

Data Path : Z:\HPCHEM1\BNA F\Data\BF020217\
 Data File : BF092736.D
 Acq On : 2 Feb 2017 15:27
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 02 17:15:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.933	152	178504	20.00	ng	-0.03
21) Naphthalene-d8	8.225	136	638727	20.00	ng	-0.03
38) Acenaphthene-d10	9.985	164	370955	20.00	ng	-0.02
63) Phenanthrene-d10	11.471	188	592312	20.00	ng	-0.02
75) Chrysene-d12	14.111	240	453189	20.00	ng	-0.03
86) Perylene-d12	15.562	264	419337	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.539	112	872094	83.82	ng	-0.03
7) Phenol-d6	6.579	99	1110838	82.98	ng	-0.02
23) Nitrobenzene-d5	7.505	82	1055694	92.04	ng	-0.03
41) 2,4,6-Tribromophenol	10.773	330	218524	81.45	ng	-0.03
44) 2-Fluorobiphenyl	9.299	172	1562291	76.30	ng	-0.03
78) Terphenyl-d14	13.048	244	1469641	76.20	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.567	88	246533	43.85	ng	86
3) Pyridine	3.310	79	668066	46.73	ng	86
4) n-Nitrosodimethylamine	3.276	42	314986	46.92	ng	84
6) Aniline	6.602	93	813438	44.54	ng	# 47
8) 2-Chlorophenol	6.727	128	483485	42.12	ng	92
9) Benzaldehyde	6.476	77	396147	41.30	ng	87
10) Phenol	6.590	94	649532	41.47	ng	97
11) bis(2-Chloroethyl)ether	6.670	93	502344	40.18	ng	90
12) 1,3-Dichlorobenzene	6.956	146	579322	43.09	ng	96
13) 1,4-Dichlorobenzene	6.956	146	579322	42.57	ng	95
14) 1,2-Dichlorobenzene	7.105	146	492113	37.82	ng	96
15) Benzyl Alcohol	7.082	79	402139	40.57	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.219	45	992893	45.71	ng	94
17) 2-Methylphenol	7.196	107	422863	42.94	ng	97
18) Hexachloroethane	7.447	117	187988	40.47	ng	# 87
19) n-Nitroso-di-n-propyla...	7.356	70	348420	40.88	ng	95
20) 3+4-Methylphenols	7.356	107	476214	40.45	ng	91
22) Acetophenone	7.356	105	677600	46.46	ng	# 92
24) Nitrobenzene	7.527	77	617002	52.39	ng	97
25) Isophorone	7.767	82	1057138	49.46	ng	97
26) 2-Nitrophenol	7.847	139	237990	42.51	ng	# 77
27) 2,4-Dimethylphenol	7.882	122	369710	37.60	ng	99
28) bis(2-Chloroethoxy)met...	7.973	93	531672	37.56	ng	99
29) 2,4-Dichlorophenol	8.087	162	370632	40.42	ng	92
30) 1,2,4-Trichlorobenzene	8.167	180	391226	39.59	ng	95
31) Naphthalene	8.247	128	1198979	37.03	ng	99
32) Benzoic acid	8.007	122	224687	41.48	ng	96
33) 4-Chloroaniline	8.305	127	540559	42.57	ng	# 93
34) Hexachlorobutadiene	8.362	225	202755	37.29	ng	99
35) Caprolactam	8.682	113	131526	45.60	ng	# 66
36) 4-Chloro-3-methylphenol	8.785	107	363364	38.01	ng	97
37) 2-Methylnaphthalene	8.945	142	853411	41.05	ng	96
39) 1,2,4,5-Tetrachloroben...	9.105	216	386470	37.11	ng	99
40) Hexachlorocyclopentadiene	9.093	237	180166	38.35	ng	95

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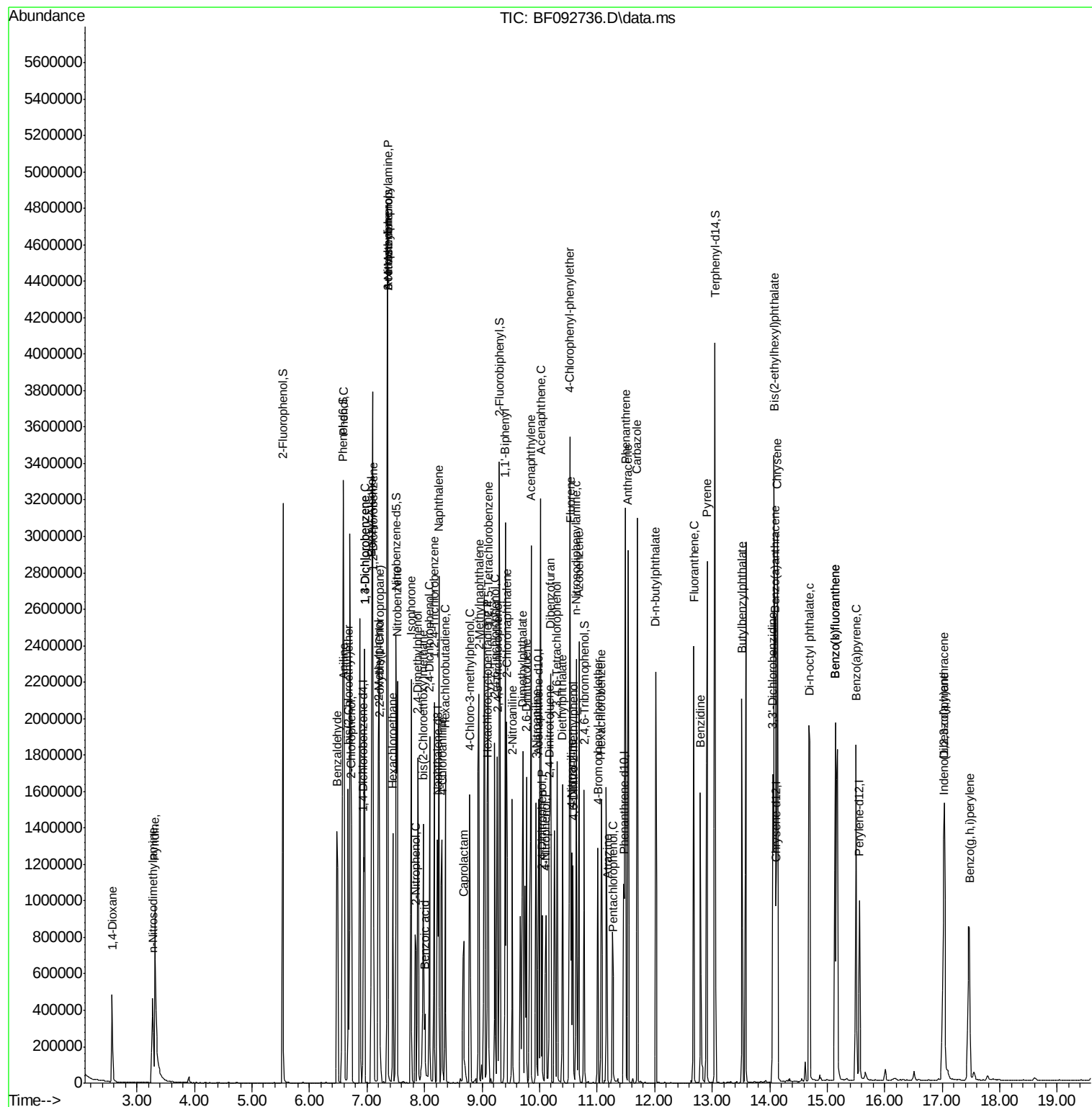
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42) 2,4,6-Trichlorophenol	9.219	196	260285	38.04	nq	92
43) 2,4,5-Trichlorophenol	9.265	196	293479	39.15	nq	# 88
45) 1,1'-Biphenyl	9.402	154	949993	35.37	nq	97
46) 2-Chloronaphthalene	9.425	162	795456	37.86	nq	94
47) 2-Nitroaniline	9.528	65	268758	38.04	nq	96
48) Acenaphthylene	9.848	152	1419522	39.11	nq	99
49) Dimethylphthalate	9.710	163	996017	39.86	nq	100
50) 2,6-Dinitrotoluene	9.768	165	202091	37.45	nq	# 82
51) Acenaphthene	10.019	154	865661	39.89	nq	96
52) 3-Nitroaniline	9.939	138	219472	35.54	nq	99
53) 2,4-Dinitrophenol	10.042	184	111263	42.87	nq	# 77
54) Dibenzofuran	10.191	168	1134107	39.07	nq	91
55) 4-Nitrophenol	10.111	139	201973	45.41	nq	# 73
56) 2,4-Dinitrotoluene	10.168	165	254982	35.49	nq	98
57) Fluorene	10.533	166	918091	41.11	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.305	232	203535	40.70	nq	98
59) Diethylphthalate	10.396	149	918278	39.00	nq	100
60) 4-Chlorophenyl-phenyle...	10.522	204	426176	39.72	nq	# 83
61) 4-Nitroaniline	10.556	138	258341	40.84	nq	91
62) Azobenzene	10.682	77	973249	40.01	nq	93
64) 4,6-Dinitro-2-methylph...	10.579	198	153785	42.95	nq	# 74
65) n-Nitrosodiphenylamine	10.636	169	750923	39.69	nq	99
66) 4-Bromophenyl-phenylether	11.013	248	256358	41.43	nq	# 81
67) Hexachlorobenzene	11.071	284	242076	39.59	nq	# 76
68) Atrazine	11.173	200	253123	41.69	nq	89
69) Pentachlorophenol	11.276	266	131013	44.97	nq	98
70) Phenanthrene	11.494	178	1391731	41.01	nq	98
71) Anthracene	11.539	178	1248045	36.62	nq	99
72) Carbazole	11.699	167	1241987	38.13	nq	99
73) Di-n-butylphthalate	12.019	149	1390606	39.47	nq	98
74) Fluoranthene	12.682	202	1423802	40.68	nq	91
76) Benzidine	12.797	184	685301	35.49	nq	99
77) Pyrene	12.911	202	1437904	42.40	nq	99
79) Butylbenzylphthalate	13.517	149	562705	40.86	nq	97
80) Benzo(a)anthracene	14.088	228	1148438	41.43	nq	99
81) 3,3'-Dichlorobenzidine	14.054	252	389161	39.39	nq	97
82) Chrysene	14.134	228	1125787	43.38	nq	99
83) Bis(2-ethylhexyl)phtha...	14.077	149	801331	42.54	nq	# 98
84) Di-n-octyl phthalate	14.694	149	1399478	45.63	nq	100
85) Indeno(1,2,3-cd)pyrene	17.026	276	923611	45.95	nq	95
87) Benzo(b)fluoranthene	15.140	252	1039257	37.65	nq	99
88) Benzo(k)fluoranthene	15.140	252	1039257	43.61	nq	99
89) Benzo(a)pyrene	15.505	252	959922	40.21	nq	98
90) Dibenzo(a,h)anthracene	17.037	278	787224	40.80	nq	# 95
91) Benzo(g,h,i)perylene	17.471	276	772230	39.62	nq	94

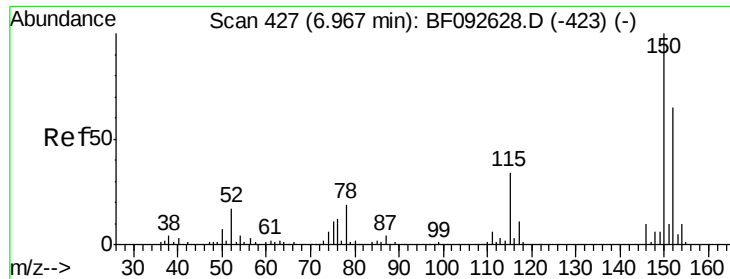
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.933 min Scan# 42

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

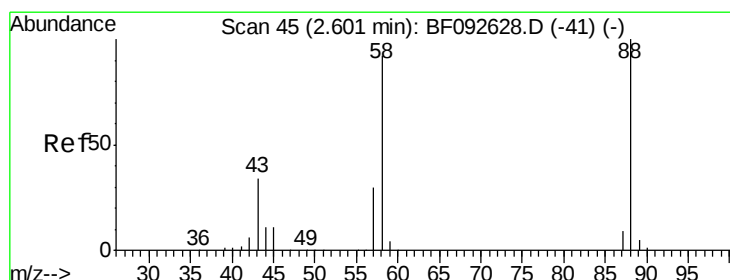
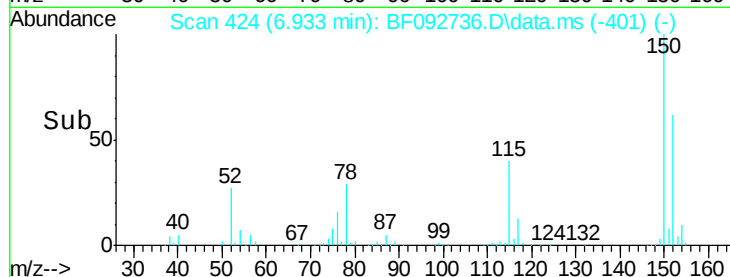
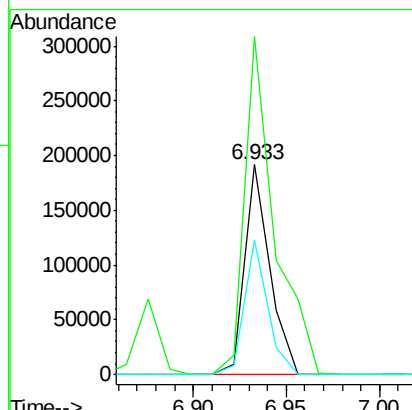
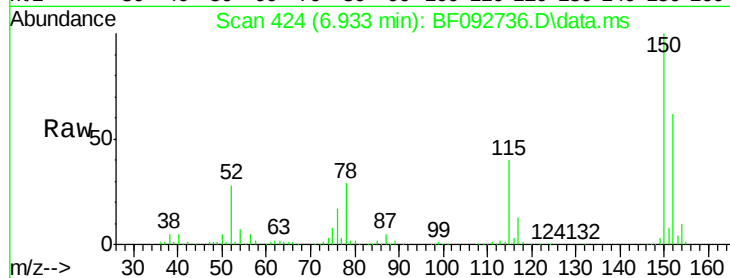
Tot Ion:152 Resp: 178504

Ion Ratio Lower Upper

152 100

150 161.3 124.9 187.3

115 64.4 46.0 69.0



#2

1,4-Dioxane

Concen: 43.85 ng

RT: 2.567 min Scan# 42

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

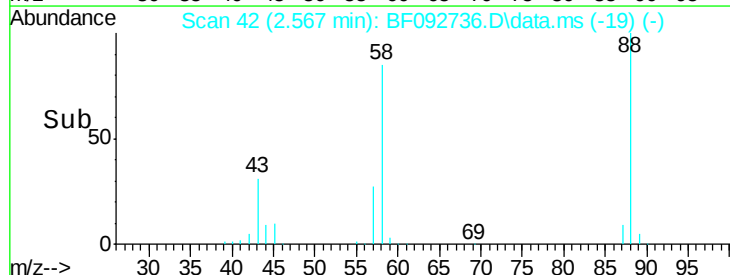
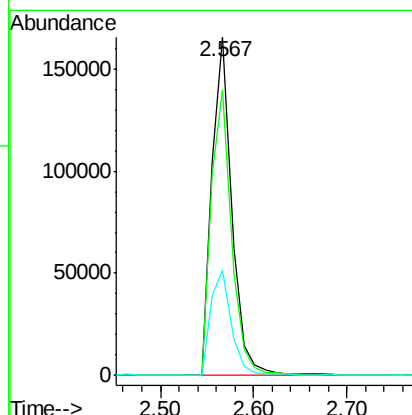
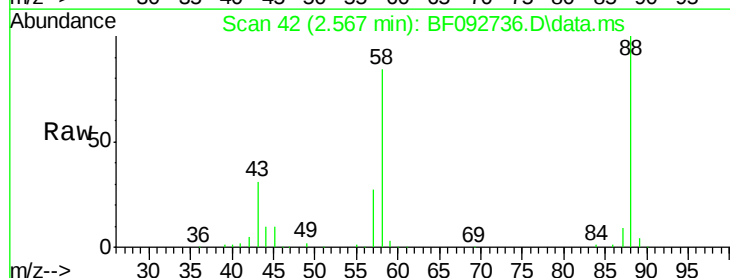
Tgt Ion: 88 Resp: 246533

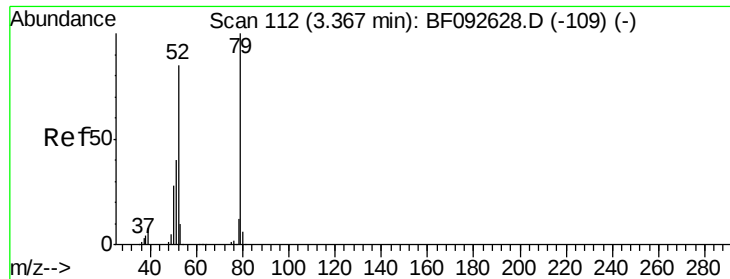
Ion Ratio Lower Upper

88 100

58 85.9 57.8 86.8

43 32.5 22.3 33.5





#3

Pvridine

Concen: 46.73 ng

RT: 3.310 min Scan# 10

Delta R.T. -0.057 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

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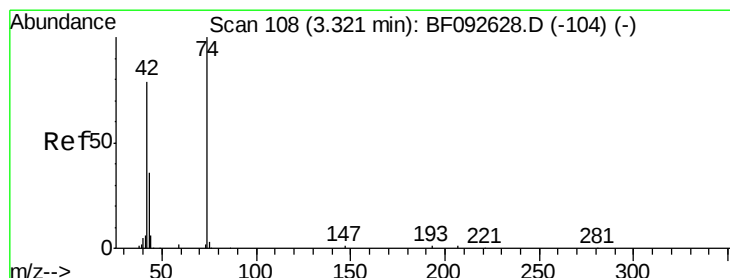
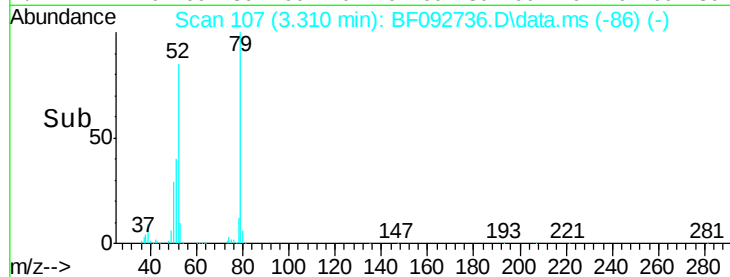
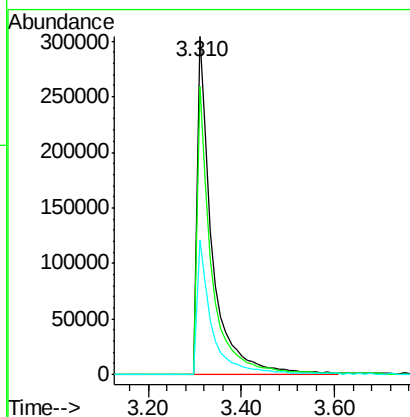
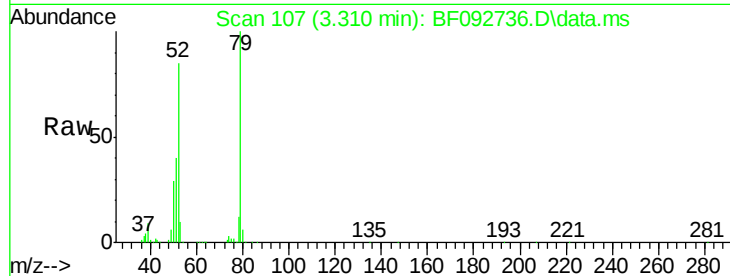
Tot Ion: 79 Resp: 668066

Ion Ratio Lower Upper

79 100

52 85.1 57.1 85.7

51 40.0 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 46.92 ng

RT: 3.276 min Scan# 104

Delta R.T. -0.046 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

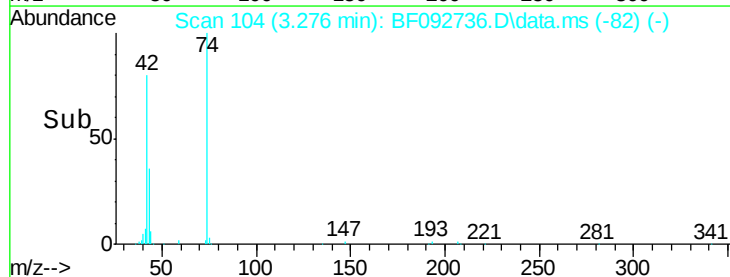
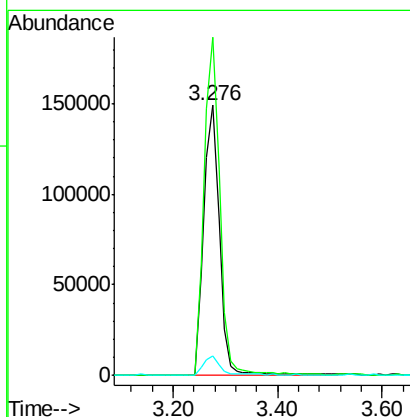
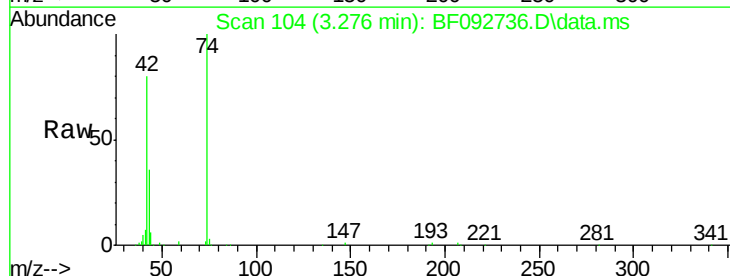
Tgt Ion: 42 Resp: 314986

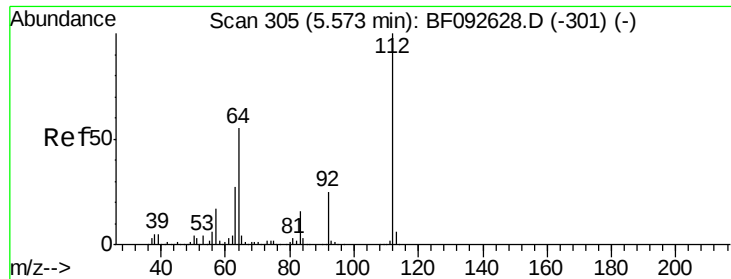
Ion Ratio Lower Upper

42 100

74 125.2 117.0 175.4

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 83.82 ng

RT: 5.539 min Scan# 30

Delta R.T. -0.033 min

Lab File: BF092736.D

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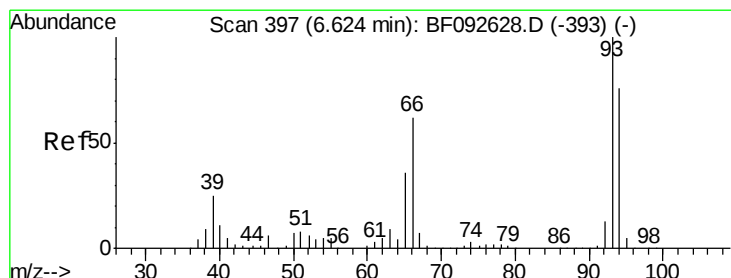
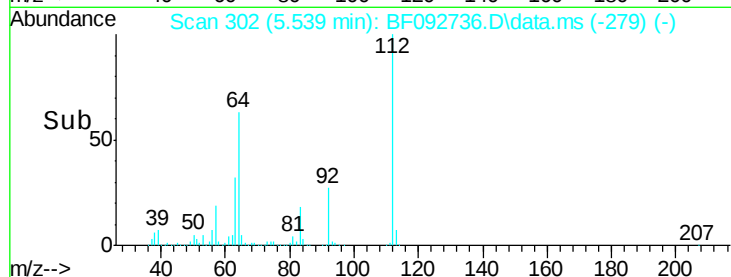
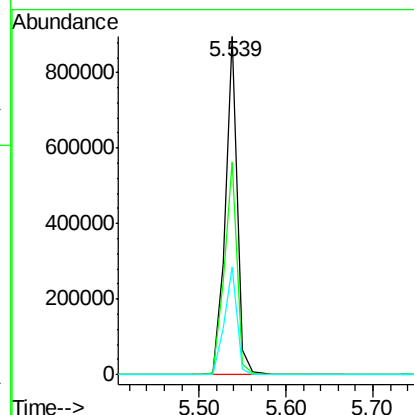
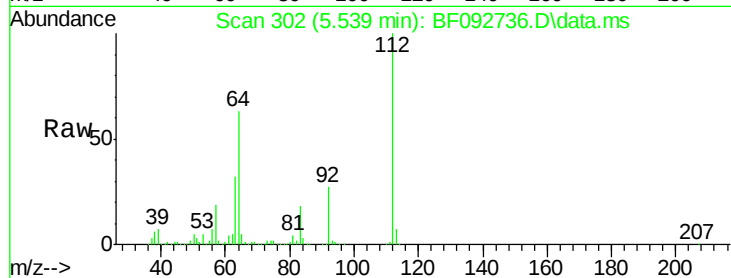
Tot Ion:112 Resp: 872094

Ion Ratio Lower Upper

112 100

64 63.0 46.1 69.1

63 31.8 23.8 35.6



#6

Aniline

Concen: 44.54 ng

RT: 6.602 min Scan# 395

Delta R.T. -0.023 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

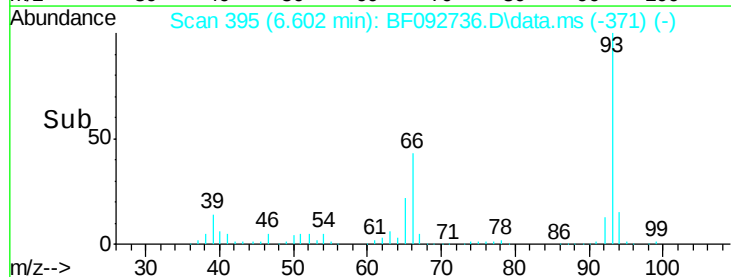
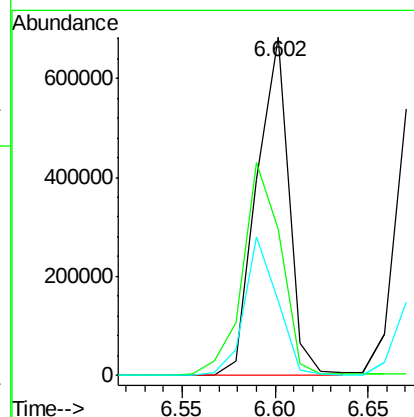
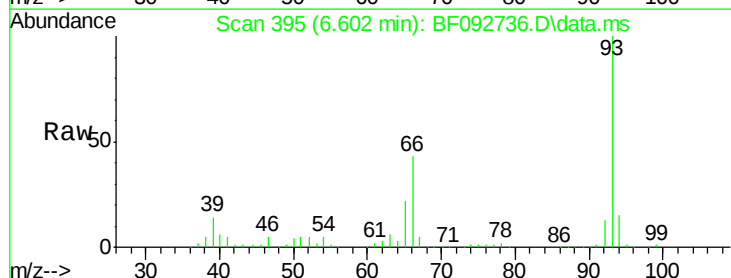
Tgt Ion: 93 Resp: 813438

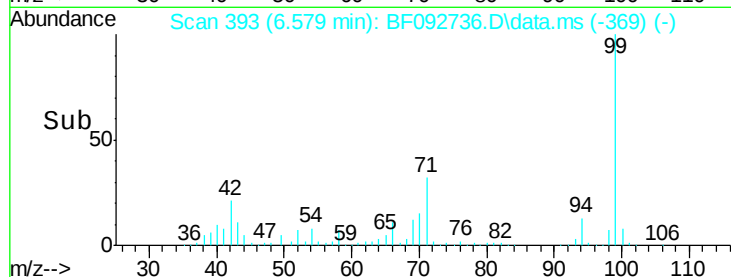
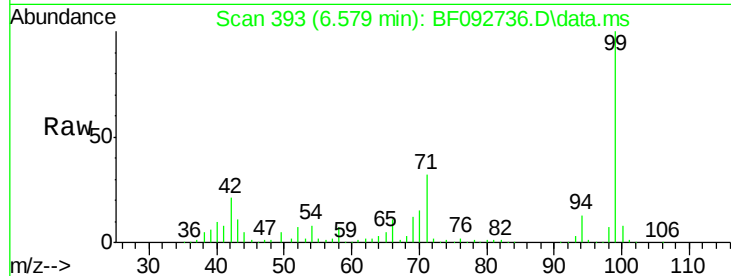
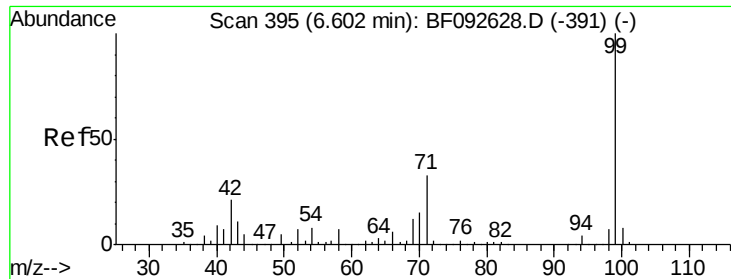
Ion Ratio Lower Upper

93 100

66 43.2 76.2 114.2#

65 22.0 49.3 73.9#





#7

Phenol-d6

Concen: 82.98 ng

RT: 6.579 min Scan# 39

Delta R.T. -0.023 min

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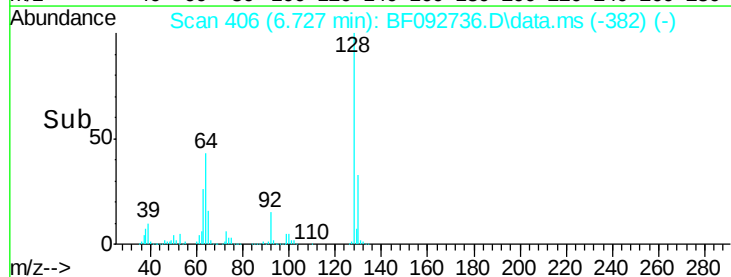
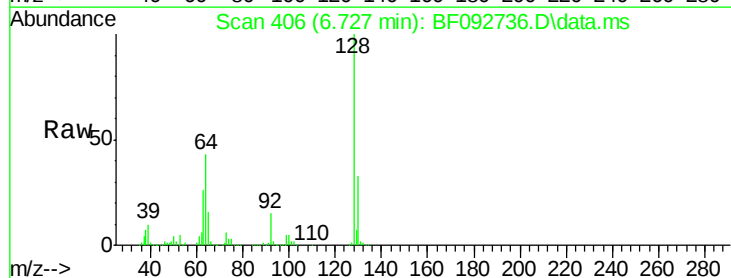
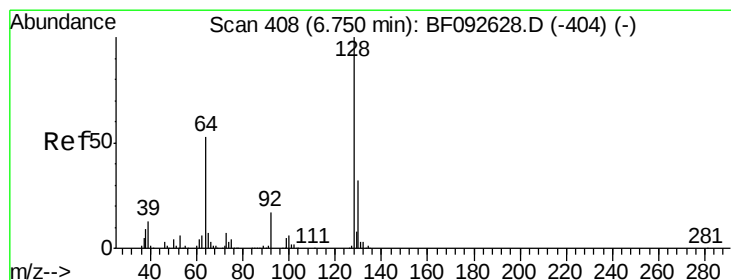
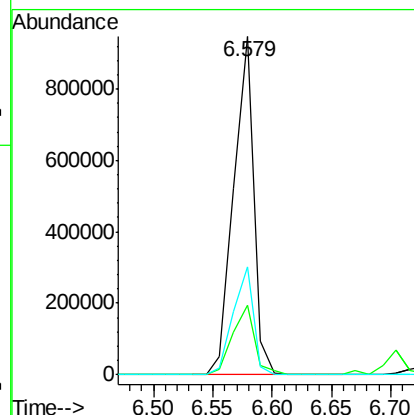
Tot Ion: 99 Resp: 1110838

