

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090372.D
 Acq On : 5 Oct 2016 9:46
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 06 18:26:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	240389	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	968817	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	486086	20.00	ng	0.01
63) Phenanthrene-d10	11.55	188	820891	20.00	ng	0.00
75) Chrysene-d12	14.20	240	651364	20.00	ng	0.00
86) Perylene-d12	15.70	264	395092	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1209644	75.10	ng	0.00
7) Phenol-d6	6.62	99	1771131	83.96	ng	0.00
23) Nitrobenzene-d5	7.57	82	1677025	84.20	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	362170	91.63	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2545703	87.26	ng	0.00
78) Terphenyl-d14	13.14	244	2144736	74.03	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.71	88	329229	41.46	ng	# 92
3) Pyridine	3.49	79	932581	42.12	ng	86
4) n-Nitrosodimethylamine	3.43	42	373010	40.83	ng	# 66
6) Aniline	6.67	93	1229201	42.18	ng	97
8) 2-Chlorophenol	6.79	128	711364	40.13	ng	87
9) Benzaldehyde	6.55	77	427206	40.06	ng	95
10) Phenol	6.65	94	1048282	42.74	ng	89
11) bis(2-Chloroethyl)ether	6.74	93	759317	40.43	ng	93
12) 1,3-Dichlorobenzene	6.94	146	676727	38.30	ng	# 89
13) 1,4-Dichlorobenzene	7.02	146	752474	41.93	ng	99
14) 1,2-Dichlorobenzene	7.18	146	673565	38.95	ng	95
15) Benzyl Alcohol	7.14	79	639942	39.90	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1299556	40.80	ng	94
17) 2-Methylphenol	7.25	107	575397	39.47	ng	98
18) Hexachloroethane	7.53	117	288331	40.75	ng	95
19) n-Nitroso-di-n-propylamine	7.42	70	638707	41.29	ng	# 82
20) 3+4-Methylphenols	7.41	107	827774	43.87	ng	# 81
22) Acetophenone	7.41	105	933289	40.67	ng	# 93
24) Nitrobenzene	7.59	77	857640	43.37	ng	# 86
25) Isophorone	7.83	82	1543831	42.40	ng	98
26) 2-Nitrophenol	7.90	139	325616	38.26	ng	# 67
27) 2,4-Dimethylphenol	7.94	122	636189	38.44	ng	94
28) bis(2-Chloroethoxy)methane	8.04	93	949282	44.08	ng	# 98
29) 2,4-Dichlorophenol	8.14	162	505700	40.19	ng	# 84
30) 1,2,4-Trichlorobenzene	8.23	180	542125	41.80	ng	98
31) Naphthalene	8.31	128	1787700	38.25	ng	99
32) Benzoic acid	8.05	122	447612	38.90	ng	95
33) 4-Chloroaniline	8.36	127	797455	41.28	ng	98
34) Hexachlorobutadiene	8.44	225	312101	43.07	ng	99
35) Caprolactam	8.74	113	186851	44.17	ng	# 87
36) 4-Chloro-3-methylphenol	8.84	107	653160	41.46	ng	97
37) 2-Methylnaphthalene	9.01	142	1269161	44.86	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	507855	39.63	ng	97
40) Hexachlorocyclopentadiene	9.17	237	302114	43.01	ng	99

