

Data Path : Z:\HPCHEM1\BNA F\Data\BF101416\
 Data File : BF090557.D
 Acq On : 14 Oct 2016 8:46
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 14 13:10:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 02:03:28 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.920	152	213235	20.00	ng	0.00	
21) Naphthalene-d8	8.212	136	891598	20.00	ng	0.00	
38) Acenaphthene-d10	9.972	164	468220	20.00	ng	0.00	
63) Phenanthrene-d10	11.458	188	784065	20.00	ng	0.00	
75) Chrysene-d12	14.098	240	680823	20.00	ng	0.00	
86) Perylene-d12	15.561	264	414628	20.00	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.526	112	997319	85.74	ng	0.00	
7) Phenol-d6	6.555	99	1440270	83.33	ng	0.00	
23) Nitrobenzene-d5	7.492	82	1228691	76.55	ng	0.00	
41) 2,4,6-Tribromophenol	10.761	330	388335	93.03	ng	0.00	
44) 2-Fluorobiphenyl	9.286	172	2256498	79.41	ng	0.00	
78) Terphenyl-d14	13.047	244	2297742	78.58	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.566	88	266208	40.16	ng		96
3) Pyridine	3.308	79	622295	41.88	ng		94
4) n-Nitrosodimethylamine	3.263	42	186544	37.01	ng		88
6) Aniline	6.589	93	839650	40.20	ng		95
8) 2-Chlorophenol	6.703	128	617694	40.95	ng		95
9) Benzaldehyde	6.463	77	447490	45.94	ng		91
10) Phenol	6.566	94	821737	41.57	ng		96
11) bis(2-Chloroethyl)ether	6.657	93	678588	41.61	ng		97
12) 1,3-Dichlorobenzene	6.863	146	589720	39.21	ng		96
13) 1,4-Dichlorobenzene	6.943	146	638258	39.02	ng		98
14) 1,2-Dichlorobenzene	7.092	146	611564	39.99	ng		98
15) Benzyl Alcohol	7.069	79	447377	38.00	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.195	45	759107	33.07	ng		95
17) 2-Methylphenol	7.183	107	458600	39.02	ng		97
18) Hexachloroethane	7.435	117	244690	37.85	ng		93
19) n-Nitroso-di-n-propyla...	7.343	70	428998	36.20	ng	#	82
20) 3+4-Methylphenols	7.332	107	555284	38.97	ng		92
22) Acetophenone	7.332	105	777509	39.47	ng		95
24) Nitrobenzene	7.503	77	624904	37.94	ng		95
25) Isophorone	7.743	82	1098101	37.59	ng		96
26) 2-Nitrophenol	7.823	139	323952	43.35	ng		88
27) 2,4-Dimethylphenol	7.869	122	487481	39.31	ng		96
28) bis(2-Chloroethoxy)met...	7.960	93	704610	40.85	ng		100
29) 2,4-Dichlorophenol	8.075	162	449232	41.36	ng		97
30) 1,2,4-Trichlorobenzene	8.155	180	516778	40.62	ng		98
31) Naphthalene	8.235	128	1819904	40.07	ng		100
32) Benzoic acid	7.995	122	324450	42.60	ng		95
33) 4-Chloroaniline	8.280	127	721761	41.58	ng		96
34) Hexachlorobutadiene	8.349	225	299723	42.17	ng		98
35) Caprolactam	8.658	113	139475	46.01	ng	#	80
36) 4-Chloro-3-methylphenol	8.760	107	507076	40.46	ng		96
37) 2-Methylnaphthalene	8.920	142	1095400	41.07	ng		99
39) 1,2,4,5-Tetrachloroben...	9.092	216	530192	42.71	ng		98

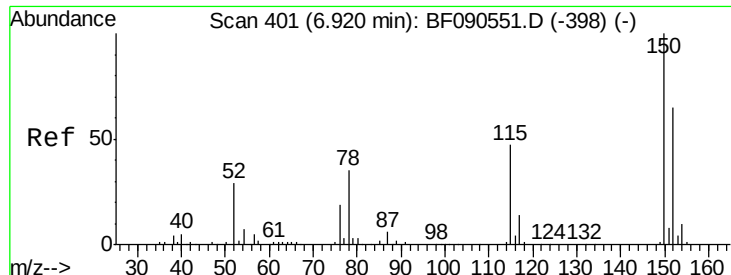
Data Path : Z:\HPCHEM1\BNA F\Data\BF101416\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	9.080	237	264475	43.61	ng	98
42) 2,4,6-Trichlorophenol	9.206	196	315408	45.04	ng	99
43) 2,4,5-Trichlorophenol	9.241	196	356550	42.68	ng	92
45) 1,1'-Biphenyl	9.389	154	1501364	42.14	ng	98
46) 2-Chloronaphthalene	9.412	162	1090538	41.05	ng	98
47) 2-Nitroaniline	9.515	65	357371	37.11	ng	85
48) Acenaphthylene	9.823	152	1635364	38.66	ng	100
49) Dimethylphthalate	9.686	163	1149049	37.82	ng	99
50) 2,6-Dinitrotoluene	9.755	165	280857	42.25	ng	90
51) Acenaphthene	10.006	154	1117311	39.74	ng	99
52) 3-Nitroaniline	9.926	138	352892	42.31	ng	93
53) 2,4-Dinitrophenol	10.029	184	129024	38.89	ng	91
54) Dibenzofuran	10.178	168	1466378	39.65	ng	97
55) 4-Nitrophenol	10.086	139	206883	41.21	ng	86
56) 2,4-Dinitrotoluene	10.155	165	387600	42.93	ng	92
57) Fluorene	10.521	166	1225120	40.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.292	232	311539	44.78	ng	95
59) Diethylphthalate	10.383	149	1208208	39.22	ng	98
60) 4-Chlorophenyl-phenyle...	10.509	204	619214	43.05	ng	97
61) 4-Nitroaniline	10.543	138	346841	41.47	ng	94
62) Azobenzene	10.669	77	1363511	38.26	ng	96
64) 4,6-Dinitro-2-methylph...	10.566	198	193843	40.85	ng	90
65) n-Nitrosodiphenylamine	10.635	169	1023667	39.53	ng	100
66) 4-Bromophenyl-phenylether	11.001	248	361684	42.99	ng	99
67) Hexachlorobenzene	11.069	284	360783	39.50	ng	# 60
68) Atrazine	11.149	200	279591	39.03	ng	98
69) Pentachlorophenol	11.252	266	190519	42.08	ng	96
70) Phenanthrene	11.481	178	1712493	40.92	ng	99
71) Anthracene	11.526	178	1719377	38.17	ng	100
72) Carbazole	11.686	167	1631713	40.47	ng	100
73) Di-n-butylphthalate	12.018	149	1938924	41.04	ng	100
74) Fluoranthene	12.669	202	1771060	42.07	ng	99
76) Benzidine	12.795	184	759270	44.82	ng	99
77) Pyrene	12.898	202	1779080	39.45	ng	99
79) Butylbenzylphthalate	13.515	149	814577	40.78	ng	97
80) Benzo(a)anthracene	14.087	228	1632733	42.13	ng	99
81) 3,3'-Dichlorobenzidine	14.052	252	563629	42.57	ng	100
82) Chrysene	14.121	228	1361373	36.46	ng	98
83) Bis(2-ethylhexyl)phtha...	14.075	149	1170402	43.42	ng	100
84) Di-n-octyl phthalate	14.681	149	1570006	43.44	ng	98
85) Indeno(1,2,3-cd)pyrene	17.013	276	881318	40.82	ng	99
87) Benzo(b)fluoranthene	15.127	252	1240969	45.74	ng	99
88) Benzo(k)fluoranthene	15.127	252	1240969	42.51	ng	# 97
89) Benzo(a)pyrene	15.493	252	990460	39.88	ng	100
90) Dibenzo(a,h)anthracene	17.024	278	767476	40.52	ng	99
91) Benzo(g,h,i)perylene	17.447	276	722152	39.98	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.920 min Scan# 40

Delta R.T. 0.000 min

Lab File: BF090557.D

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Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

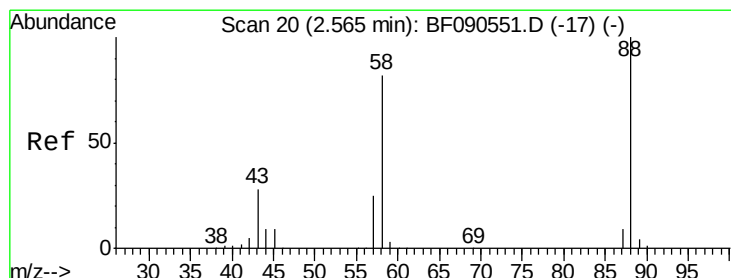
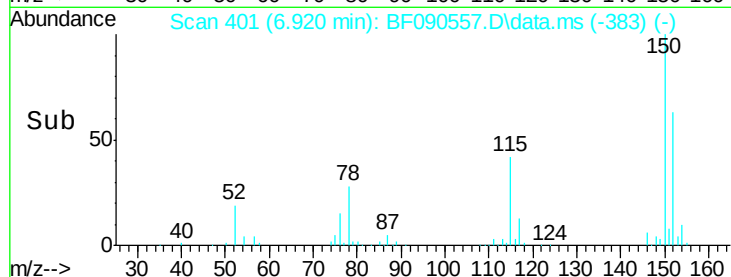
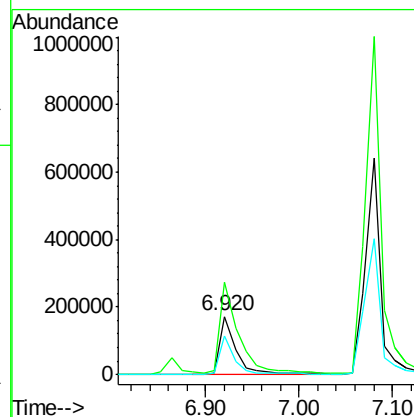
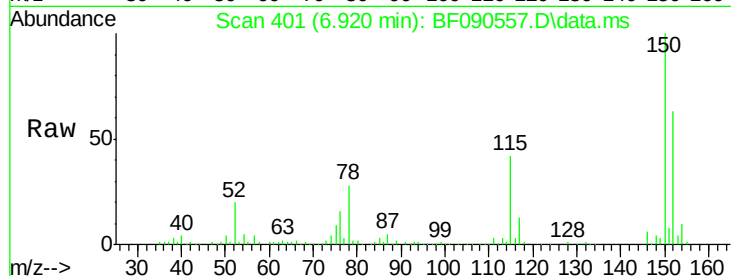
Tot Ion:152 Resp: 213235

Ion Ratio Lower Upper

152 100

150 159.0 127.2 190.8

115 66.5 58.6 88.0



#2

1,4-Dioxane

Concen: 40.16 ng

RT: 2.566 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

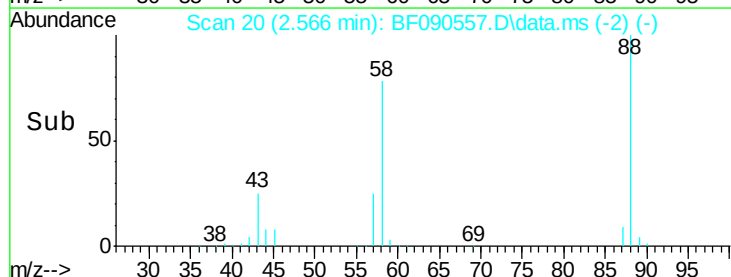
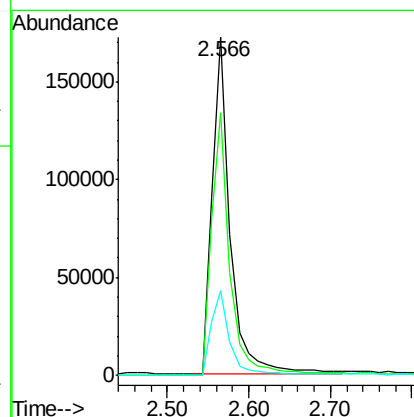
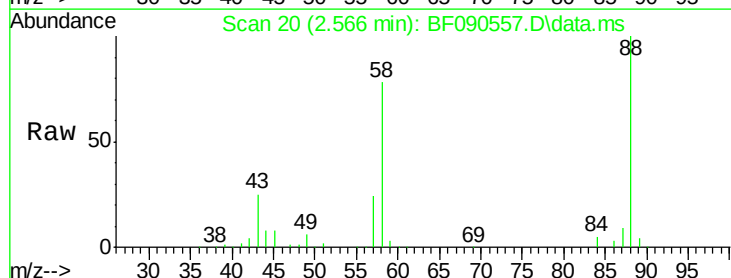
Tgt Ion: 88 Resp: 266208

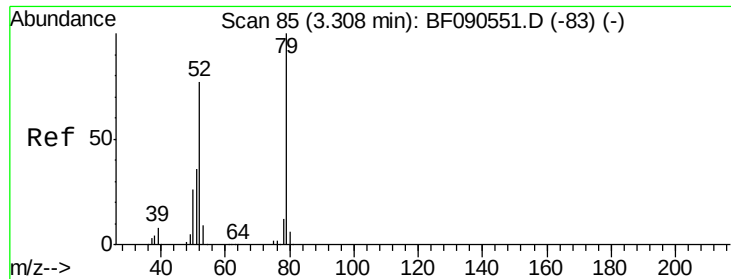
Ion Ratio Lower Upper

88 100

58 80.4 67.2 100.8

43 26.9 24.1 36.1





#3

Pvridine

Concen: 41.88 ng

RT: 3.308 min Scan# 85

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

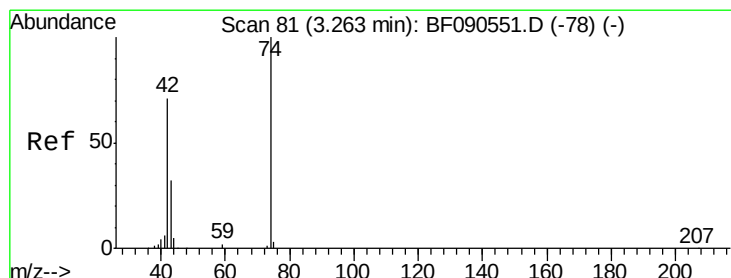
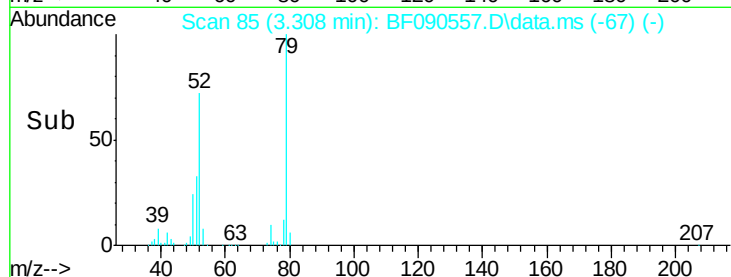
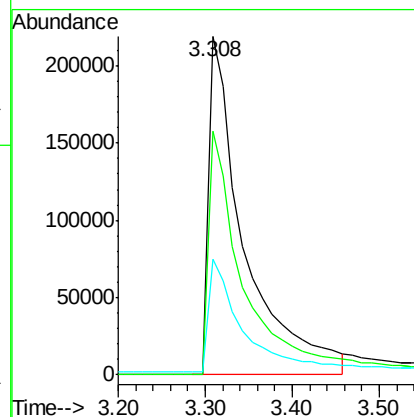
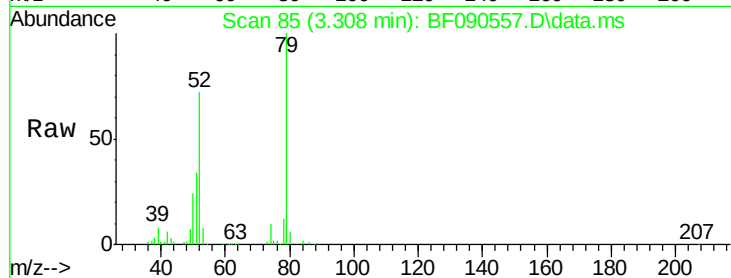
Tot Ion: 79 Resp: 622295

Ion Ratio Lower Upper

79 100

52 71.9 61.8 92.8

51 33.9 29.2 43.8



#4

n-Nitrosodimethylamine

Concen: 37.01 ng

RT: 3.263 min Scan# 81

Delta R.T. 0.001 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

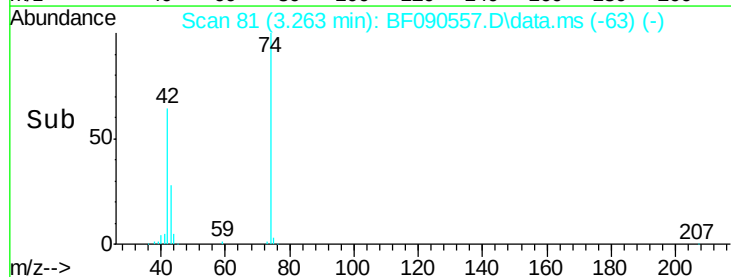
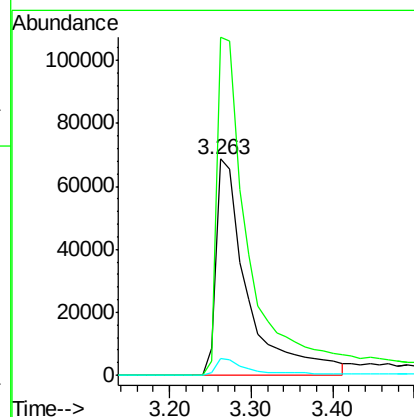
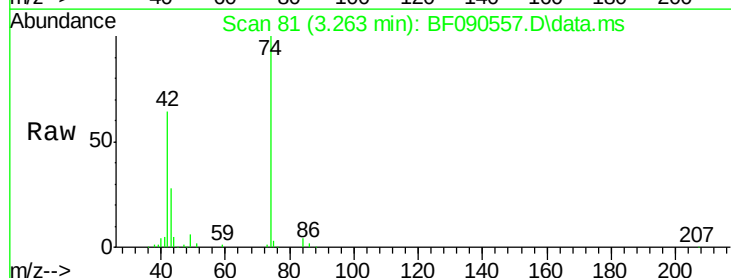
Tgt Ion: 42 Resp: 186544

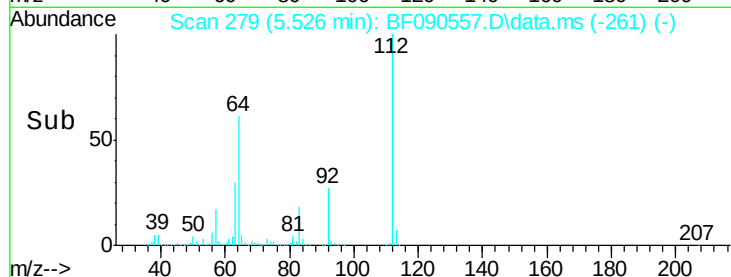
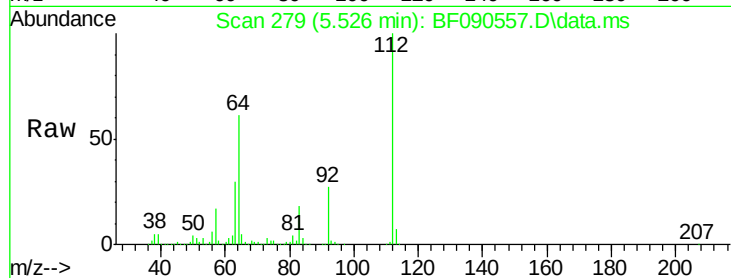
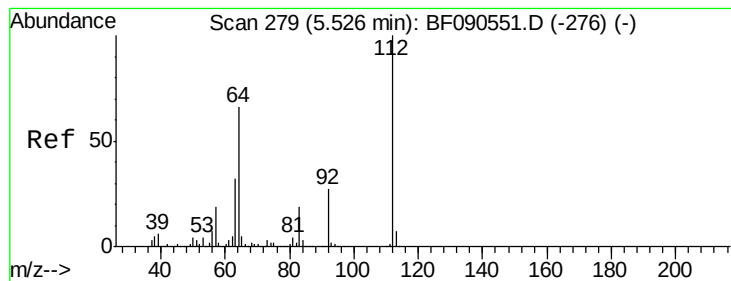
Ion Ratio Lower Upper

42 100

74 156.5 113.3 169.9

44 8.0 6.0 9.0





#5

2-Fluorophenol

Concen: 85.74 ng

RT: 5.526 min Scan# 27

Delta R.T. 0.001 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

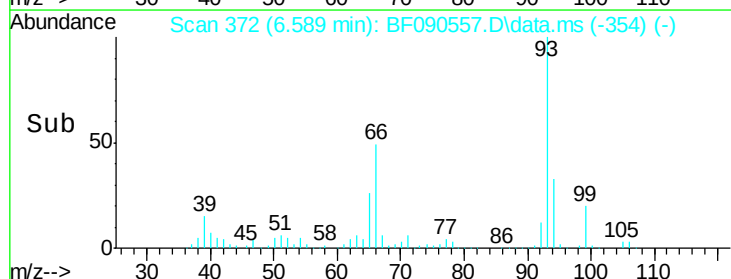
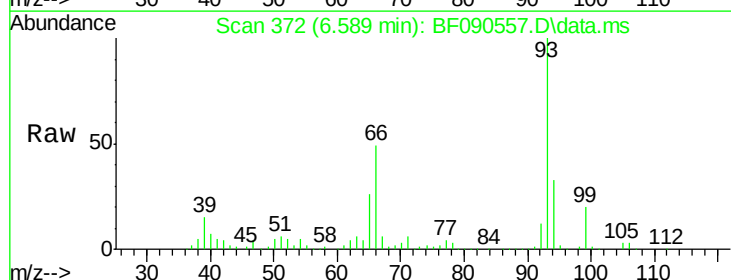
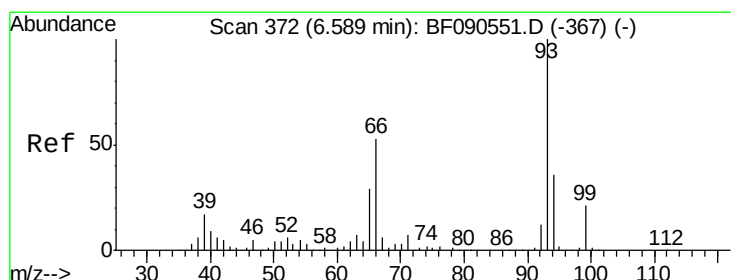
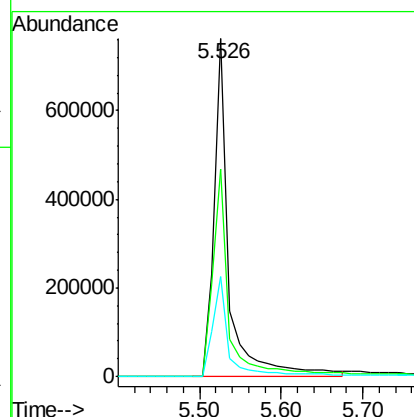
Tot Ion:112 Resp: 997319

Ion Ratio Lower Upper

112 100

64 61.3 52.6 78.8

63 29.7 26.0 39.0



#6

Aniline

Concen: 40.20 ng

RT: 6.589 min Scan# 372

Delta R.T. 0.001 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

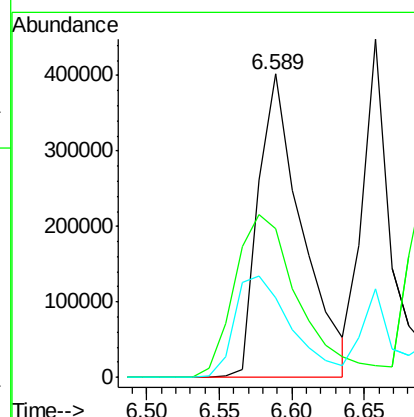
Tgt Ion: 93 Resp: 839650

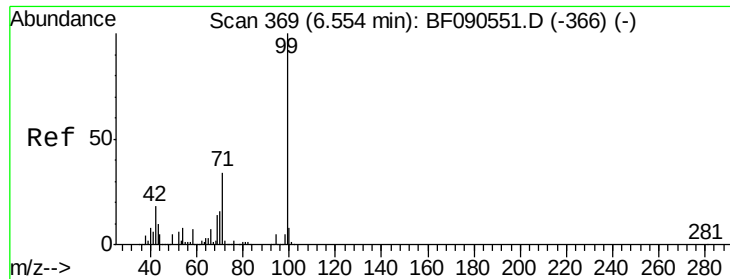
Ion Ratio Lower Upper

93 100

66 49.0 42.2 63.2

65 26.3 22.9 34.3





#7

Phenol-d6

Concen: 83.33 ng

RT: 6.555 min Scan# 369

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

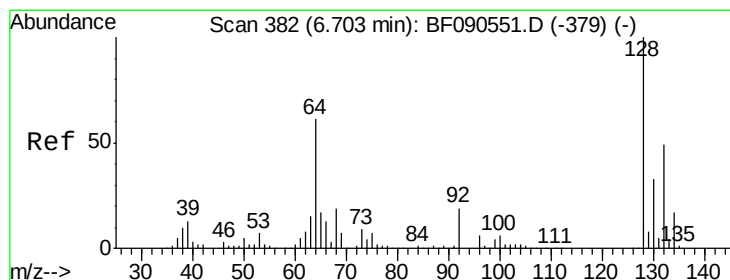
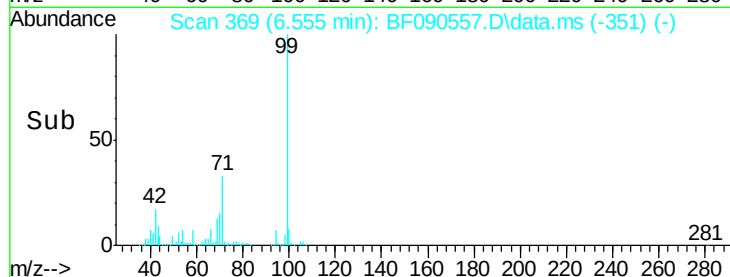
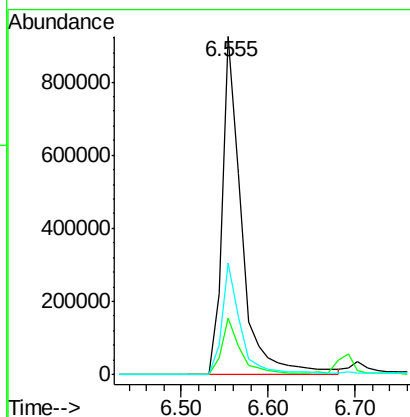
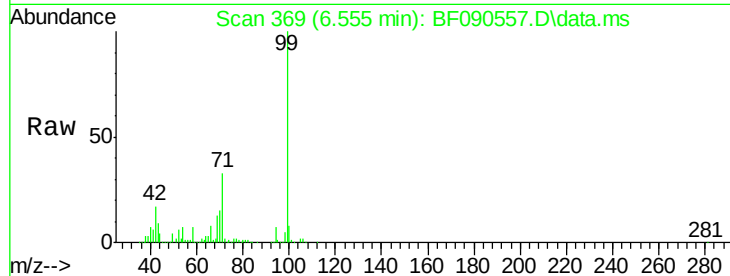
Tot Ion: 99 Resp: 1440270

Ion Ratio Lower Upper

99 100

42 16.9 14.7 22.1

71 33.1 27.6 41.4



#8

2-Chlorophenol

Concen: 40.95 ng

RT: 6.703 min Scan# 382

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

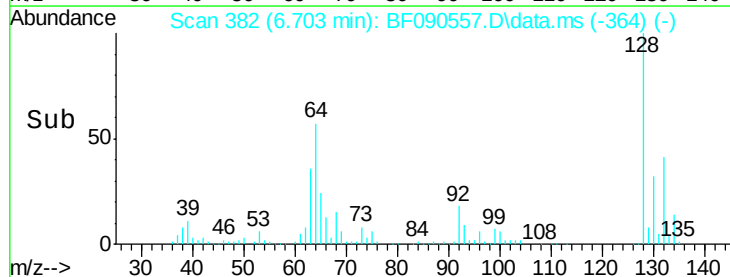
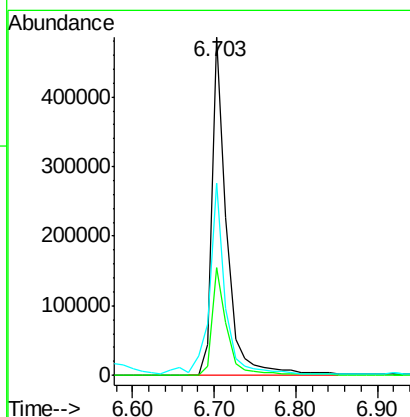
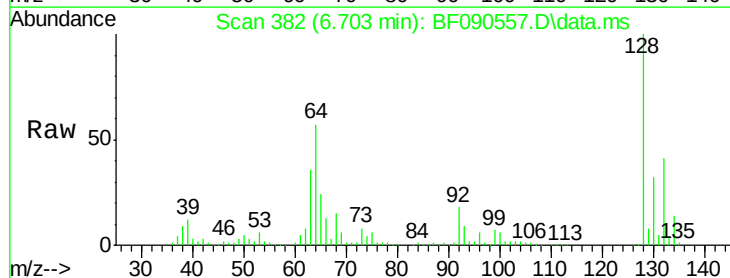
Tgt Ion: 128 Resp: 617694

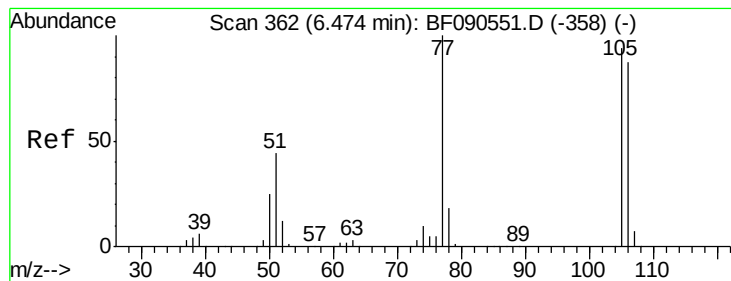
Ion Ratio Lower Upper

128 100

130 31.9 12.6 52.6

64 56.8 42.6 82.6





#9

Benzaldehyde

Concen: 45.94 ng

RT: 6.463 min Scan# 361

Delta R.T. -0.011 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

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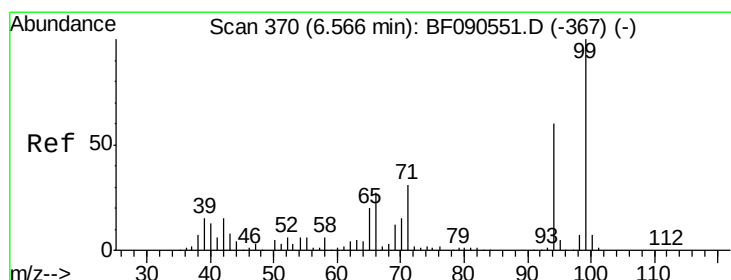
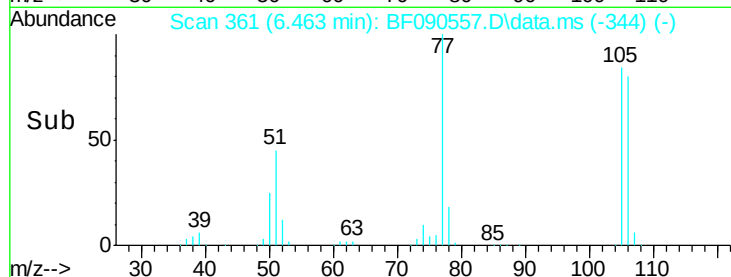
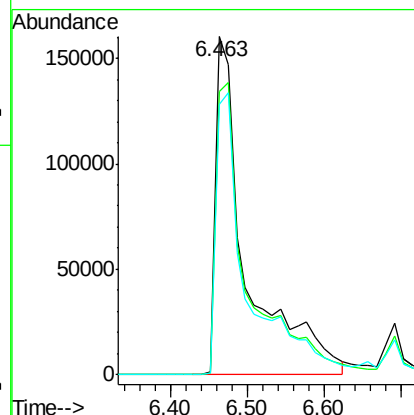
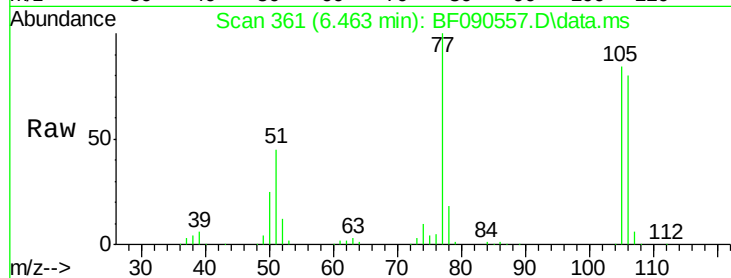
Tot Ion: 77 Resp: 447490