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

71 31.8 27.5 41.3



#8

2-Chlorophenol

Concen: 42.12 ng

RT: 6.727 min Scan# 406

Delta R.T. -0.023 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

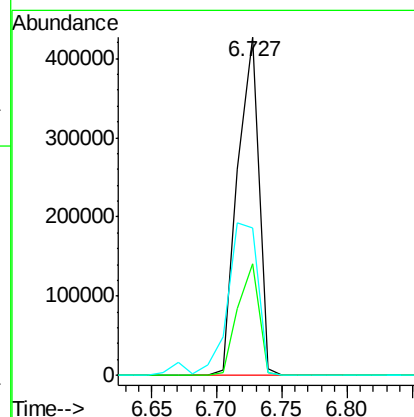
Tgt Ion: 128 Resp: 483485

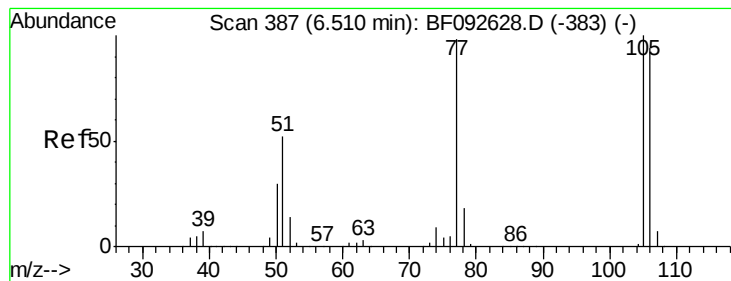
Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

64 43.4 32.2 72.2





#9

Benzaldehyde

Concen: 41.30 ng

RT: 6.476 min Scan# 38

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

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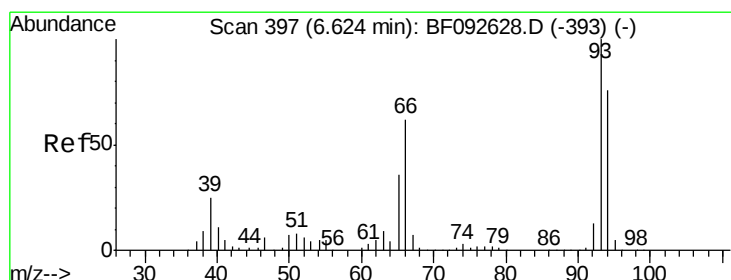
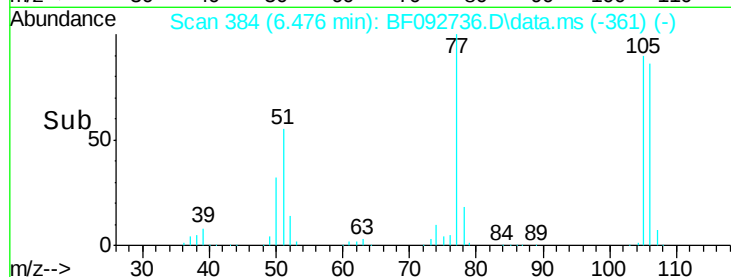
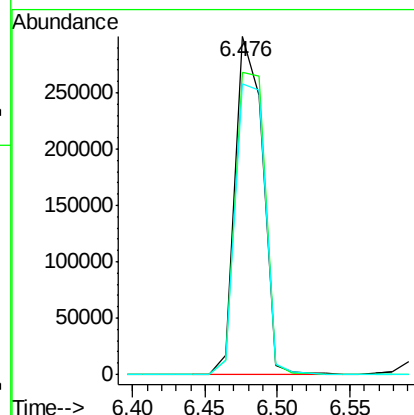
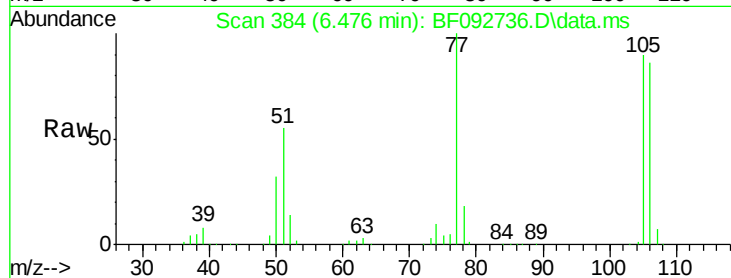
Tot Ion: 77 Resp: 396147

Ion Ratio Lower Upper

77 100

105 89.5 83.9 123.9

106 86.1 77.6 117.6



#10

Phenol

Concen: 41.47 ng

RT: 6.590 min Scan# 394

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

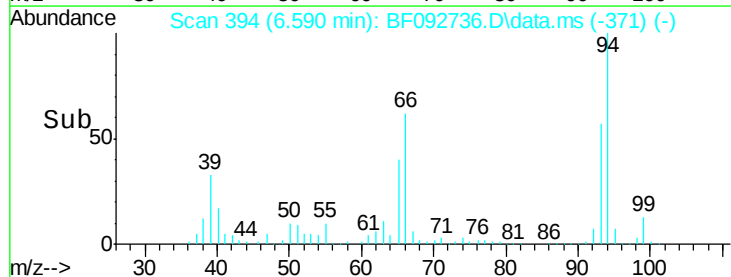
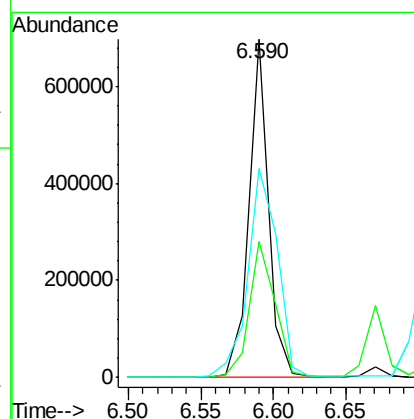
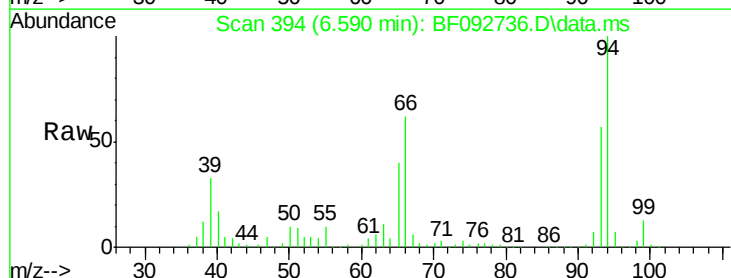
Tgt Ion: 94 Resp: 649532

Ion Ratio Lower Upper

94 100

65 40.2 21.4 61.4

66 61.7 44.0 84.0

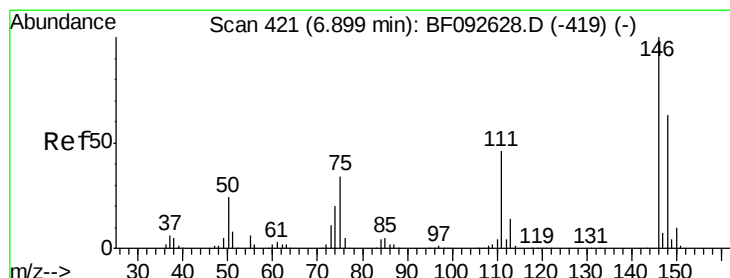
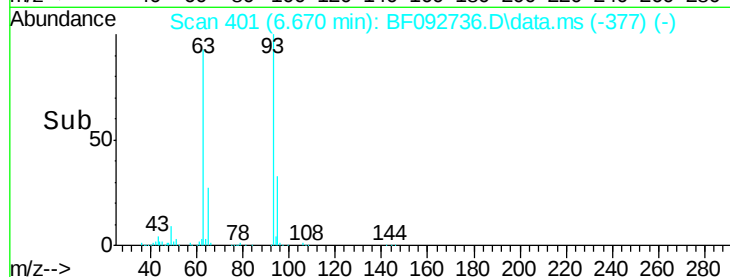
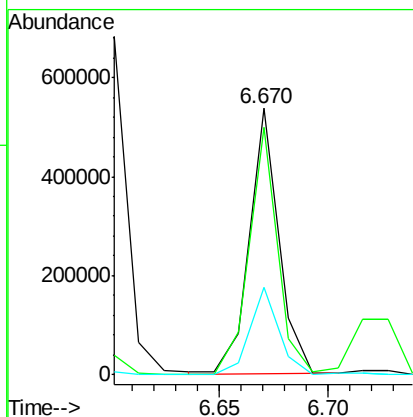
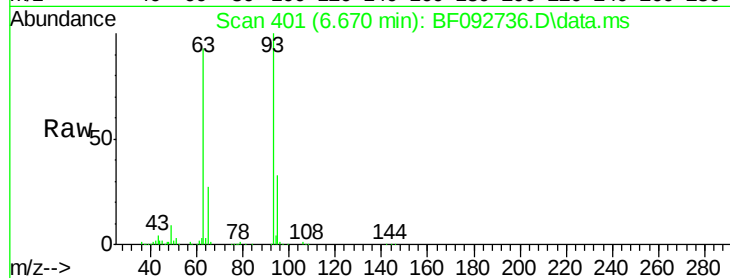




#11
bis(2-Chloroethyl)ether
Concen: 40.18 ng
RT: 6.670 min Scan# 40
Delta R.T. -0.023 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

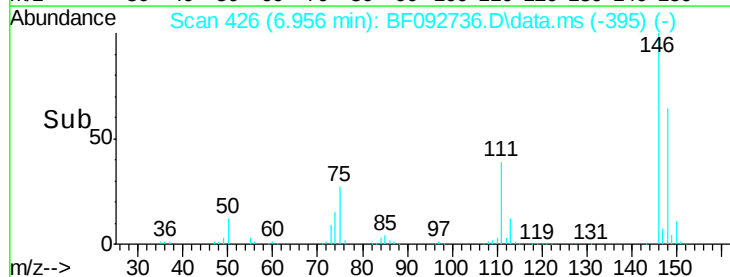
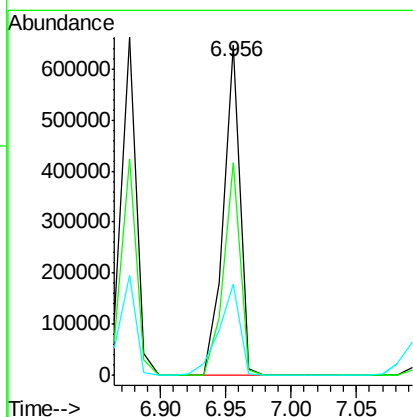
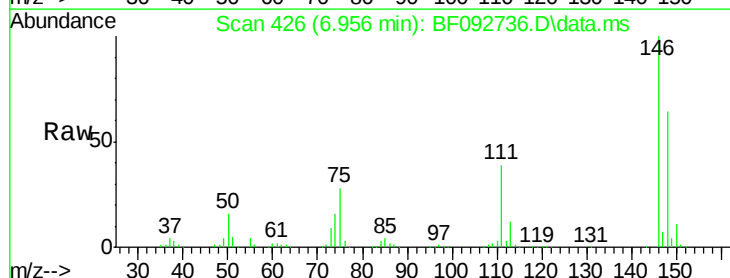
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

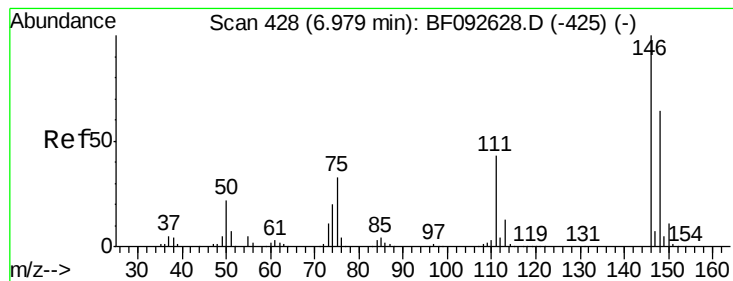
Tot Ion: 93 Resp: 502344
Ion Ratio Lower Upper
93 100
63 93.0 60.4 100.4
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.09 ng
RT: 6.956 min Scan# 426
Delta R.T. 0.057 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion: 146 Resp: 579322
Ion Ratio Lower Upper
146 100
148 64.5 53.4 80.0
75 27.6 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 42.57 ng

RT: 6.956 min Scan# 42

Delta R.T. -0.023 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

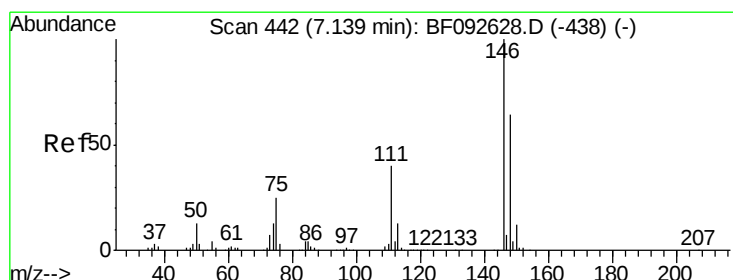
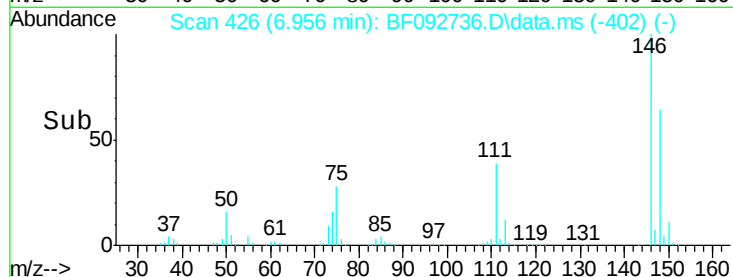
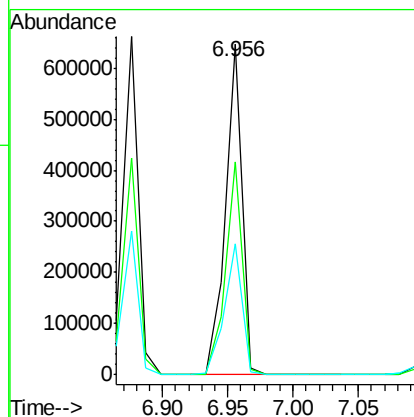
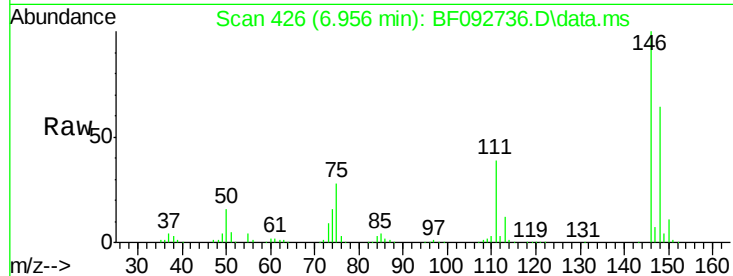
Tot Ion:146 Resp: 579322

Ion Ratio Lower Upper

146 100

148 64.5 50.6 76.0

111 39.5 36.2 54.4



#14

1,2-Dichlorobenzene

Concen: 37.82 ng

RT: 7.105 min Scan# 439

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

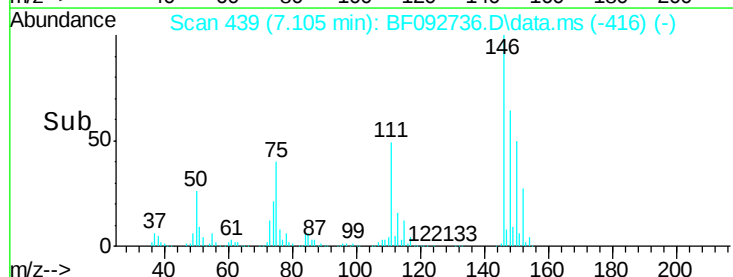
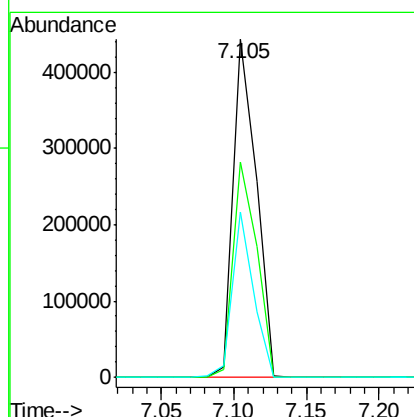
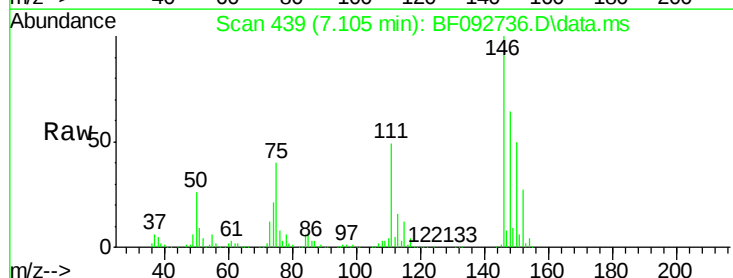
Tgt Ion:146 Resp: 492113

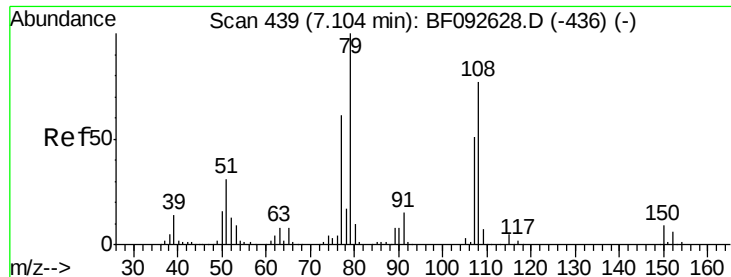
Ion Ratio Lower Upper

146 100

148 63.5 52.2 78.2

111 48.9 36.2 54.2





#15

Benzyl Alcohol

Concen: 40.57 ng

RT: 7.082 min Scan# 43

Delta R.T. -0.023 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

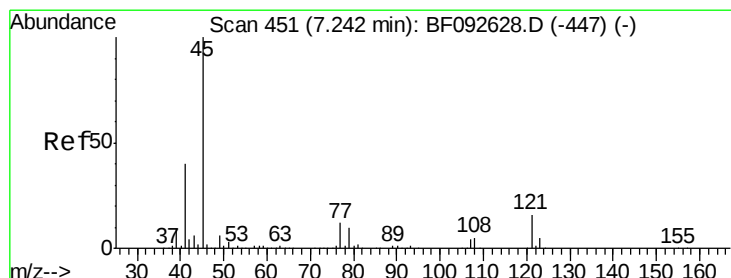
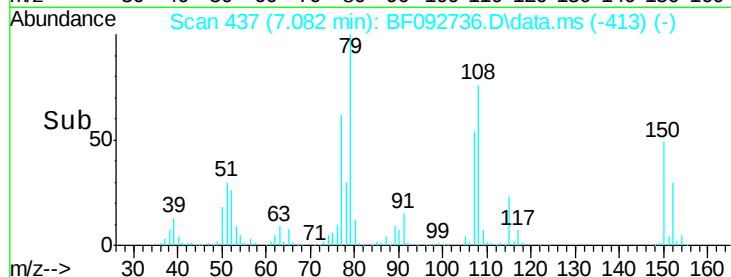
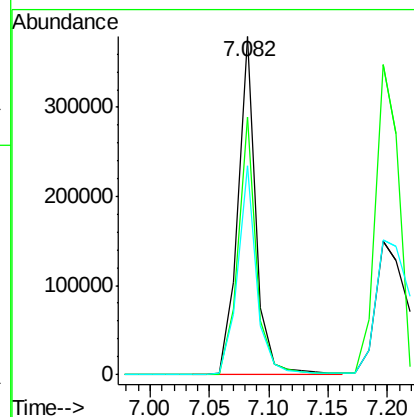
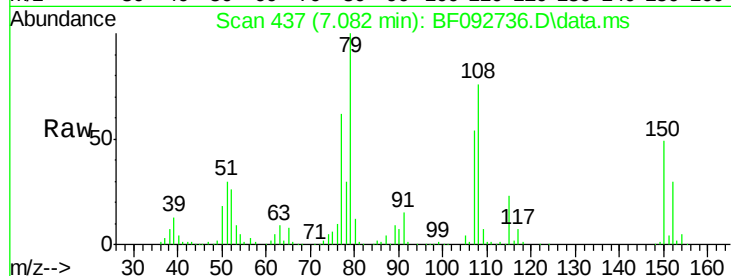
Tot Ion: 79 Resp: 402139

Ion Ratio Lower Upper

79 100

108 76.0 61.4 92.0

77 61.8 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.71 ng

RT: 7.219 min Scan# 449

Delta R.T. -0.023 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

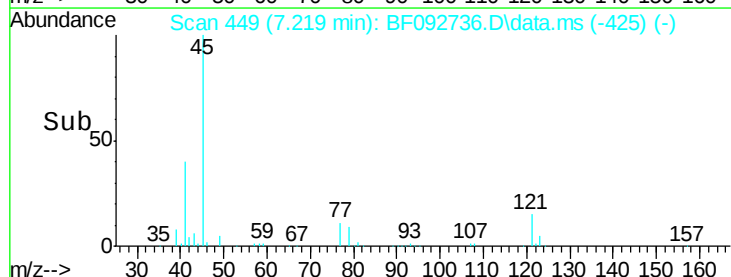
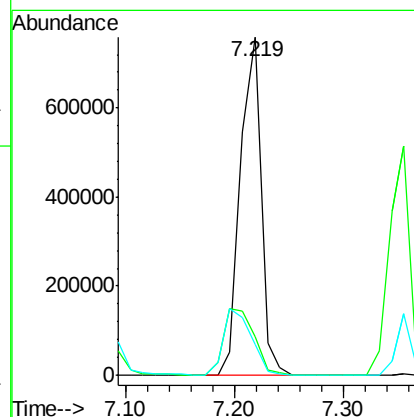
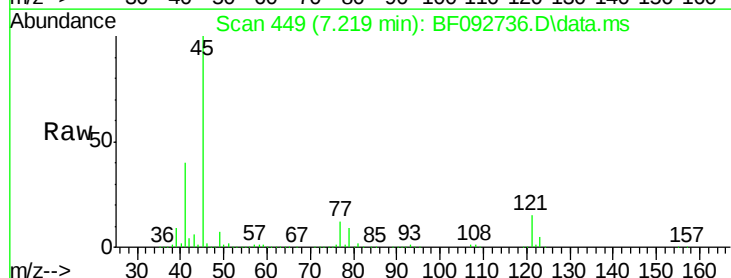
Tgt Ion: 45 Resp: 992893

Ion Ratio Lower Upper

45 100

77 11.5 0.0 34.6

79 9.2 0.0 31.2





#17

2-Methylphenol

Concen: 42.94 ng

RT: 7.196 min Scan# 44

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 422863

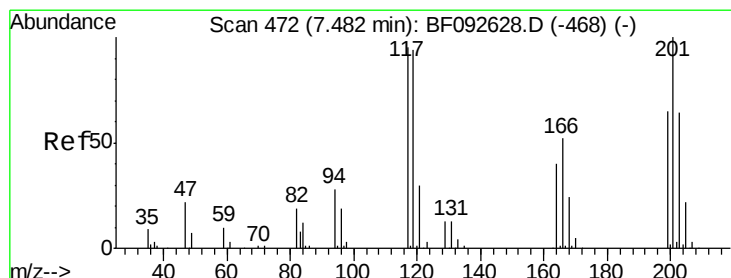
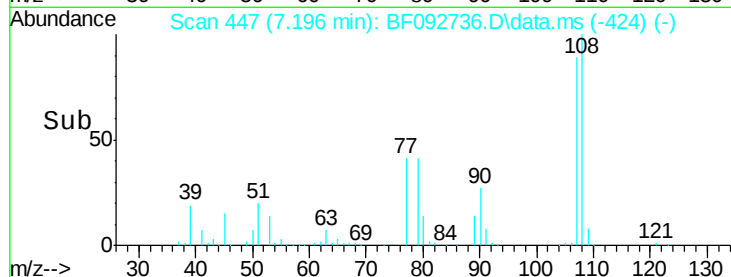
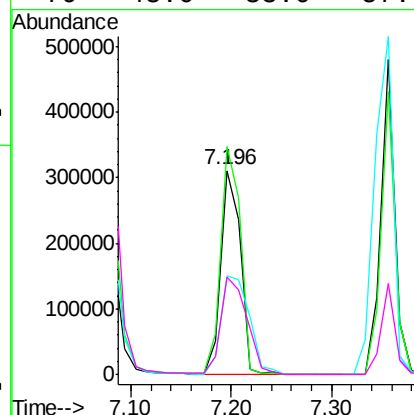
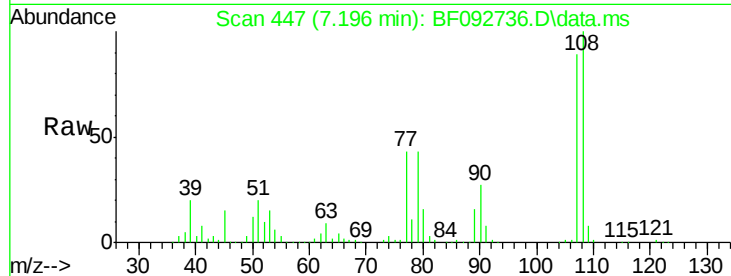
Ion Ratio Lower Upper

107 100

108 112.2 93.0 139.6

77 48.5 39.8 59.8

79 48.0 38.0 57.0



#18

Hexachloroethane

Concen: 40.47 ng

RT: 7.447 min Scan# 469

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

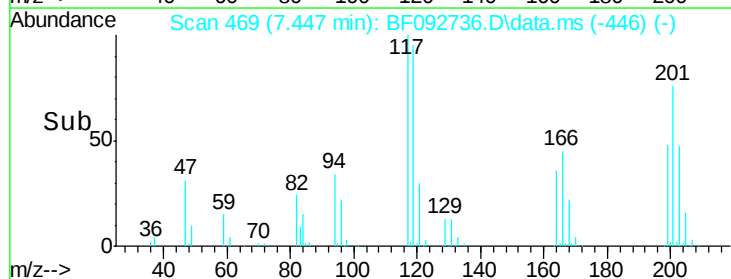
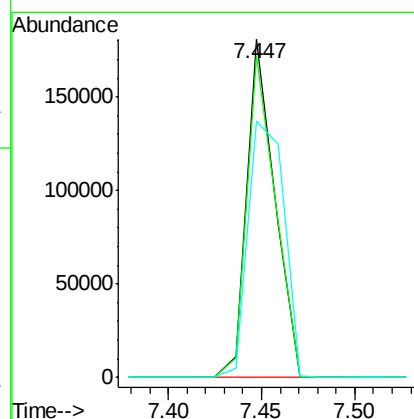
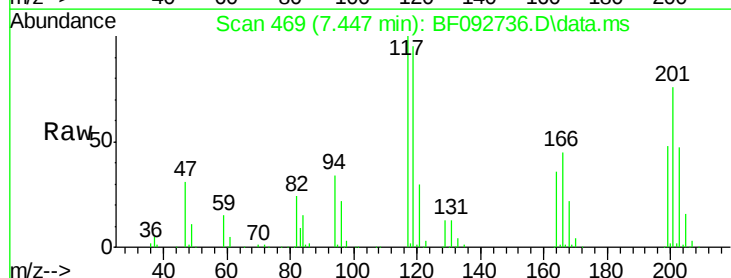
Tgt Ion:117 Resp: 187988

Ion Ratio Lower Upper

117 100

119 95.1 78.1 117.1

201 75.8 78.6 117.8#

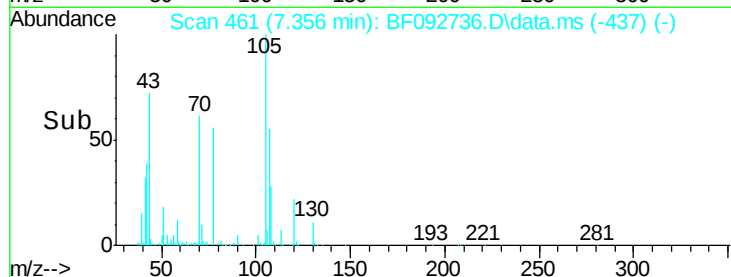
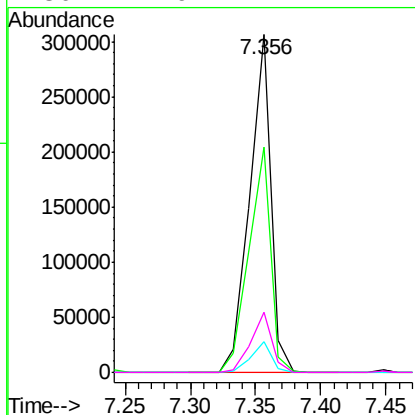
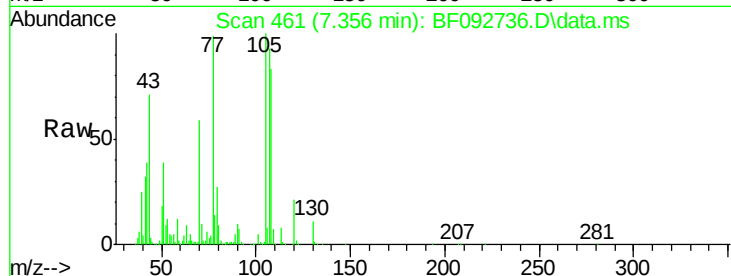




#19
n-Nitroso-di-n-propylamine
Concen: 40.88 ng
RT: 7.356 min Scan# 461
Delta R.T. -0.023 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

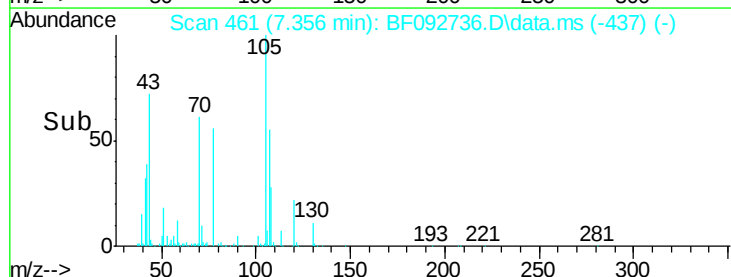
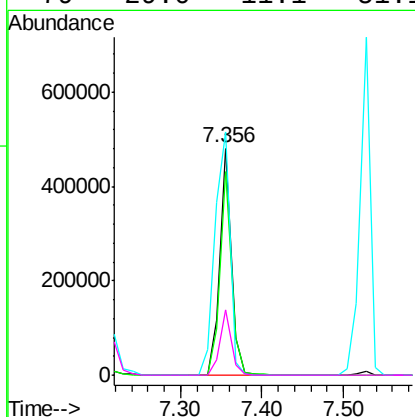
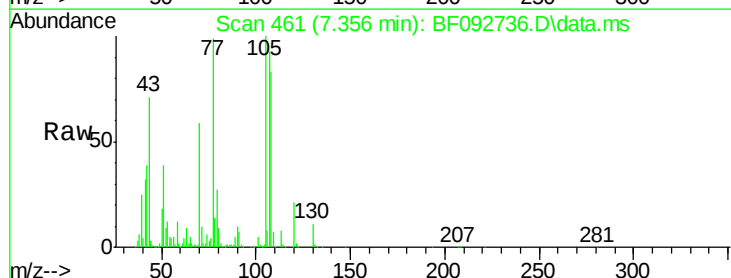
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

