

Data Path : Z:\HPCHEM1\BNA F\Data\BF101916\
 Data File : BF090643.D
 Acq On : 19 Oct 2016 13:14
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 19 14:37:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.886	152	246993	20.00	ng	-0.02
21) Naphthalene-d8	8.178	136	1086968	20.00	ng	-0.02
38) Acenaphthene-d10	9.938	164	566808	20.00	ng	-0.02
63) Phenanthrene-d10	11.424	188	874463	20.00	ng	-0.02
75) Chrysene-d12	14.064	240	763139	20.00	ng	-0.02
86) Perylene-d12	15.515	264	571062	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.492	112	1217426	90.36	ng	-0.02
7) Phenol-d6	6.532	99	1711810	85.51	ng	-0.01
23) Nitrobenzene-d5	7.457	82	1599683	81.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.726	330	377700	74.74	ng	-0.02
44) 2-Fluorobiphenyl	9.263	172	2732779	79.44	ng	-0.01
78) Terphenyl-d14	13.012	244	2519628	76.88	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.520	88	334544	43.57	ng	96
3) Pyridine	3.251	79	894887	52.00	ng	97
4) n-Nitrosodimethylamine	3.217	42	304558	49.22	ng	88
6) Aniline	6.555	93	1059037	43.78	ng	100
8) 2-Chlorophenol	6.680	128	789705	45.20	ng	88
9) Benzaldehyde	6.440	77	479661	37.69	ng	99
10) Phenol	6.543	94	926590	40.47	ng	87
11) bis(2-Chloroethyl)ether	6.623	93	802832	42.50	ng	94
12) 1,3-Dichlorobenzene	6.829	146	722461	41.47	ng	97
13) 1,4-Dichlorobenzene	6.909	146	801385	42.29	ng	97
14) 1,2-Dichlorobenzene	7.069	146	714166	40.32	ng	95
15) Benzyl Alcohol	7.035	79	613611	45.00	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.172	45	1137245	42.78	ng	91
17) 2-Methylphenol	7.149	107	589629	43.31	ng	99
18) Hexachloroethane	7.400	117	302559	40.41	ng	# 91
19) n-Nitroso-di-n-propyla...	7.309	70	549758	40.05	ng	# 95
20) 3+4-Methylphenols	7.309	107	705622	42.75	ng	# 88
22) Acetophenone	7.309	105	978719	40.76	ng	# 91
24) Nitrobenzene	7.480	77	928314	46.23	ng	92
25) Isophorone	7.720	82	1505674	42.28	ng	97
26) 2-Nitrophenol	7.800	139	382686	42.01	ng	# 80
27) 2,4-Dimethylphenol	7.835	122	621456	41.11	ng	97
28) bis(2-Chloroethoxy)met...	7.926	93	816779	38.84	ng	99
29) 2,4-Dichlorophenol	8.040	162	572252	43.22	ng	98
30) 1,2,4-Trichlorobenzene	8.120	180	611124	39.40	ng	97
31) Naphthalene	8.200	128	1978536	35.73	ng	98
32) Benzoic acid	7.983	122	460867	49.63	ng	98
33) 4-Chloroaniline	8.258	127	846825	40.01	ng	# 90
34) Hexachlorobutadiene	8.315	225	327162	37.76	ng	98
35) Caprolactam	8.635	113	166351	45.01	ng	# 86
36) 4-Chloro-3-methylphenol	8.738	107	635295	41.58	ng	91
37) 2-Methylnaphthalene	8.898	142	1364772	41.97	ng	98
39) 1,2,4,5-Tetrachloroben...	9.058	216	561749	37.38	ng	99
40) Hexachlorocyclopentadiene	9.046	237	272883	37.17	ng	99

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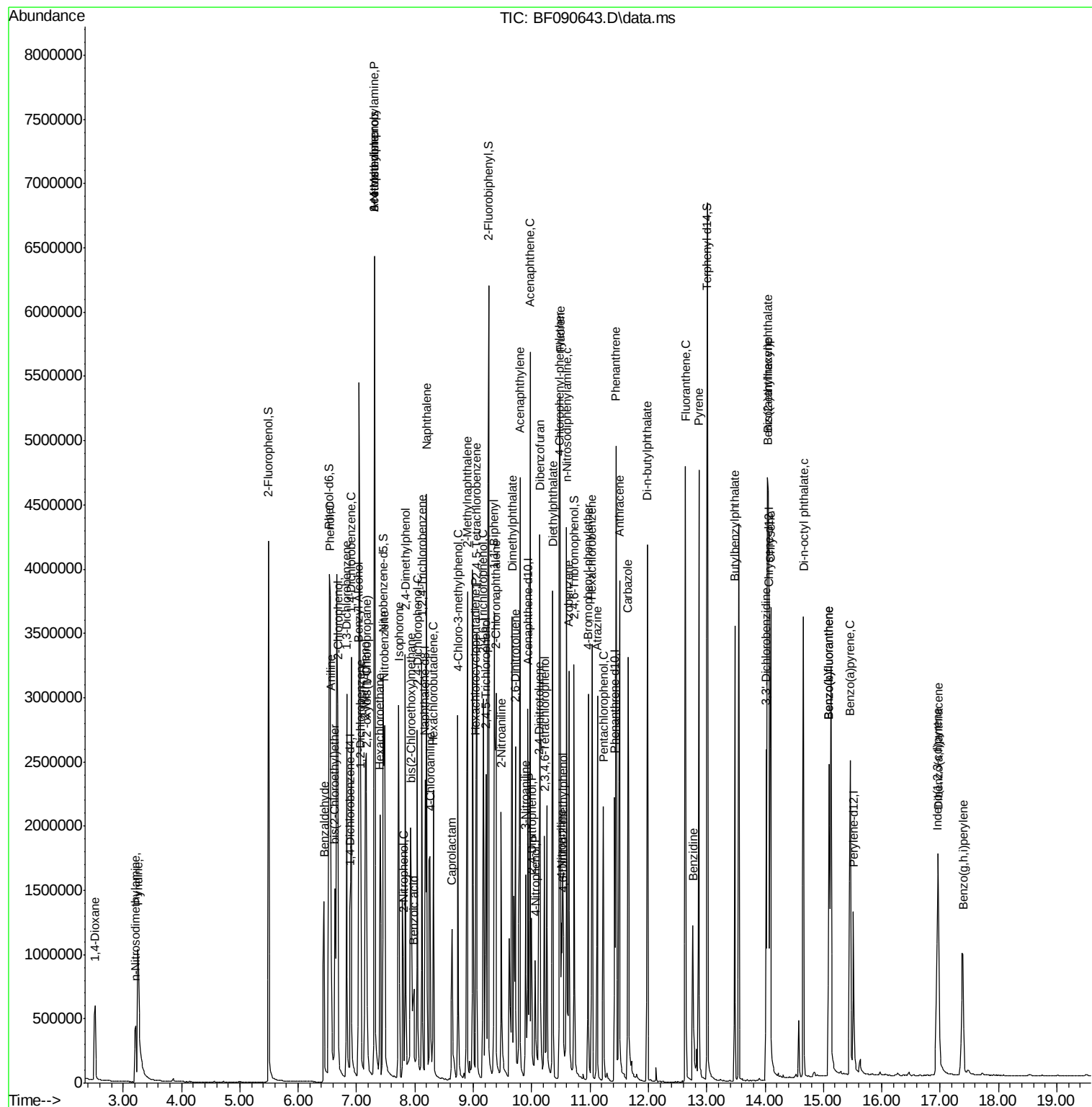
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.172	196	378247	44.62	nq	97
43) 2,4,5-Trichlorophenol	9.218	196	412728	40.81	nq	# 87
45) 1,1'-Biphenyl	9.355	154	1593609	36.95	nq	97
46) 2-Chloronaphthalene	9.389	162	1302107	40.49	nq	93
47) 2-Nitroaniline	9.480	65	486276	41.71	nq	91
48) Acenaphthylene	9.801	152	1958135	38.24	nq	99
49) Dimethylphthalate	9.663	163	1390509	37.81	nq	99
50) 2,6-Dinitrotoluene	9.721	165	291252	36.19	nq	# 61
51) Acenaphthene	9.972	154	1289593	37.89	nq	99
52) 3-Nitroaniline	9.892	138	360916	35.74	nq	89
53) 2,4-Dinitrophenol	9.995	184	172115	42.28	nq	# 65
54) Dibenzofuran	10.143	168	1645615	36.75	nq	95
55) 4-Nitrophenol	10.063	139	239539	39.42	nq	# 85
56) 2,4-Dinitrotoluene	10.132	165	435635	39.86	nq	# 85
57) Fluorene	10.486	166	1380141	37.37	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.223	232	321899	38.22	nq	90
59) Diethylphthalate	10.361	149	1424952	38.21	nq	96
60) 4-Chlorophenyl-phenyle...	10.475	204	607893	34.92	nq	# 88
61) 4-Nitroaniline	10.509	138	388514	38.37	nq	94
62) Azobenzene	10.635	77	1631399	37.81	nq	93
64) 4,6-Dinitro-2-methylph...	10.543	198	229741	43.41	nq	86
65) n-Nitrosodiphenylamine	10.601	169	1149854	39.81	nq	98
66) 4-Bromophenyl-phenylether	10.966	248	339467	36.18	nq	# 82
67) Hexachlorobenzene	11.035	284	402037	39.46	nq	# 85
68) Atrazine	11.126	200	313700	39.27	nq	99
69) Pentachlorophenol	11.229	266	238049	47.15	nq	98
70) Phenanthrene	11.446	178	1772967	37.98	nq	98
71) Anthracene	11.504	178	1978844	39.39	nq	99
72) Carbazole	11.652	167	1714834	38.13	nq	98
73) Di-n-butylphthalate	11.984	149	1974961	37.48	nq	# 98
74) Fluoranthene	12.635	202	1822650	38.82	nq	94
76) Benzidine	12.761	184	698531	36.79	nq	98
77) Pyrene	12.864	202	1796612	35.55	nq	98
79) Butylbenzylphthalate	13.481	149	842985	37.65	nq	93
80) Benzo(a)anthracene	14.052	228	1681109	38.70	nq	99
81) 3,3'-Dichlorobenzidine	14.018	252	650631	43.84	nq	# 98
82) Chrysene	14.098	228	1767555	42.23	nq	99
83) Bis(2-ethylhexyl)phtha...	14.041	149	1107031	36.64	nq	# 98
84) Di-n-octyl phthalate	14.658	149	1919155	47.38	nq	99
85) Indeno(1,2,3-cd)pyrene	16.956	276	1092430	45.14	nq	99
87) Benzo(b)fluoranthene	15.092	252	1688583	45.19	nq	98
88) Benzo(k)fluoranthene	15.092	252	1688583	42.00	nq	98
89) Benzo(a)pyrene	15.458	252	1353556	39.57	nq	97
90) Dibenzo(a,h)anthracene	16.967	278	946221	36.27	nq	99
91) Benzo(g,h,i)perylene	17.390	276	873591	35.12	nq	97

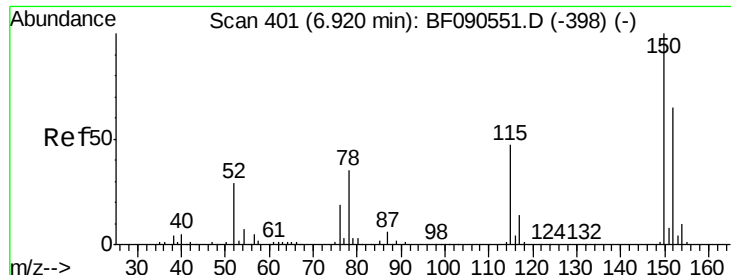
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.886 min Scan# 39

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

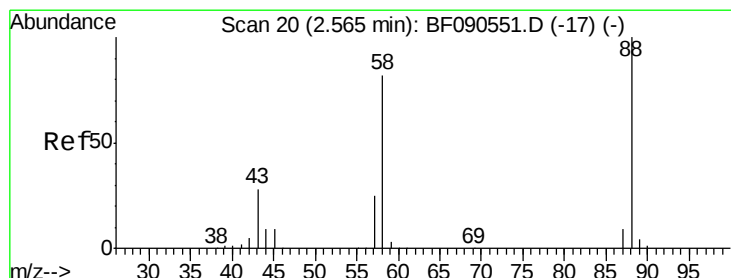
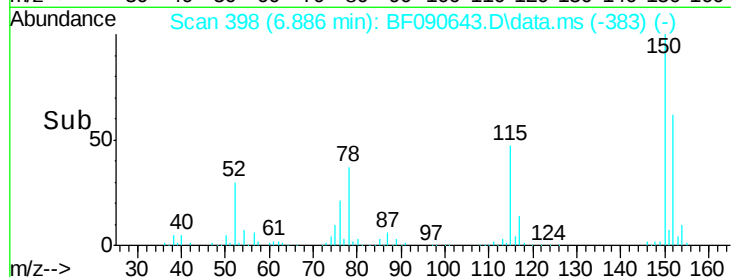
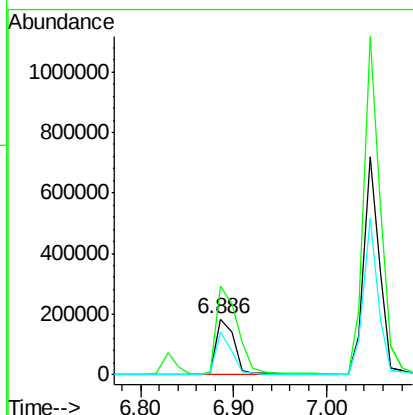
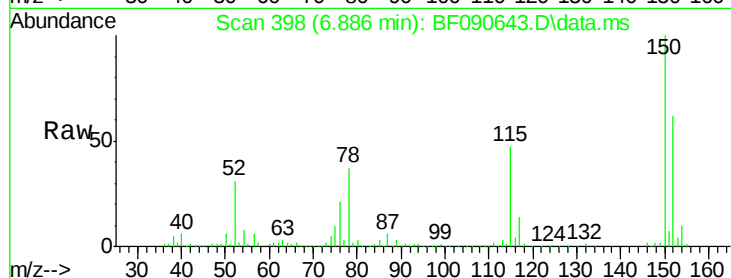
Tot Ion:152 Resp: 246993

Ion Ratio Lower Upper

152 100

150 161.1 127.2 190.8

115 75.9 58.6 88.0



#2

1,4-Dioxane

Concen: 43.57 ng

RT: 2.520 min Scan# 16

Delta R.T. -0.011 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

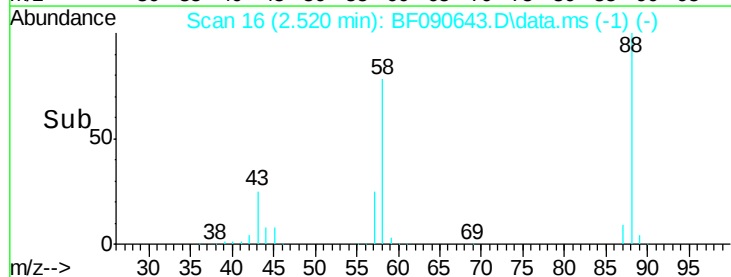
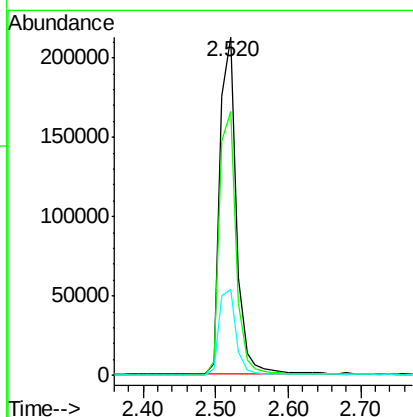
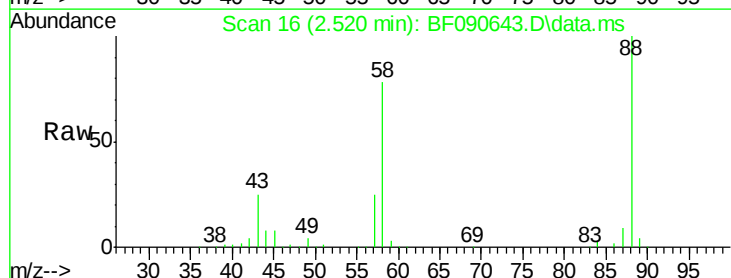
Tgt Ion: 88 Resp: 334544

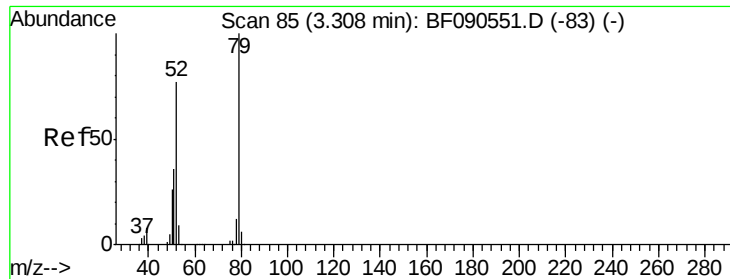
Ion Ratio Lower Upper

88 100

58 80.3 67.2 100.8

43 27.8 24.1 36.1





#3

Pvridine

Concen: 52.00 ng

RT: 3.251 min Scan# 80

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

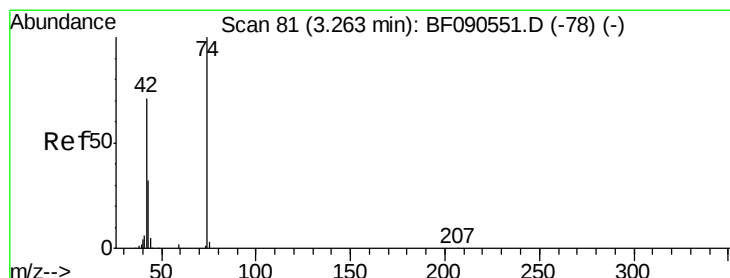
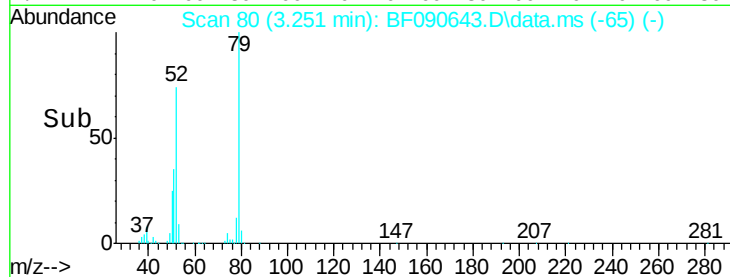
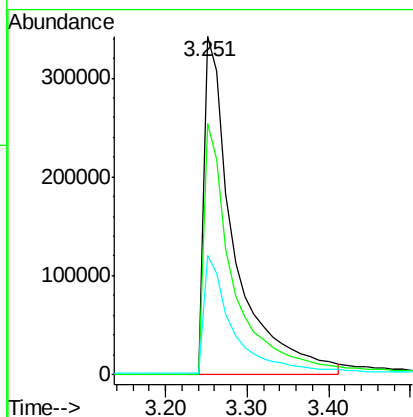
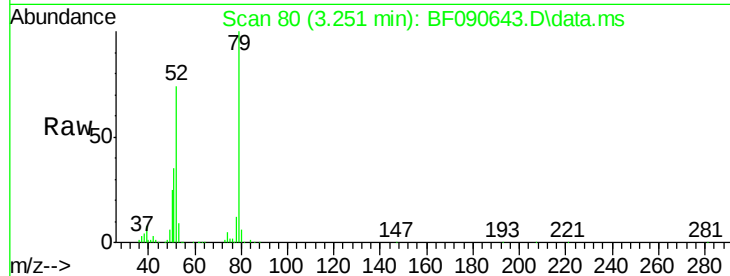
Tot Ion: 79 Resp: 894887

Ion Ratio Lower Upper

79 100

52 74.4 61.8 92.8

51 35.3 29.2 43.8



#4

n-Nitrosodimethylamine

Concen: 49.22 ng

RT: 3.217 min Scan# 77

Delta R.T. -0.011 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

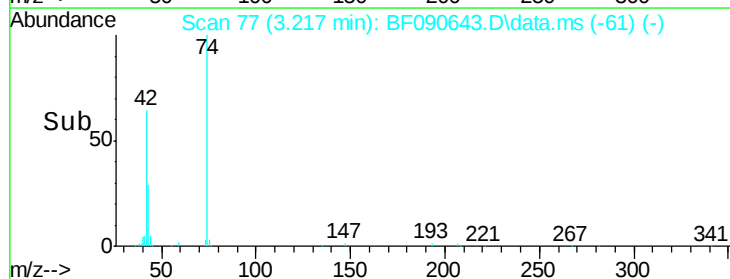
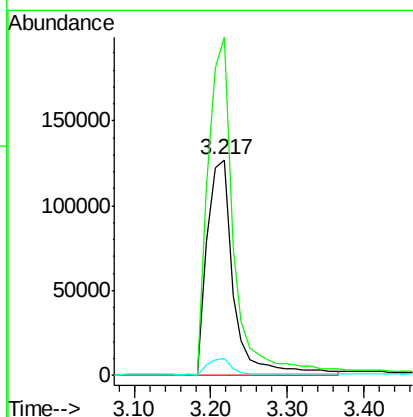
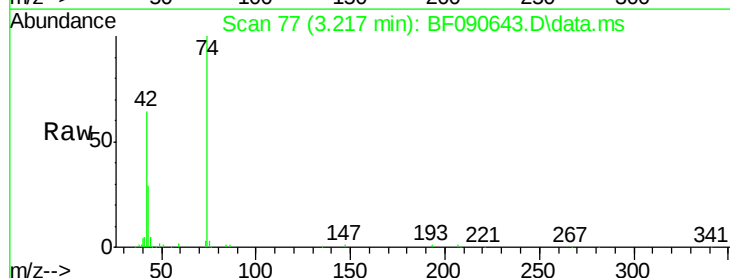
Tgt Ion: 42 Resp: 304558

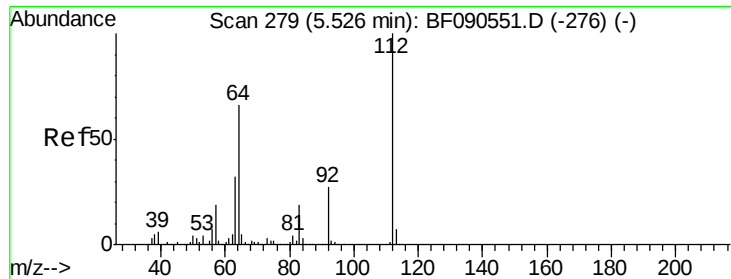
Ion Ratio Lower Upper

42 100

74 156.7 113.3 169.9

44 7.7 6.0 9.0





#5

2-Fluorophenol

Concen: 90.36 ng

RT: 5.492 min Scan# 27

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

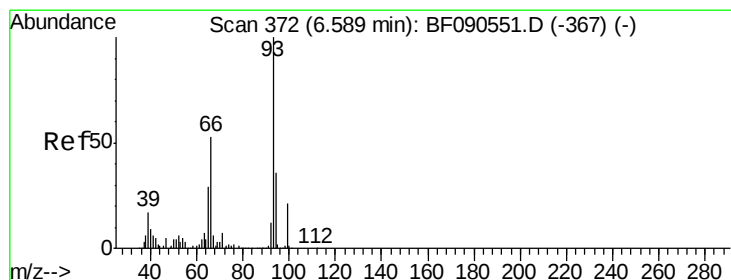
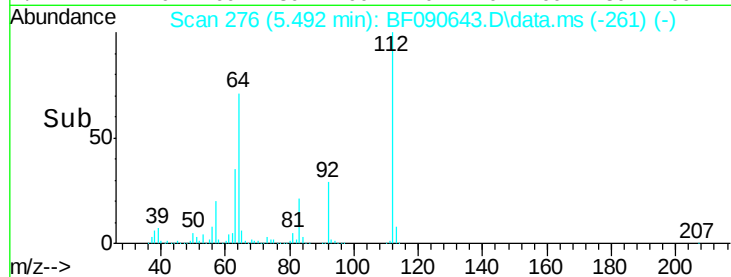
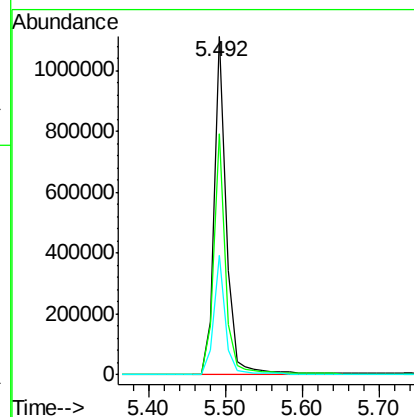
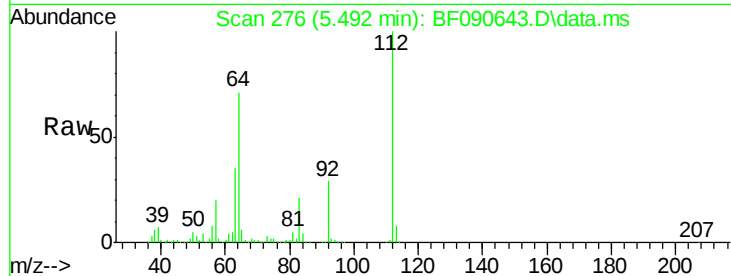
Tot Ion:112 Resp: 1217426

Ion Ratio Lower Upper

112 100

64 71.1 52.6 78.8

63 35.3 26.0 39.0



#6

Aniline

Concen: 43.78 ng

RT: 6.555 min Scan# 369

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

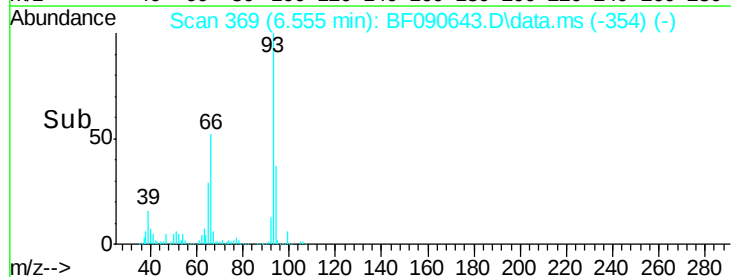
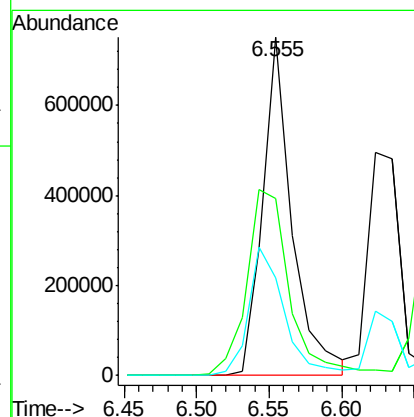
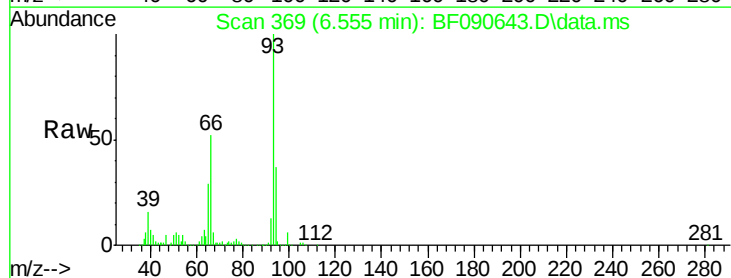
Tgt Ion: 93 Resp: 1059037

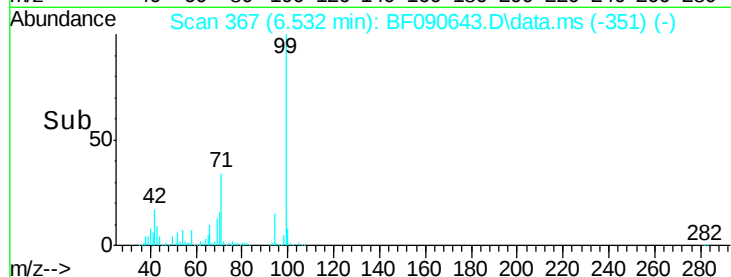
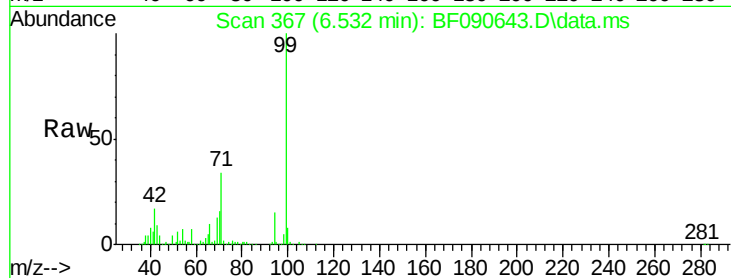
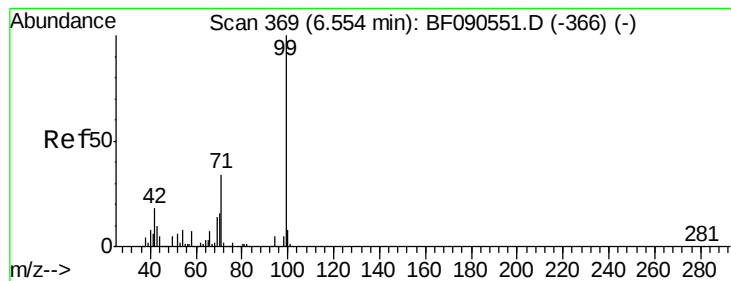
Ion Ratio Lower Upper

93 100

66 52.3 42.2 63.2

65 28.7 22.9 34.3





#7

Phenol-d6

Concen: 85.51 ng

RT: 6.532 min Scan# 36

Delta R.T. -0.011 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

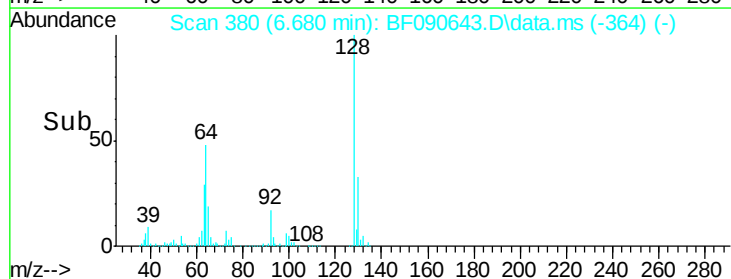
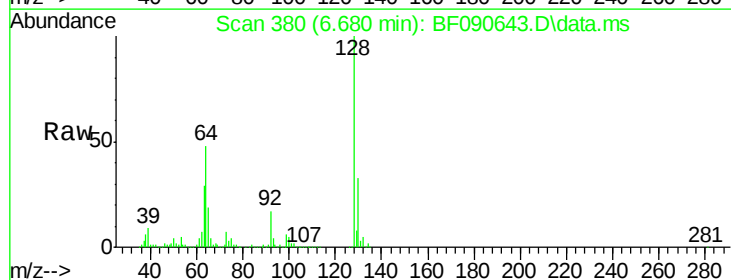
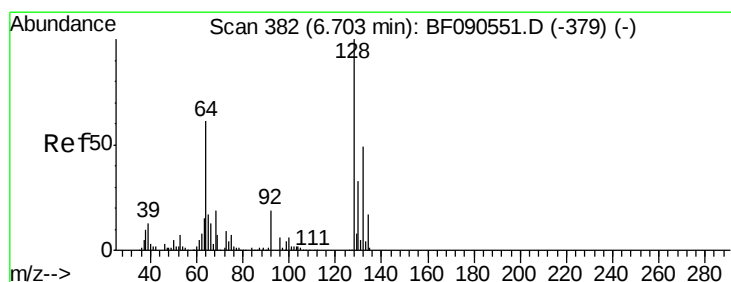
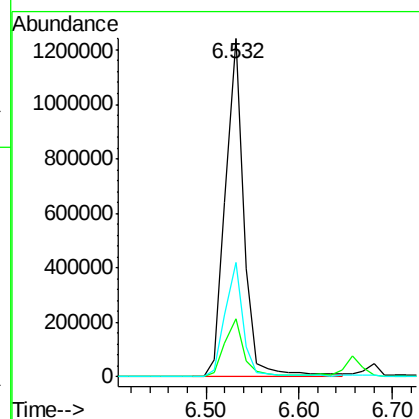
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Tot Ion: 99 Resp: 1711810

