 41.95 ng
RT: 10.179 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

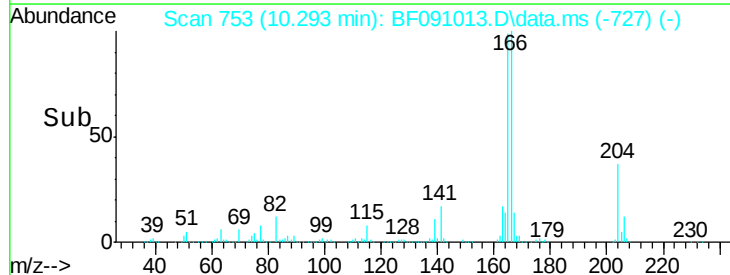
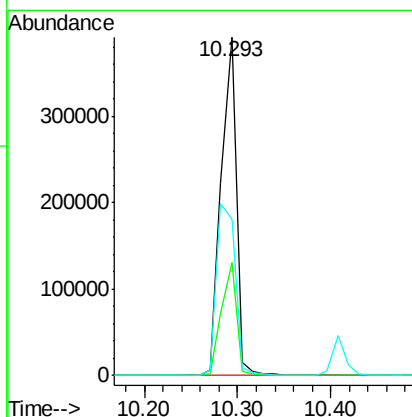
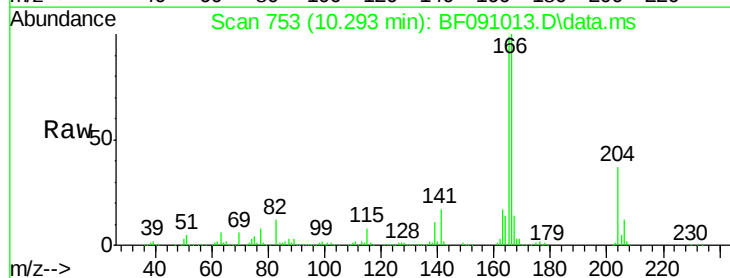
Instrument :
BNA_F
ClientSampleId :

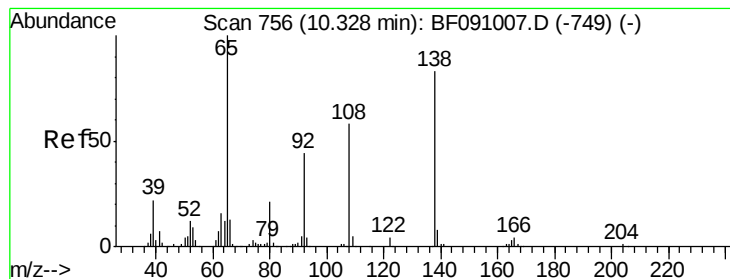
Tot Ion:149 Resp: 1086358
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 13.1 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 42.27 ng
RT: 10.293 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

Tgt Ion:204 Resp: 442264
Ion Ratio Lower Upper
204 100
206 33.5 27.1 40.7
141 46.1 40.1 60.1

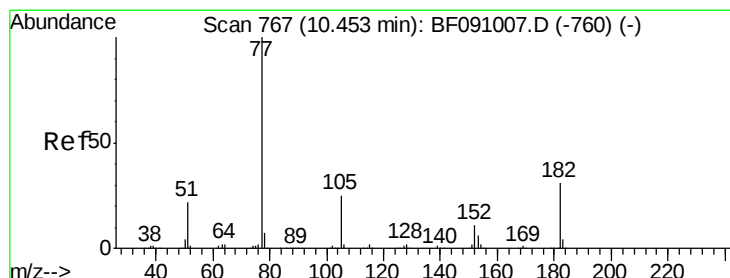
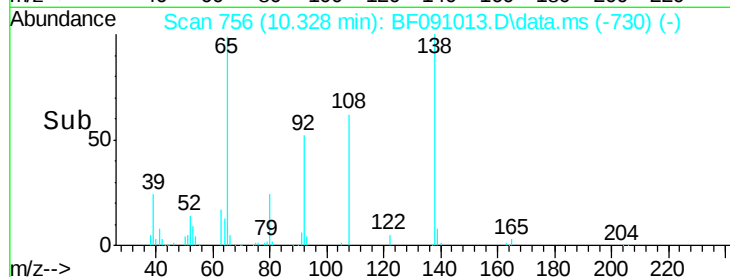
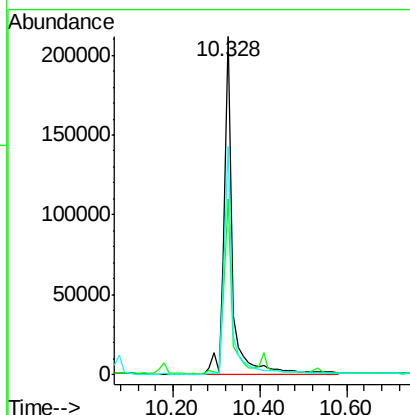
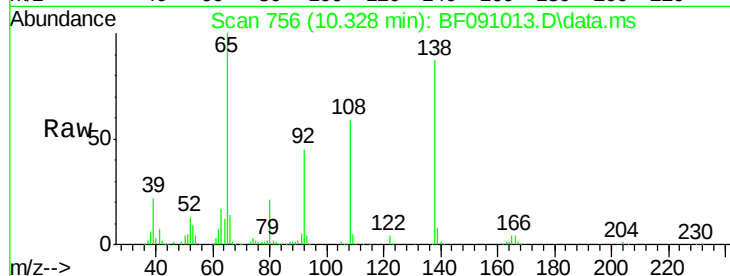




#61
 4-Nitroaniline
 Concen: 44.78 ng
 RT: 10.328 min Scan# 756
 Delta R.T. 0.000 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

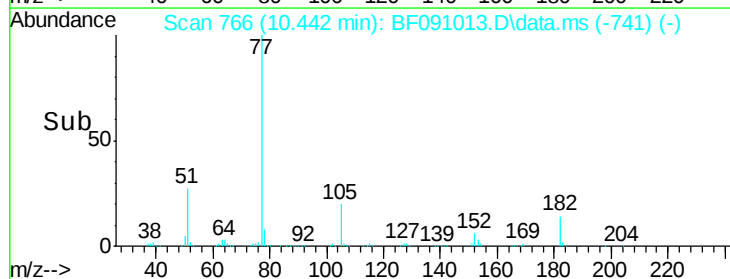
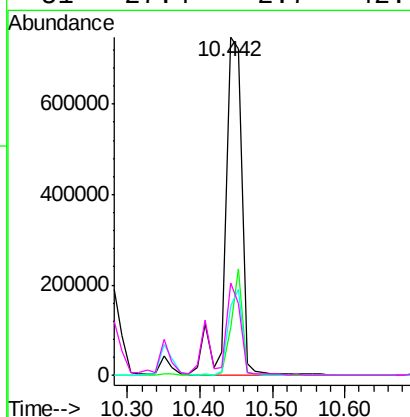
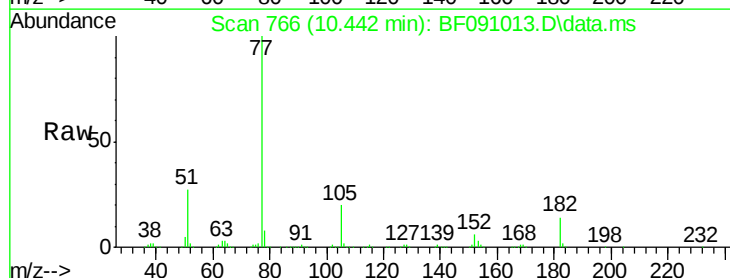
Instrument :
 BNA_F
 ClientSampleId :

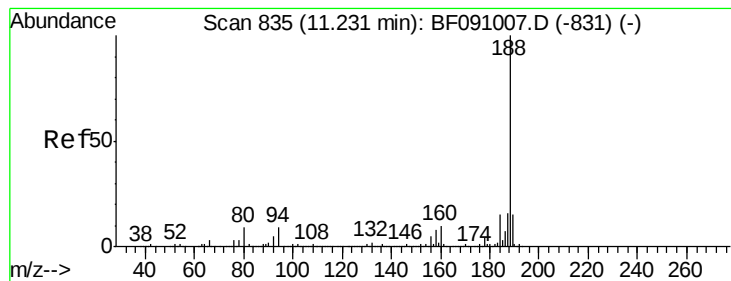
Tot Ion:138 Resp: 290818
 Ion Ratio Lower Upper
 138 100
 92 51.9 32.5 72.5
 108 67.4 49.4 89.4



#62
 Azobenzene
 Concen: 38.58 ng
 RT: 10.442 min Scan# 766
 Delta R.T. -0.011 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

Tgt Ion: 77 Resp: 1176246
 Ion Ratio Lower Upper
 77 100
 182 14.0 11.0 51.0
 105 20.5 5.6 45.6
 51 27.4 2.7 42.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.231 min Scan# 83

Delta R.T. -0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampleId :

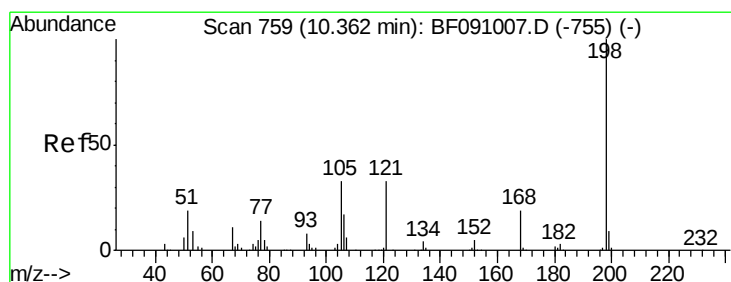
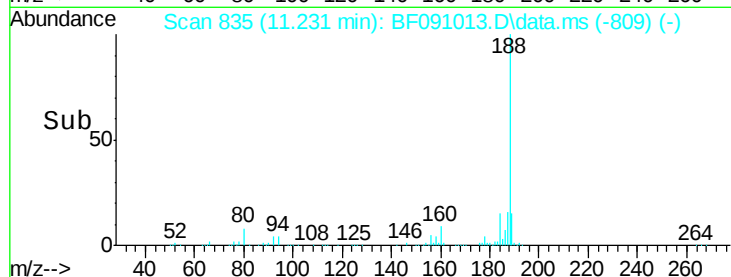
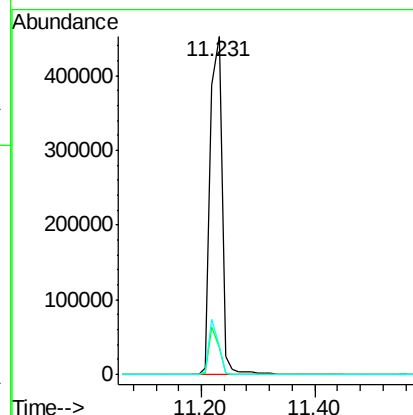
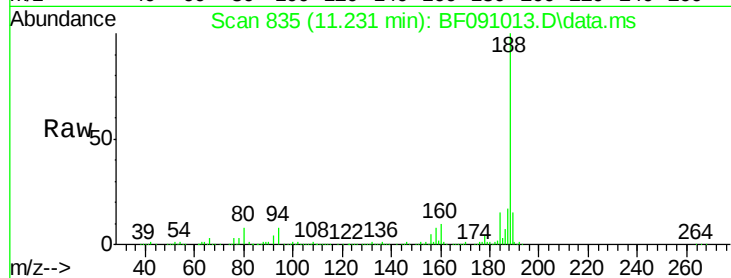
Tot Ion:188 Resp: 615648