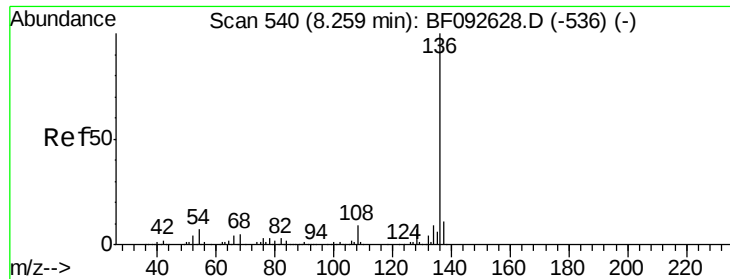
Tot Ion:	70	Resp:	348420
Ion	Ratio	Lower	Upper
70	100		
42	66.8	49.4	74.0
101	9.0	7.4	11.2
130	17.9	14.2	21.4



#20
3+4-Methylphenols
Concen: 40.45 ng
RT: 7.356 min Scan# 461
Delta R.T. -0.023 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion:	107	Resp:	476214
Ion	Ratio	Lower	Upper
107	100		
108	89.6	73.0	113.0
77	107.2	71.3	111.3
79	29.0	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.225 min Scan# 53

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 638727

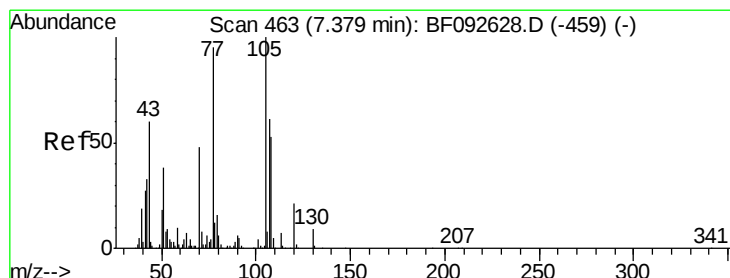
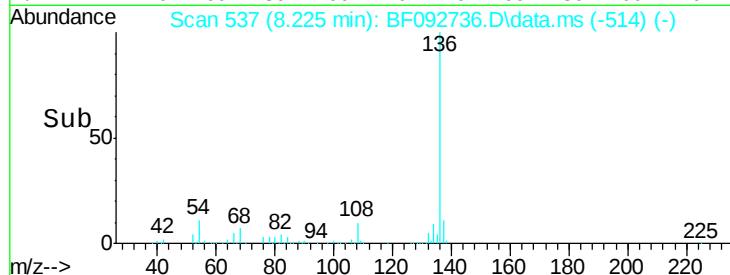
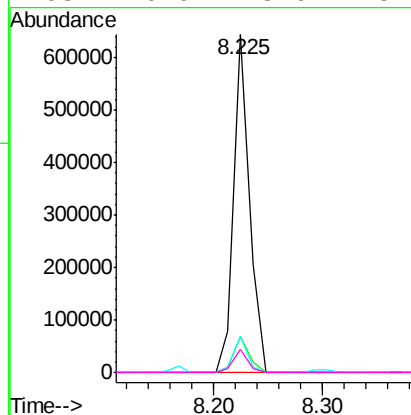
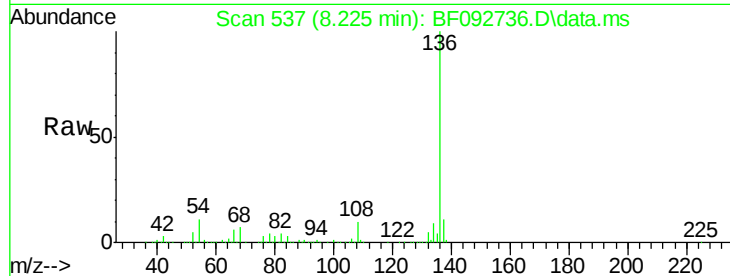
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 10.8 4.5 6.7#

68 6.9 3.6 5.4#



#22

Acetophenone

Concen: 46.46 ng

RT: 7.356 min Scan# 461

Delta R.T. -0.023 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Tgt Ion:105 Resp: 677600

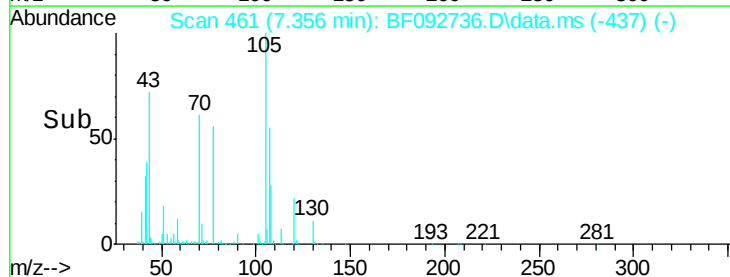
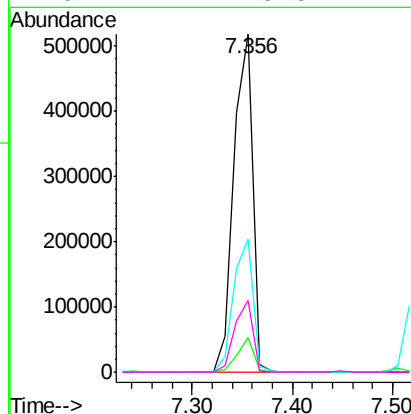
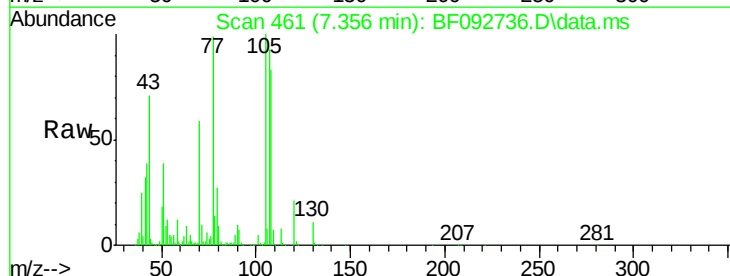
Ion Ratio Lower Upper

105 100

71 10.2 3.2 4.8#

51 39.3 26.2 39.4

120 21.2 16.6 24.8

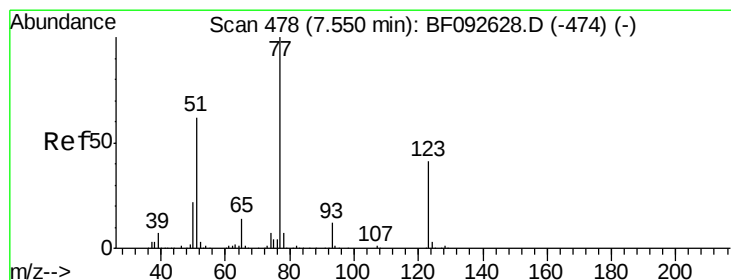
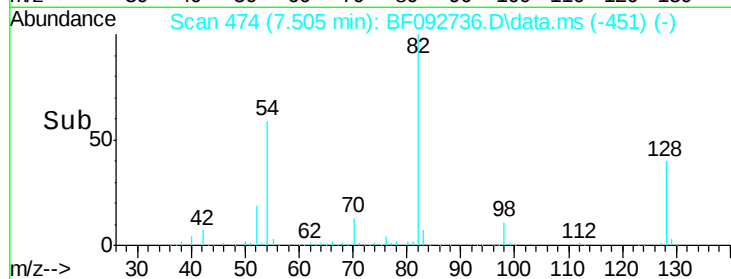
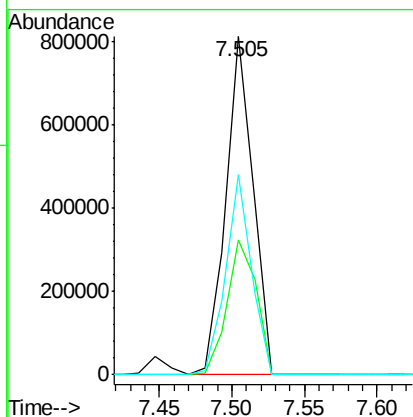
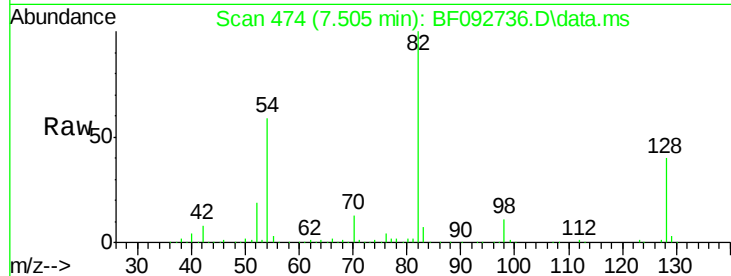




#23
Nitrobenzene-d5
Concen: 92.04 ng
RT: 7.505 min Scan# 47
Delta R.T. -0.034 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

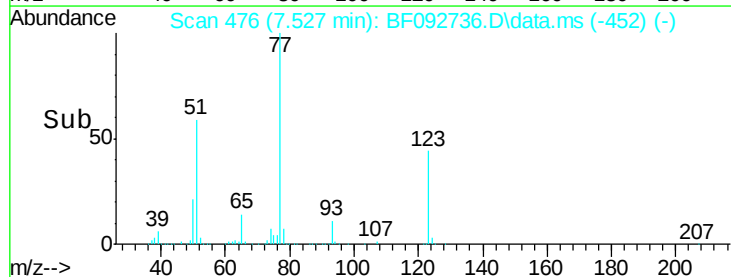
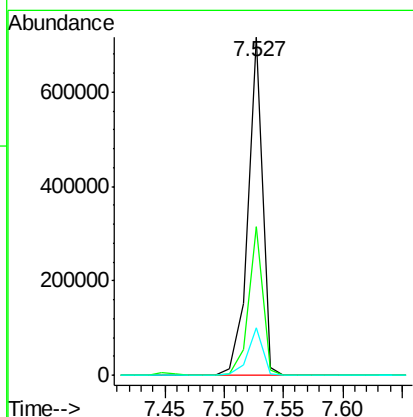
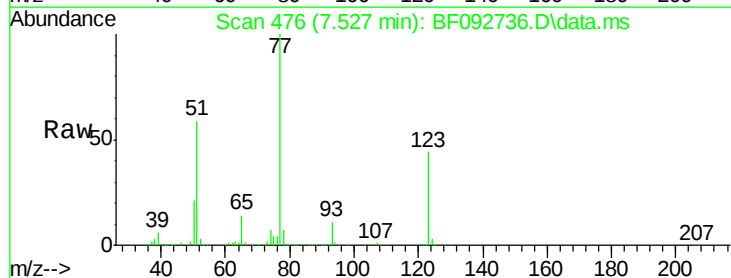
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

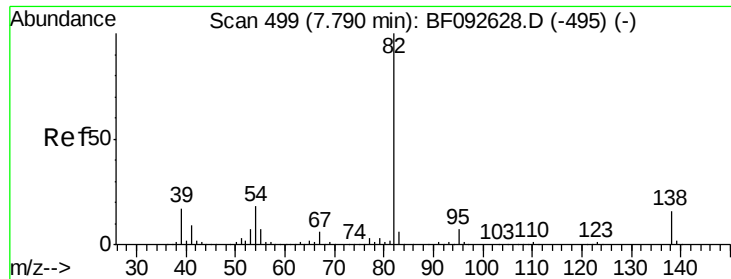
Tot Ion: 82 Resp: 1055694
Ion Ratio Lower Upper
82 100
128 40.0 34.6 52.0
54 59.1 39.5 59.3



#24
Nitrobenzene
Concen: 52.39 ng
RT: 7.527 min Scan# 476
Delta R.T. -0.023 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion: 77 Resp: 617002
Ion Ratio Lower Upper
77 100
123 44.1 33.0 49.4
65 14.1 11.2 16.8





#25

Isophorone

Concen: 49.46 ng

RT: 7.767 min Scan# 49

Delta R.T. -0.023 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

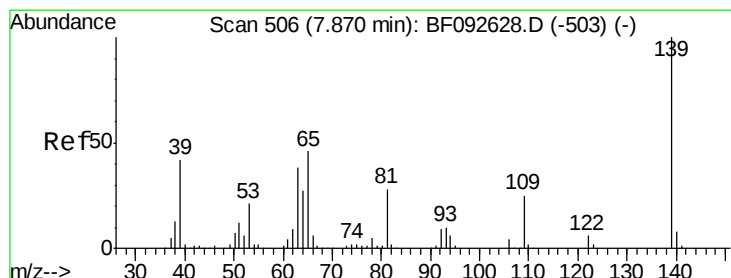
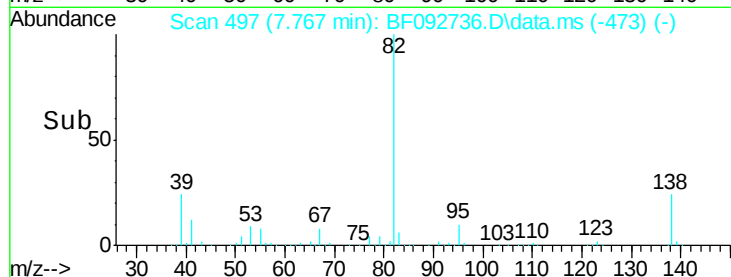
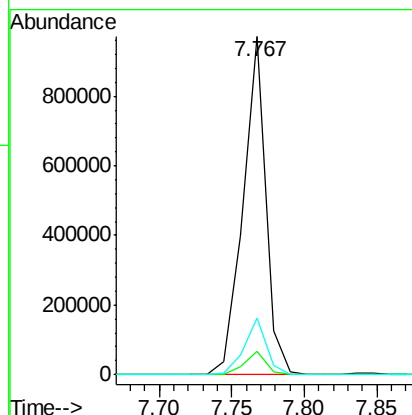
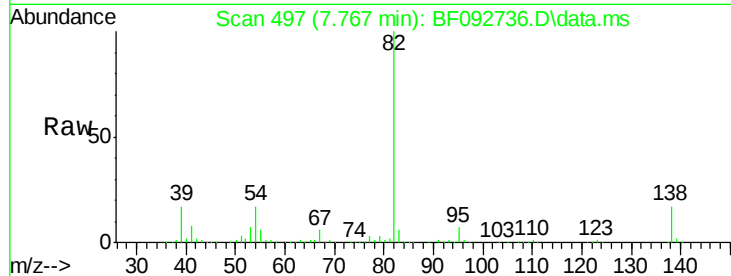
Tot Ion: 82 Resp: 1057138

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 16.5 14.6 22.0



#26

2-Nitrophenol

Concen: 42.51 ng

RT: 7.847 min Scan# 504

Delta R.T. -0.023 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

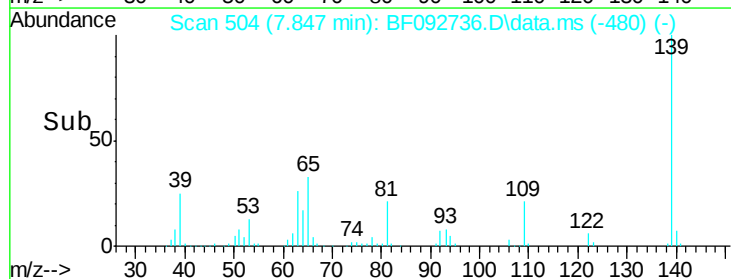
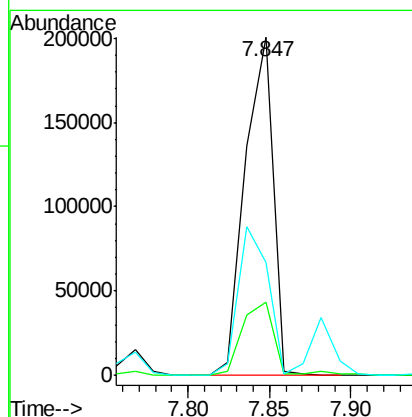
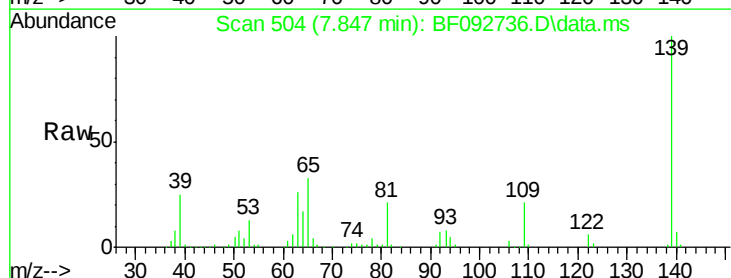
Tgt Ion: 139 Resp: 237990

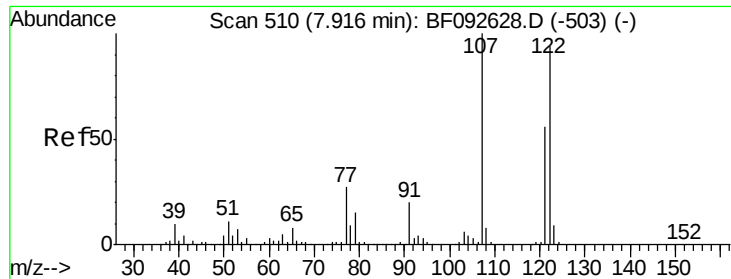
Ion Ratio Lower Upper

139 100

109 21.5 23.3 34.9#

65 33.2 42.7 64.1#

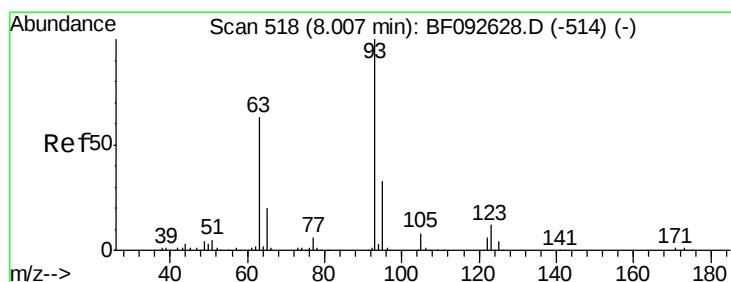
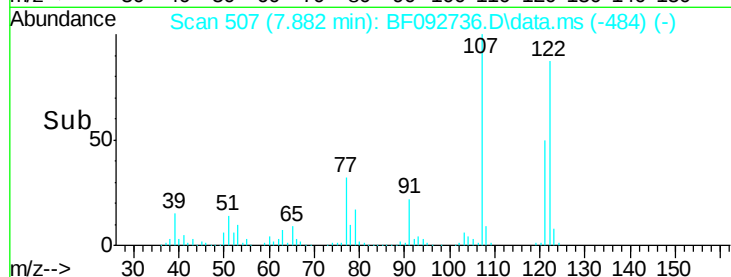
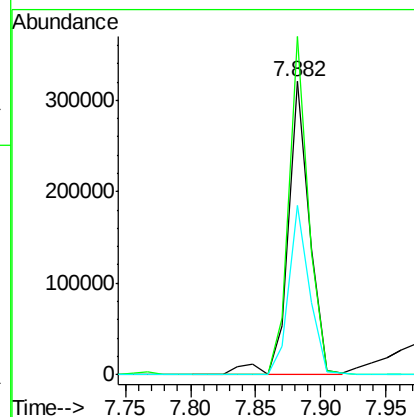
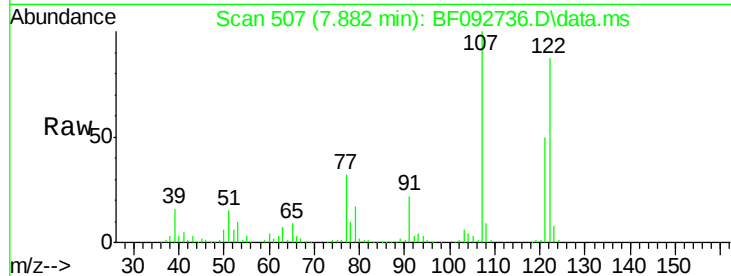




#27
2,4-Dimethylphenol
Concen: 37.60 ng
RT: 7.882 min Scan# 50
Delta R.T. -0.034 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

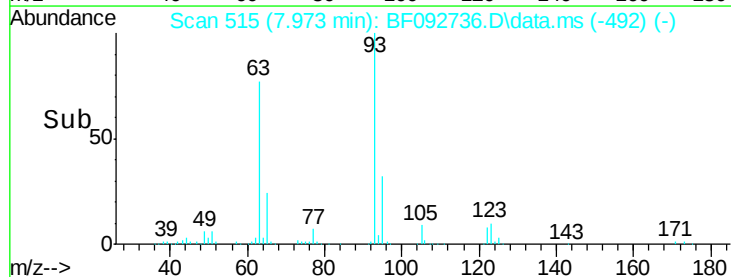
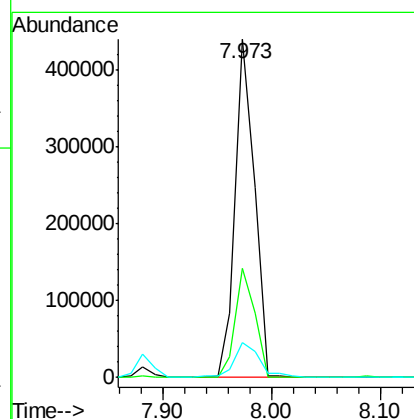
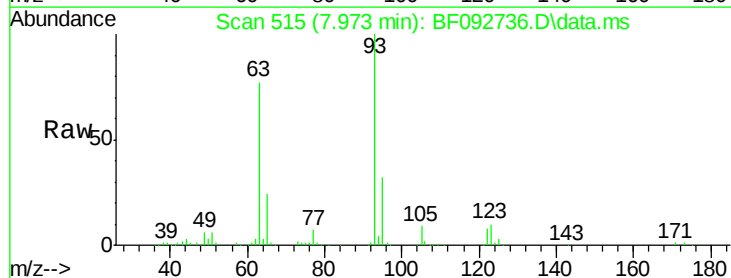
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

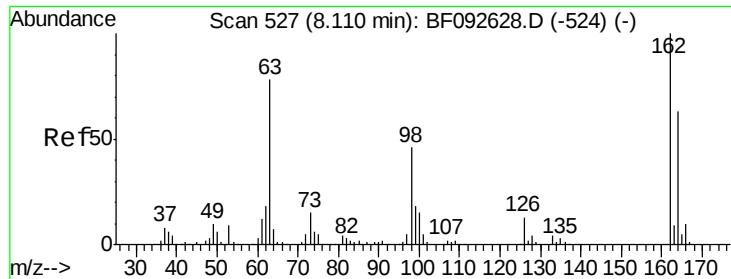
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.5	94.1	141.1
121	58.0	46.0	69.0



#28
bis(2-Chloroethoxy)methane
Concen: 37.56 ng
RT: 7.973 min Scan# 515
Delta R.T. -0.034 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	10.2	8.6	13.0

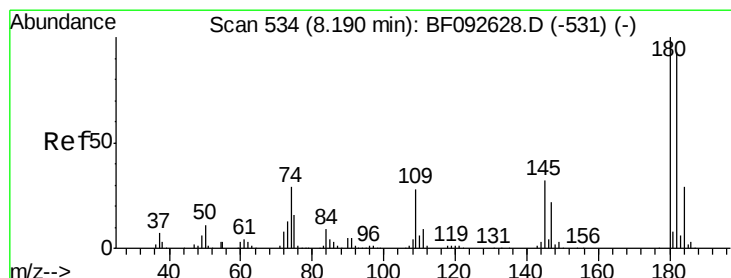
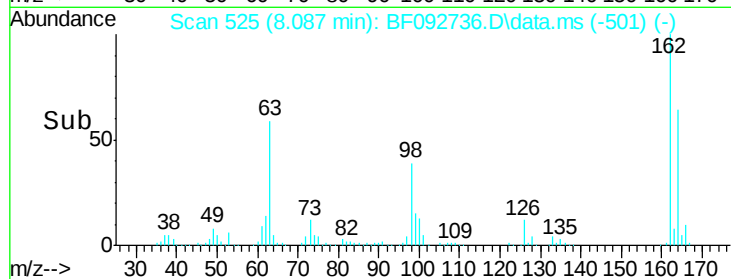
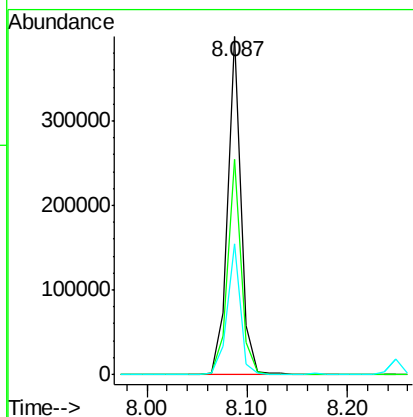
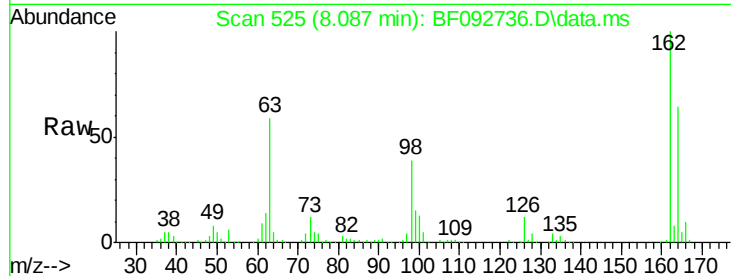




#29
 2,4-Dichlorophenol
 Concen: 40.42 ng
 RT: 8.087 min Scan# 52
 Delta R.T. -0.023 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

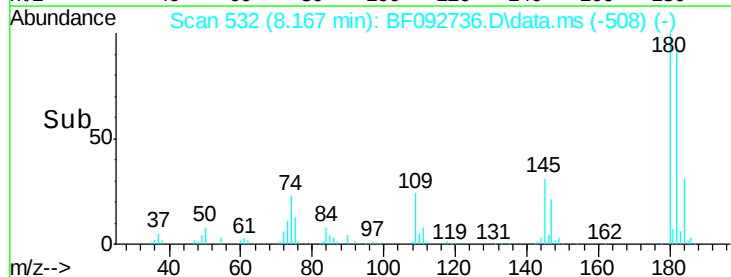
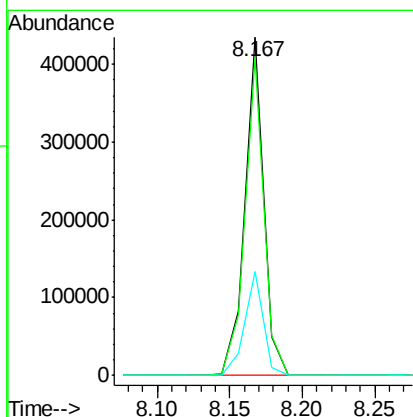
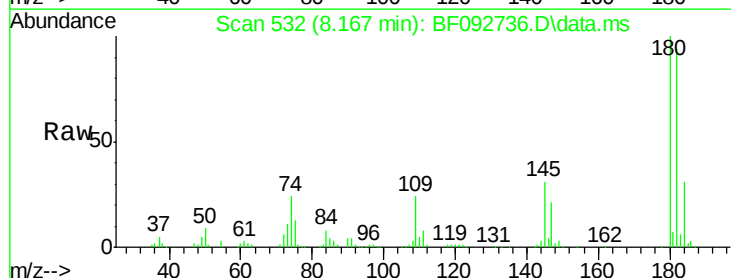
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

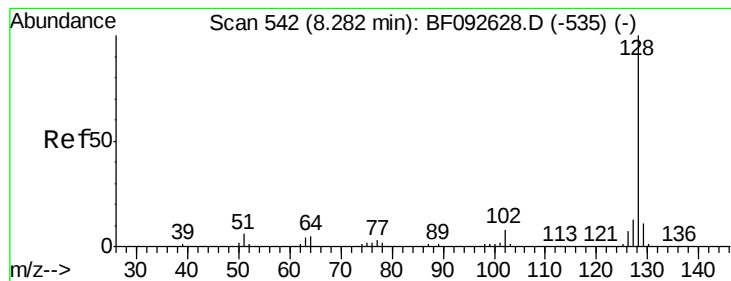
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	46.8	86.8
98	38.6	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.59 ng
 RT: 8.167 min Scan# 532
 Delta R.T. -0.023 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	78.2	117.4
145	30.9	21.6	32.4





#31

Naphthalene

Concen: 37.03 ng

RT: 8.247 min Scan# 53

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

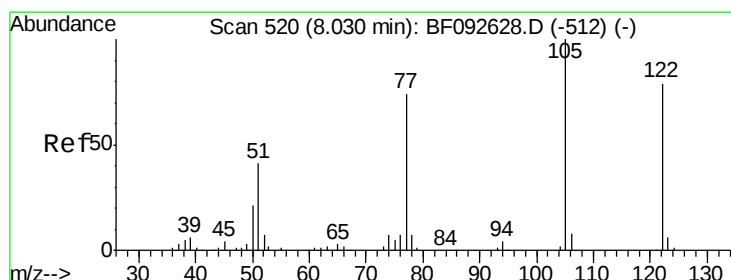
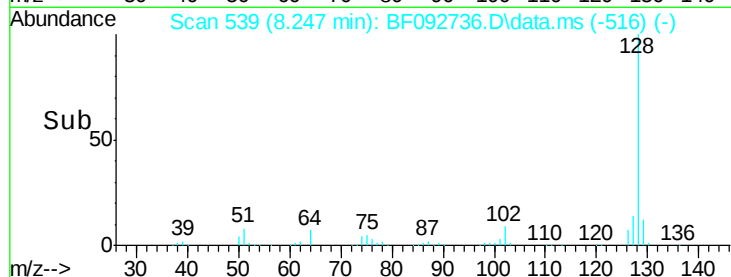
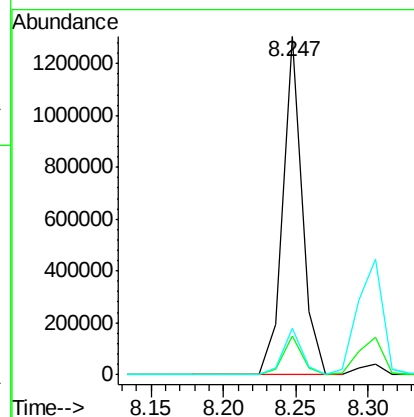
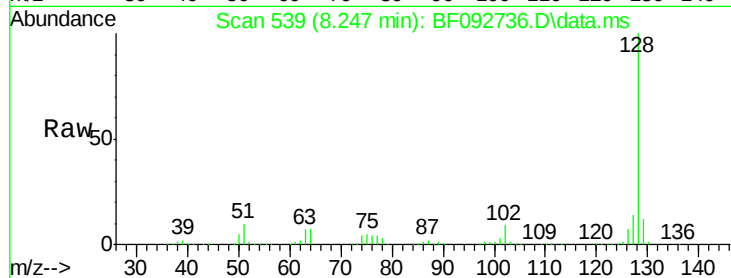
Tot Ion:128 Resp: 1198979

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

127 13.7 10.8 16.2



#32

Benzoic acid

Concen: 41.48 ng

RT: 8.007 min Scan# 518

Delta R.T. -0.023 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

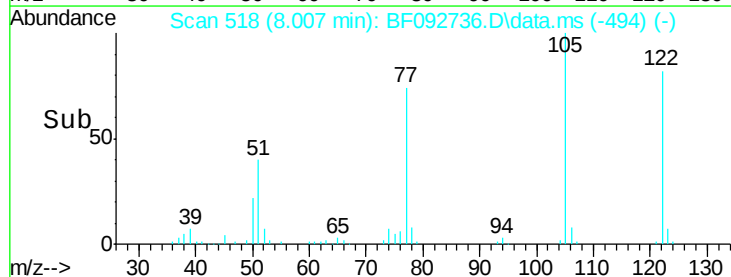
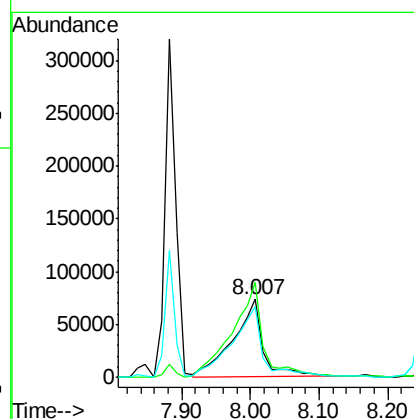
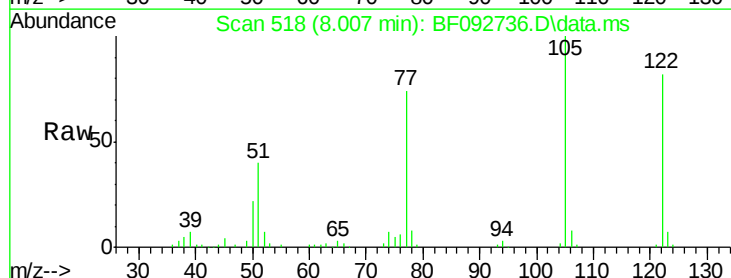
Tgt Ion:122 Resp: 224687