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.7	22.1
71	33.7	27.6	41.4



#8

2-Chlorophenol

Concen: 45.20 ng

RT: 6.680 min Scan# 380

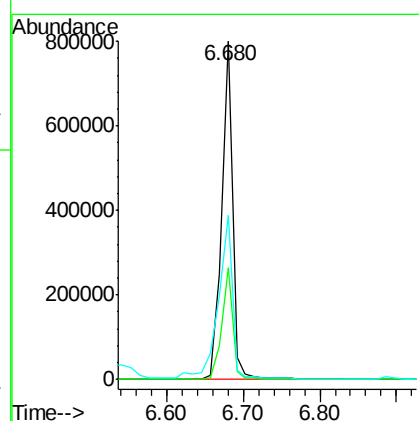
Delta R.T. -0.011 min

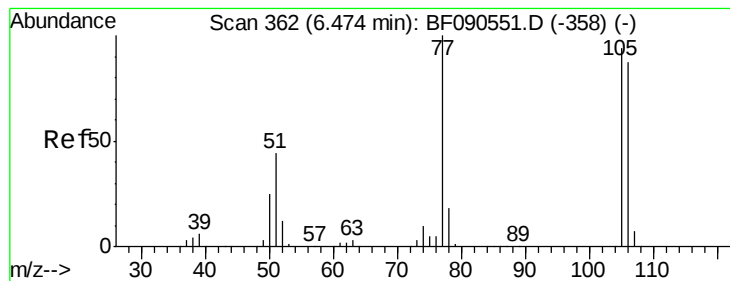
Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Tgt Ion: 128 Resp: 789705

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.6	52.6
64	48.4	42.6	82.6





#9

Benzaldehyde

Concen: 37.69 ng

RT: 6.440 min Scan# 35

Delta R.T. -0.011 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

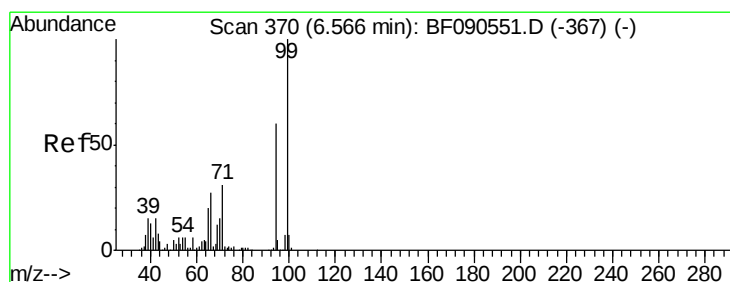
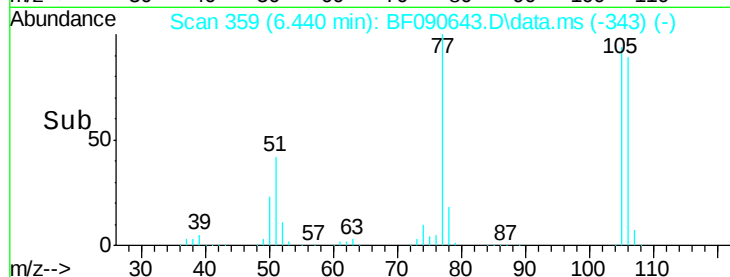
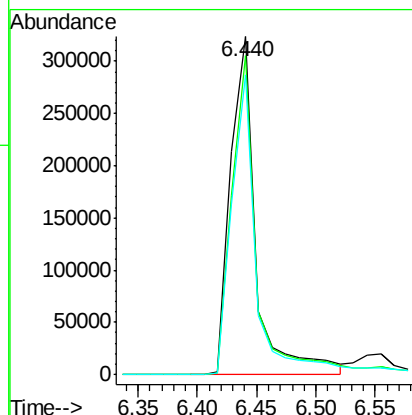
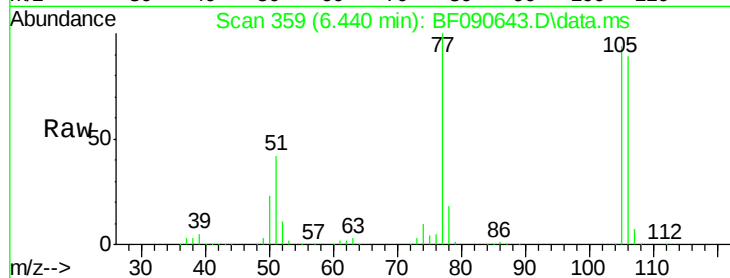
Tot Ion: 77 Resp: 479661

Ion Ratio Lower Upper

77 100

105 94.2 74.3 114.3

106 88.6 67.2 107.2



#10

Phenol

Concen: 40.47 ng

RT: 6.543 min Scan# 368

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

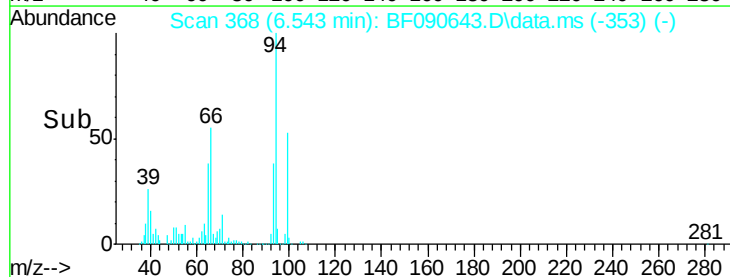
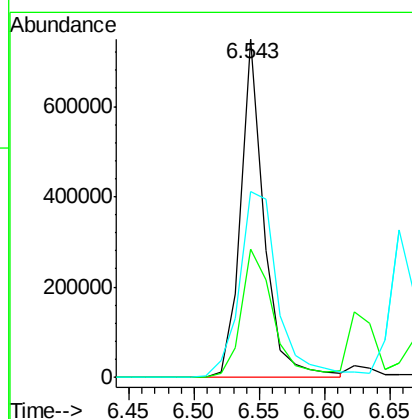
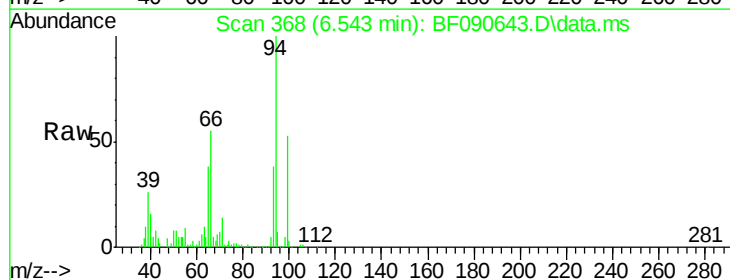
Tgt Ion: 94 Resp: 926590

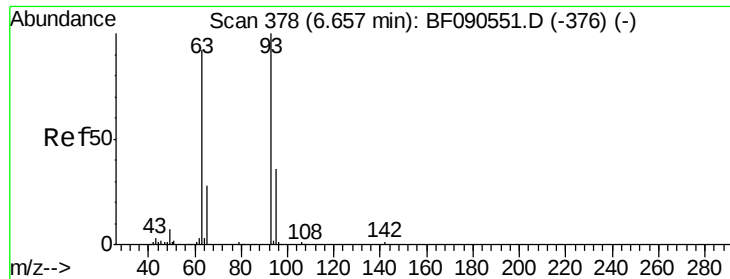
Ion Ratio Lower Upper

94 100

65 38.1 12.5 52.5

66 55.0 25.5 65.5

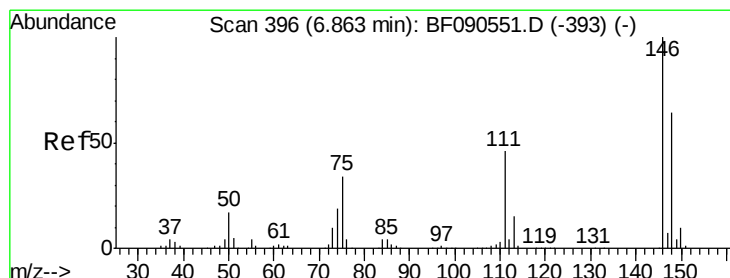
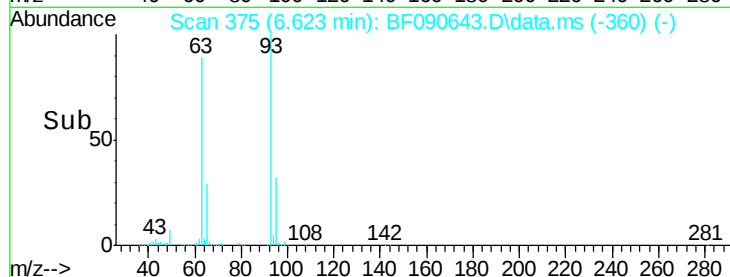
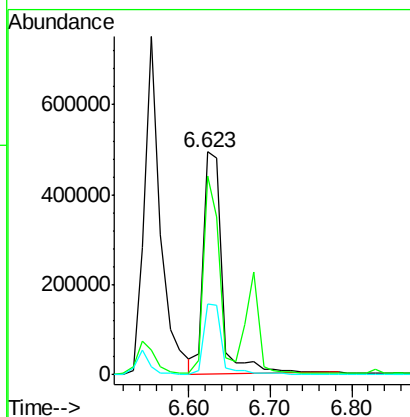
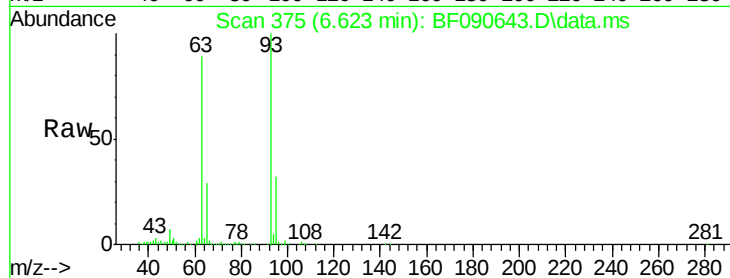




#11
bis(2-Chloroethyl)ether
Concen: 42.50 ng
RT: 6.623 min Scan# 37
Delta R.T. -0.023 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

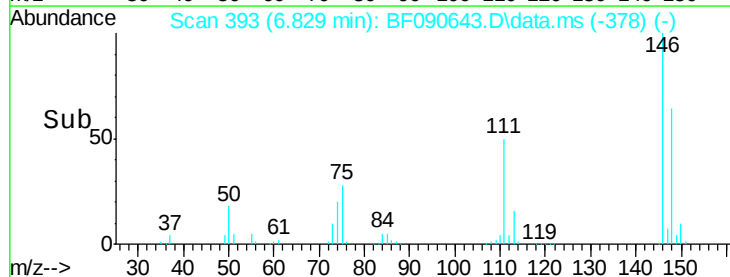
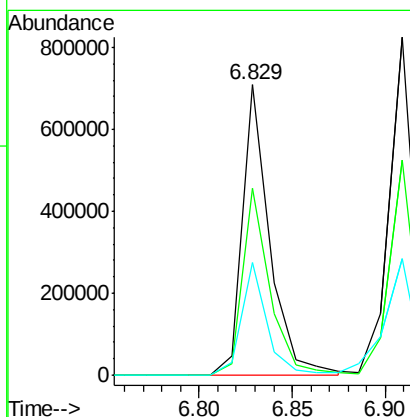
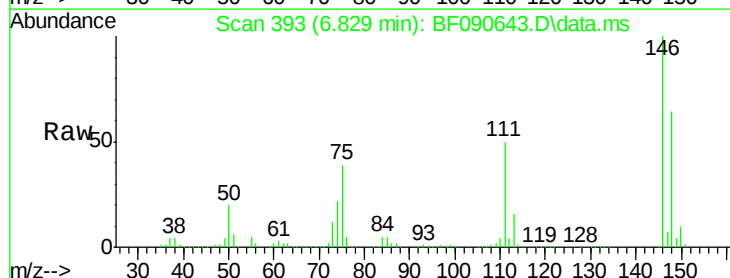
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

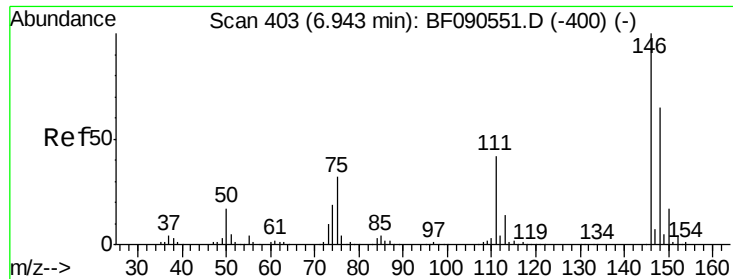
Tot Ion: 93 Resp: 802832
Ion Ratio Lower Upper
93 100
63 89.4 61.6 101.6
95 31.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.47 ng
RT: 6.829 min Scan# 393
Delta R.T. -0.023 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

Tgt Ion: 146 Resp: 722461
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
75 38.8 27.0 40.6

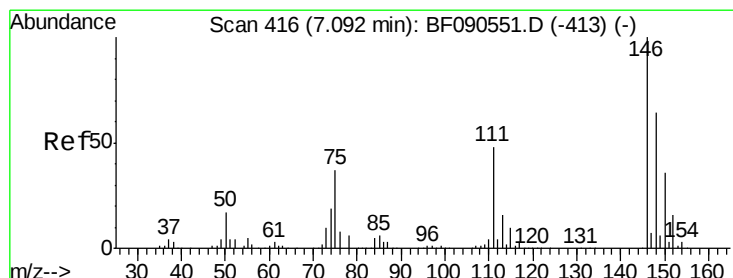
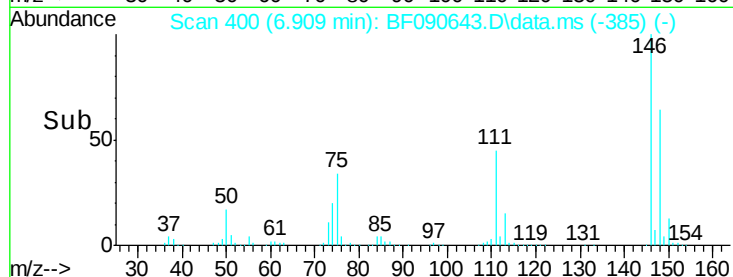
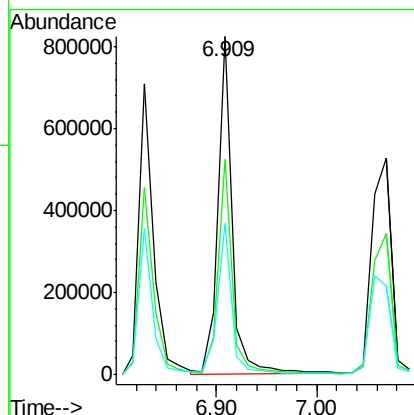
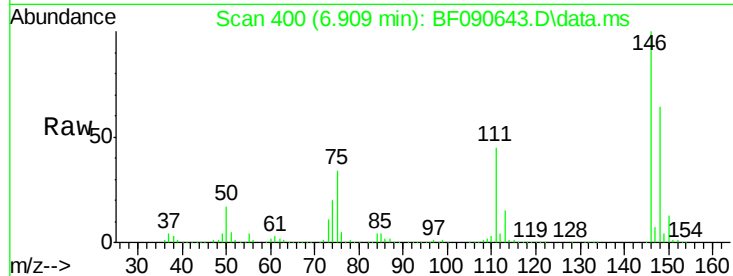




#13
 1,4-Dichlorobenzene
 Concen: 42.29 ng
 RT: 6.909 min Scan# 40
 Delta R.T. -0.023 min
 Lab File: BF090643.D
 Acq: 19 Oct 2016 13:14

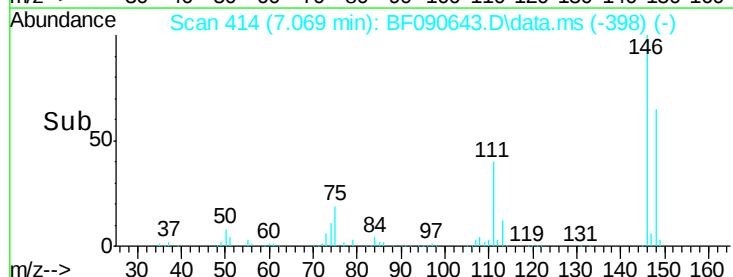
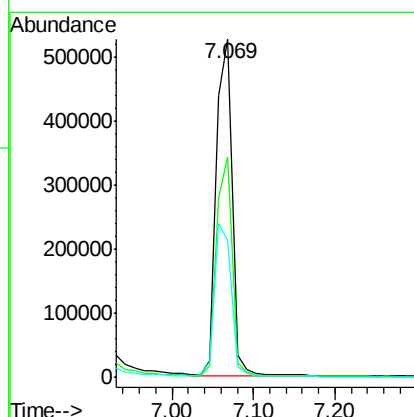
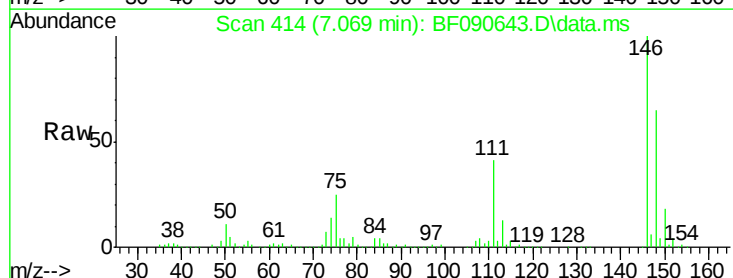
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

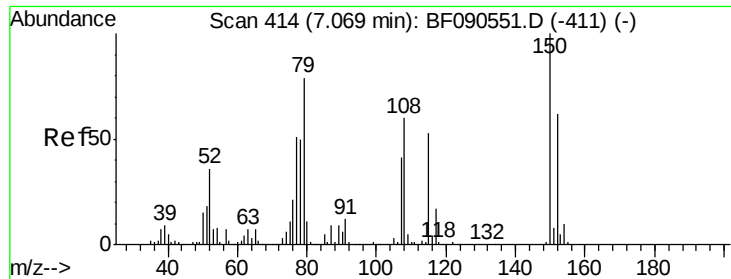
Tot Ion:146 Resp: 801385
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.9 77.9
 111 44.7 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 40.32 ng
 RT: 7.069 min Scan# 414
 Delta R.T. -0.011 min
 Lab File: BF090643.D
 Acq: 19 Oct 2016 13:14

Tgt Ion:146 Resp: 714166
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.2 76.8
 111 40.7 38.2 57.2





#15

Benzyl Alcohol

Concen: 45.00 ng

RT: 7.035 min Scan# 411

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

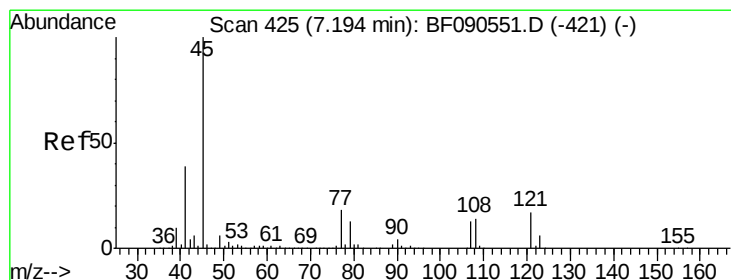
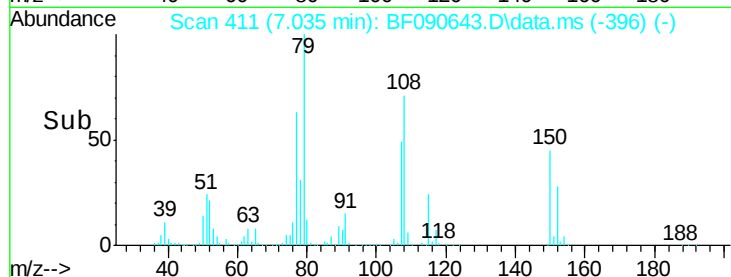
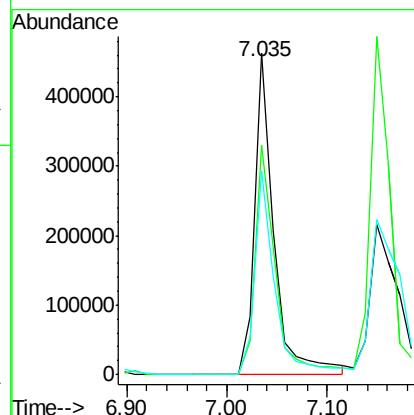
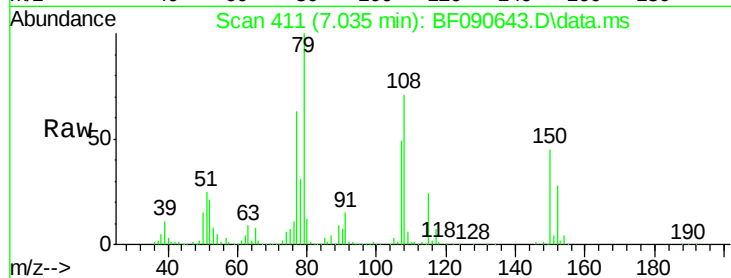
Tot Ion: 79 Resp: 613611

Ion Ratio Lower Upper

79 100

108 71.4 60.2 90.4

77 63.2 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.78 ng

RT: 7.172 min Scan# 423

Delta R.T. -0.011 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

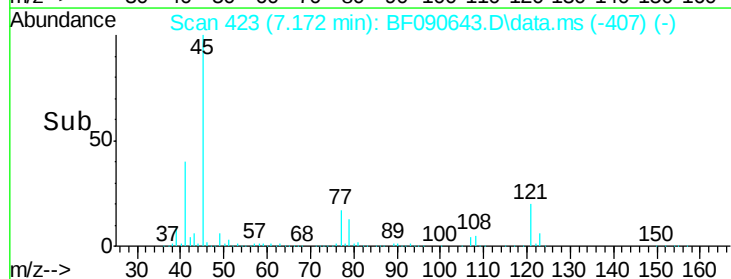
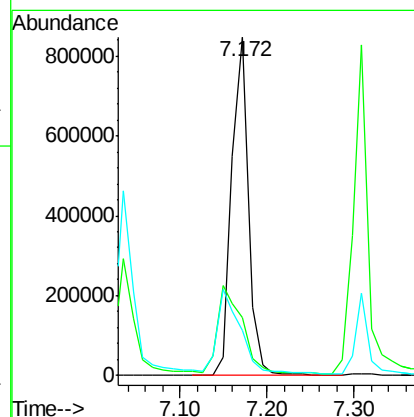
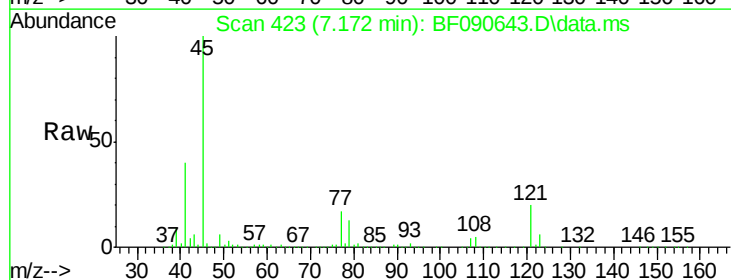
Tgt Ion: 45 Resp: 1137245

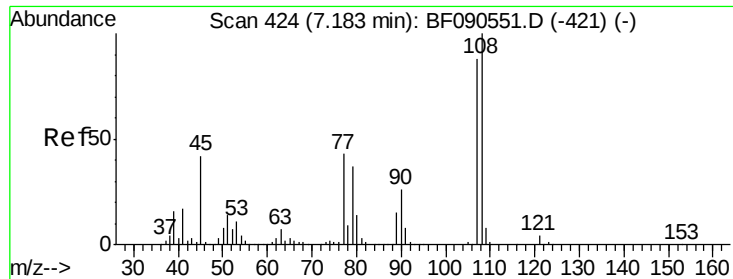
Ion Ratio Lower Upper

45 100

77 16.9 0.9 40.9

79 13.4 0.0 37.3

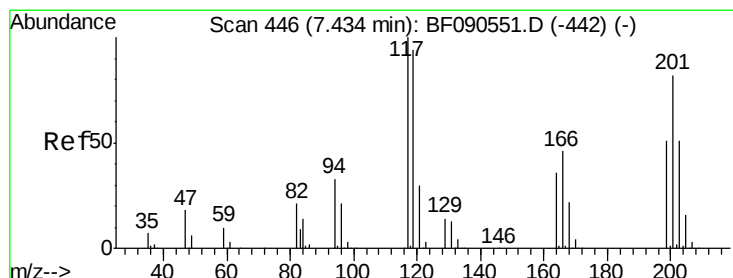
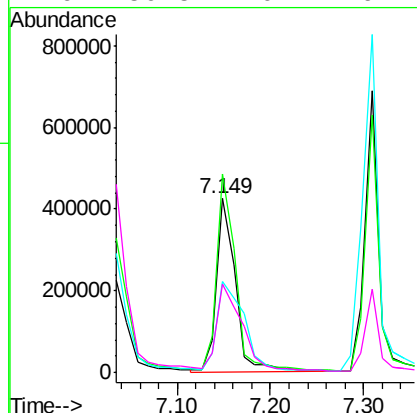
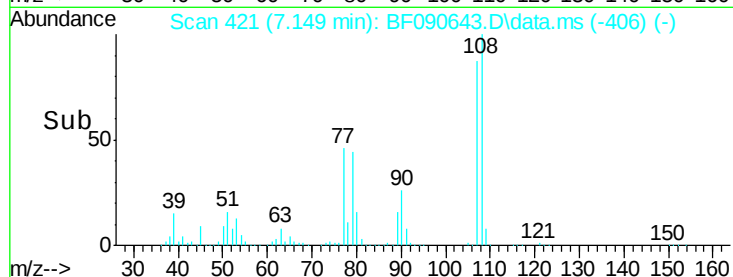
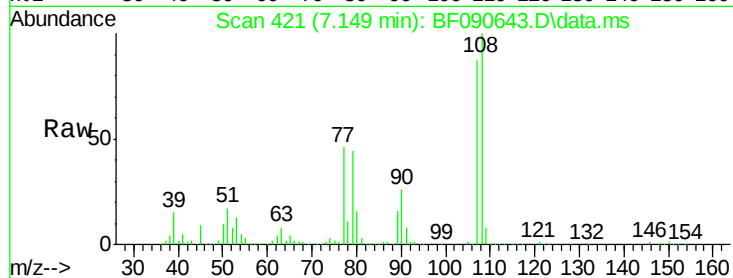




#17
2-Methylphenol
Concen: 43.31 ng
RT: 7.149 min Scan# 42
Delta R.T. -0.023 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

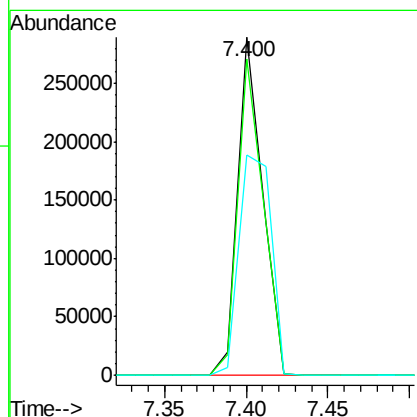
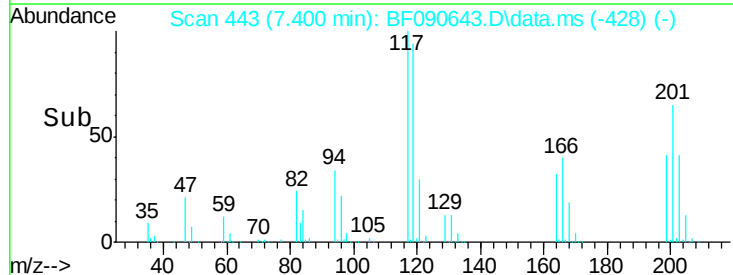
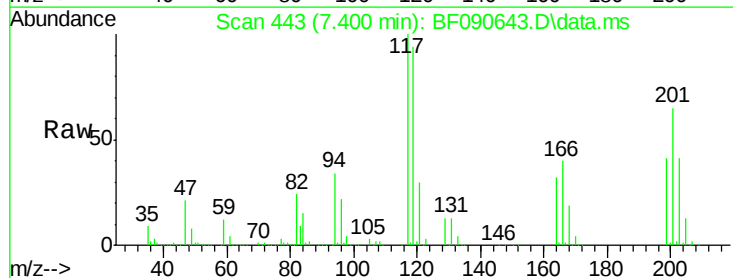
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

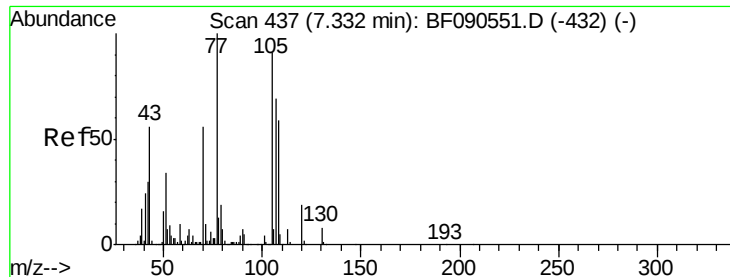
Tot Ion:	107	Resp:	589629
Ion	Ratio	Lower	Upper
107	100		
108	114.3	92.6	138.8
77	52.6	42.2	63.2
79	50.5	40.7	61.1



#18
Hexachloroethane
Concen: 40.41 ng
RT: 7.400 min Scan# 443
Delta R.T. -0.023 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

Tgt Ion:	117	Resp:	302559
Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.6	113.4
201	65.1	65.4	98.0#

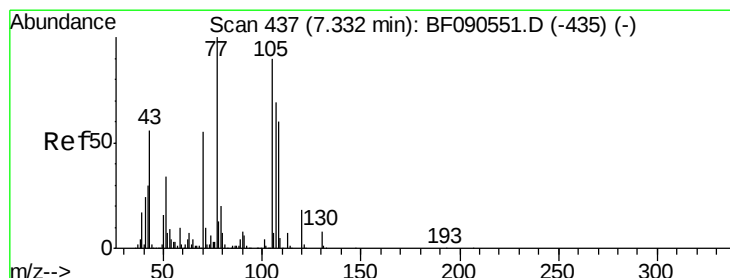
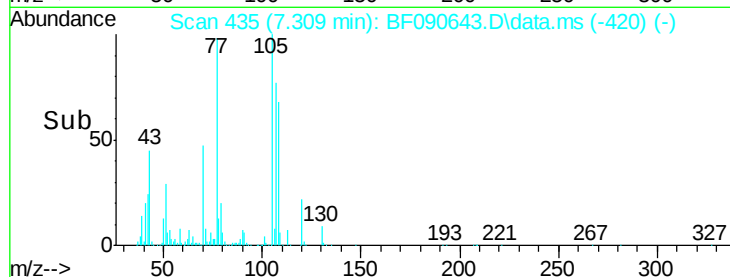
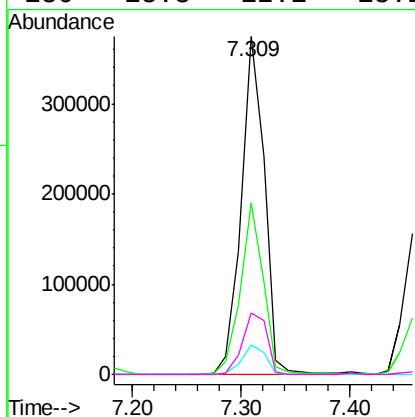
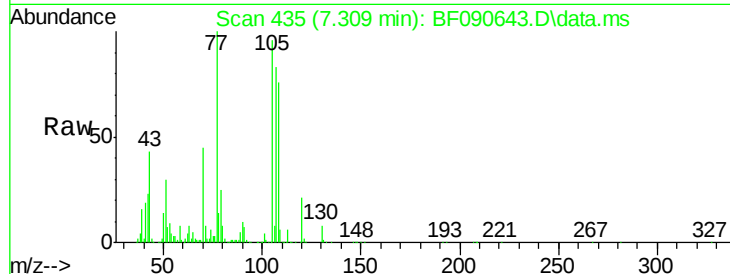




#19
n-Nitroso-di-n-propylamine
Concen: 40.05 ng
RT: 7.309 min Scan# 43
Delta R.T. -0.023 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

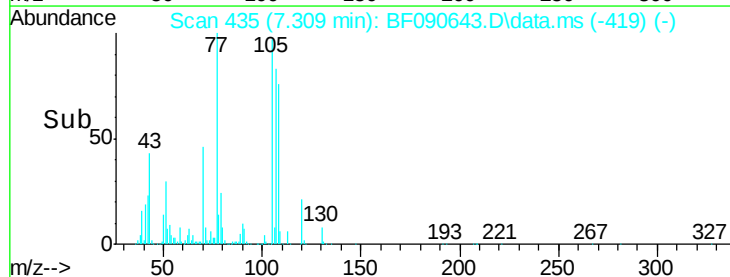
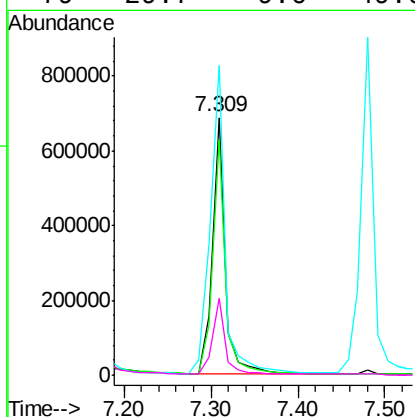
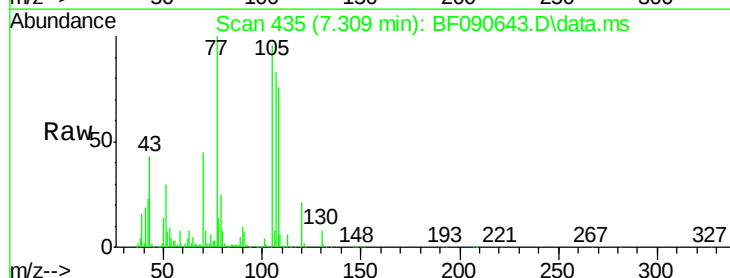
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