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.4

80 8.5 7.5 11.3



#64

4,6-Dinitro-2-methylphenol

Concen: 41.26 ng

RT: 10.362 min Scan# 759

Delta R.T. 0.001 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

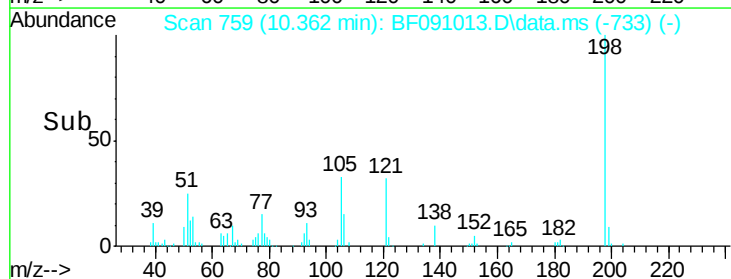
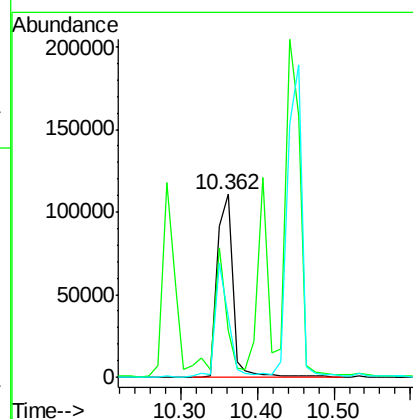
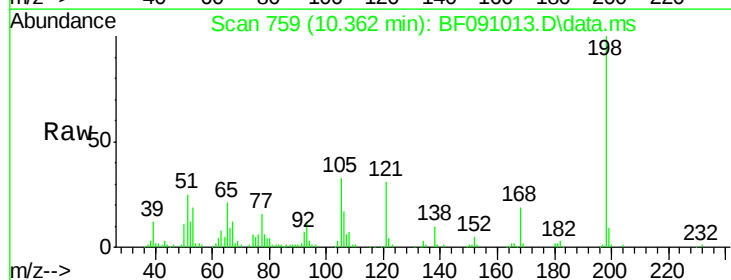
Tgt Ion:198 Resp: 155533

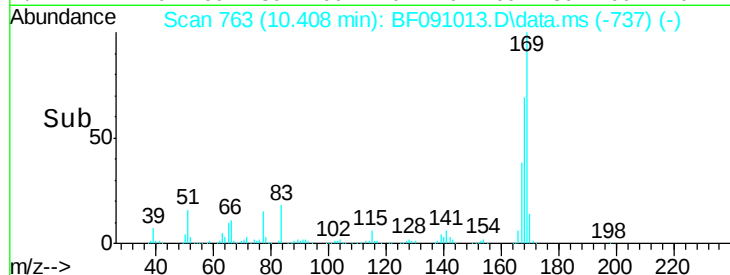
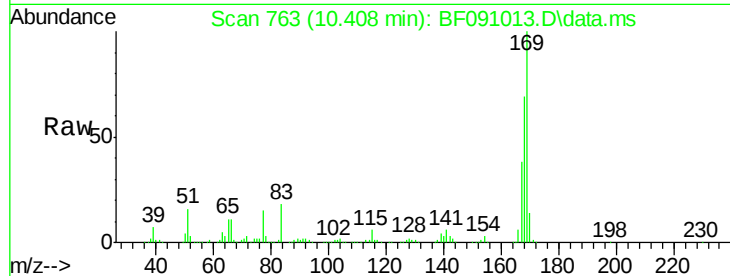
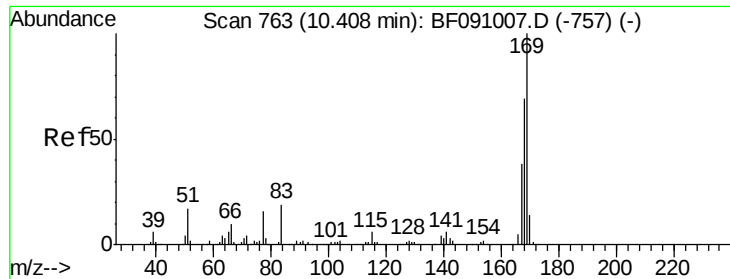
Ion Ratio Lower Upper

198 100

51 25.4 5.9 45.9

105 32.9 13.8 53.8

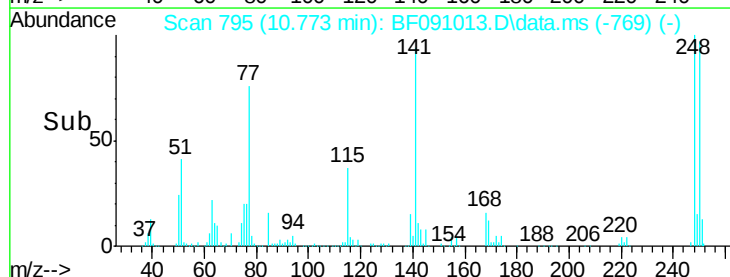
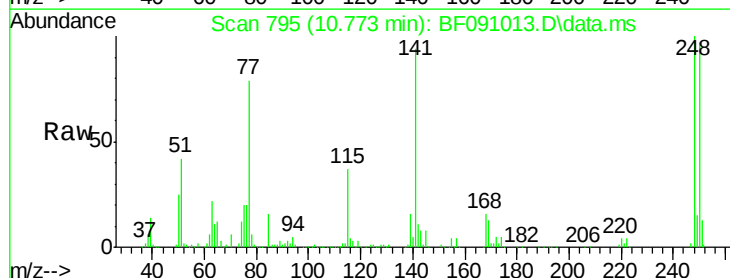
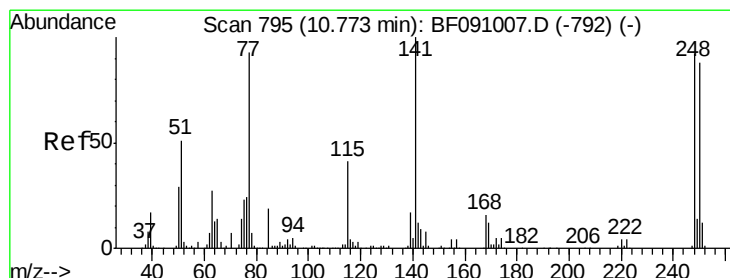
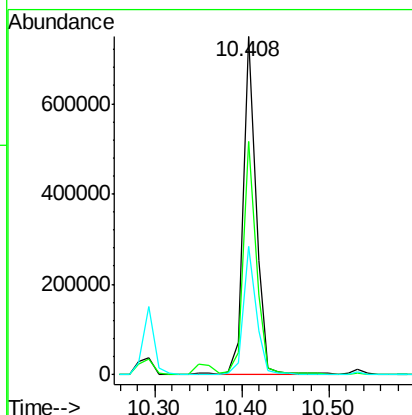




#65
n-Nitrosodiphenylamine
Concen: 39.18 ng
RT: 10.408 min Scan# 76
Delta R.T. -0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

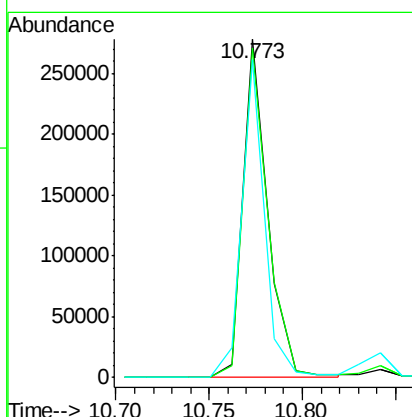
Instrument :
BNA_F
ClientSampleId :

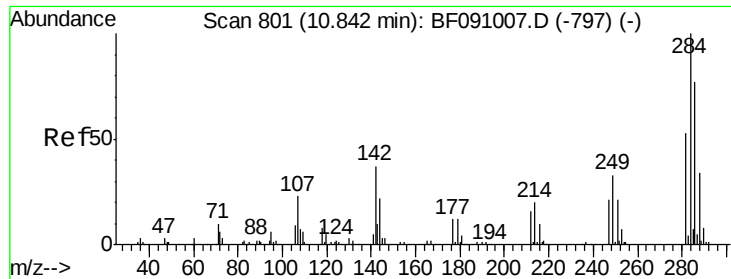
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.1	55.3	82.9
167	38.0	30.3	45.5



#66
4-Bromophenyl-phenylether
Concen: 40.21 ng
RT: 10.773 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.3	114.5
141	94.0	86.8	130.2

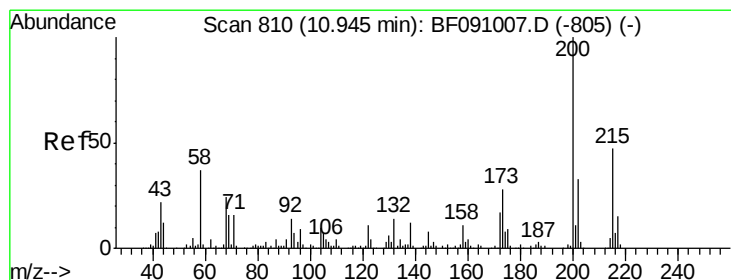
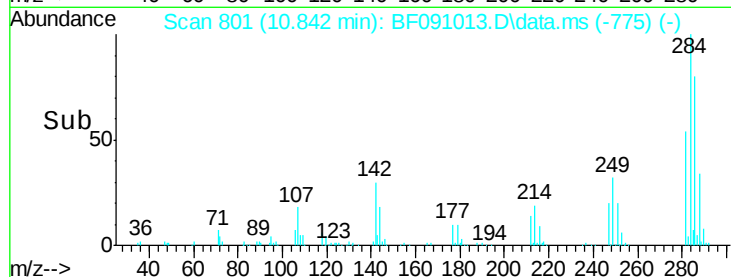
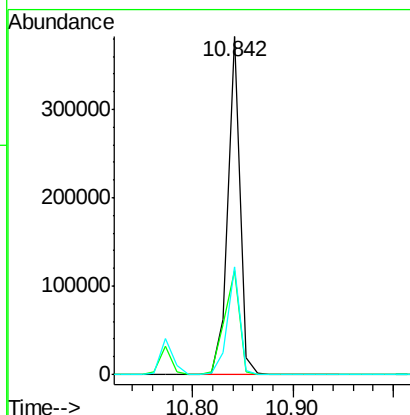
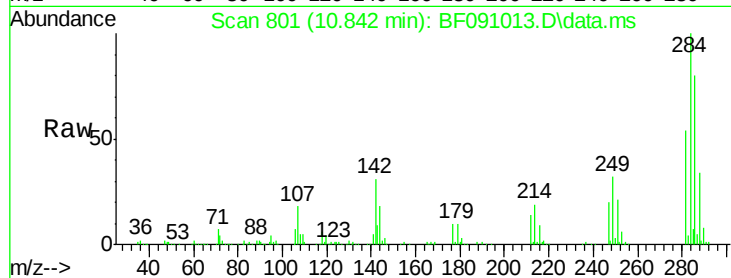