Ion Ratio Lower Upper

77 100

105 83.8 74.3 114.3

106 79.9 67.2 107.2



#10

Phenol

Concen: 41.57 ng

RT: 6.566 min Scan# 370

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

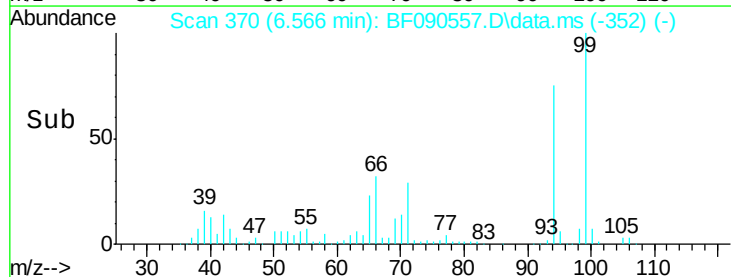
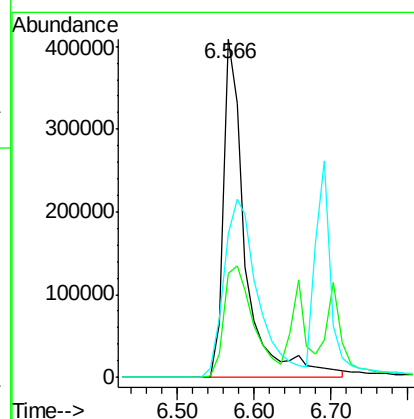
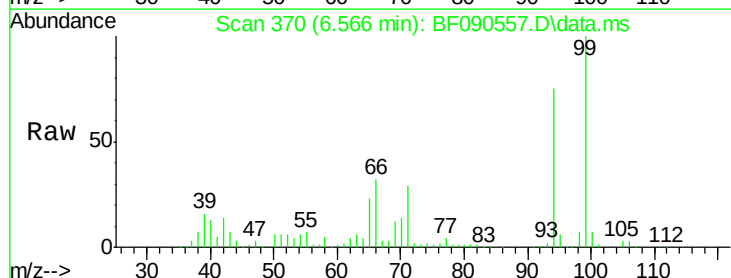
Tgt Ion: 94 Resp: 821737

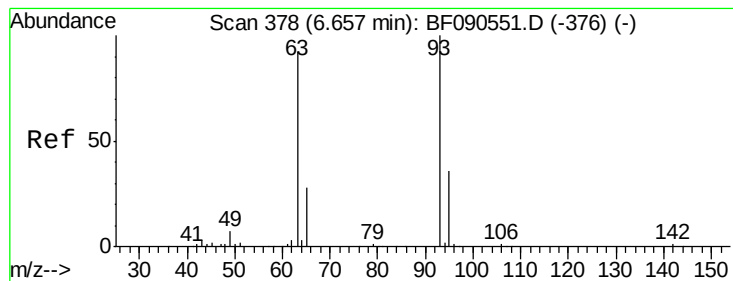
Ion Ratio Lower Upper

94 100

65 30.9 12.5 52.5

66 42.5 25.5 65.5

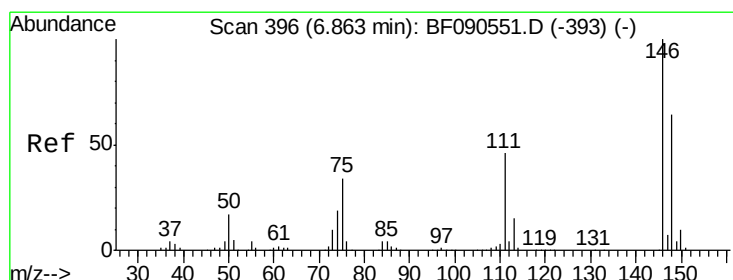
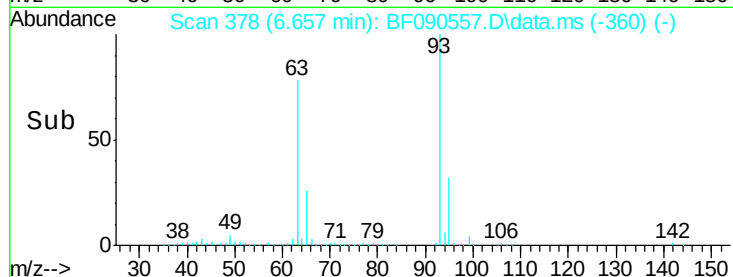
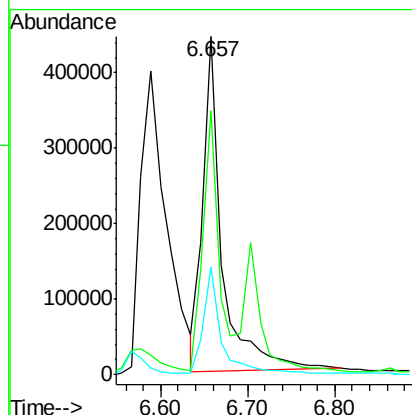
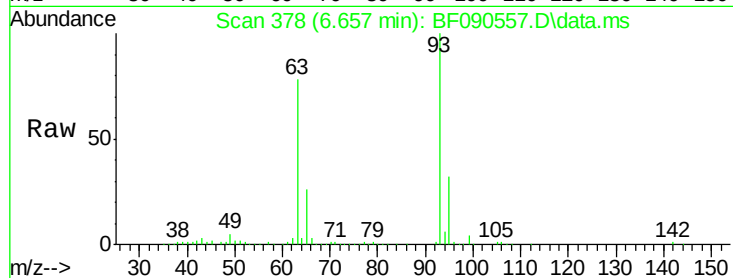




#11
 bis(2-Chloroethyl)ether
 Concen: 41.61 ng
 RT: 6.657 min Scan# 378
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

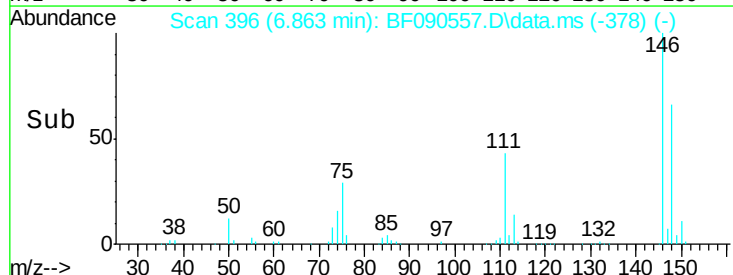
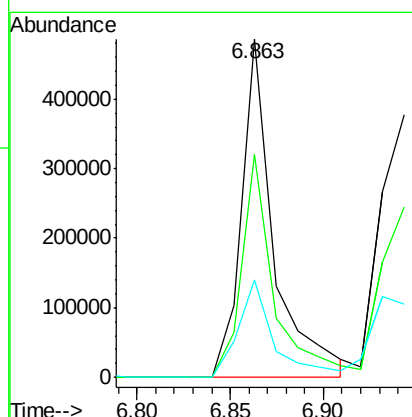
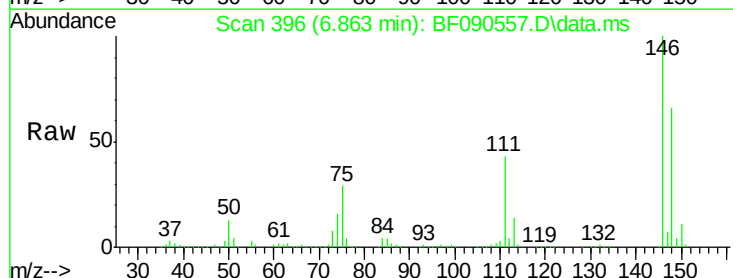
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

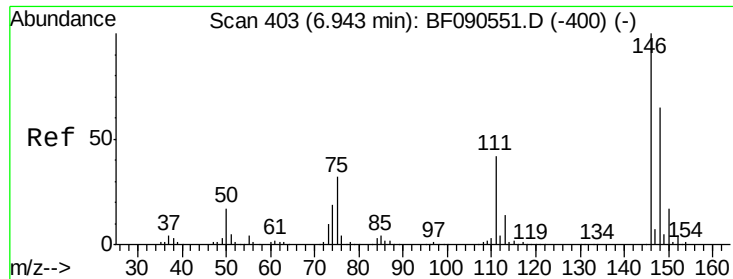
Tot Ion: 93 Resp: 678588
 Ion Ratio Lower Upper
 93 100
 63 78.0 61.6 101.6
 95 32.0 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 39.21 ng
 RT: 6.863 min Scan# 396
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

Tgt Ion: 146 Resp: 589720
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.4 77.2
 75 28.7 27.0 40.6

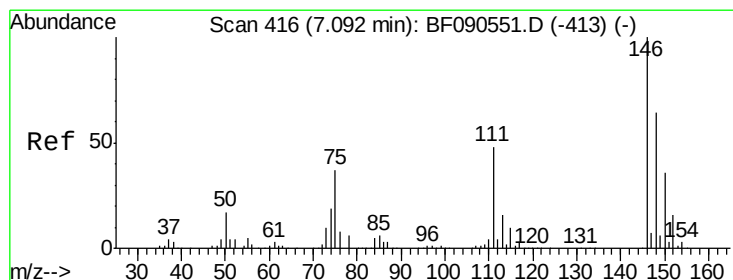
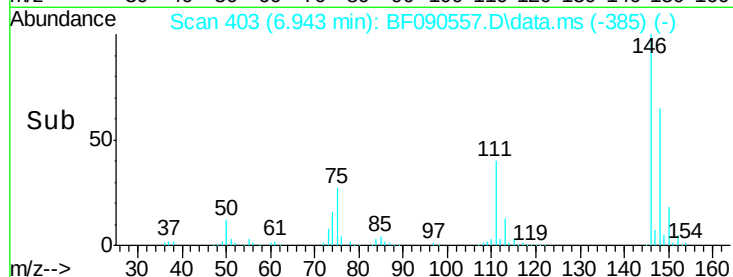
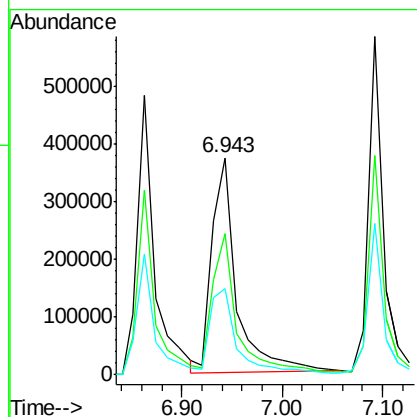
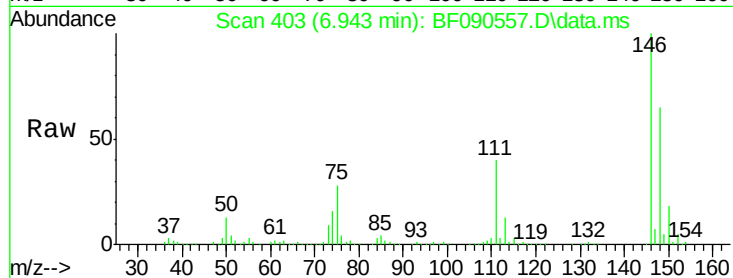




#13
 1,4-Dichlorobenzene
 Concen: 39.02 ng
 RT: 6.943 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

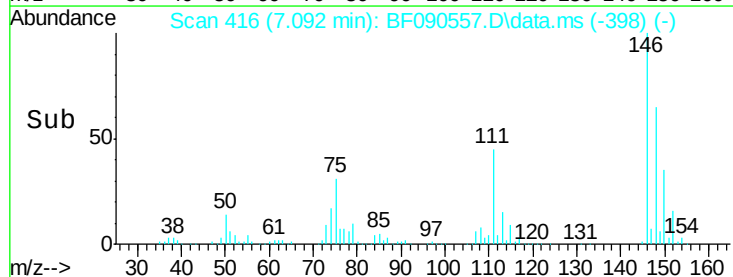
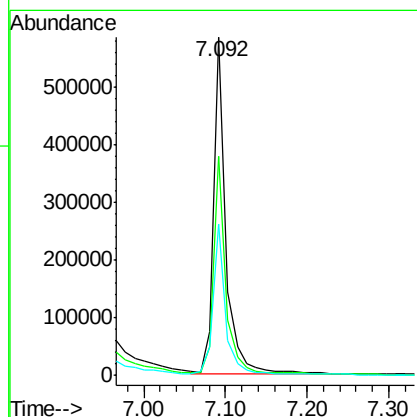
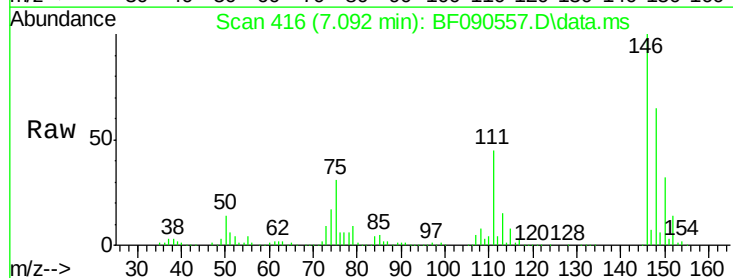
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

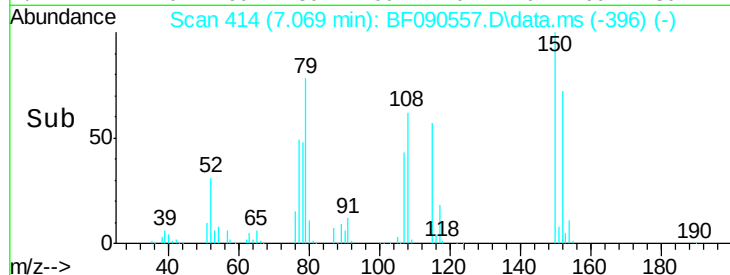
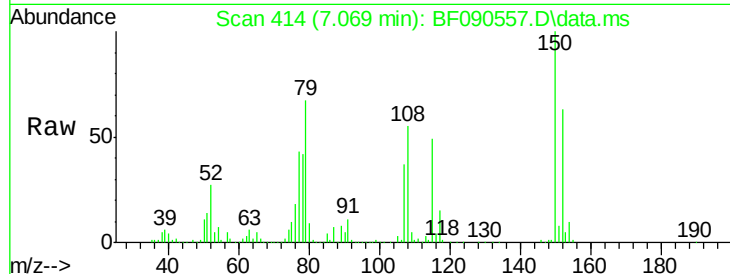
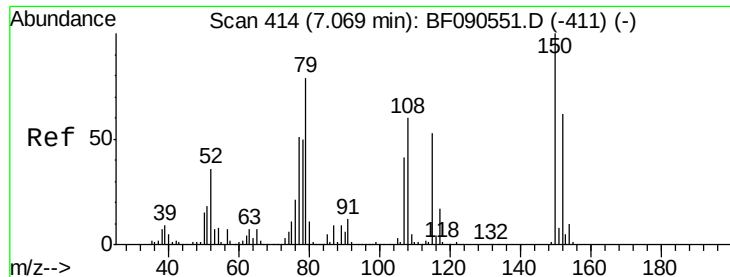
Tot Ion:146 Resp: 638258
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.9 77.9
 111 39.8 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 39.99 ng
 RT: 7.092 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

Tgt Ion:146 Resp: 611564
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.2 76.8
 111 44.9 38.2 57.2

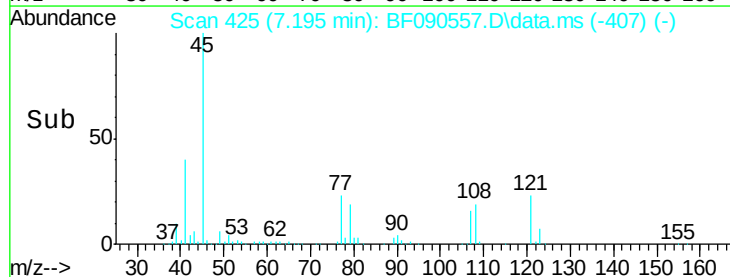
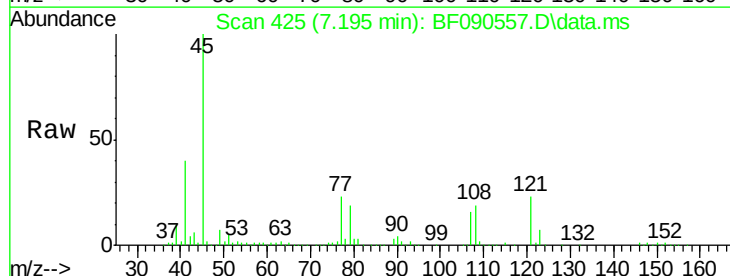
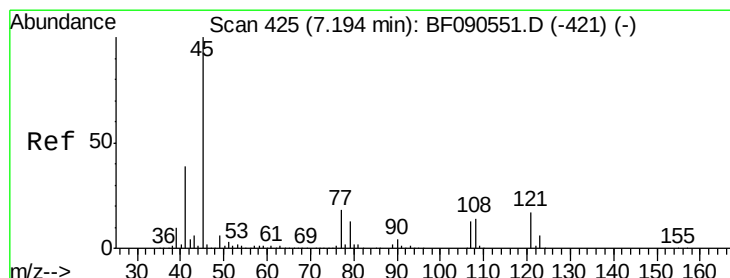
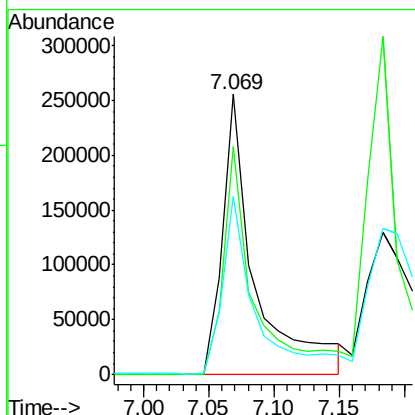




#15
Benzvl Alcohol
Concen: 38.00 ng
RT: 7.069 min Scan# 41
Delta R.T. 0.001 min
Lab File: BF090557.D
Acq: 14 Oct 2016 8:46

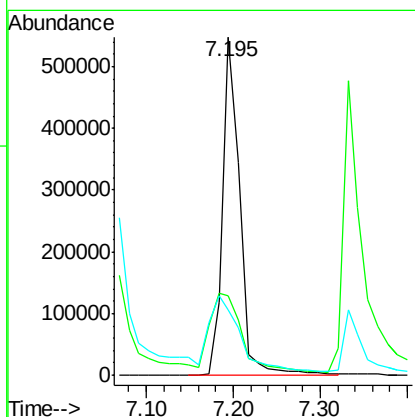
Tot Ion	79	108	77
Resp:	447377		
Ratio	100	81.4	63.4
Lower		60.2	52.0
Upper		90.4	78.0

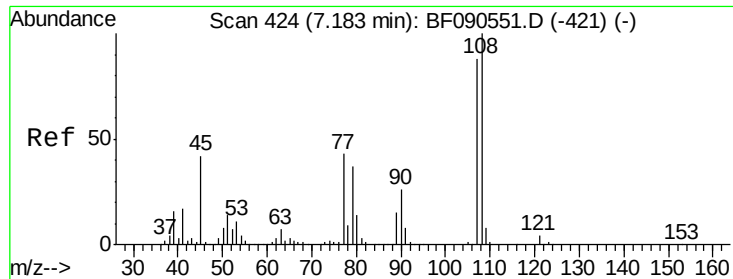
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.07 ng
RT: 7.195 min Scan# 425
Delta R.T. 0.000 min
Lab File: BF090557.D
Acq: 14 Oct 2016 8:46

Tgt Ion	45	77	79
Resp:	759107		
Ratio	100	23.5	19.5
Lower		0.9	0.0
Upper		40.9	37.3

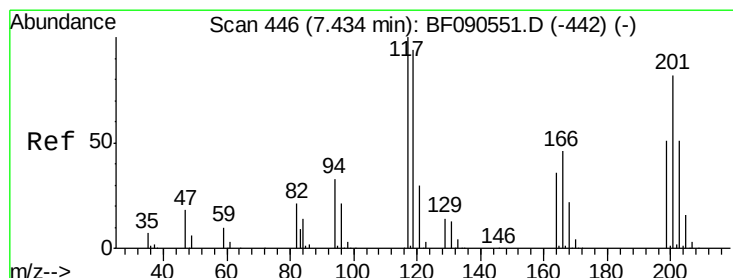
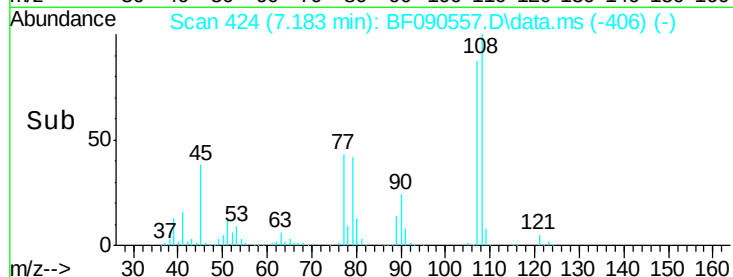
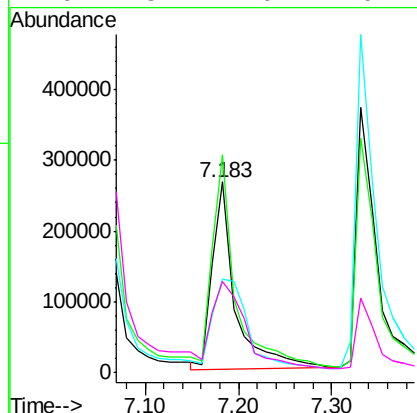
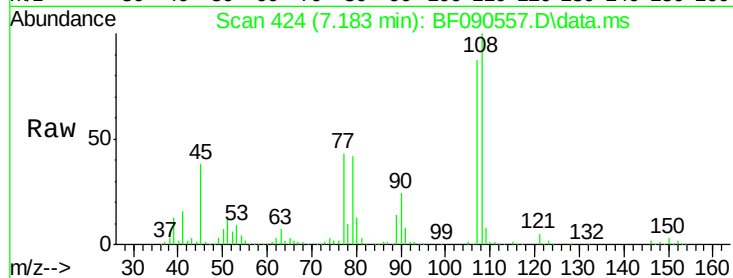




#17
2-Methylphenol
Concen: 39.02 ng
RT: 7.183 min Scan# 42
Delta R.T. 0.000 min
Lab File: BF090557.D
Acq: 14 Oct 2016 8:46

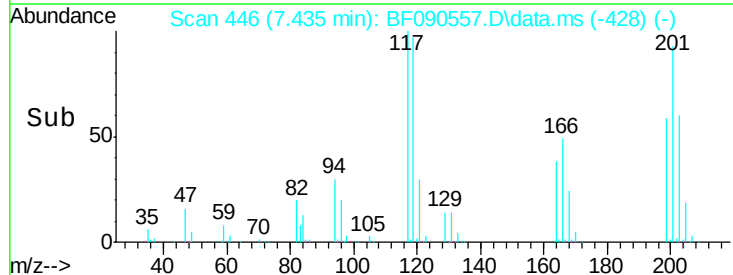
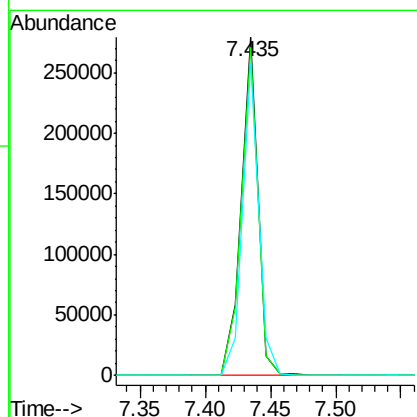
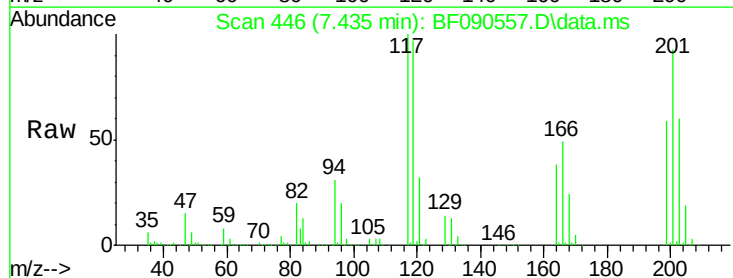
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

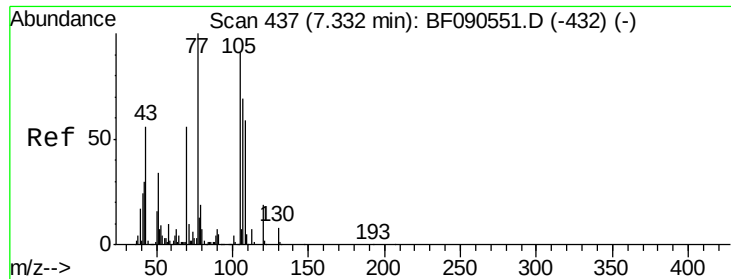
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	92.6	138.8
77	49.5	42.2	63.2
79	48.1	40.7	61.1



#18
Hexachloroethane
Concen: 37.85 ng
RT: 7.435 min Scan# 446
Delta R.T. 0.000 min
Lab File: BF090557.D
Acq: 14 Oct 2016 8:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.6	113.4
201	92.6	65.4	98.0

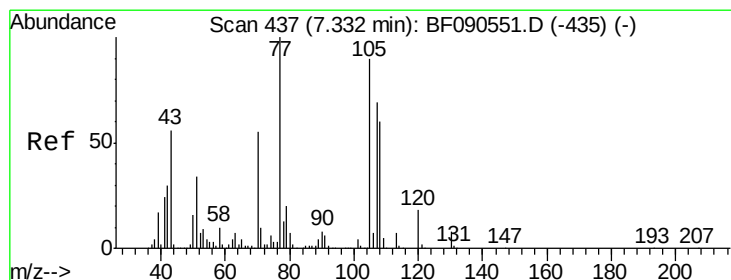
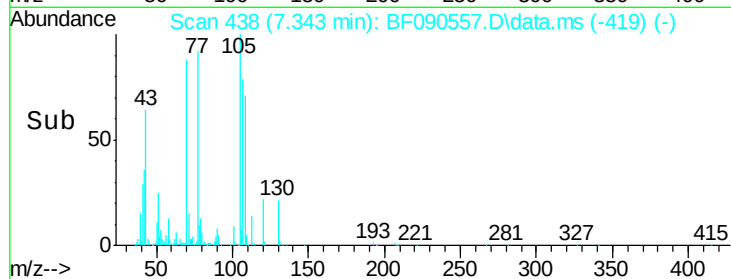
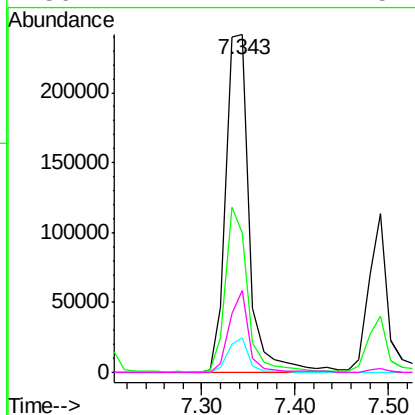
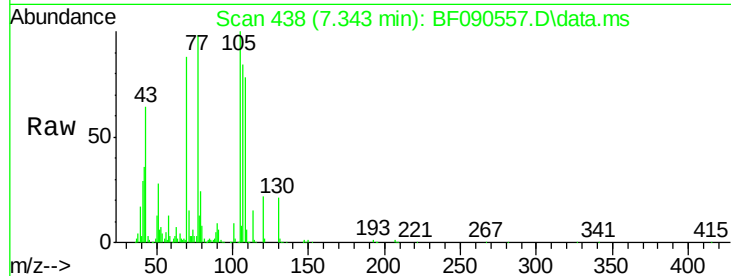




#19
n-Nitroso-di-n-propylamine
Concen: 36.20 ng
RT: 7.343 min Scan# 437
Delta R.T. 0.012 min
Lab File: BF090557.D
Acq: 14 Oct 2016 8:46

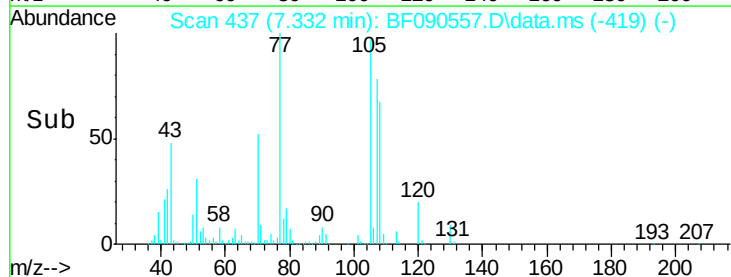
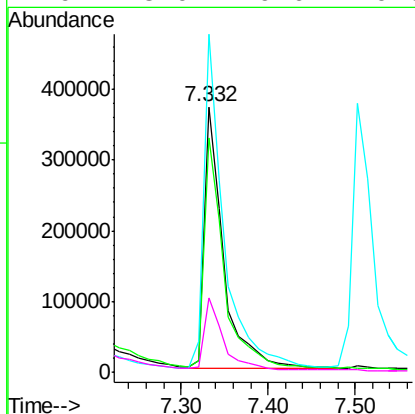
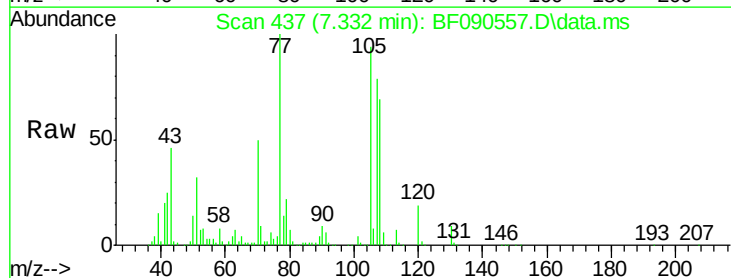
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

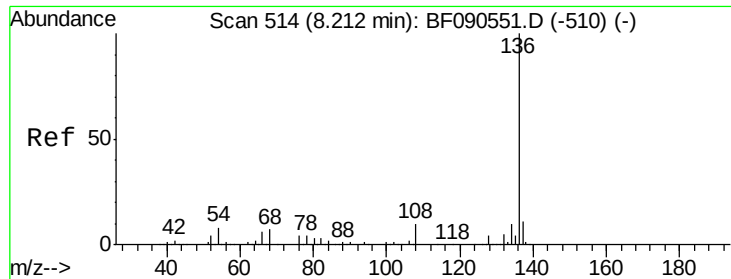
Tot Ion: 70 Resp: 428998
Ion Ratio Lower Upper
70 100
42 41.3 43.4 65.0#
101 10.3 6.4 9.6#
130 24.1 12.1 18.1#



#20
3+4-Methylphenols
Concen: 38.97 ng
RT: 7.332 min Scan# 437
Delta R.T. 0.001 min
Lab File: BF090557.D
Acq: 14 Oct 2016 8:46

Tgt Ion: 107 Resp: 555284
Ion Ratio Lower Upper
107 100
108 88.1 67.7 107.7
77 127.2 123.1 163.1
79 28.0 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.212 min Scan# 51