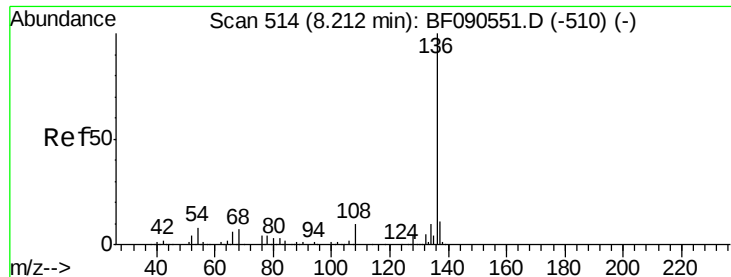
Tot Ion: 70 Resp: 549758
Ion Ratio Lower Upper
70 100
42 50.9 43.4 65.0
101 8.7 6.4 9.6
130 18.3 12.1 18.1#



#20
3+4-Methylphenols
Concen: 42.75 ng
RT: 7.309 min Scan# 435
Delta R.T. -0.011 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

Tgt Ion: 107 Resp: 705622
Ion Ratio Lower Upper
107 100
108 91.3 67.7 107.7
77 120.0 123.1 163.1#
79 29.7 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.178 min Scan# 51

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1086968

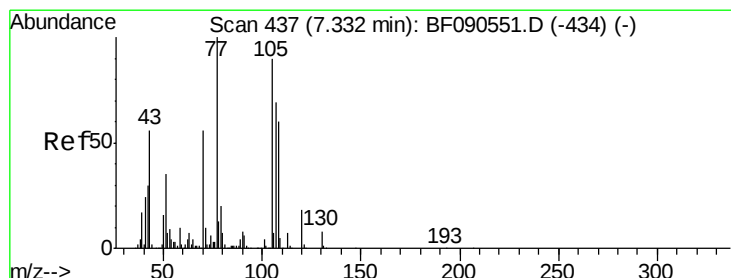
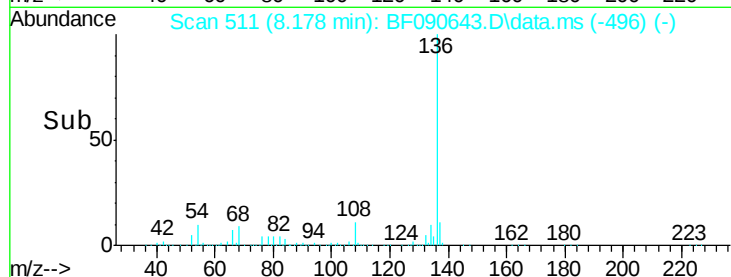
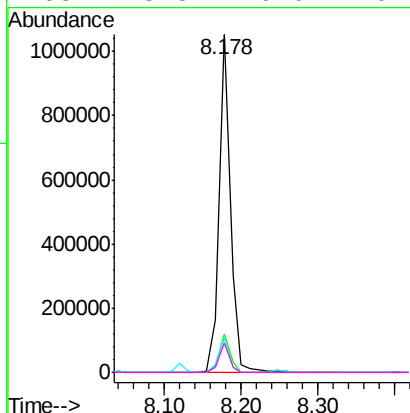
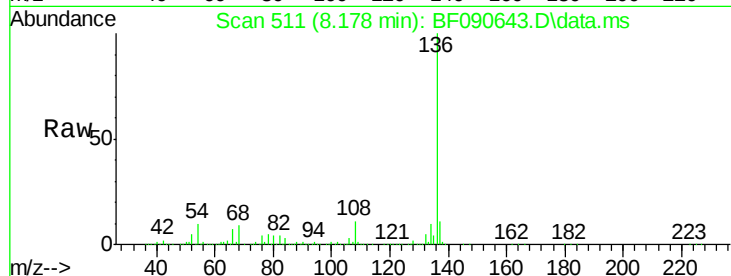
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 10.2 6.8 10.2

68 8.8 6.0 9.0



#22

Acetophenone

Concen: 40.76 ng

RT: 7.309 min Scan# 435

Delta R.T. -0.011 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Tgt Ion:105 Resp: 978719

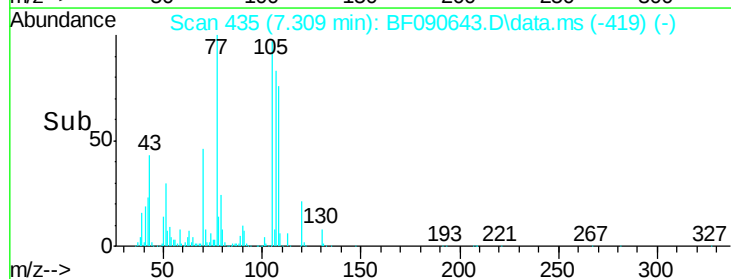
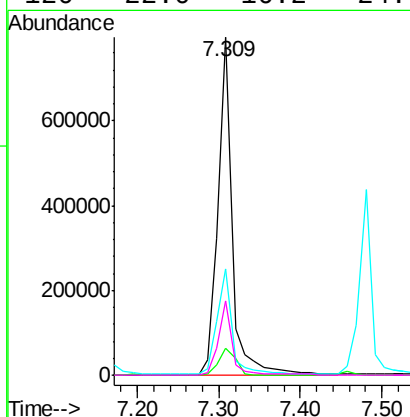
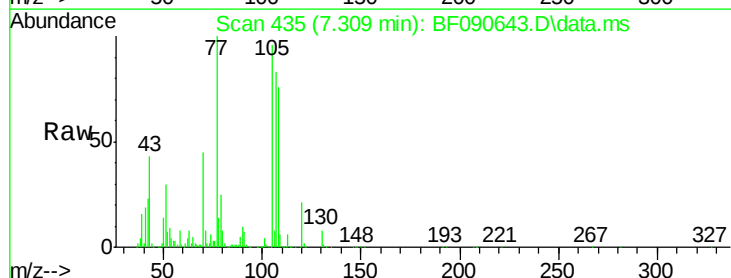
Ion Ratio Lower Upper

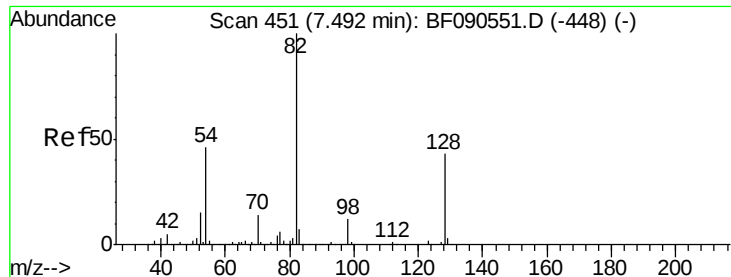
105 100

71 8.0 8.5 12.7#

51 31.5 31.0 46.4

120 22.0 16.2 24.4

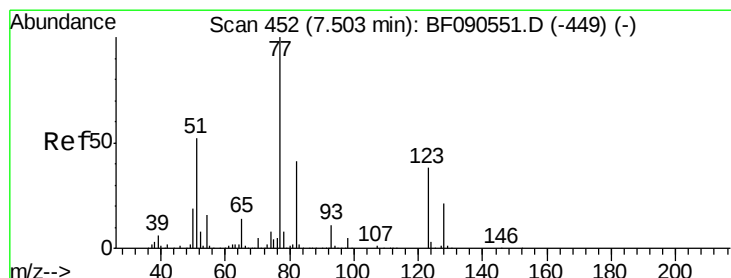
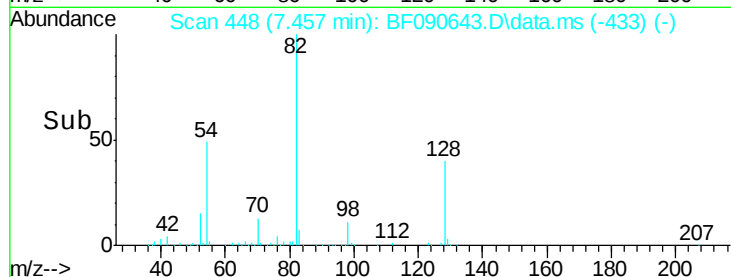
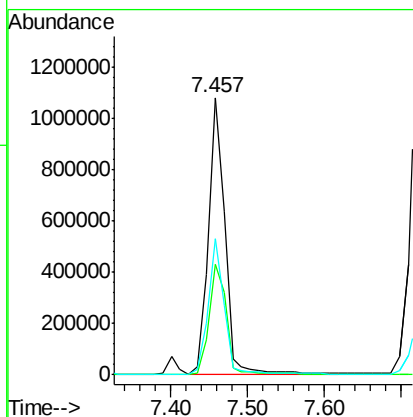
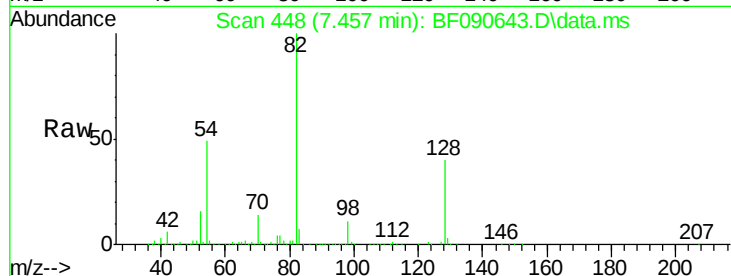




#23
 Nitrobenzene-d5
 Concen: 81.75 ng
 RT: 7.457 min Scan# 44
 Delta R.T. -0.023 min
 Lab File: BF090643.D
 Acq: 19 Oct 2016 13:14

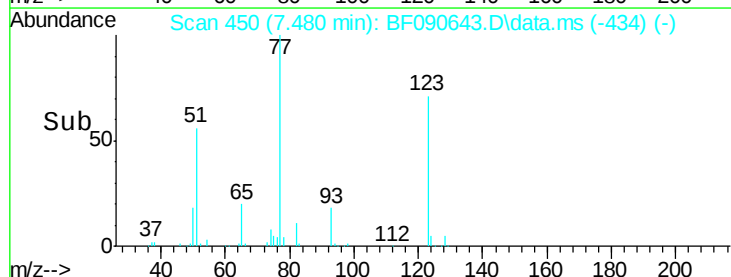
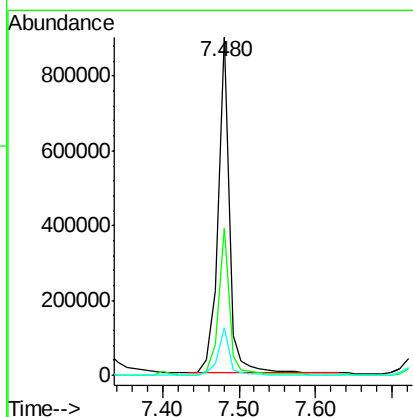
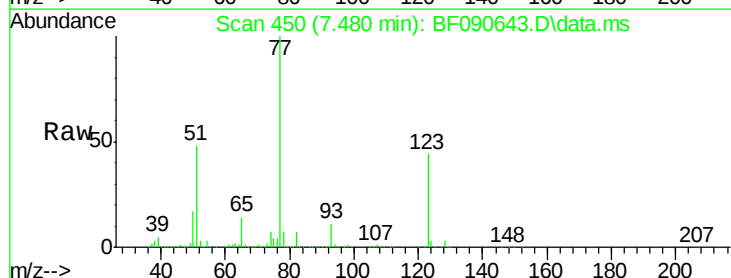
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

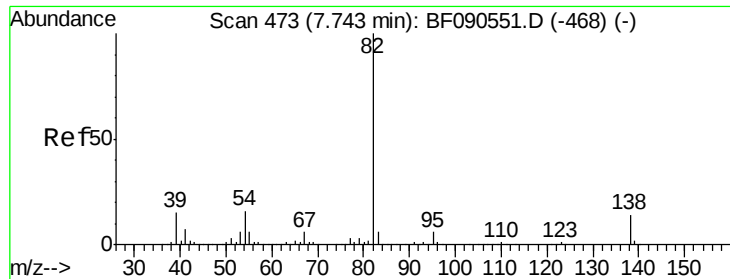
Tot Ion: 82 Resp: 1599683
 Ion Ratio Lower Upper
 82 100
 128 39.9 34.3 51.5
 54 49.3 37.0 55.6



#24
 Nitrobenzene
 Concen: 46.23 ng
 RT: 7.480 min Scan# 450
 Delta R.T. -0.011 min
 Lab File: BF090643.D
 Acq: 19 Oct 2016 13:14

Tgt Ion: 77 Resp: 928314
 Ion Ratio Lower Upper
 77 100
 123 43.7 29.8 44.6
 65 13.9 10.9 16.3





#25

Isophorone

Concen: 42.28 ng

RT: 7.720 min Scan# 47

Delta R.T. -0.011 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

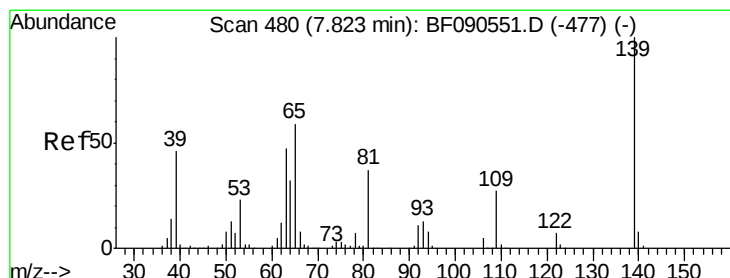
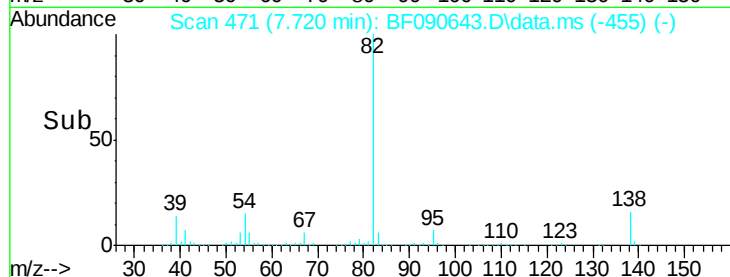
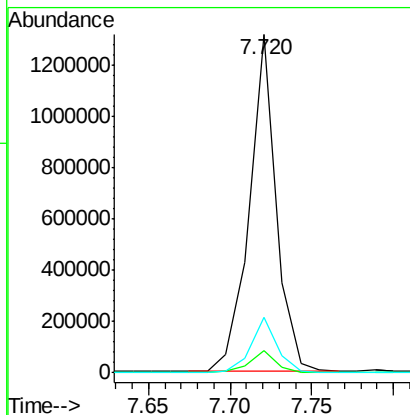
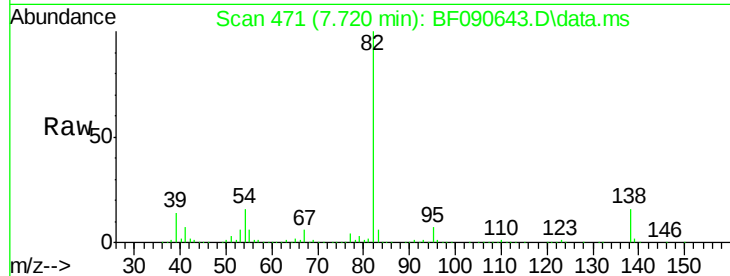
Tot Ion: 82 Resp: 1505674

Ion Ratio Lower Upper

82 100

95 6.6 5.0 7.6

138 16.2 11.5 17.3



#26

2-Nitrophenol

Concen: 42.01 ng

RT: 7.800 min Scan# 478

Delta R.T. -0.011 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

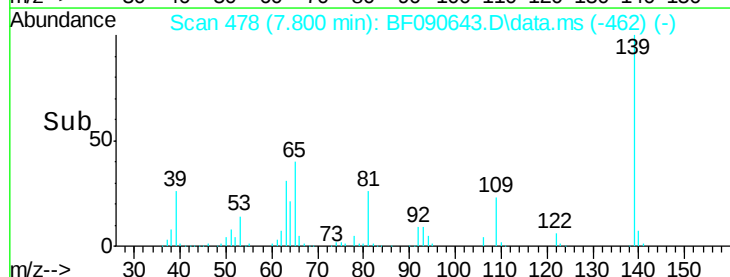
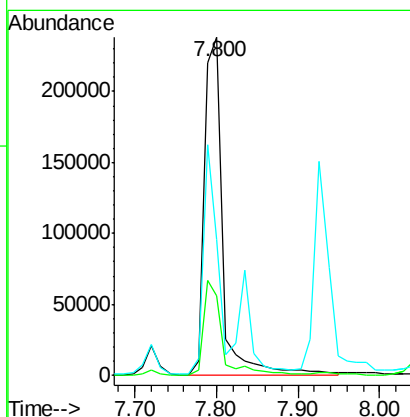
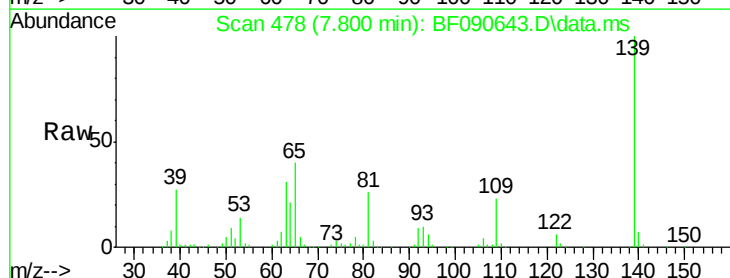
Tgt Ion: 139 Resp: 382686

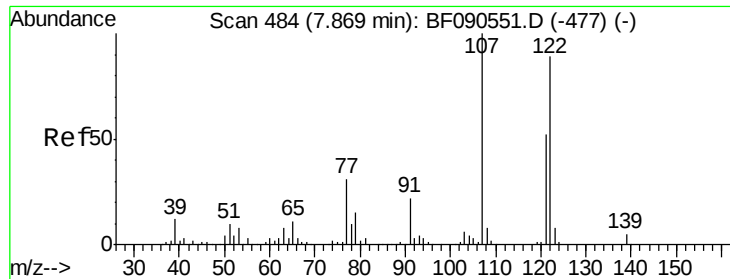
Ion Ratio Lower Upper

139 100

109 23.5 21.8 32.6

65 40.0 47.7 71.5#





#27

2,4-Dimethylphenol

Concen: 41.11 ng

RT: 7.835 min Scan# 481

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

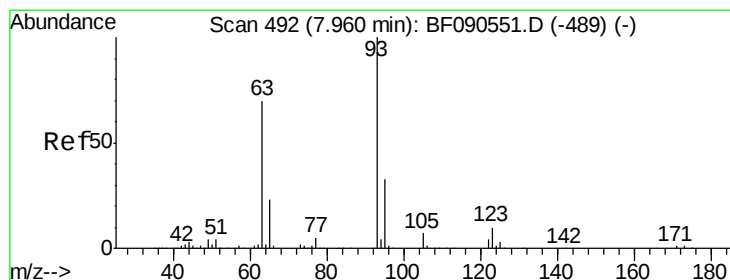
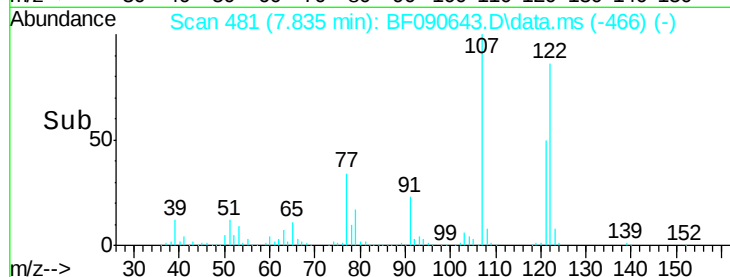
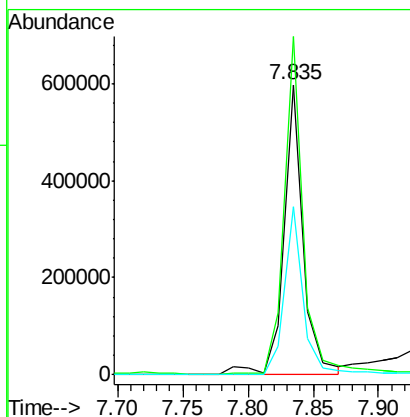
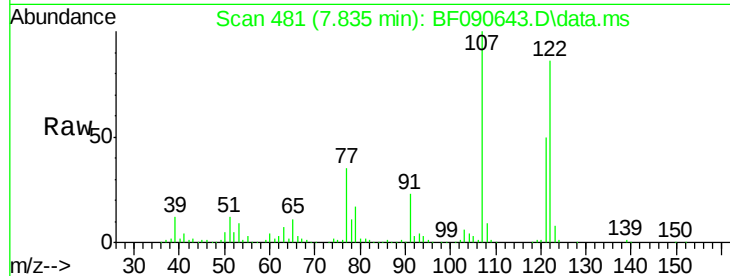
Tot Ion:122 Resp: 621456

Ion Ratio Lower Upper

122 100

107 116.6 89.8 134.6

121 57.8 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 38.84 ng

RT: 7.926 min Scan# 489

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

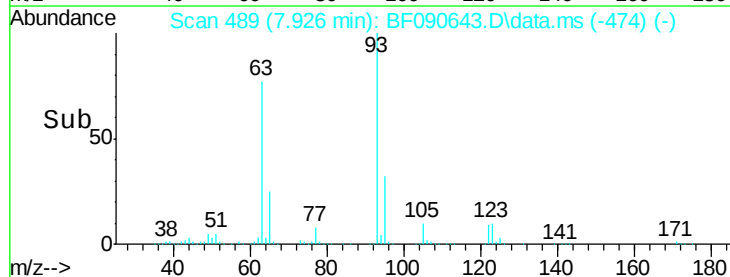
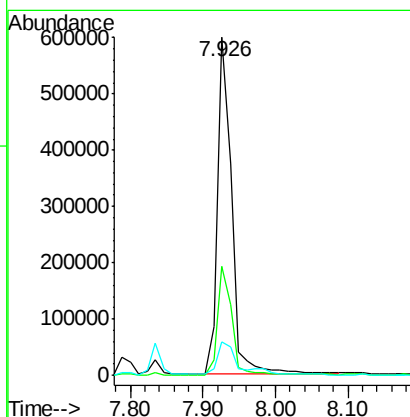
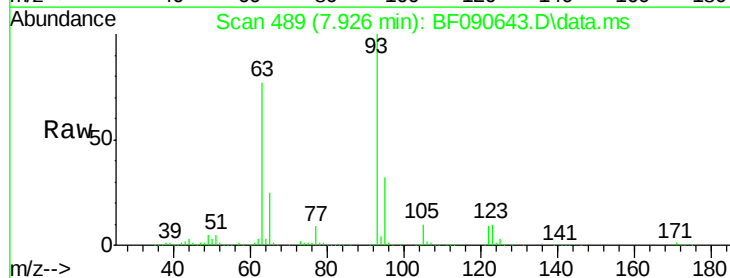
Tgt Ion: 93 Resp: 816779

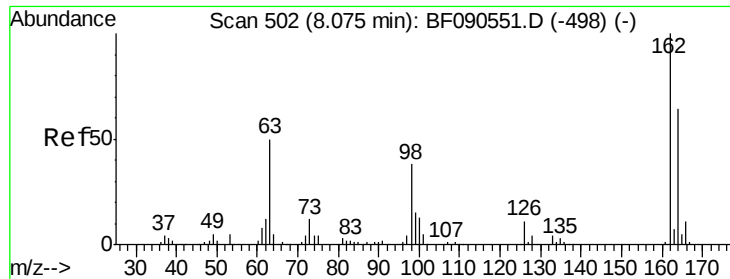
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

123 10.1 8.6 13.0

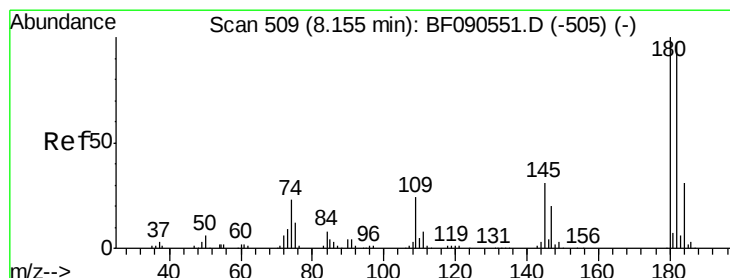
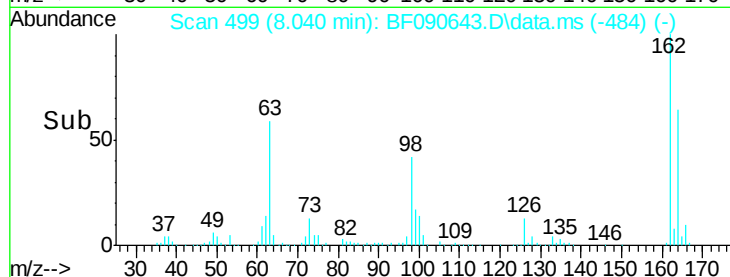
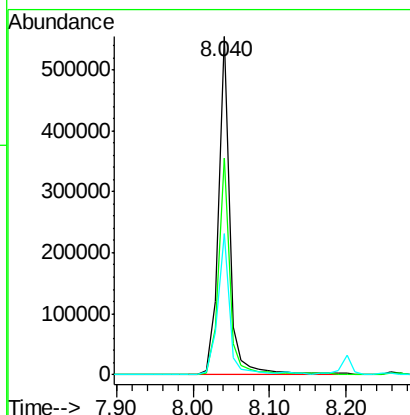
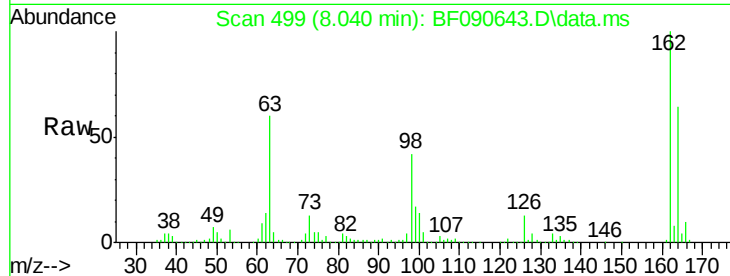




#29
 2,4-Dichlorophenol
 Concen: 43.22 ng
 RT: 8.040 min Scan# 49
 Delta R.T. -0.023 min
 Lab File: BF090643.D
 Acq: 19 Oct 2016 13:14

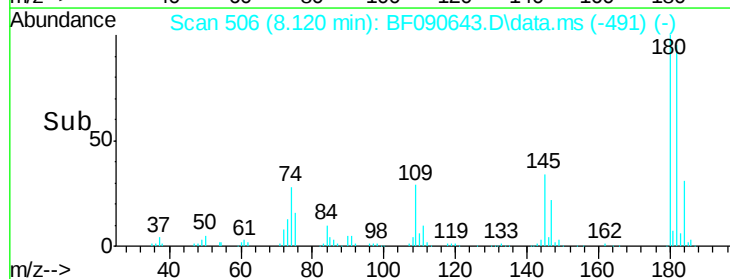
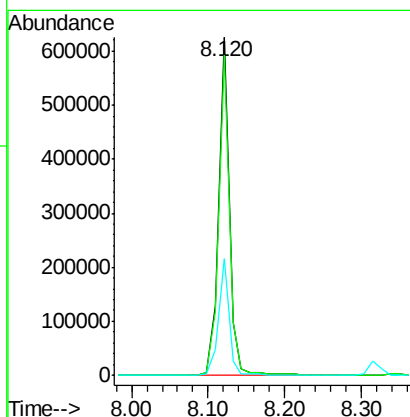
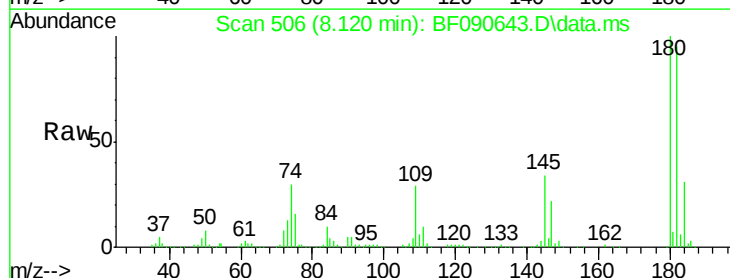
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

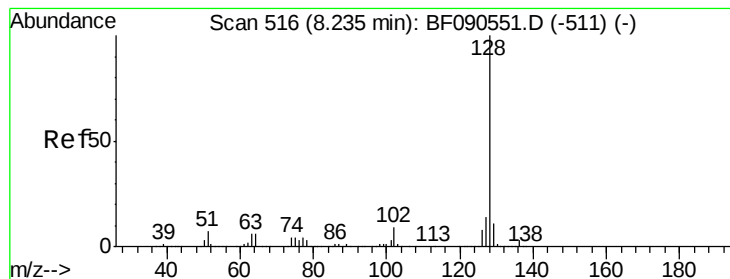
Tot Ion:162 Resp: 572252
 Ion Ratio Lower Upper
 162 100
 164 64.0 44.0 84.0
 98 41.8 18.0 58.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.40 ng
 RT: 8.120 min Scan# 506
 Delta R.T. -0.023 min
 Lab File: BF090643.D
 Acq: 19 Oct 2016 13:14

Tgt Ion:180 Resp: 611124
 Ion Ratio Lower Upper
 180 100
 182 94.6 77.2 115.8
 145 34.4 24.4 36.6





#31

Naphthalene

Concen: 35.73 ng

RT: 8.200 min Scan# 51

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

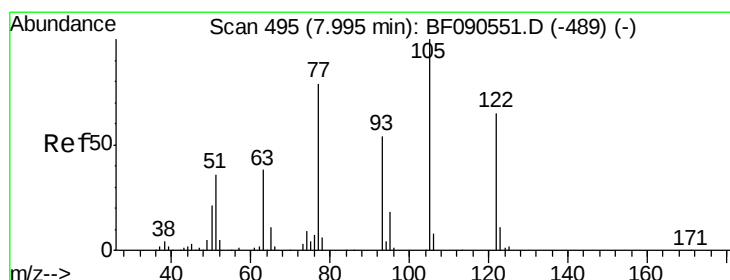
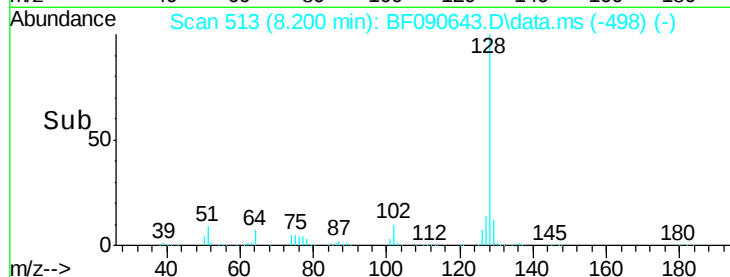
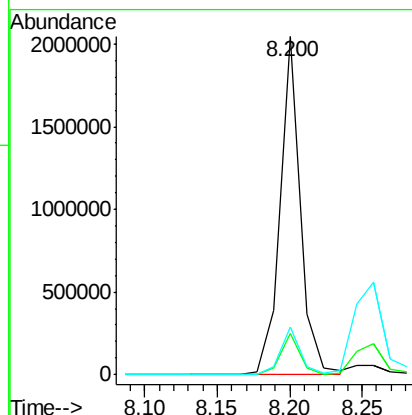
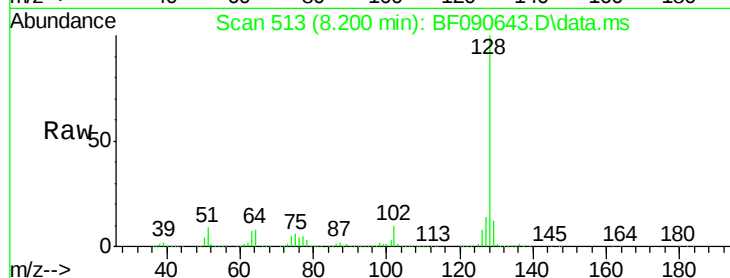
Tot Ion:128 Resp: 1978536