#67
Hexachlorobenzene
Concen: 45.57 ng
RT: 10.842 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

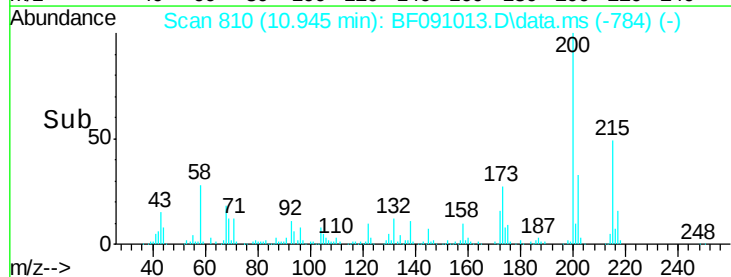
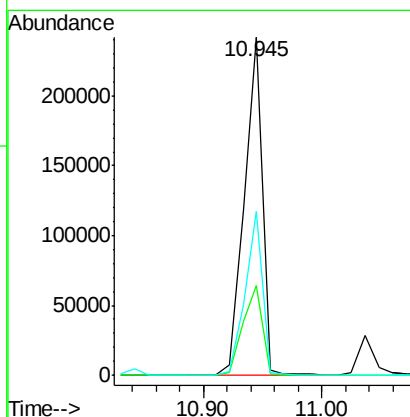
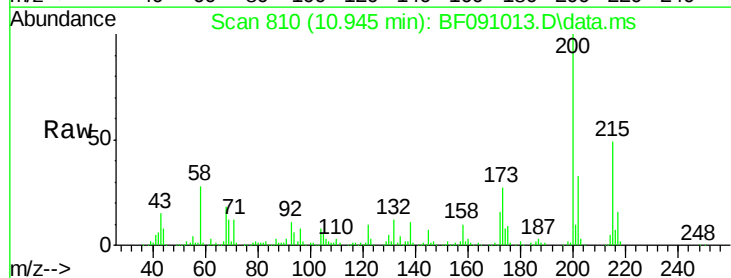
Instrument :
BNA_F
ClientSampleId :

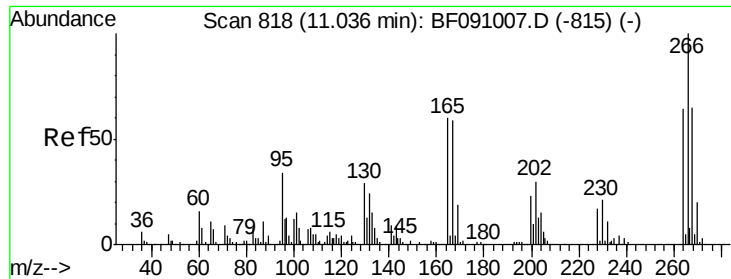
Tot Ion	Ratio	Lower	Upper
284	100		
142	30.6	29.9	44.9
249	32.0	26.6	39.8



#68
Atrazine
Concen: 45.66 ng
RT: 10.945 min Scan# 810
Delta R.T. 0.001 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.7	8.1	48.1
215	48.6	27.3	67.3

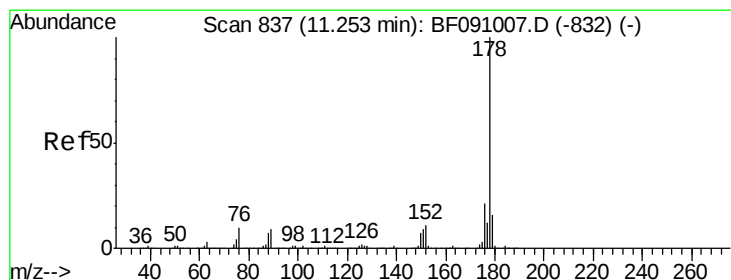
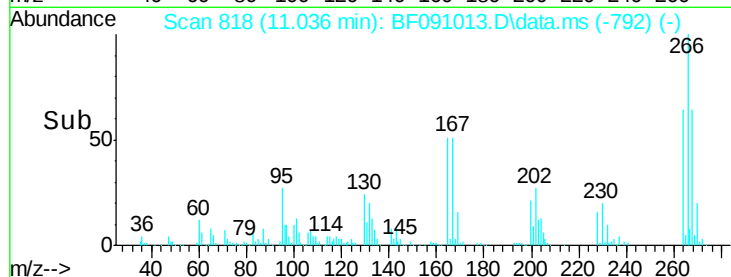
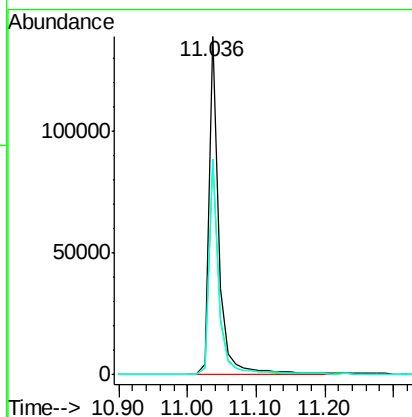
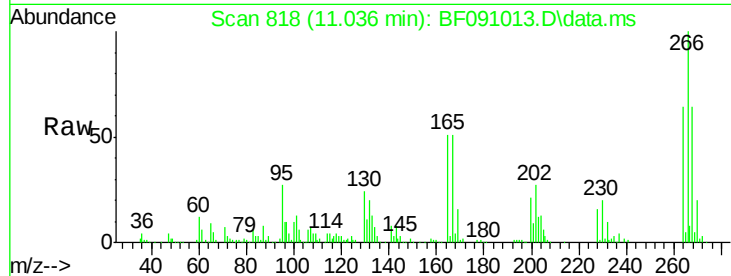




#69
 Pentachlorophenol
 Concen: 45.21 ng
 RT: 11.036 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

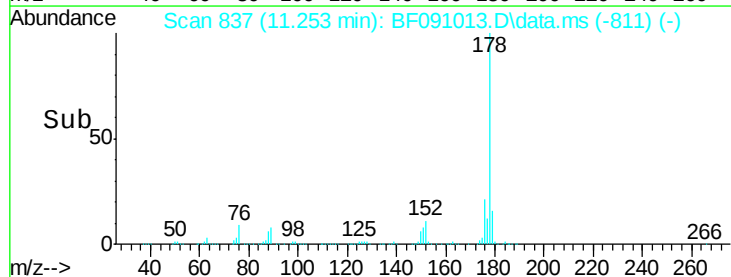
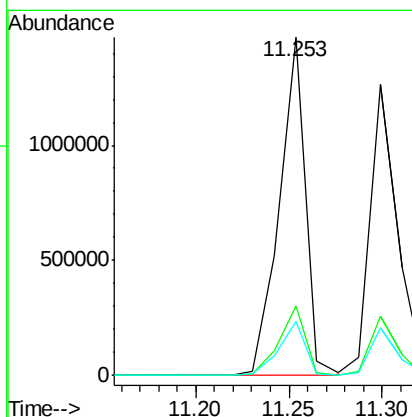
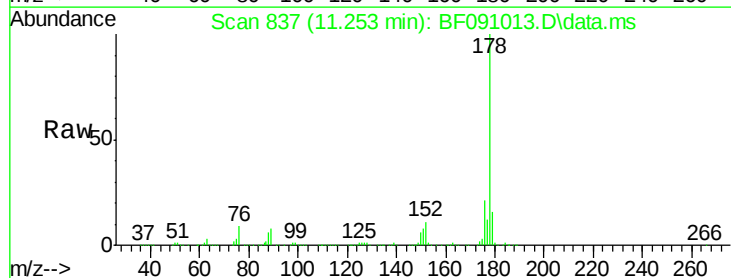
Instrument :
 BNA_F
 ClientSampleId :

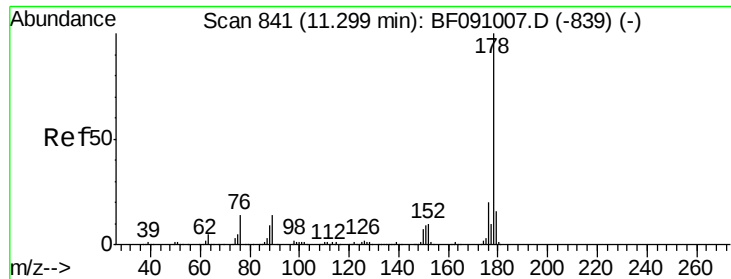
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	52.1	78.1
264	63.7	51.1	76.7



#70
 Phenanthrene
 Concen: 43.68 ng
 RT: 11.253 min Scan# 837
 Delta R.T. 0.000 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.6	25.0
179	16.1	12.9	19.3

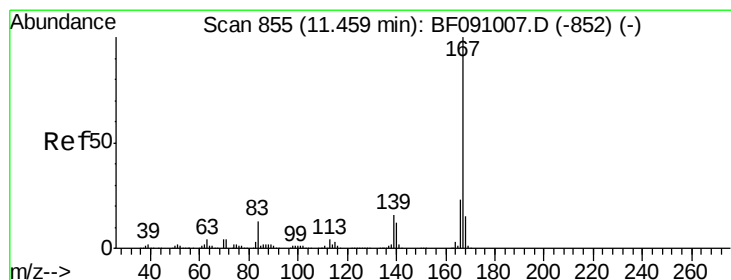
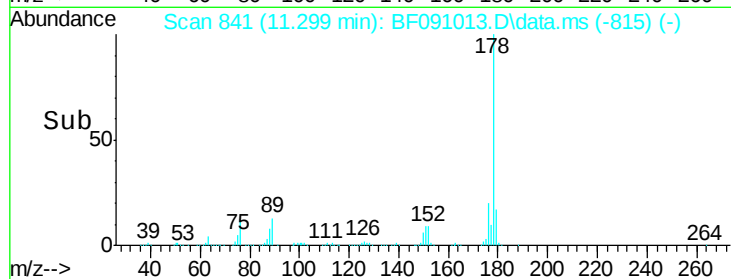
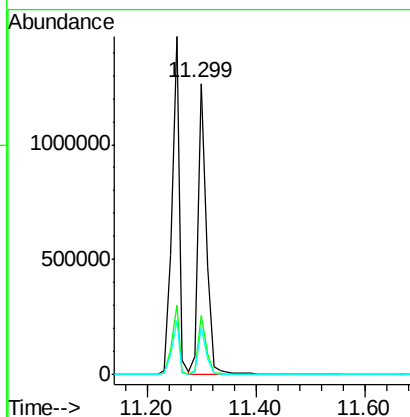
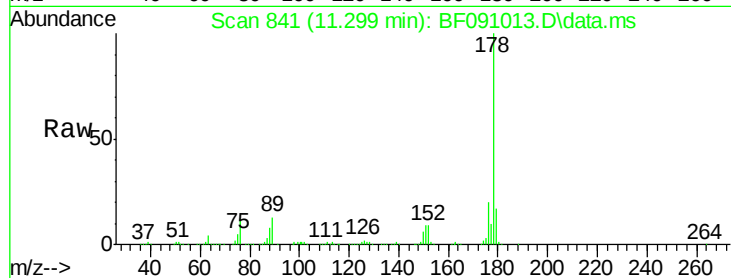