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 891598

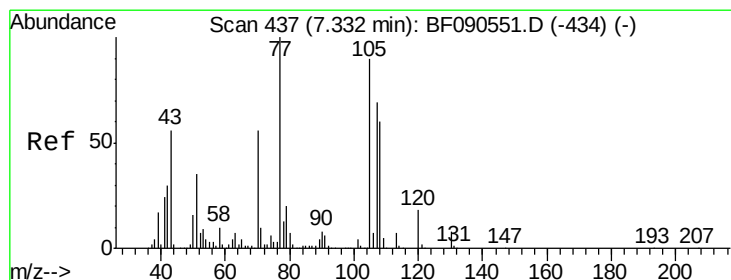
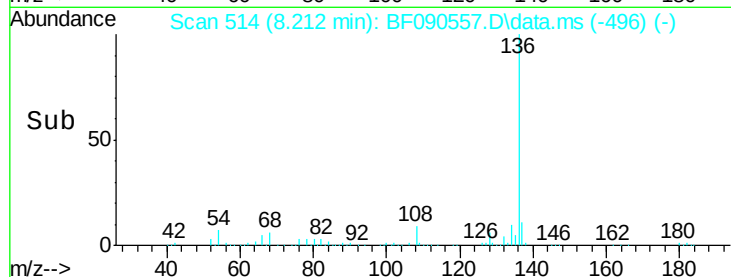
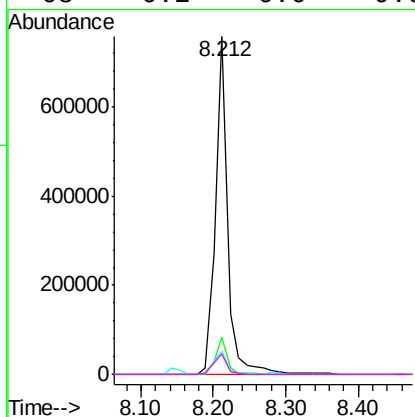
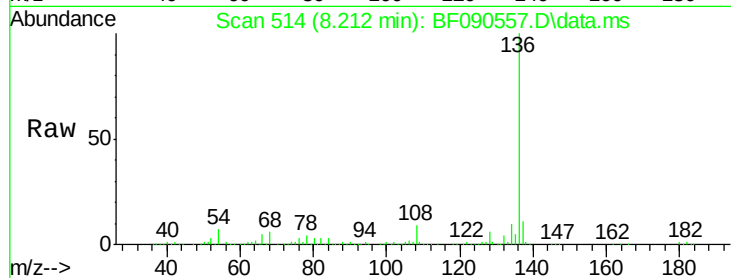
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.7 6.8 10.2#

68 6.2 6.0 9.0



#22

Acetophenone

Concen: 39.47 ng

RT: 7.332 min Scan# 437

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Tgt Ion:105 Resp: 777509

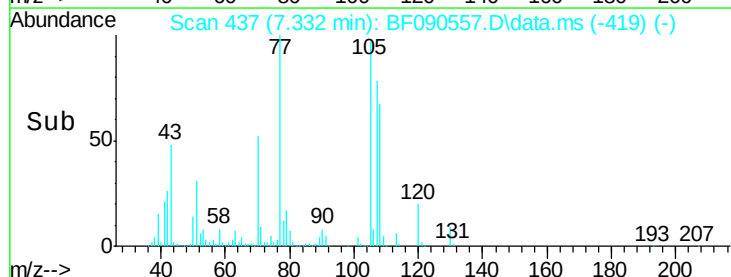
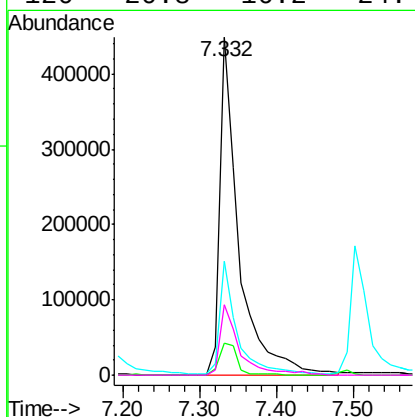
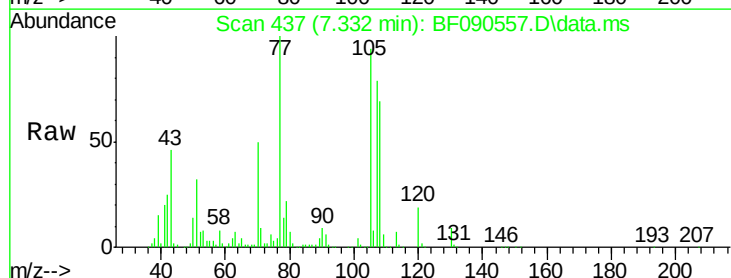
Ion Ratio Lower Upper

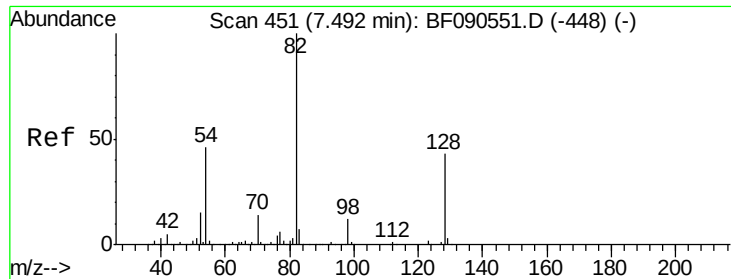
105 100

71 9.4 8.5 12.7

51 33.6 31.0 46.4

120 20.8 16.2 24.4

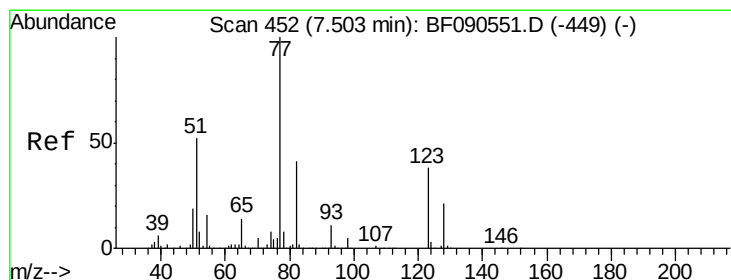
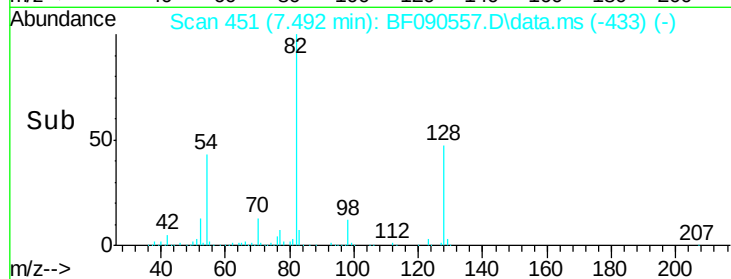
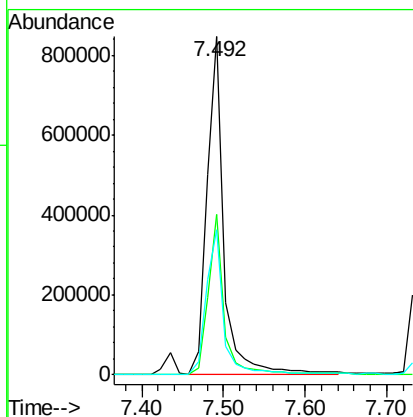
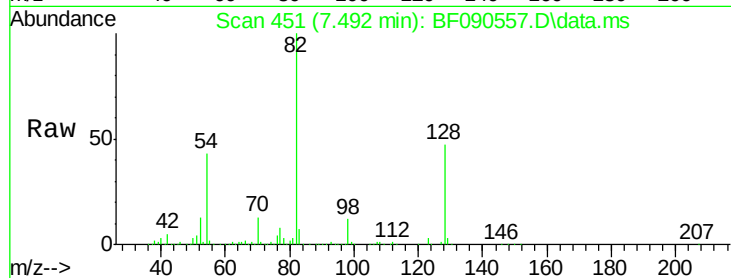




#23
 Nitrobenzene-d5
 Concen: 76.55 ng
 RT: 7.492 min Scan# 451
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

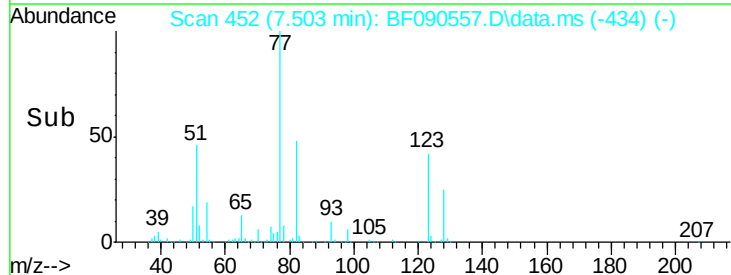
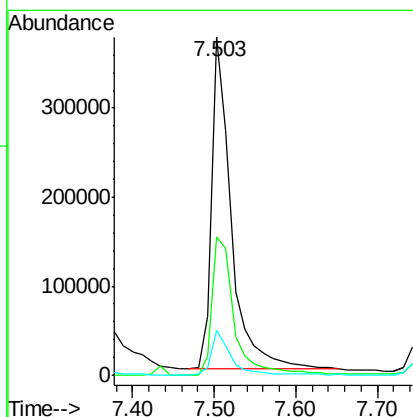
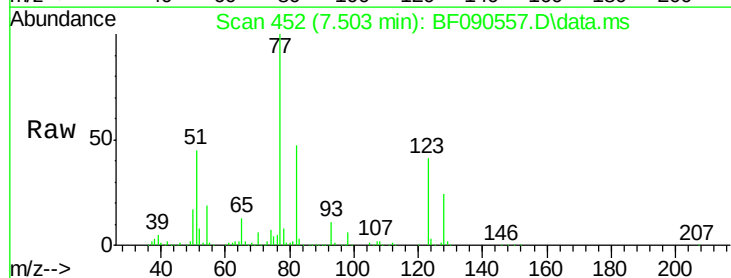
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

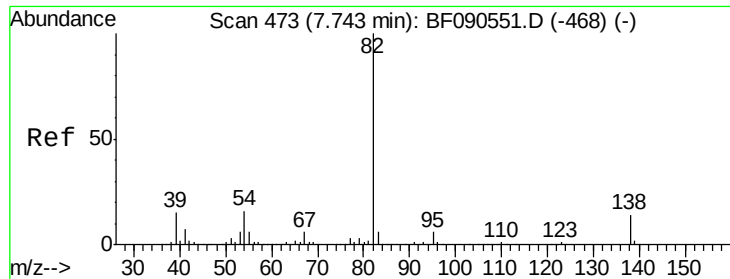
Tot Ion: 82 Resp: 1228691
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.3 51.5
 54 43.0 37.0 55.6



#24
 Nitrobenzene
 Concen: 37.94 ng
 RT: 7.503 min Scan# 452
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

Tgt Ion: 77 Resp: 624904
 Ion Ratio Lower Upper
 77 100
 123 40.9 29.8 44.6
 65 13.2 10.9 16.3





#25

Isophorone

Concen: 37.59 ng

RT: 7.743 min Scan# 47

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

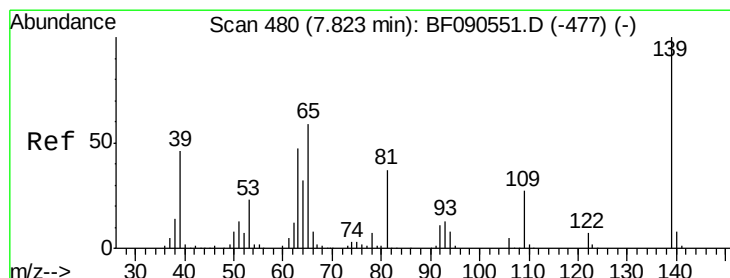
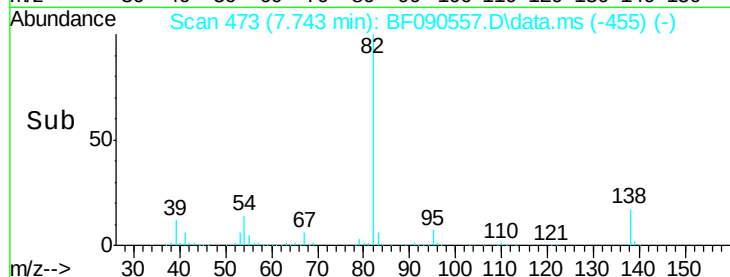
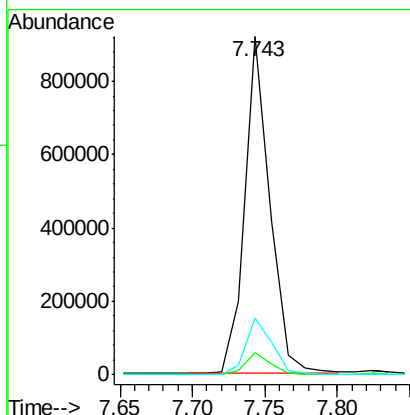
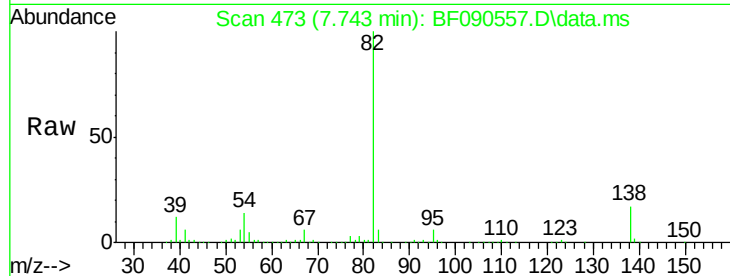
Tot Ion: 82 Resp: 1098101

Ion Ratio Lower Upper

82 100

95 6.5 5.0 7.6

138 16.5 11.5 17.3



#26

2-Nitrophenol

Concen: 43.35 ng

RT: 7.823 min Scan# 480

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

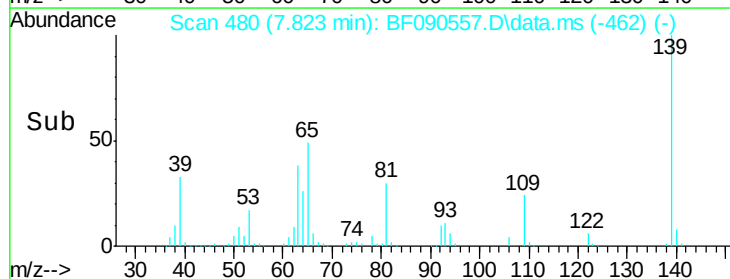
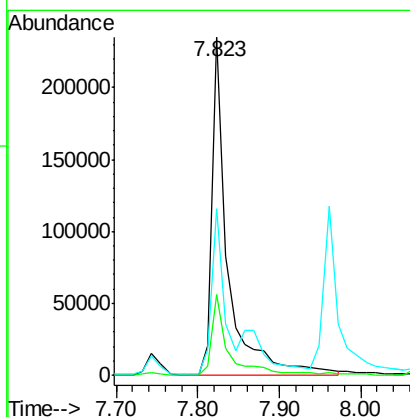
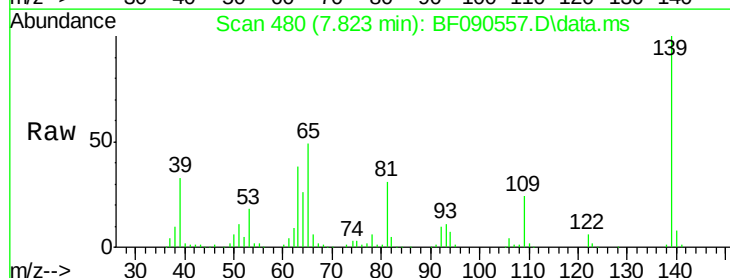
Tgt Ion: 139 Resp: 323952

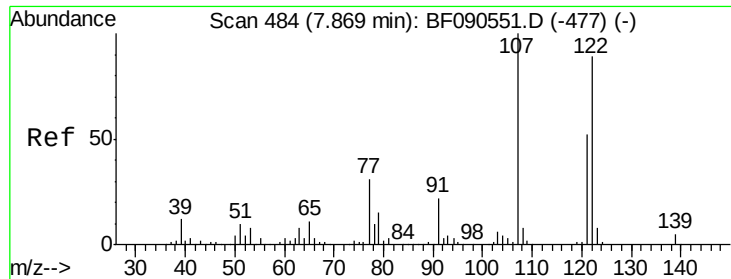
Ion Ratio Lower Upper

139 100

109 23.9 21.8 32.6

65 49.1 47.7 71.5





#27

2,4-Dimethylphenol

Concen: 39.31 ng

RT: 7.869 min Scan# 484

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

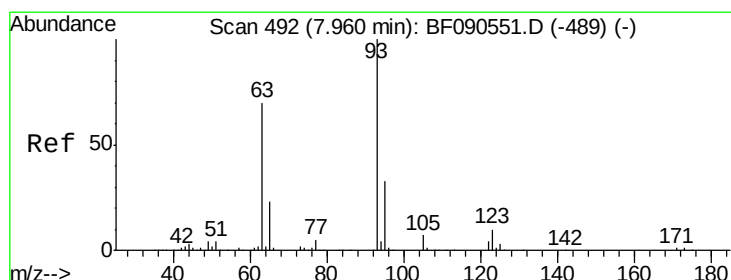
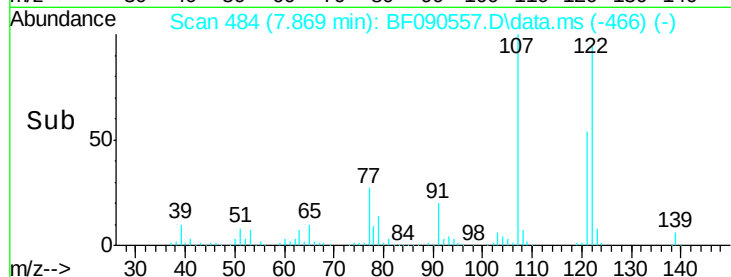
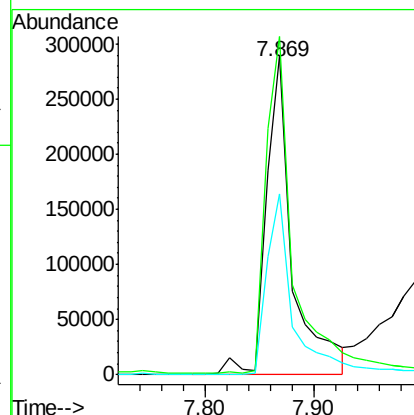
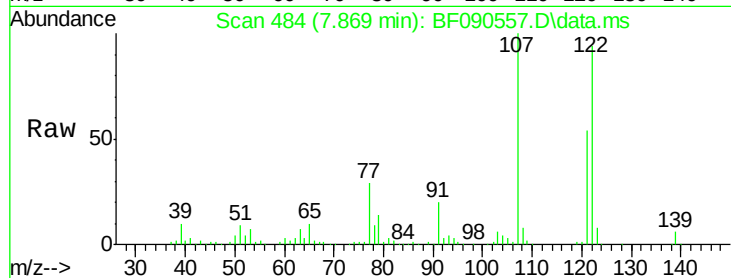
Tot Ion:122 Resp: 487481

Ion Ratio Lower Upper

122 100

107 106.2 89.8 134.6

121 56.8 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.85 ng

RT: 7.960 min Scan# 492

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

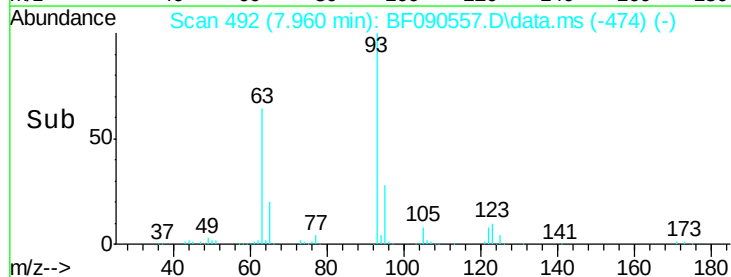
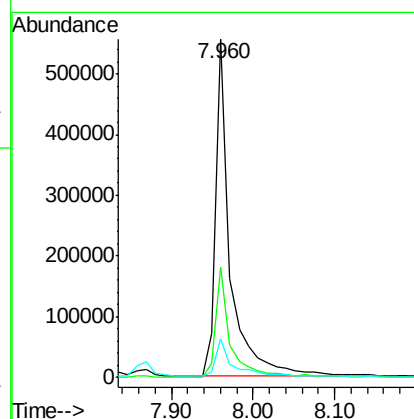
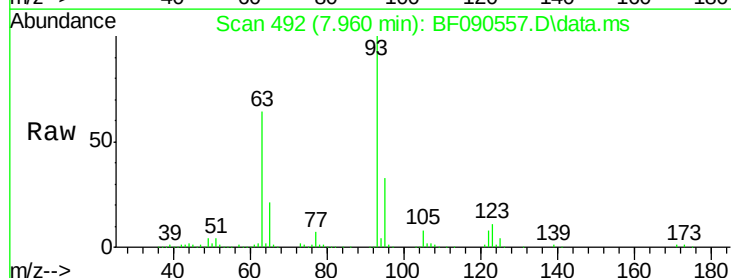
Tgt Ion: 93 Resp: 704610

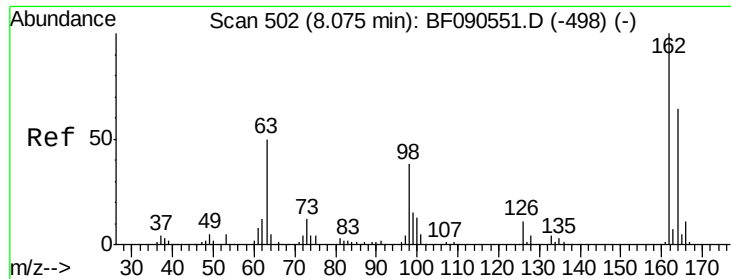
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 11.4 8.6 13.0

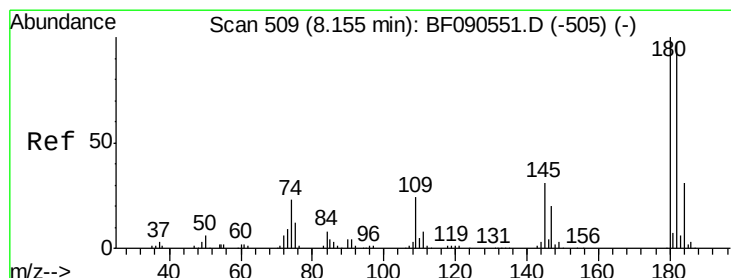
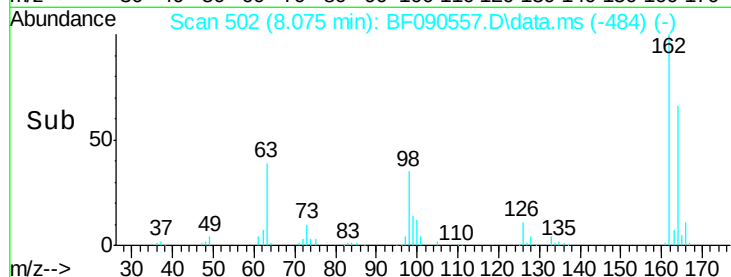
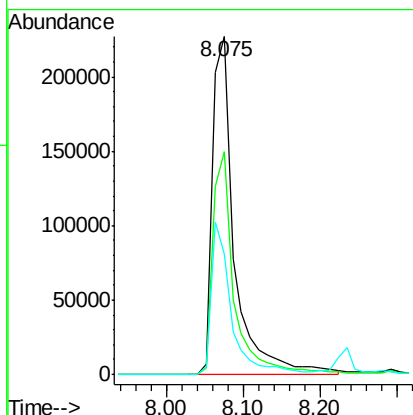
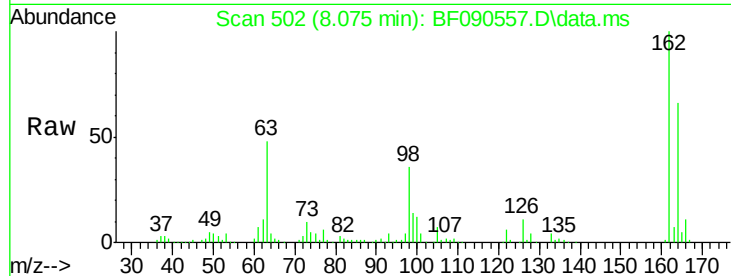




#29
 2,4-Dichlorophenol
 Concen: 41.36 ng
 RT: 8.075 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

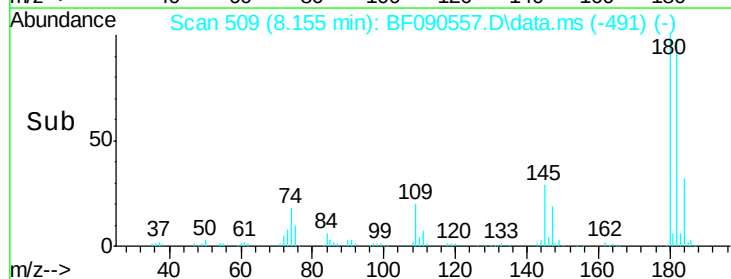
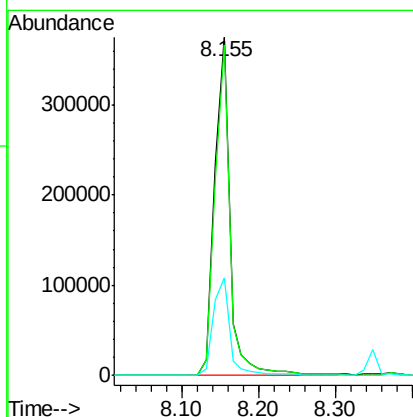
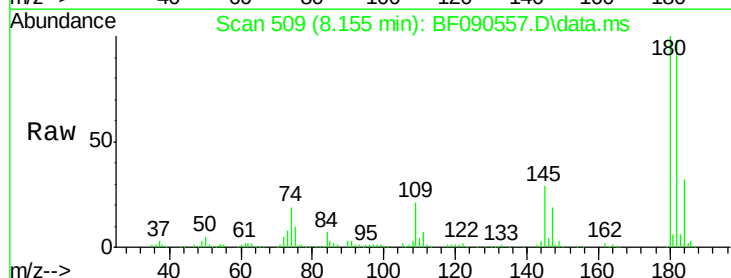
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

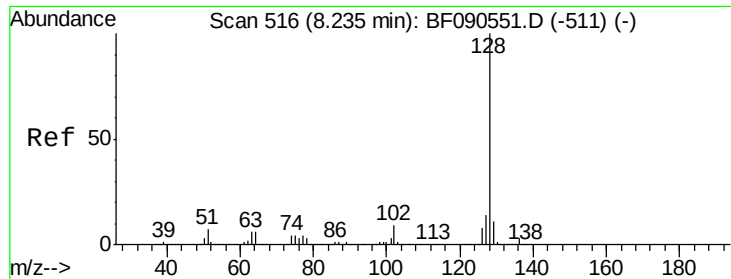
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	44.0	84.0
98	35.6	18.0	58.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.62 ng
 RT: 8.155 min Scan# 509
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	77.2	115.8
145	29.0	24.4	36.6

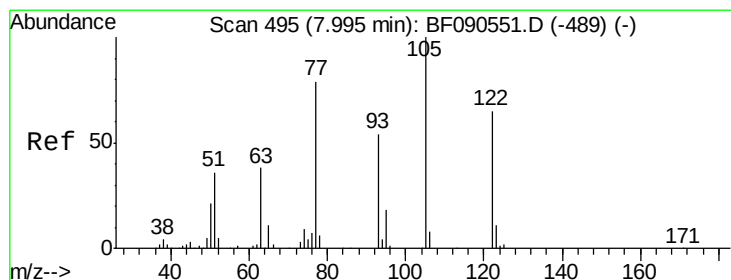
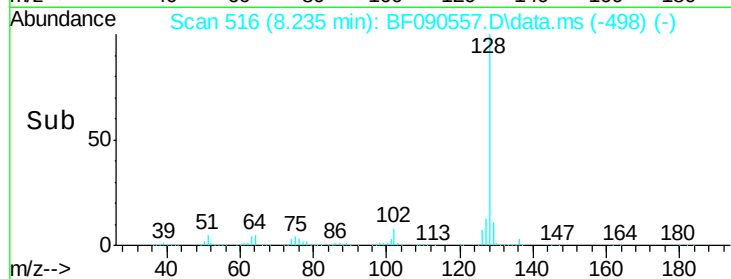
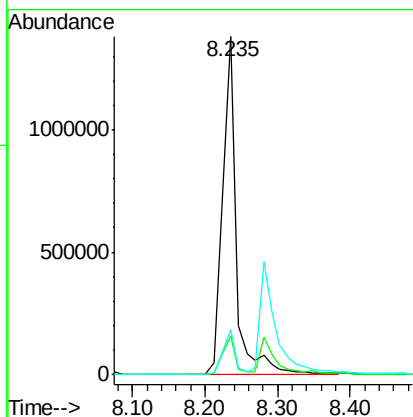
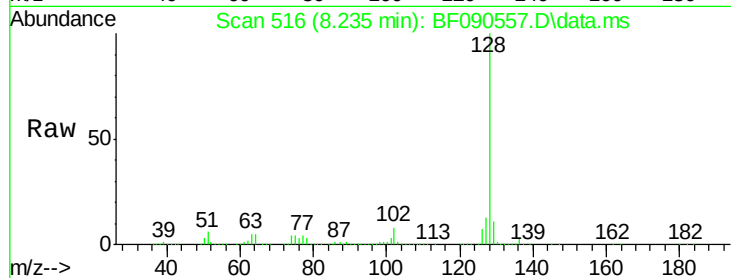




#31
Naphthalene
Concen: 40.07 ng
RT: 8.235 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF090557.D
Acq: 14 Oct 2016 8:46

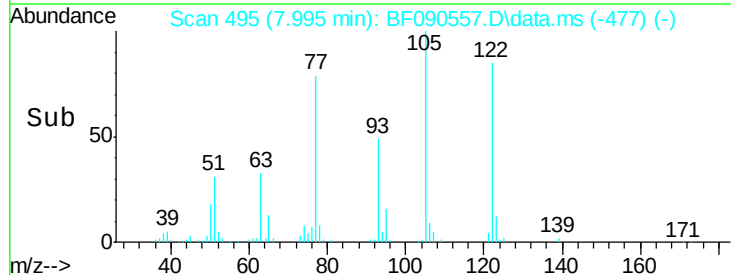
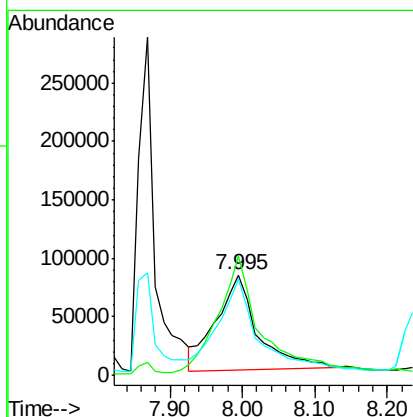
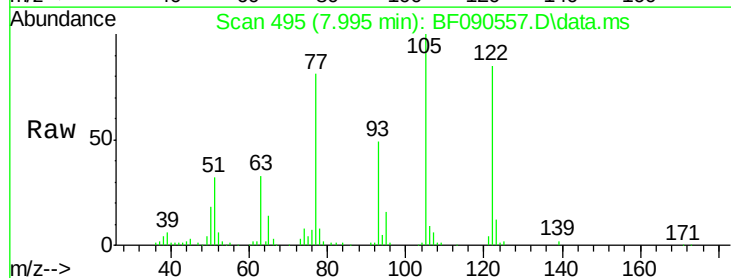
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

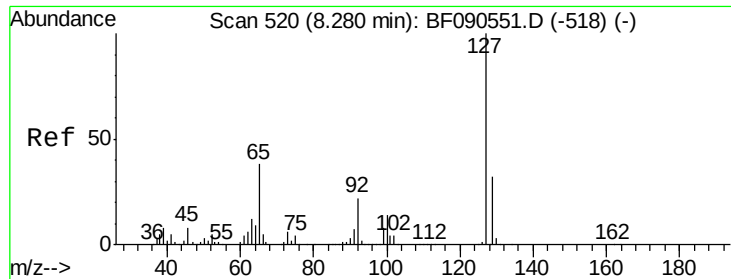
Tot Ion:128 Resp: 1819904
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 42.60 ng
RT: 7.995 min Scan# 495
Delta R.T. 0.001 min
Lab File: BF090557.D
Acq: 14 Oct 2016 8:46