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

127 14.0 10.8 16.2



#32

Benzoic acid

Concen: 49.63 ng

RT: 7.983 min Scan# 494

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

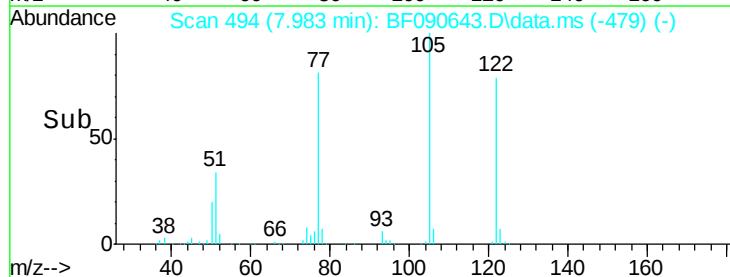
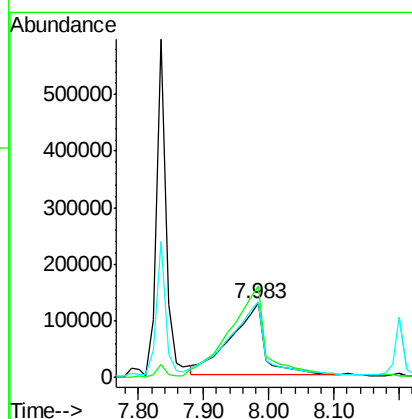
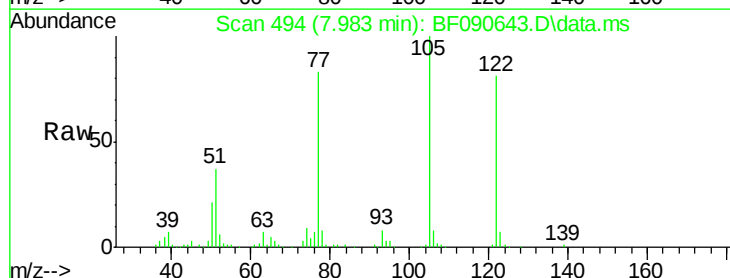
Tgt Ion:122 Resp: 460867

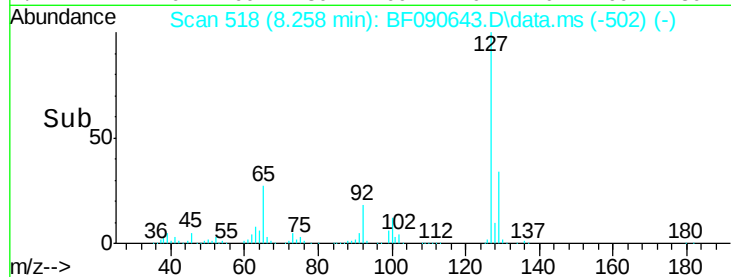
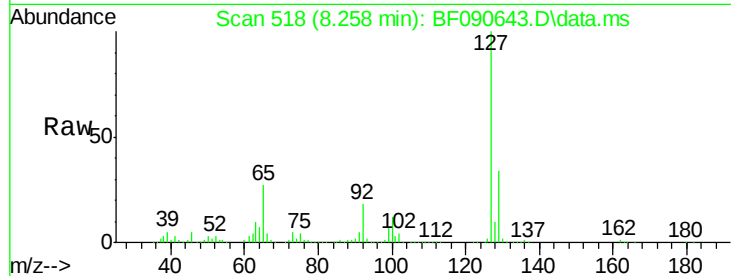
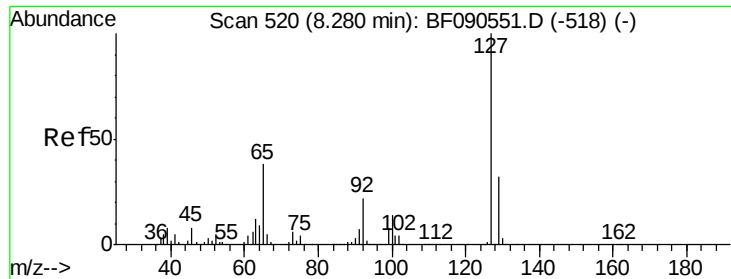
Ion Ratio Lower Upper

122 100

105 123.8 101.1 141.1

77 102.8 84.7 124.7

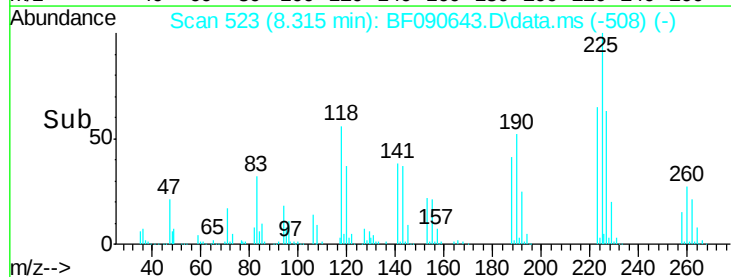
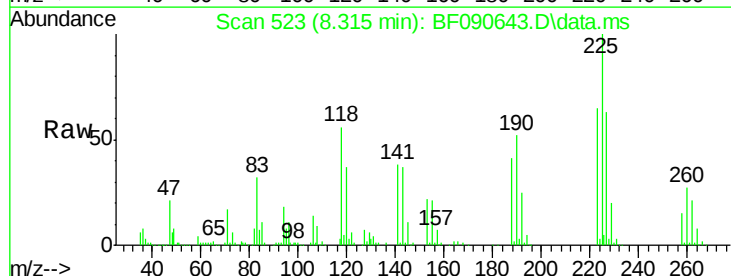
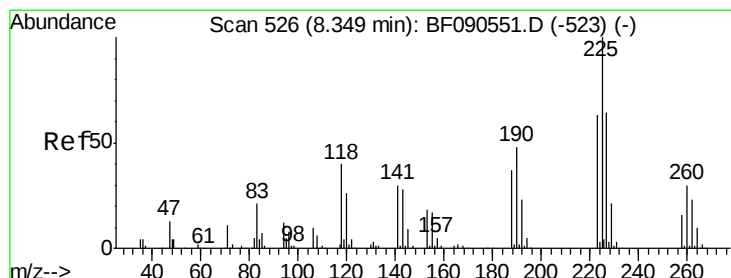
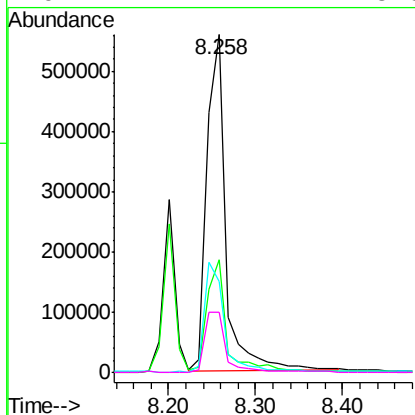




#33
4-Chloroaniline
Concen: 40.01 ng
RT: 8.258 min Scan# 51
Delta R.T. -0.011 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

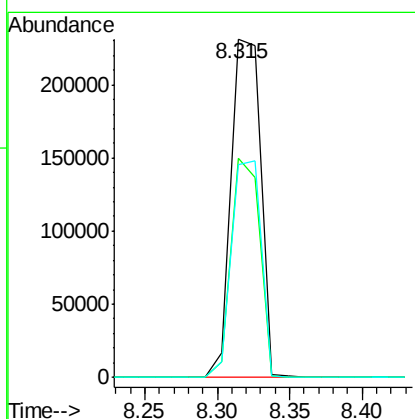
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

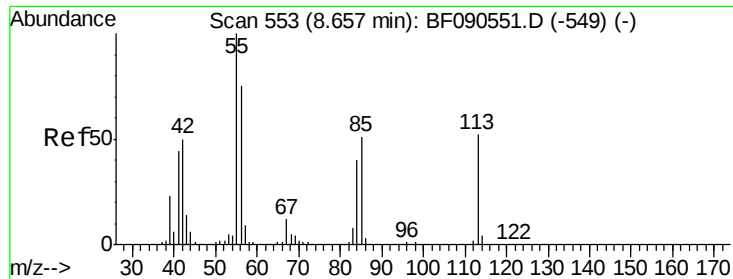
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.2	39.2
65	26.9	30.1	45.1#
92	17.7	17.2	25.8



#34
Hexachlorobutadiene
Concen: 37.76 ng
RT: 8.315 min Scan# 523
Delta R.T. -0.023 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	76.0
227	62.8	51.4	77.2





#35

Caprolactam

Concen: 45.01 ng

RT: 8.635 min Scan# 551

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

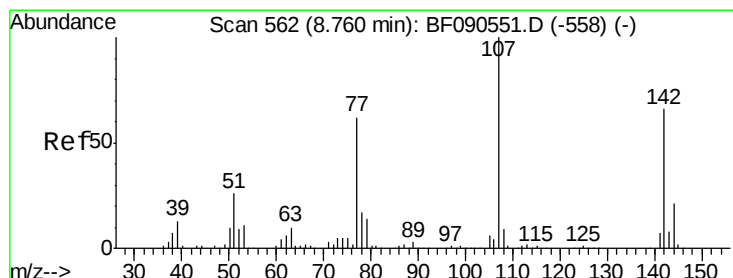
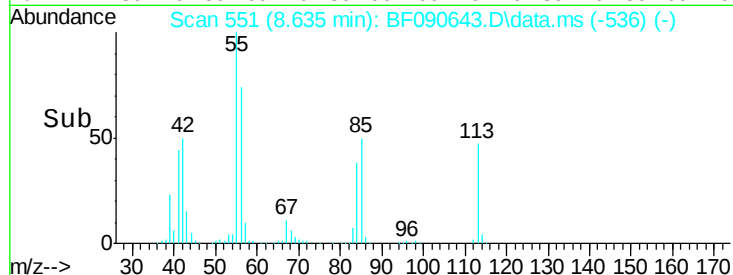
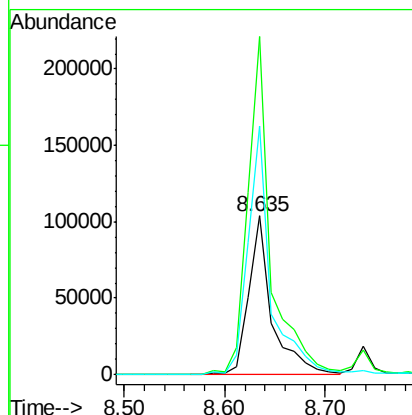
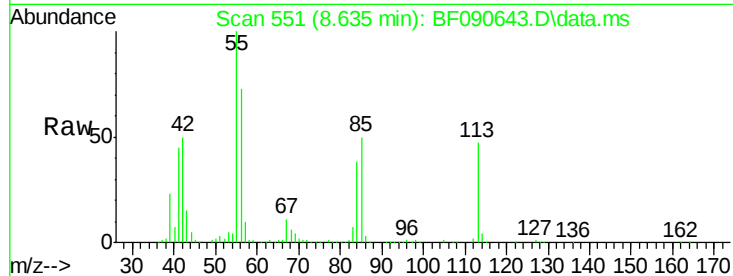
Tot Ion:113 Resp: 166351

Ion Ratio Lower Upper

113 100

55 213.0 170.8 210.8#

56 156.4 122.4 162.4



#36

4-Chloro-3-methylphenol

Concen: 41.58 ng

RT: 8.738 min Scan# 560

Delta R.T. -0.011 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

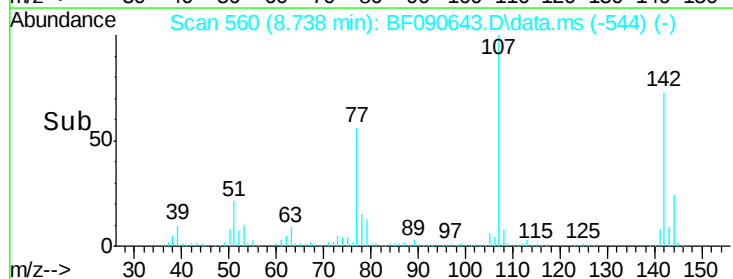
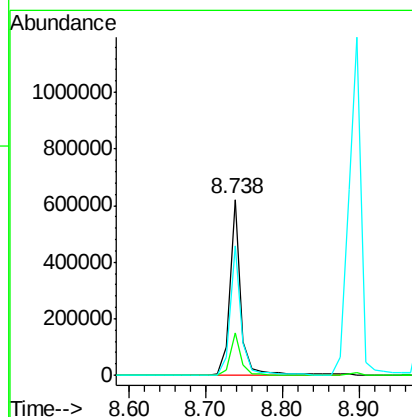
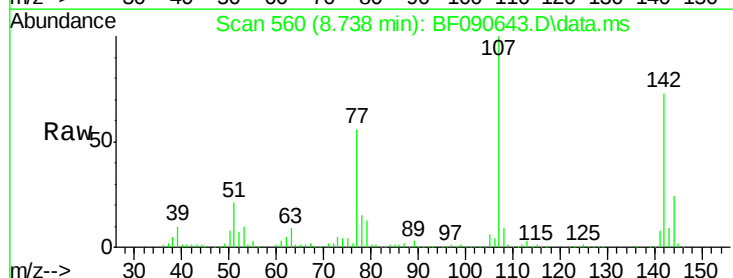
Tgt Ion:107 Resp: 635295

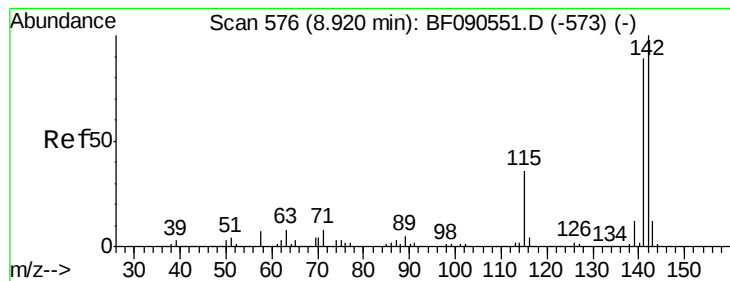
Ion Ratio Lower Upper

107 100

144 24.1 16.9 25.3

142 73.4 52.5 78.7





#37

2-Methylnaphthalene

Concen: 41.97 ng

RT: 8.898 min Scan# 57

Delta R.T. -0.011 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

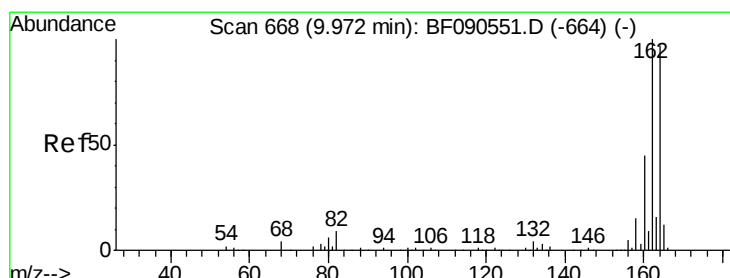
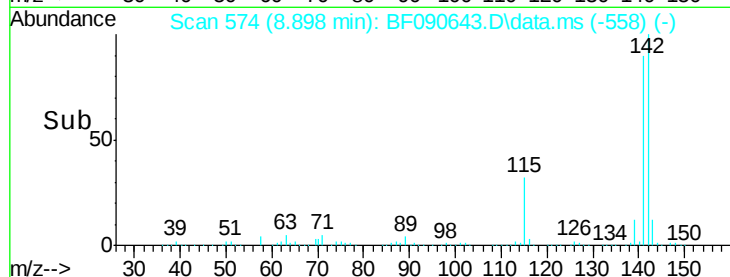
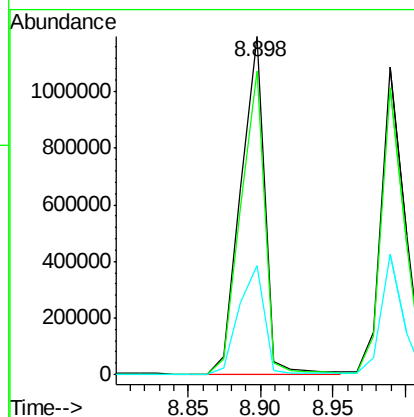
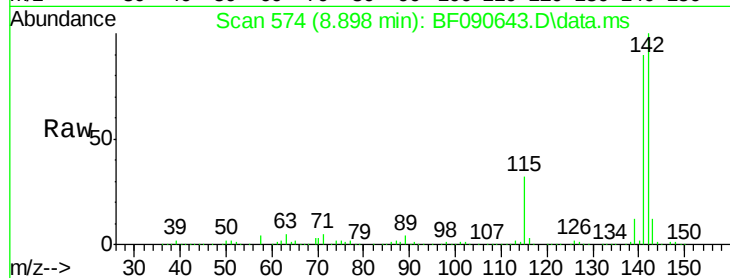
Tot Ion:142 Resp: 1364772

Ion Ratio Lower Upper

142 100

141 89.9 71.3 106.9

115 32.4 28.8 43.2



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.938 min Scan# 665

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

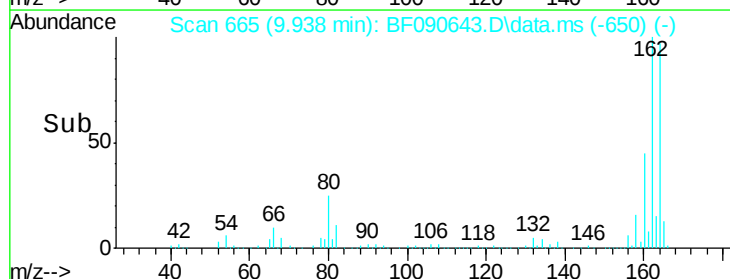
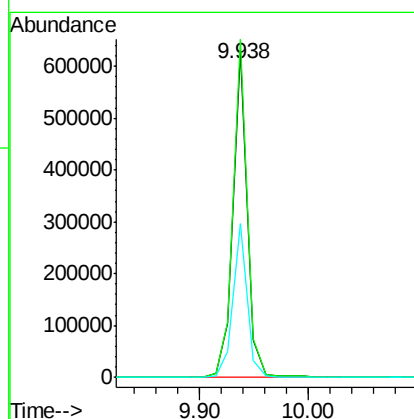
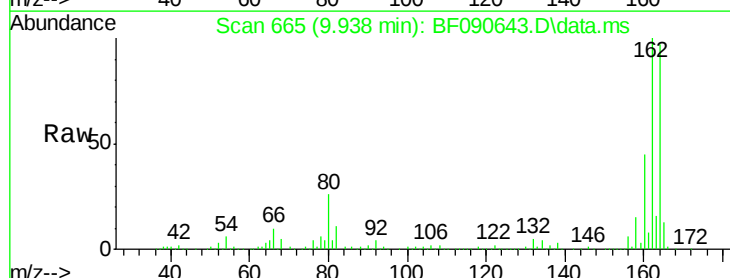
Tgt Ion:164 Resp: 566808

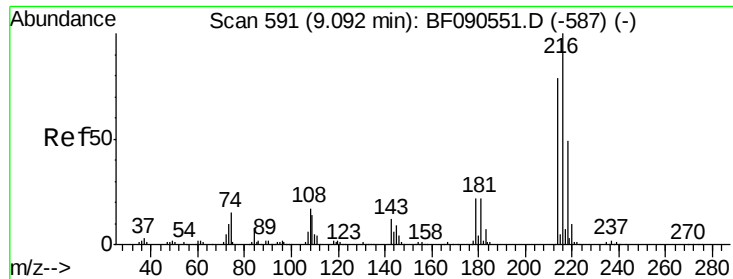
Ion Ratio Lower Upper

164 100

162 103.5 82.2 123.4

160 47.0 36.6 55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.38 ng

RT: 9.058 min Scan# 58

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 561749

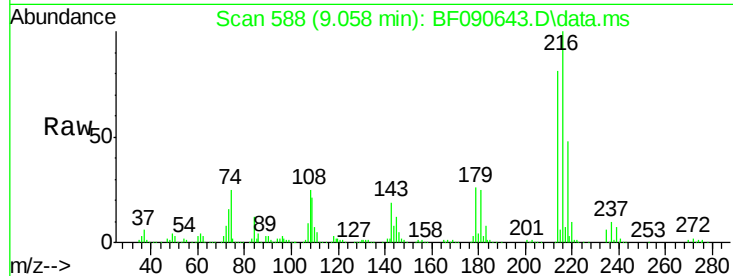
Ion Ratio Lower Upper

216 100

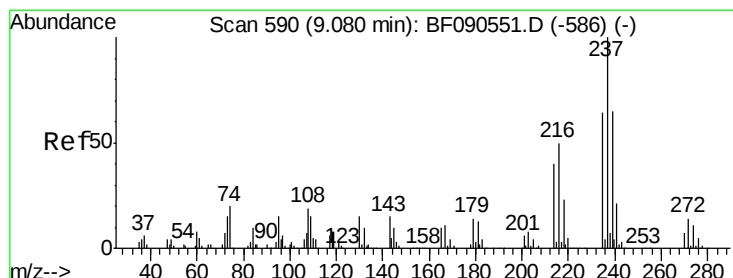
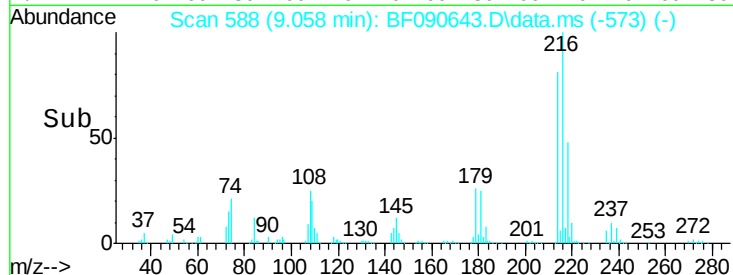
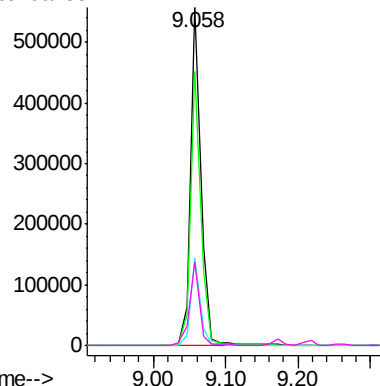
214 79.7 63.5 95.3

179 24.2 18.9 28.3

108 23.4 17.8 26.6



Abundance



#40

Hexachlorocyclopentadiene

Concen: 37.17 ng

RT: 9.046 min Scan# 587

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

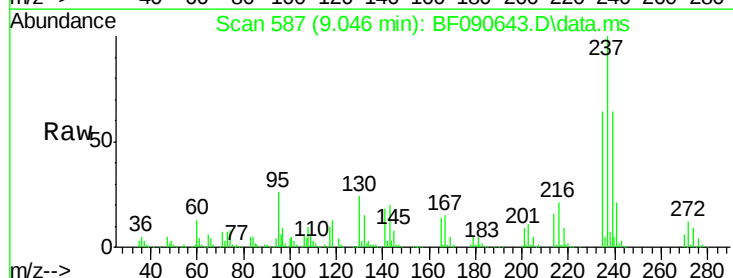
Tgt Ion:237 Resp: 272883

Ion Ratio Lower Upper

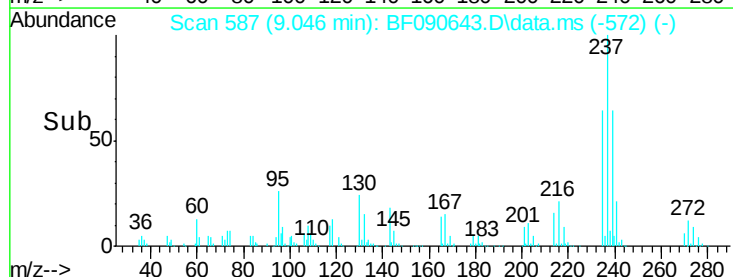
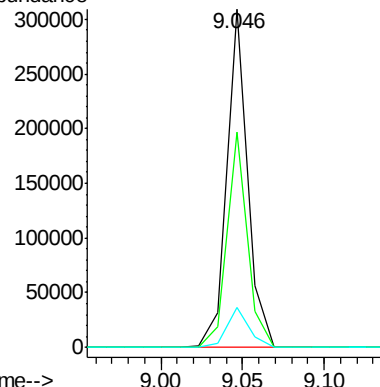
237 100

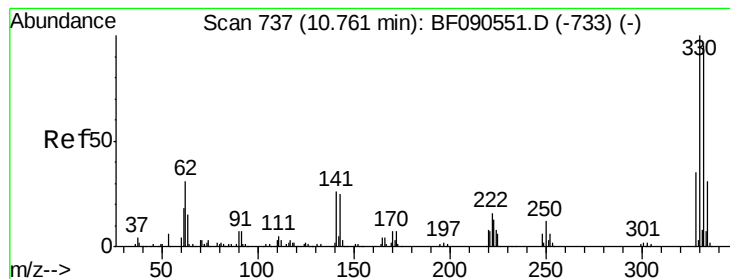
235 63.6 43.8 83.8

272 11.8 0.0 33.7



Abundance





#41

2,4,6-Tribromophenol

Concen: 74.74 ng

RT: 10.726 min Scan# 73

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

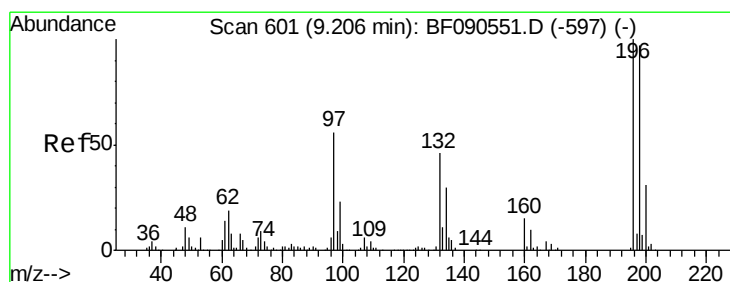
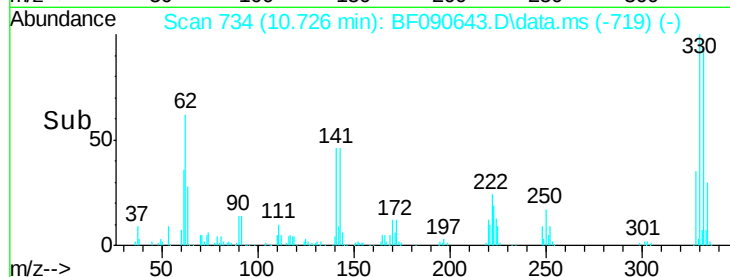
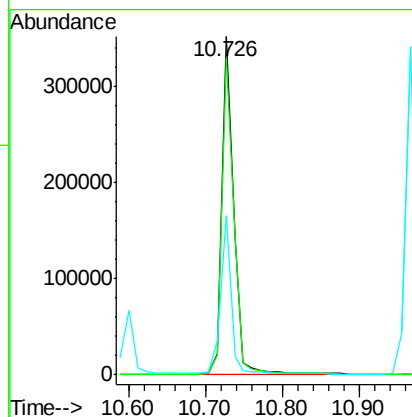
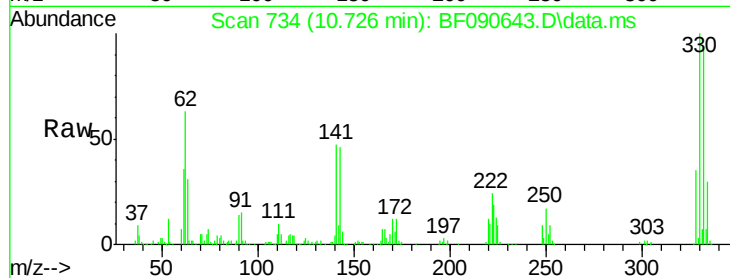
Tot Ion:330 Resp: 377700

Ion Ratio Lower Upper

330 100

332 95.2 76.2 114.2

141 42.0 31.4 47.2



#42

2,4,6-Trichlorophenol

Concen: 44.62 ng

RT: 9.172 min Scan# 598

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

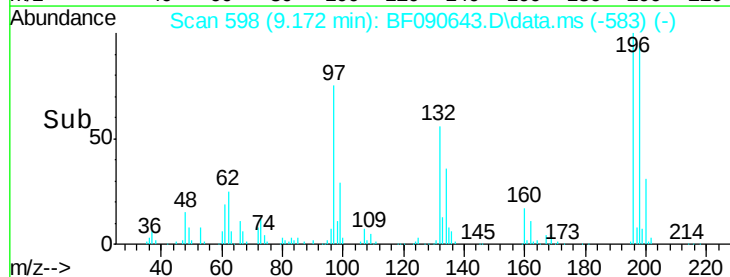
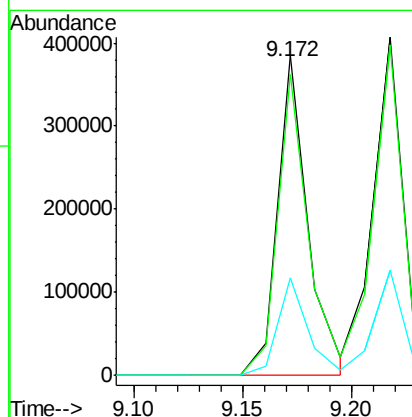
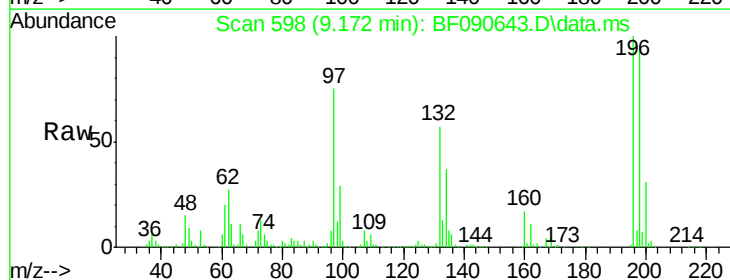
Tgt Ion:196 Resp: 378247

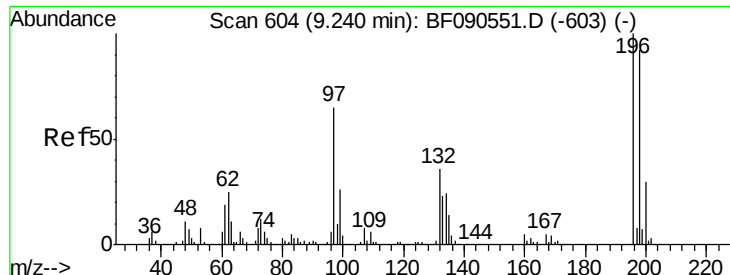
Ion Ratio Lower Upper

196 100

198 93.7 77.9 116.9

200 30.5 25.1 37.7

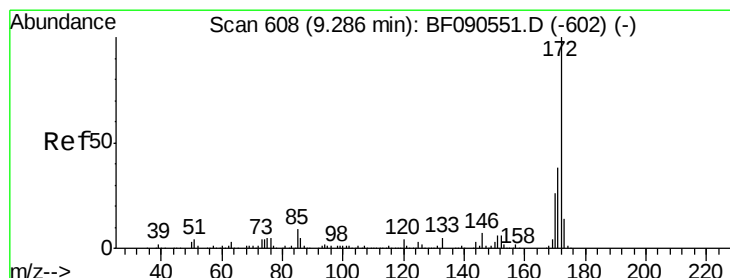
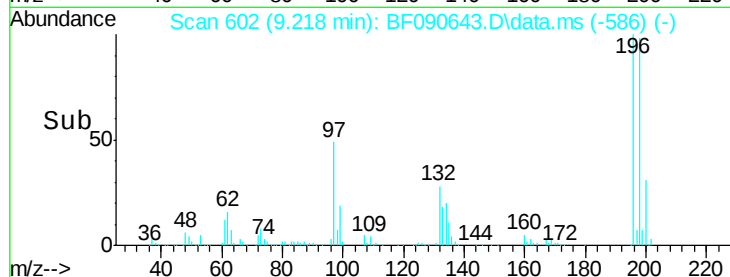
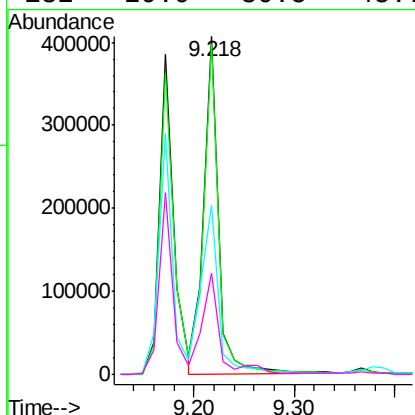
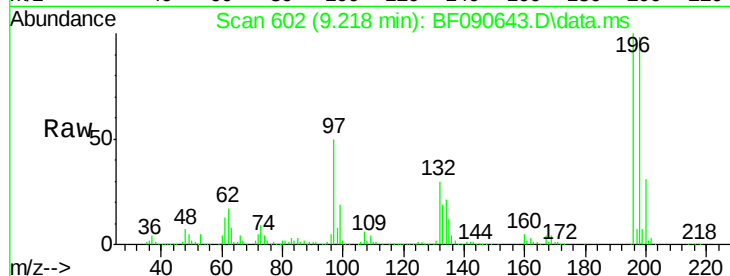




#43
2,4,5-Trichlorophenol
Concen: 40.81 ng
RT: 9.218 min Scan# 604
Delta R.T. -0.011 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