Ion Ratio Lower Upper

122 100

105 122.6 107.2 147.2

77 91.3 74.5 114.5

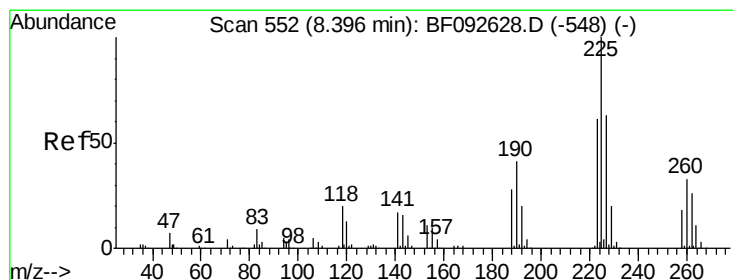
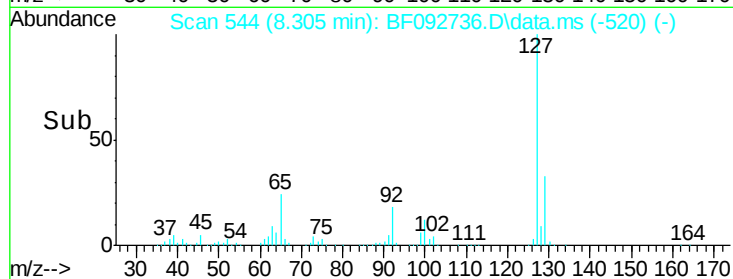
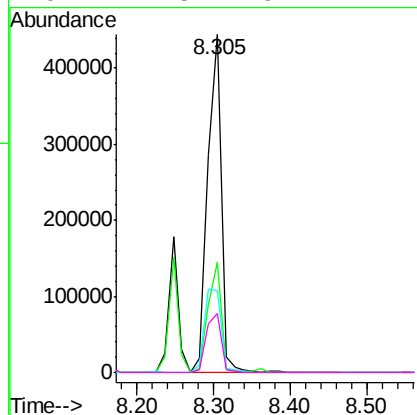
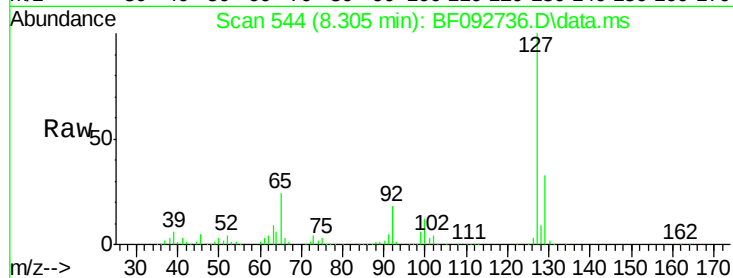




#33
4-Chloroaniline
Concen: 42.57 ng
RT: 8.305 min Scan# 54
Delta R.T. -0.023 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

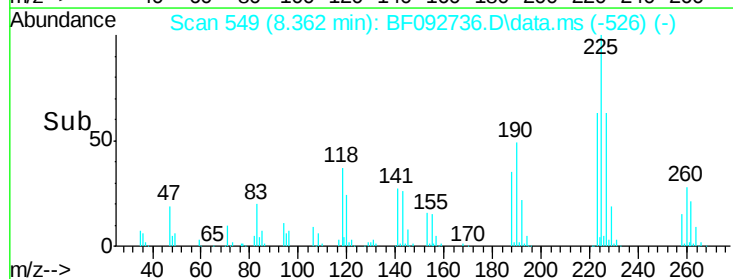
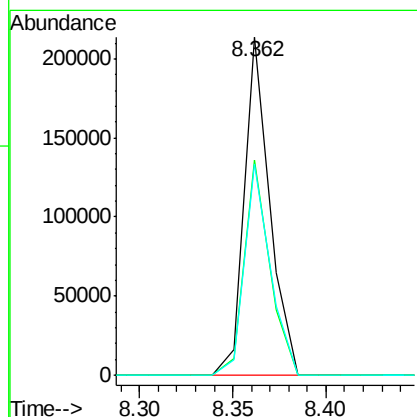
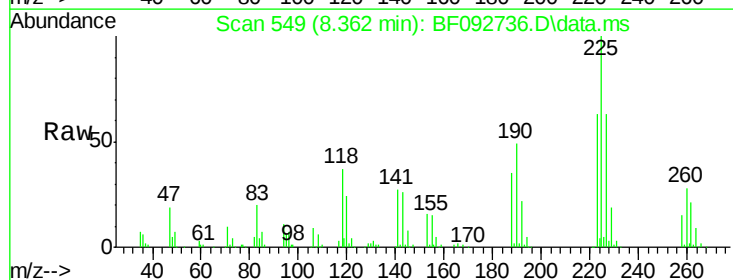
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

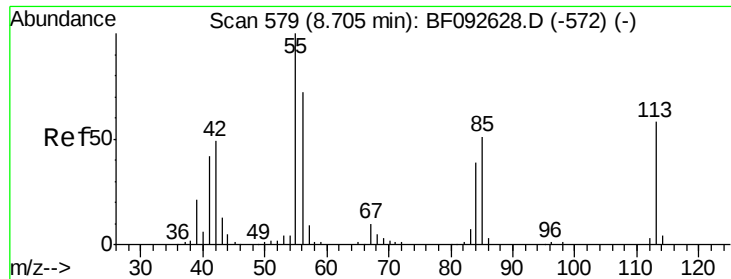
Tot Ion:	127	Resp:	540559
Ion Ratio	Lower	Upper	
127	100		
129	32.6	26.3	39.5
65	24.5	25.8	38.8#
92	17.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 37.29 ng
RT: 8.362 min Scan# 549
Delta R.T. -0.034 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion:	225	Resp:	202755
Ion Ratio	Lower	Upper	
225	100		
223	63.5	51.0	76.6
227	62.6	50.6	76.0

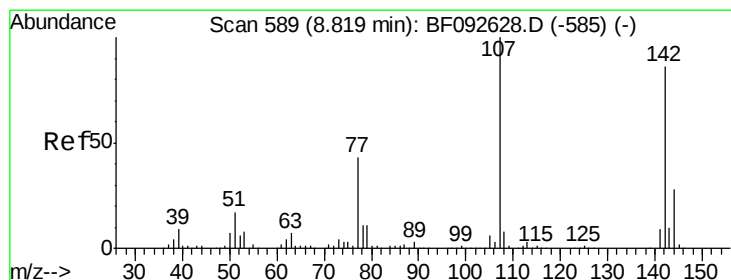
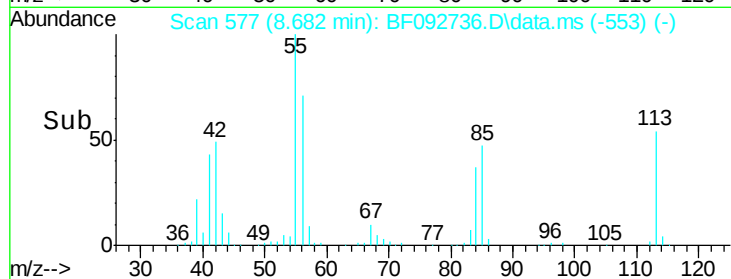
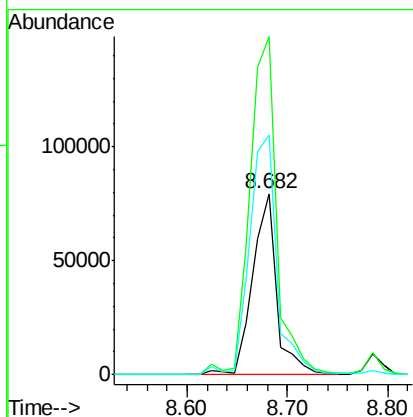
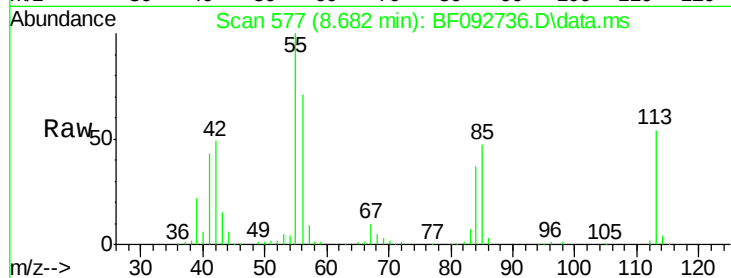




#35
 Caprolactam
 Concen: 45.60 ng
 RT: 8.682 min Scan# 57
 Delta R.T. -0.023 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

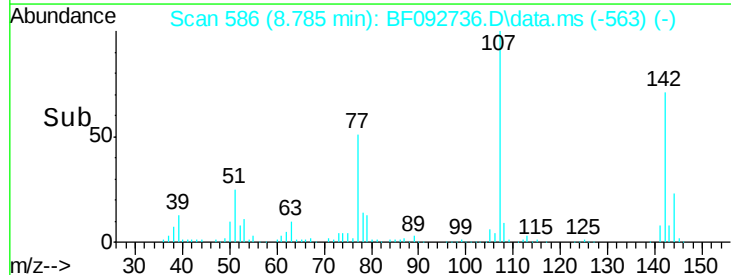
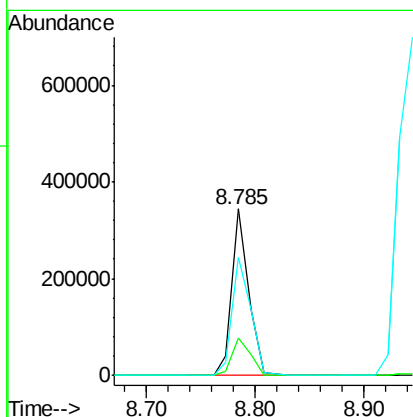
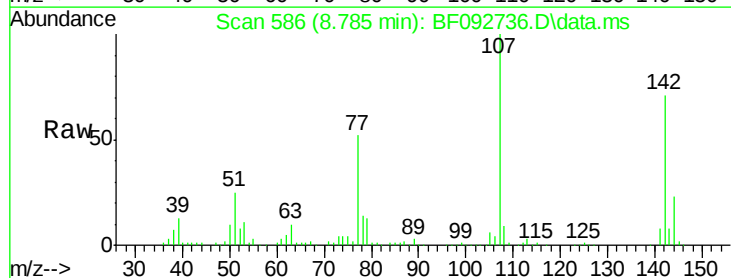
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

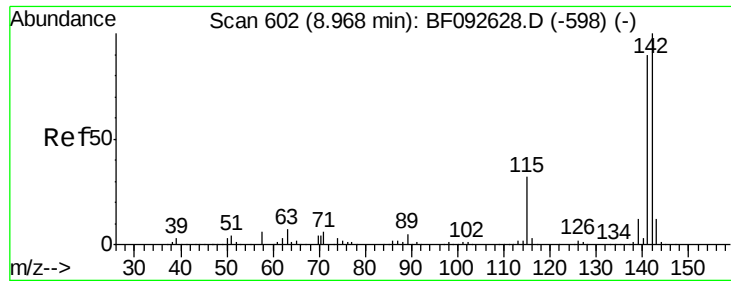
Tot Ion:113 Resp: 131526
 Ion Ratio Lower Upper
 113 100
 55 186.7 119.2 159.2#
 56 132.1 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 38.01 ng
 RT: 8.785 min Scan# 586
 Delta R.T. -0.034 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Tgt Ion:107 Resp: 363364
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.3 28.9
 142 70.9 59.0 88.6

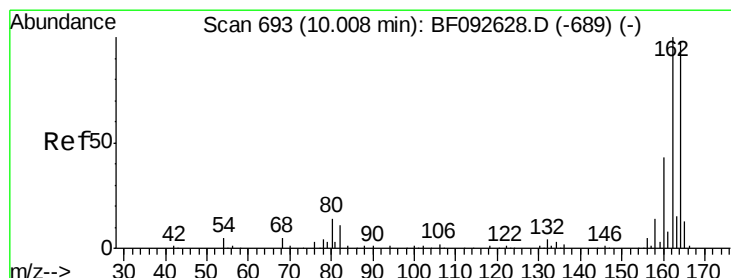
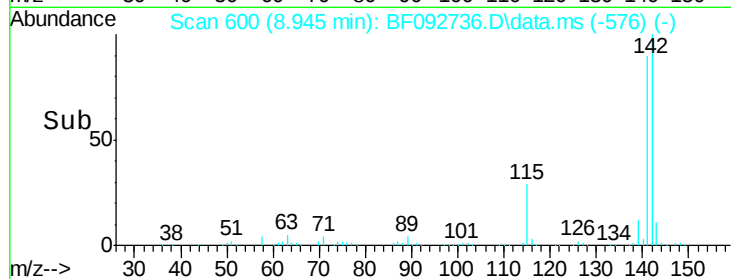
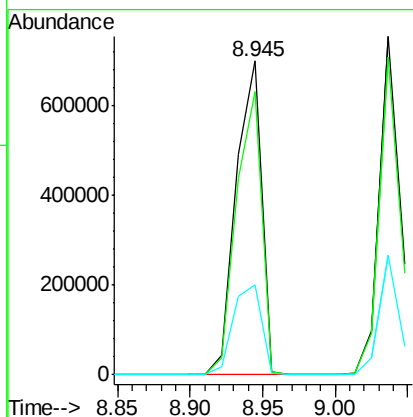
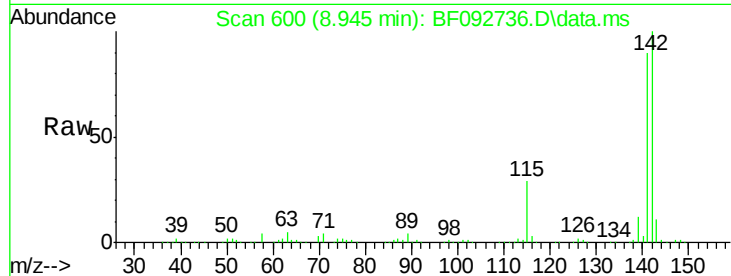




#37
2-Methylnaphthalene
Concen: 41.05 ng
RT: 8.945 min Scan# 60
Delta R.T. -0.023 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

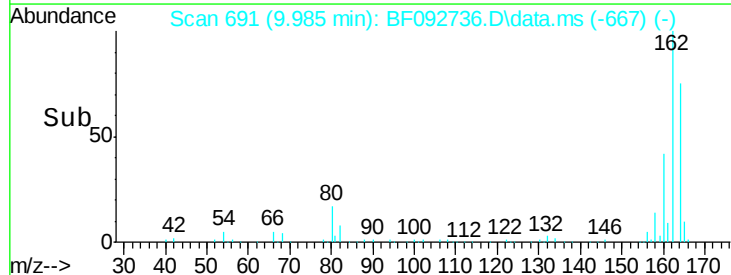
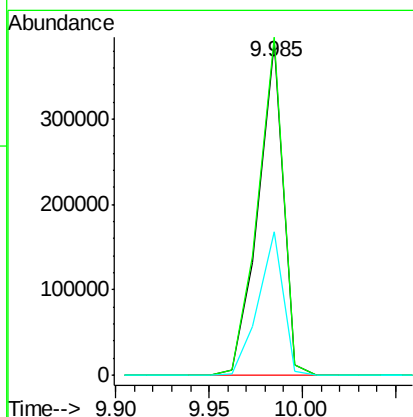
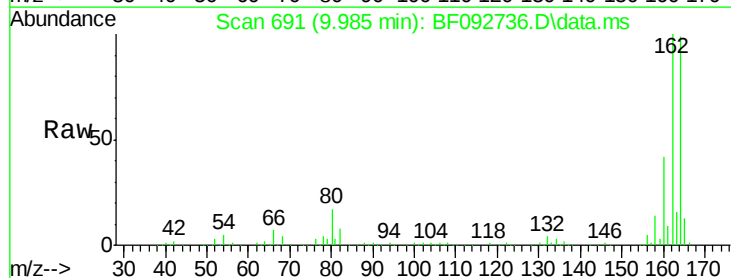
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

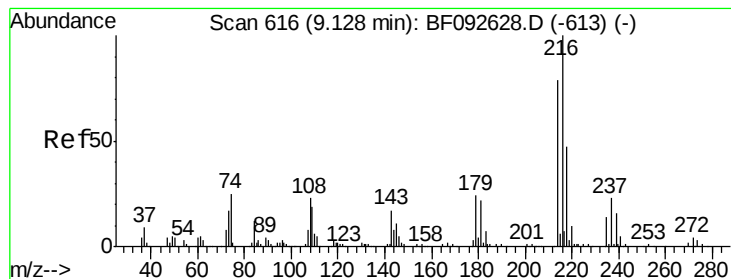
Tot Ion:142 Resp: 853411
Ion Ratio Lower Upper
142 100
141 90.1 71.0 106.6
115 28.7 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.985 min Scan# 691
Delta R.T. -0.023 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion:164 Resp: 370955
Ion Ratio Lower Upper
164 100
162 101.3 80.2 120.2
160 43.0 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.11 ng

RT: 9.105 min Scan# 61

Delta R.T. -0.023 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 386470

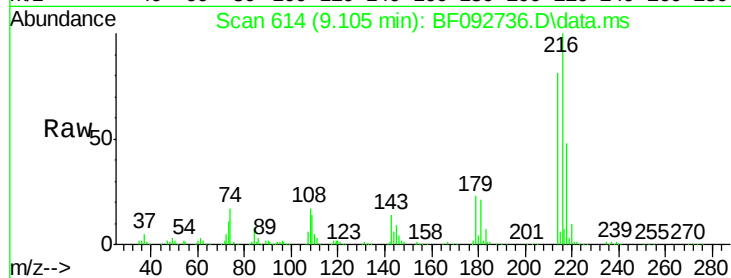
Ion Ratio Lower Upper

216 100

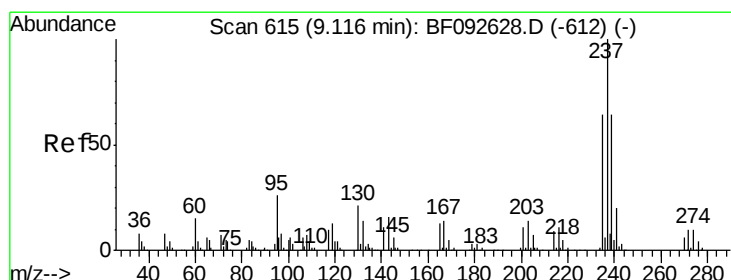
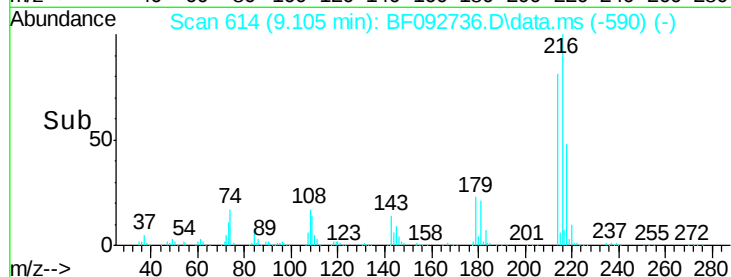
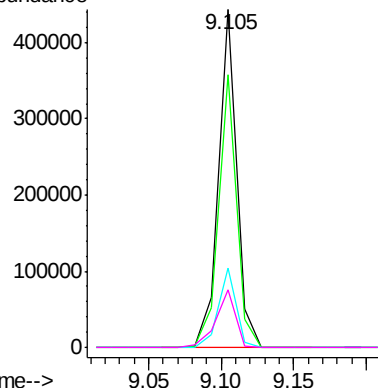
214 79.8 63.4 95.0

179 22.7 17.4 26.2

108 18.7 15.6 23.4



Abundance



#40

Hexachlorocyclopentadiene

Concen: 38.35 ng

RT: 9.093 min Scan# 613

Delta R.T. -0.023 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

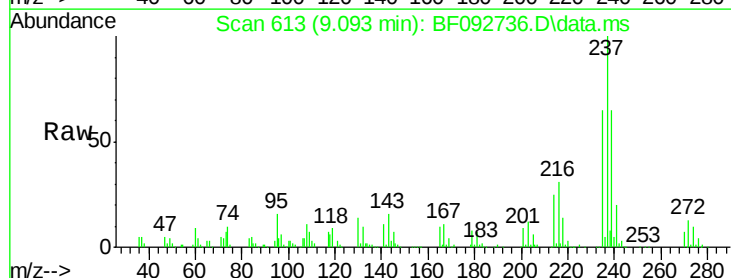
Tgt Ion:237 Resp: 180166

Ion Ratio Lower Upper

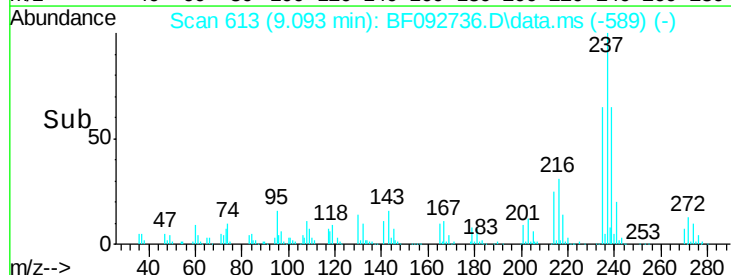
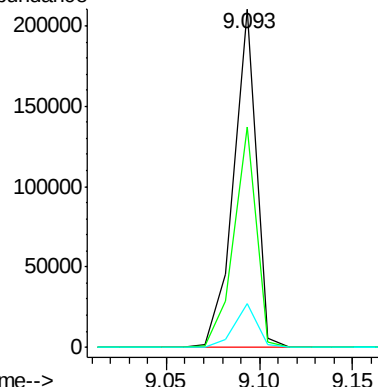
237 100

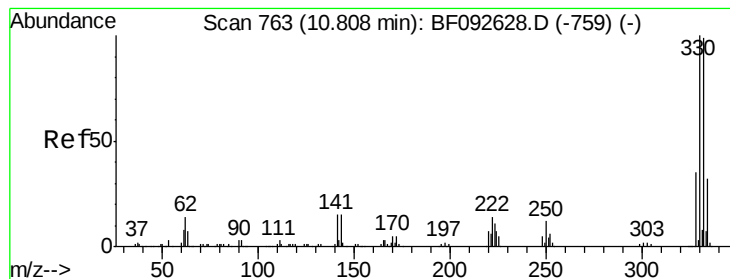
235 65.1 41.2 81.2

272 12.8 0.0 35.4



Abundance





#41

2,4,6-Tribromophenol

Concen: 81.45 ng

RT: 10.773 min Scan# 76

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

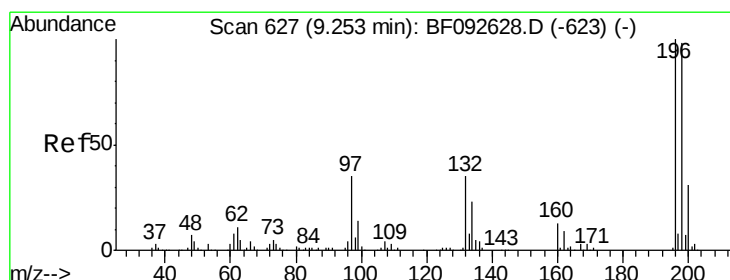
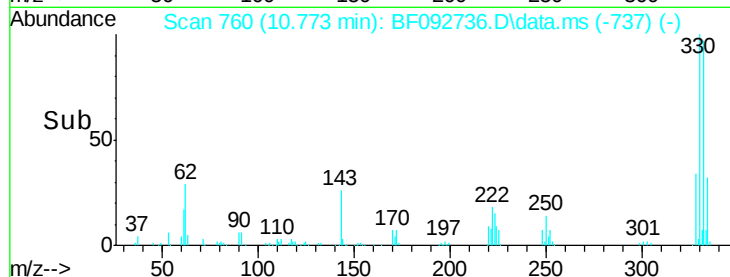
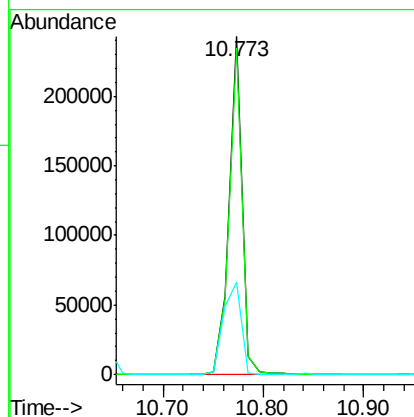
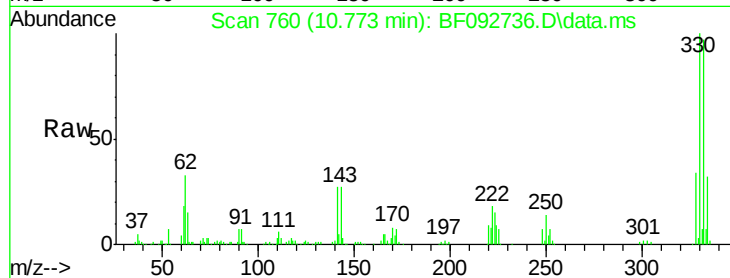
Tot Ion:330 Resp: 218524

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

141 37.5 34.1 51.1



#42

2,4,6-Trichlorophenol

Concen: 38.04 ng

RT: 9.219 min Scan# 624

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

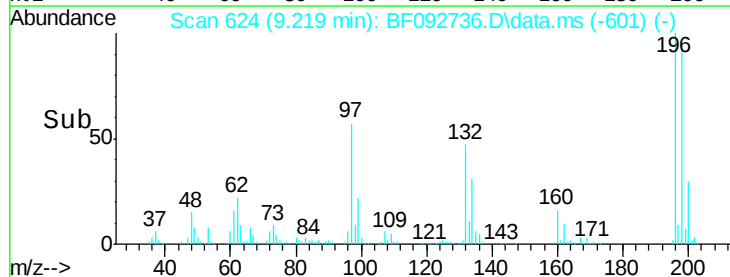
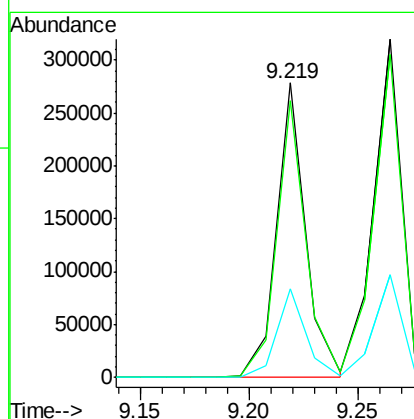
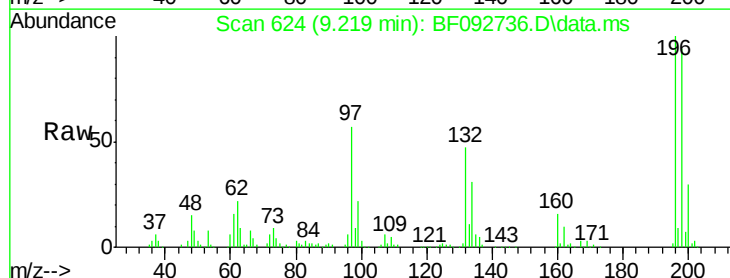
Tgt Ion:196 Resp: 260285

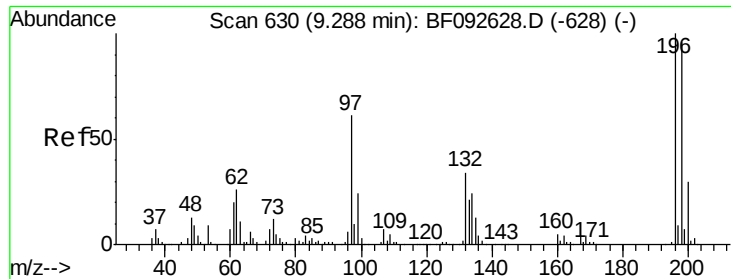
Ion Ratio Lower Upper

196 100

198 93.8 82.1 123.1

200 29.9 27.0 40.4

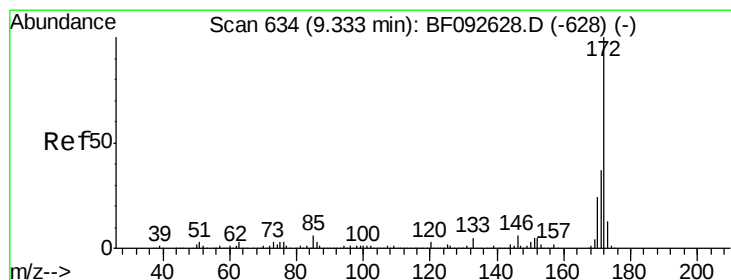
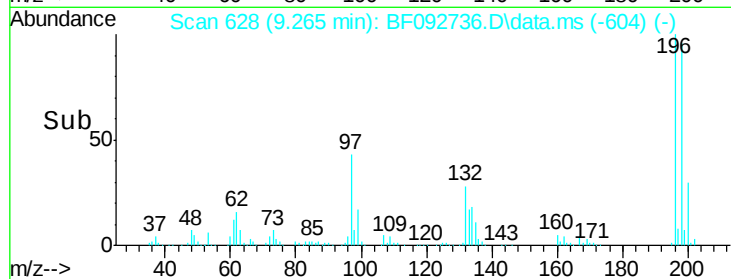
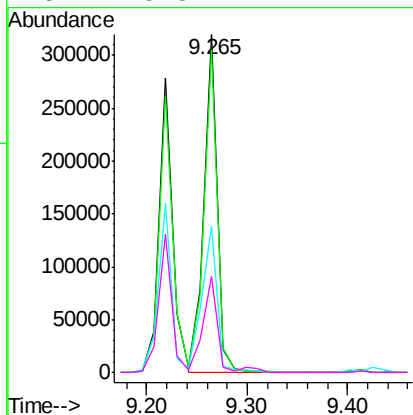
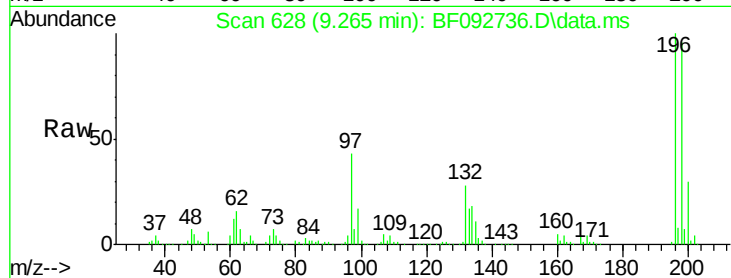




#43
 2,4,5-Trichlorophenol
 Concen: 39.15 ng
 RT: 9.265 min Scan# 62
 Delta R.T. -0.023 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