#71
 Anthracene
 Concen: 37.66 ng
 RT: 11.299 min Scan# 841
 Delta R.T. -0.000 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

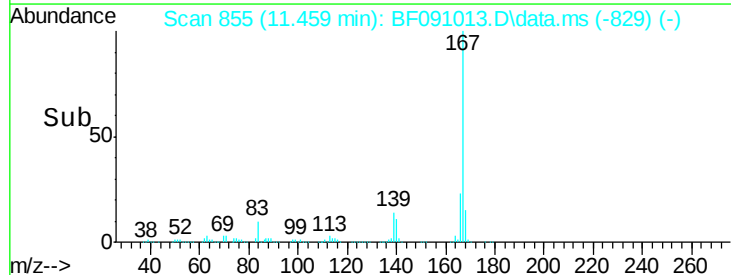
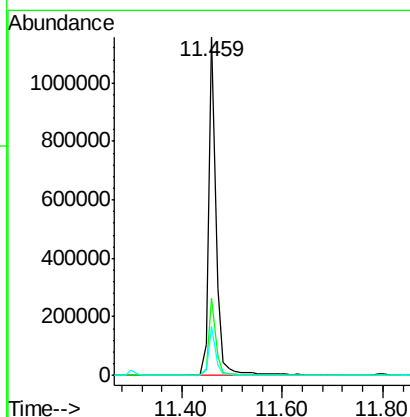
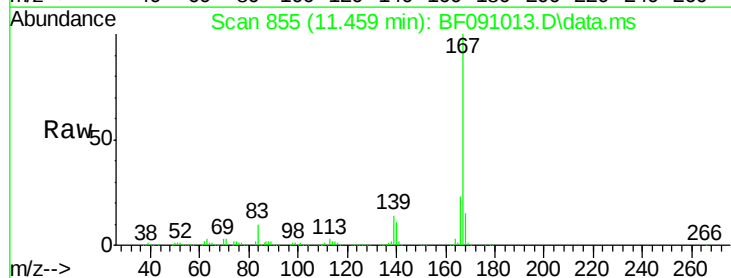
Instrument :
 BNA_F
 ClientSampleId :

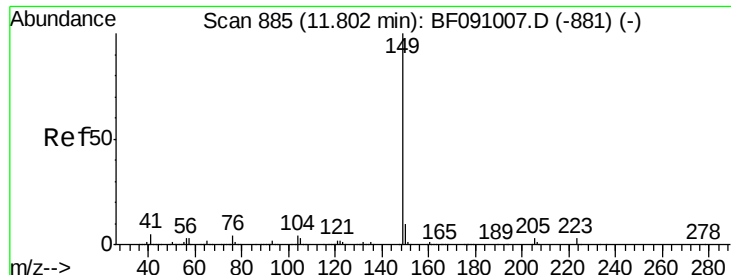
Tot Ion:178 Resp: 1310270
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 16.5 13.0 19.6



#72
 Carbazole
 Concen: 37.58 ng
 RT: 11.459 min Scan# 855
 Delta R.T. -0.000 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

Tgt Ion:167 Resp: 1178204
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 14.5 12.6 18.8

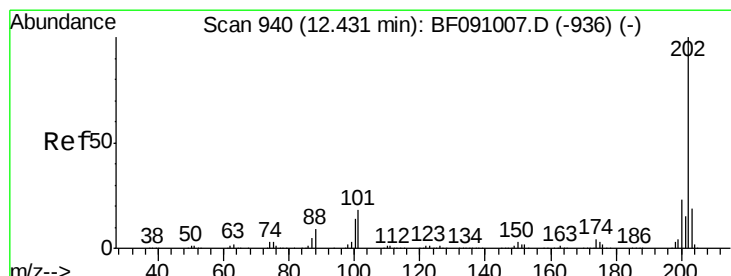
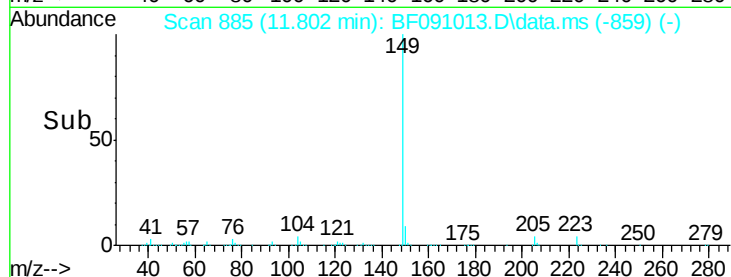
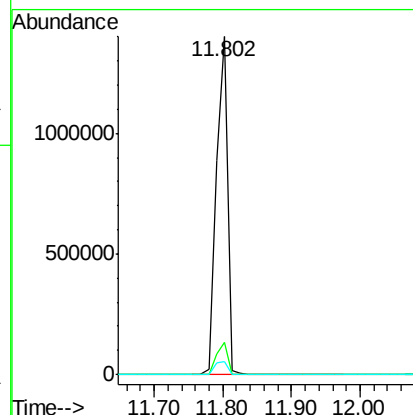
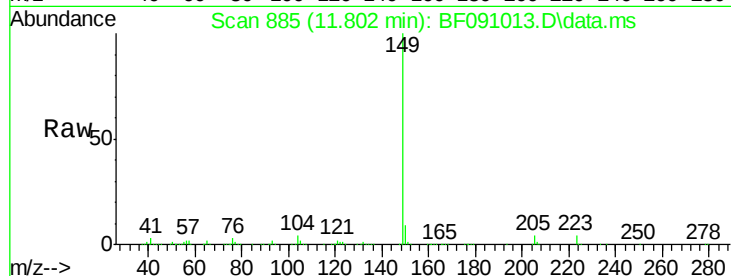




#73
Di-n-butylphthalate
Concen: 40.80 ng
RT: 11.802 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

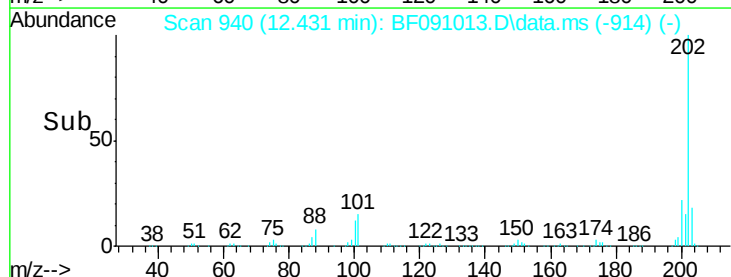
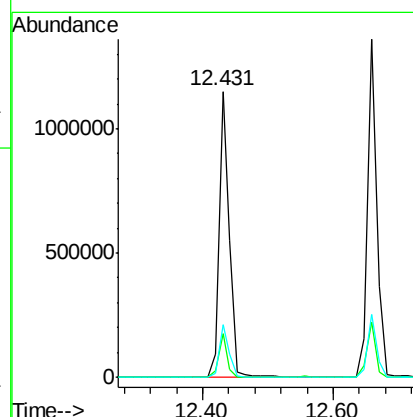
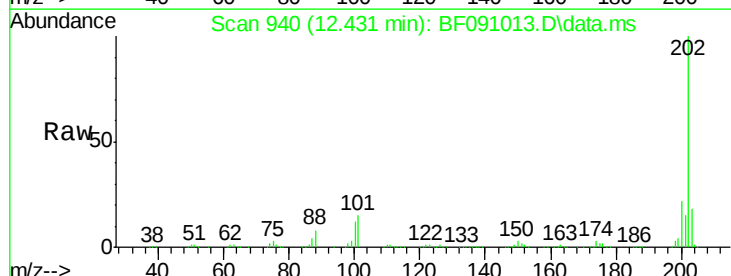
Instrument :
BNA_F
ClientSampleId :

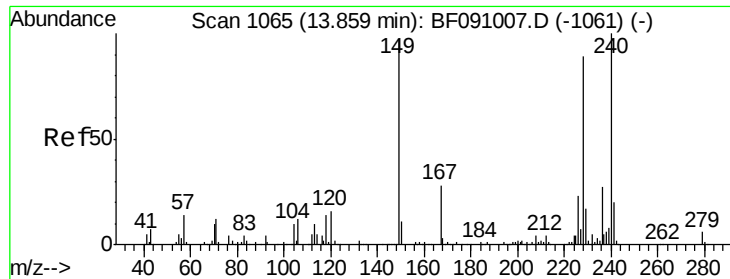
Tot Ion:149 Resp: 1608940
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 3.9 3.6 5.4



#74
Fluoranthene
Concen: 37.66 ng
RT: 12.431 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

Tgt Ion:202 Resp: 1278422
Ion Ratio Lower Upper
202 100
101 15.5 0.0 37.6
203 18.3 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.859 min Scan# 1065

Delta R.T. -0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampleId :

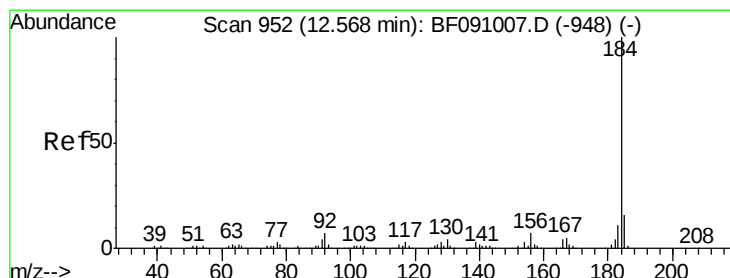
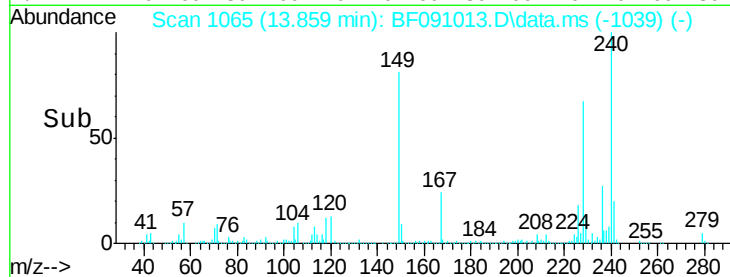
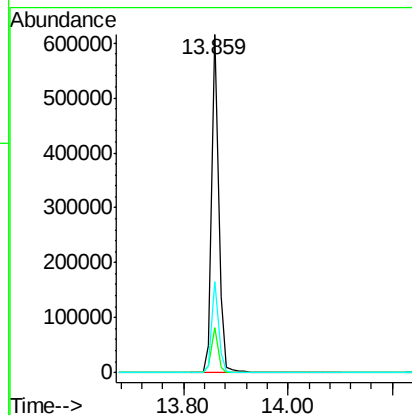
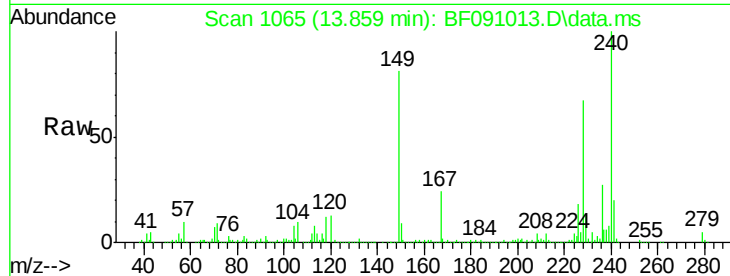
Tot Ion:240 Resp: 567755