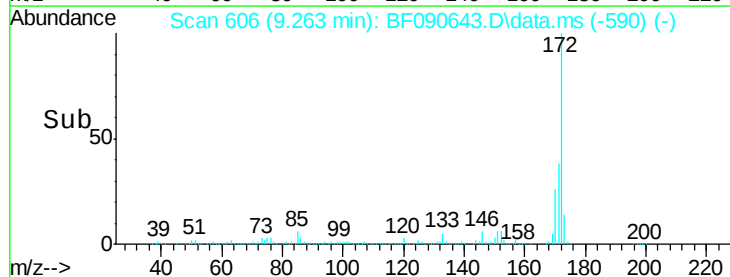
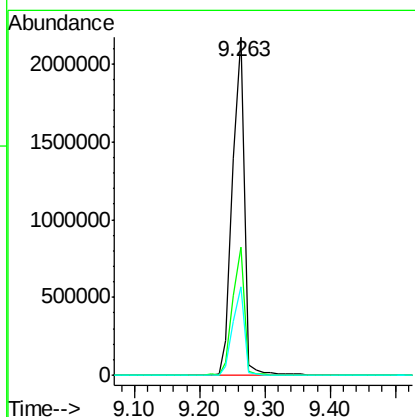
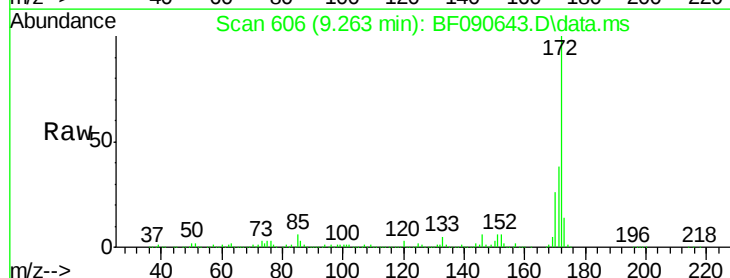
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

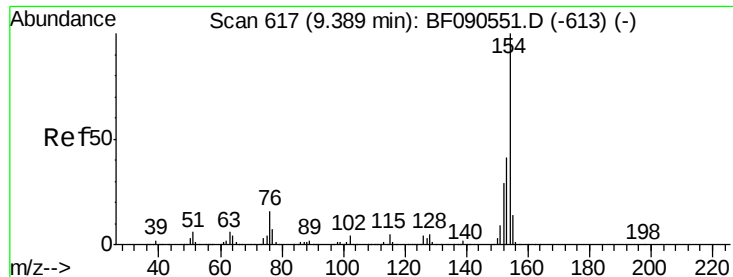
Tot Ion:196 Resp: 412728
Ion Ratio Lower Upper
196 100
198 97.8 74.0 111.0
97 50.1 54.7 82.1#
132 29.9 30.5 45.7#



#44
2-Fluorobiphenyl
Concen: 79.44 ng
RT: 9.263 min Scan# 606
Delta R.T. -0.011 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

Tgt Ion:172 Resp: 2732779
Ion Ratio Lower Upper
172 100
171 37.8 30.1 45.1
170 26.1 20.6 30.8

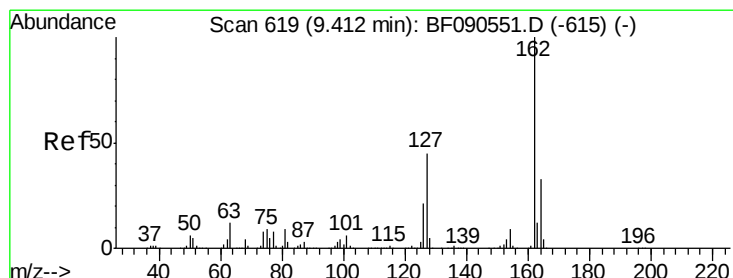
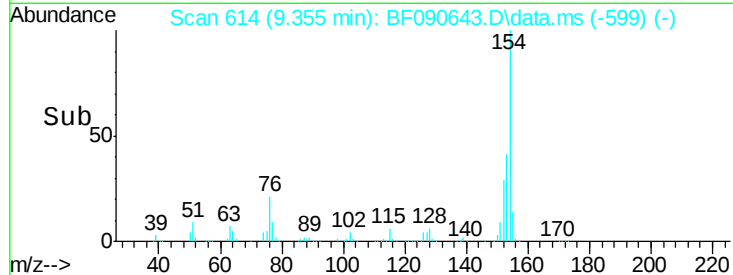
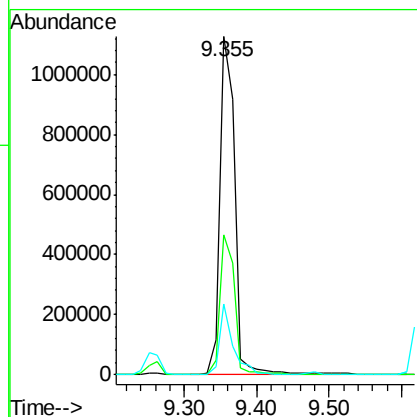
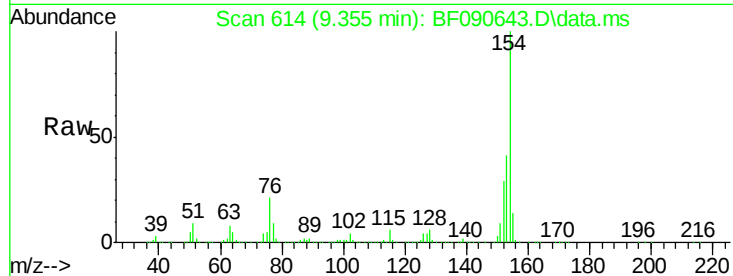




#45
 1,1'-Biphenyl
 Concen: 36.95 ng
 RT: 9.355 min Scan# 61
 Delta R.T. -0.023 min
 Lab File: BF090643.D
 Acq: 19 Oct 2016 13:14

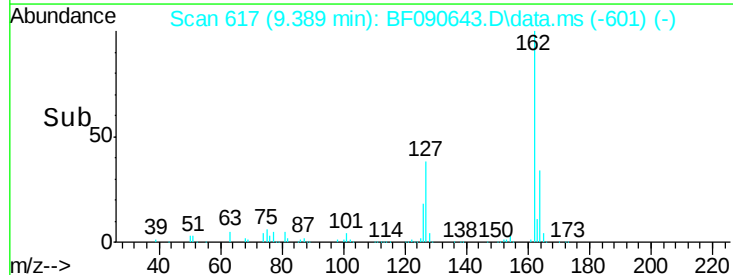
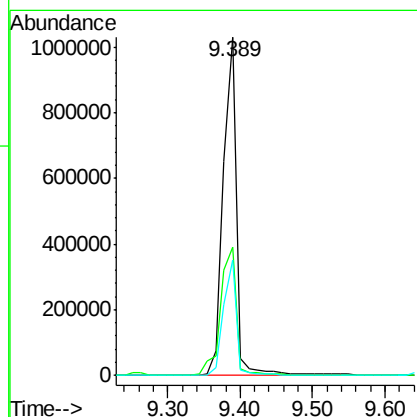
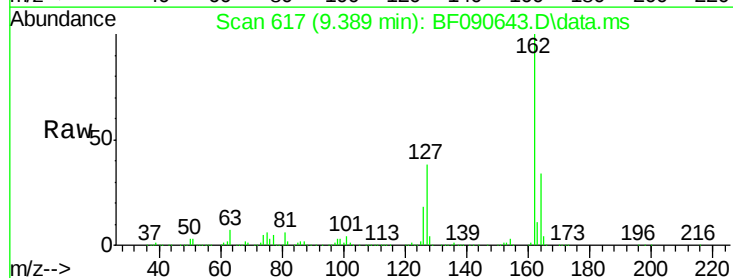
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

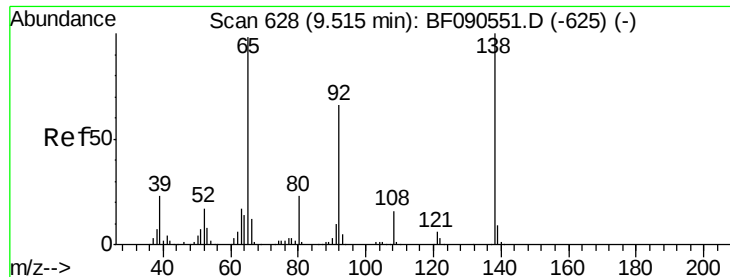
Tot Ion:154 Resp: 1593609
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.5 61.5
 76 21.0 0.0 36.0



#46
 2-Chloronaphthalene
 Concen: 40.49 ng
 RT: 9.389 min Scan# 617
 Delta R.T. -0.011 min
 Lab File: BF090643.D
 Acq: 19 Oct 2016 13:14

Tgt Ion:162 Resp: 1302107
 Ion Ratio Lower Upper
 162 100
 127 37.7 35.9 53.9
 164 34.1 26.7 40.1





#47

2-Nitroaniline

Concen: 41.71 ng

RT: 9.480 min Scan# 62

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

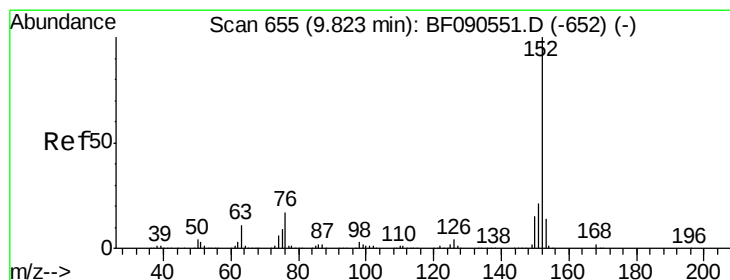
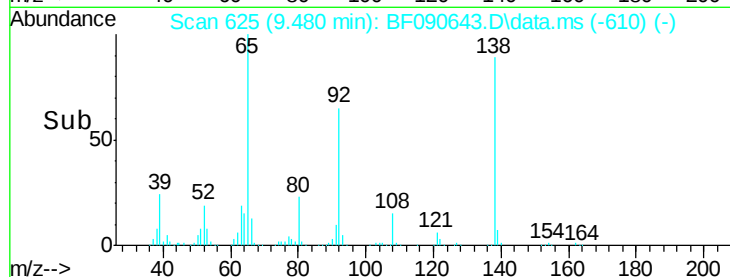
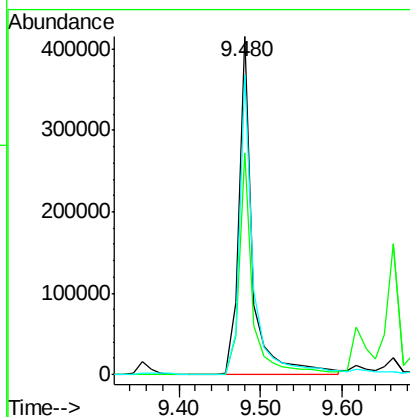
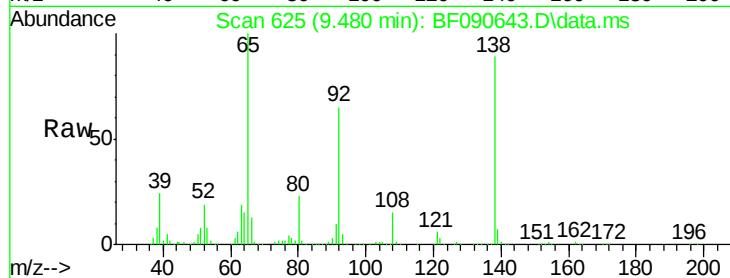
Tot Ion: 65 Resp: 486276

Ion Ratio Lower Upper

65 100

92 65.4 54.3 81.5

138 88.8 81.7 122.5



#48

Acenaphthylene

Concen: 38.24 ng

RT: 9.801 min Scan# 653

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

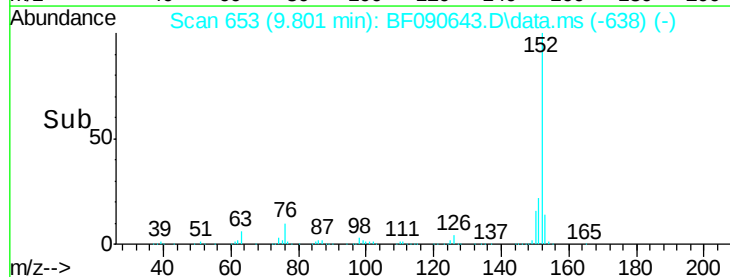
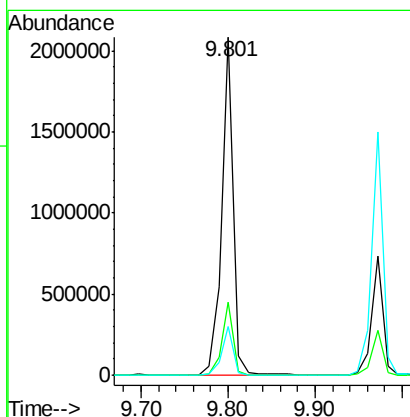
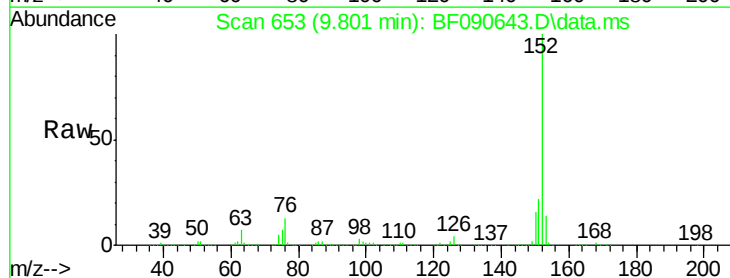
Tgt Ion: 152 Resp: 1958135

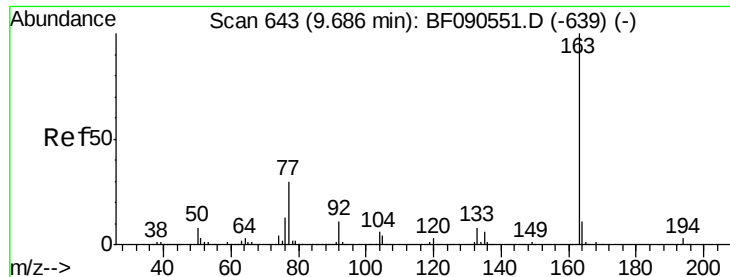
Ion Ratio Lower Upper

152 100

151 21.8 16.6 25.0

153 14.3 11.3 16.9

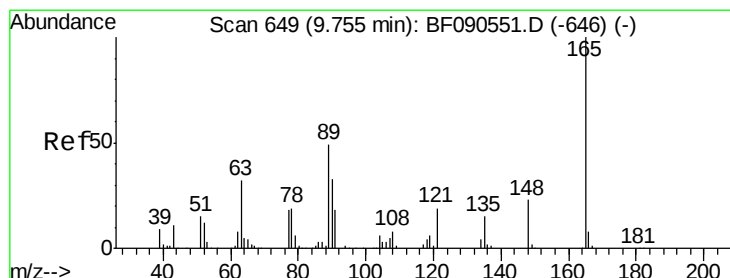
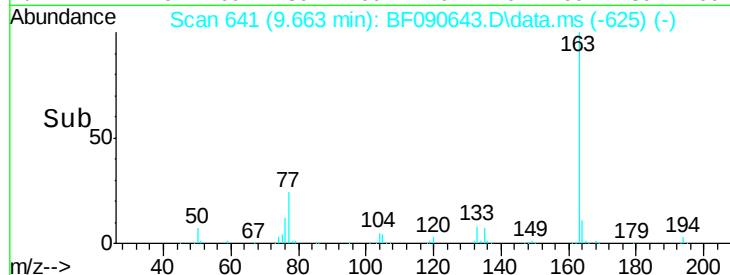
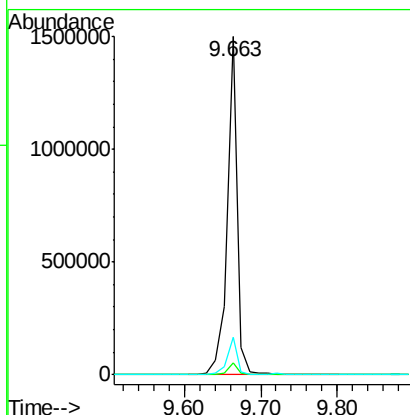
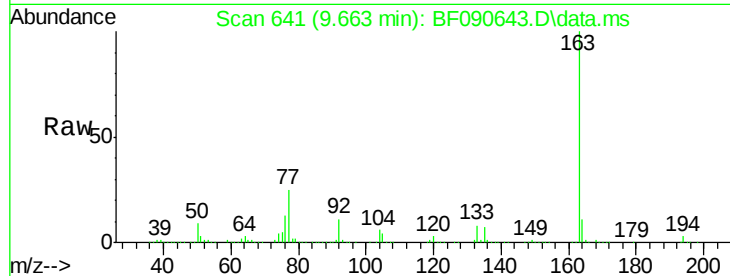




#49
Dimethylphthalate
Concen: 37.81 ng
RT: 9.663 min Scan# 641
Delta R.T. -0.011 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

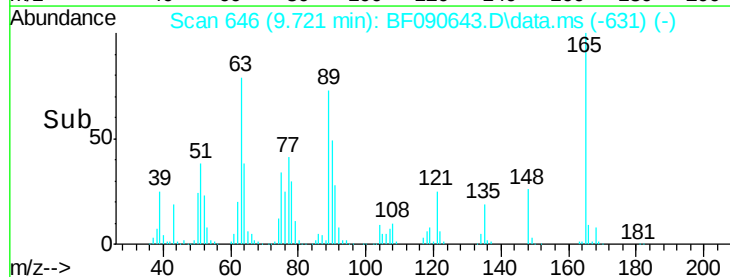
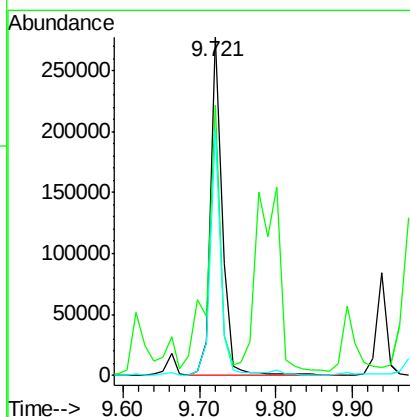
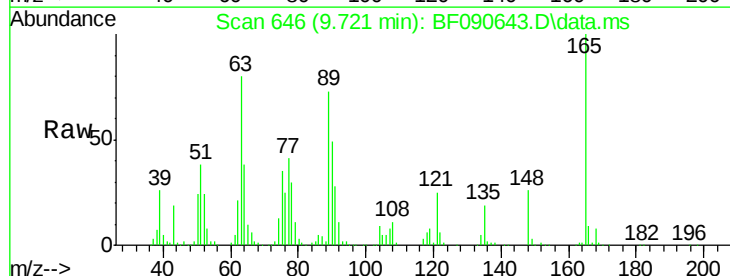
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

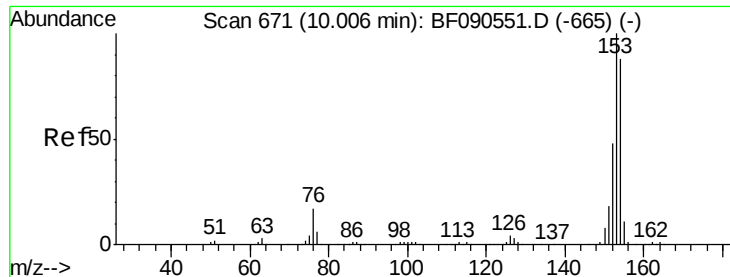
Tot Ion:163 Resp: 1390509
Ion Ratio Lower Upper
163 100
194 3.4 2.3 3.5
164 11.0 8.6 13.0



#50
2,6-Dinitrotoluene
Concen: 36.19 ng
RT: 9.721 min Scan# 646
Delta R.T. -0.023 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

Tgt Ion:165 Resp: 291252
Ion Ratio Lower Upper
165 100
63 79.9 40.1 60.1#
89 72.8 39.5 59.3#





#51

Acenaphthene

Concen: 37.89 ng

RT: 9.972 min Scan# 661

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

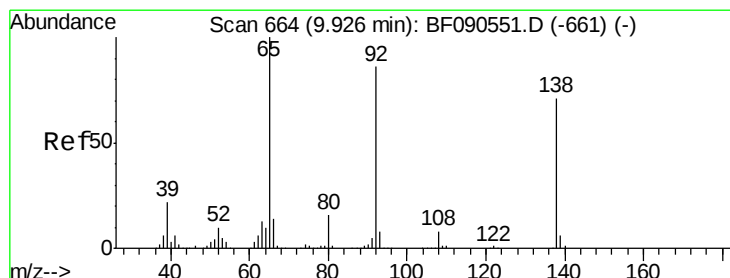
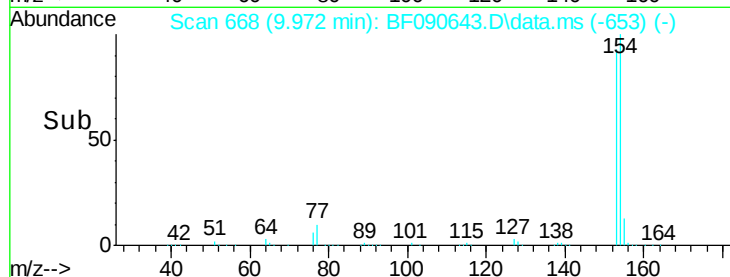
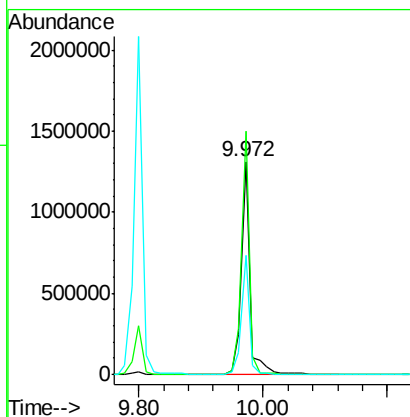
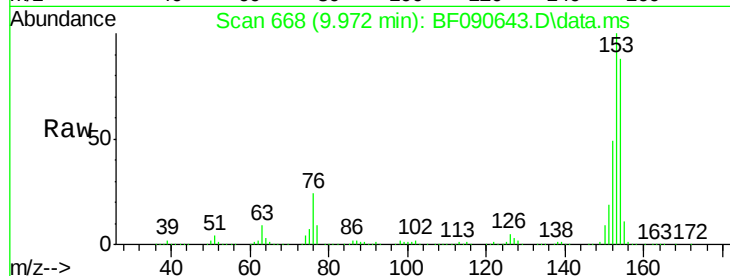
Tot Ion:154 Resp: 1289593

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

152 56.2 44.0 66.0



#52

3-Nitroaniline

Concen: 35.74 ng

RT: 9.892 min Scan# 661

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

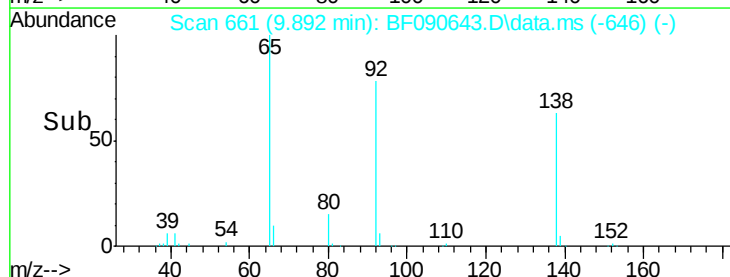
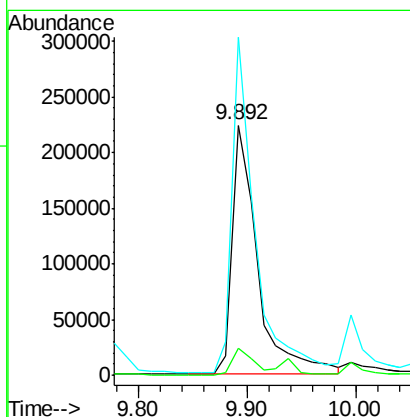
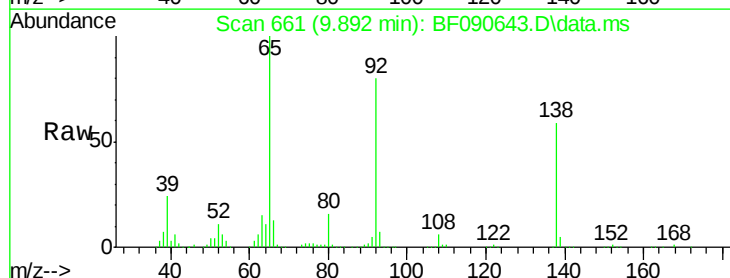
Tgt Ion:138 Resp: 360916

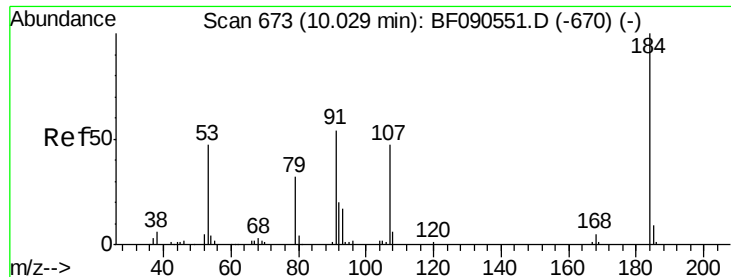
Ion Ratio Lower Upper

138 100

108 10.6 8.6 12.8

92 135.3 97.8 146.8

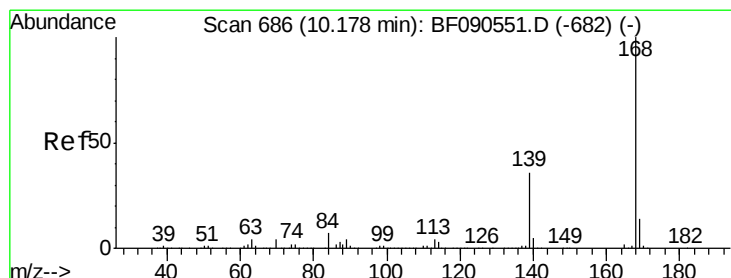
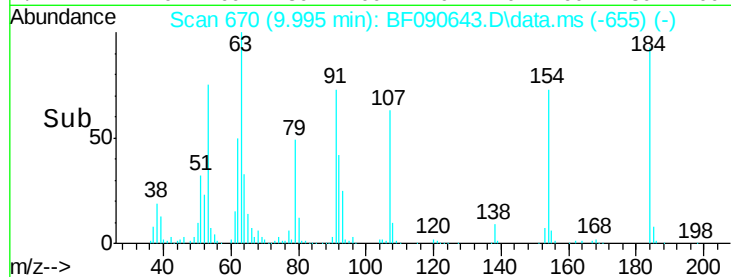
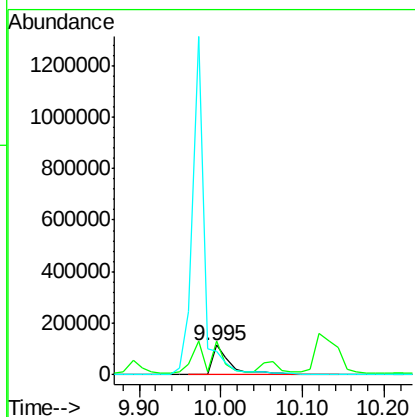
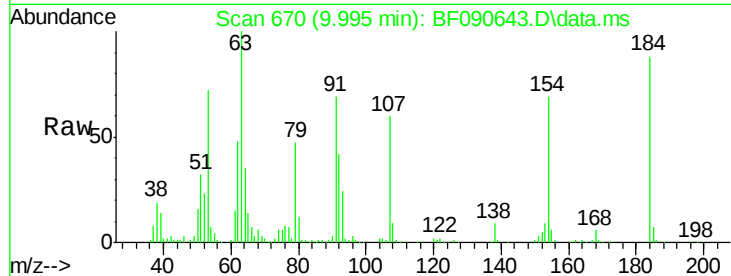




#53
2,4-Dinitrophenol
Concen: 42.28 ng
RT: 9.995 min Scan# 67
Delta R.T. -0.023 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

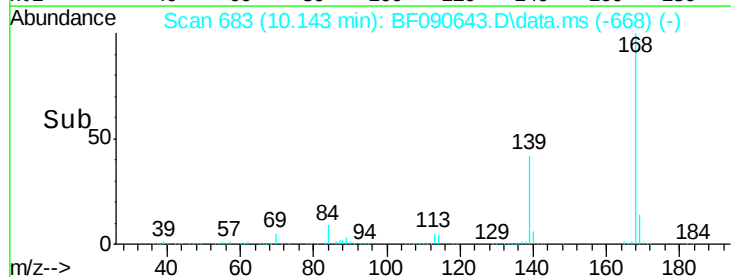
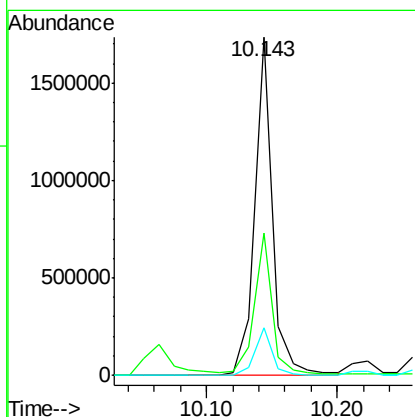
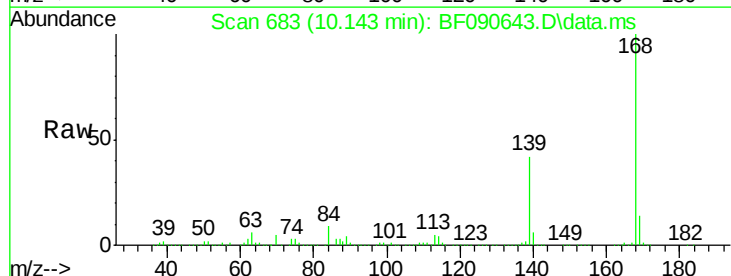
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

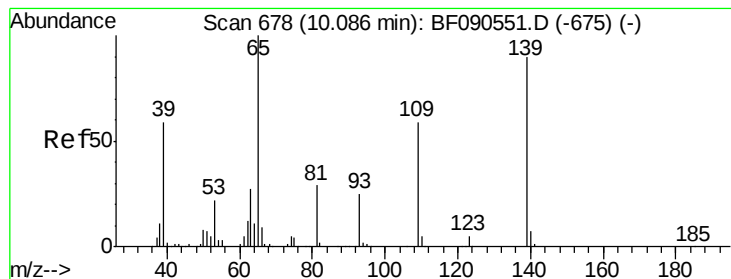
Tot Ion:184 Resp: 172115
Ion Ratio Lower Upper
184 100
63 114.0 60.2 90.2#
154 79.0 86.1 129.1#



#54
Dibenzofuran
Concen: 36.75 ng
RT: 10.143 min Scan# 683
Delta R.T. -0.023 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

Tgt Ion:168 Resp: 1645615
Ion Ratio Lower Upper
168 100
139 42.2 30.5 45.7
169 14.2 10.9 16.3





#55

4-Nitrophenol

Concen: 39.42 ng

RT: 10.063 min Scan# 67

Delta R.T. -0.011 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

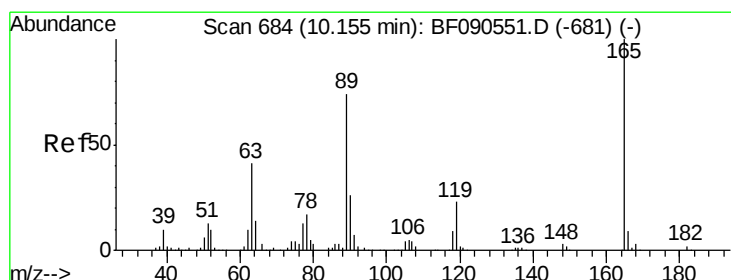
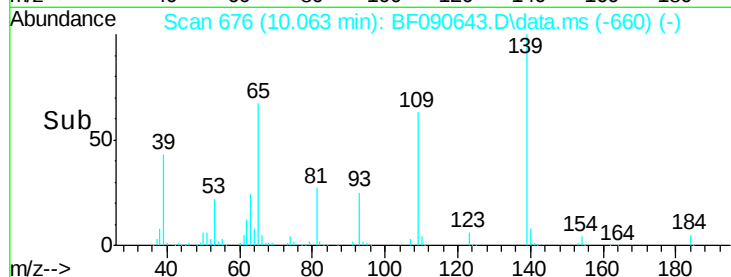
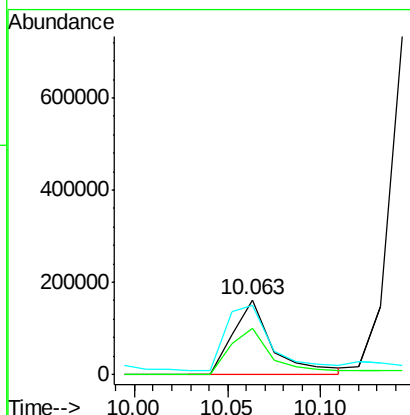
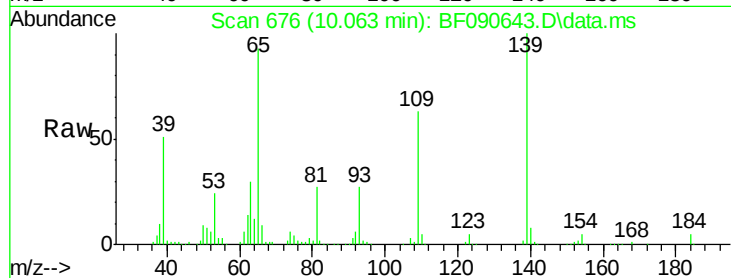
Tot Ion:139 Resp: 239539