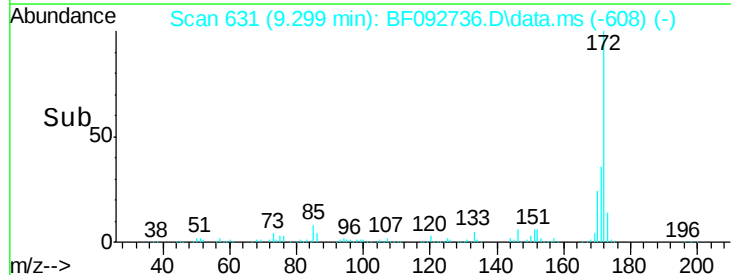
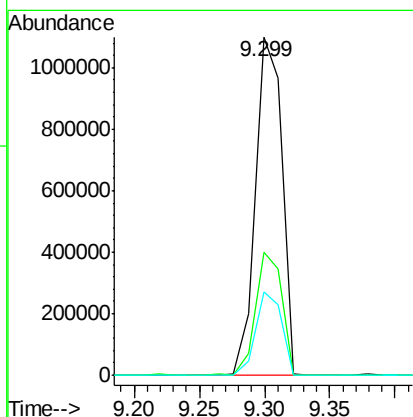
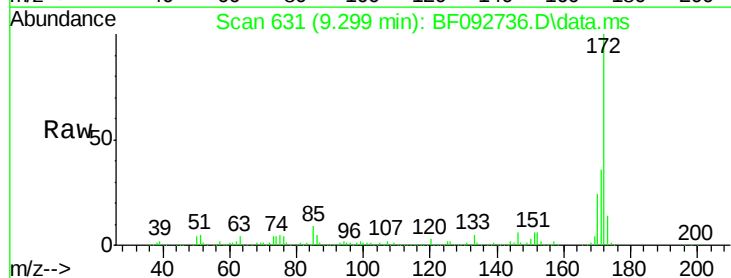
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	79.4	119.2
97	43.3	51.5	77.3#
132	28.3	27.4	41.2



#44
 2-Fluorobiphenyl
 Concen: 76.30 ng
 RT: 9.299 min Scan# 631
 Delta R.T. -0.034 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.5	20.2	30.4





#45

1,1'-Biphenyl

Concen: 35.37 ng

RT: 9.402 min Scan# 641

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

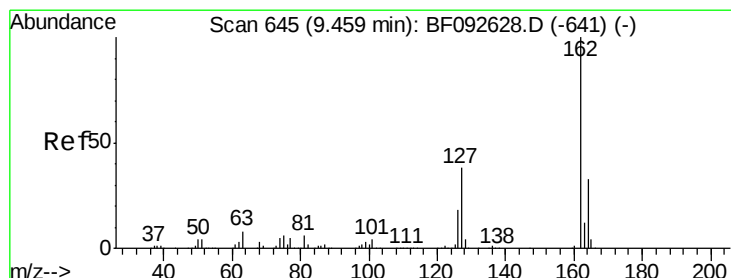
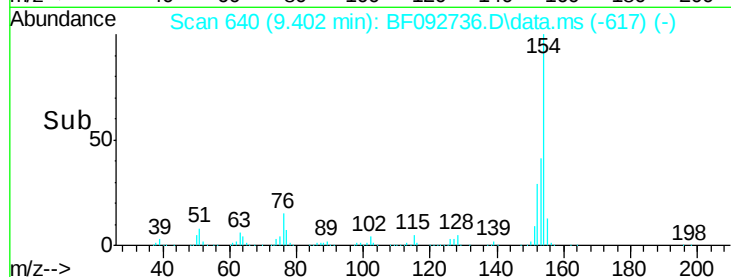
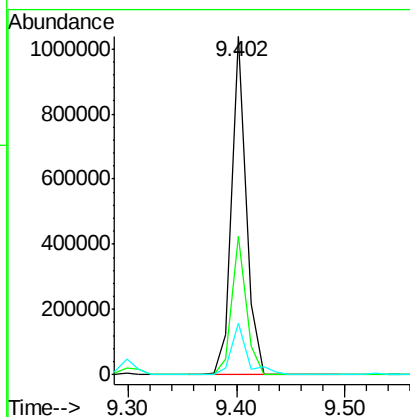
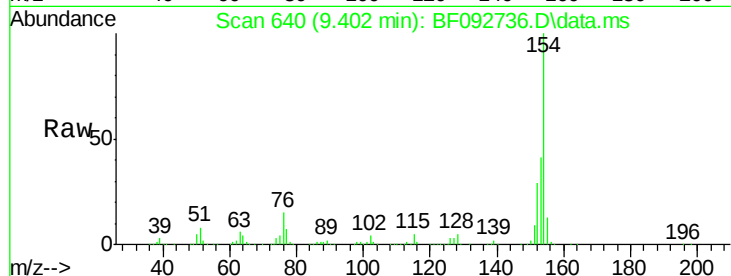
Tot Ion:154 Resp: 949993

Ion Ratio Lower Upper

154 100

153 41.0 20.9 60.9

76 15.1 0.0 30.5



#46

2-Chloronaphthalene

Concen: 37.86 ng

RT: 9.425 min Scan# 642

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

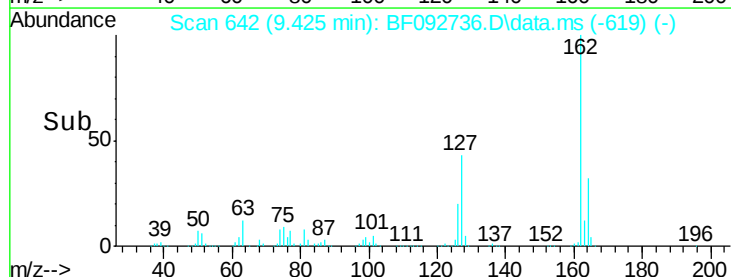
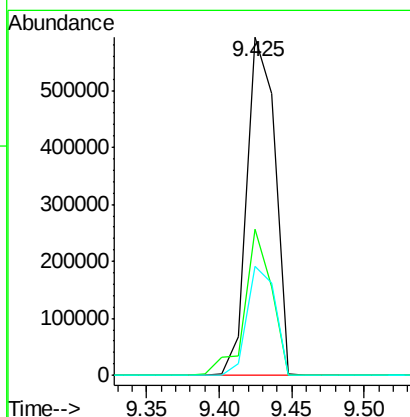
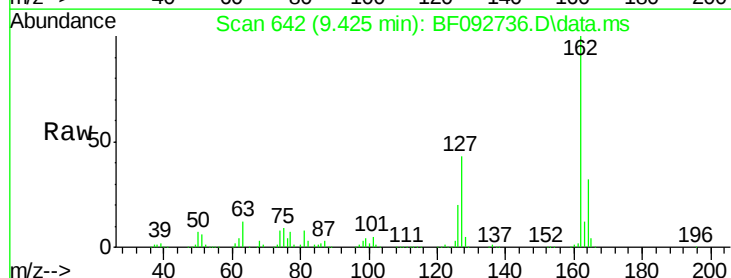
Tgt Ion:162 Resp: 795456

Ion Ratio Lower Upper

162 100

127 43.1 30.7 46.1

164 32.1 27.6 41.4

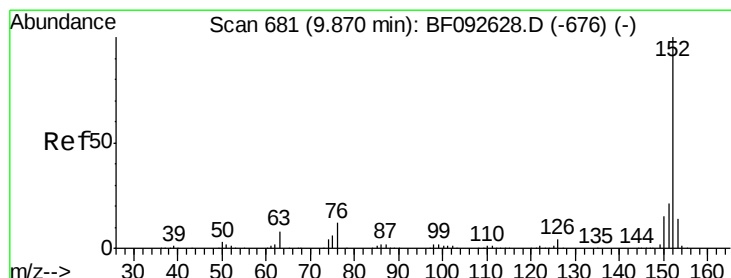
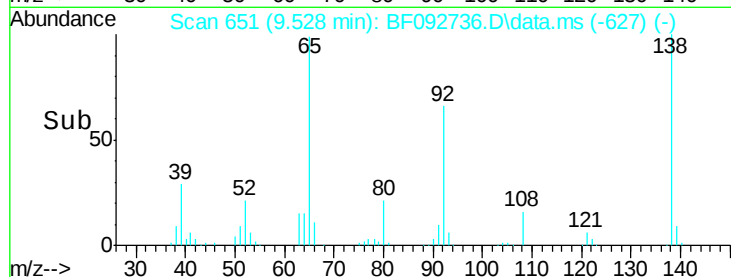
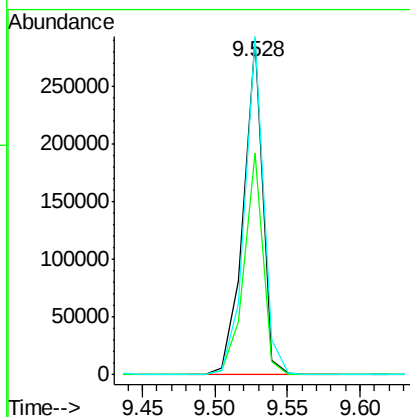
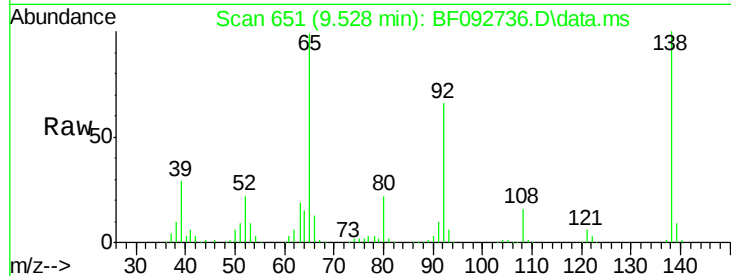




#47
2-Nitroaniline
Concen: 38.04 ng
RT: 9.528 min Scan# 651
Delta R.T. -0.023 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

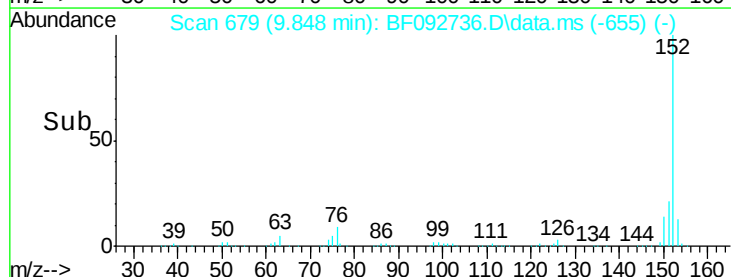
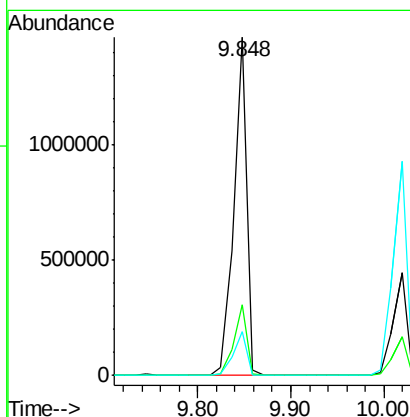
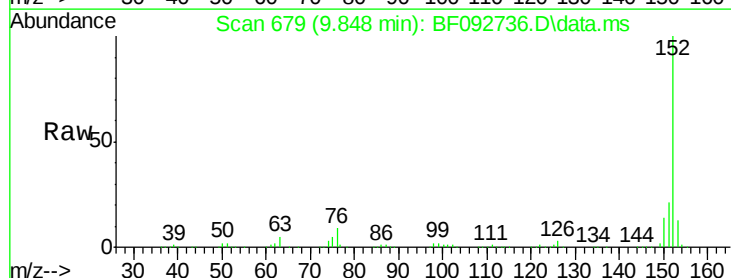
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 65 Resp: 268758
Ion Ratio Lower Upper
65 100
92 66.2 53.9 80.9
138 100.9 76.8 115.2



#48
Acenaphthylene
Concen: 39.11 ng
RT: 9.848 min Scan# 679
Delta R.T. -0.023 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion: 152 Resp: 1419522
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 13.1 11.4 17.2





#49

Dimethylphthalate

Concen: 39.86 ng

RT: 9.710 min Scan# 66

Delta R.T. -0.023 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

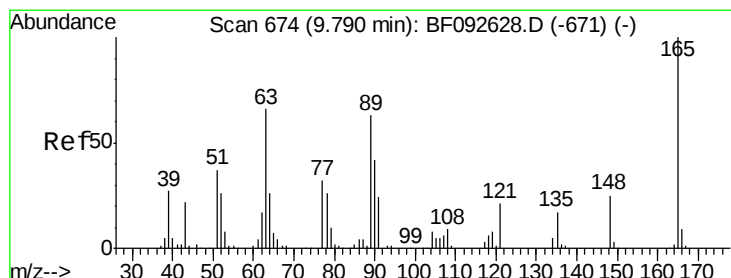
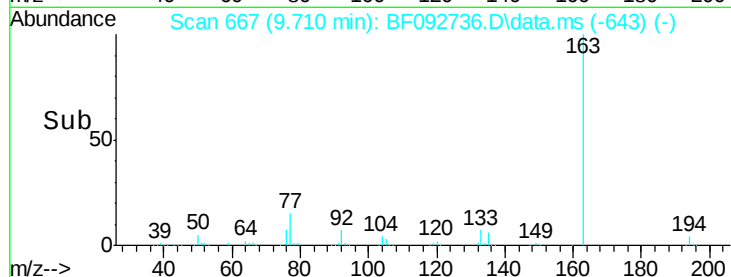
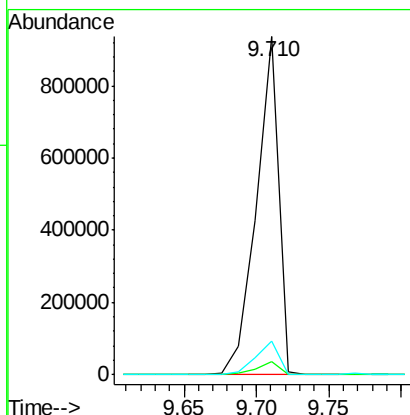
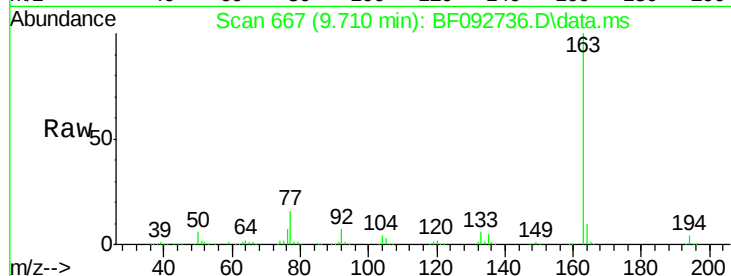
Tot Ion:163 Resp: 996017

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

164 9.9 8.0 12.0



#50

2,6-Dinitrotoluene

Concen: 37.45 ng

RT: 9.768 min Scan# 672

Delta R.T. -0.023 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

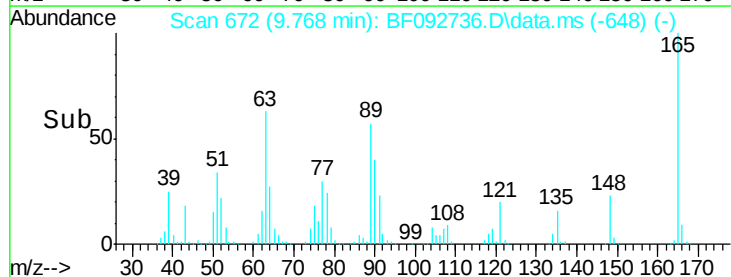
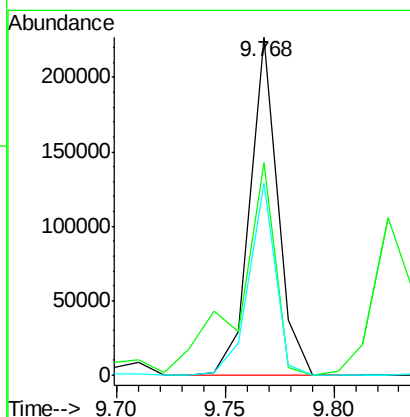
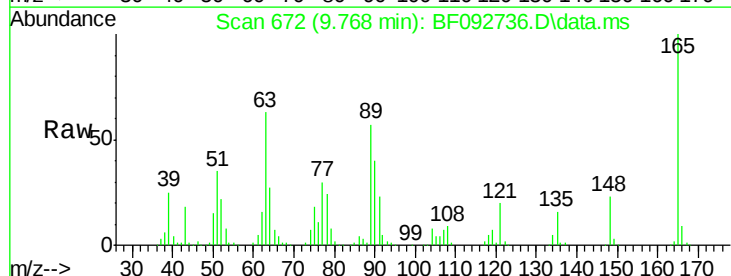
Tgt Ion:165 Resp: 202091

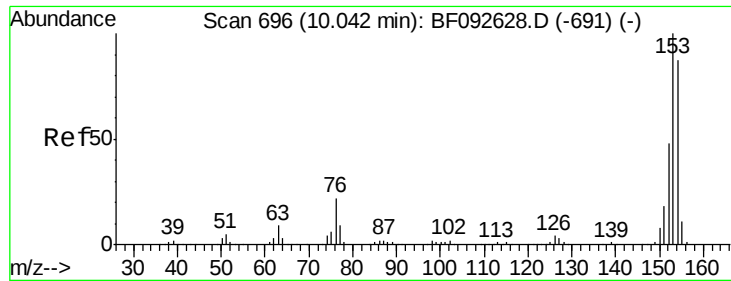
Ion Ratio Lower Upper

165 100

63 62.8 36.2 54.4#

89 56.7 40.2 60.4





#51

Acenaphthene

Concen: 39.89 ng

RT: 10.019 min Scan# 69

Delta R.T. -0.023 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

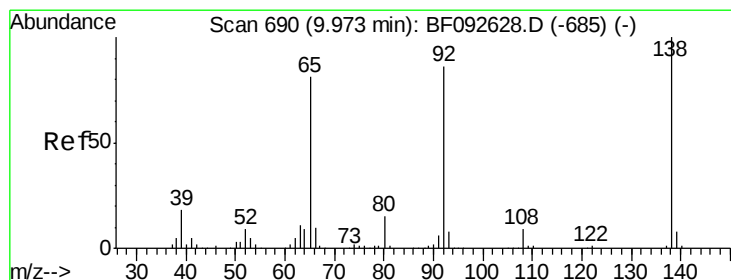
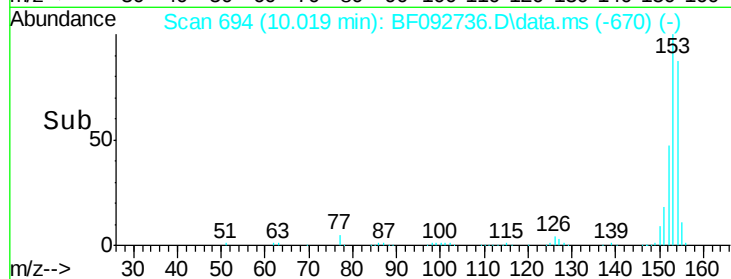
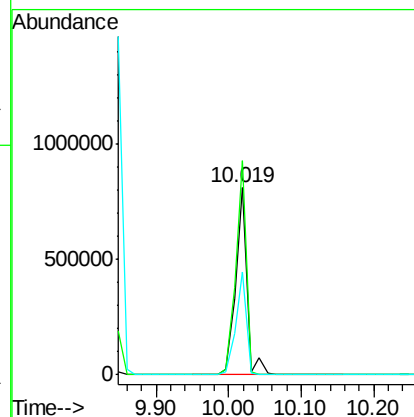
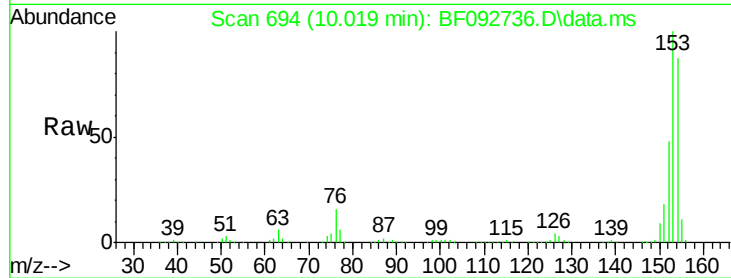
Tot Ion:154 Resp: 865661

Ion Ratio Lower Upper

154 100

153 114.9 88.6 133.0

152 54.7 41.6 62.4



#52

3-Nitroaniline

Concen: 35.54 ng

RT: 9.939 min Scan# 687

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

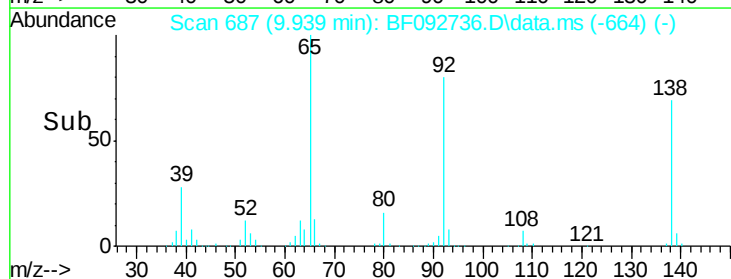
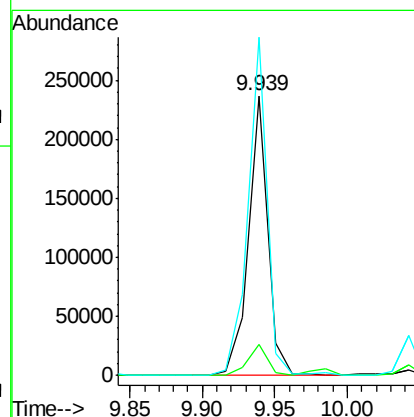
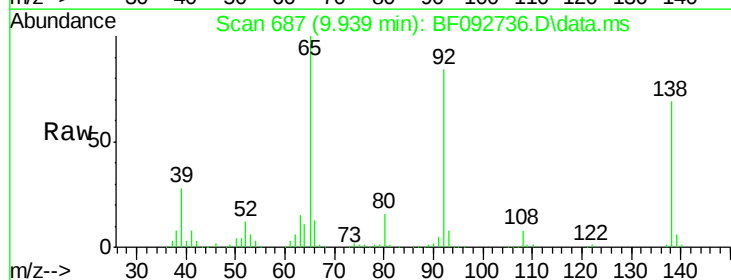
Tgt Ion:138 Resp: 219472

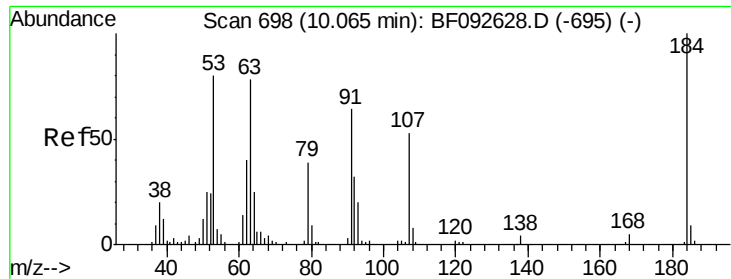
Ion Ratio Lower Upper

138 100

108 11.1 8.5 12.7

92 121.1 97.8 146.8

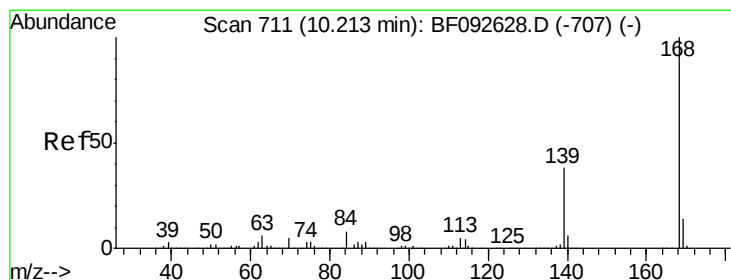
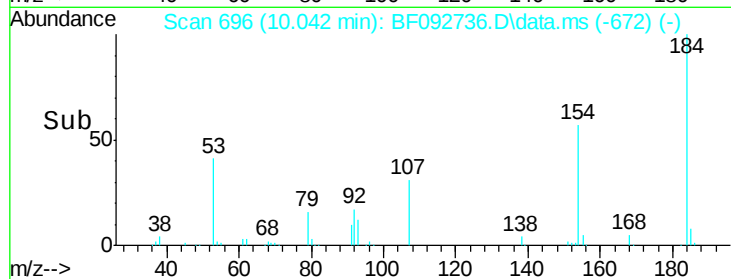
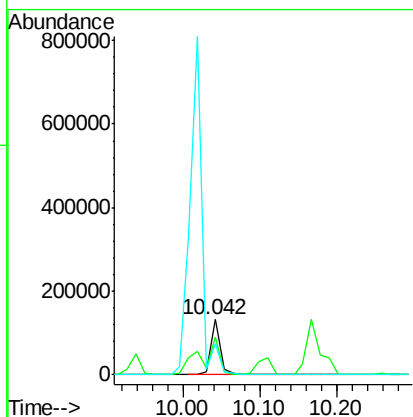
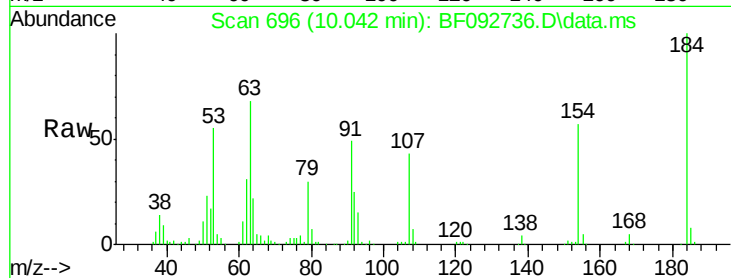




#53
2,4-Dinitrophenol
Concen: 42.87 ng
RT: 10.042 min Scan# 69
Delta R.T. -0.022 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

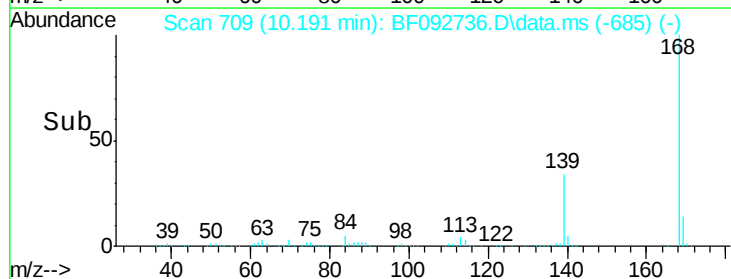
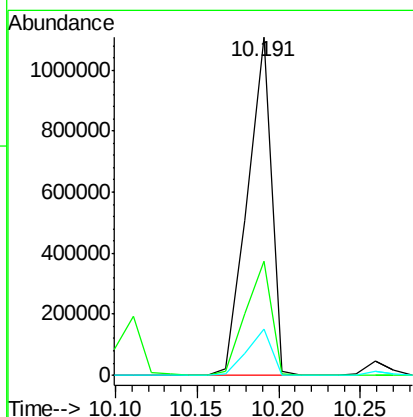
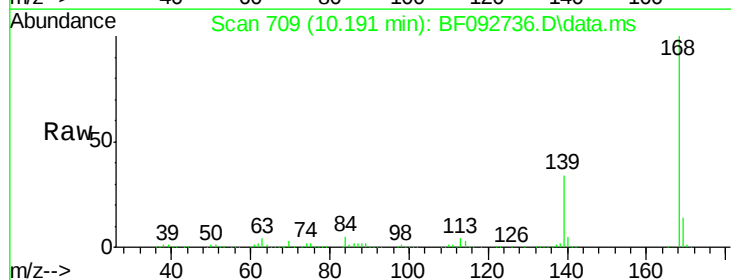
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

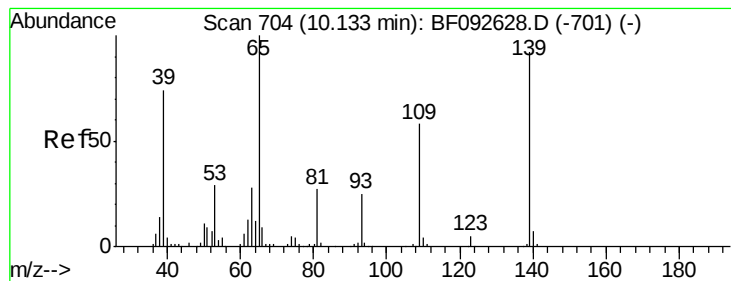
Tot Ion:184 Resp: 111263
Ion Ratio Lower Upper
184 100
63 68.0 28.4 42.6#
154 57.1 44.3 66.5



#54
Dibenzofuran
Concen: 39.07 ng
RT: 10.191 min Scan# 709
Delta R.T. -0.023 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion:168 Resp: 1134107
Ion Ratio Lower Upper
168 100
139 33.9 32.6 49.0
169 13.6 11.3 16.9





#55

4-Nitrophenol

Concen: 45.41 ng

RT: 10.111 min Scan# 70

Delta R.T. -0.023 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

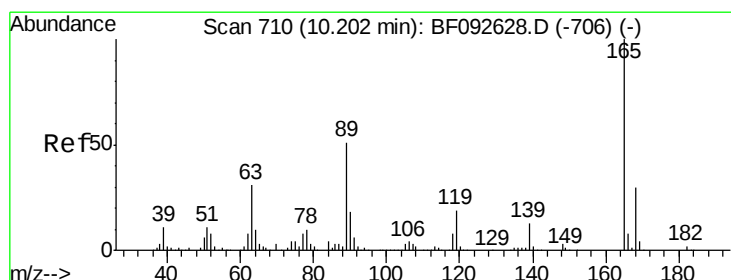
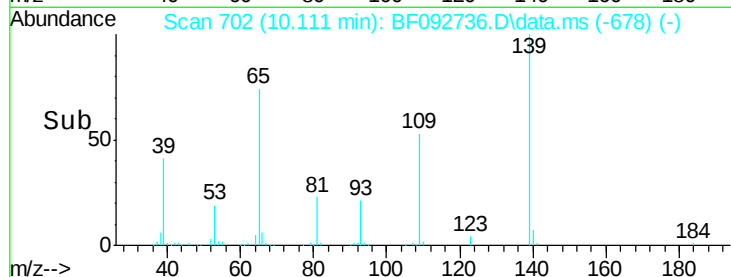
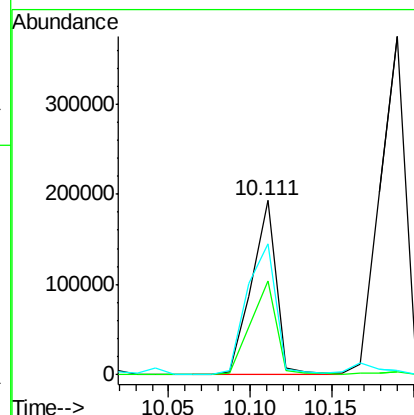
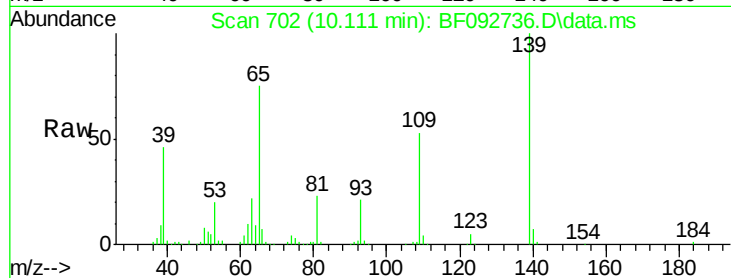
Tot Ion:139 Resp: 201973