Ion Ratio Lower Upper

240 100

120 13.5 12.9 19.3

236 27.0 21.9 32.9



#76

Benzidine

Concen: 45.15 ng

RT: 12.556 min Scan# 951

Delta R.T. -0.011 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

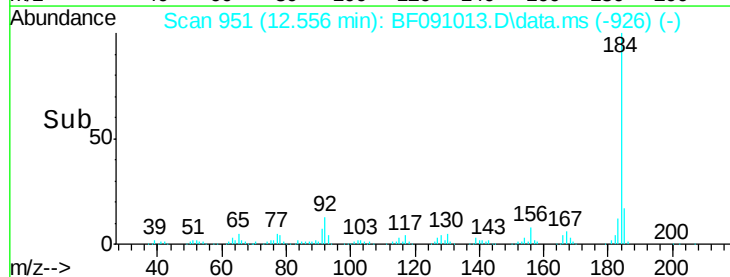
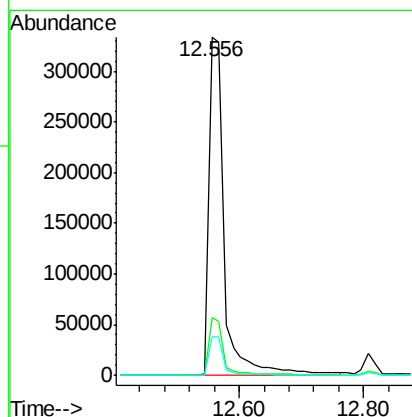
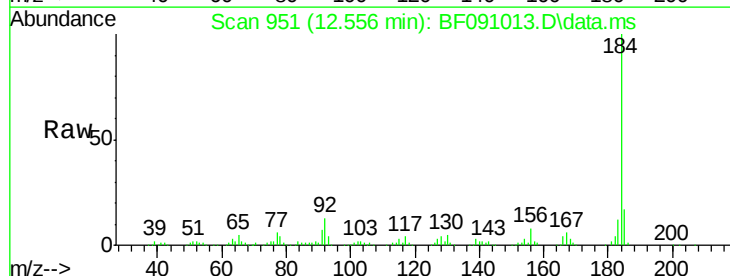
Tgt Ion:184 Resp: 572651

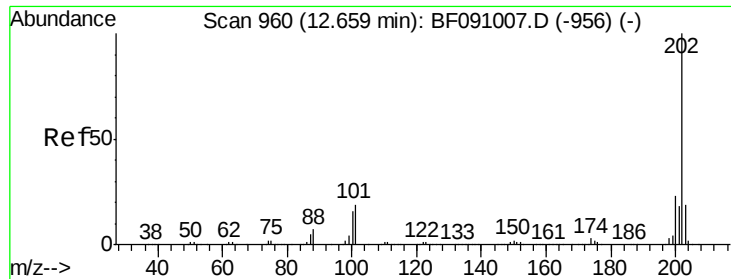
Ion Ratio Lower Upper

184 100

185 17.0 13.0 19.4

183 11.5 8.7 13.1

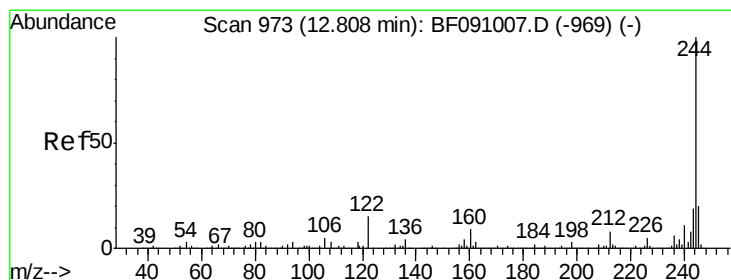
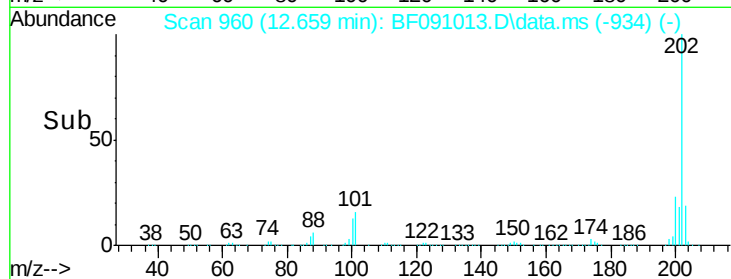
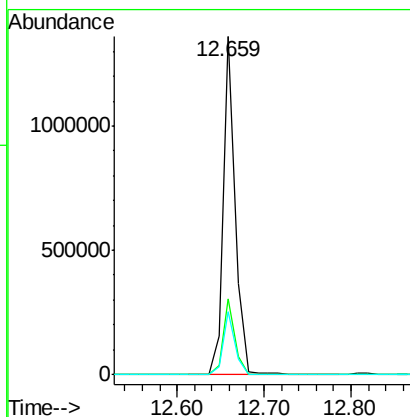
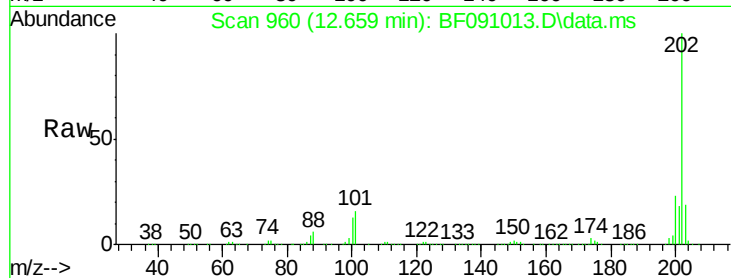




#77
 Pvrene
 Concen: 35.25 ng
 RT: 12.659 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

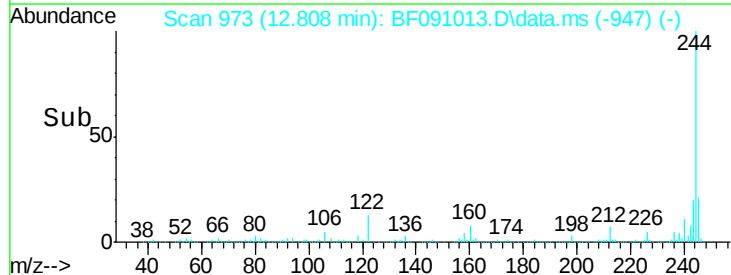
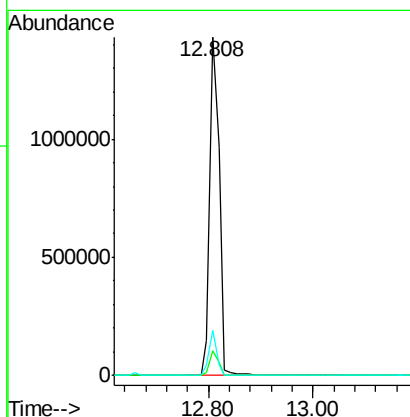
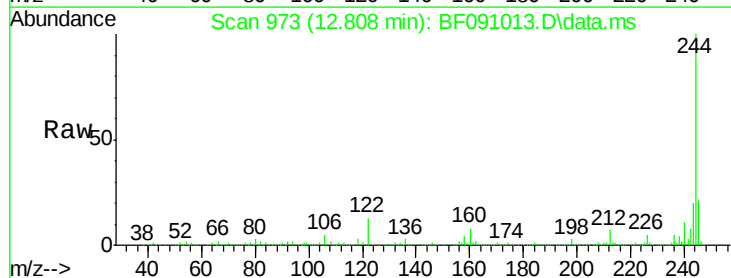
Instrument :
 BNA_F
 ClientSampled :

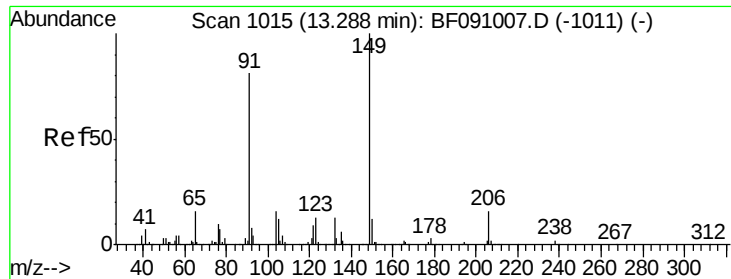
Tot Ion:202 Resp: 1310595
 Ion Ratio Lower Upper
 202 100
 200 22.5 18.4 27.6
 203 18.5 15.0 22.6



#78
 Terphenyl-d14
 Concen: 78.86 ng
 RT: 12.808 min Scan# 973
 Delta R.T. -0.000 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

Tgt Ion:244 Resp: 1794230
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.4 9.6
 122 13.5 12.3 18.5

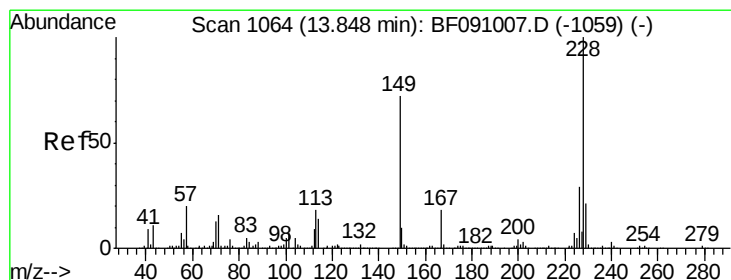
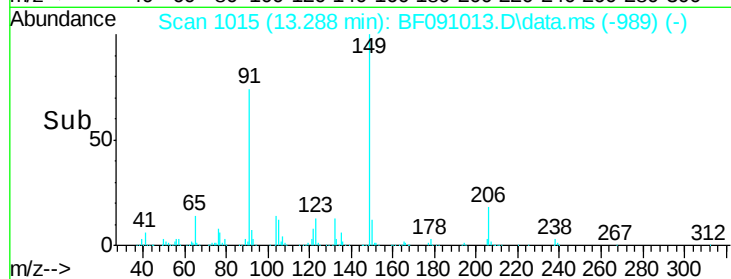
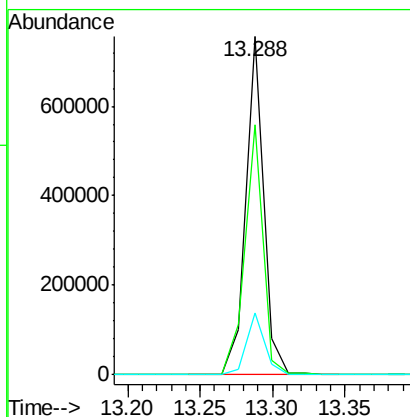
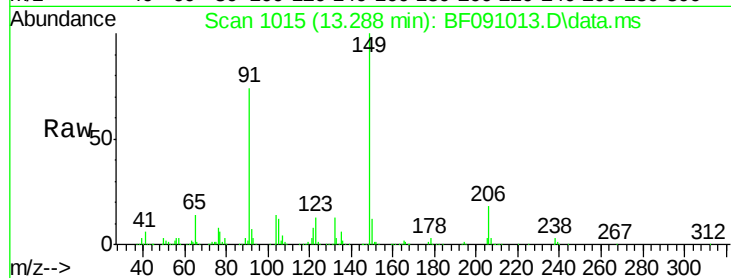