Ion Ratio Lower Upper

139 100

109 62.7 45.9 85.9

65 92.7 95.8 135.8#



#56

2,4-Dinitrotoluene

Concen: 39.86 ng

RT: 10.132 min Scan# 682

Delta R.T. -0.011 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Tgt Ion:165 Resp: 435635

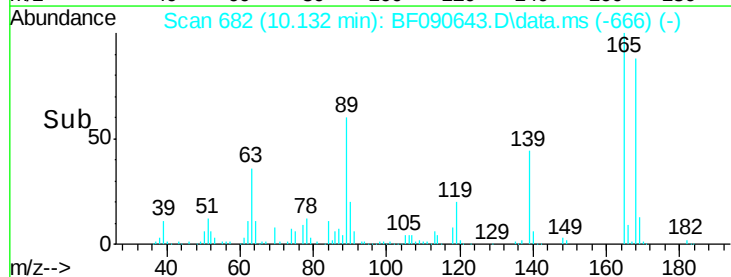
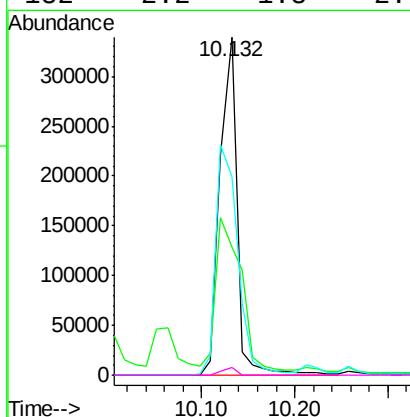
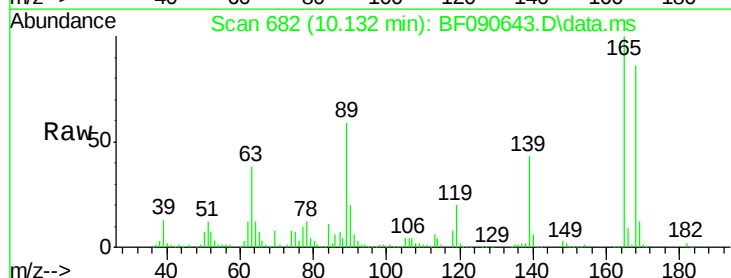
Ion Ratio Lower Upper

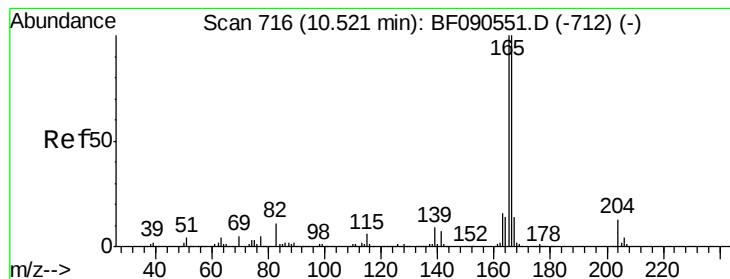
165 100

63 37.8 35.4 53.0

89 58.6 59.0 88.4#

182 2.2 1.8 2.6





#57

Fluorene

Concen: 37.37 ng

RT: 10.486 min Scan# 71

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

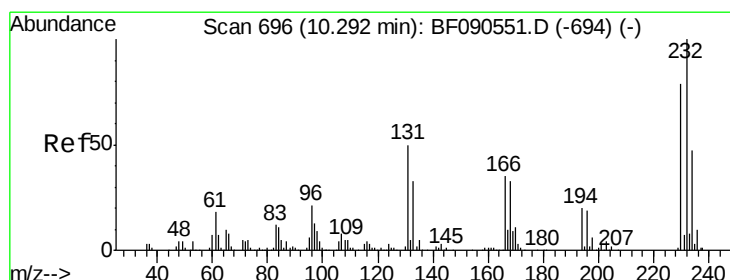
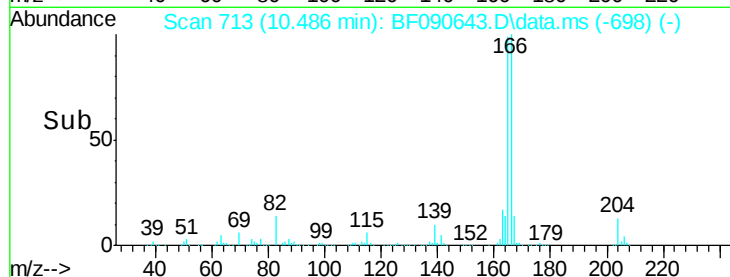
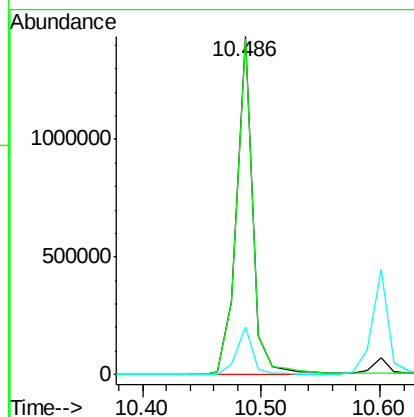
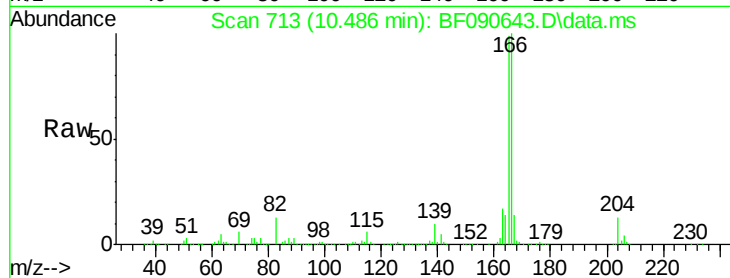
Tot Ion:166 Resp: 1380141

Ion Ratio Lower Upper

166 100

165 99.2 79.9 119.9

167 14.1 10.9 16.3



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.22 ng

RT: 10.223 min Scan# 690

Delta R.T. -0.057 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Tgt Ion:232 Resp: 321899

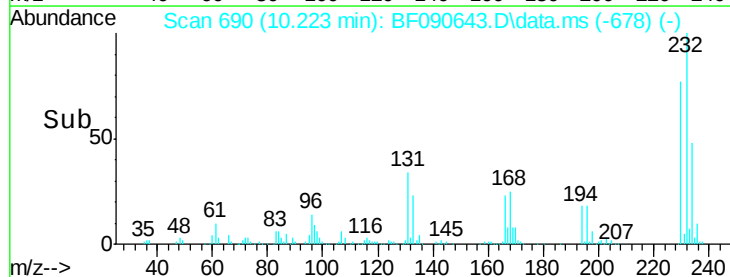
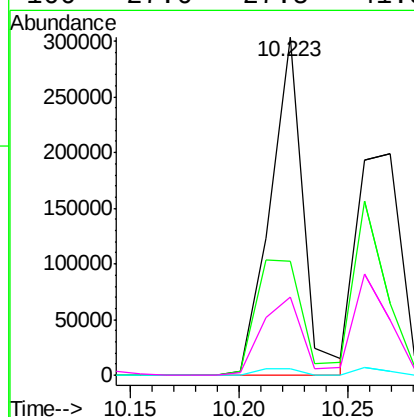
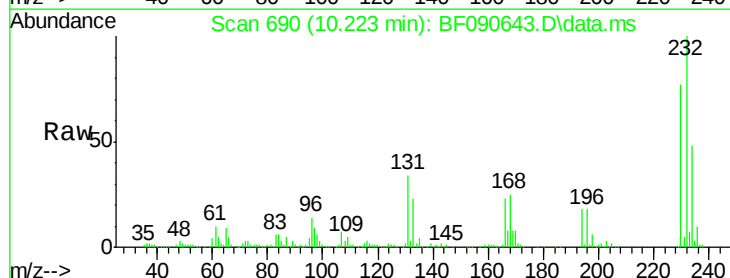
Ion Ratio Lower Upper

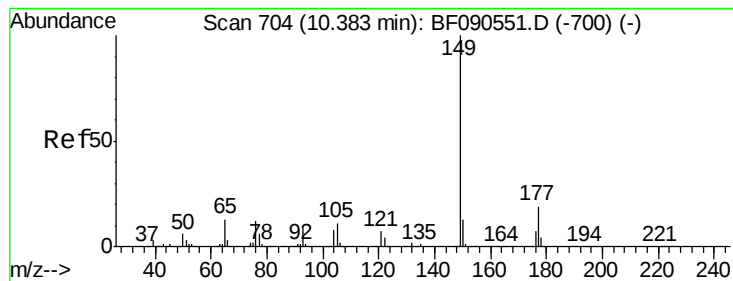
232 100

131 47.0 42.6 64.0

130 2.4 1.8 2.8

166 27.6 27.5 41.3





#59

Diethylphthalate

Concen: 38.21 ng

RT: 10.361 min Scan# 70

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

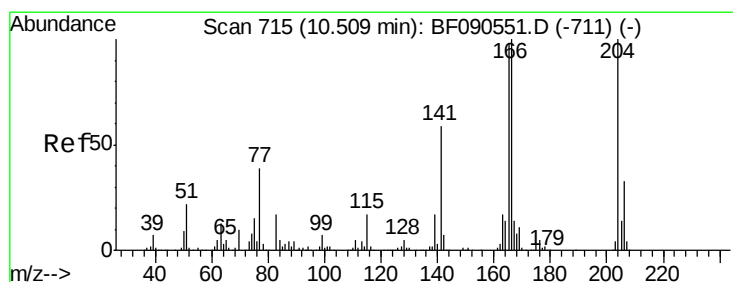
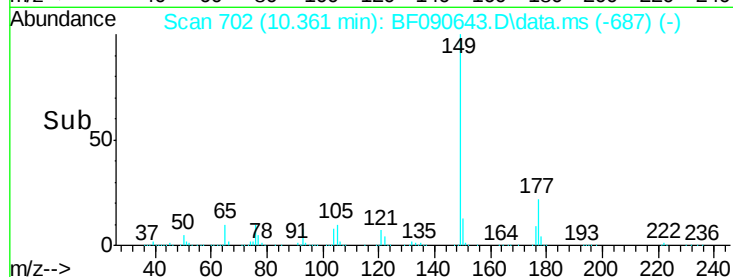
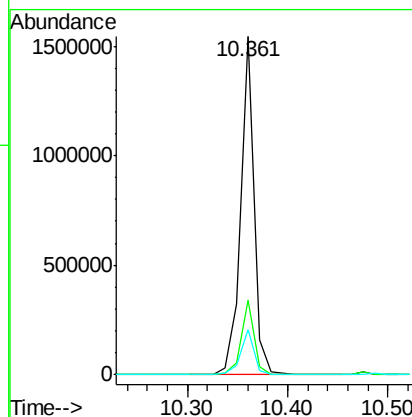
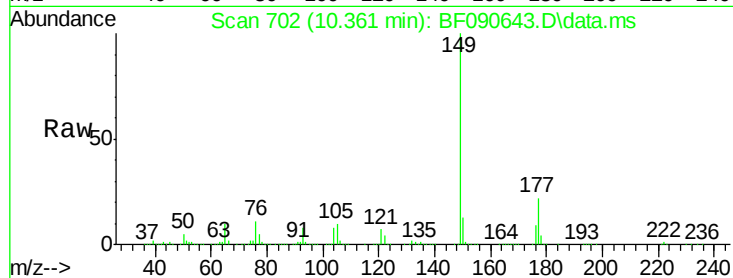
Tot Ion:149 Resp: 1424952

Ion Ratio Lower Upper

149 100

177 22.0 15.3 22.9

150 13.1 10.3 15.5



#60

4-Chlorophenyl-phenylether

Concen: 34.92 ng

RT: 10.475 min Scan# 712

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

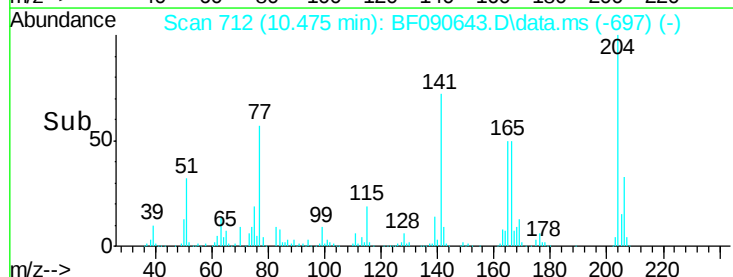
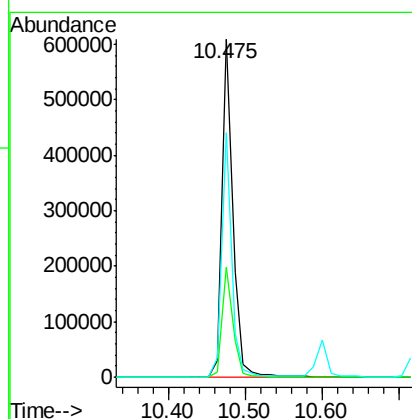
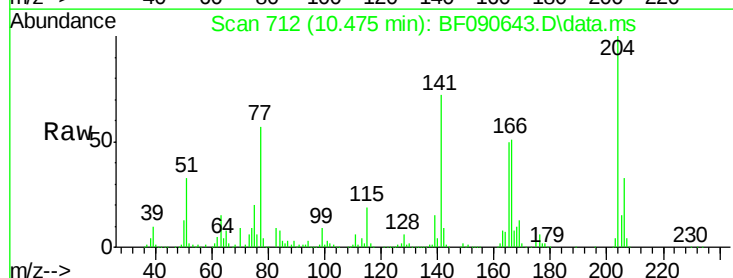
Tgt Ion:204 Resp: 607893

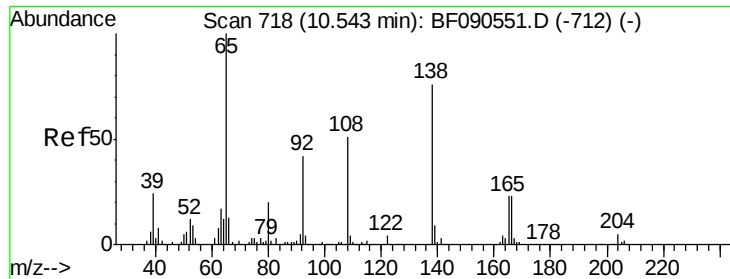
Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

141 72.3 47.2 70.8#

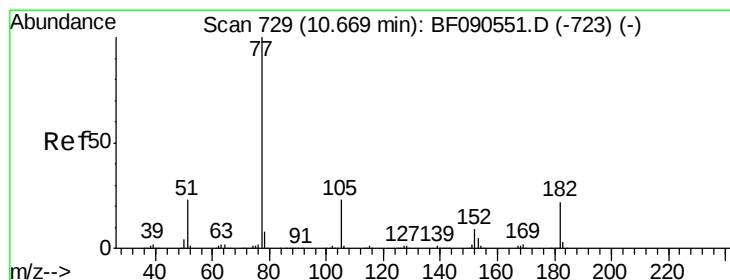
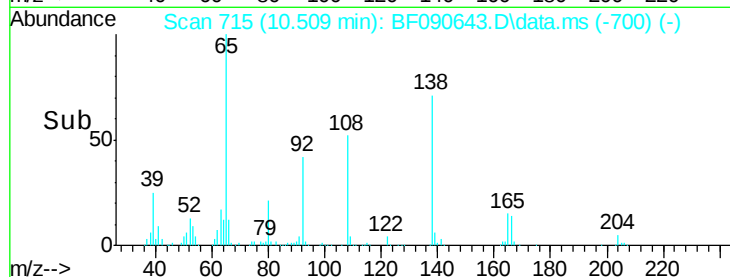
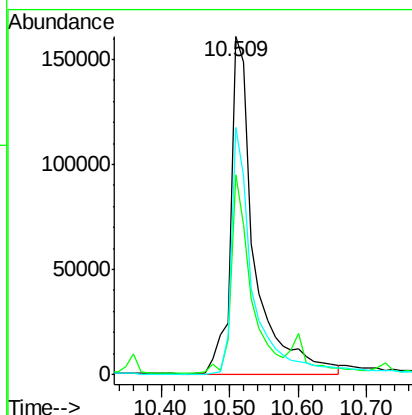
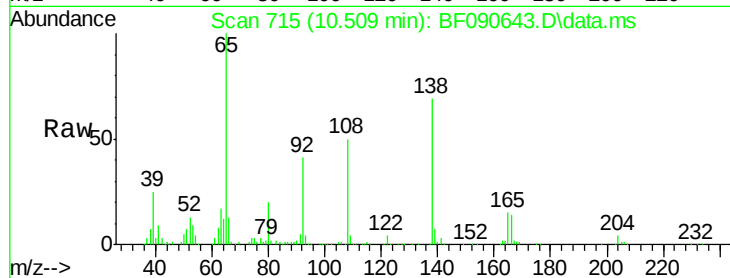




#61
4-Nitroaniline
Concen: 38.37 ng
RT: 10.509 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

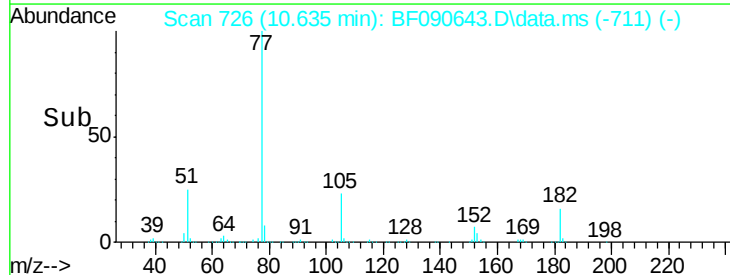
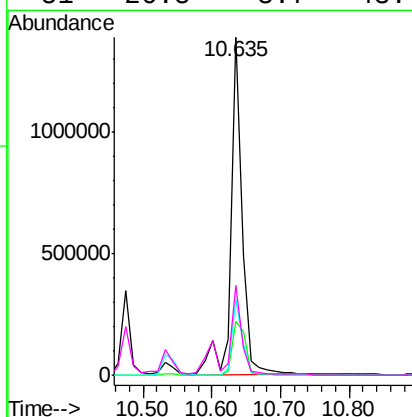
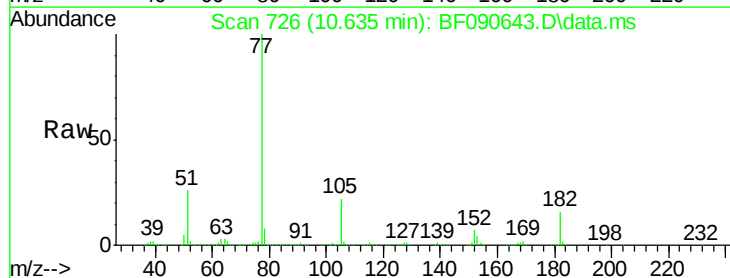
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

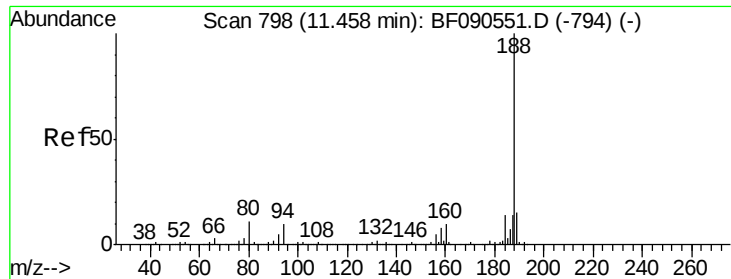
Tot Ion:138 Resp: 388514
Ion Ratio Lower Upper
138 100
92 59.1 35.7 75.7
108 73.0 46.9 86.9



#62
Azobenzene
Concen: 37.81 ng
RT: 10.635 min Scan# 726
Delta R.T. -0.023 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

Tgt Ion: 77 Resp: 1631399
Ion Ratio Lower Upper
77 100
182 15.9 2.2 42.2
105 22.4 3.5 43.5
51 26.5 3.7 43.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.424 min Scan# 79

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

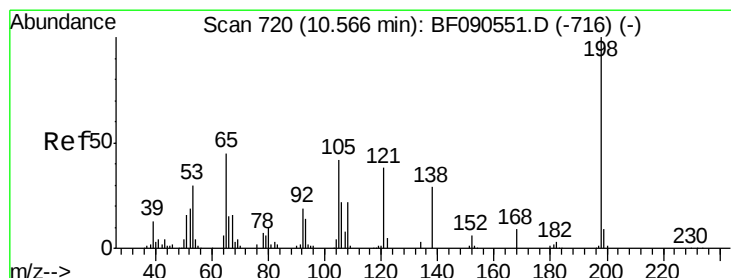
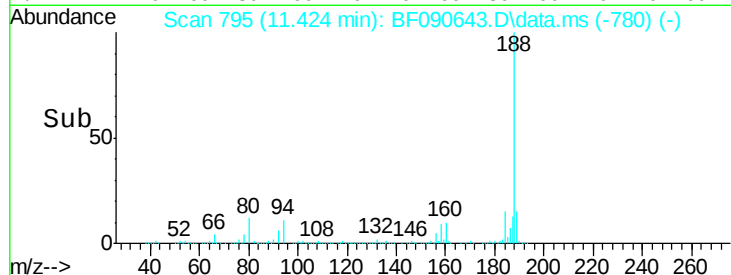
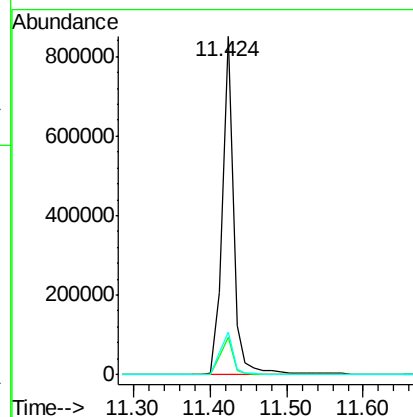
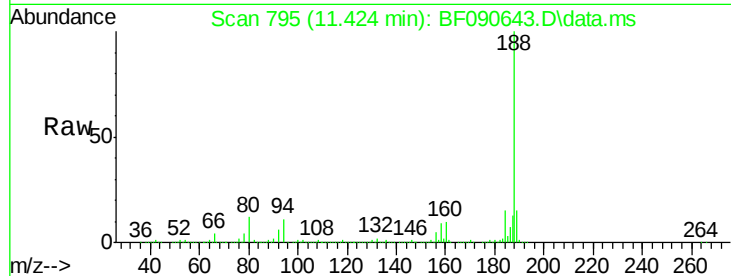
Tot Ion:188 Resp: 874463

Ion Ratio Lower Upper

188 100

94 11.1 7.7 11.5

80 12.4 8.6 12.8



#64

4,6-Dinitro-2-methylphenol

Concen: 43.41 ng

RT: 10.543 min Scan# 718

Delta R.T. -0.011 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

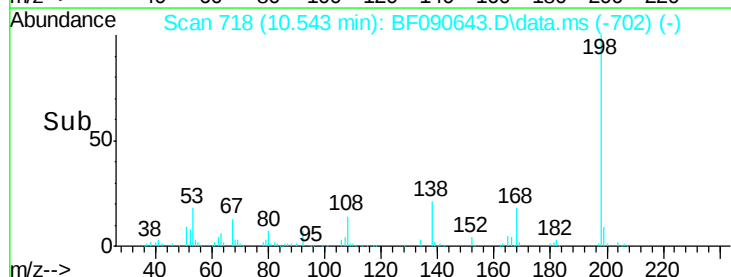
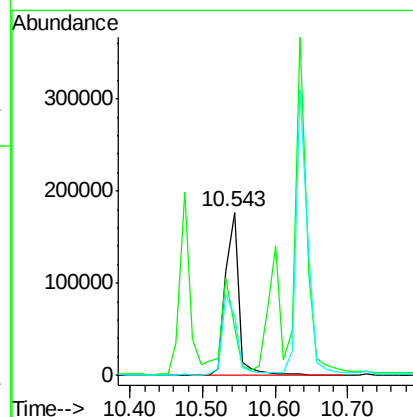
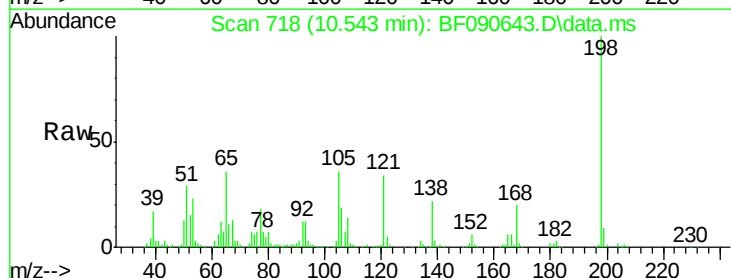
Tgt Ion:198 Resp: 229741

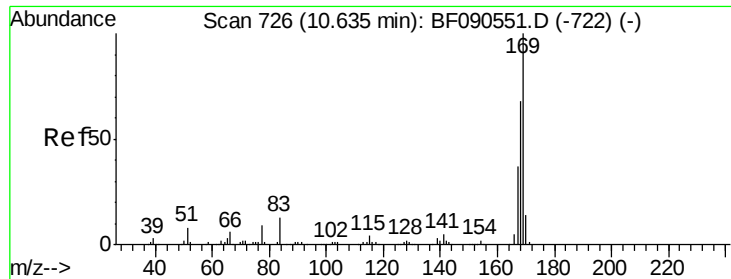
Ion Ratio Lower Upper

198 100

51 29.2 19.7 59.7

105 36.0 22.6 62.6

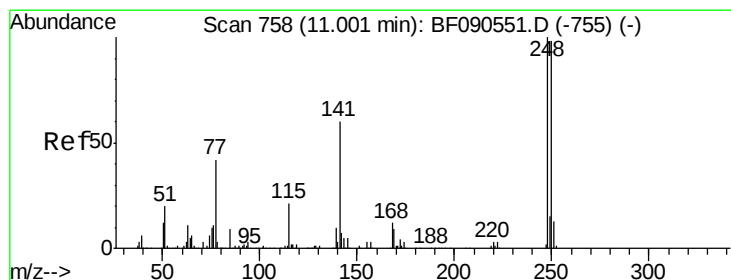
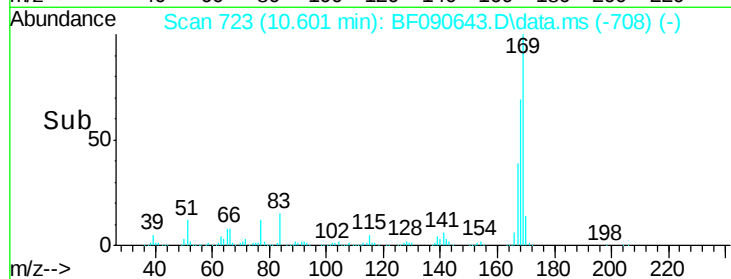
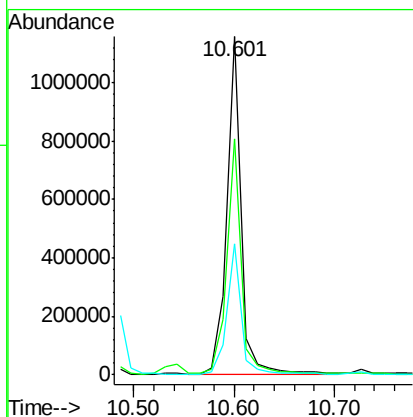
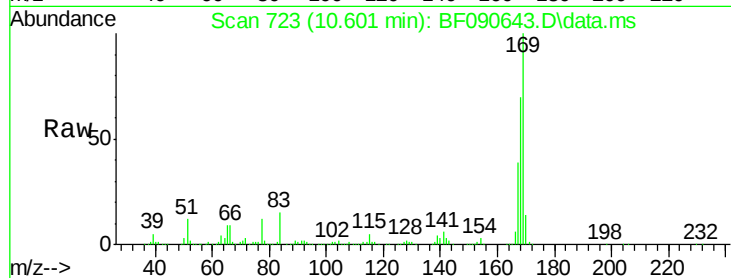




#65
 n-Nitrosodiphenylamine
 Concen: 39.81 ng
 RT: 10.601 min Scan# 72
 Delta R.T. -0.023 min
 Lab File: BF090643.D
 Acq: 19 Oct 2016 13:14

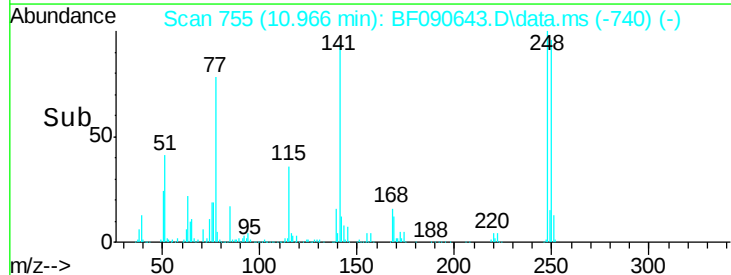
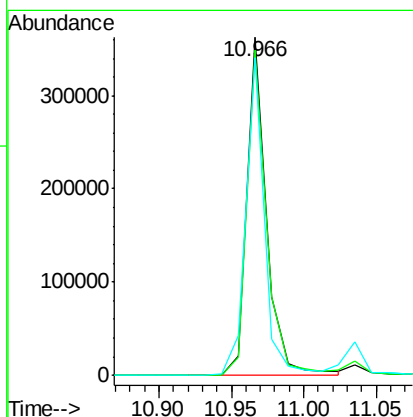
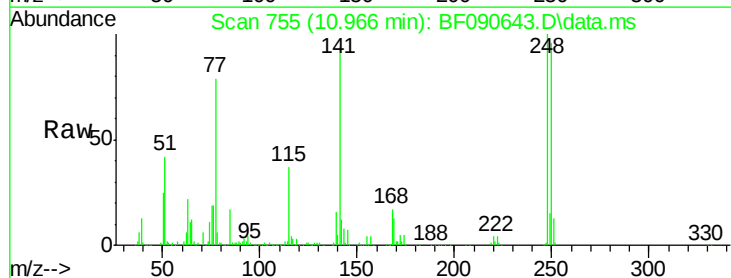
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

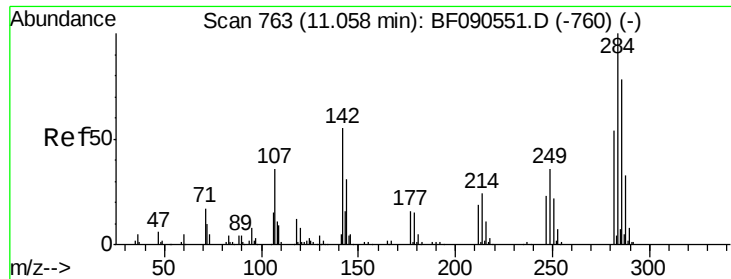
Tot Ion:169 Resp: 1149854
 Ion Ratio Lower Upper
 169 100
 168 69.6 54.6 81.8
 167 38.6 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 36.18 ng
 RT: 10.966 min Scan# 755
 Delta R.T. -0.023 min
 Lab File: BF090643.D
 Acq: 19 Oct 2016 13:14

Tgt Ion:248 Resp: 339467
 Ion Ratio Lower Upper
 248 100
 250 96.2 78.4 117.6
 141 94.0 48.4 72.6#