Ion Ratio Lower Upper

139 100

109 53.4 52.2 92.2

65 74.8 85.8 125.8#



#56

2,4-Dinitrotoluene

Concen: 35.49 ng

RT: 10.168 min Scan# 707

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Tgt Ion:165 Resp: 254982

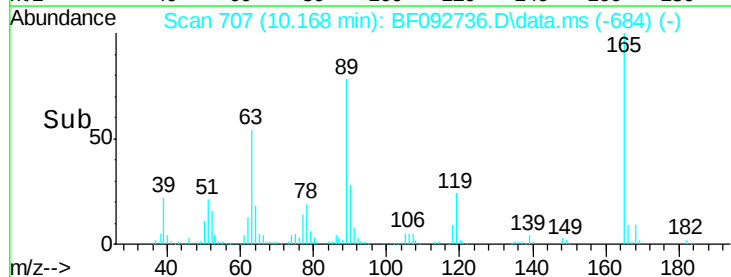
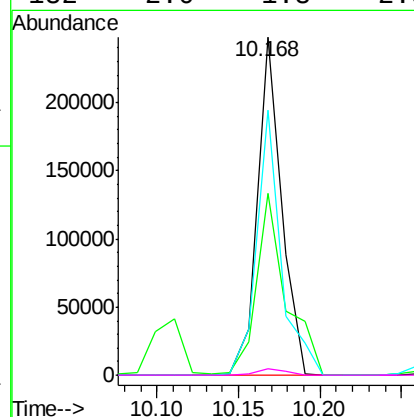
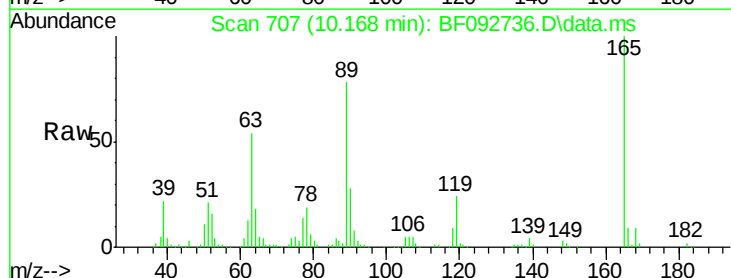
Ion Ratio Lower Upper

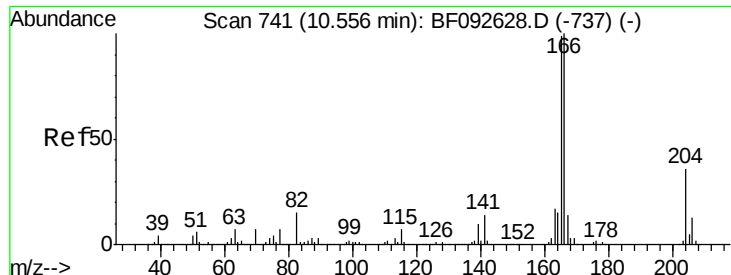
165 100

63 53.8 40.2 60.4

89 78.3 62.5 93.7

182 2.0 1.8 2.8





#57

Fluorene

Concen: 41.11 ng

RT: 10.533 min Scan# 73

Delta R.T. -0.023 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

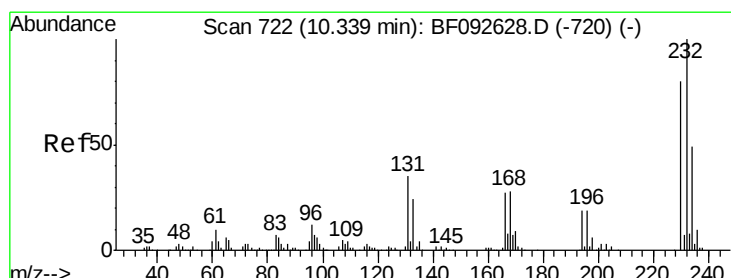
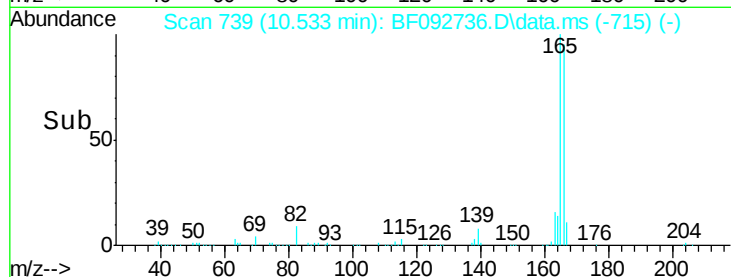
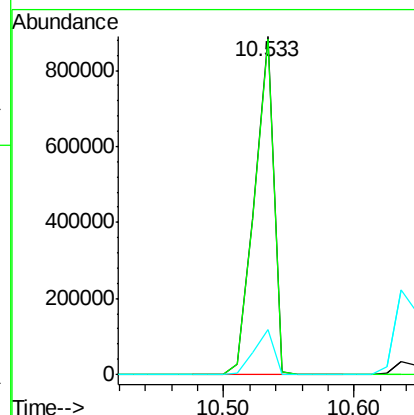
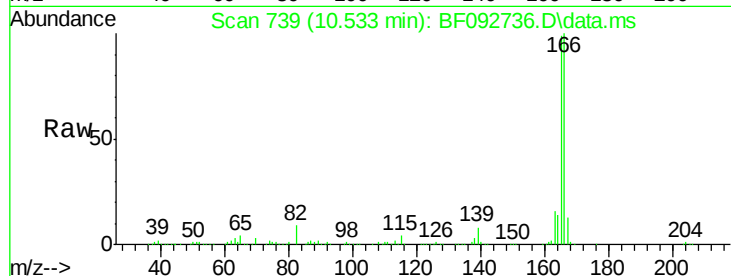
Tot Ion:166 Resp: 918091

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.8

167 13.1 10.8 16.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.70 ng

RT: 10.305 min Scan# 719

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Tgt Ion:232 Resp: 203535

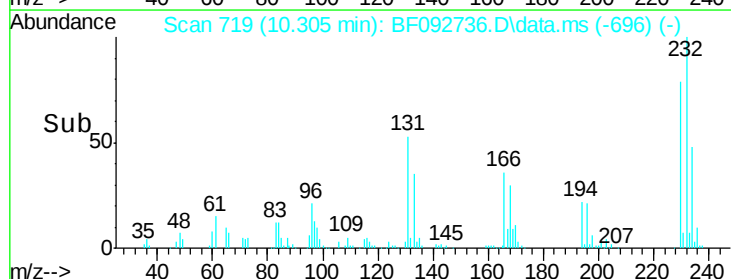
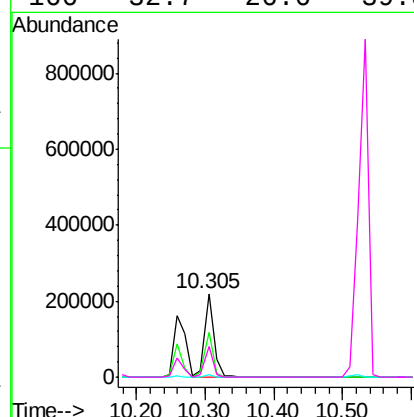
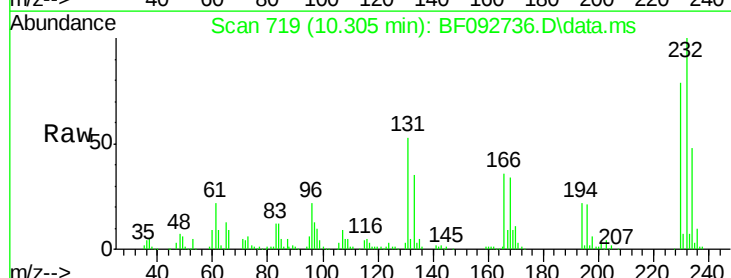
Ion Ratio Lower Upper

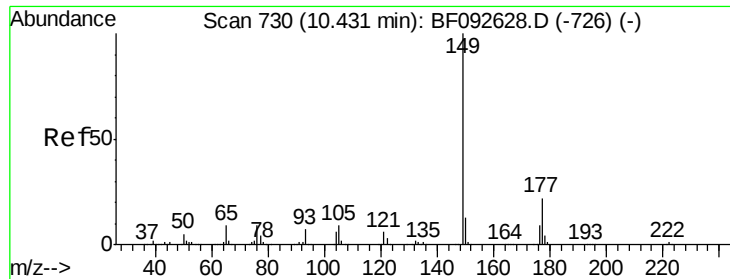
232 100

131 48.3 40.1 60.1

130 2.5 1.8 2.8

166 32.7 26.6 39.8





#59

Diethylphthalate

Concen: 39.00 ng

RT: 10.396 min Scan# 72

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

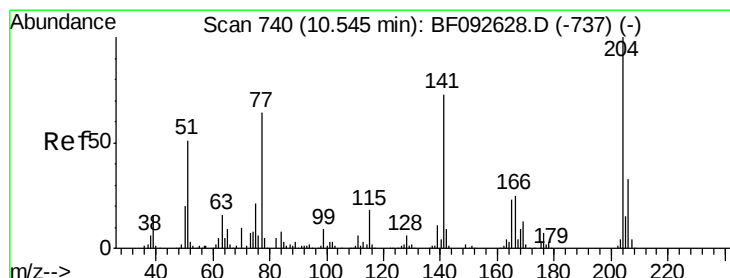
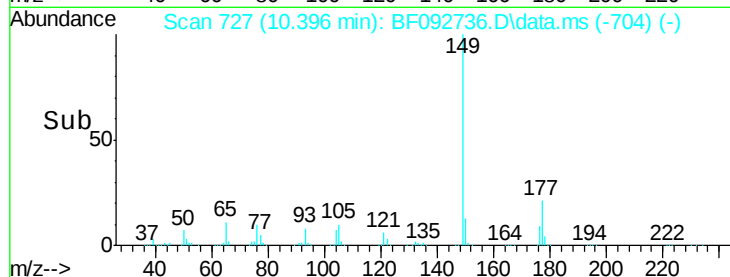
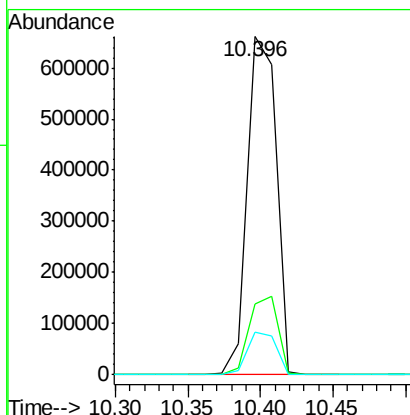
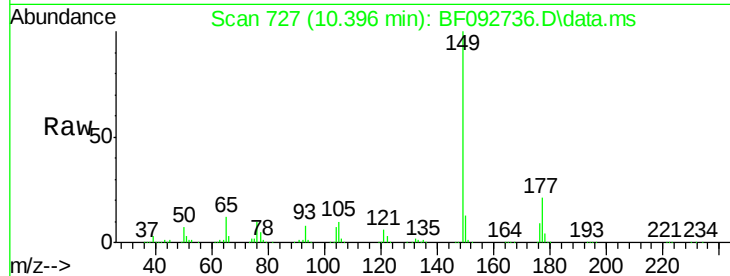
Tot Ion:149 Resp: 918278

Ion Ratio Lower Upper

149 100

177 20.9 16.6 25.0

150 12.7 10.4 15.6



#60

4-Chlorophenyl-phenylether

Concen: 39.72 ng

RT: 10.522 min Scan# 738

Delta R.T. -0.023 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

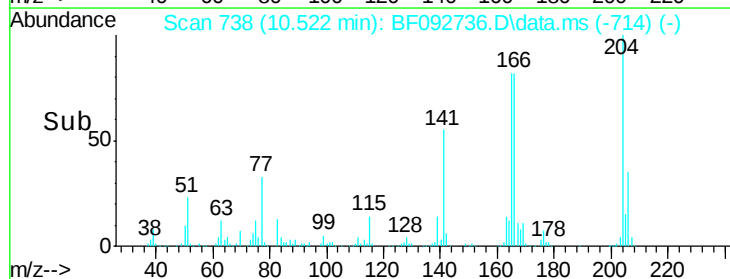
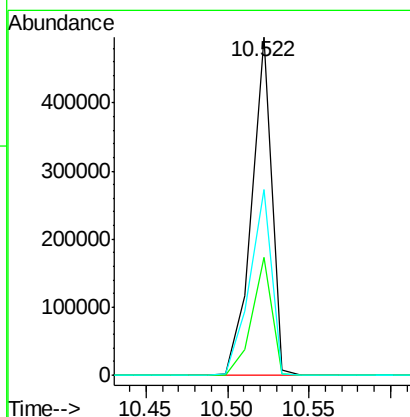
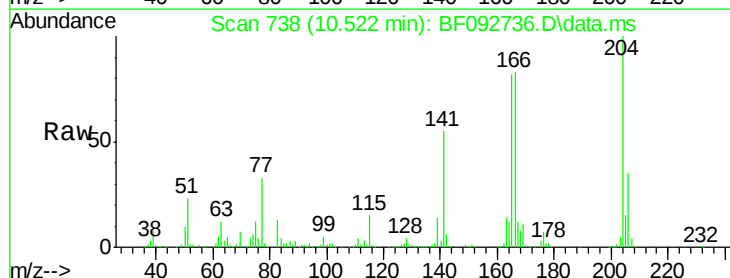
Tgt Ion:204 Resp: 426176

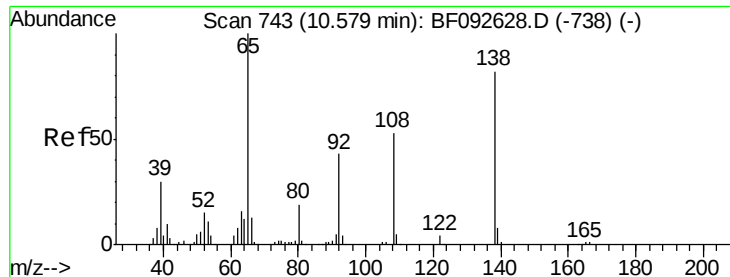
Ion Ratio Lower Upper

204 100

206 34.9 25.8 38.6

141 55.0 59.4 89.0#

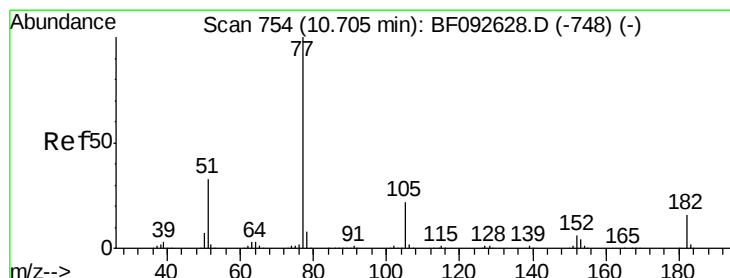
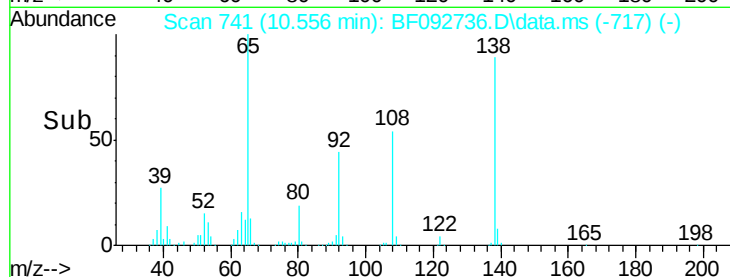
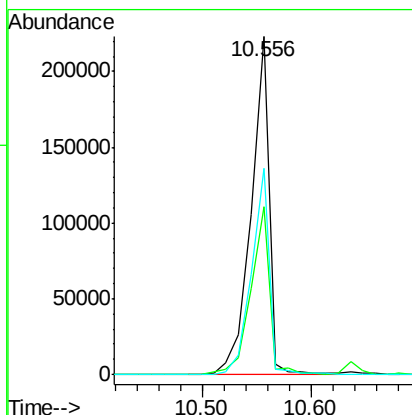
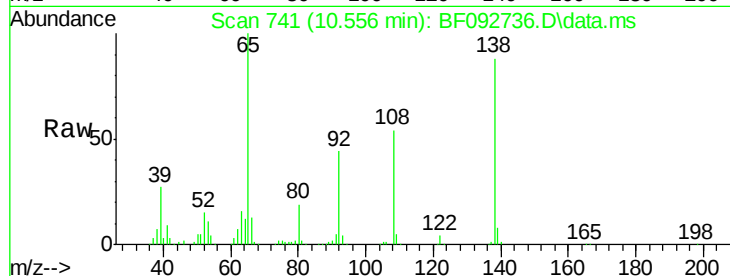




#61
4-Nitroaniline
Concen: 40.84 ng
RT: 10.556 min Scan# 741
Delta R.T. -0.023 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

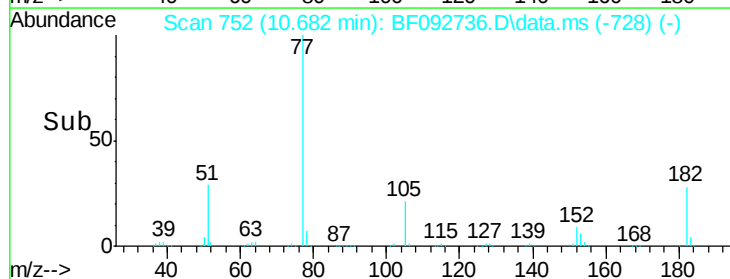
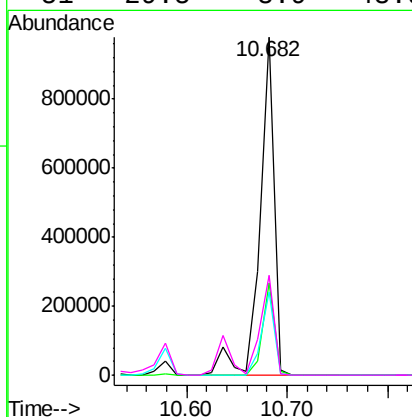
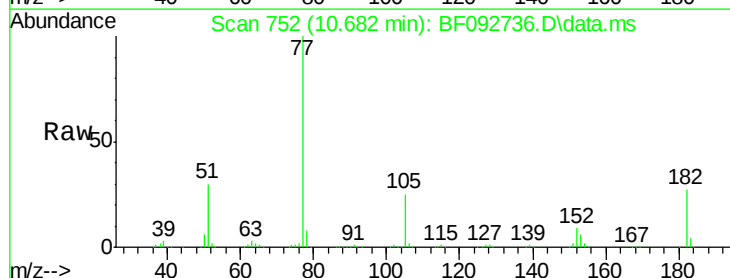
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

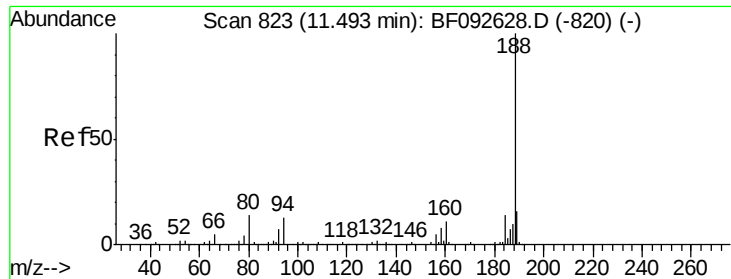
Tot Ion:138 Resp: 258341
Ion Ratio Lower Upper
138 100
92 49.6 31.7 71.7
108 60.9 52.6 92.6



#62
Azobenzene
Concen: 40.01 ng
RT: 10.682 min Scan# 752
Delta R.T. -0.023 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion: 77 Resp: 973249
Ion Ratio Lower Upper
77 100
182 27.3 0.0 39.3
105 24.8 2.3 42.3
51 29.5 8.9 48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.471 min Scan# 82

Delta R.T. -0.023 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

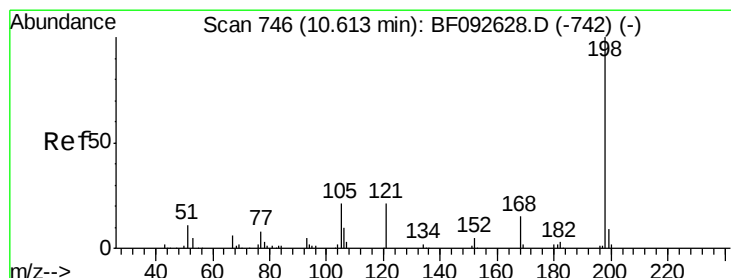
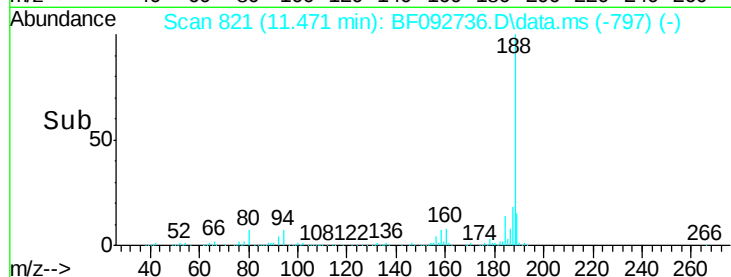
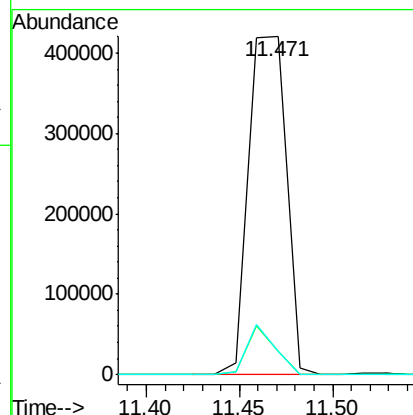
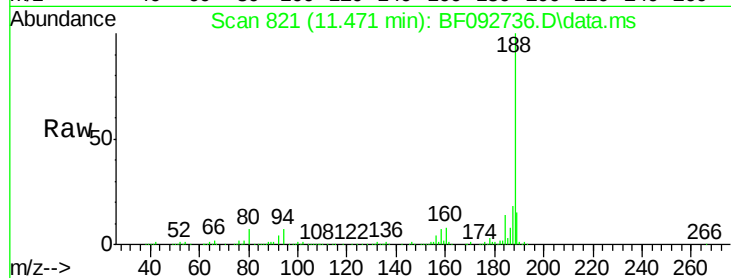
Tot Ion:188 Resp: 592312

Ion Ratio Lower Upper

188 100

94 6.8 10.0 15.0#

80 6.8 11.2 16.8#



#64

4,6-Dinitro-2-methylphenol

Concen: 42.95 ng

RT: 10.579 min Scan# 743

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

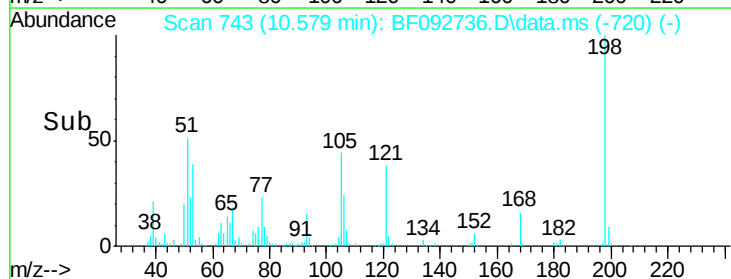
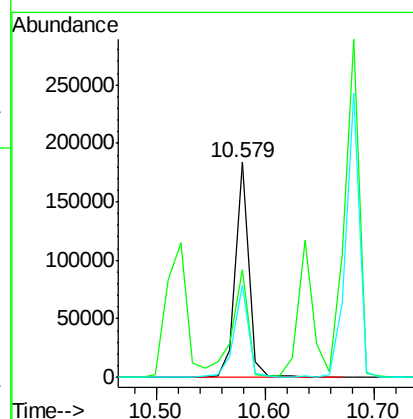
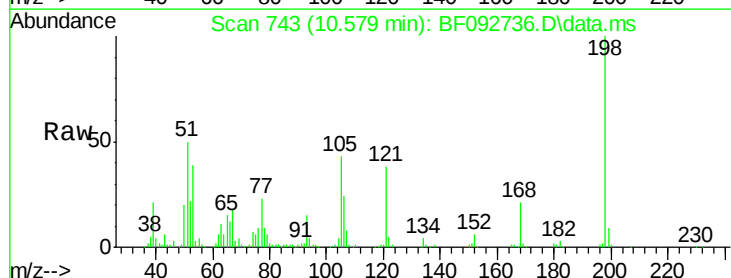
Tgt Ion:198 Resp: 153785

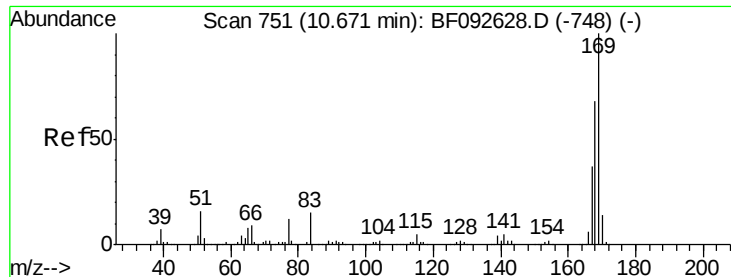
Ion Ratio Lower Upper

198 100

51 50.4 6.7 46.7#

105 43.3 16.6 56.6

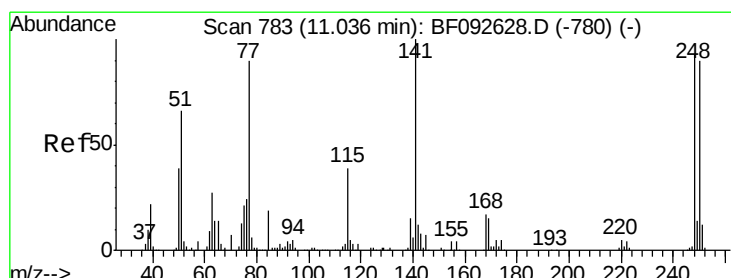
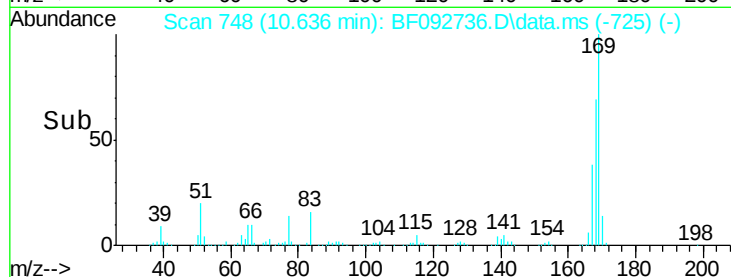
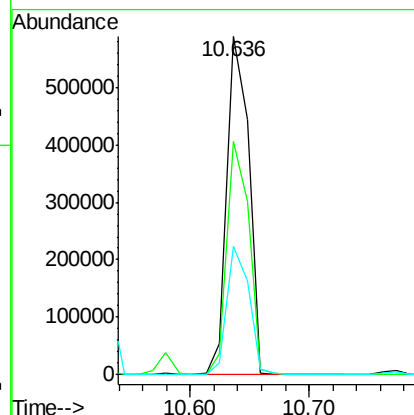
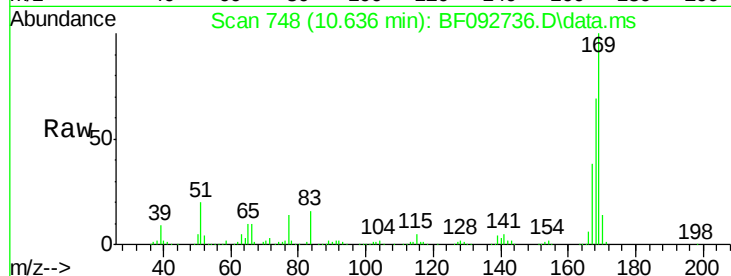




#65
n-Nitrosodiphenylamine
Concen: 39.69 ng
RT: 10.636 min Scan# 74
Delta R.T. -0.034 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

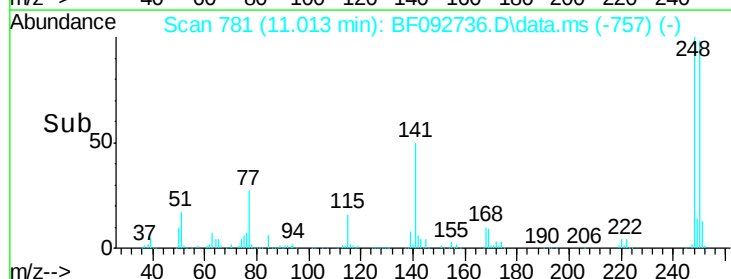
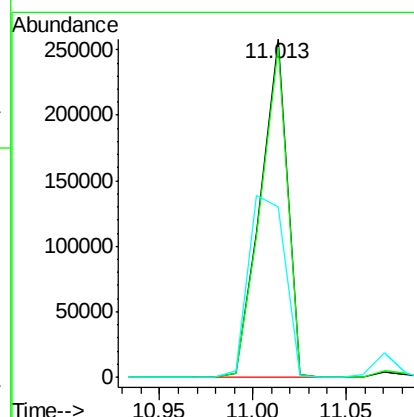
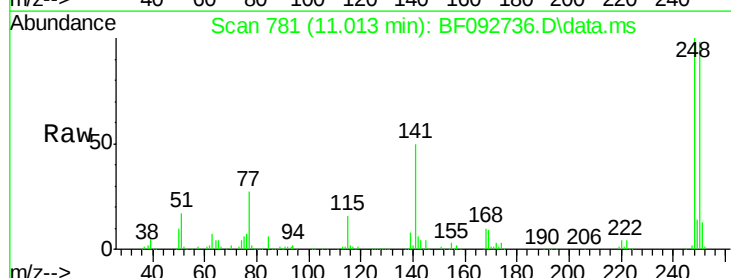
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.0	54.2	81.2
167	37.7	30.2	45.4



#66
4-Bromophenyl-phenylether
Concen: 41.43 ng
RT: 11.013 min Scan# 781
Delta R.T. -0.023 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.9	115.3
141	50.5	68.2	102.4#

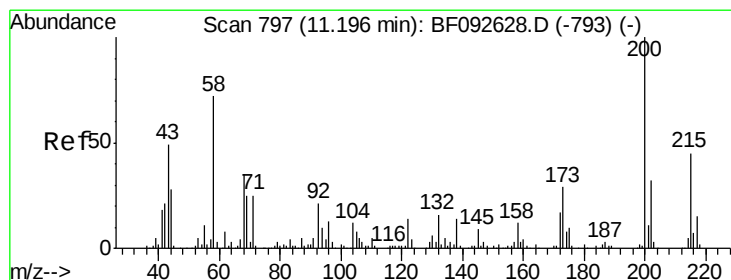
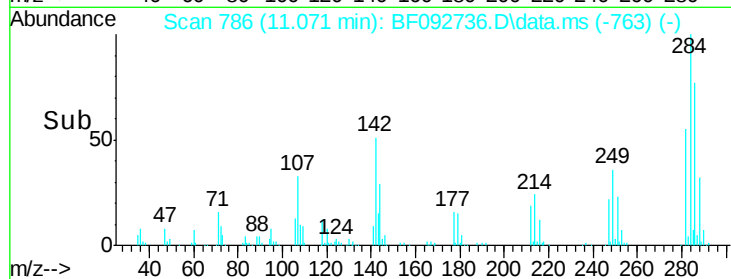
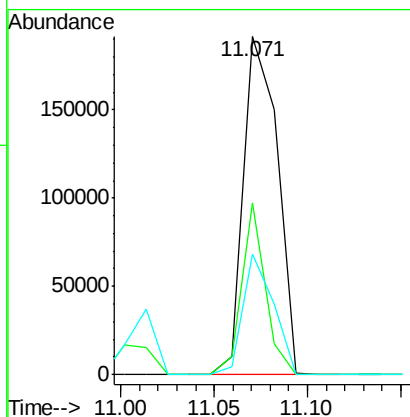
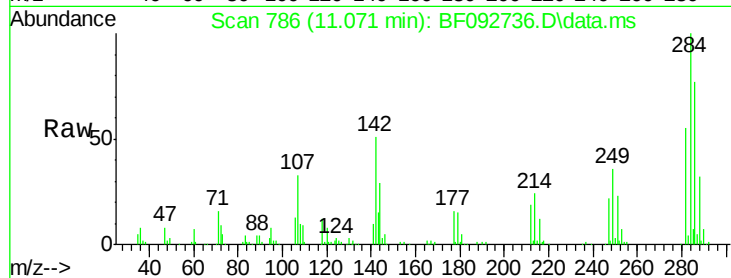