#79
Butylbenzylphthalate
Concen: 36.40 ng
RT: 13.288 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

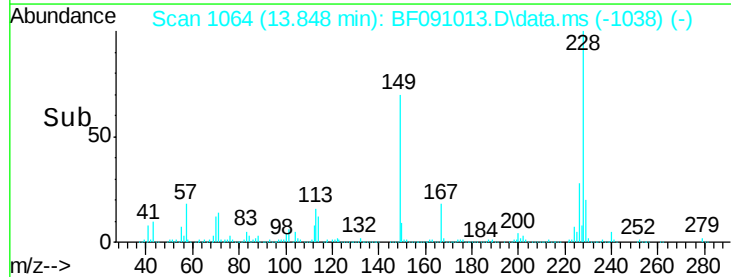
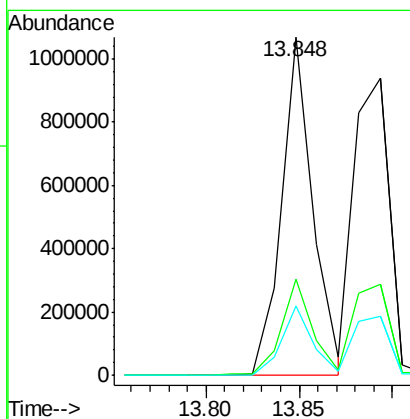
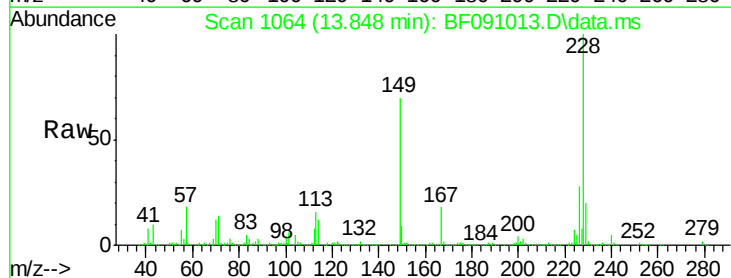
Instrument :
BNA_F
ClientSampleId :

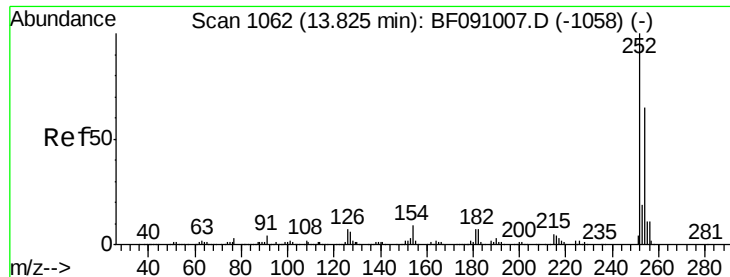
Tot Ion:149 Resp: 647375
Ion Ratio Lower Upper
149 100
91 74.0 65.0 97.4
206 18.3 12.5 18.7



#80
Benzo(a)anthracene
Concen: 38.64 ng
RT: 13.848 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BF091013.D
Acq: 4 Nov 2016 8:59

Tgt Ion:228 Resp: 1245665
Ion Ratio Lower Upper
228 100
226 28.3 23.0 34.6
229 20.5 16.6 24.8

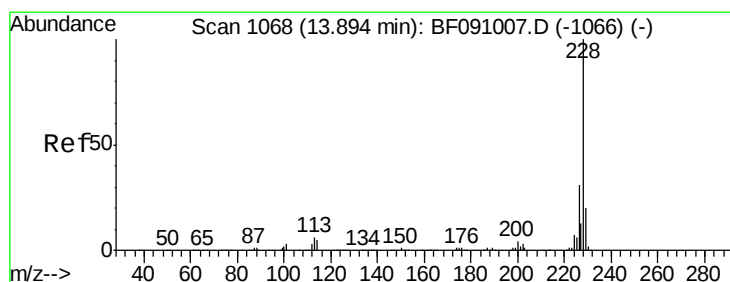
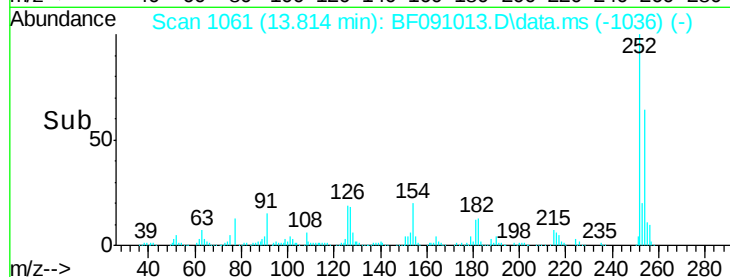
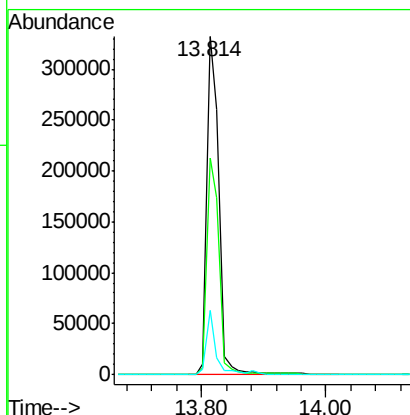
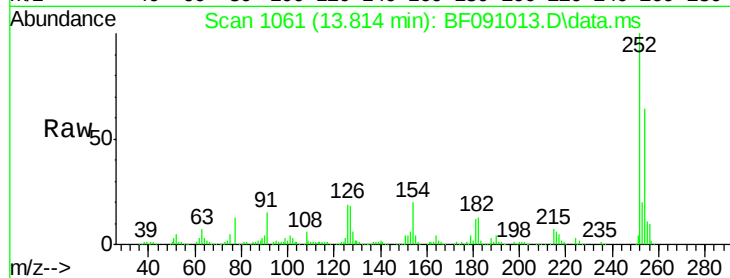




#81
 3,3'-Dichlorobenzidine
 Concen: 39.39 ng
 RT: 13.814 min Scan# 1061
 Delta R.T. -0.011 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

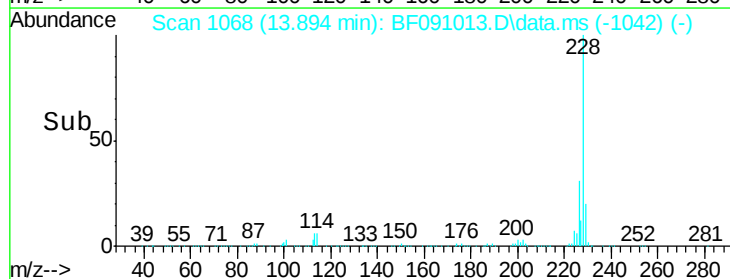
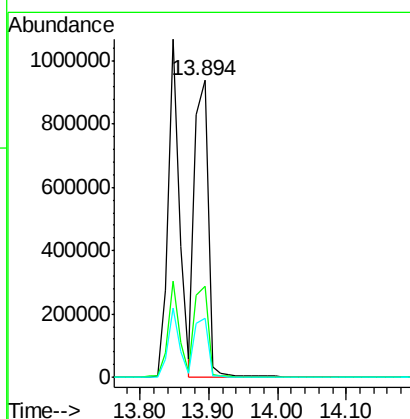
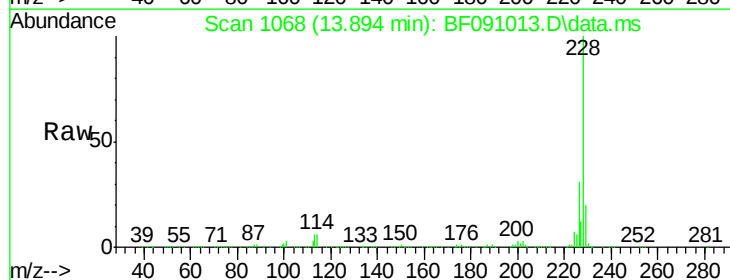
Instrument :
 BNA_F
 ClientSampleId :

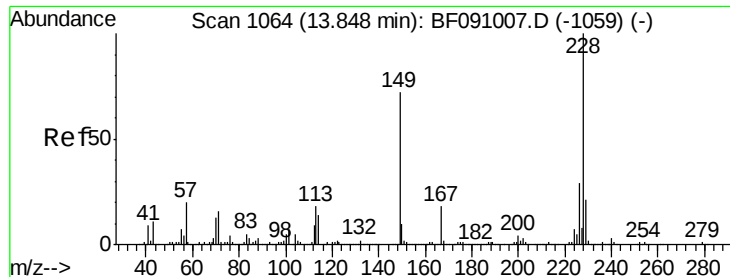
Tot Ion:252 Resp: 446131
 Ion Ratio Lower Upper
 252 100
 254 64.1 52.0 78.0
 126 19.1 5.4 8.2#



#82
 Chrysene
 Concen: 39.81 ng
 RT: 13.894 min Scan# 1068
 Delta R.T. 0.000 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

Tgt Ion:228 Resp: 1265262
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 20.1 15.9 23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.24 ng

RT: 13.848 min Scan# 1064

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampleId :

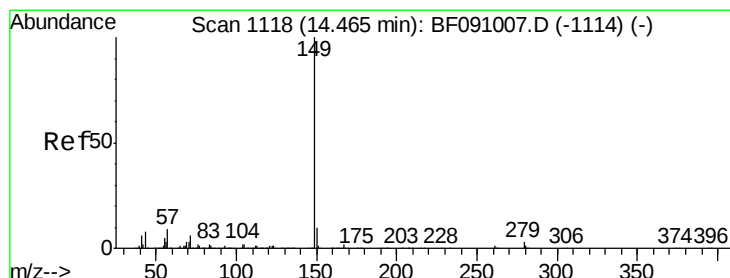
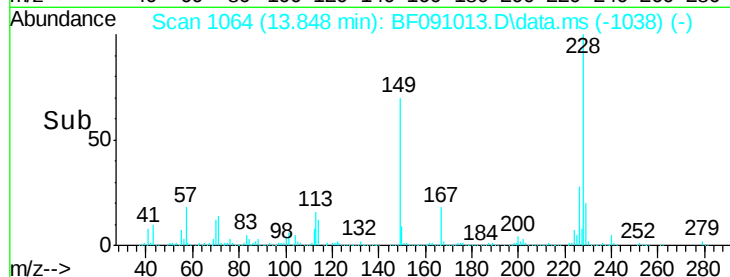
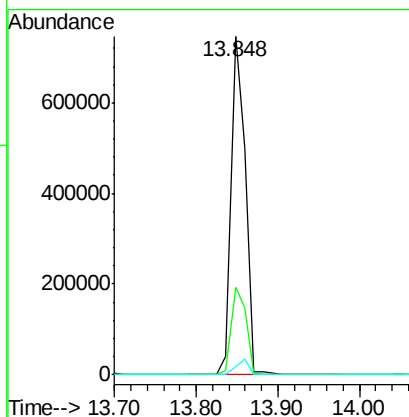
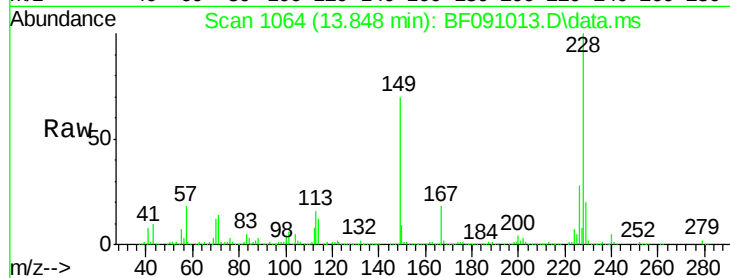
Tot Ion:149 Resp: 896211

Ion Ratio Lower Upper

149 100

167 25.8 20.4 30.6

279 2.3 1.6 2.4



#84

Di-n-octyl phthalate

Concen: 41.09 ng

RT: 14.465 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

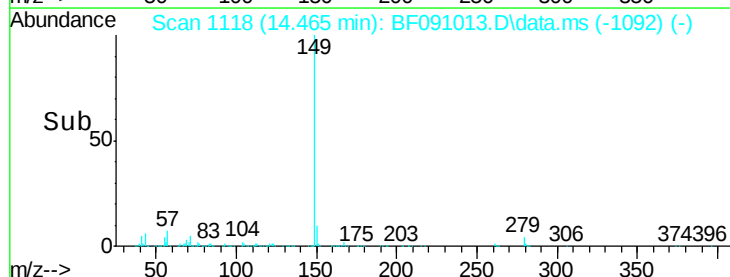
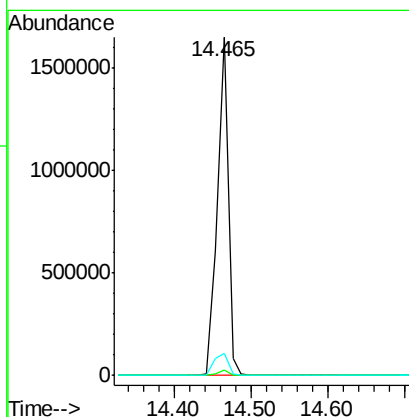
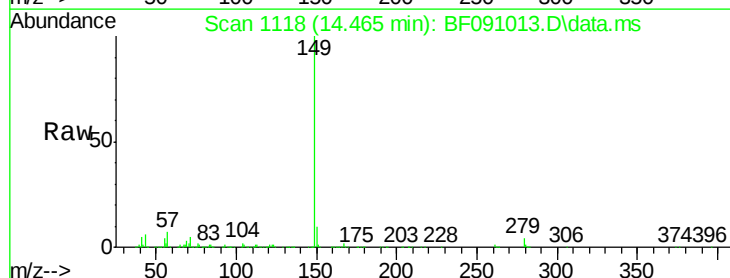
Tgt Ion:149 Resp: 1626279

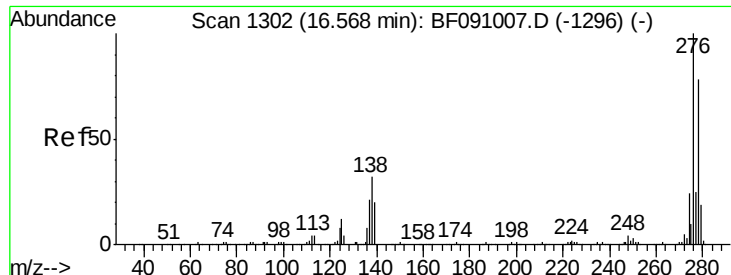
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.3 8.2 12.4

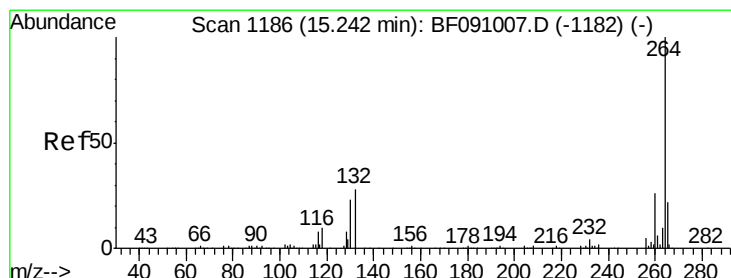
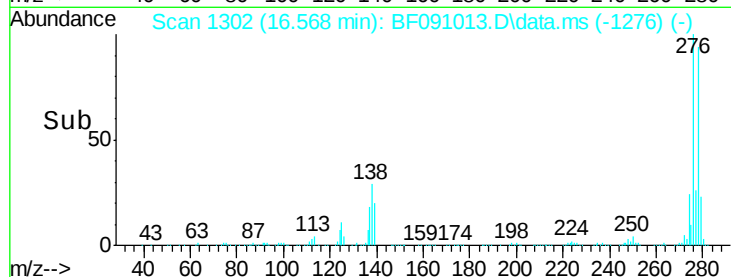
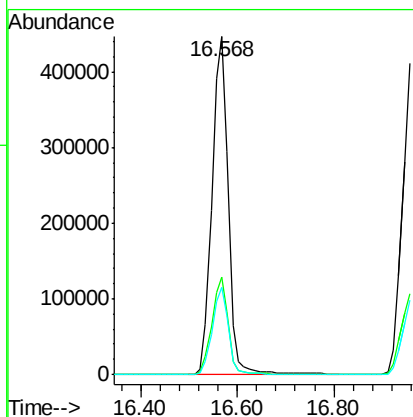
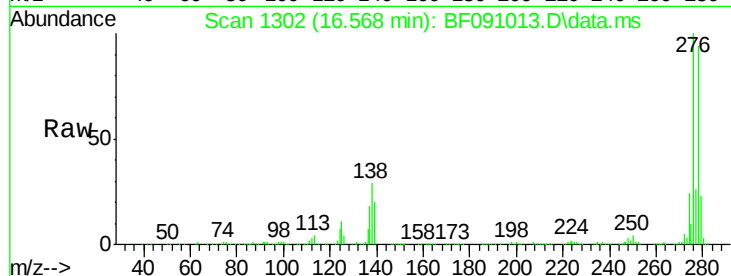




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.48 ng
 RT: 16.568 min Scan# 1302
 Delta R.T. 0.000 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

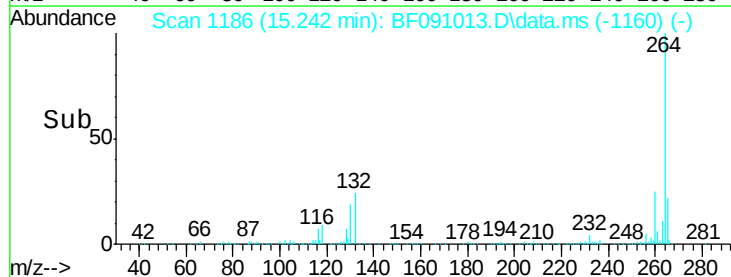
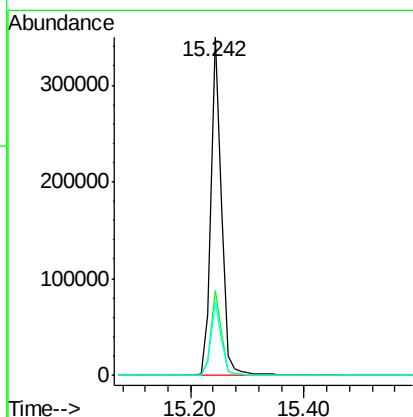
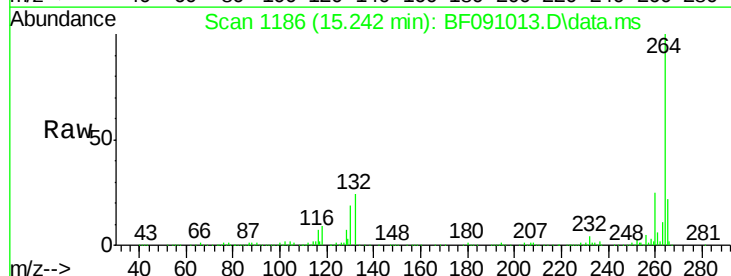
Instrument :
 BNA_F
 ClientSampleId :

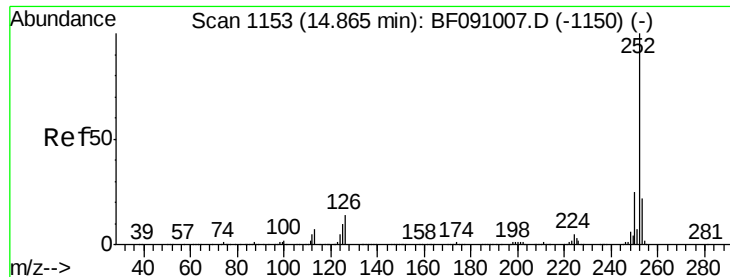
Tot Ion:276 Resp: 1067554
 Ion Ratio Lower Upper
 276 100
 138 28.8 26.0 39.0
 277 25.5 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.242 min Scan# 1186
 Delta R.T. 0.000 min
 Lab File: BF091013.D
 Acq: 4 Nov 2016 8:59

Tgt Ion:264 Resp: 429453
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.6 30.8
 265 21.8 17.8 26.8





#87

Benzo(b)fluoranthene

Concen: 81.15 ng

RT: 14.888 min Scan# 1155

Delta R.T. 0.023 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampled :

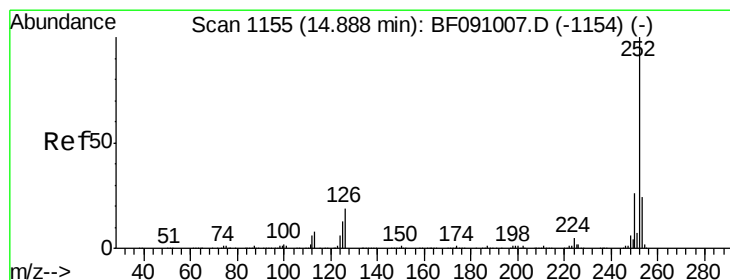
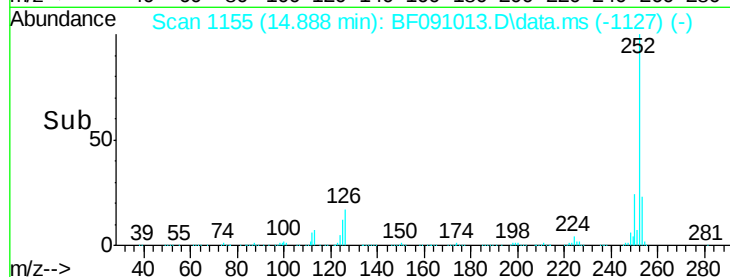
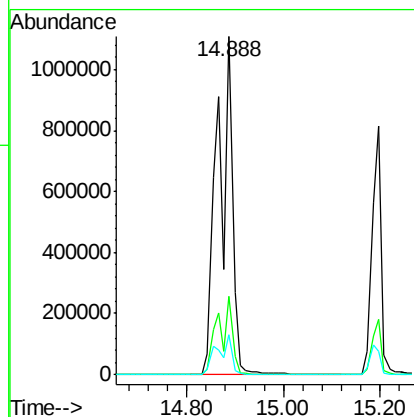
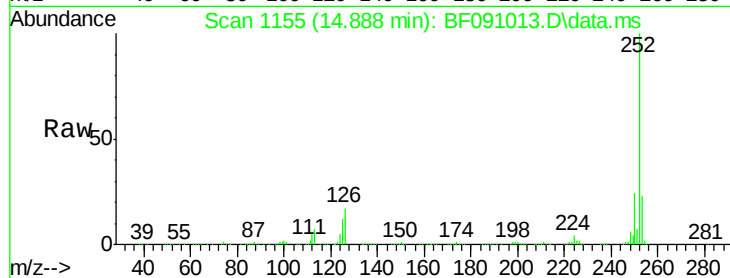
Tot Ion:252 Resp: 2363751

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

125 11.7 8.3 12.5



#88

Benzo(k)fluoranthene

Concen: 92.54 ng

RT: 14.888 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

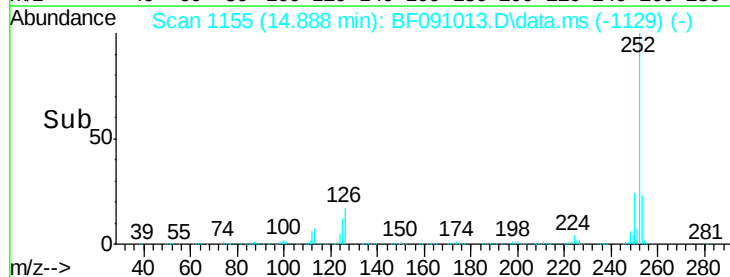
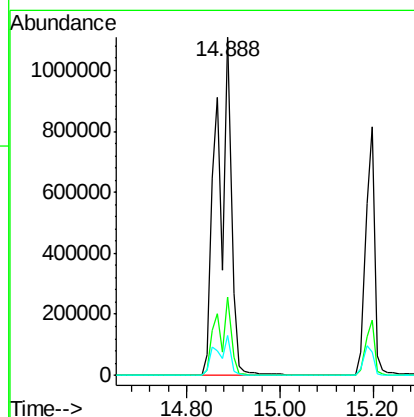
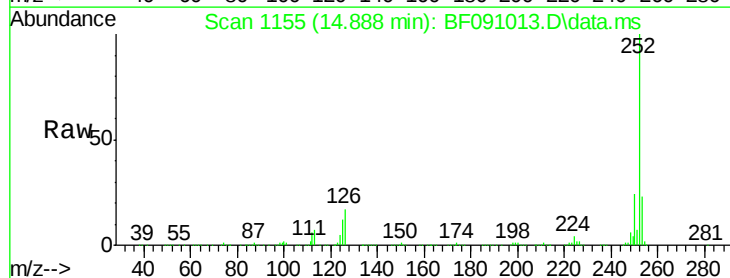
Tgt Ion:252 Resp: 2364376

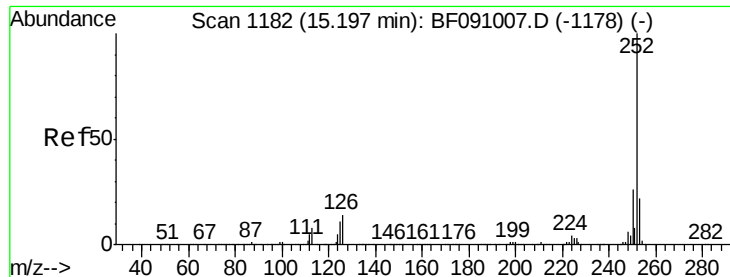
Ion Ratio Lower Upper

252 100

253 23.1 18.6 28.0

125 11.7 11.2 16.8





#89

Benzo(a)pyrene

Concen: 42.45 ng

RT: 15.197 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampleId :

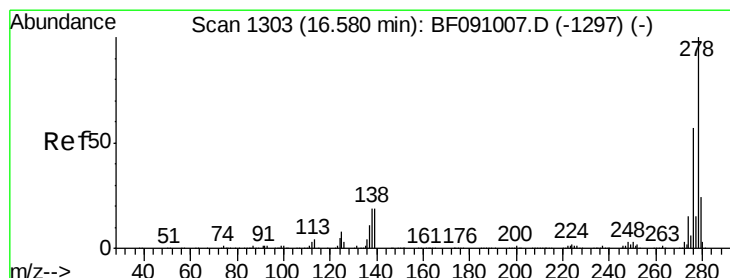
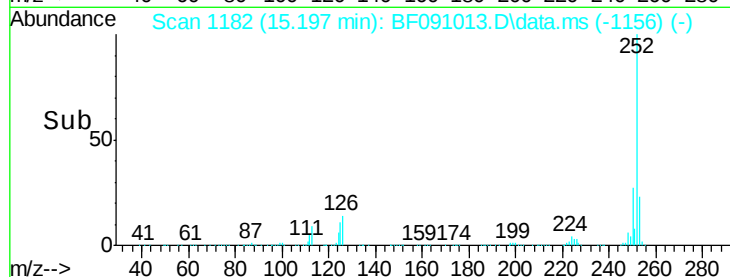
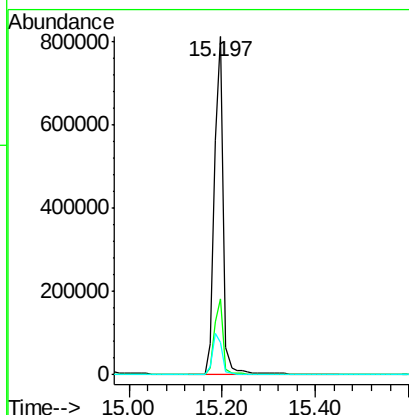
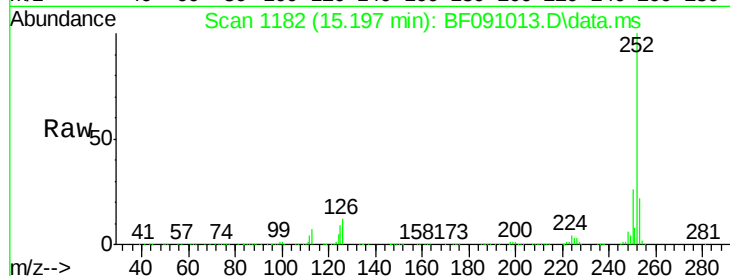
Tot Ion:252 Resp: 1076287

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 9.5 8.6 13.0



#90

Dibenzo(a,h)anthracene

Concen: 42.55 ng

RT: 16.580 min Scan# 1303

Delta R.T. 0.000 min

Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

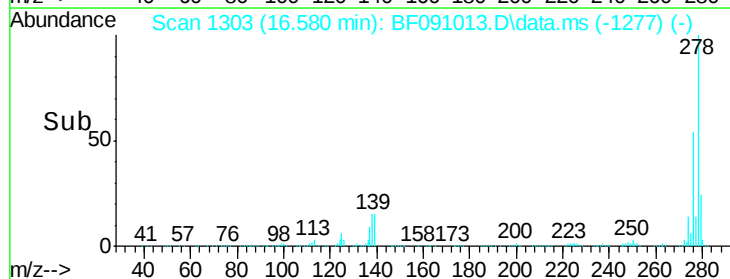
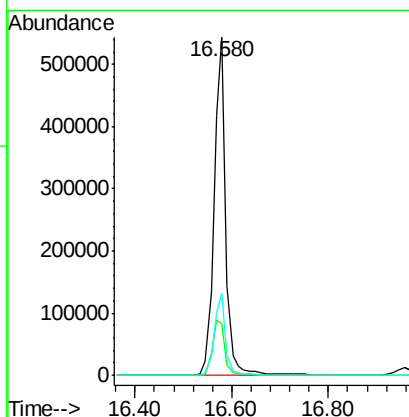
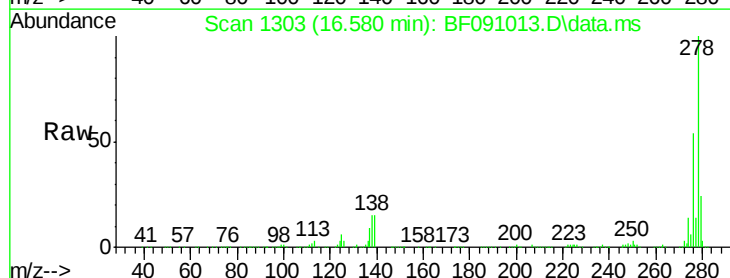
Tgt Ion:278 Resp: 932656

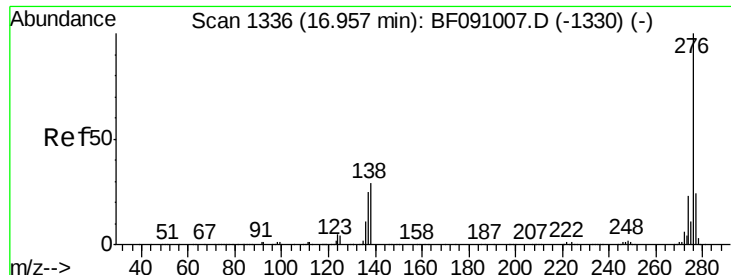
Ion Ratio Lower Upper

278 100

139 15.3 15.3 22.9

279 24.2 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 42.97 ng

RT: 16.957 min Scan# 13

Delta R.T. -0.000 min

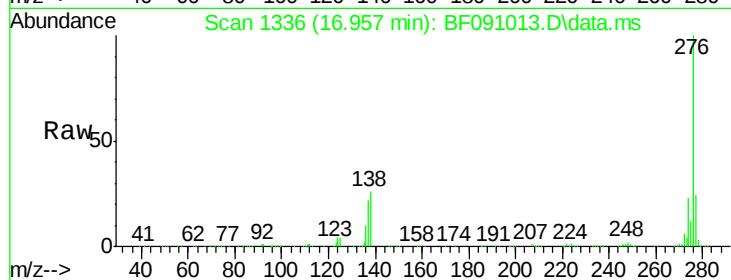
Lab File: BF091013.D

Acq: 4 Nov 2016 8:59

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 851830

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 26.0 23.3 34.9