Tgt Ion:122 Resp: 324450
Ion Ratio Lower Upper
122 100
105 118.3 101.1 141.1
77 95.8 84.7 124.7

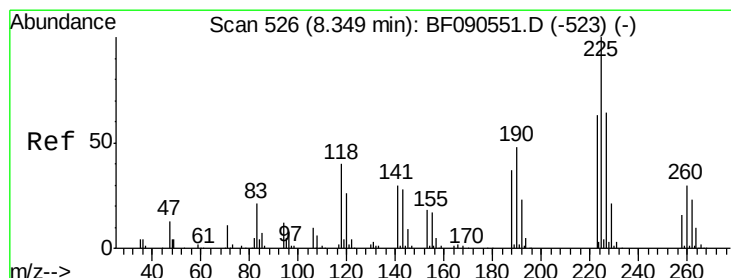
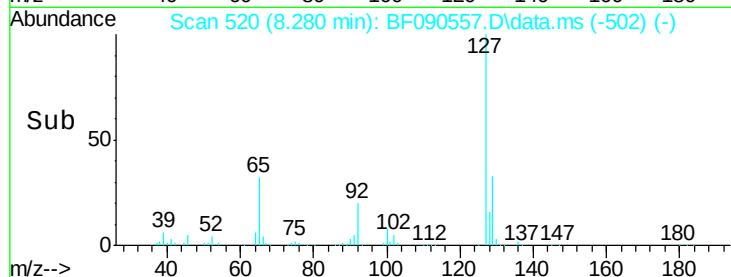
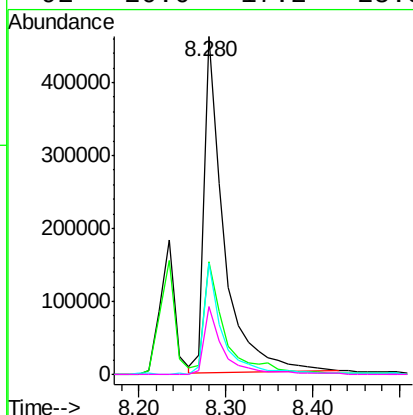
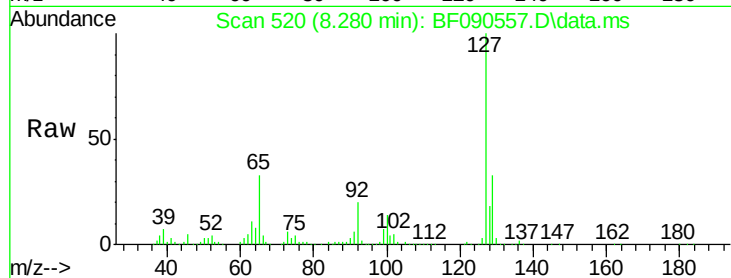




#33
4-Chloroaniline
Concen: 41.58 ng
RT: 8.280 min Scan# 520
Delta R.T. 0.000 min
Lab File: BF090557.D
Acq: 14 Oct 2016 8:46

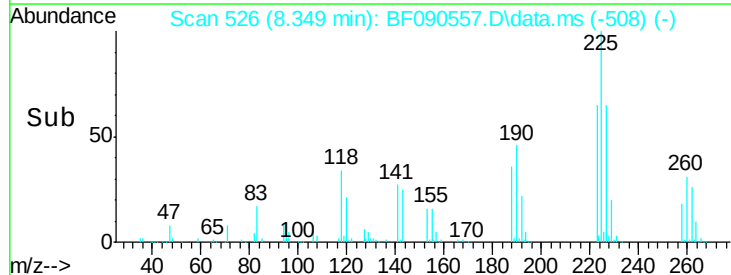
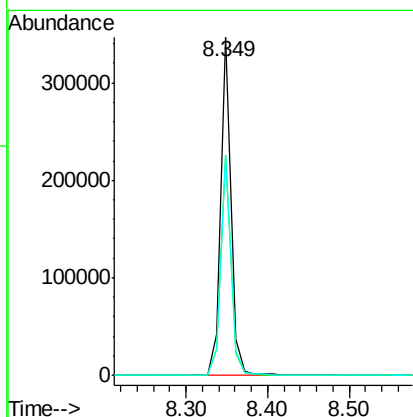
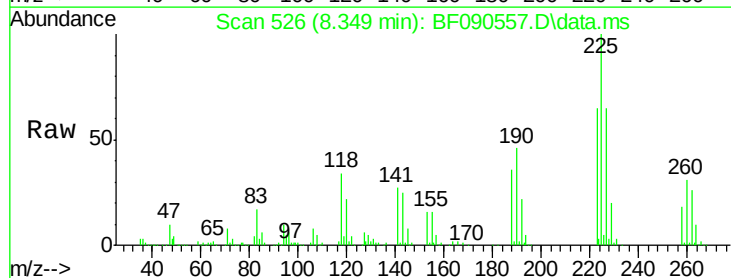
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

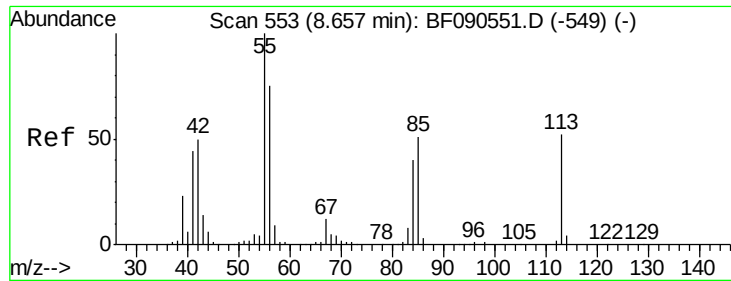
Tot Ion:	127	Resp:	721761
Ion Ratio		Lower	Upper
127	100		
129	33.2	26.2	39.2
65	32.9	30.1	45.1
92	20.0	17.2	25.8



#34
Hexachlorobutadiene
Concen: 42.17 ng
RT: 8.349 min Scan# 526
Delta R.T. 0.000 min
Lab File: BF090557.D
Acq: 14 Oct 2016 8:46

Tgt Ion:	225	Resp:	299723
Ion Ratio		Lower	Upper
225	100		
223	65.2	50.6	76.0
227	65.0	51.4	77.2





#35

Caprolactam

Concen: 46.01 ng

RT: 8.658 min Scan# 55

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

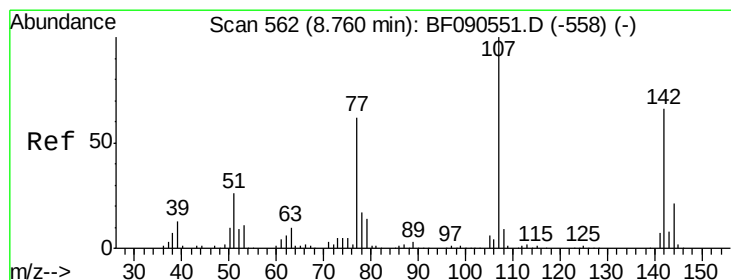
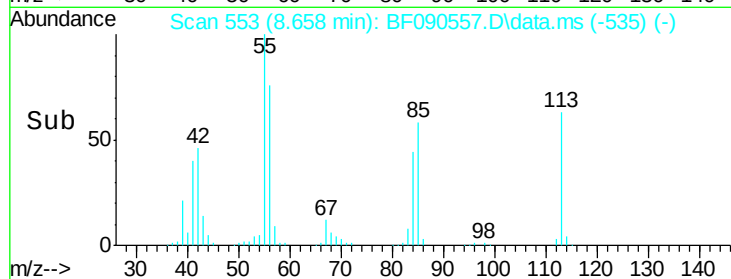
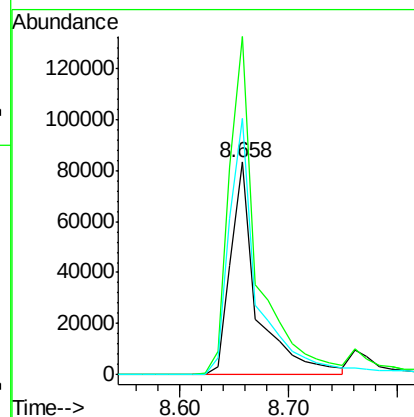
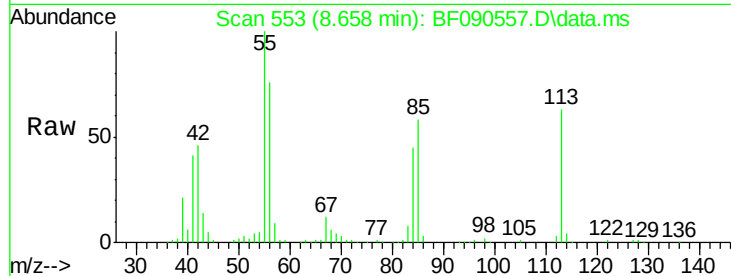
Tot Ion:113 Resp: 139475

Ion Ratio Lower Upper

113 100

55 159.2 170.8 210.8#

56 120.4 122.4 162.4#



#36

4-Chloro-3-methylphenol

Concen: 40.46 ng

RT: 8.760 min Scan# 562

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

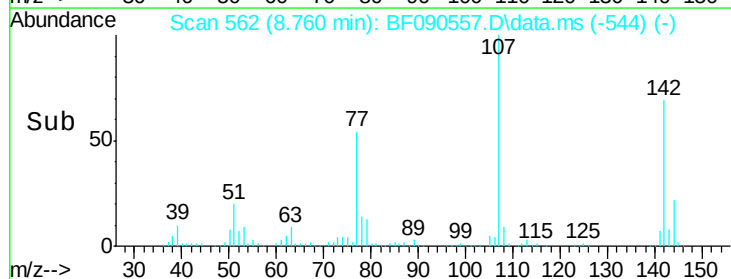
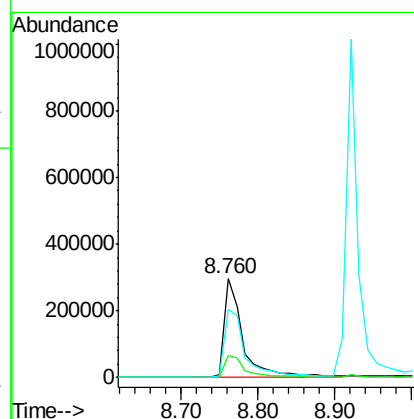
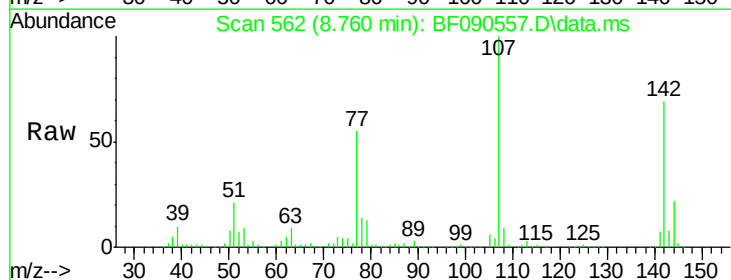
Tgt Ion:107 Resp: 507076

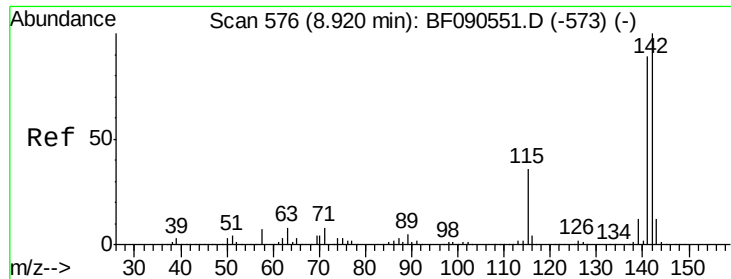
Ion Ratio Lower Upper

107 100

144 22.4 16.9 25.3

142 69.1 52.5 78.7

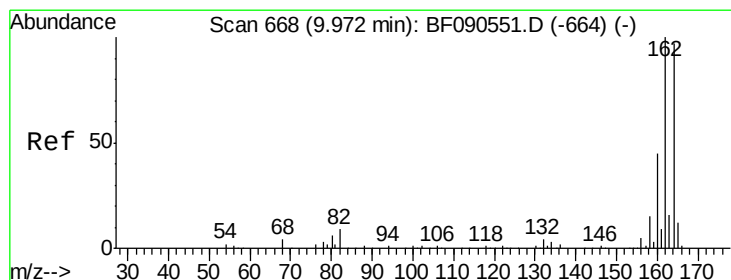
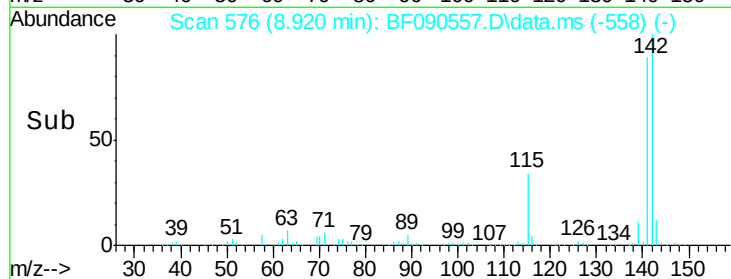
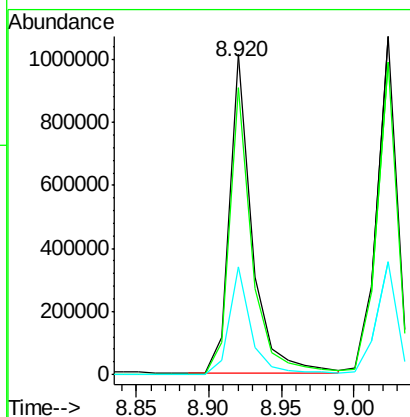
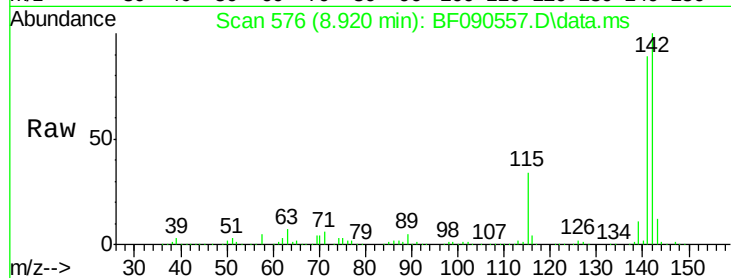




#37
2-Methylnaphthalene
Concen: 41.07 ng
RT: 8.920 min Scan# 57
Delta R.T. 0.000 min
Lab File: BF090557.D
Acq: 14 Oct 2016 8:46

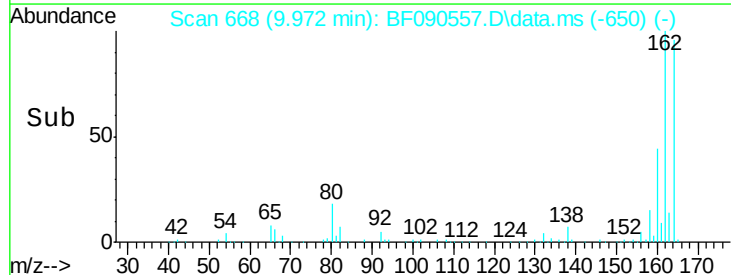
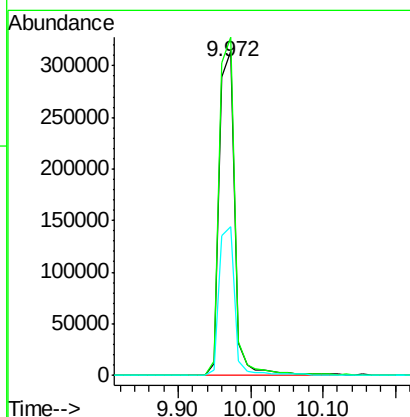
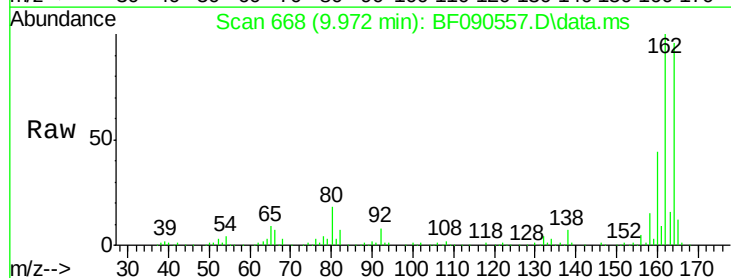
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

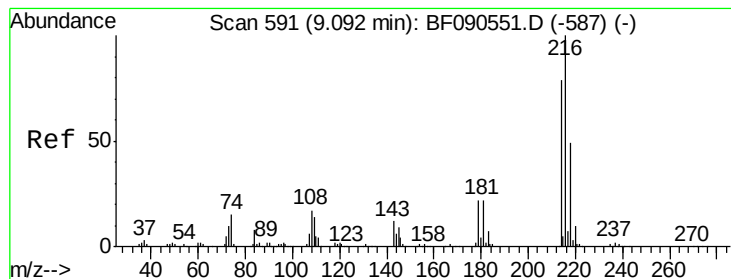
Tot Ion:142 Resp: 1095400
Ion Ratio Lower Upper
142 100
141 89.5 71.3 106.9
115 33.7 28.8 43.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.972 min Scan# 668
Delta R.T. 0.000 min
Lab File: BF090557.D
Acq: 14 Oct 2016 8:46

Tgt Ion:164 Resp: 468220
Ion Ratio Lower Upper
164 100
162 104.3 82.2 123.4
160 45.8 36.6 55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.71 ng

RT: 9.092 min Scan# 591

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 530192

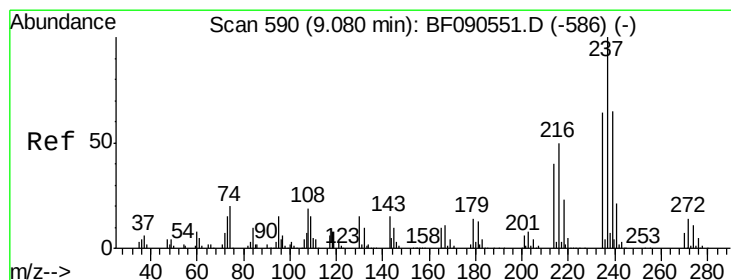
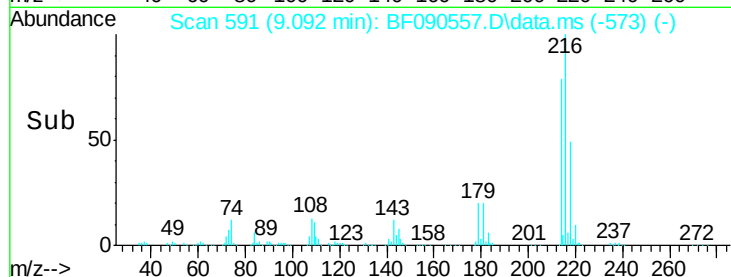
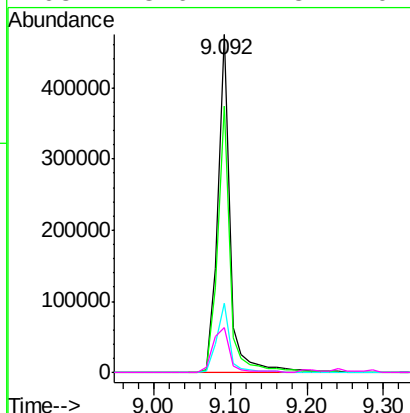
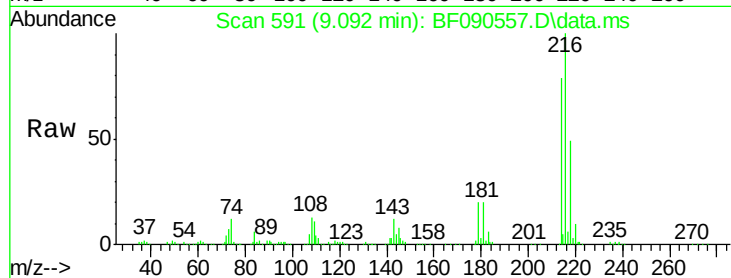
Ion Ratio Lower Upper

216 100

214 79.3 63.5 95.3

179 21.9 18.9 28.3

108 18.6 17.8 26.6



#40

Hexachlorocyclopentadiene

Concen: 43.61 ng

RT: 9.080 min Scan# 590

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

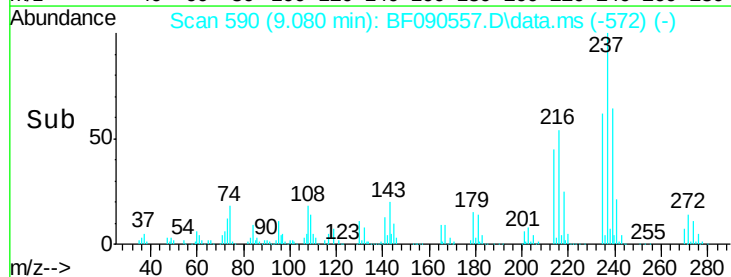
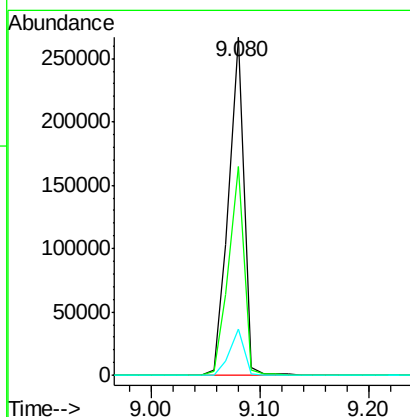
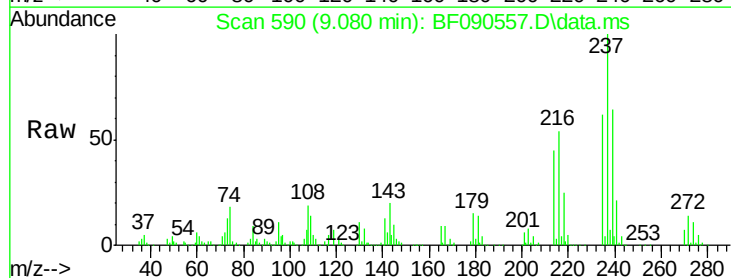
Tgt Ion:237 Resp: 264475

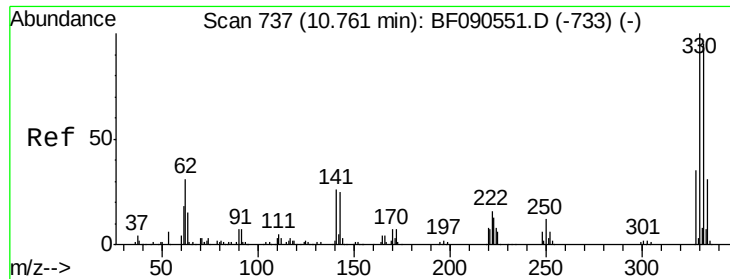
Ion Ratio Lower Upper

237 100

235 61.9 43.8 83.8

272 13.8 0.0 33.7

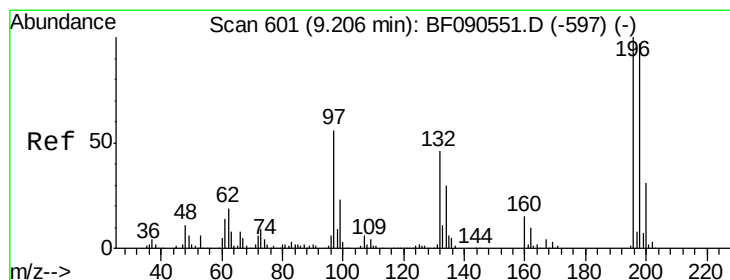
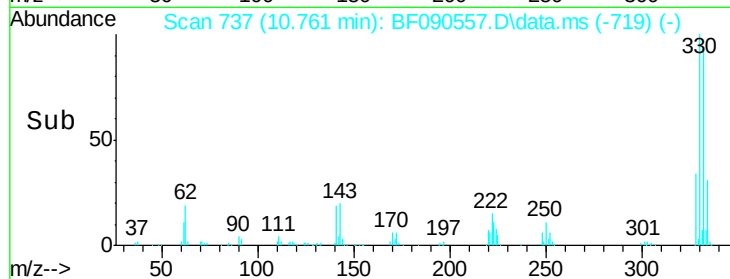
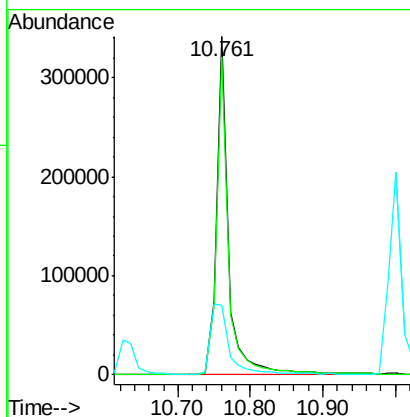
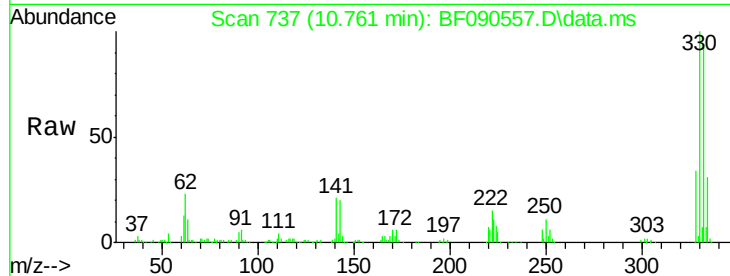




#41
 2,4,6-Tribromophenol
 Concen: 93.03 ng
 RT: 10.761 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

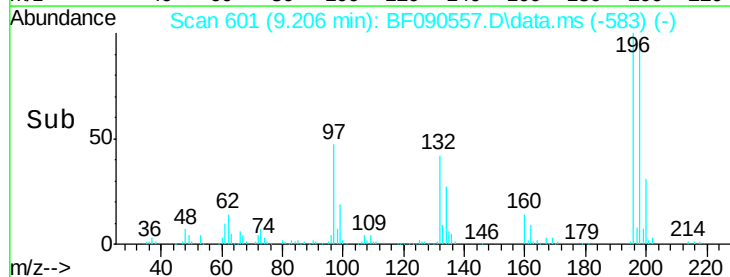
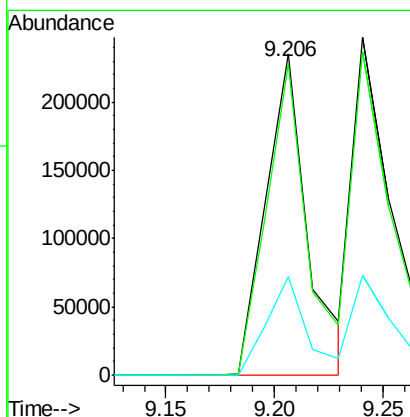
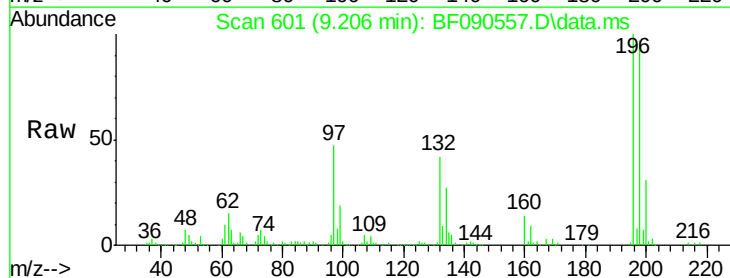
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

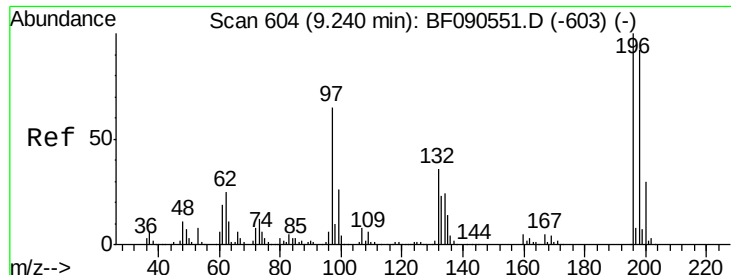
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.2	114.2
141	32.7	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 45.04 ng
 RT: 9.206 min Scan# 601
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	77.9	116.9
200	30.8	25.1	37.7

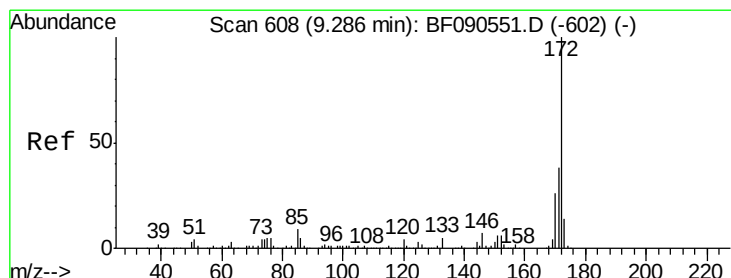
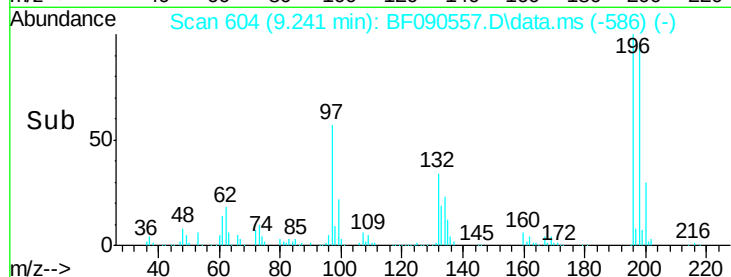
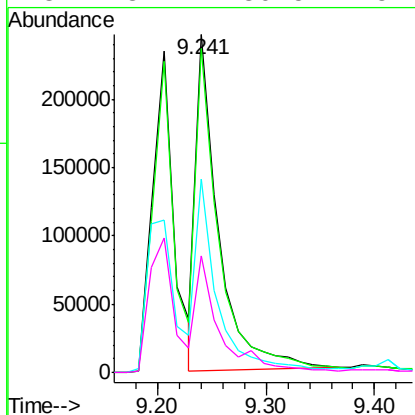
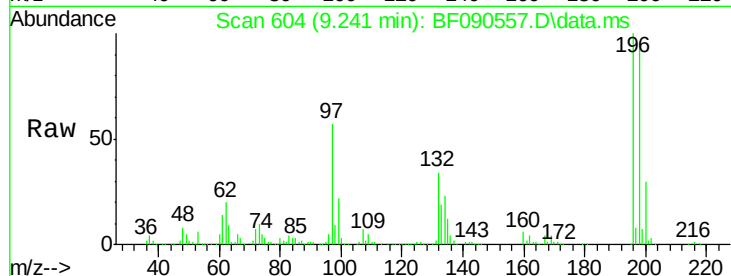




#43
 2,4,5-Trichlorophenol
 Concen: 42.68 ng
 RT: 9.241 min Scan# 604
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

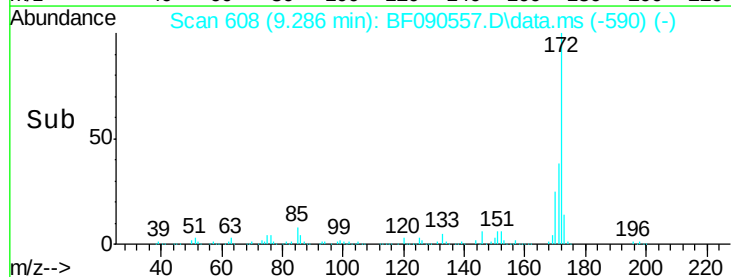
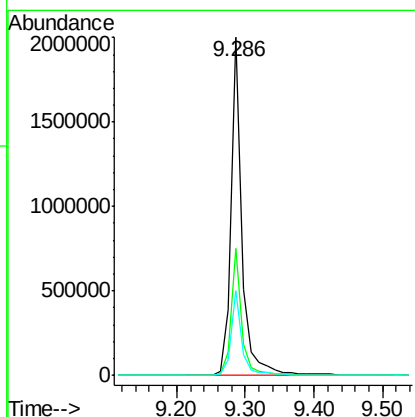
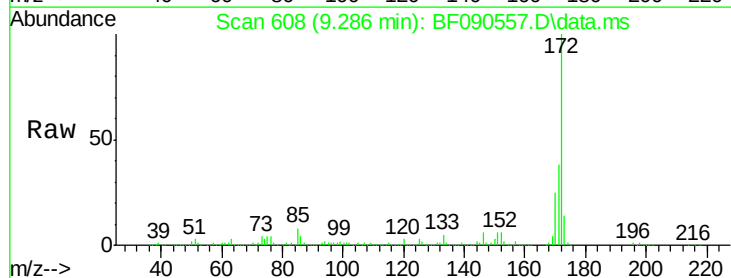
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