#67
Hexachlorobenzene
Concen: 39.59 ng
RT: 11.071 min Scan# 78
Delta R.T. -0.034 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

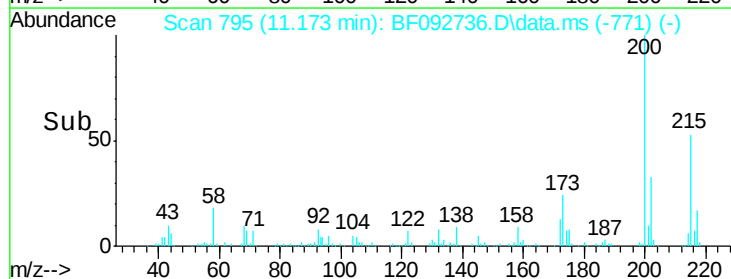
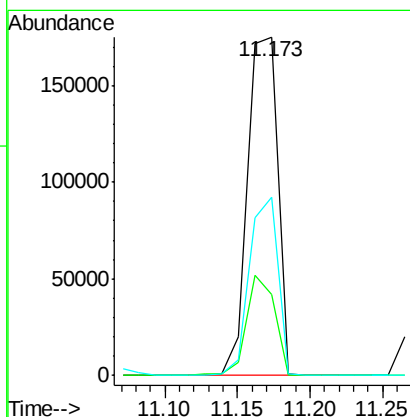
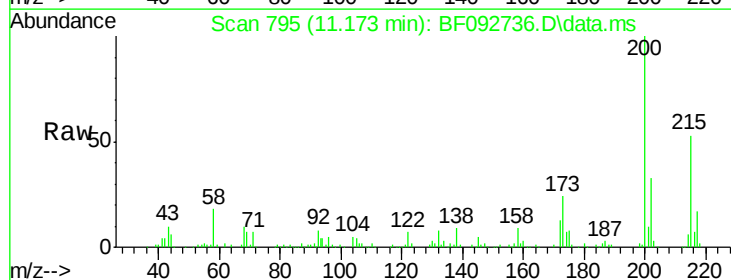
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

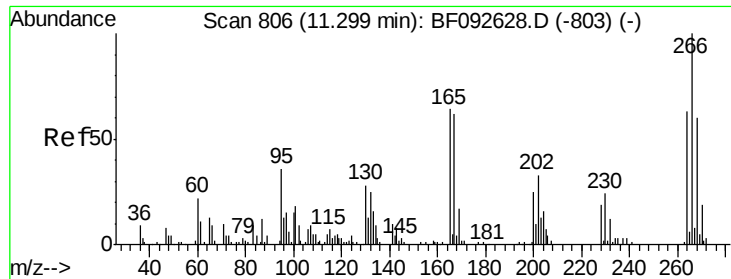
Tot Ion:284 Resp: 242076
Ion Ratio Lower Upper
284 100
142 50.6 22.6 33.8#
249 35.8 25.4 38.0



#68
Atrazine
Concen: 41.69 ng
RT: 11.173 min Scan# 795
Delta R.T. -0.023 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion:200 Resp: 253123
Ion Ratio Lower Upper
200 100
173 23.8 9.6 49.6
215 52.7 25.7 65.7





#69

Pentachlorophenol

Concen: 44.97 ng

RT: 11.276 min Scan# 80

Delta R.T. -0.023 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

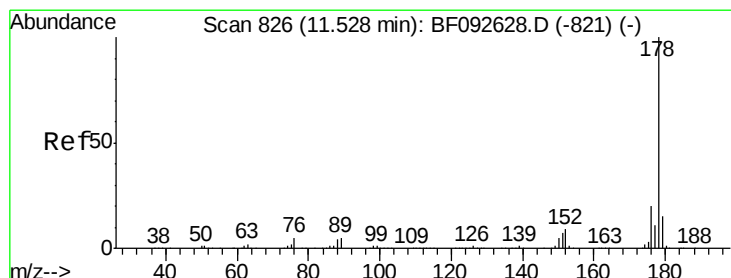
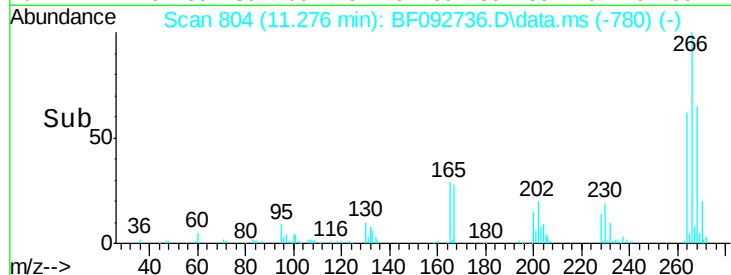
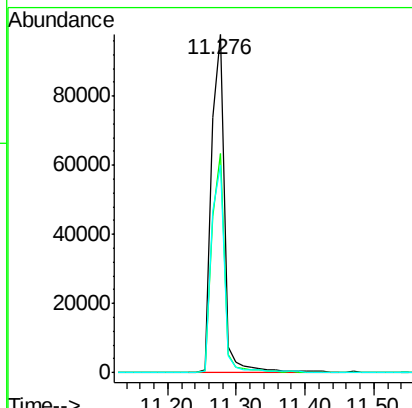
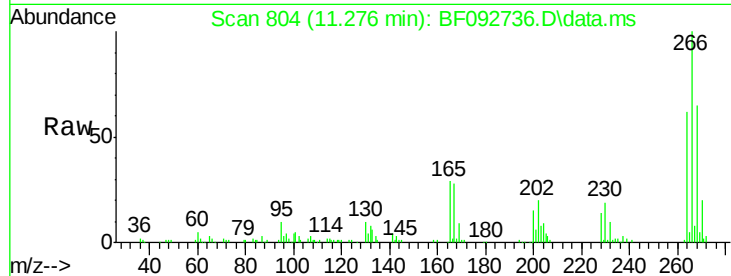
Tot Ion:266 Resp: 131013

Ion Ratio Lower Upper

266 100

268 64.8 53.3 79.9

264 61.6 50.3 75.5



#70

Phenanthrene

Concen: 41.01 ng

RT: 11.494 min Scan# 823

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

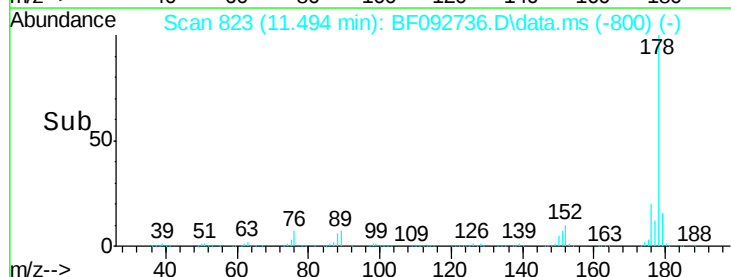
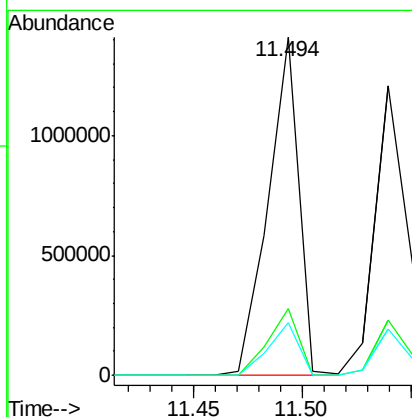
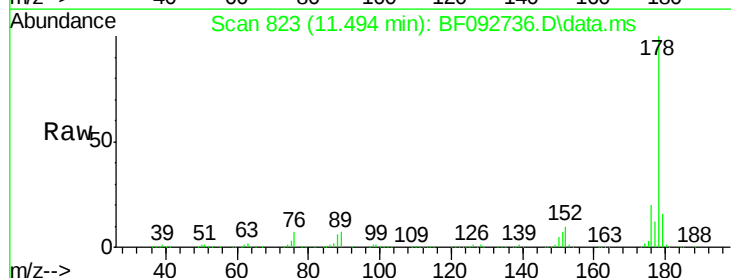
Tgt Ion:178 Resp: 1391731

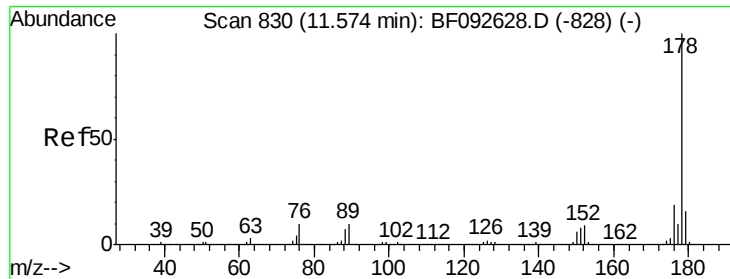
Ion Ratio Lower Upper

178 100

176 19.8 16.6 25.0

179 15.6 12.8 19.2

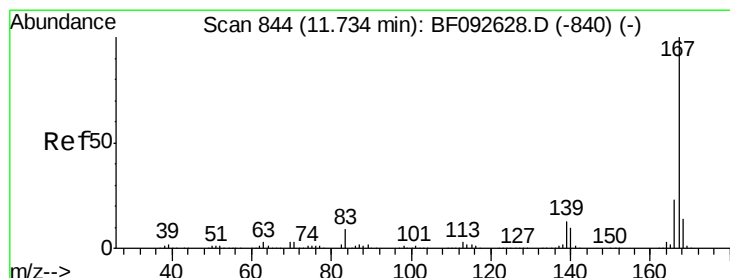
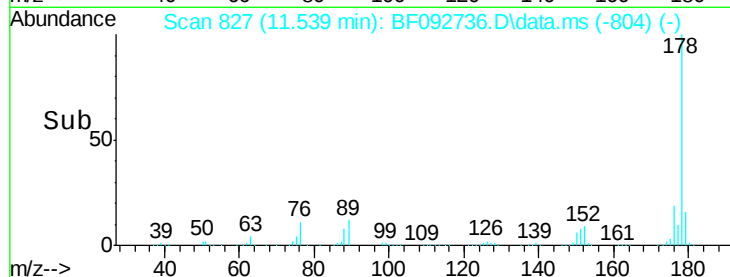
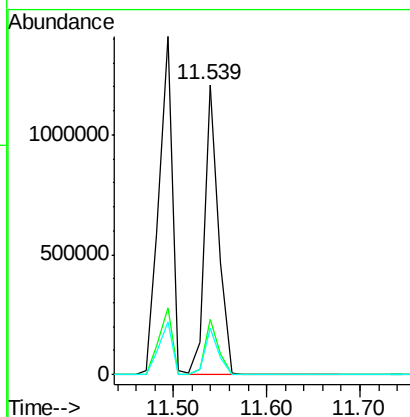
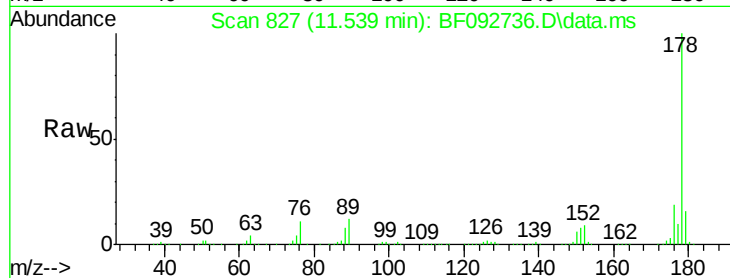




#71
 Anthracene
 Concen: 36.62 ng
 RT: 11.539 min Scan# 82
 Delta R.T. -0.034 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

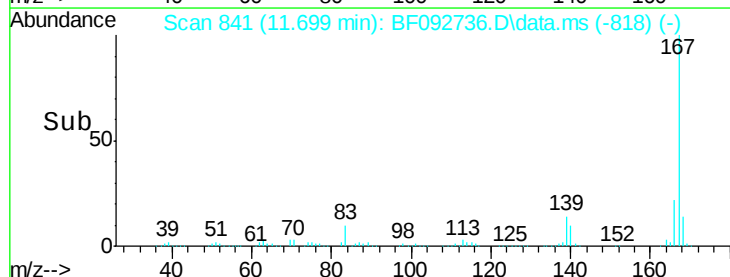
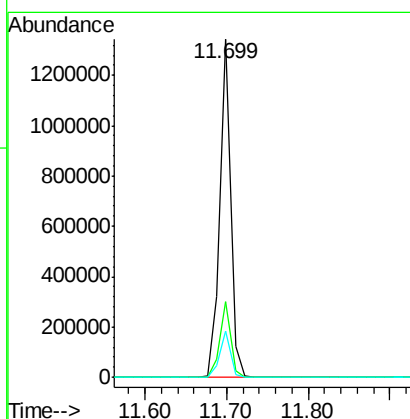
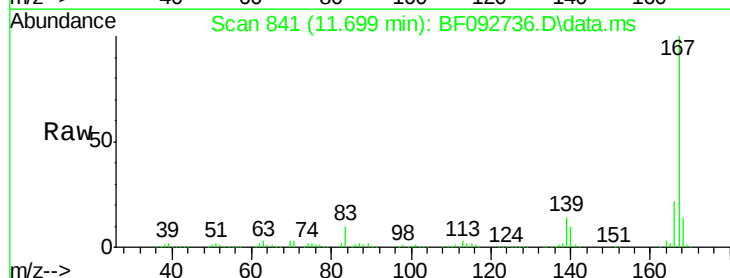
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

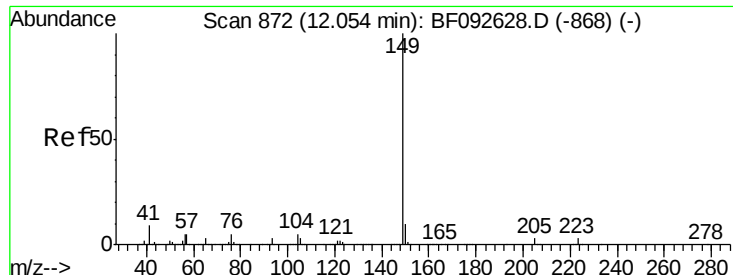
Tot Ion:178 Resp: 1248045
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 16.1 13.2 19.8



#72
 Carbazole
 Concen: 38.13 ng
 RT: 11.699 min Scan# 841
 Delta R.T. -0.034 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Tgt Ion:167 Resp: 1241987
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.6 11.4 17.2

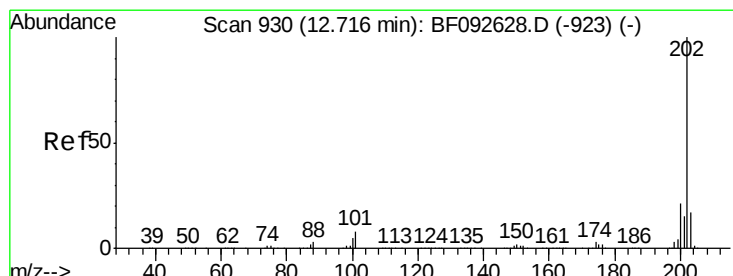
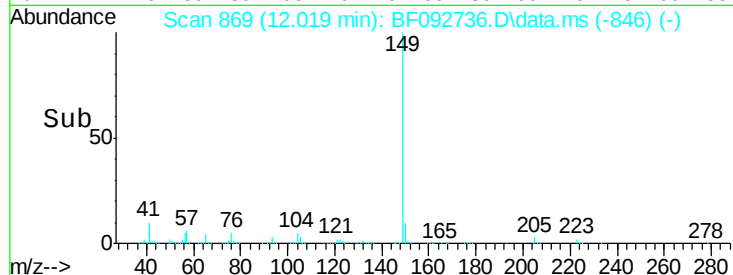
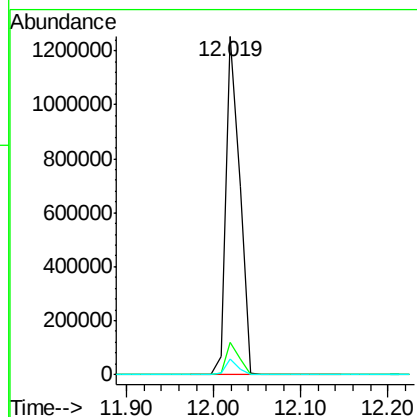
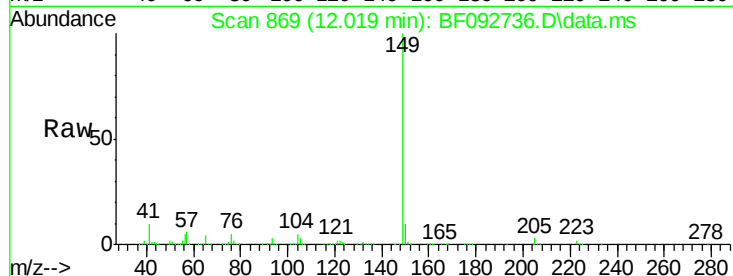




#73
Di-n-butylphthalate
Concen: 39.47 ng
RT: 12.019 min Scan# 86
Delta R.T. -0.034 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

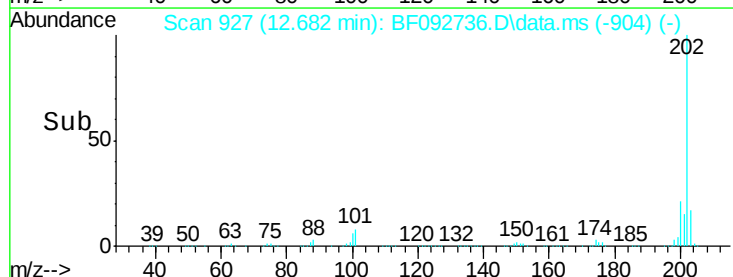
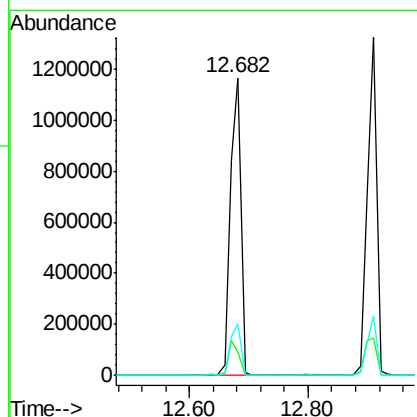
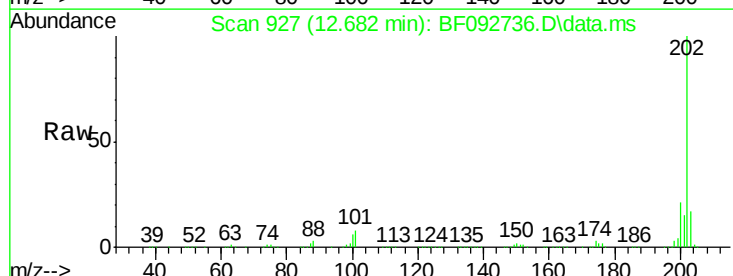
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

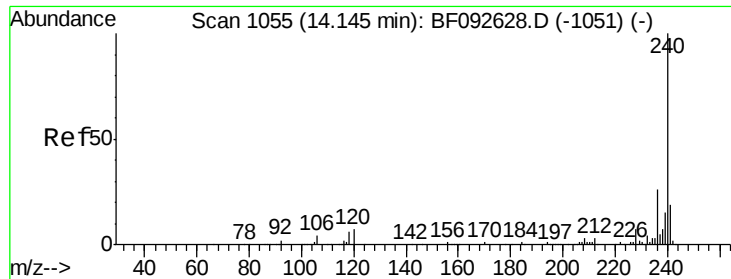
Tot Ion:149 Resp: 1390606
Ion Ratio Lower Upper
149 100
150 9.5 8.1 12.1
104 4.7 4.6 7.0



#74
Fluoranthene
Concen: 40.68 ng
RT: 12.682 min Scan# 927
Delta R.T. -0.034 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion:202 Resp: 1423802
Ion Ratio Lower Upper
202 100
101 7.9 0.0 34.6
203 17.4 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.111 min Scan# 10

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

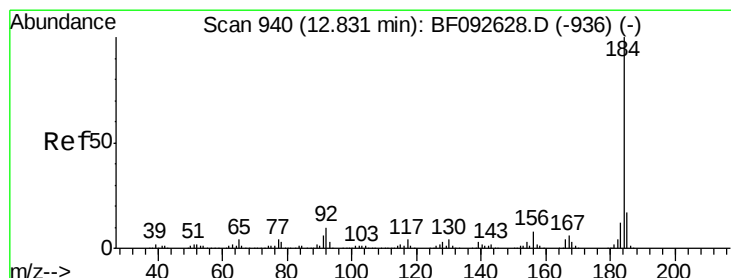
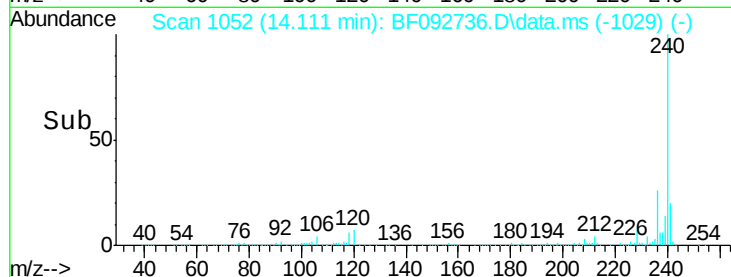
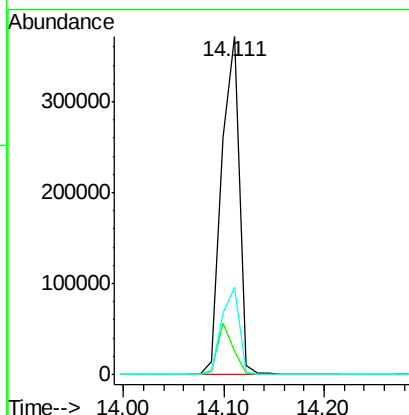
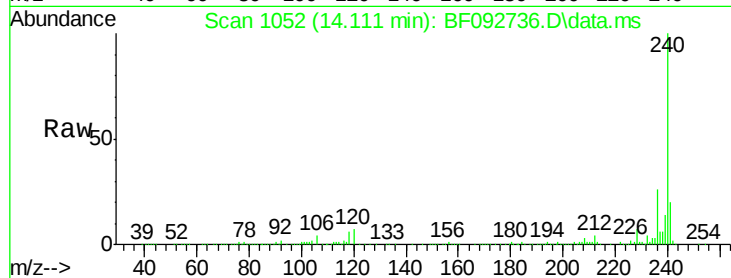
Tot Ion:240 Resp: 453189

Ion Ratio Lower Upper

240 100

120 6.8 12.9 19.3#

236 25.9 20.9 31.3



#76

Benzidine

Concen: 35.49 ng

RT: 12.797 min Scan# 937

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

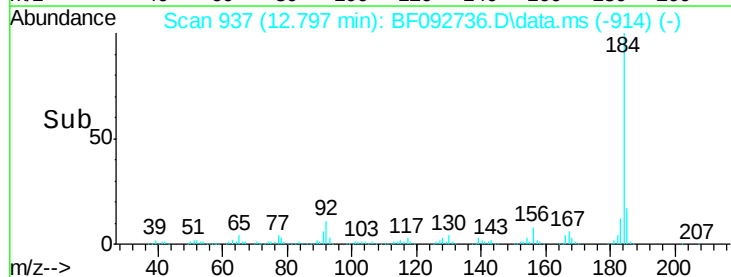
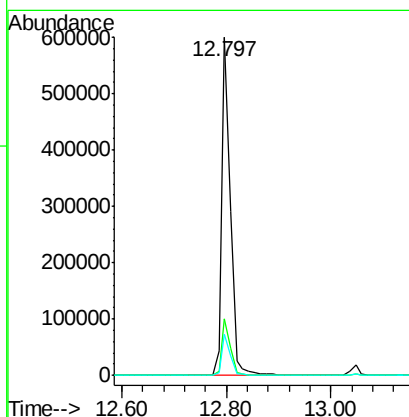
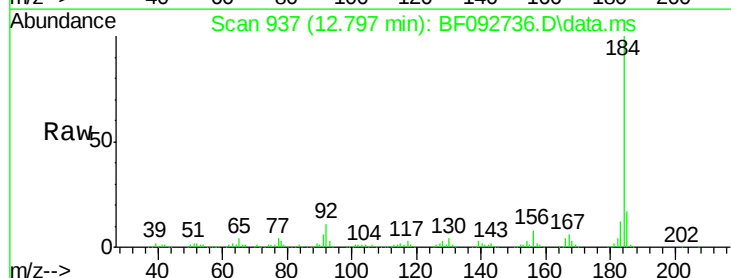
Tgt Ion:184 Resp: 685301

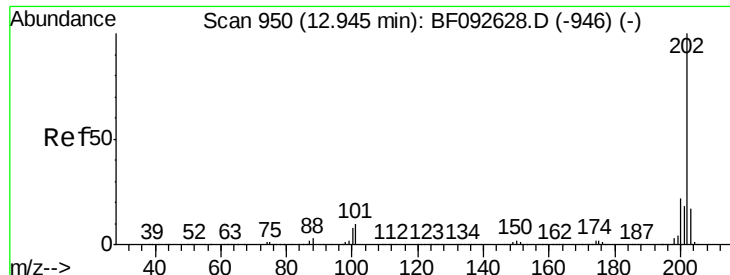
Ion Ratio Lower Upper

184 100

185 16.9 13.4 20.0

183 12.2 9.2 13.8

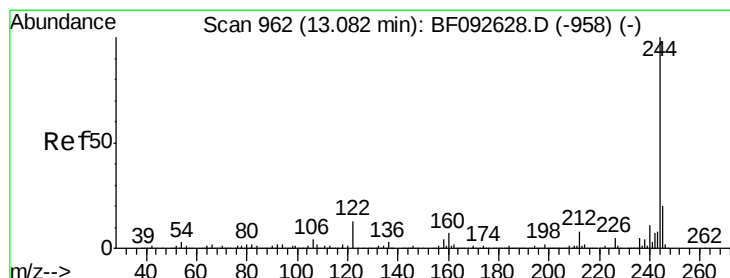
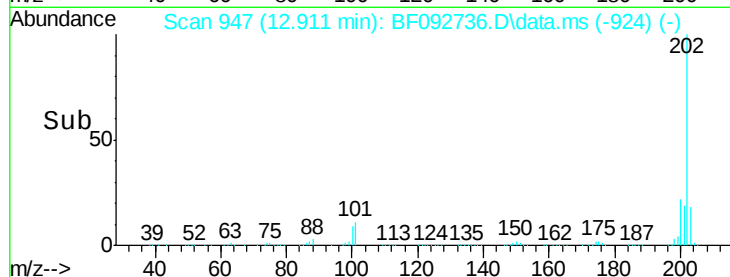
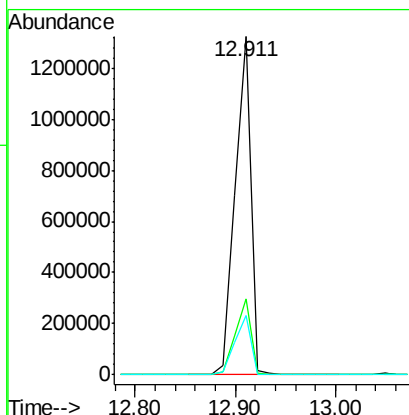
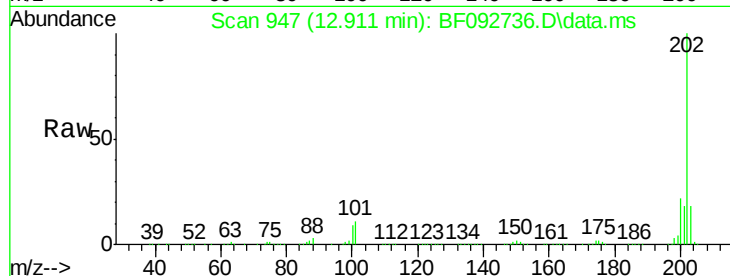




#77
Pvrene
Concen: 42.40 ng
RT: 12.911 min Scan# 94
Delta R.T. -0.034 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

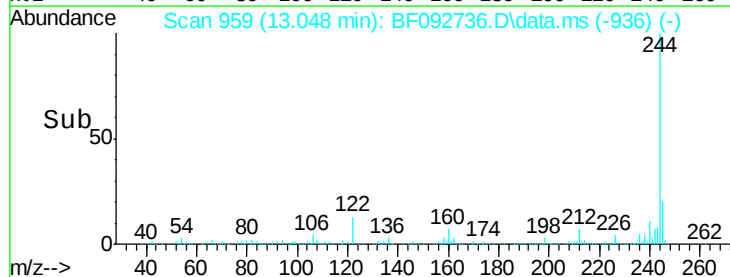
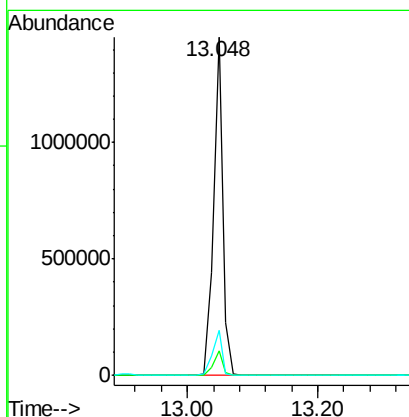
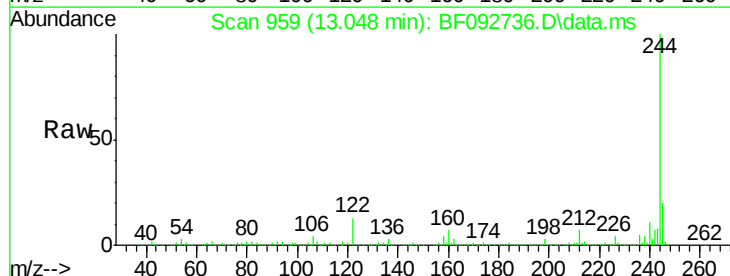
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

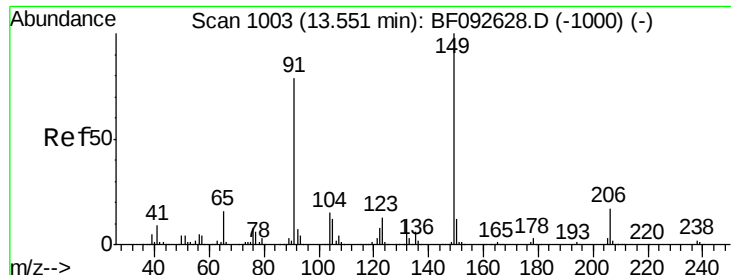
Tot Ion:202 Resp: 1437904
Ion Ratio Lower Upper
202 100
200 22.4 17.7 26.5
203 17.6 14.7 22.1



#78
Terphenyl-d14
Concen: 76.20 ng
RT: 13.048 min Scan# 959
Delta R.T. -0.034 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion:244 Resp: 1469641
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 13.2 11.4 17.2