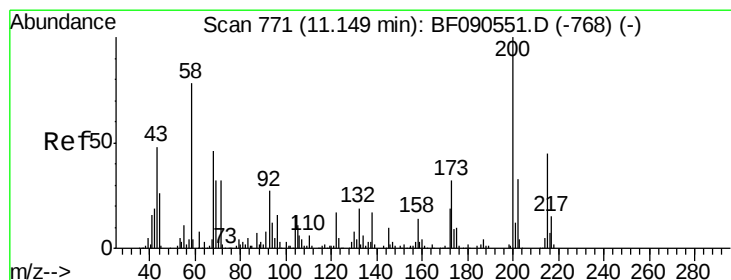
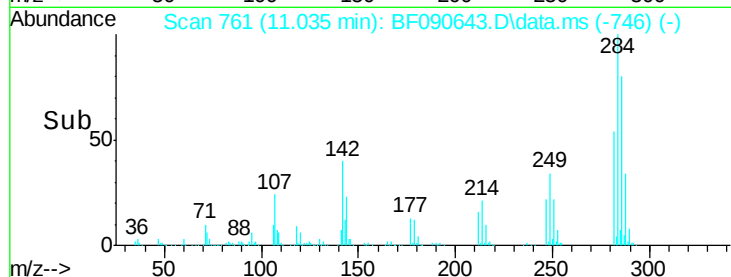
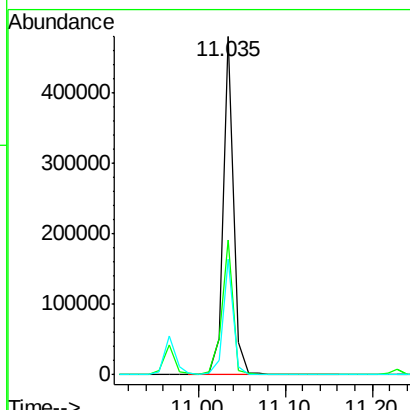
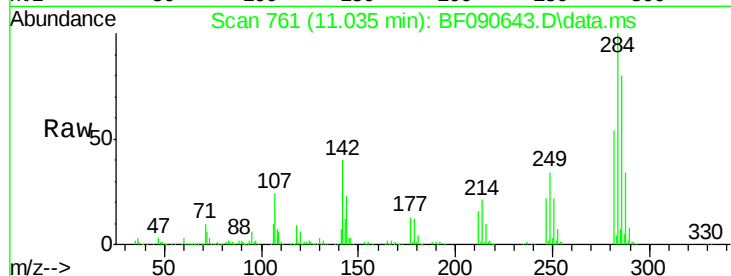




#67
Hexachlorobenzene
Concen: 39.46 ng
RT: 11.035 min Scan# 761
Delta R.T. -0.023 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

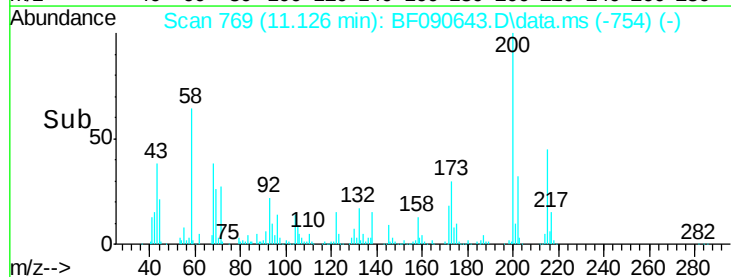
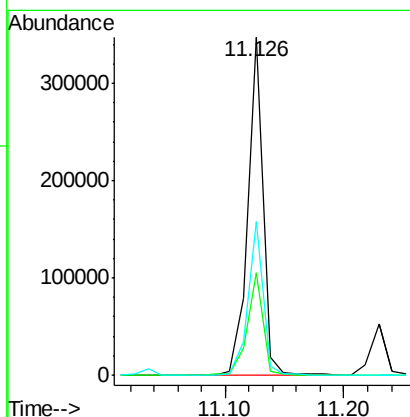
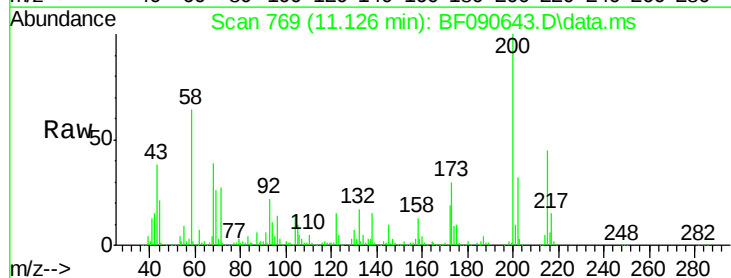
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

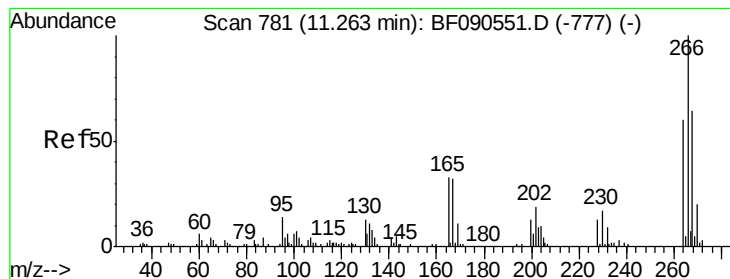
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.9	44.5	66.7#
249	34.1	29.6	44.4



#68
Atrazine
Concen: 39.27 ng
RT: 11.126 min Scan# 769
Delta R.T. -0.023 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.4	12.0	52.0
215	45.3	25.2	65.2





#69

Pentachlorophenol

Concen: 47.15 ng

RT: 11.229 min Scan# 77

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

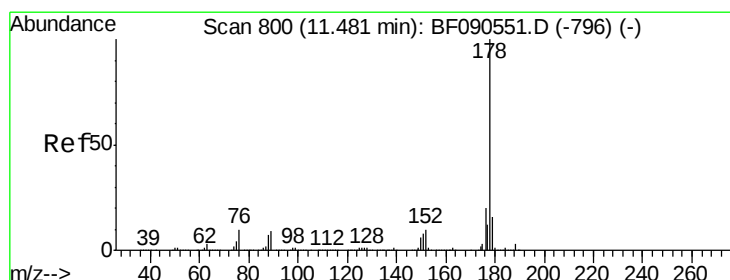
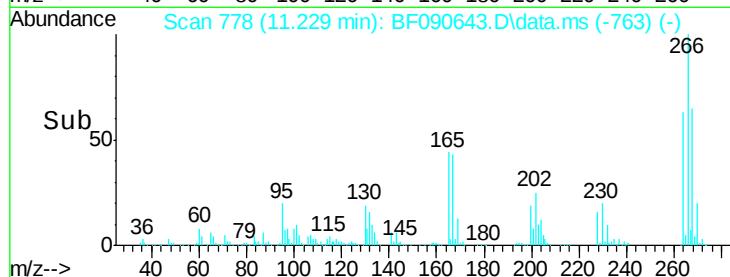
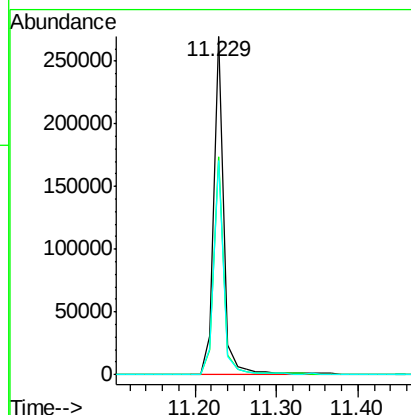
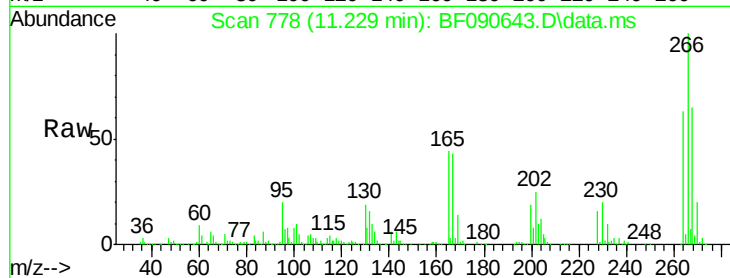
Tot Ion:266 Resp: 238049

Ion Ratio Lower Upper

266 100

268 64.6 51.5 77.3

264 63.4 47.9 71.9



#70

Phenanthrene

Concen: 37.98 ng

RT: 11.446 min Scan# 797

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

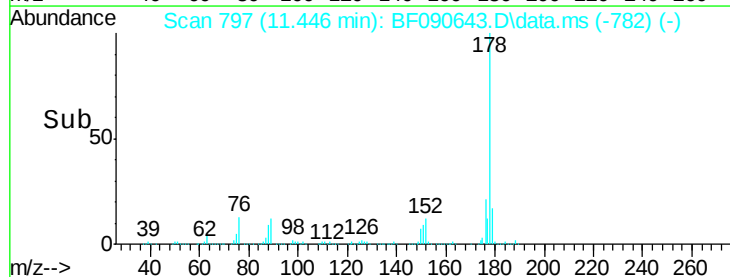
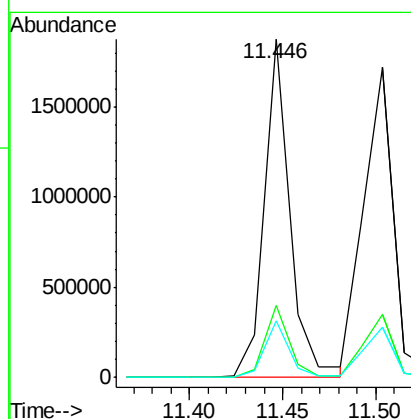
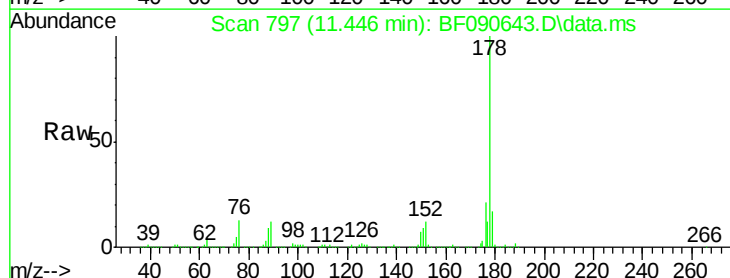
Tgt Ion:178 Resp: 1772967

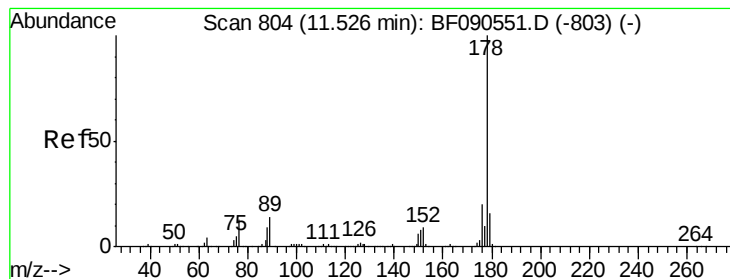
Ion Ratio Lower Upper

178 100

176 21.2 16.1 24.1

179 16.6 12.6 19.0





#71

Anthracene

Concen: 39.39 ng

RT: 11.504 min Scan# 80

Delta R.T. -0.011 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

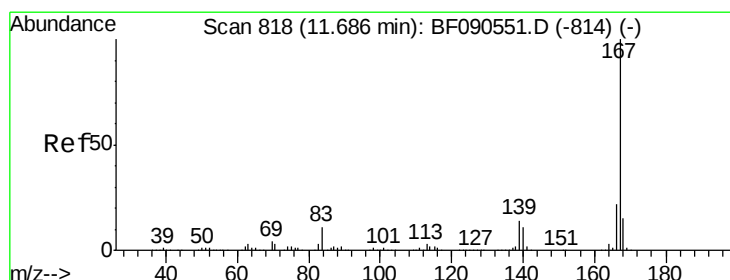
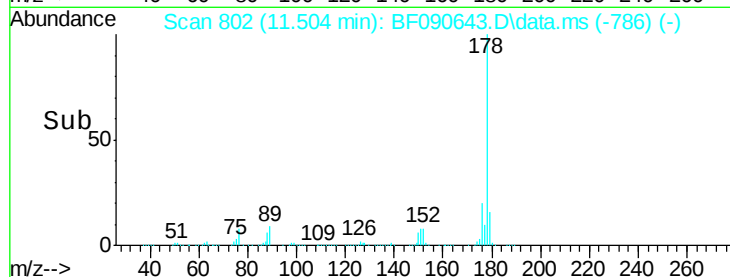
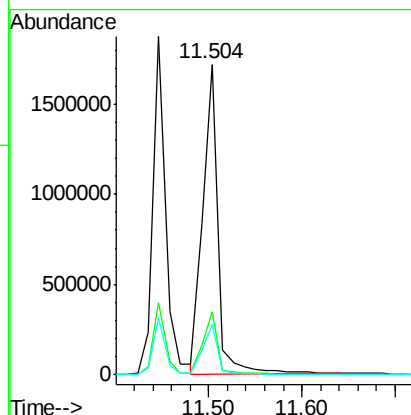
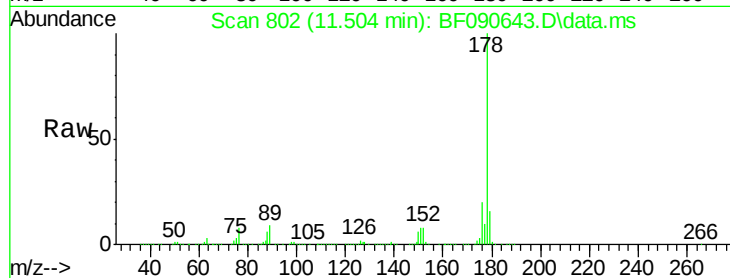
Tot Ion:178 Resp: 1978844

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

179 16.0 13.0 19.4



#72

Carbazole

Concen: 38.13 ng

RT: 11.652 min Scan# 815

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

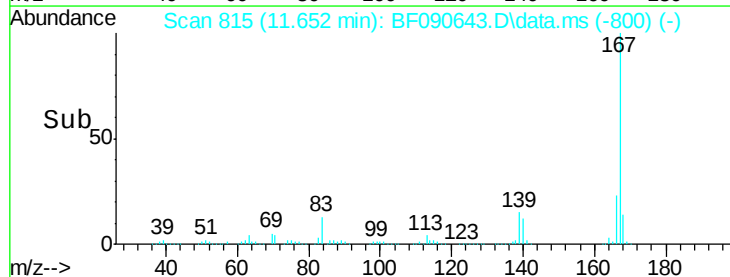
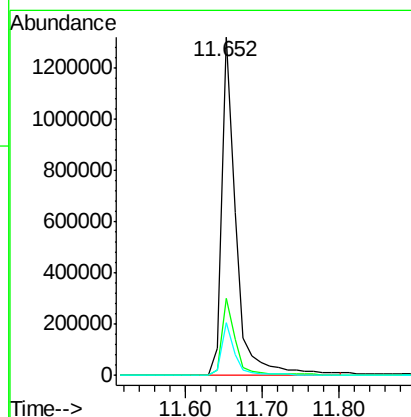
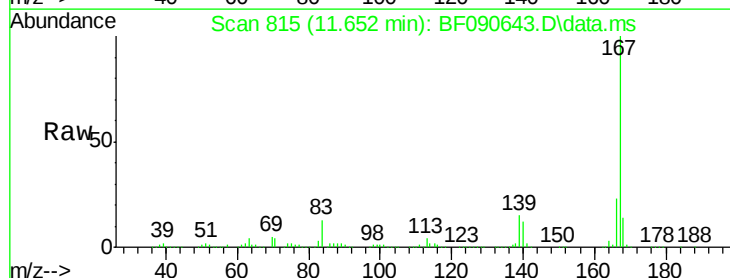
Tgt Ion:167 Resp: 1714834

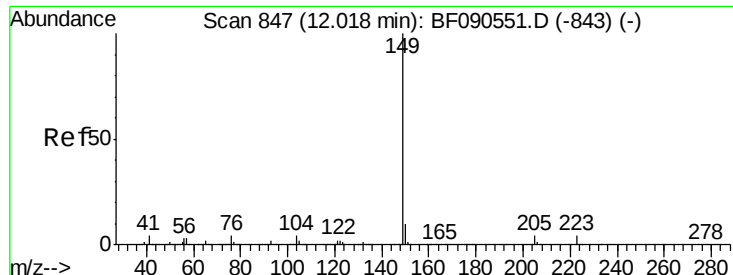
Ion Ratio Lower Upper

167 100

166 22.9 17.8 26.8

139 15.5 11.3 16.9





#73

Di-n-butylphthalate

Concen: 37.48 ng

RT: 11.984 min Scan# 84

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

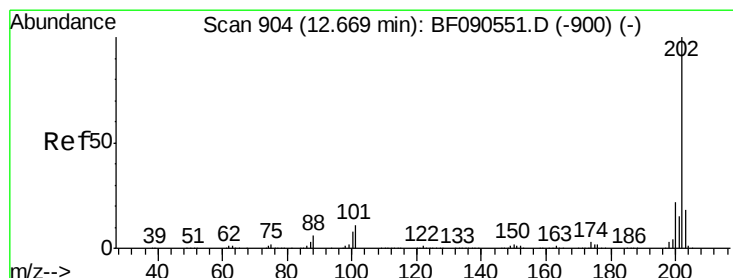
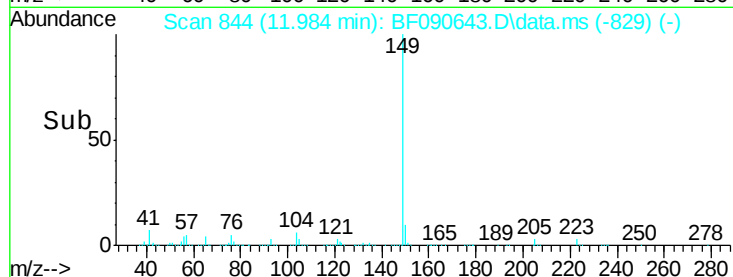
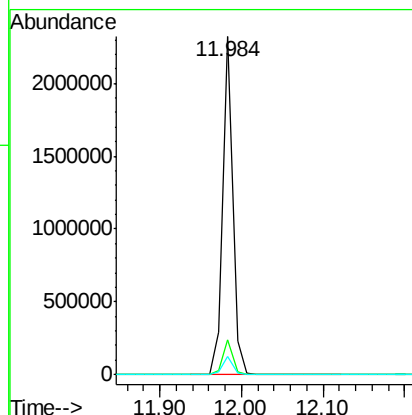
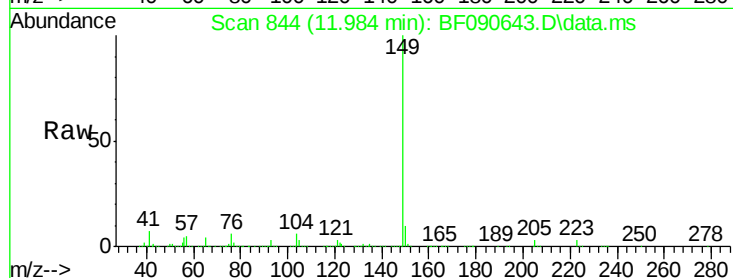
Tot Ion:149 Resp: 1974961

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

104 5.5 3.3 4.9#



#74

Fluoranthene

Concen: 38.82 ng

RT: 12.635 min Scan# 901

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

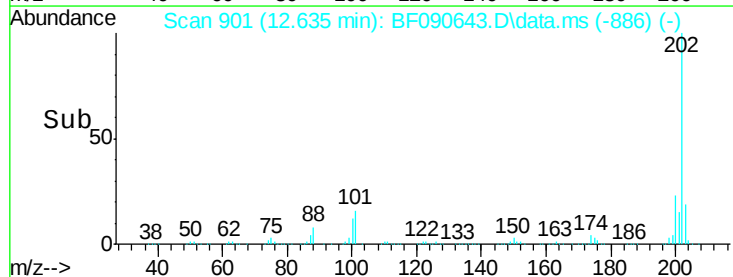
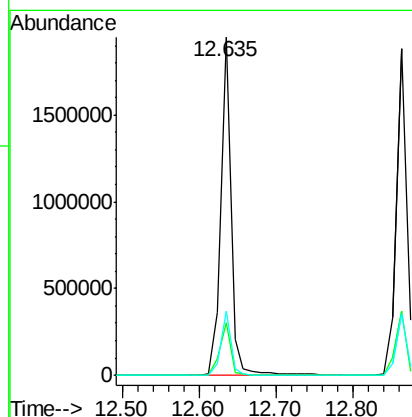
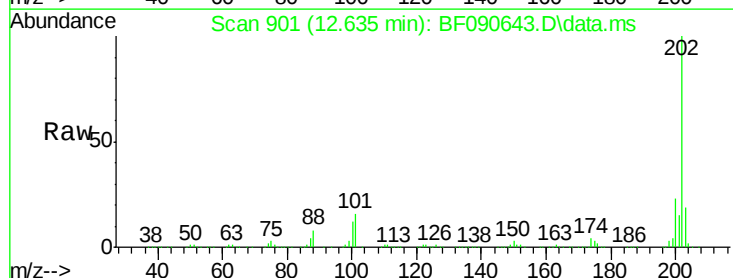
Tgt Ion:202 Resp: 1822650

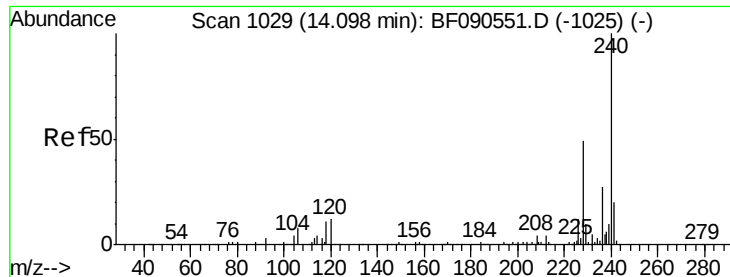
Ion Ratio Lower Upper

202 100

101 15.6 0.0 31.1

203 18.9 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.064 min Scan# 10

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

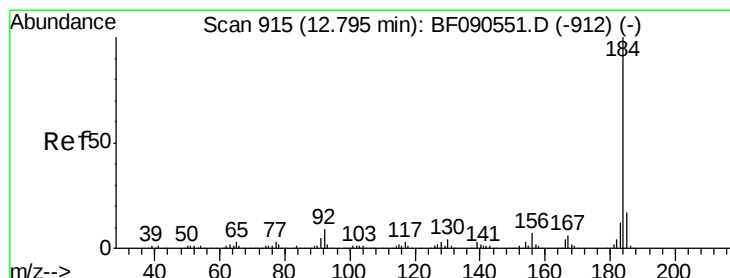
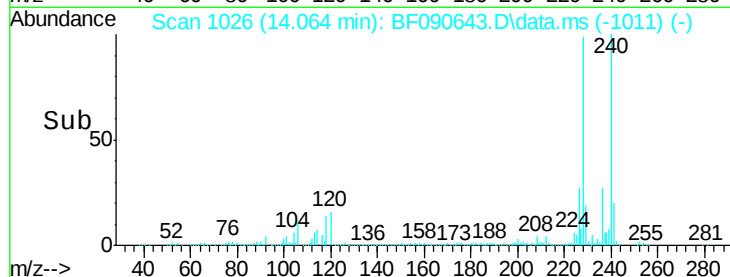
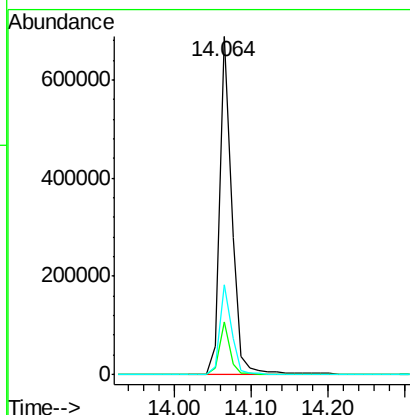
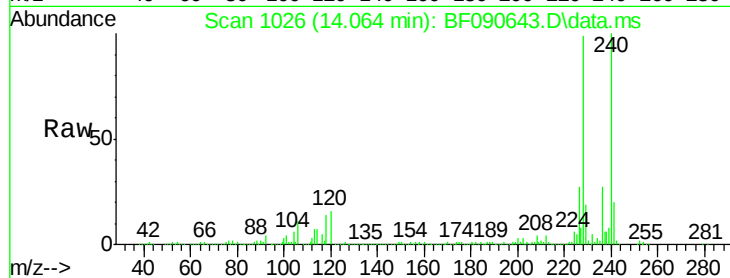
Tot Ion:240 Resp: 763139

Ion Ratio Lower Upper

240 100

120 15.6 9.8 14.8#

236 26.7 21.7 32.5



#76

Benzidine

Concen: 36.79 ng

RT: 12.761 min Scan# 912

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

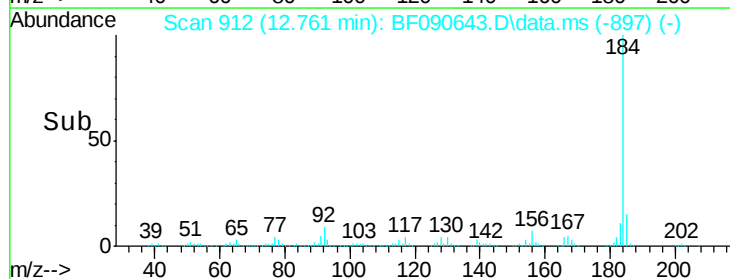
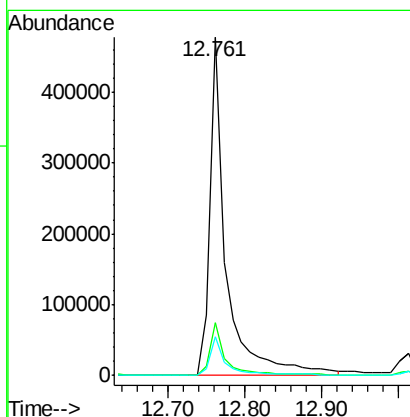
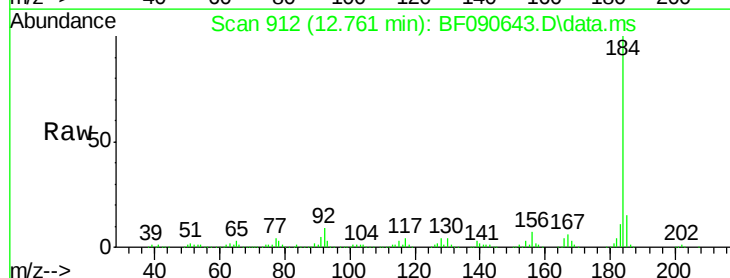
Tgt Ion:184 Resp: 698531

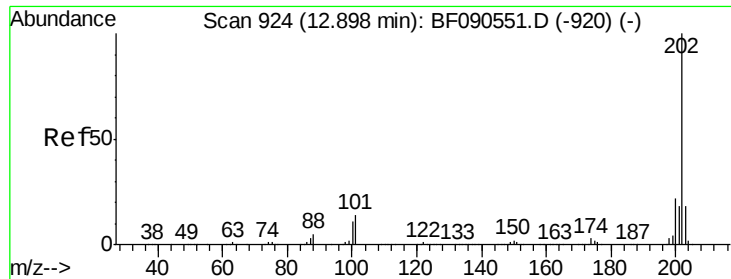
Ion Ratio Lower Upper

184 100

185 15.4 13.4 20.0

183 11.5 9.4 14.0

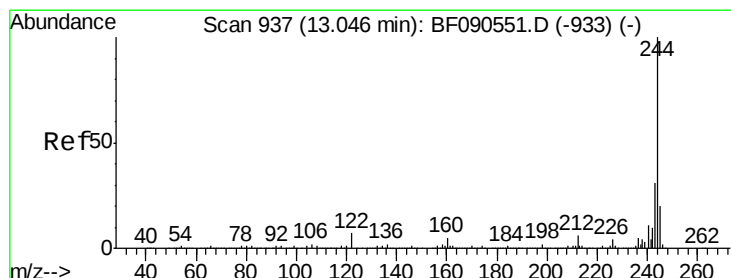
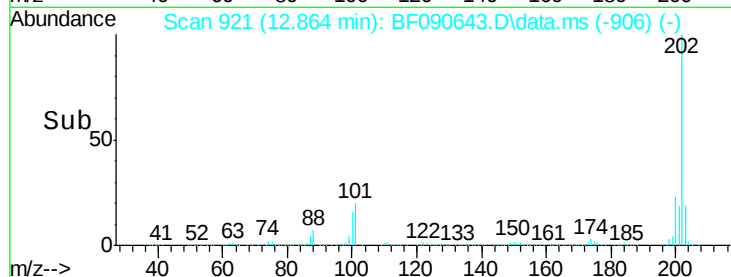
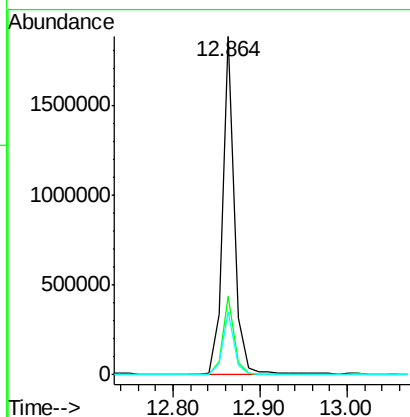
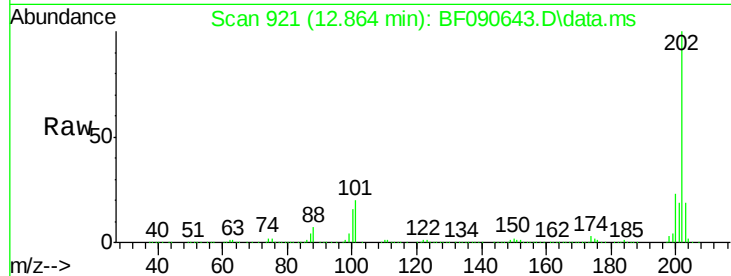




#77
Pvrene
Concen: 35.55 ng
RT: 12.864 min Scan# 92
Delta R.T. -0.023 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

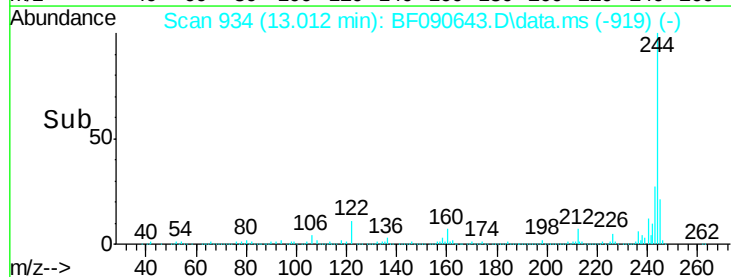
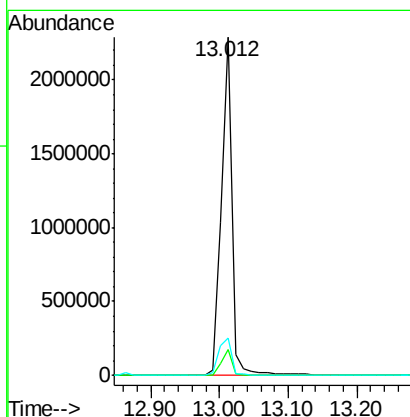
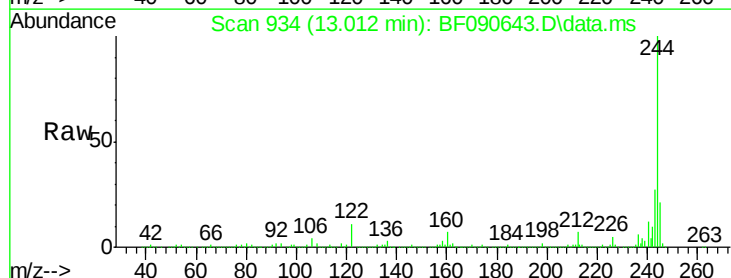
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

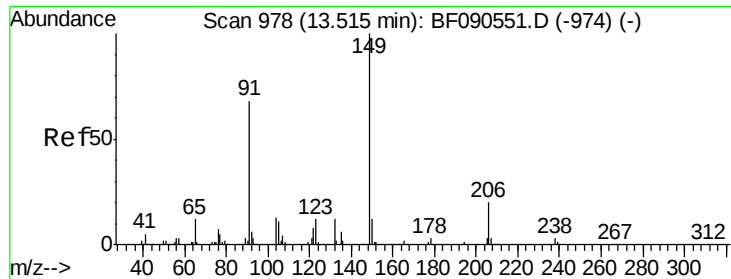
Tot Ion:202 Resp: 1796612
Ion Ratio Lower Upper
202 100
200 23.1 17.8 26.6
203 18.7 14.6 21.8



#78
Terphenyl-d14
Concen: 76.88 ng
RT: 13.012 min Scan# 934
Delta R.T. -0.023 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

Tgt Ion:244 Resp: 2519628
Ion Ratio Lower Upper
244 100
212 7.5 5.0 7.4#
122 11.1 5.6 8.4#