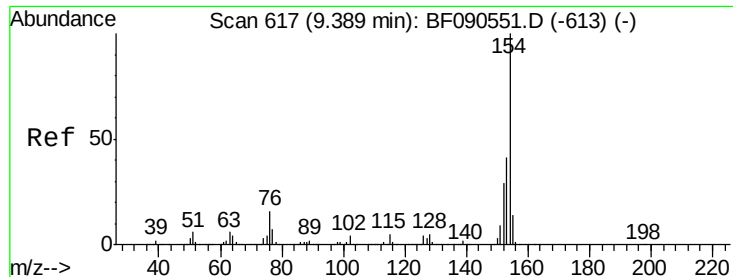
Tot Ion:196 Resp: 356550
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.0 111.0
 97 57.1 54.7 82.1
 132 34.4 30.5 45.7



#44
 2-Fluorobiphenyl
 Concen: 79.41 ng
 RT: 9.286 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

Tgt Ion:172 Resp: 2256498
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.1 45.1
 170 25.1 20.6 30.8

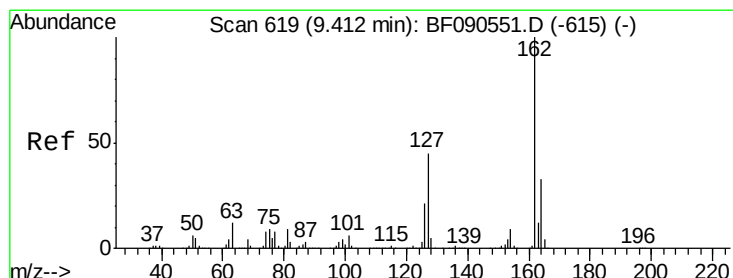
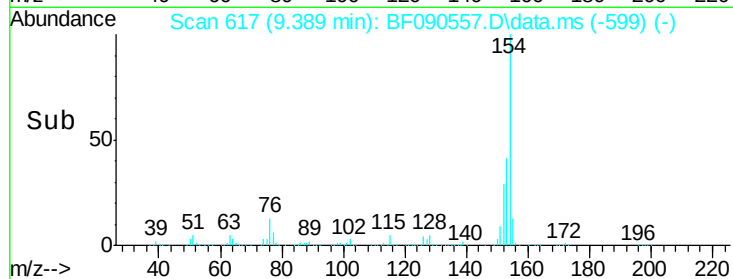
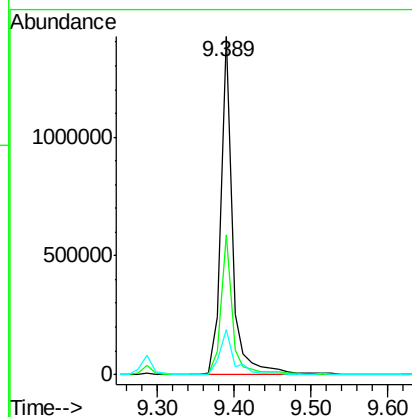
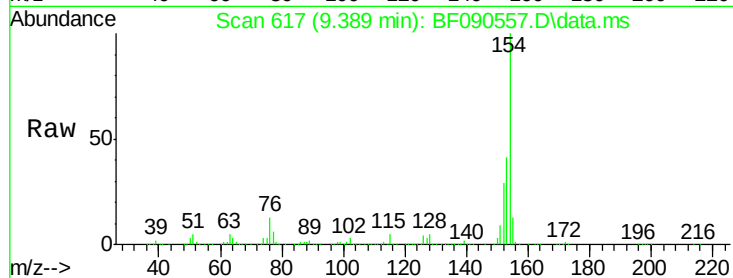




#45
 1,1'-Biphenyl
 Concen: 42.14 ng
 RT: 9.389 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

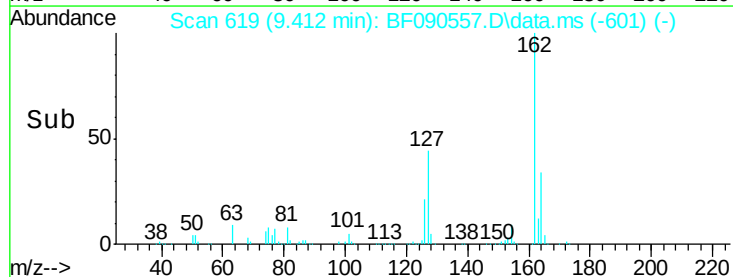
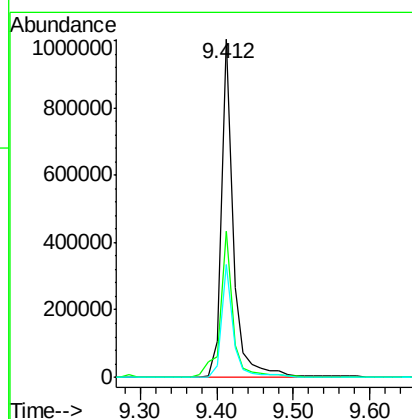
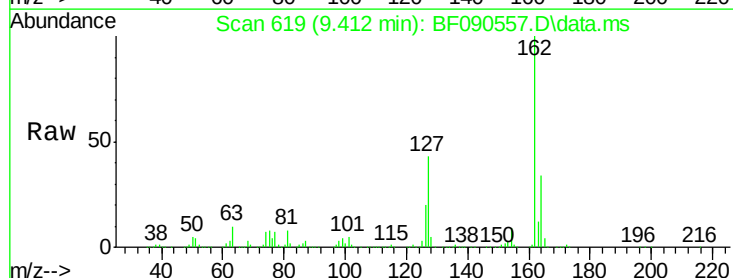
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

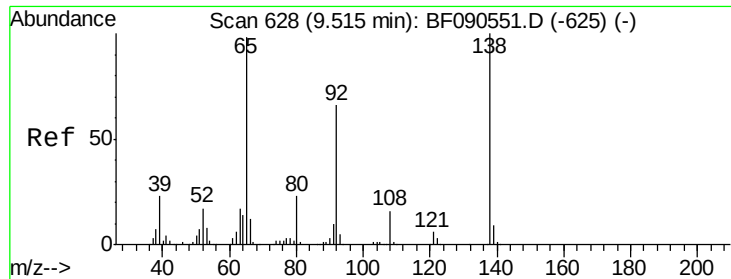
Tot Ion:154 Resp: 1501364
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.5 61.5
 76 13.4 0.0 36.0



#46
 2-Chloronaphthalene
 Concen: 41.05 ng
 RT: 9.412 min Scan# 619
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

Tgt Ion:162 Resp: 1090538
 Ion Ratio Lower Upper
 162 100
 127 43.1 35.9 53.9
 164 33.5 26.7 40.1

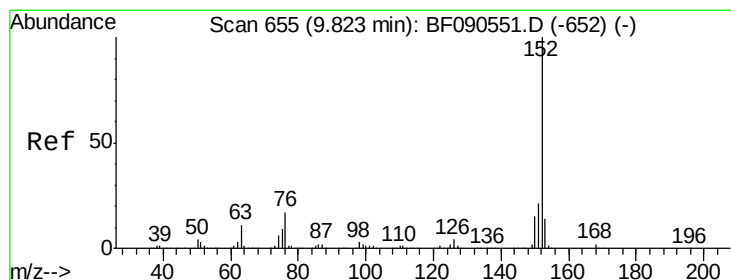
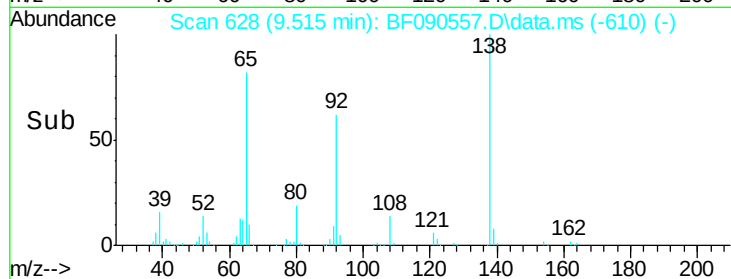
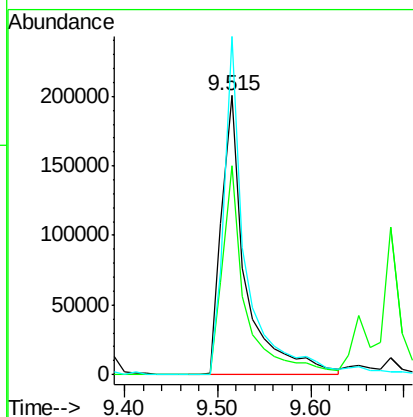
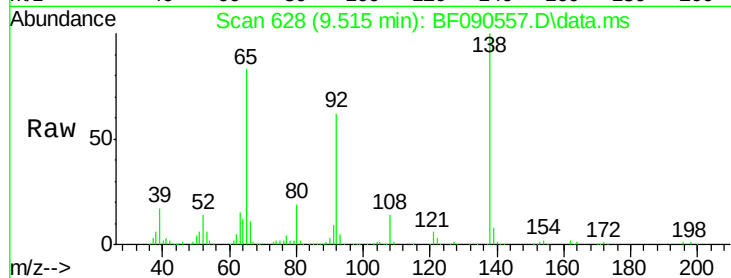




#47
2-Nitroaniline
Concen: 37.11 ng
RT: 9.515 min Scan# 628
Delta R.T. 0.001 min
Lab File: BF090557.D
Acq: 14 Oct 2016 8:46

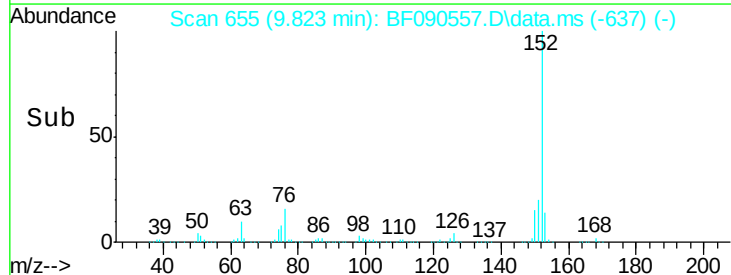
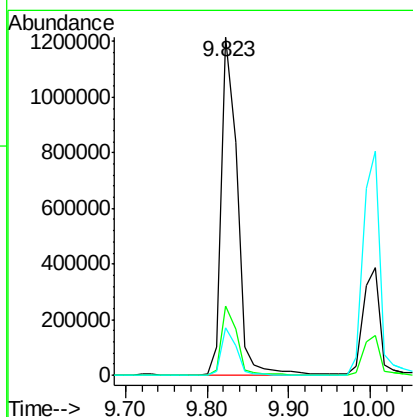
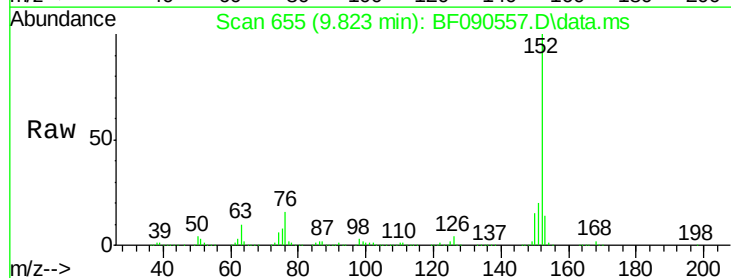
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

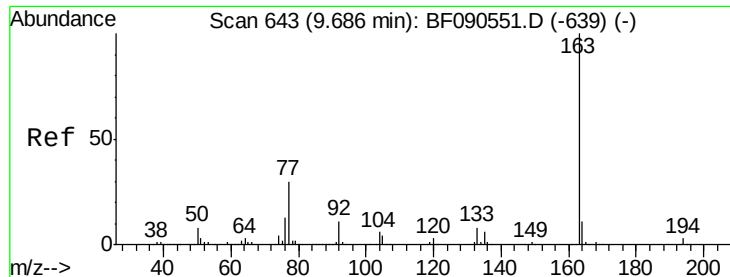
Tot Ion: 65 Resp: 357371
Ion Ratio Lower Upper
65 100
92 74.9 54.3 81.5
138 121.2 81.7 122.5



#48
Acenaphthylene
Concen: 38.66 ng
RT: 9.823 min Scan# 655
Delta R.T. 0.000 min
Lab File: BF090557.D
Acq: 14 Oct 2016 8:46

Tgt Ion: 152 Resp: 1635364
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0
153 14.1 11.3 16.9





#49

Dimethylphthalate

Concen: 37.82 ng

RT: 9.686 min Scan# 643

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

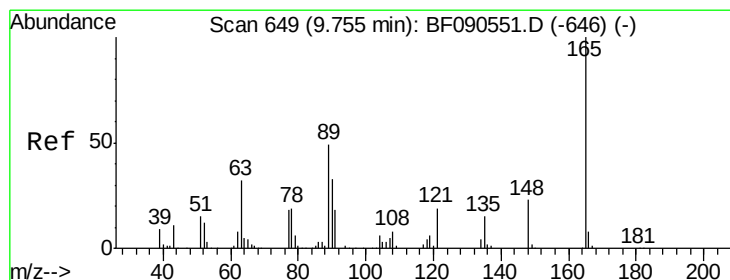
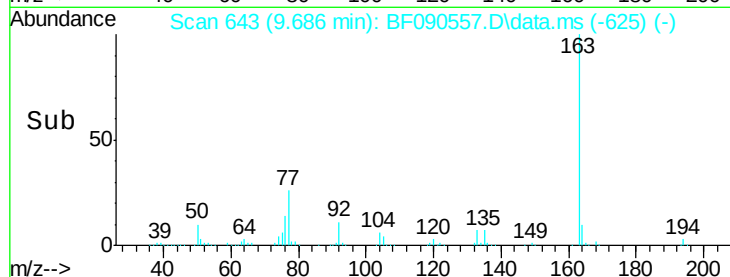
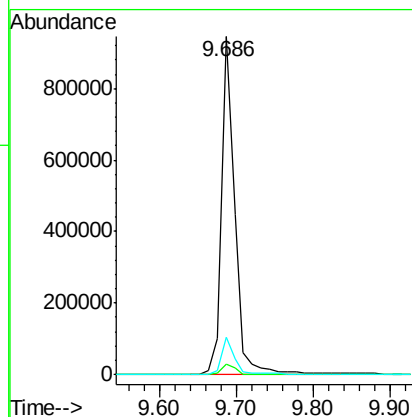
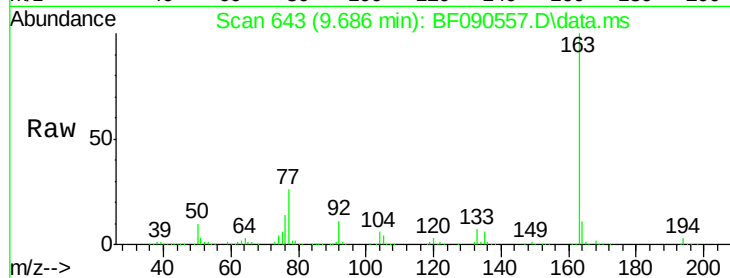
Tot Ion:163 Resp: 1149049

Ion Ratio Lower Upper

163 100

194 3.2 2.3 3.5

164 11.0 8.6 13.0



#50

2,6-Dinitrotoluene

Concen: 42.25 ng

RT: 9.755 min Scan# 649

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

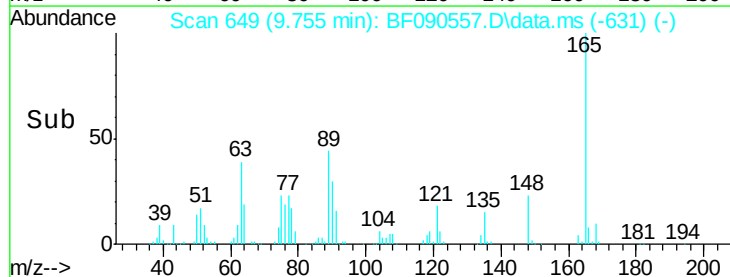
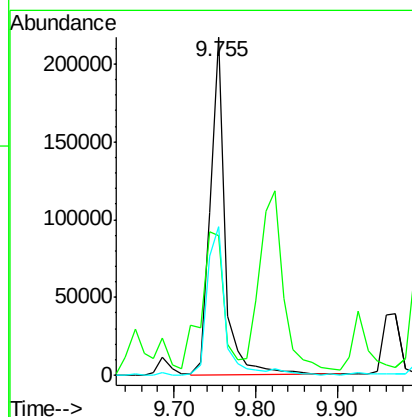
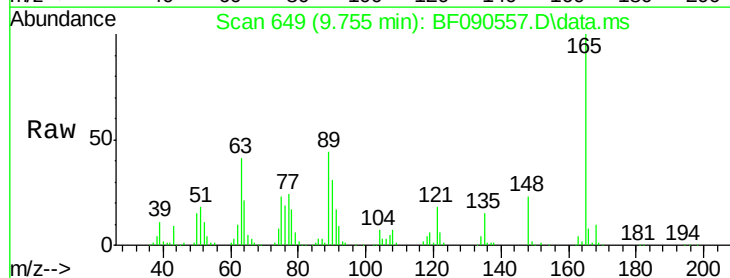
Tgt Ion:165 Resp: 280857

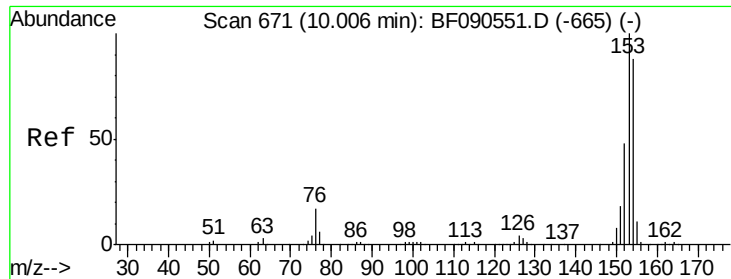
Ion Ratio Lower Upper

165 100

63 41.1 40.1 60.1

89 44.0 39.5 59.3





#51

Acenaphthene

Concen: 39.74 ng

RT: 10.006 min Scan# 671

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

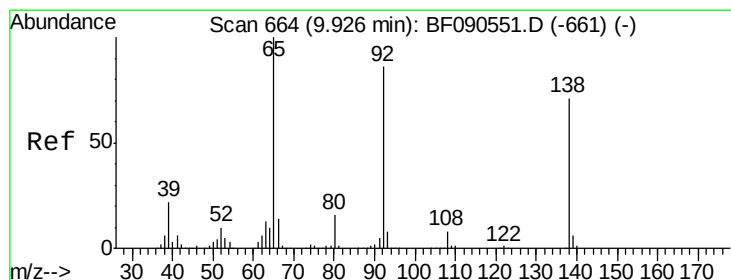
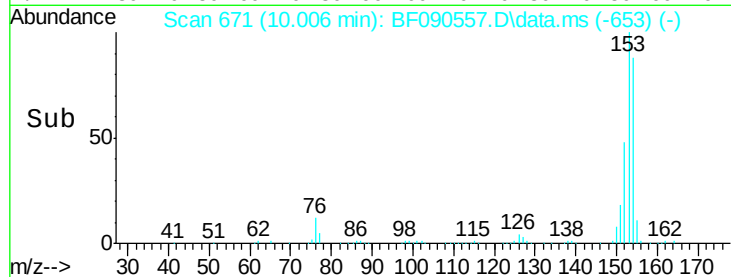
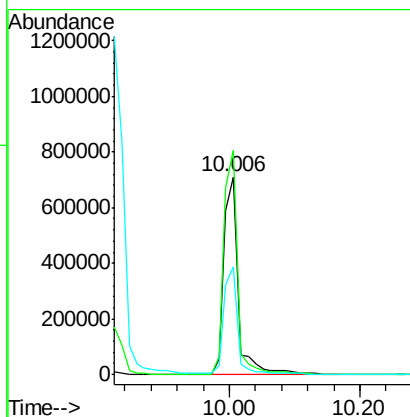
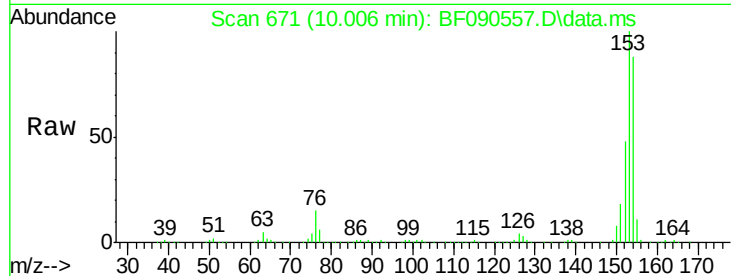
Tot Ion:154 Resp: 1117311

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

152 54.4 44.0 66.0



#52

3-Nitroaniline

Concen: 42.31 ng

RT: 9.926 min Scan# 664

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

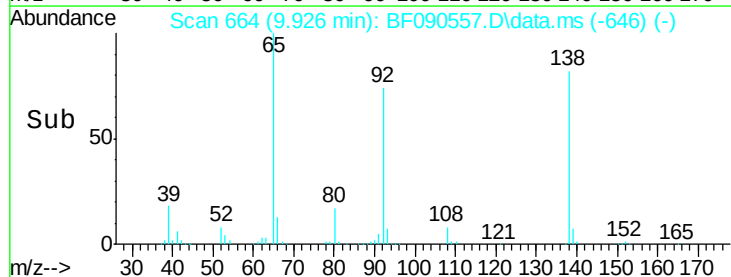
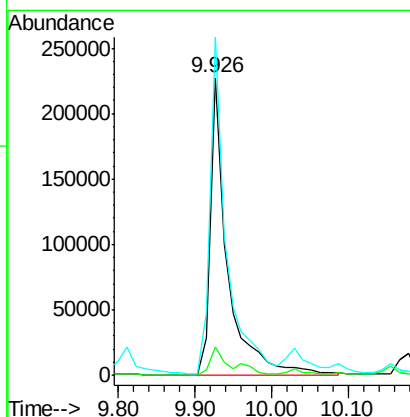
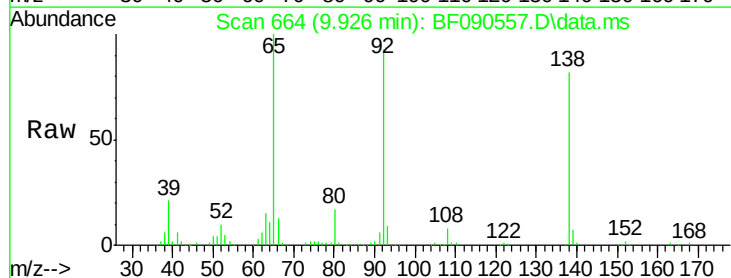
Tgt Ion:138 Resp: 352892

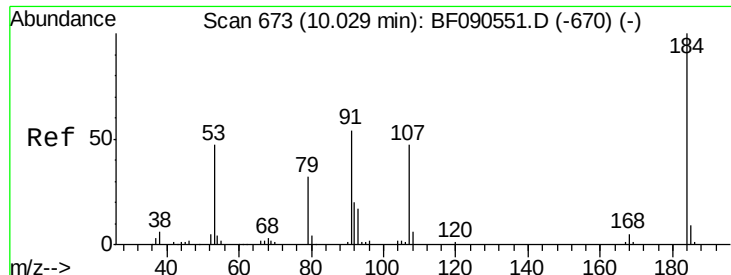
Ion Ratio Lower Upper

138 100

108 9.6 8.6 12.8

92 113.7 97.8 146.8

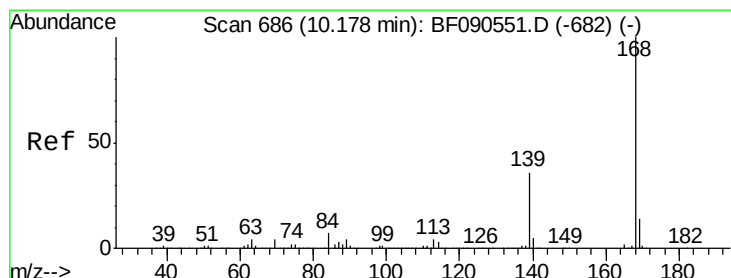
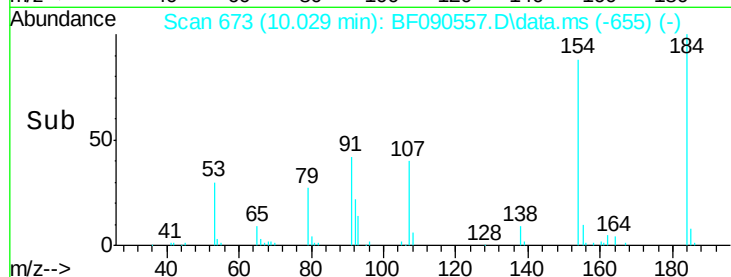
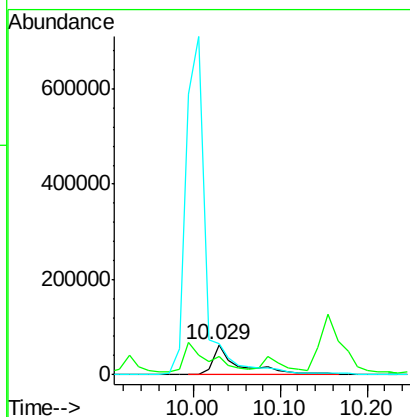
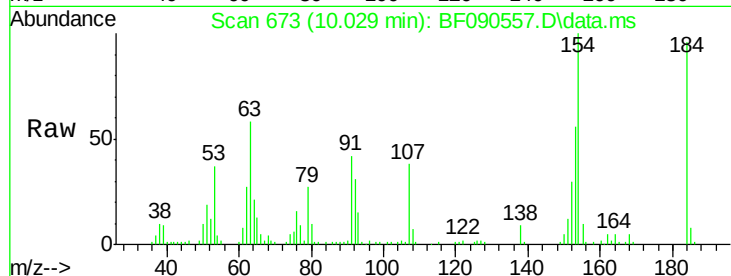




#53
 2,4-Dinitrophenol
 Concen: 38.89 ng
 RT: 10.029 min Scan# 67
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

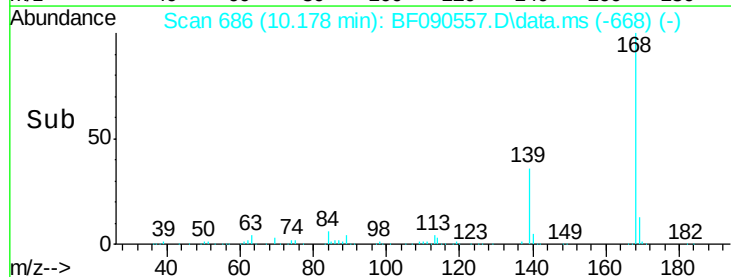
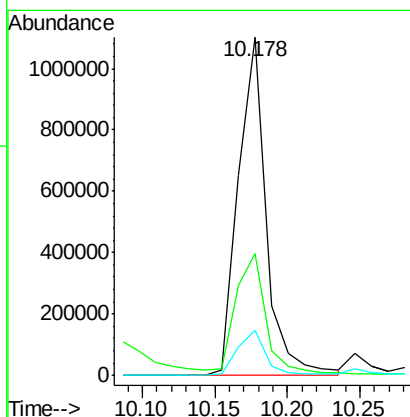
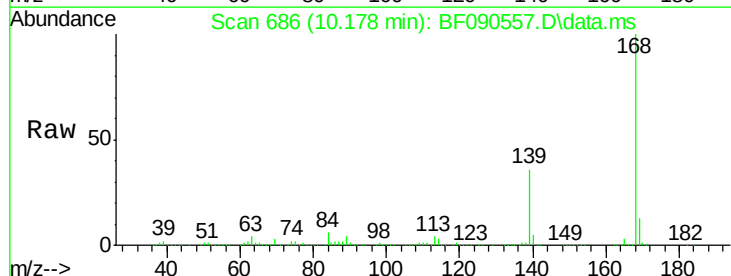
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

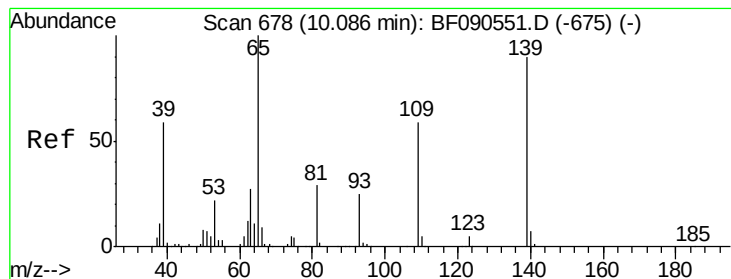
Tot Ion:184 Resp: 129024
 Ion Ratio Lower Upper
 184 100
 63 61.1 60.2 90.2
 154 104.5 86.1 129.1



#54
 Dibenzofuran
 Concen: 39.65 ng
 RT: 10.178 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

Tgt Ion:168 Resp: 1466378
 Ion Ratio Lower Upper
 168 100
 139 36.1 30.5 45.7
 169 13.4 10.9 16.3





#55

4-Nitrophenol

Concen: 41.21 ng

RT: 10.086 min Scan# 67

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

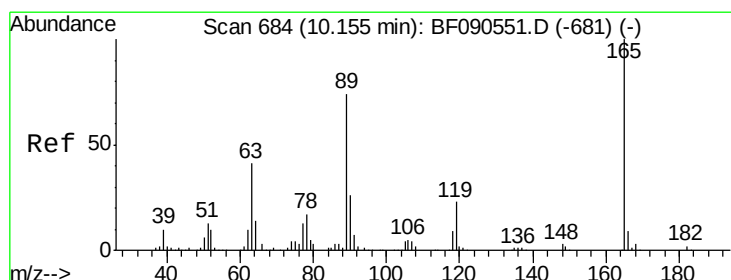
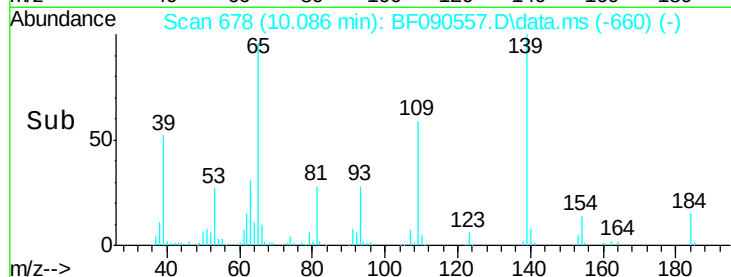
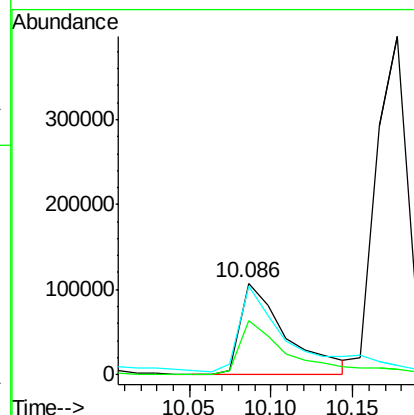
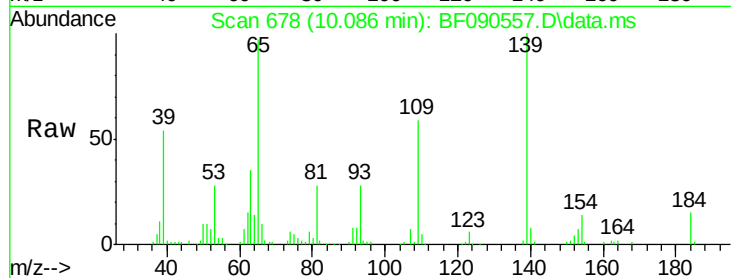
Tot Ion:139 Resp: 206883