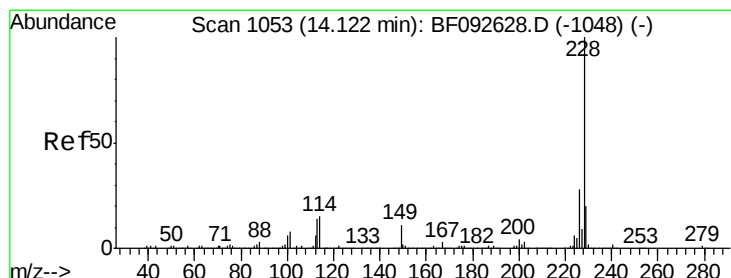
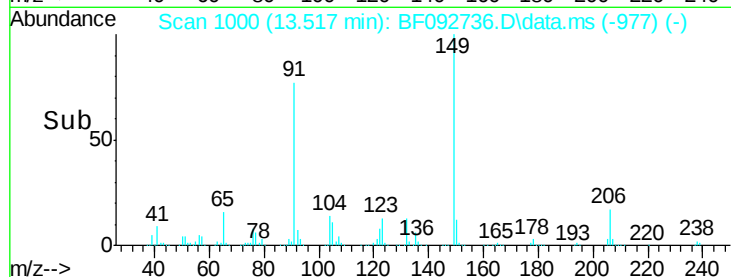
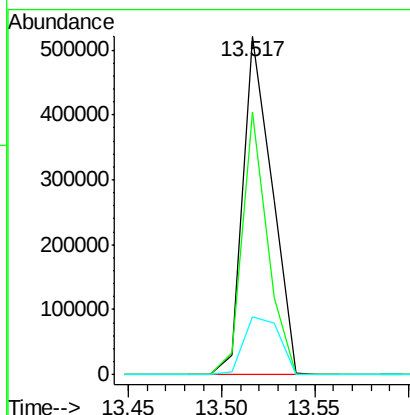
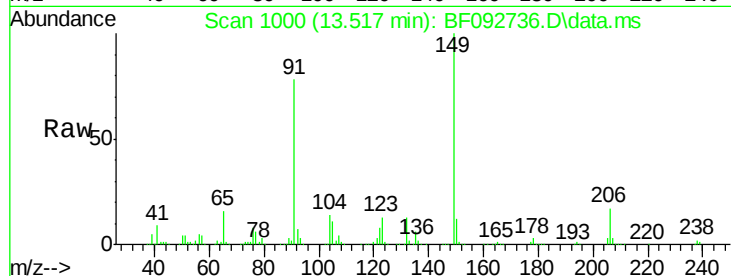




#79
Butylbenzylphthalate
Concen: 40.86 ng
RT: 13.517 min Scan# 10
Delta R.T. -0.034 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

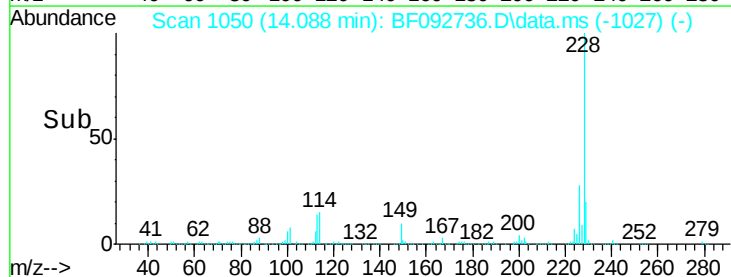
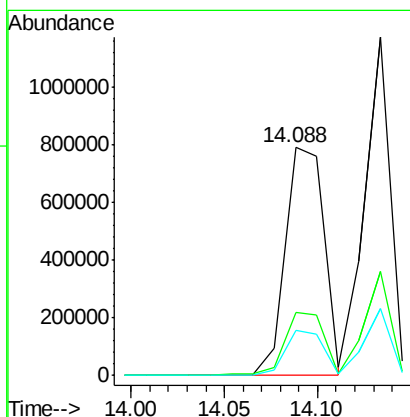
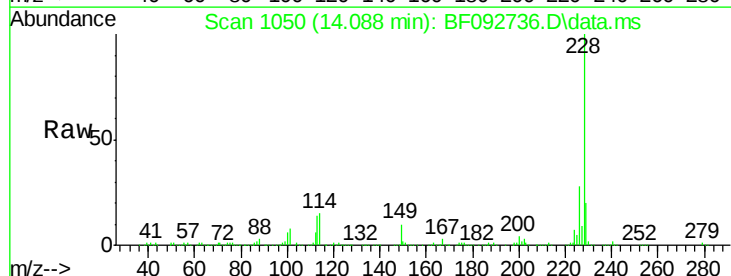
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 562705
Ion Ratio Lower Upper
149 100
91 77.6 63.9 95.9
206 17.2 14.6 21.8



#80
Benzo(a)anthracene
Concen: 41.43 ng
RT: 14.088 min Scan# 1050
Delta R.T. -0.034 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion:228 Resp: 1148438
Ion Ratio Lower Upper
228 100
226 27.7 22.4 33.6
229 20.0 16.2 24.4





#81

3,3'-Dichlorobenzidine

Concen: 39.39 ng

RT: 14.054 min Scan# 10

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

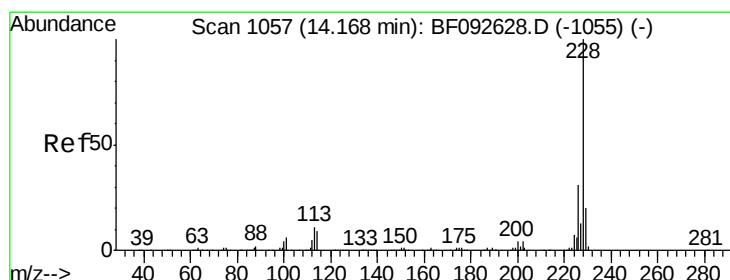
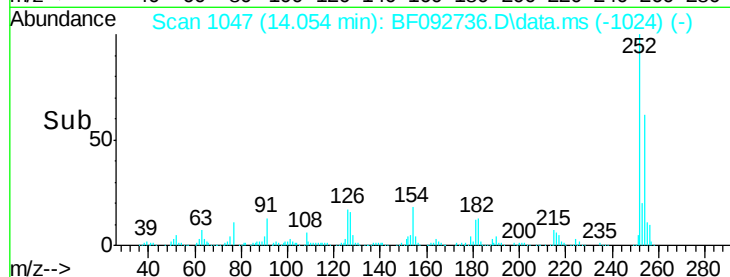
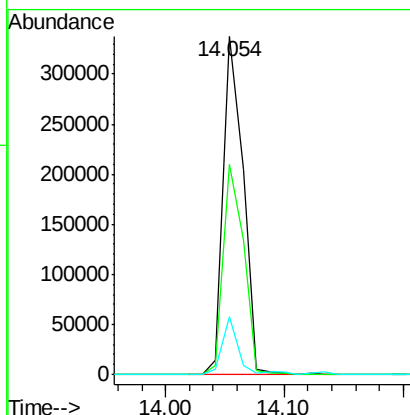
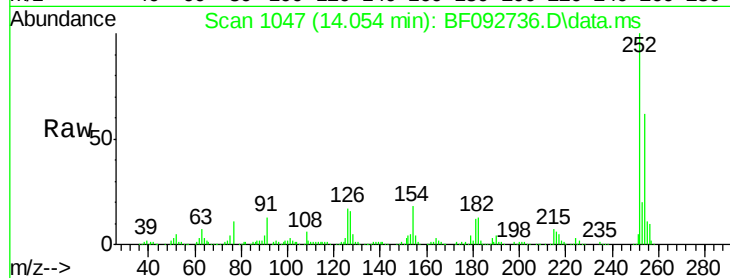
Tot Ion:252 Resp: 389161

Ion Ratio Lower Upper

252 100

254 62.1 52.3 78.5

126 17.1 13.6 20.4



#82

Chrysene

Concen: 43.38 ng

RT: 14.134 min Scan# 1054

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

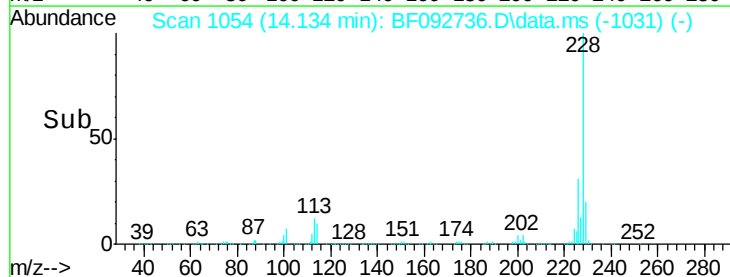
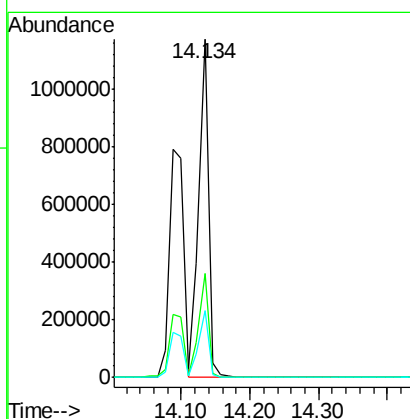
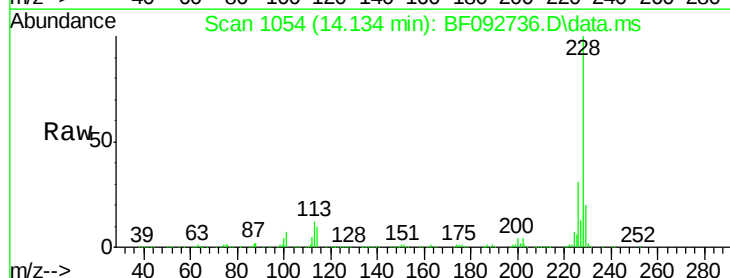
Tgt Ion:228 Resp: 1125787

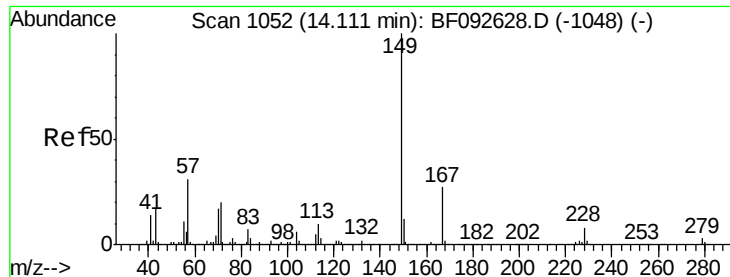
Ion Ratio Lower Upper

228 100

226 30.9 25.4 38.0

229 19.8 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.54 ng

RT: 14.077 min Scan# 10

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

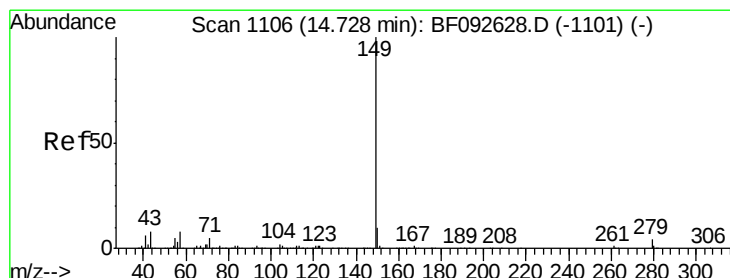
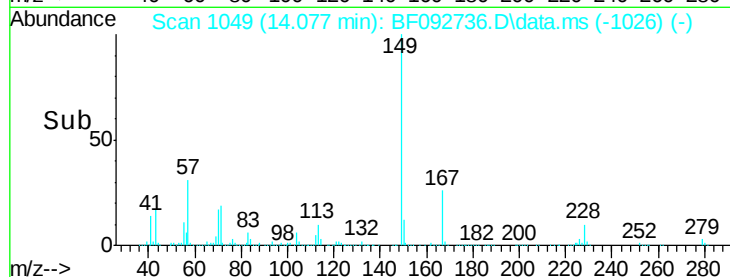
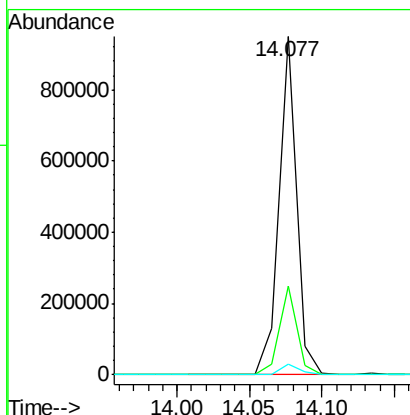
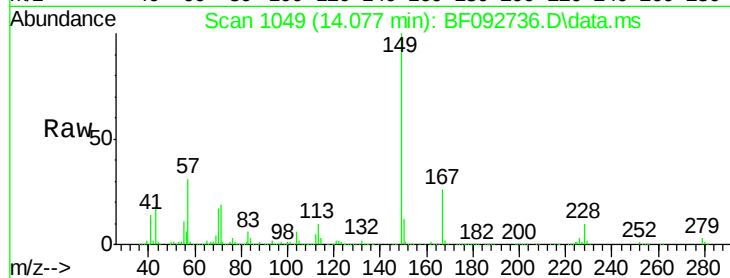
Tot Ion:149 Resp: 801331

Ion Ratio Lower Upper

149 100

167 26.2 20.2 30.4

279 2.9 1.8 2.8#



#84

Di-n-octyl phthalate

Concen: 45.63 ng

RT: 14.694 min Scan# 1103

Delta R.T. -0.034 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

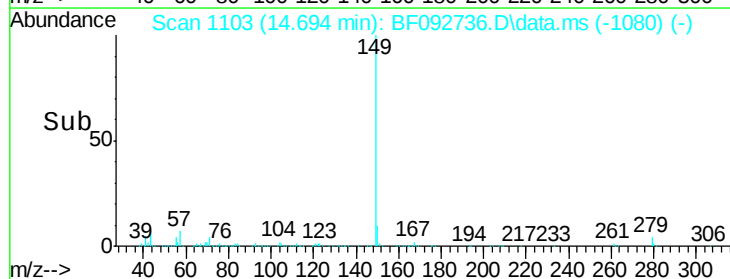
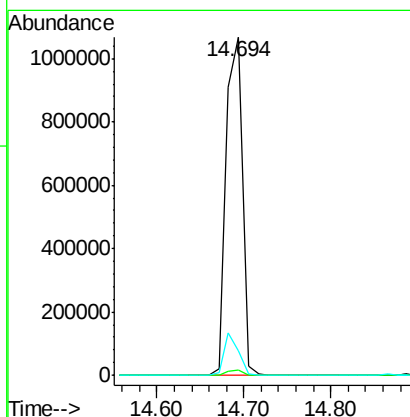
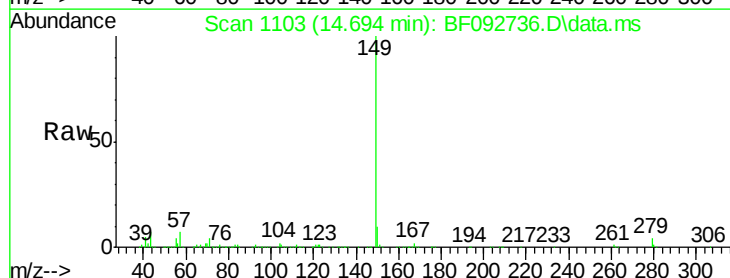
Tgt Ion:149 Resp: 1399478

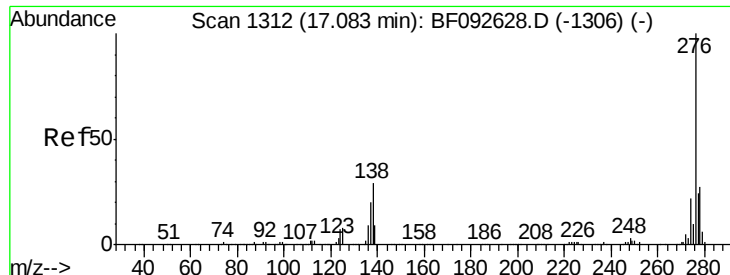
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.1 8.9 13.3

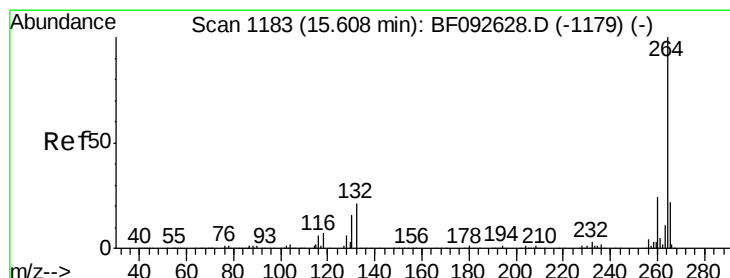
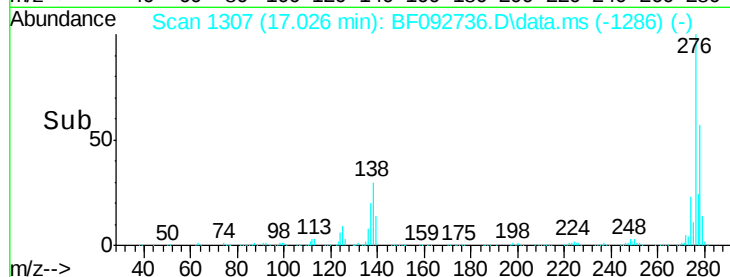
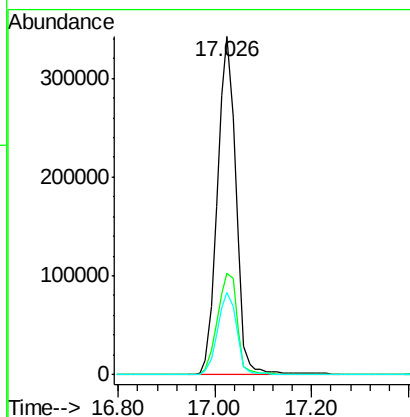
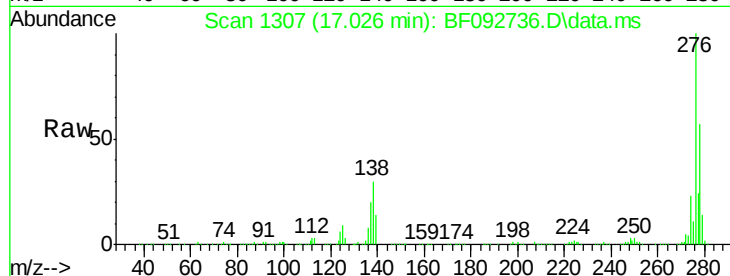




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.95 ng
 RT: 17.026 min Scan# 1312
 Delta R.T. -0.057 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

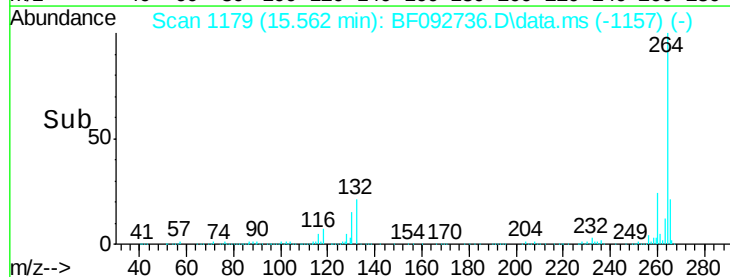
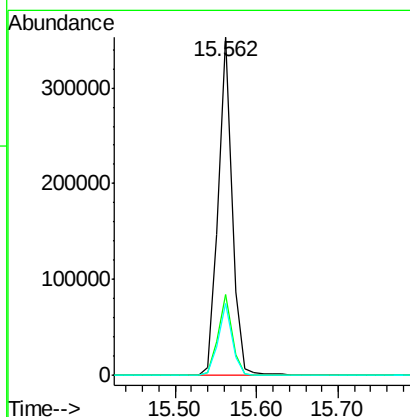
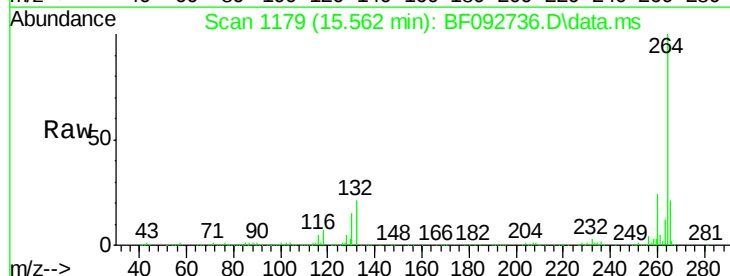
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

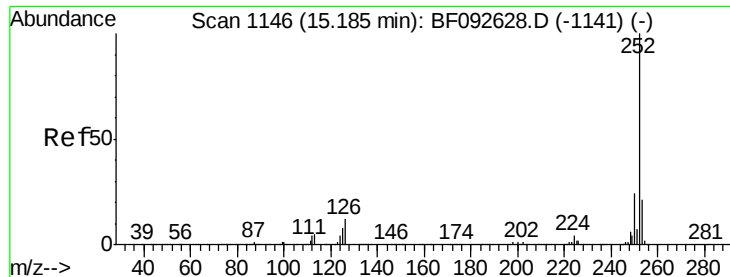
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.9	21.8	32.6
277	24.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 1179
 Delta R.T. -0.046 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.4	26.0

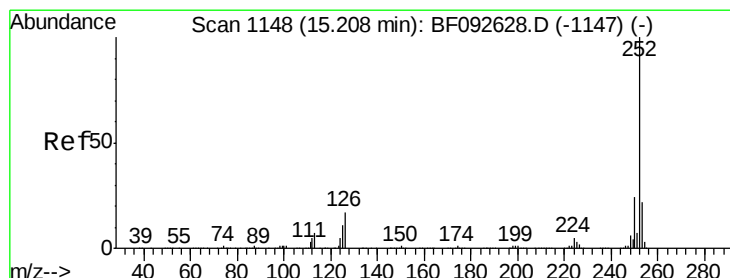
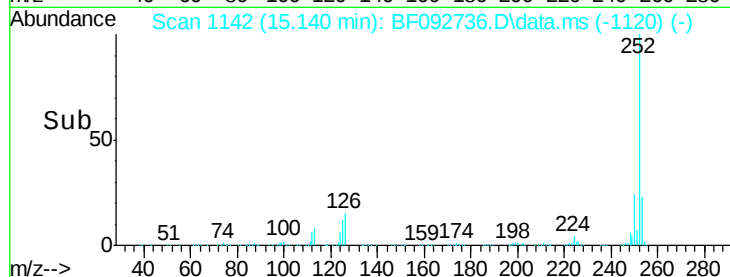
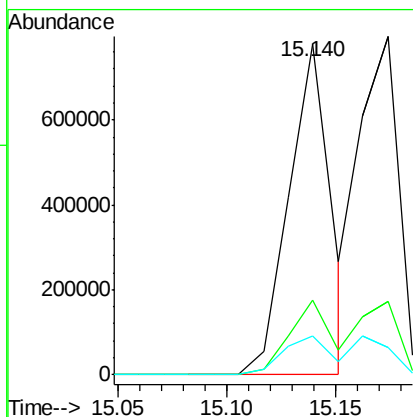
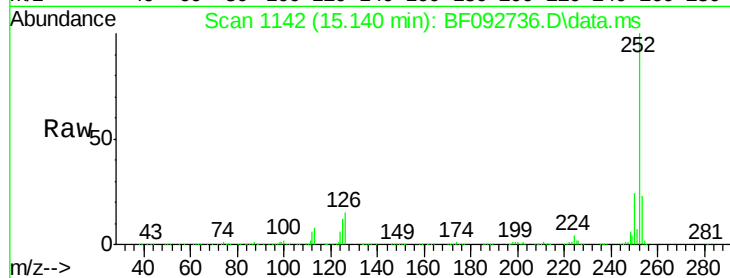




#87
Benzo(b)fluoranthene
Concen: 37.65 ng
RT: 15.140 min Scan# 1146
Delta R.T. -0.046 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

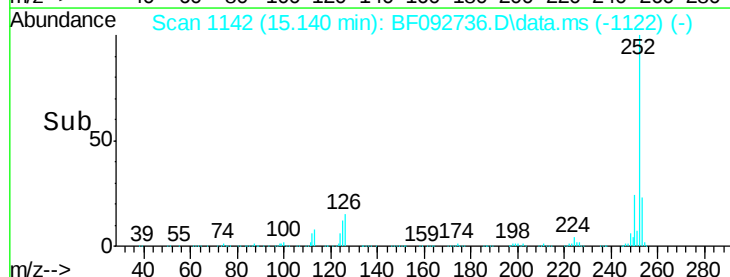
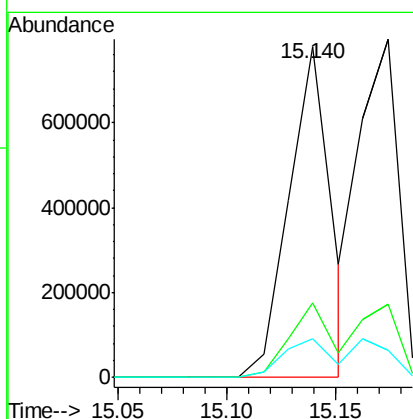
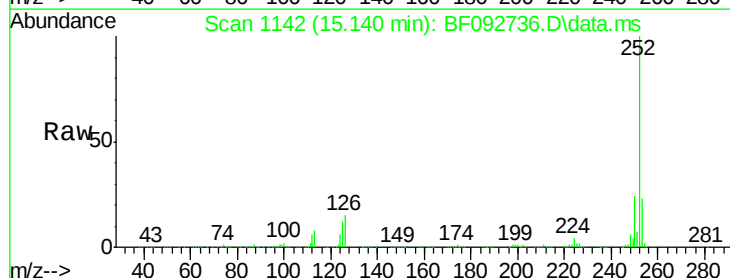
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

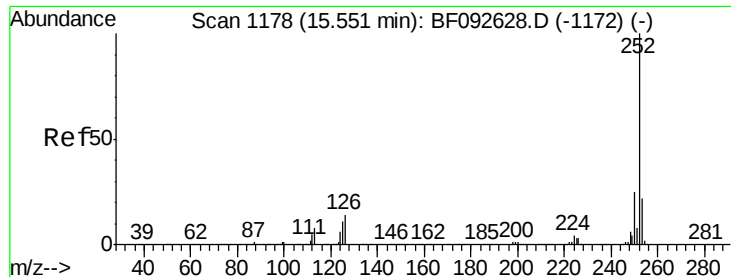
Tot Ion:252 Resp: 1039257
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 11.6 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 43.61 ng
RT: 15.140 min Scan# 1142
Delta R.T. -0.069 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion:252 Resp: 1039257
Ion Ratio Lower Upper
252 100
253 22.5 18.5 27.7
125 11.6 8.9 13.3





#89

Benzo(a)pyrene

Concen: 40.21 ng

RT: 15.505 min Scan# 11

Delta R.T. -0.046 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

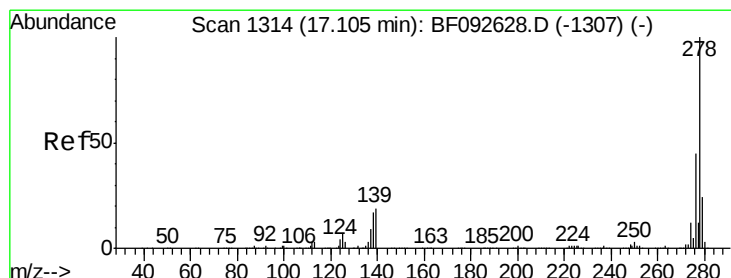
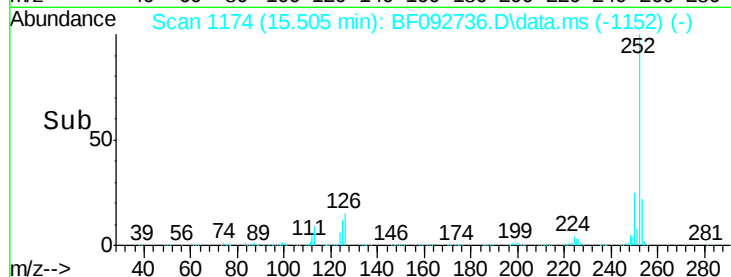
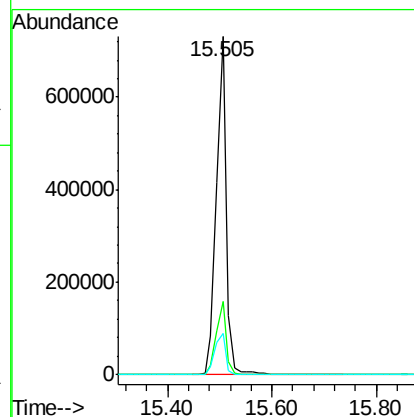
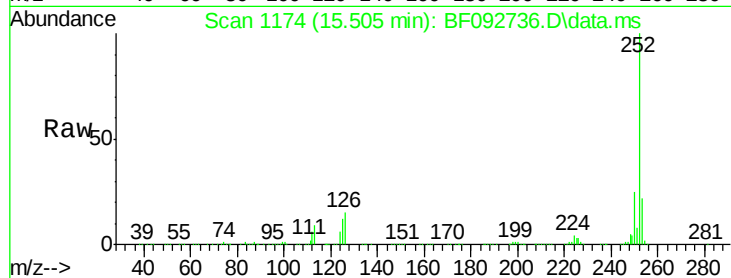
Tot Ion:252 Resp: 959922

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

125 12.2 10.0 15.0



#90

Dibenzo(a,h)anthracene

Concen: 40.80 ng

RT: 17.037 min Scan# 1308

Delta R.T. -0.069 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

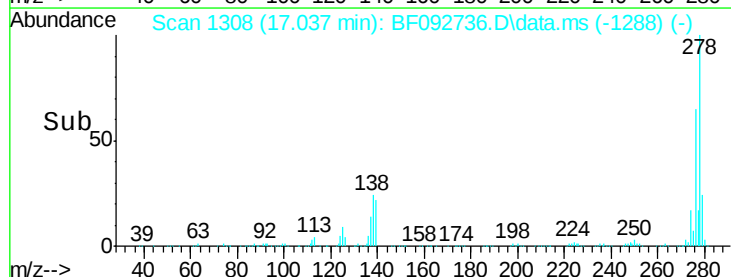
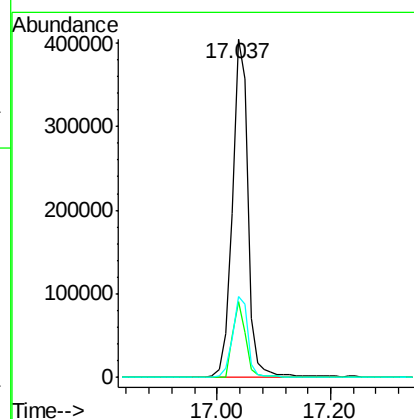
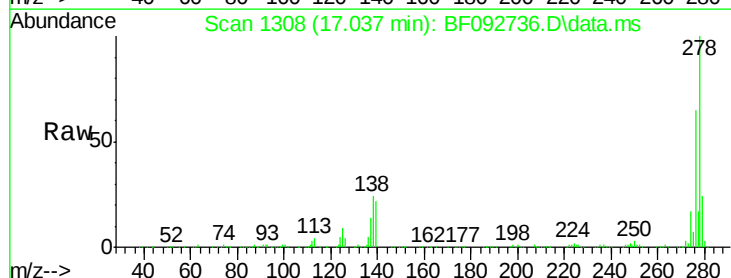
Tgt Ion:278 Resp: 787224

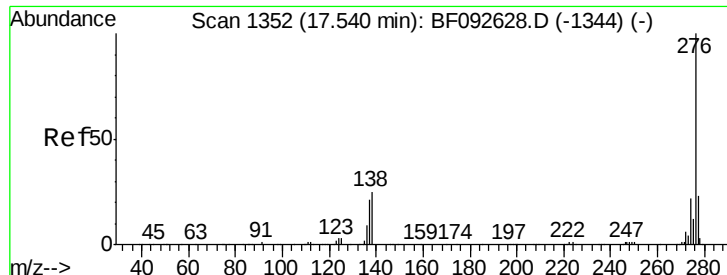
Ion Ratio Lower Upper

278 100

139 22.3 14.8 22.2#

279 24.0 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 39.62 ng
 RT: 17.471 min Scan# 13
 Delta R.T. -0.069 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	276	Resp:	772230
Ion Ratio		Lower	Upper
276	100		
277	22.3	19.2	28.8
138	23.9	16.0	24.0