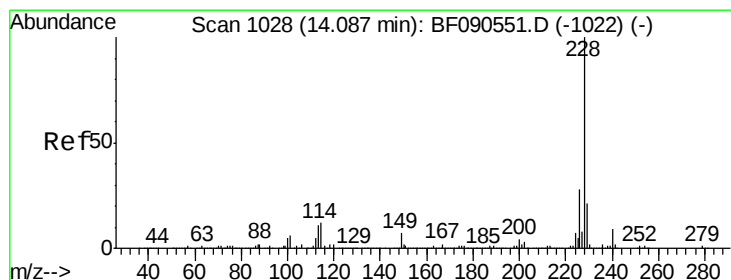
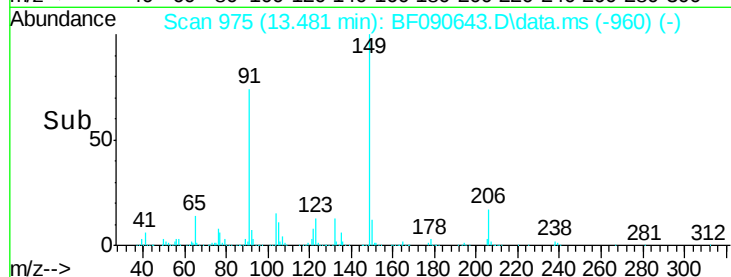
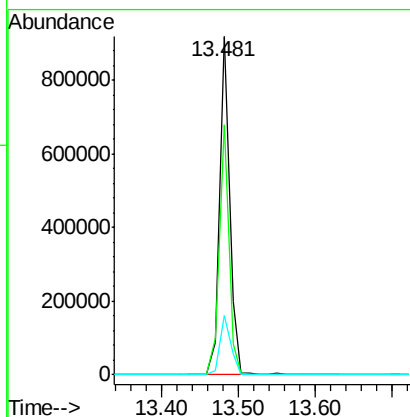
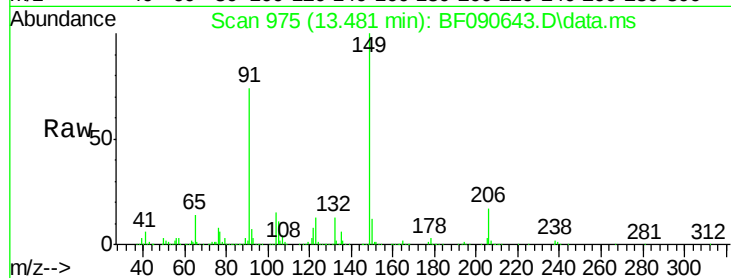




#79
Butylbenzylphthalate
Concen: 37.65 ng
RT: 13.481 min Scan# 97
Delta R.T. -0.023 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

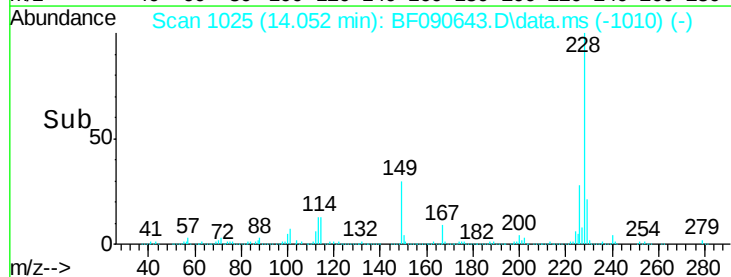
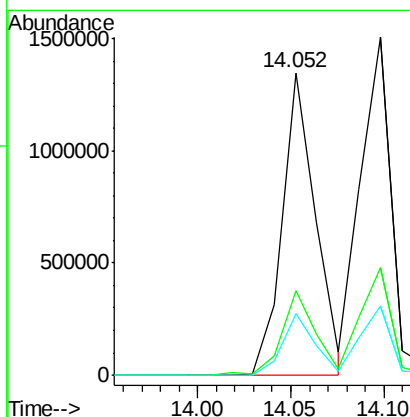
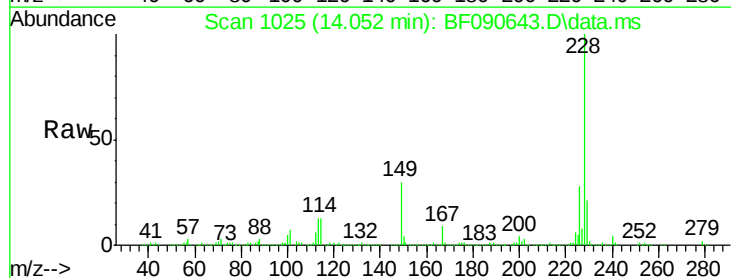
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.9	54.3	81.5
206	17.3	15.8	23.6



#80
Benzo(a)anthracene
Concen: 38.70 ng
RT: 14.052 min Scan# 1025
Delta R.T. -0.023 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.8	34.2
229	20.6	16.6	25.0





#81

3,3'-Dichlorobenzidine

Concen: 43.84 ng

RT: 14.018 min Scan# 10

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

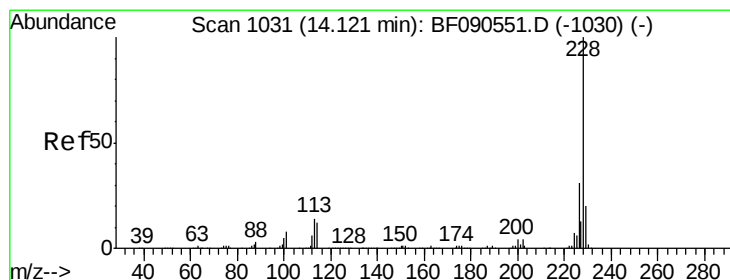
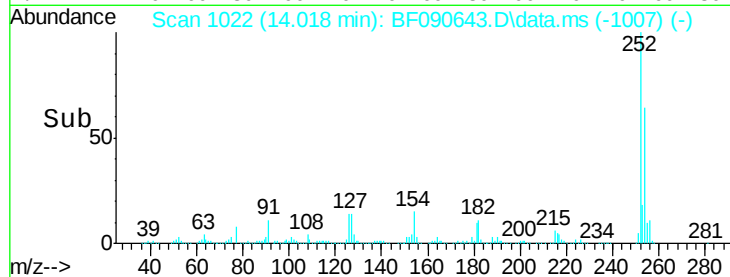
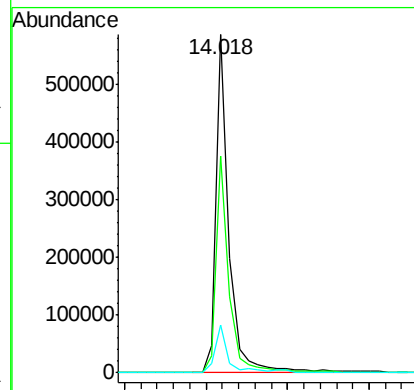
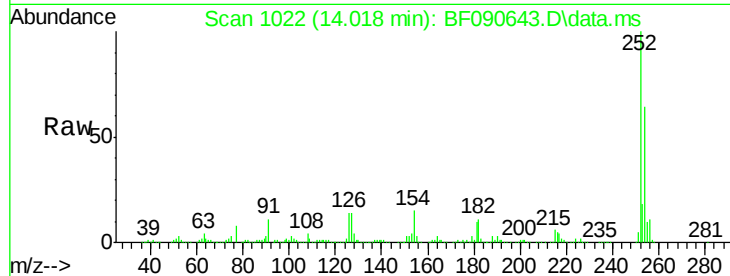
Tot Ion:252 Resp: 650631

Ion Ratio Lower Upper

252 100

254 64.1 52.1 78.1

126 14.1 9.3 13.9#



#82

Chrysene

Concen: 42.23 ng

RT: 14.098 min Scan# 1029

Delta R.T. -0.011 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

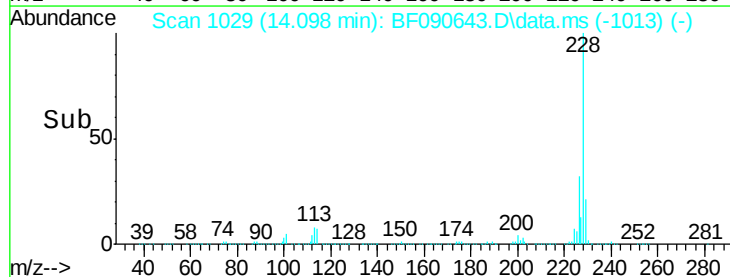
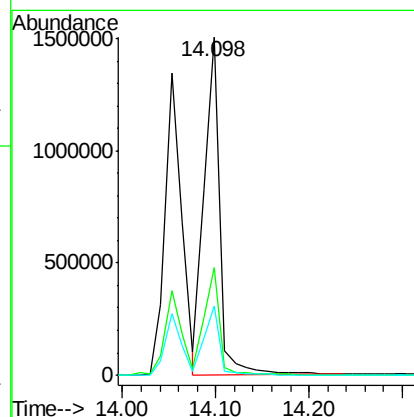
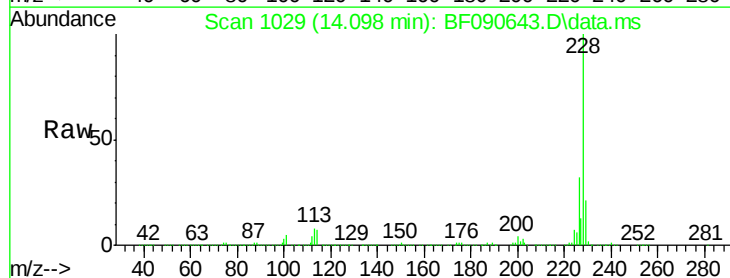
Tgt Ion:228 Resp: 1767555

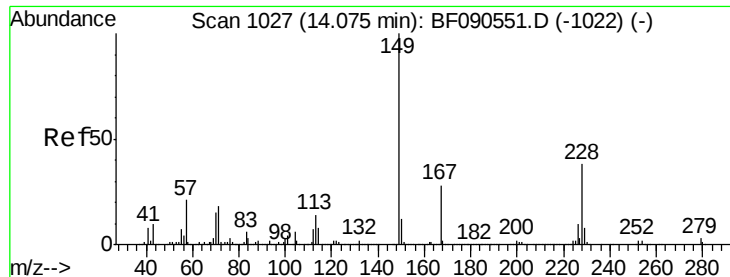
Ion Ratio Lower Upper

228 100

226 31.8 24.8 37.2

229 20.6 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.64 ng

RT: 14.041 min Scan# 1027

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

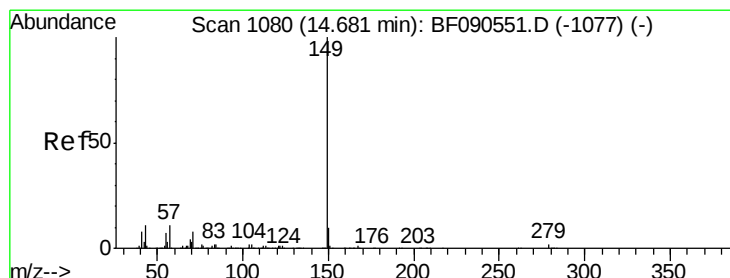
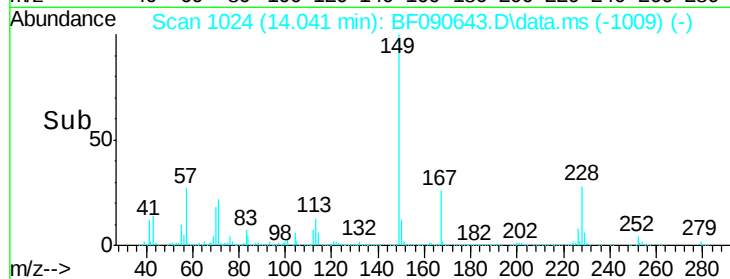
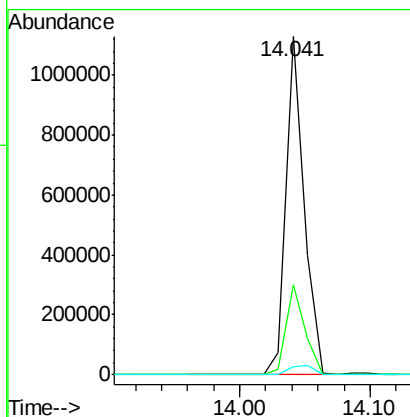
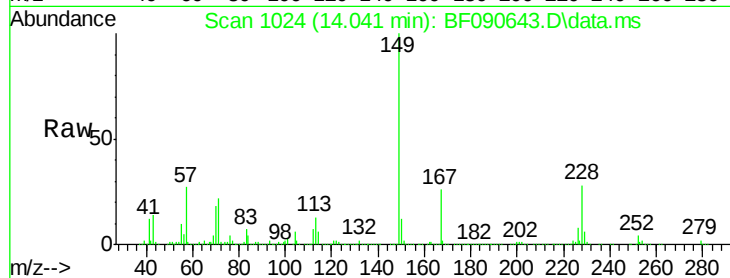
Tot Ion:149 Resp: 1107031

Ion Ratio Lower Upper

149 100

167 26.4 22.1 33.1

279 2.2 2.6 4.0#



#84

Di-n-octyl phthalate

Concen: 47.38 ng

RT: 14.658 min Scan# 1078

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

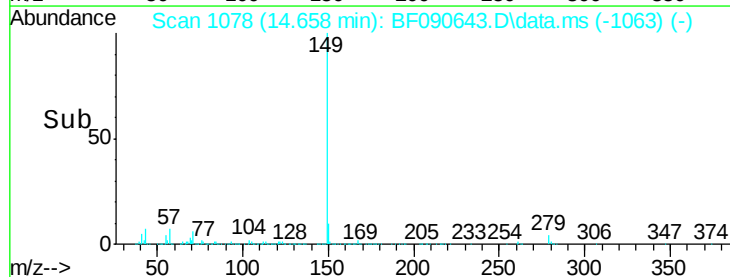
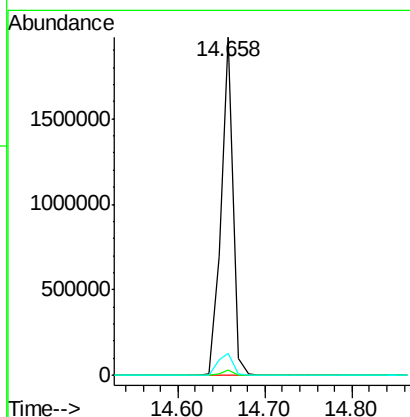
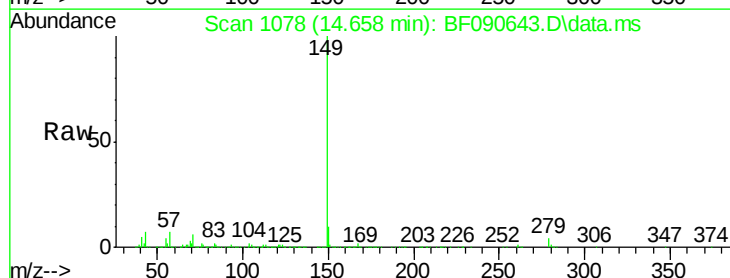
Tgt Ion:149 Resp: 1919155

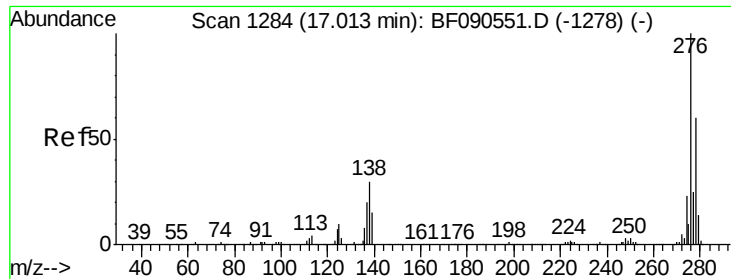
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.0 6.7 10.1

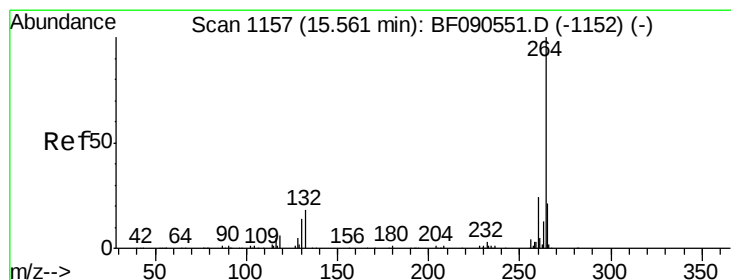
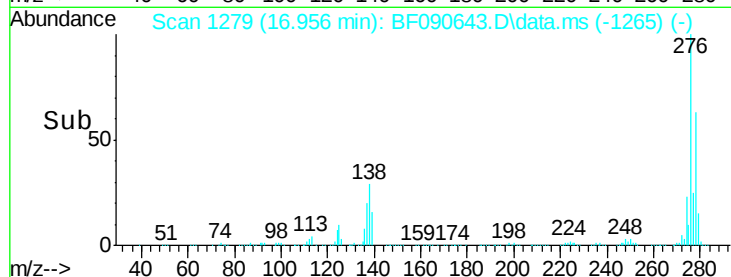
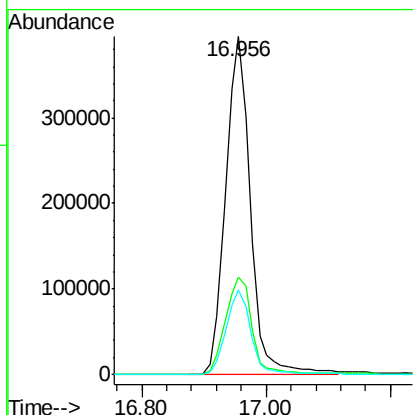
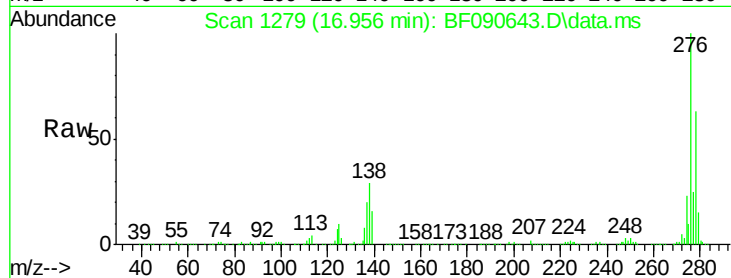




#85
Indeno(1,2,3-cd)pyrene
Concen: 45.14 ng
RT: 16.956 min Scan# 1279
Delta R.T. -0.034 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

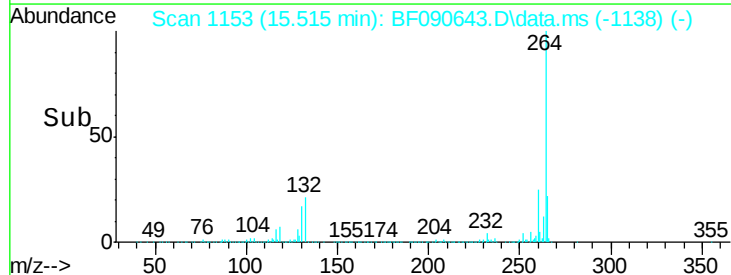
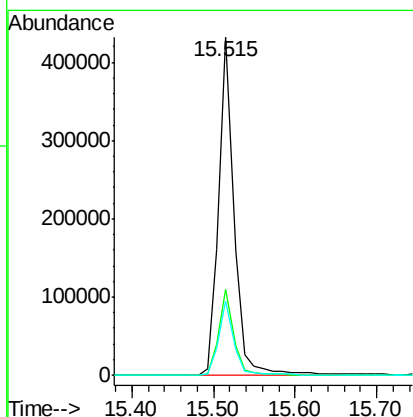
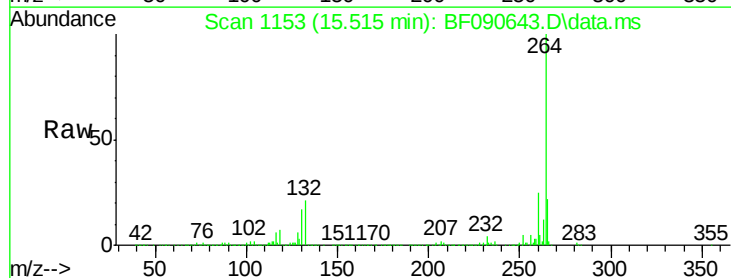
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

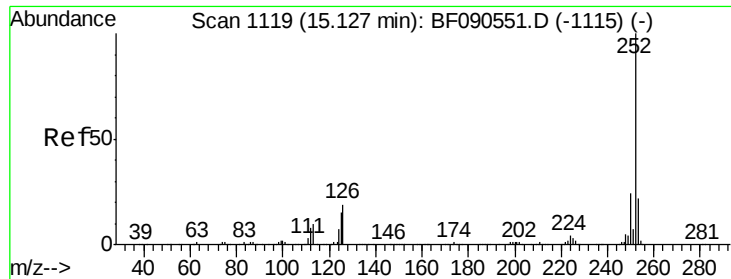
Tot Ion:276 Resp: 1092430
Ion Ratio Lower Upper
276 100
138 31.4 25.8 38.6
277 25.0 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 1153
Delta R.T. -0.023 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

Tgt Ion:264 Resp: 571062
Ion Ratio Lower Upper
264 100
260 25.3 19.3 28.9
265 22.1 16.7 25.1

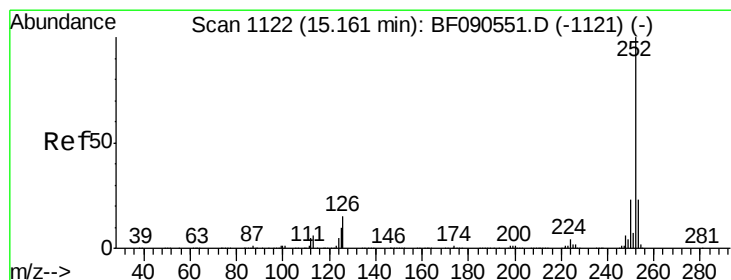
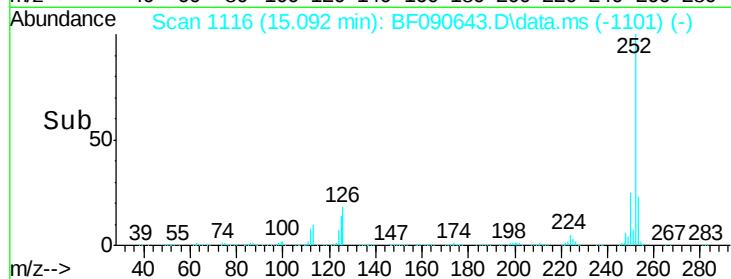
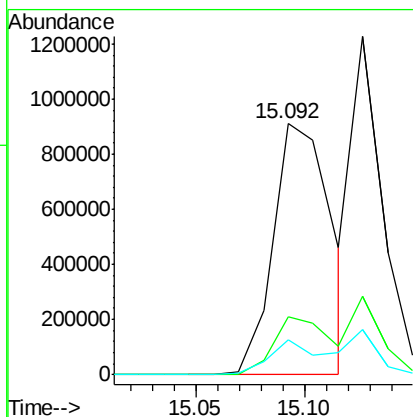
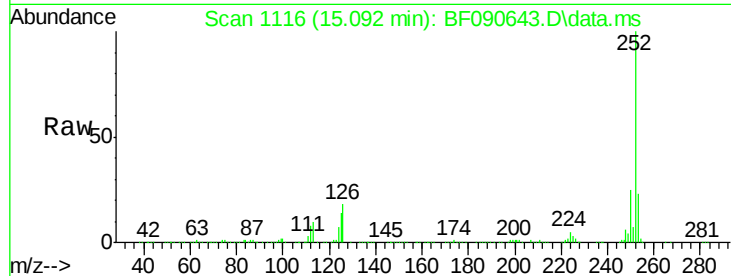




#87
Benzo(b)fluoranthene
Concen: 45.19 ng
RT: 15.092 min Scan# 1116
Delta R.T. -0.023 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

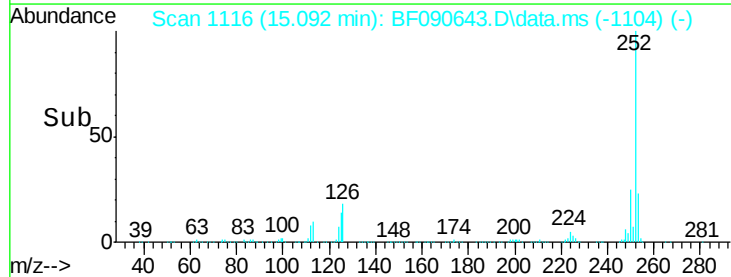
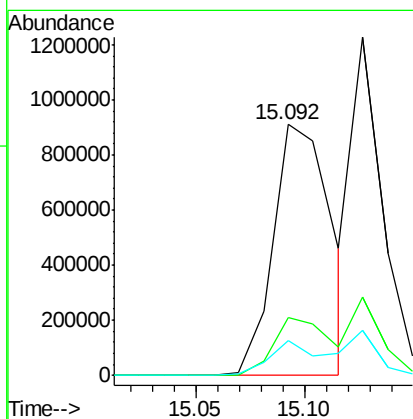
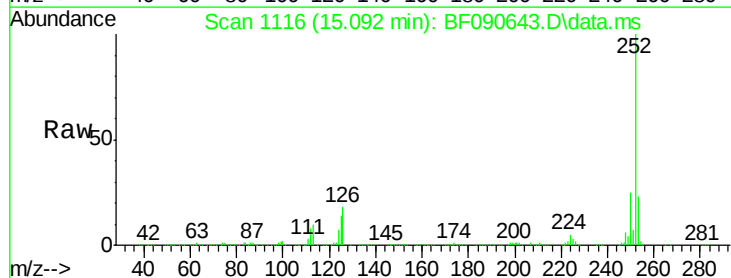
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

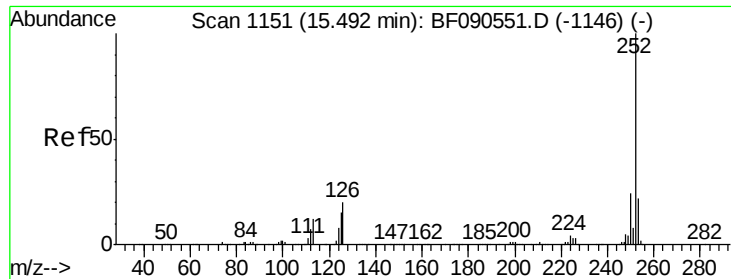
Tot Ion:252 Resp: 1688583
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 14.1 12.0 18.0



#88
Benzo(k)fluoranthene
Concen: 42.00 ng
RT: 15.092 min Scan# 1116
Delta R.T. -0.057 min
Lab File: BF090643.D
Acq: 19 Oct 2016 13:14

Tgt Ion:252 Resp: 1688583
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 14.1 10.0 15.0





#89

Benzo(a)pyrene

Concen: 39.57 ng

RT: 15.458 min Scan# 11

Delta R.T. -0.023 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

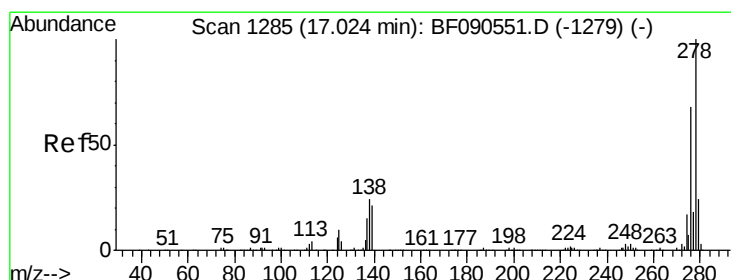
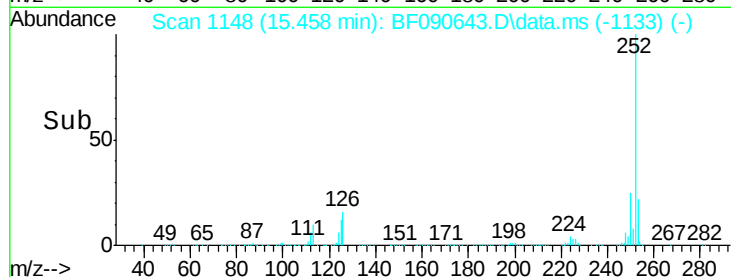
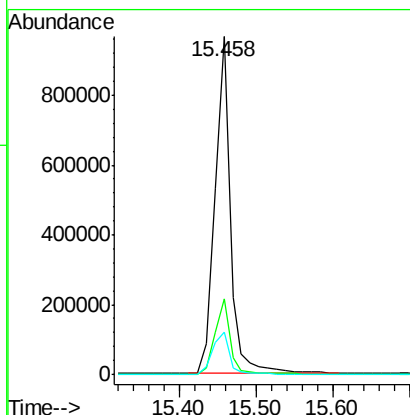
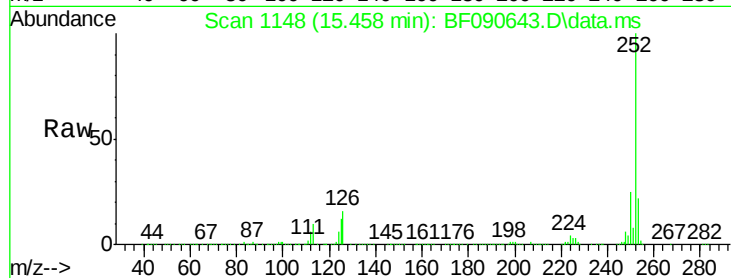
Tot Ion:252 Resp: 1353556

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 12.4 12.3 18.5



#90

Dibenzo(a,h)anthracene

Concen: 36.27 ng

RT: 16.967 min Scan# 1280

Delta R.T. -0.046 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

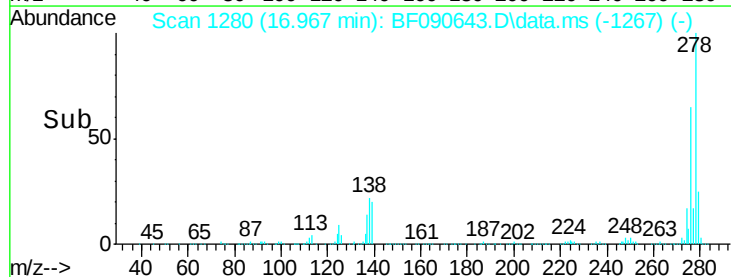
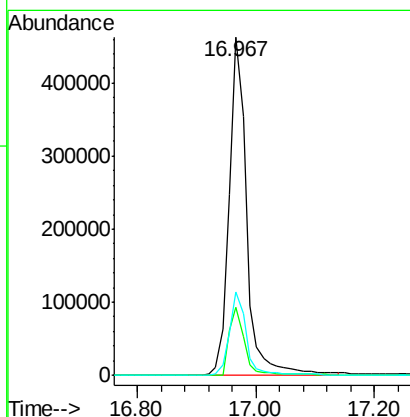
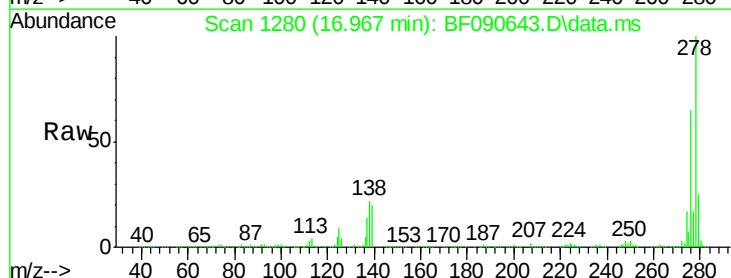
Tgt Ion:278 Resp: 946221

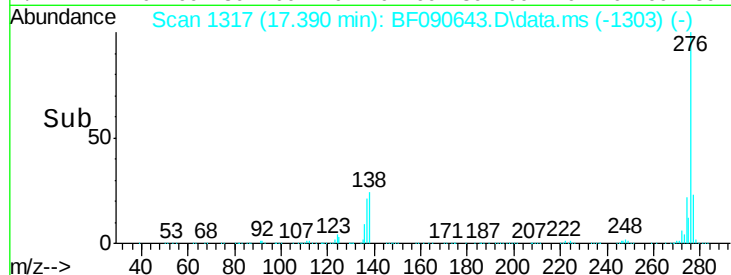
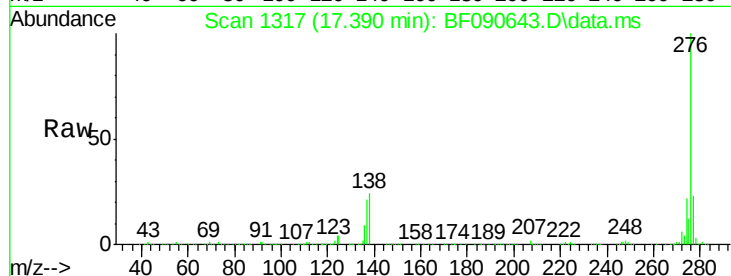
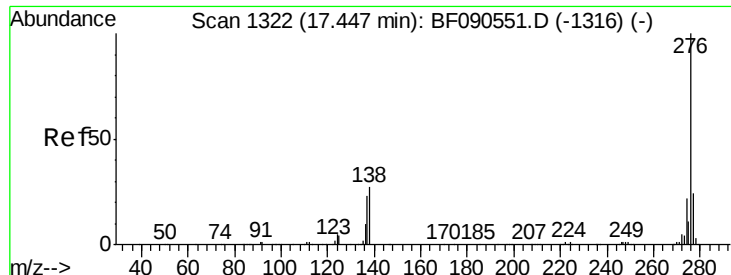
Ion Ratio Lower Upper

278 100

139 20.2 16.6 25.0

279 24.6 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 35.12 ng

RT: 17.390 min Scan# 13

Delta R.T. -0.034 min

Lab File: BF090643.D

Acq: 19 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 873591

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 24.4 21.8 32.8