Ion Ratio Lower Upper

139 100

109 59.1 45.9 85.9

65 96.6 95.8 135.8



#56

2,4-Dinitrotoluene

Concen: 42.93 ng

RT: 10.155 min Scan# 684

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Tgt Ion:165 Resp: 387600

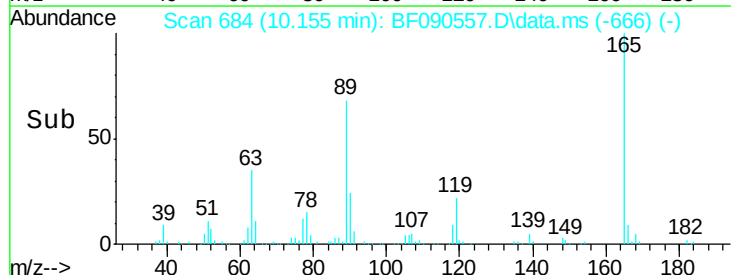
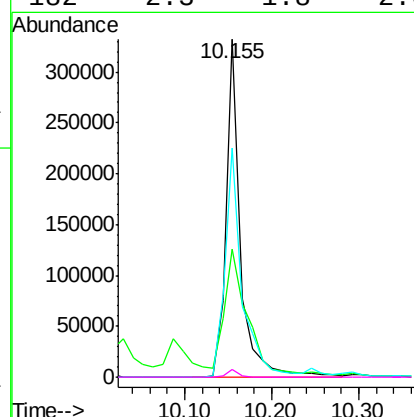
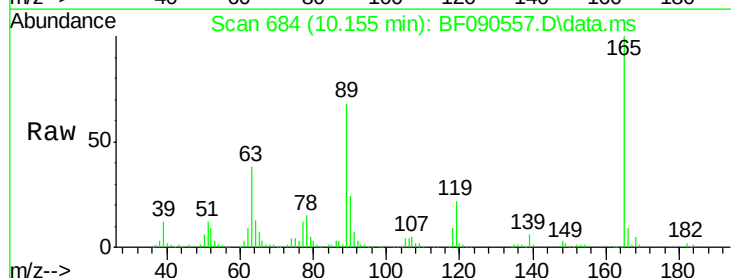
Ion Ratio Lower Upper

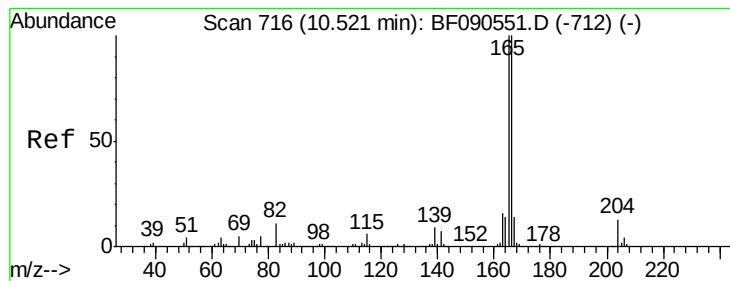
165 100

63 37.9 35.4 53.0

89 67.8 59.0 88.4

182 2.3 1.8 2.6





#57

Fluorene

Concen: 40.15 ng

RT: 10.521 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

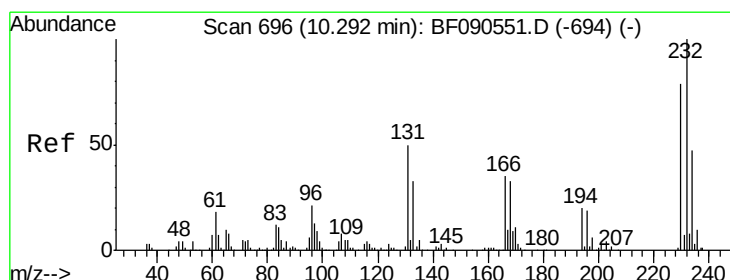
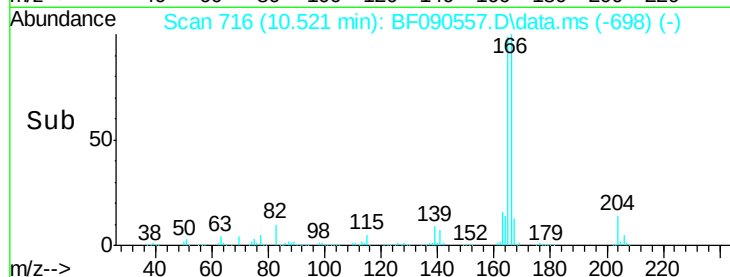
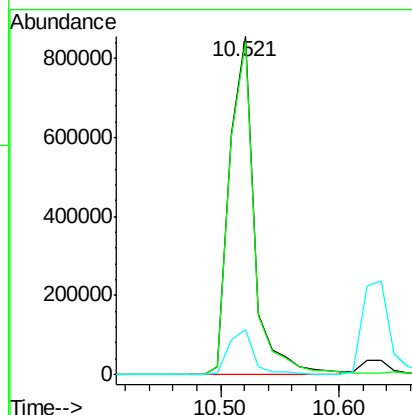
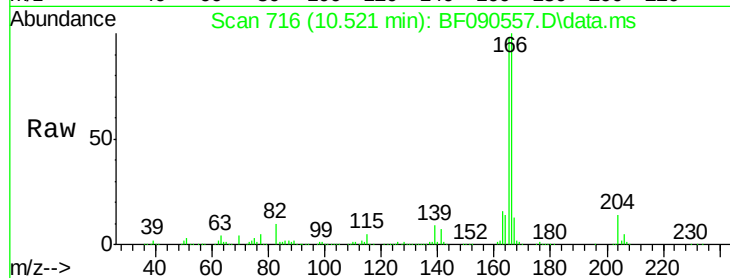
Tot Ion:166 Resp: 1225120

Ion Ratio Lower Upper

166 100

165 98.4 79.9 119.9

167 13.5 10.9 16.3



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.78 ng

RT: 10.292 min Scan# 696

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Tgt Ion:232 Resp: 311539

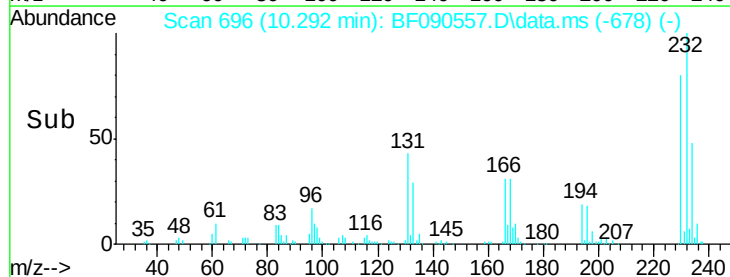
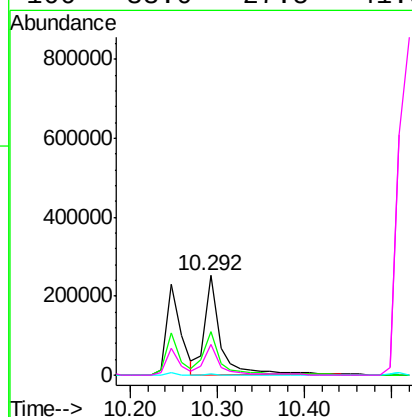
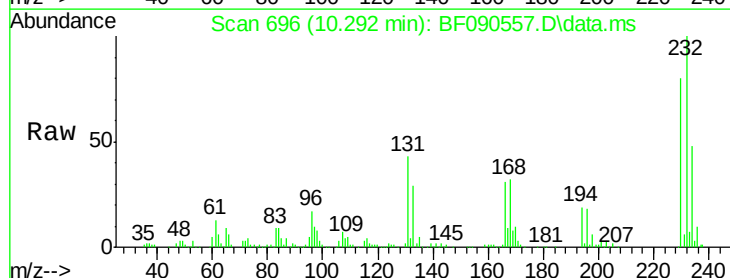
Ion Ratio Lower Upper

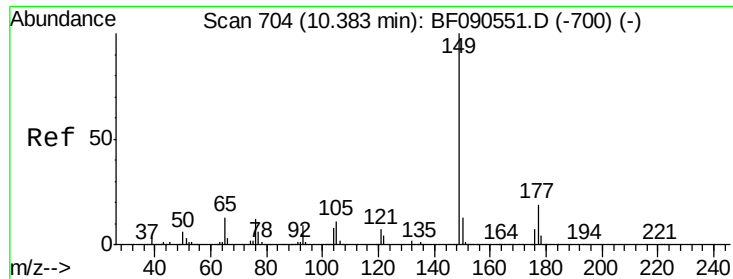
232 100

131 48.9 42.6 64.0

130 2.2 1.8 2.8

166 33.0 27.5 41.3

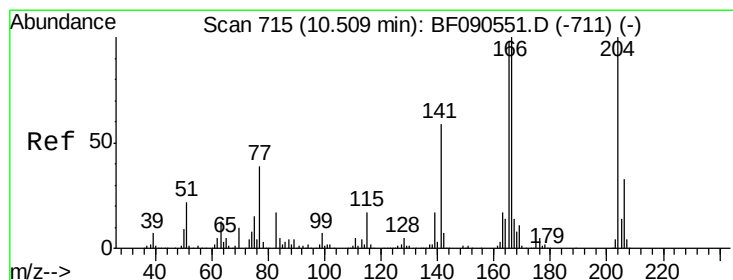
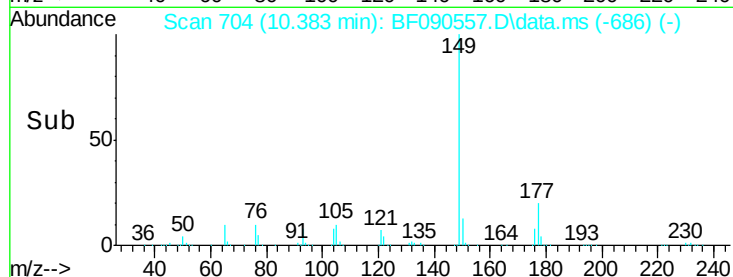
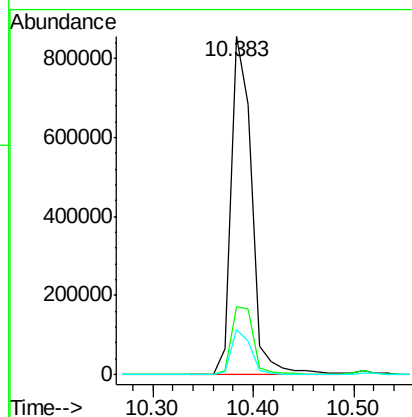
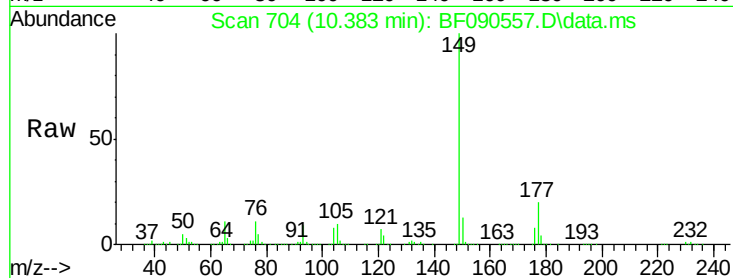




#59
Diethylphthalate
Concen: 39.22 ng
RT: 10.383 min Scan# 704
Delta R.T. 0.000 min
Lab File: BF090557.D
Acq: 14 Oct 2016 8:46

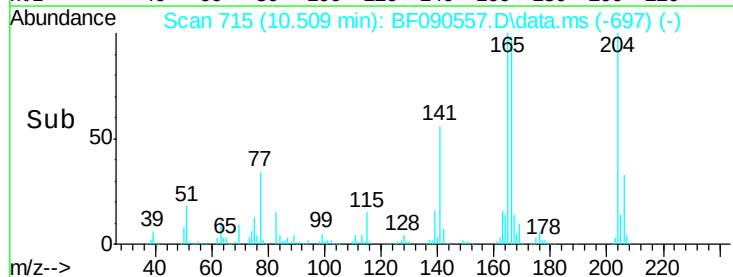
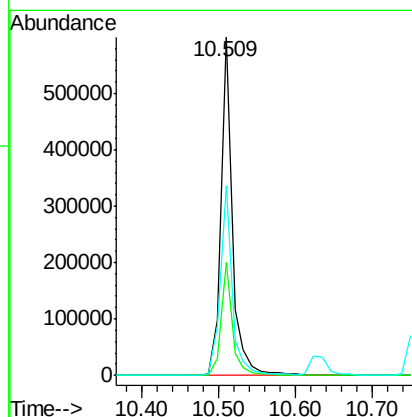
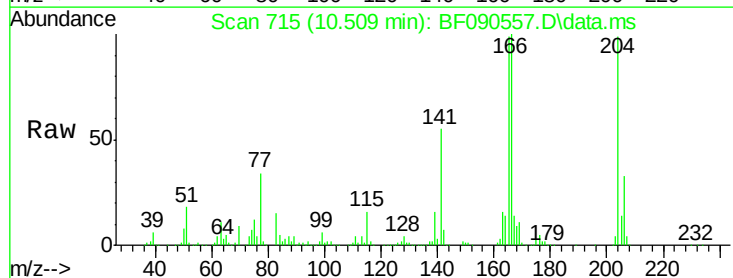
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

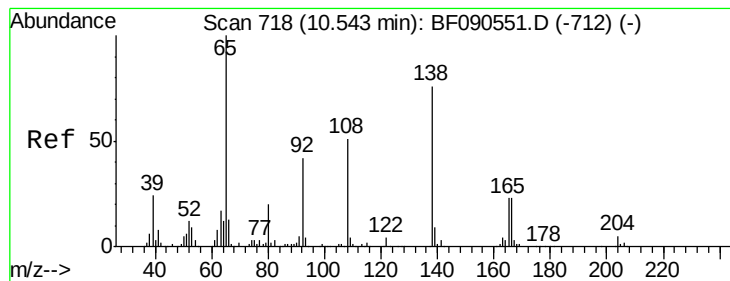
Tot Ion:149 Resp: 1208208
Ion Ratio Lower Upper
149 100
177 20.2 15.3 22.9
150 13.1 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 43.05 ng
RT: 10.509 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF090557.D
Acq: 14 Oct 2016 8:46

Tgt Ion:204 Resp: 619214
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 56.0 47.2 70.8





#61

4-Nitroaniline

Concen: 41.47 ng

RT: 10.543 min Scan# 718

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

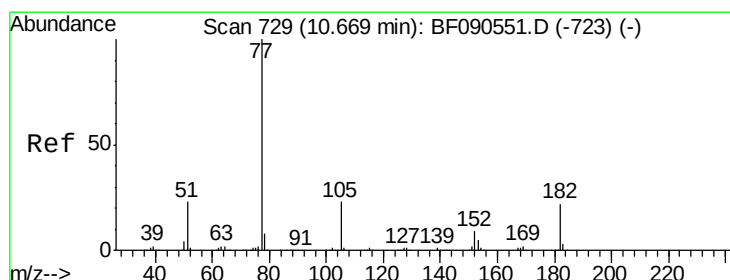
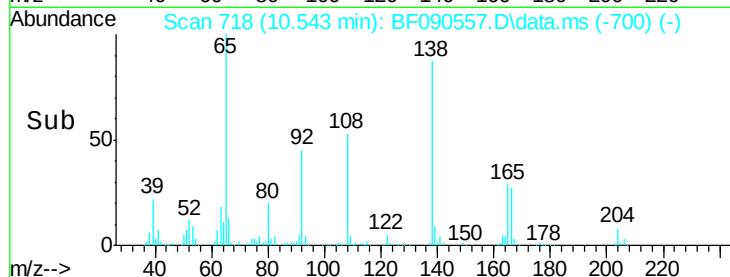
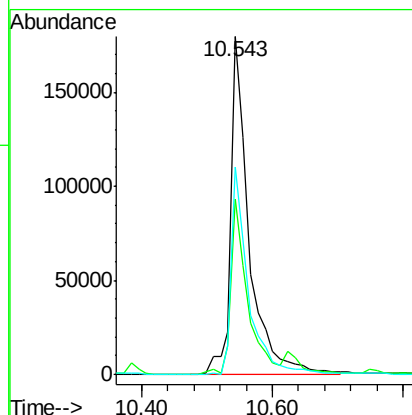
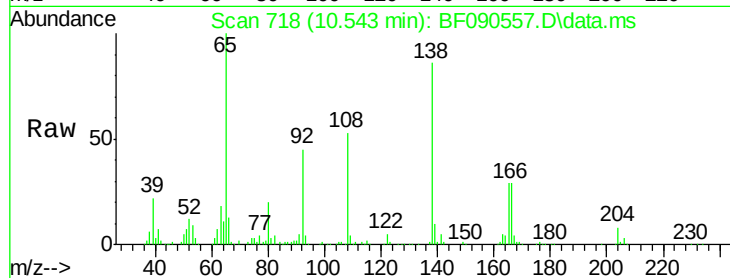
Tot Ion:138 Resp: 346841

Ion Ratio Lower Upper

138 100

92 51.9 35.7 75.7

108 61.4 46.9 86.9



#62

Azobenzene

Concen: 38.26 ng

RT: 10.669 min Scan# 729

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Tgt Ion: 77 Resp: 1363511

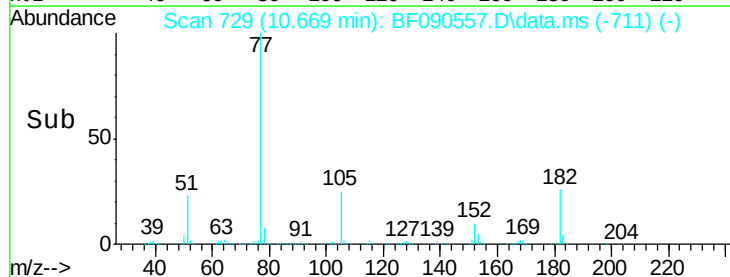
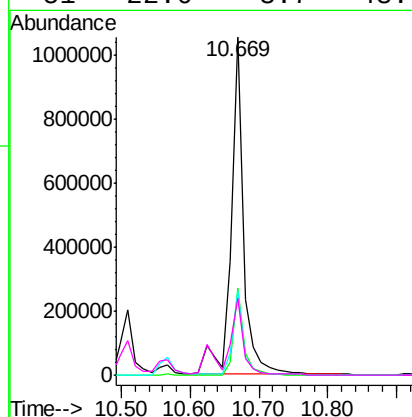
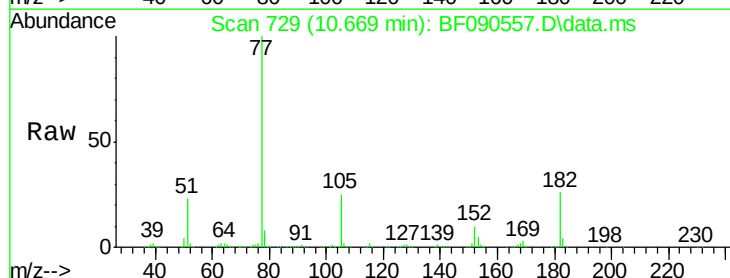
Ion Ratio Lower Upper

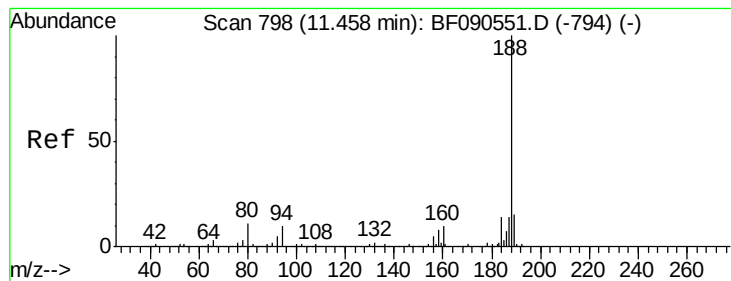
77 100

182 25.6 2.2 42.2

105 25.0 3.5 43.5

51 22.6 3.7 43.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.458 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

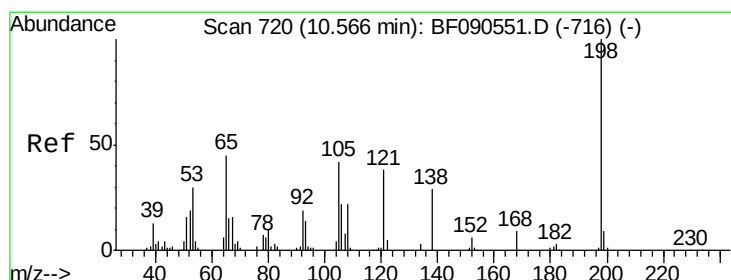
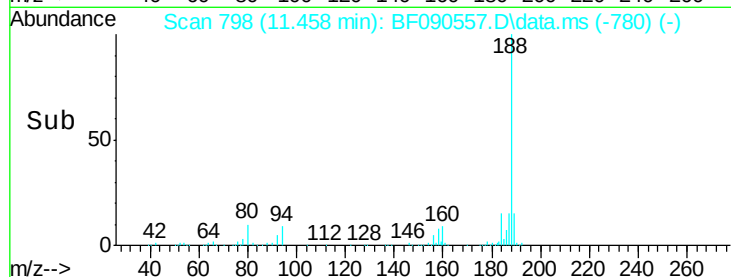
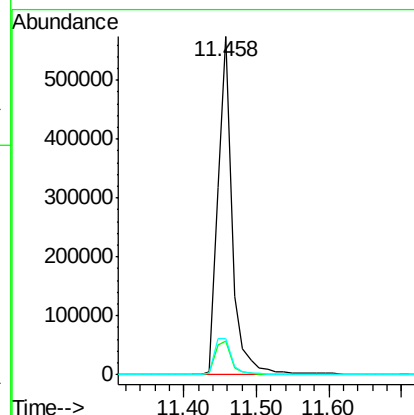
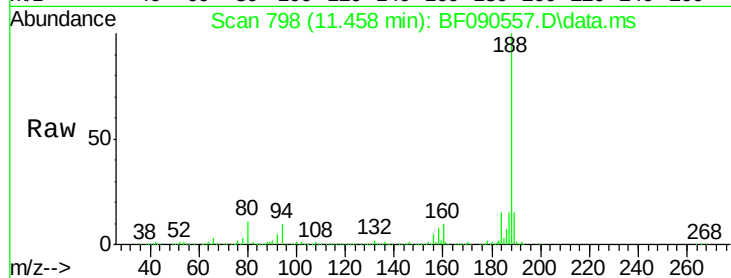
Tot Ion:188 Resp: 784065

Ion Ratio Lower Upper

188 100

94 9.9 7.7 11.5

80 10.6 8.6 12.8



#64

4,6-Dinitro-2-methylphenol

Concen: 40.85 ng

RT: 10.566 min Scan# 720

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

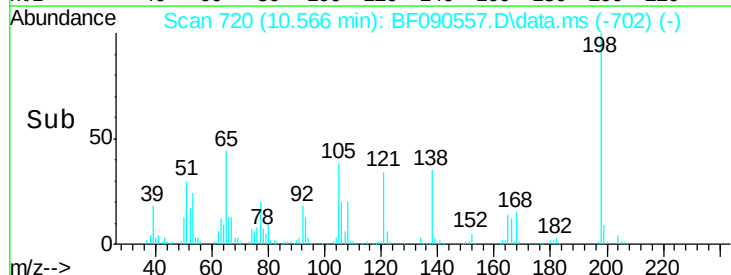
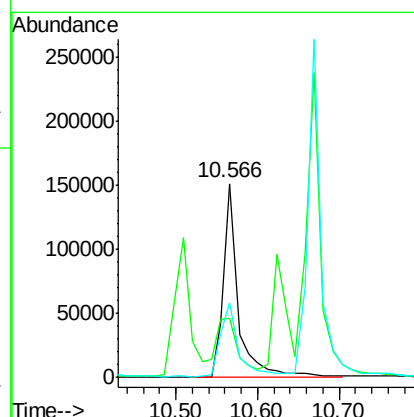
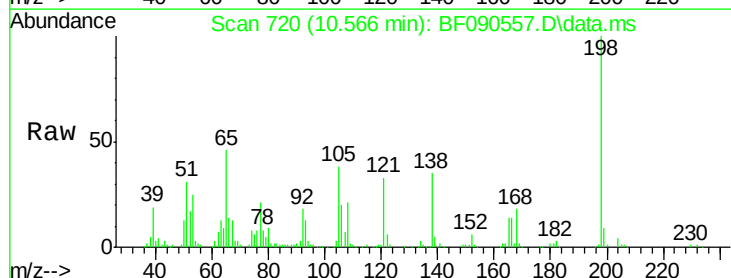
Tgt Ion:198 Resp: 193843

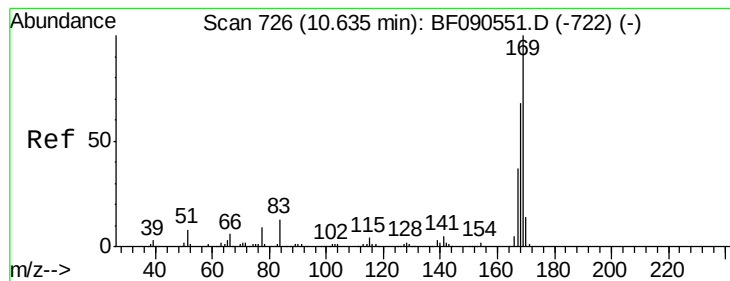
Ion Ratio Lower Upper

198 100

51 30.7 19.7 59.7

105 38.5 22.6 62.6





#65

n-Nitrosodiphenylamine

Concen: 39.53 ng

RT: 10.635 min Scan# 72

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

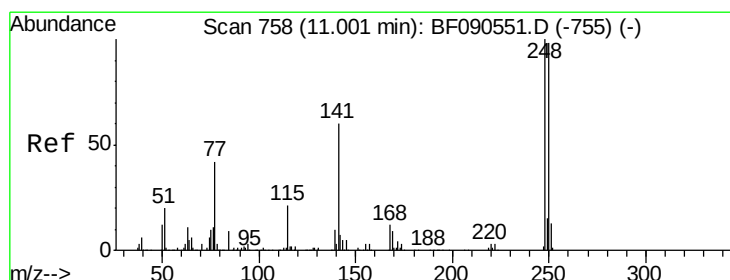
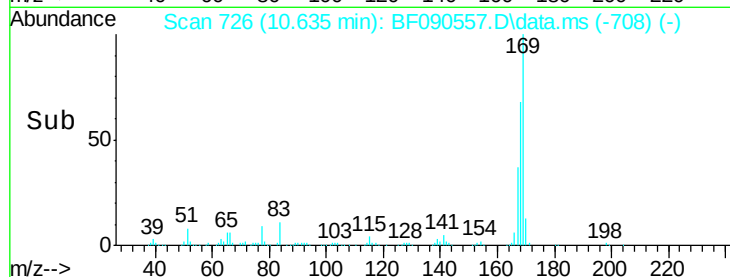
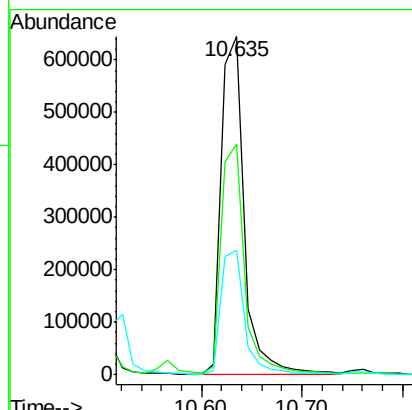
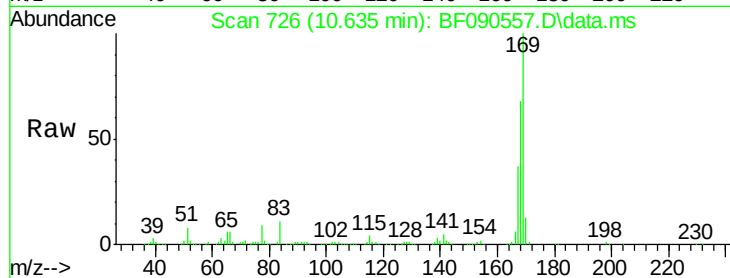
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 1023667

Ion	Ratio	Lower	Upper
169	100		
168	68.2	54.6	81.8
167	36.9	29.8	44.8



#66

4-Bromophenyl-phenylether

Concen: 42.99 ng

RT: 11.001 min Scan# 758

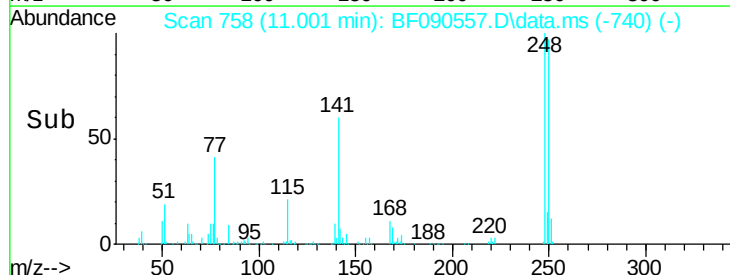
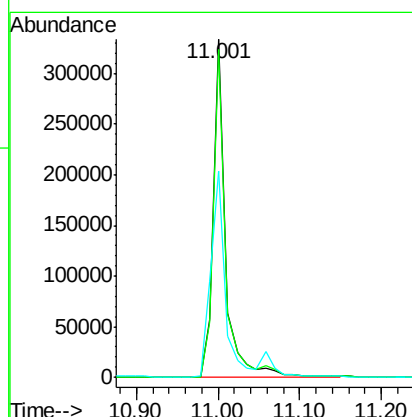
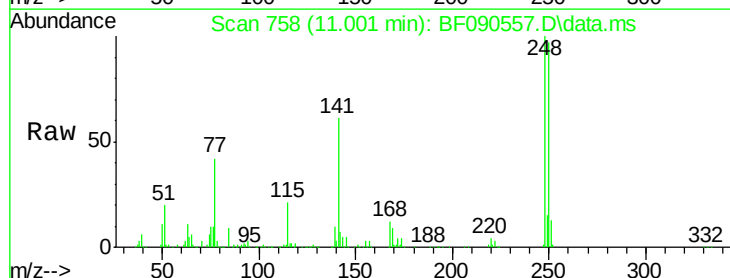
Delta R.T. 0.000 min

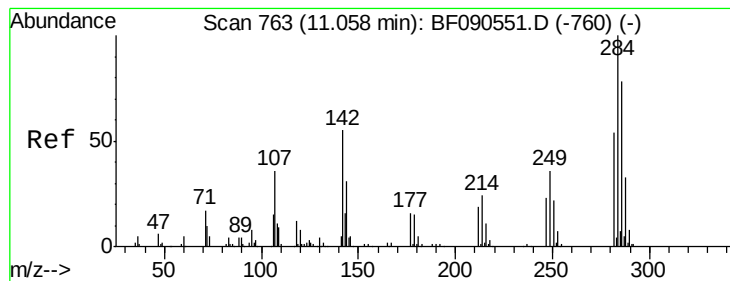
Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Tgt Ion:248 Resp: 361684

Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.4	117.6
141	61.2	48.4	72.6





#67

Hexachlorobenzene

Concen: 39.50 ng

RT: 11.069 min Scan# 76

Delta R.T. 0.012 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

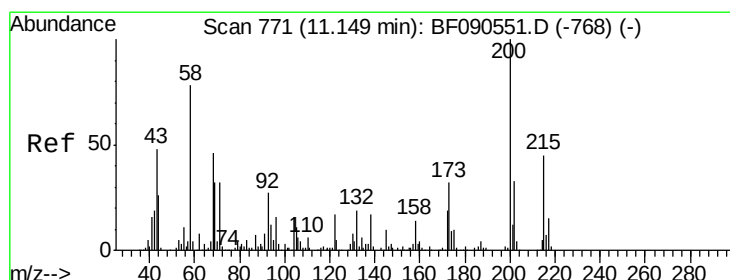
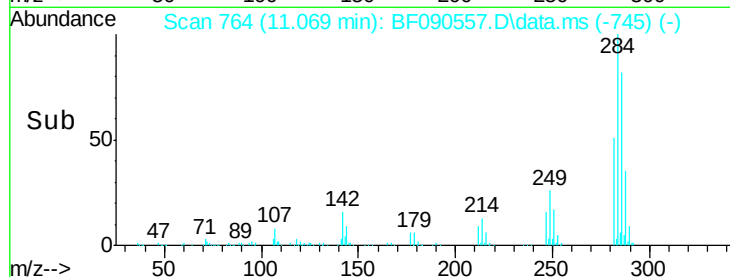
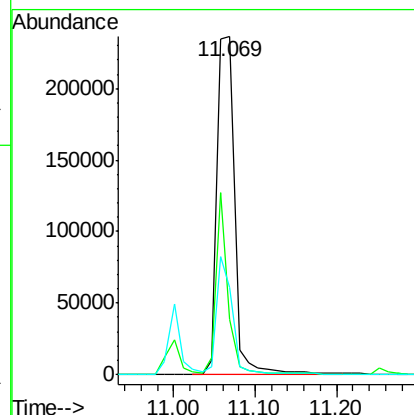
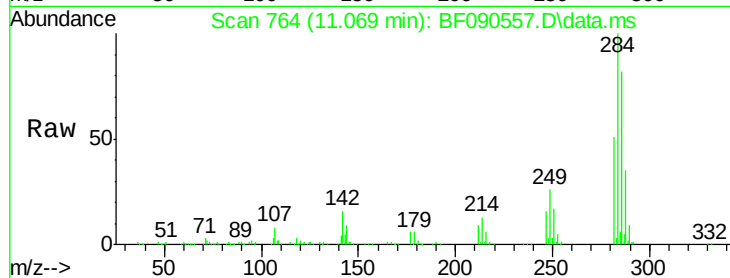
Tot Ion:284 Resp: 360783

Ion Ratio Lower Upper

284 100

142 16.3 44.5 66.7#

249 25.7 29.6 44.4#



#68

Atrazine

Concen: 39.03 ng

RT: 11.149 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

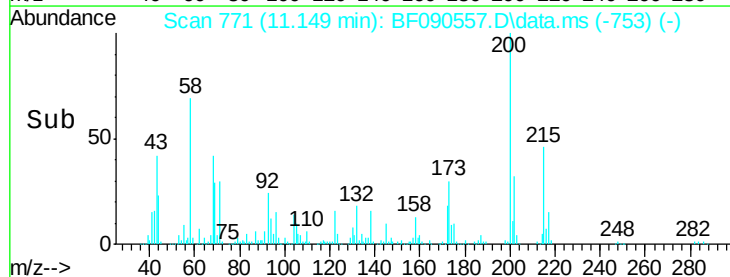
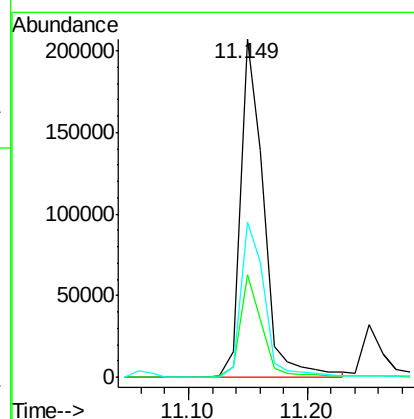
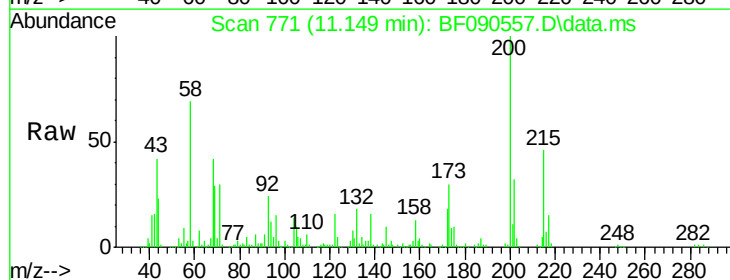
Tgt Ion:200 Resp: 279591

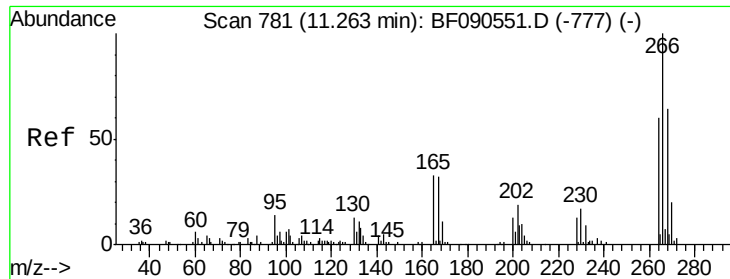
Ion Ratio Lower Upper

200 100

173 30.5 12.0 52.0

215 45.7 25.2 65.2

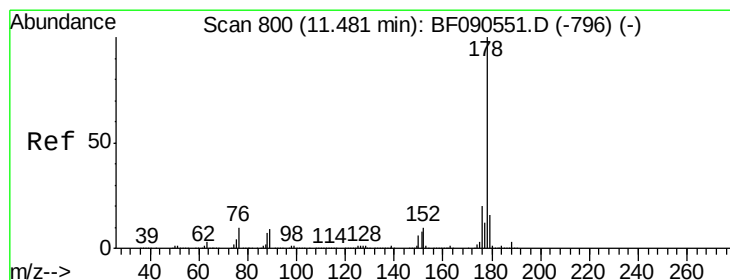
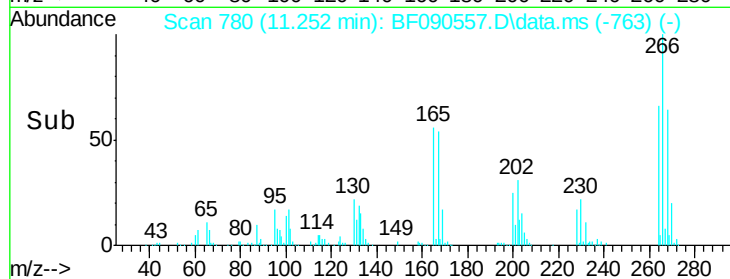
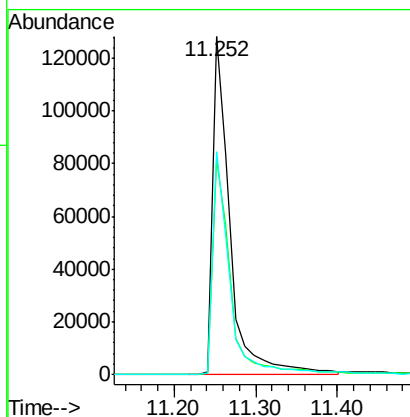
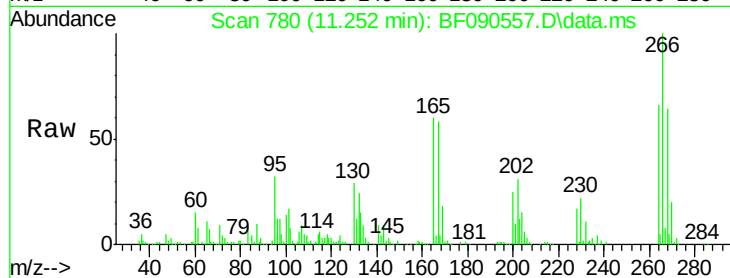




#69
 Pentachlorophenol
 Concen: 42.08 ng
 RT: 11.252 min Scan# 781
 Delta R.T. -0.011 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

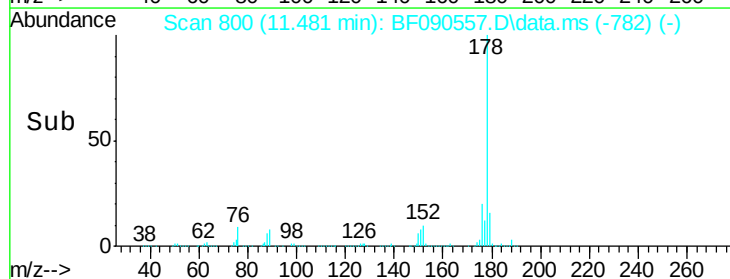
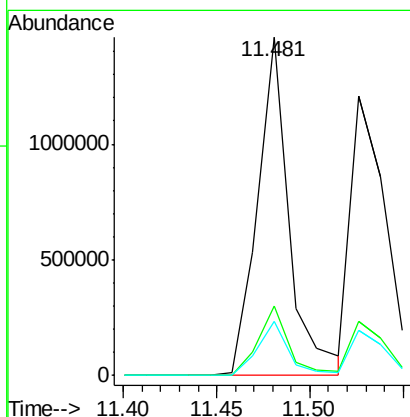
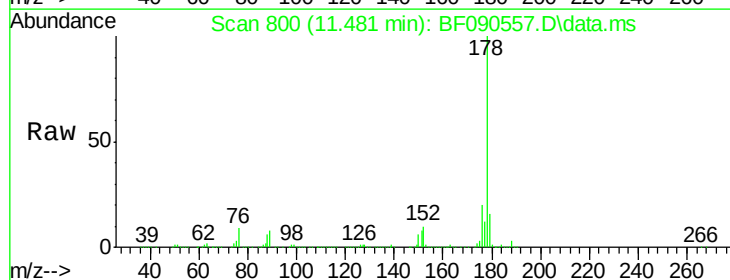
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

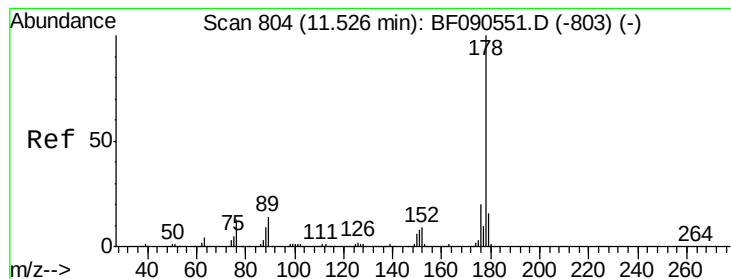
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.5	77.3
264	66.0	47.9	71.9



#70
 Phenanthrene
 Concen: 40.92 ng
 RT: 11.481 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.1	24.1
179	16.0	12.6	19.0





#71

Anthracene

Concen: 38.17 ng

RT: 11.526 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

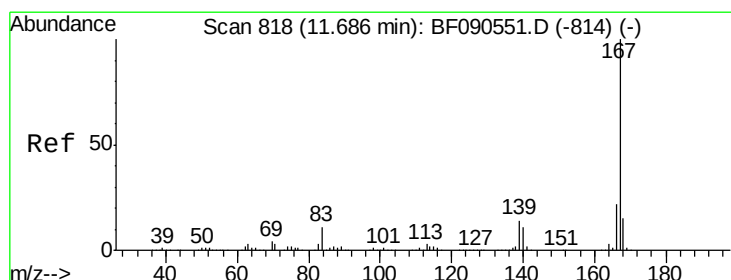
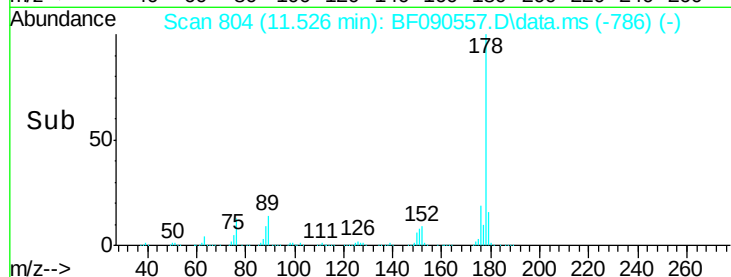
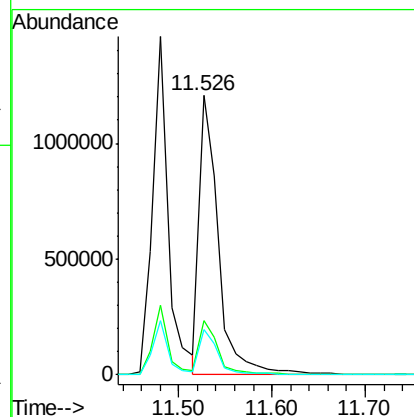
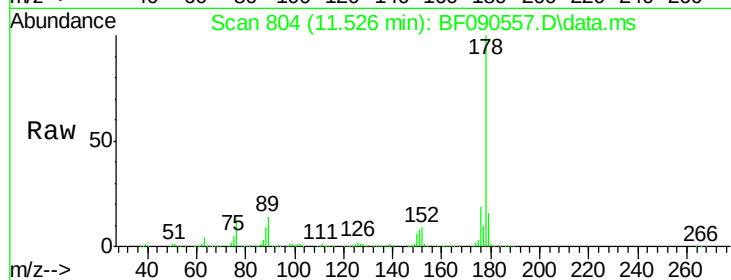
Tot Ion:178 Resp: 1719377

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 16.2 13.0 19.4



#72

Carbazole

Concen: 40.47 ng

RT: 11.686 min Scan# 818

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

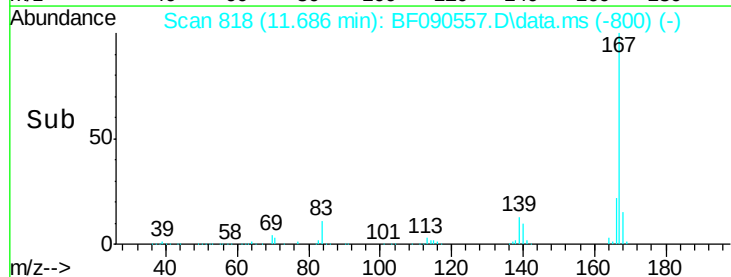
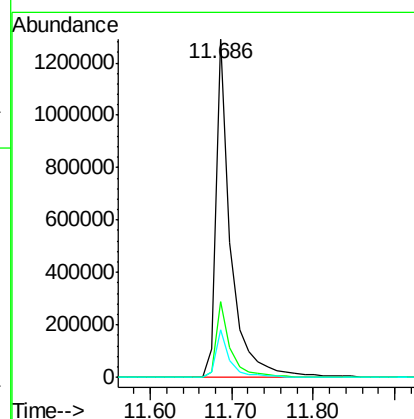
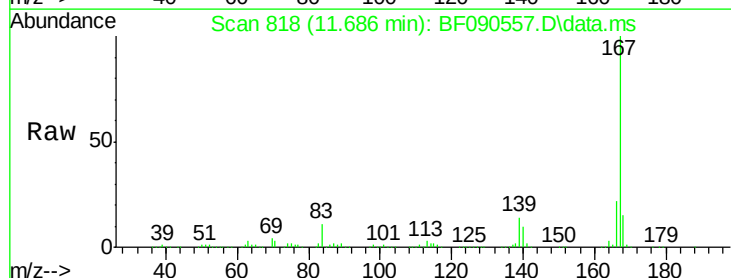
Tgt Ion:167 Resp: 1631713

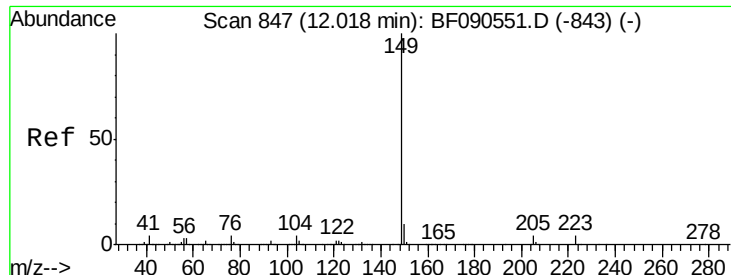
Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.8

139 14.1 11.3 16.9





#73

Di-n-butylphthalate

Concen: 41.04 ng

RT: 12.018 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

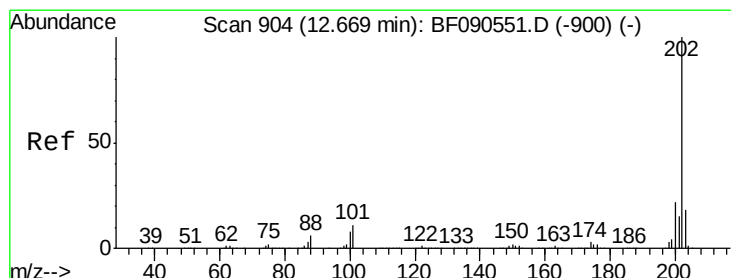
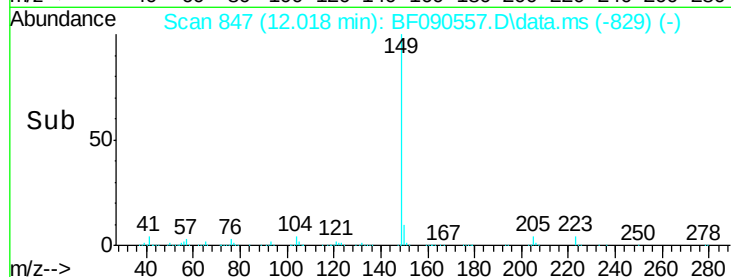
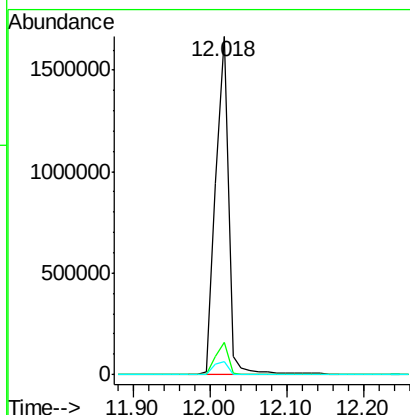
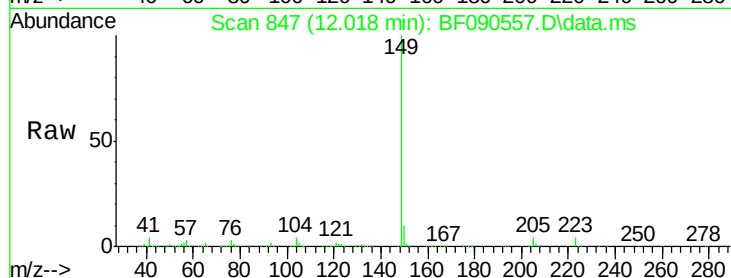
Tot Ion:149 Resp: 1938924

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

104 3.9 3.3 4.9



#74

Fluoranthene

Concen: 42.07 ng

RT: 12.669 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

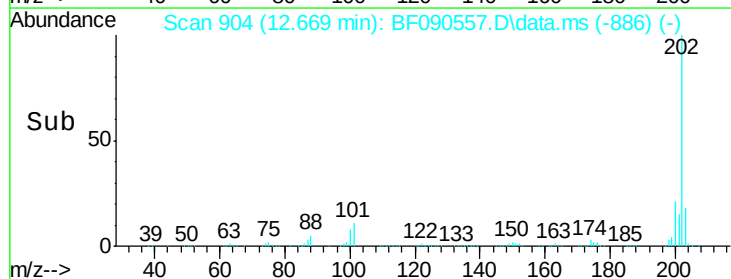
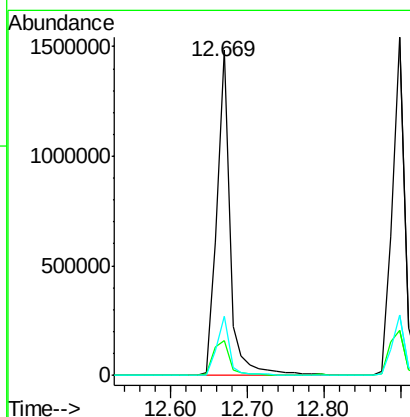
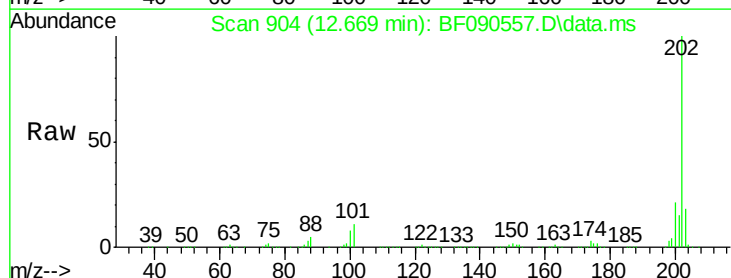
Tgt Ion:202 Resp: 1771060

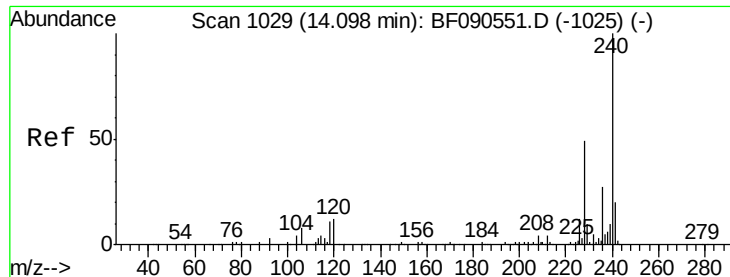
Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.1

203 18.1 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.098 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

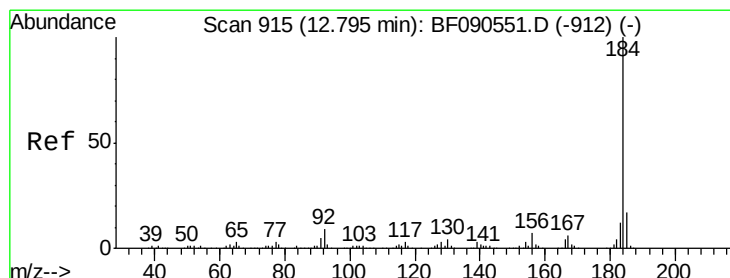
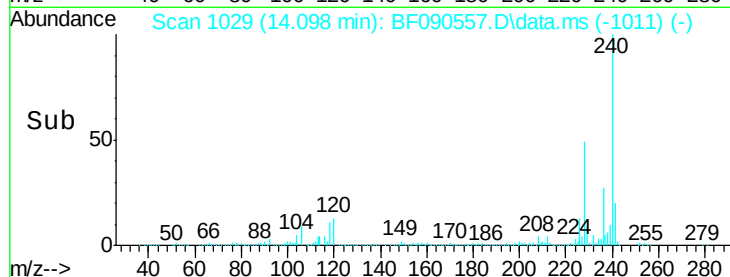
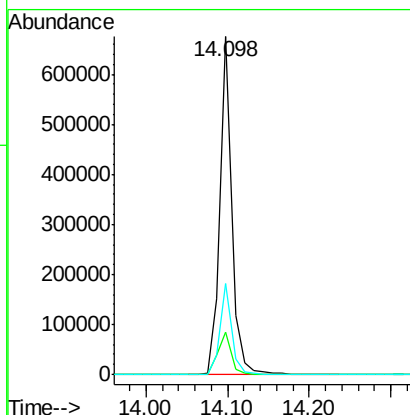
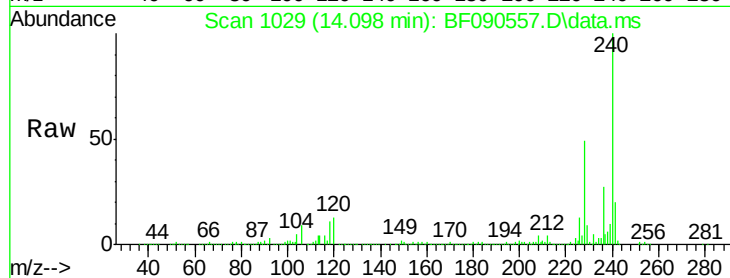
Tot Ion:240 Resp: 680823

Ion Ratio Lower Upper

240 100

120 12.7 9.8 14.8

236 27.0 21.7 32.5



#76

Benzidine

Concen: 44.82 ng

RT: 12.795 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

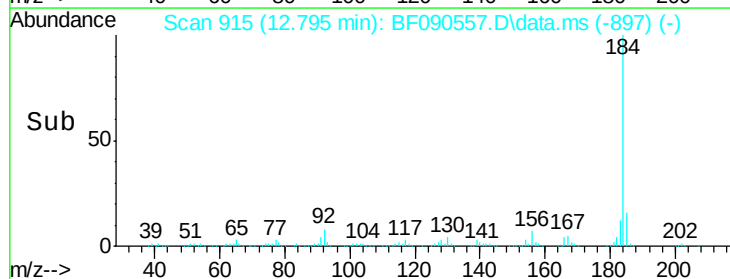
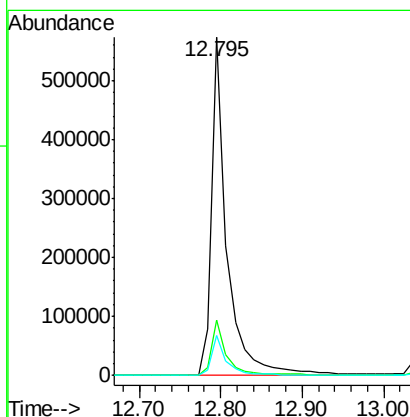
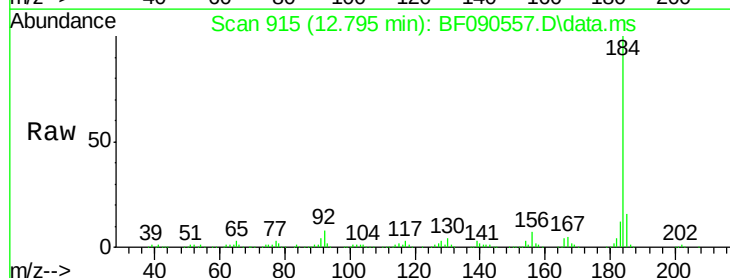
Tgt Ion:184 Resp: 759270

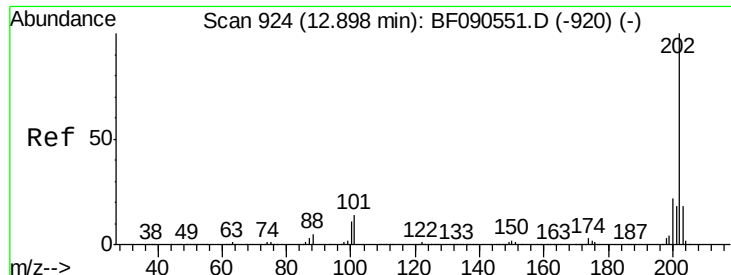
Ion Ratio Lower Upper

184 100

185 16.3 13.4 20.0

183 11.7 9.4 14.0

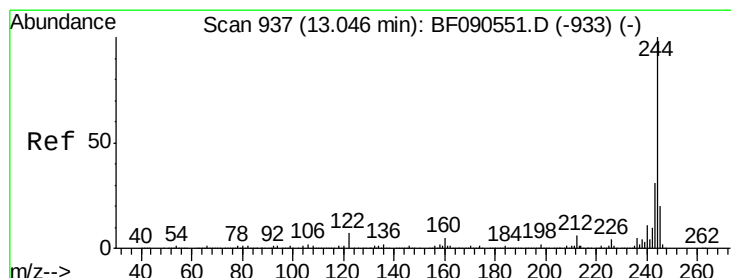
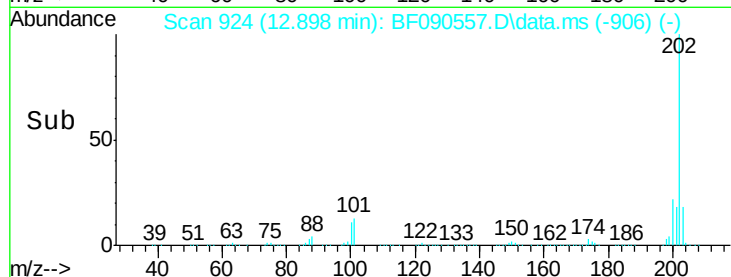
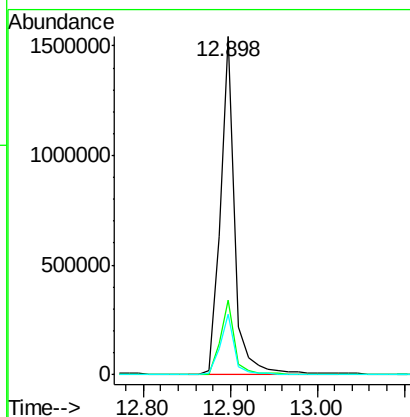
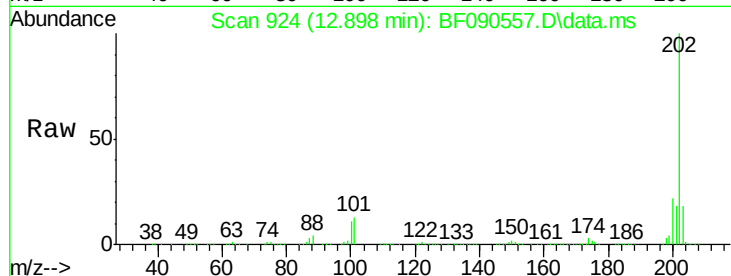




#77
Pvrene
Concen: 39.45 ng
RT: 12.898 min Scan# 92
Delta R.T. 0.000 min
Lab File: BF090557.D
Acq: 14 Oct 2016 8:46

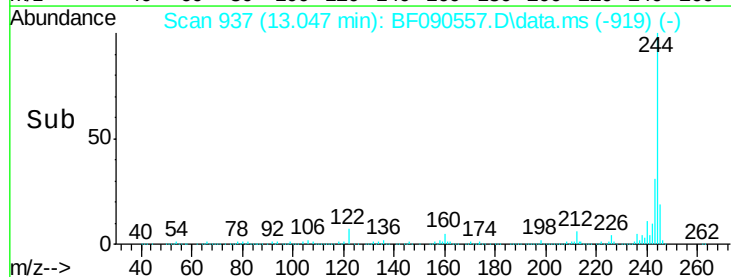
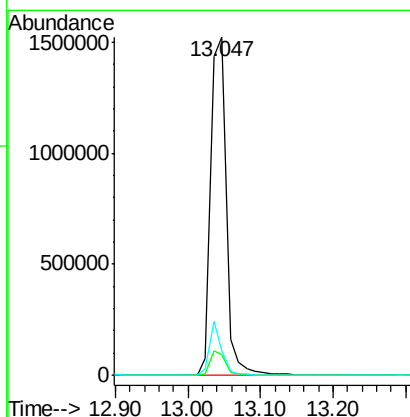
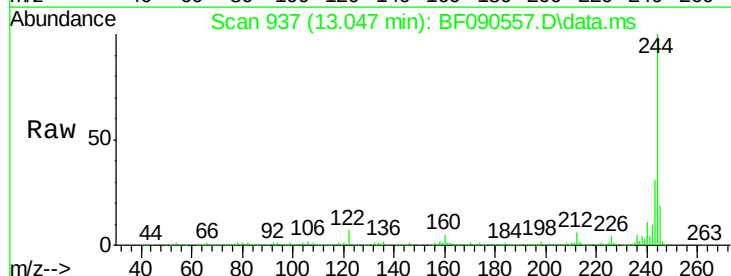
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

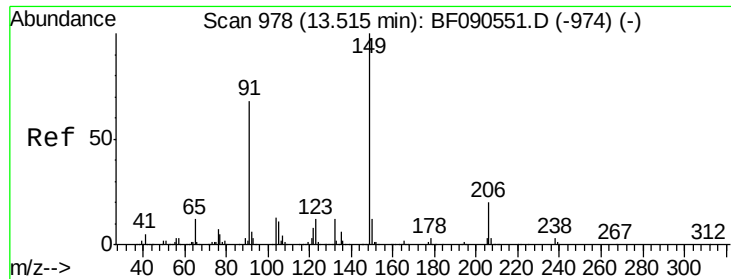
Tot Ion:202 Resp: 1779080
Ion Ratio Lower Upper
202 100
200 21.9 17.8 26.6
203 18.0 14.6 21.8



#78
Terphenyl-d14
Concen: 78.58 ng
RT: 13.047 min Scan# 937
Delta R.T. 0.000 min
Lab File: BF090557.D
Acq: 14 Oct 2016 8:46

Tgt Ion:244 Resp: 2297742
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 7.2 5.6 8.4

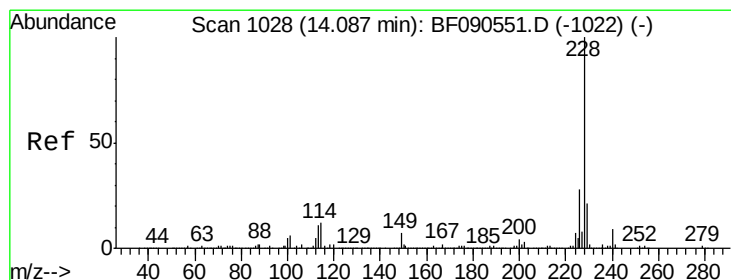
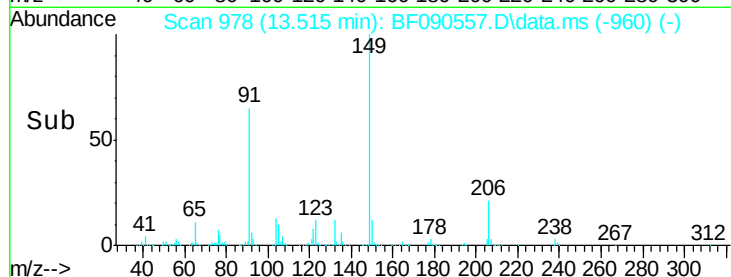
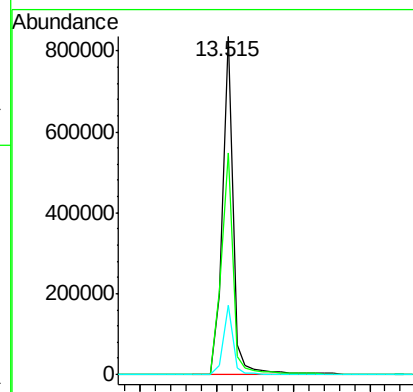
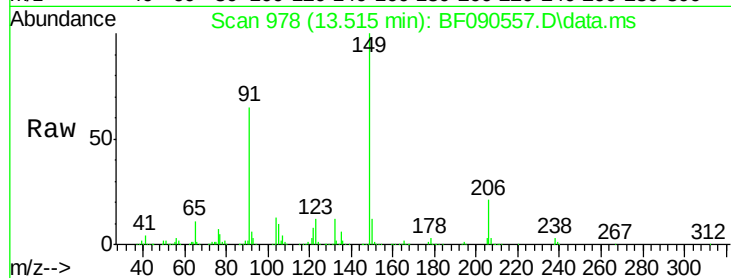




#79
 Butylbenzylphthalate
 Concen: 40.78 ng
 RT: 13.515 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

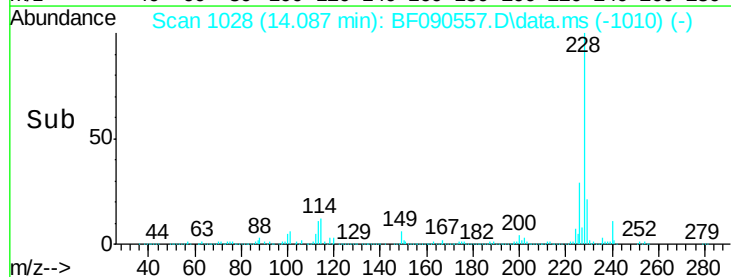
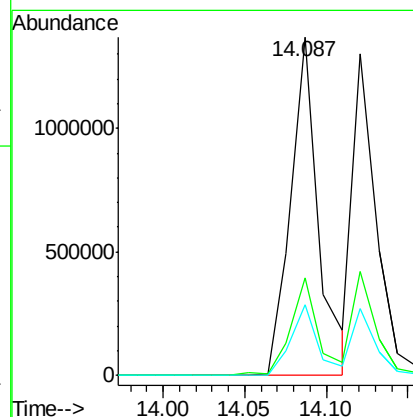
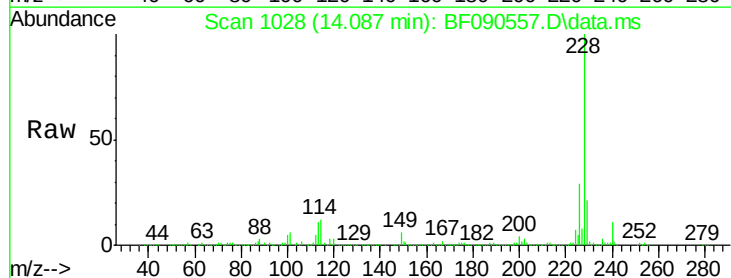
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

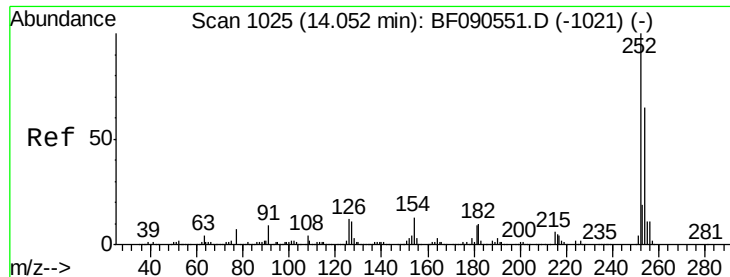
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.5	54.3	81.5
206	20.6	15.8	23.6



#80
 Benzo(a)anthracene
 Concen: 42.13 ng
 RT: 14.087 min Scan# 1028
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.8	34.2
229	20.9	16.6	25.0





#81

3,3'-Dichlorobenzidine

Concen: 42.57 ng

RT: 14.052 min Scan# 1025

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

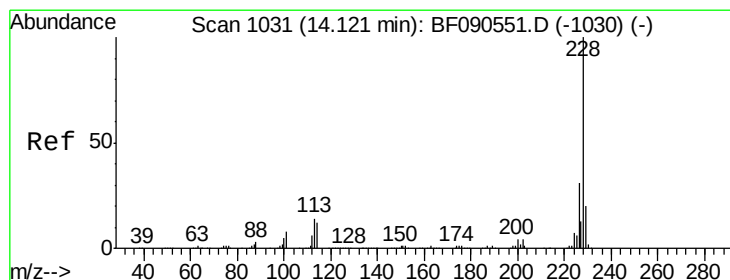
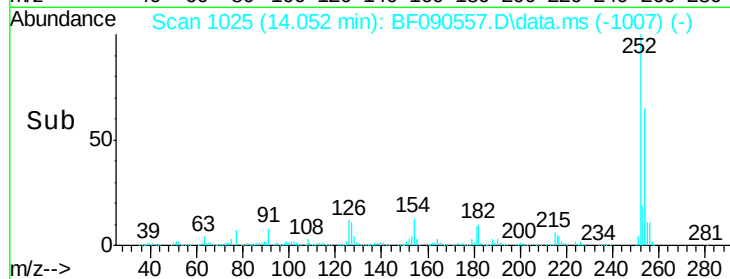
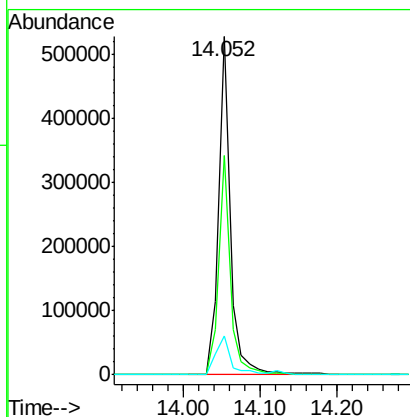
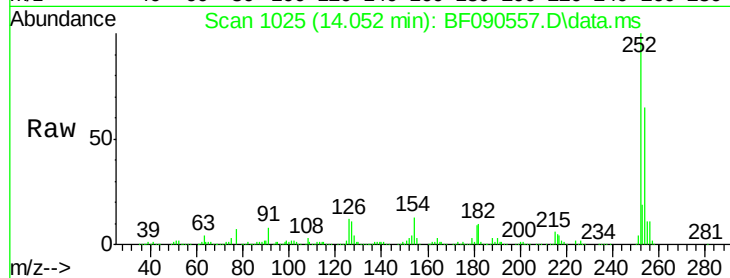
Tot Ion:252 Resp: 563629

Ion Ratio Lower Upper

252 100

254 64.9 52.1 78.1

126 11.6 9.3 13.9



#82

Chrysene

Concen: 36.46 ng

RT: 14.121 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

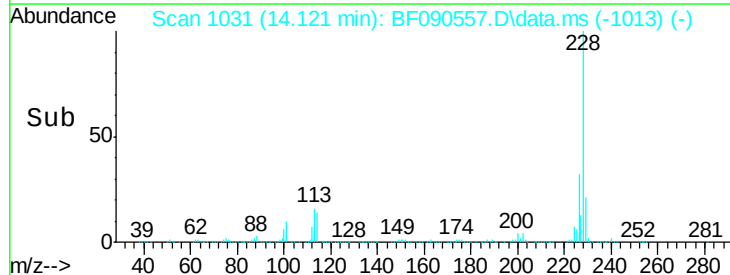
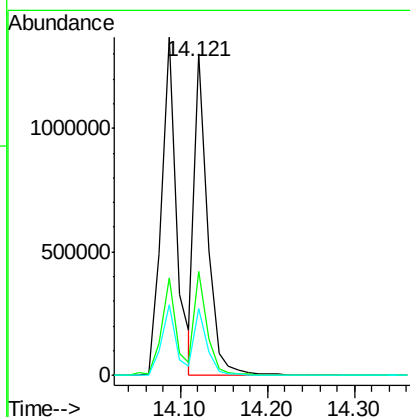
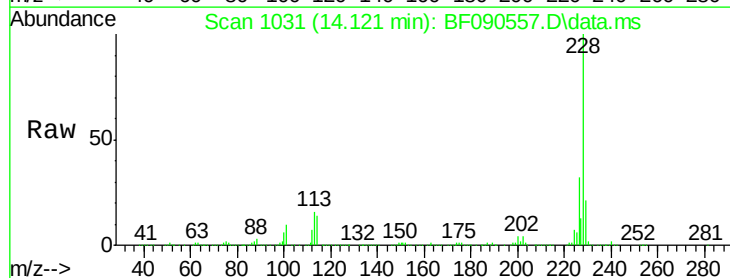
Tgt Ion:228 Resp: 1361373

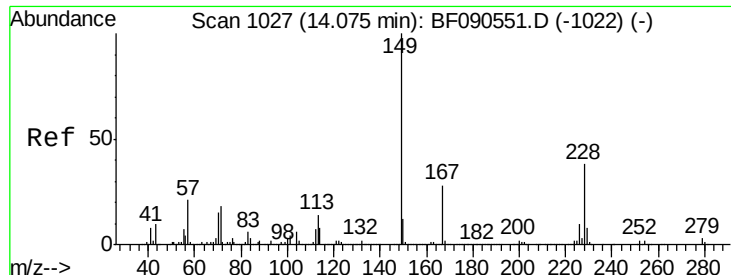
Ion Ratio Lower Upper

228 100

226 32.2 24.8 37.2

229 20.9 16.2 24.4

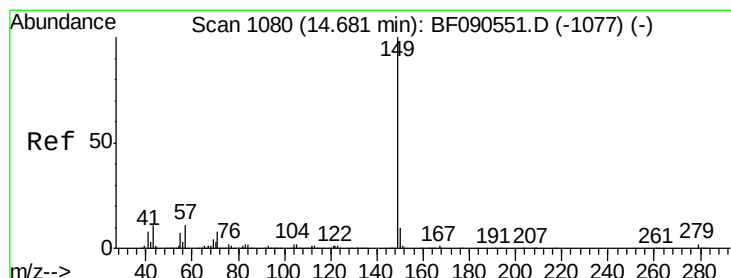
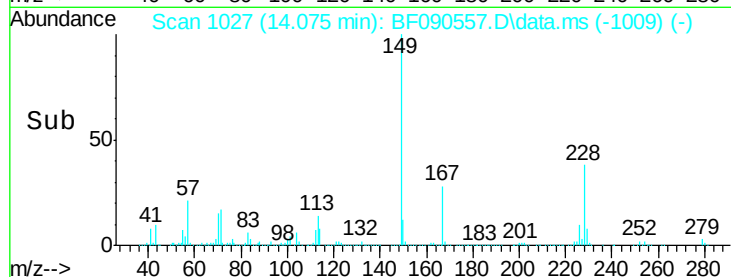
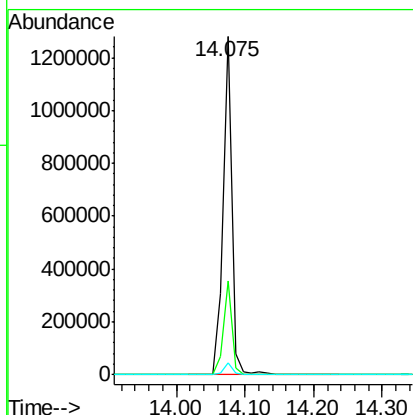
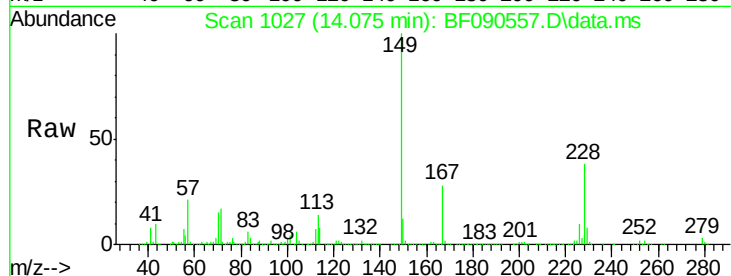




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.42 ng
 RT: 14.075 min Scan# 1027
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

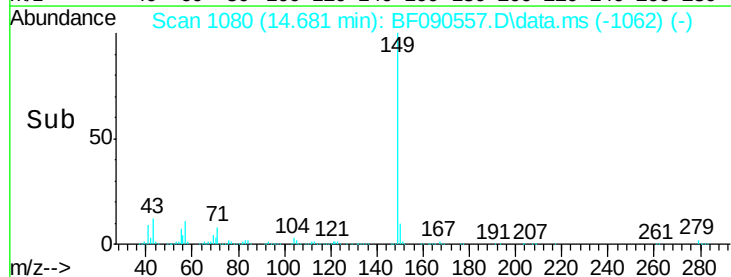
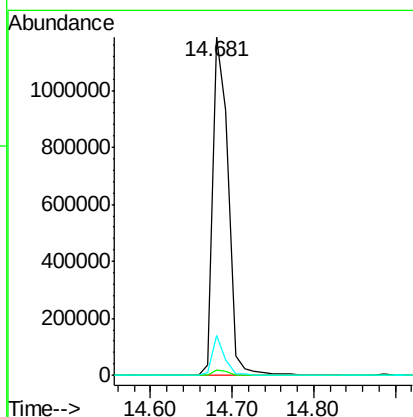
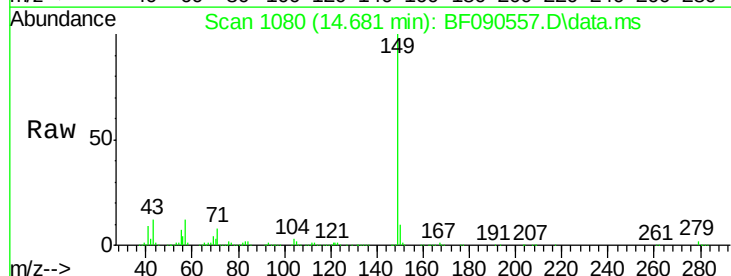
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

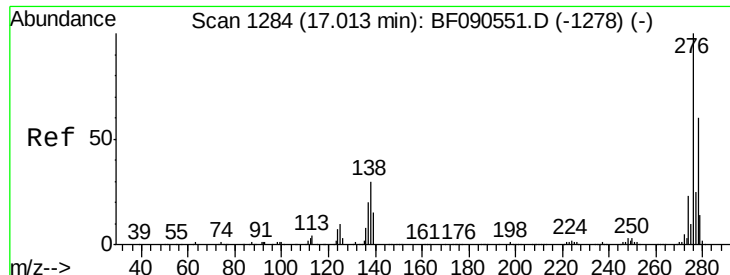
Tot Ion:149 Resp: 1170402
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.1 33.1
 279 3.4 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 43.44 ng
 RT: 14.681 min Scan# 1080
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

Tgt Ion:149 Resp: 1570006
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.4 6.7 10.1

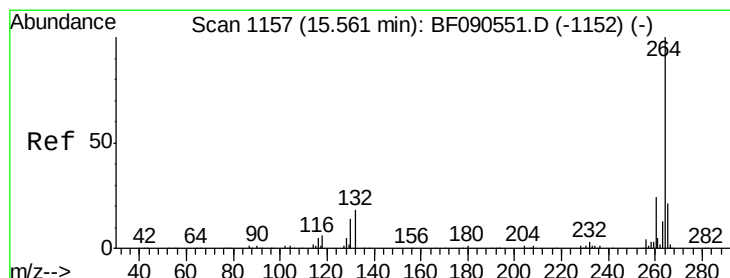
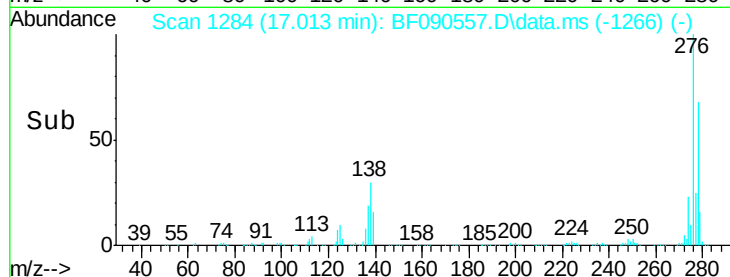
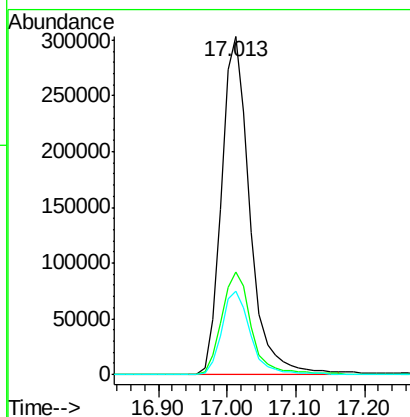
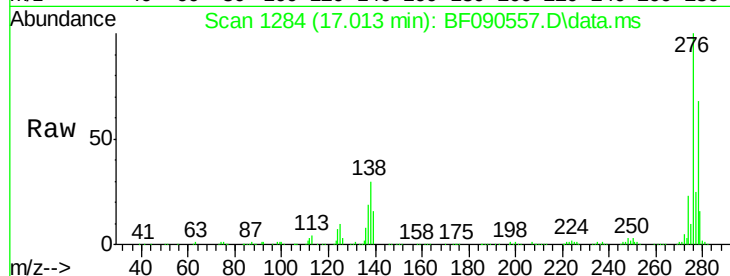




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.82 ng
 RT: 17.013 min Scan# 127
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

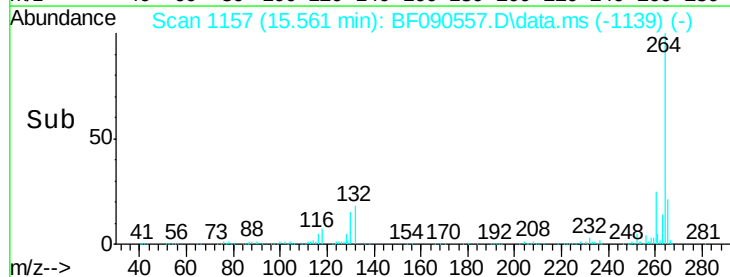
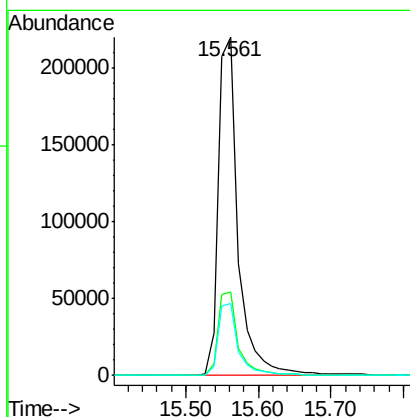
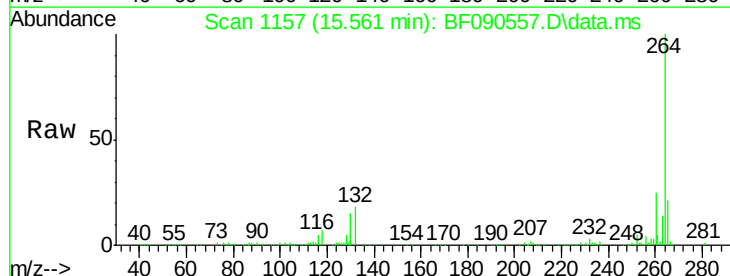
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

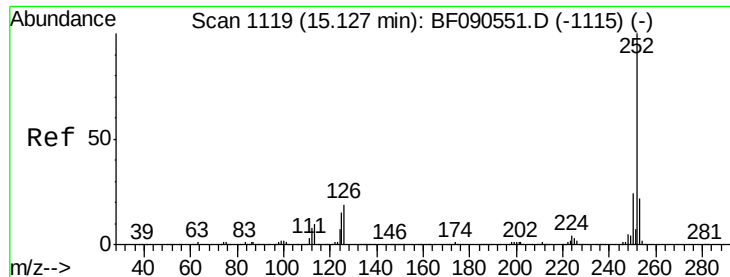
Tot Ion:276 Resp: 881318
 Ion Ratio Lower Upper
 276 100
 138 31.7 25.8 38.6
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.561 min Scan# 1157
 Delta R.T. 0.000 min
 Lab File: BF090557.D
 Acq: 14 Oct 2016 8:46

Tgt Ion:264 Resp: 414628
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.3 28.9
 265 21.1 16.7 25.1

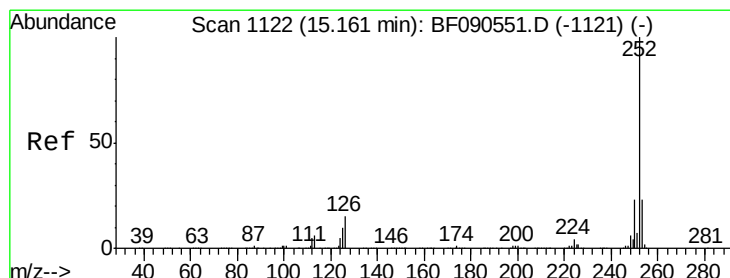
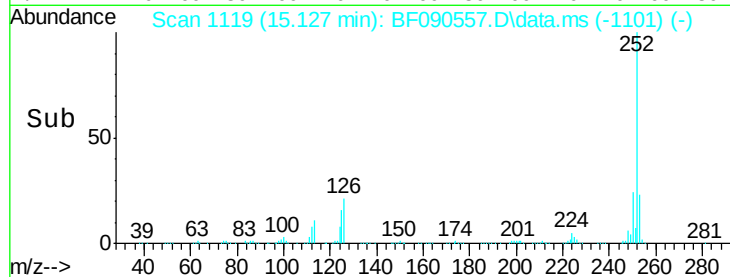
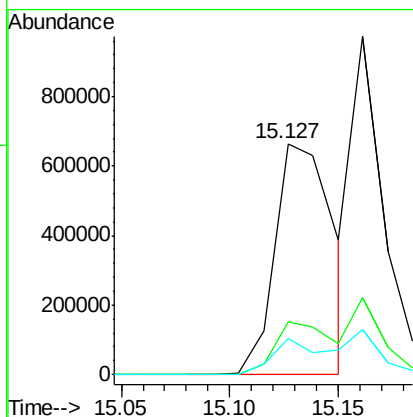
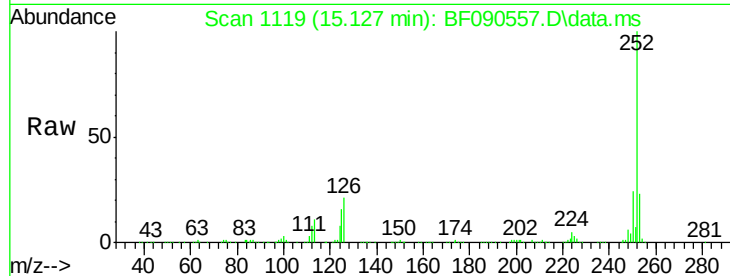




#87
Benzo(b)fluoranthene
Concen: 45.74 ng
RT: 15.127 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BF090557.D
Acq: 14 Oct 2016 8:46

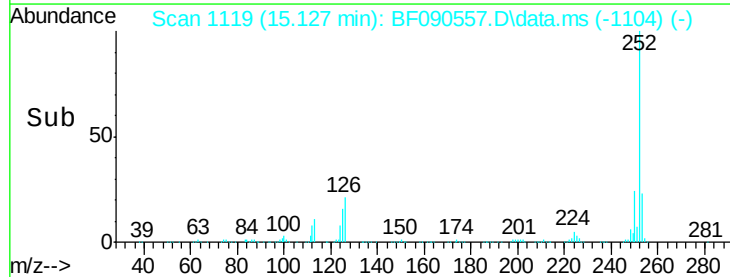
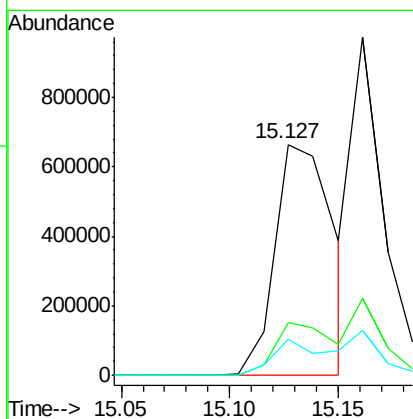
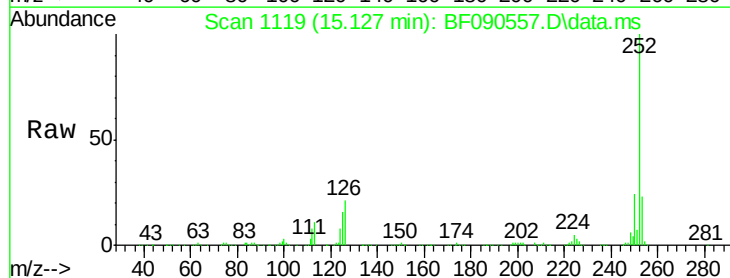
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

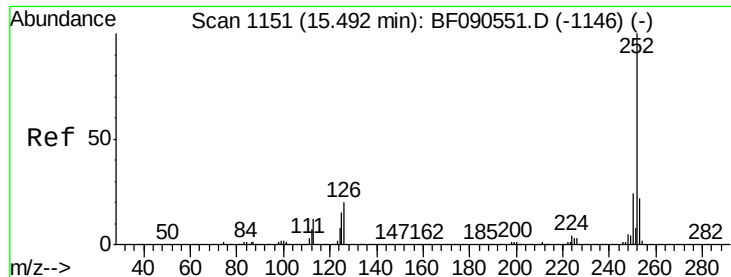
Tot Ion:252 Resp: 1240969
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 15.7 12.0 18.0



#88
Benzo(k)fluoranthene
Concen: 42.51 ng
RT: 15.127 min Scan# 1119
Delta R.T. -0.034 min
Lab File: BF090557.D
Acq: 14 Oct 2016 8:46

Tgt Ion:252 Resp: 1240969
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 15.7 10.0 15.0#





#89

Benzo(a)pyrene

Concen: 39.88 ng

RT: 15.493 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

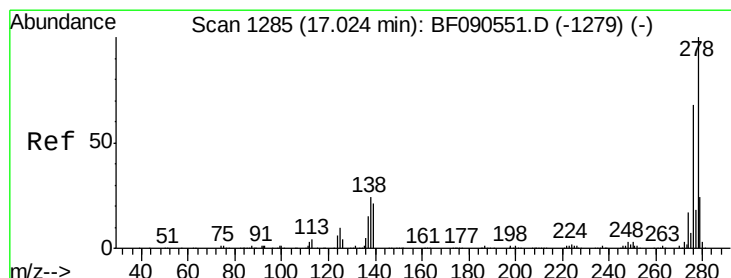
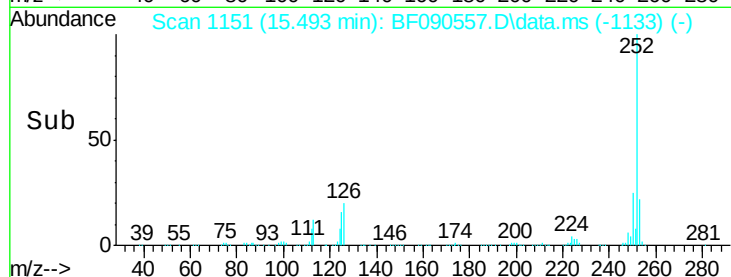
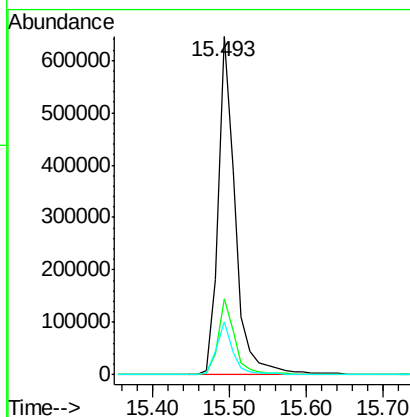
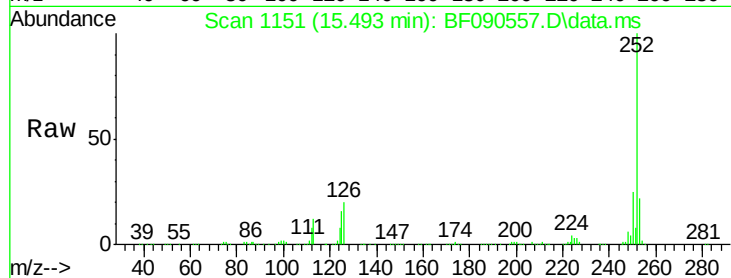
Tot Ion:252 Resp: 990460

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 15.7 12.3 18.5



#90

Dibenzo(a,h)anthracene

Concen: 40.52 ng

RT: 17.024 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

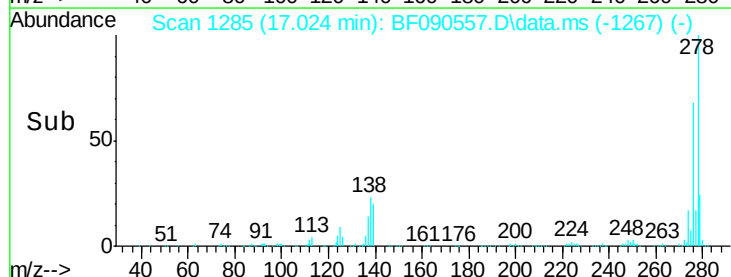
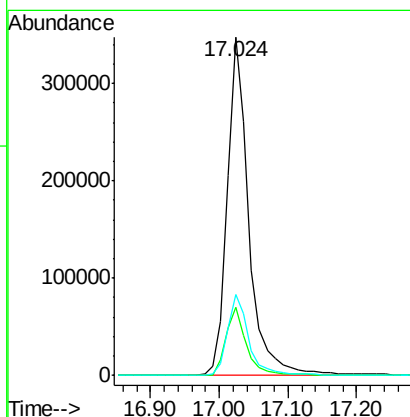
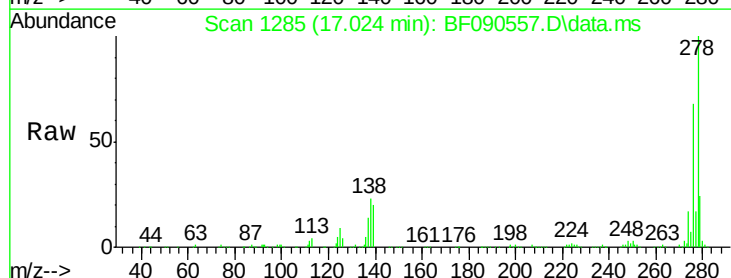
Tgt Ion:278 Resp: 767476

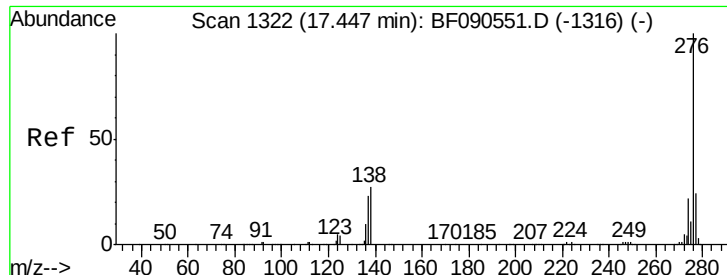
Ion Ratio Lower Upper

278 100

139 20.0 16.6 25.0

279 24.0 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 39.98 ng

RT: 17.447 min Scan# 13

Delta R.T. 0.000 min

Lab File: BF090557.D

Acq: 14 Oct 2016 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 722152

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 26.5 21.8 32.8