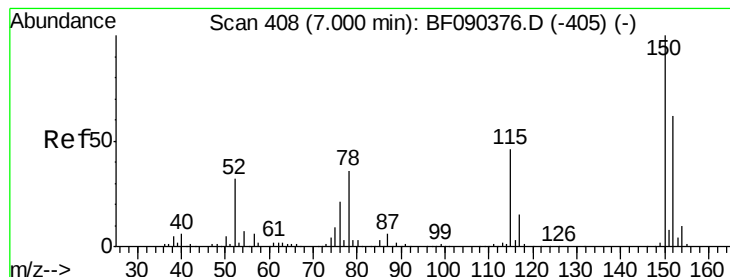
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	395685	44.74	nq	96
43) 2,4,5-Trichlorophenol	9.32	196	321056	38.39	nq	# 89
45) 1,1'-Biphenyl	9.48	154	1583458	43.96	nq	96
46) 2-Chloronaphthalene	9.50	162	1191661	44.78	nq	98
47) 2-Nitroaniline	9.59	65	486154	46.30	nq	92
48) Acenaphthylene	9.91	152	1729529	39.39	nq	99
49) Dimethylphthalate	9.78	163	1362636	43.77	nq	99
50) 2,6-Dinitrotoluene	9.83	165	299694	43.36	nq	93
51) Acenaphthene	10.09	154	1109056	40.51	nq	98
52) 3-Nitroaniline	10.01	138	393911	48.79	nq	90
53) 2,4-Dinitrophenol	10.11	184	130390	42.31	nq	89
54) Dibenzofuran	10.26	168	1391051	39.25	nq	# 89
55) 4-Nitrophenol	10.15	139	306554	43.39	nq	97
56) 2,4-Dinitrotoluene	10.23	165	355992	38.70	nq	# 27
57) Fluorene	10.61	166	1263059	42.41	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	294163	47.11	nq	95
59) Diethylphthalate	10.47	149	1296374	40.25	nq	# 92
60) 4-Chlorophenyl-phenylether	10.60	204	618871	45.70	nq	94
61) 4-Nitroaniline	10.61	138	369892	45.47	nq	93
62) Azobenzene	10.76	77	1698172	45.65	nq	91
64) 4,6-Dinitro-2-methylphenol	10.65	198	189967	35.83	nq	# 79
65) n-Nitrosodiphenylamine	10.71	169	1036682	37.69	nq	97
66) 4-Bromophenyl-phenylether	11.09	248	352140	43.76	nq	95
67) Hexachlorobenzene	11.16	284	398249	44.44	nq	98
68) Atrazine	11.24	200	261235	38.51	nq	99
69) Pentachlorophenol	11.34	266	200495	37.59	nq	98
70) Phenanthrene	11.57	178	1673014	39.80	nq	99
71) Anthracene	11.63	178	1736852	40.46	nq	97
72) Carbazole	11.78	167	1787490	44.82	nq	99
73) Di-n-butylphthalate	12.11	149	2039252	42.02	nq	99
74) Fluoranthene	12.76	202	1535936	37.25	nq	95
76) Benzidine	12.88	184	633388	36.98	nq	99
77) Pyrene	13.00	202	1721138	39.63	nq	97
79) Butylbenzylphthalate	13.62	149	887188	39.81	nq	97
80) Benzo(a)anthracene	14.19	228	1430055	39.13	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	505038	38.12	nq	# 95
82) Chrysene	14.22	228	1259433	37.44	nq	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1253406	39.57	nq	99
84) Di-n-octyl phthalate	14.80	149	1783473	37.98	nq	95
85) Indeno(1,2,3-cd)pyrene	17.23	276	952952	39.74	nq	# 94
87) Benzo(b)fluoranthene	15.26	252	1062045	42.20	nq	# 98
88) Benzo(k)fluoranthene	15.26	252	1062045	44.93	nq	# 96
89) Benzo(a)pyrene	15.64	252	904164	41.68	nq	98
90) Dibenzo(a,h)anthracene	17.24	278	793552	43.00	nq	# 92
91) Benzo(g,h,i)perylene	17.69	276	778935	43.98	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

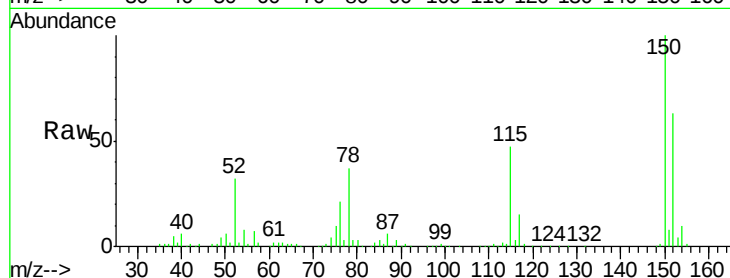
Tot Ion:152 Resp: 240389

Ion Ratio Lower Upper

152 100

150 158.3 124.6 186.8

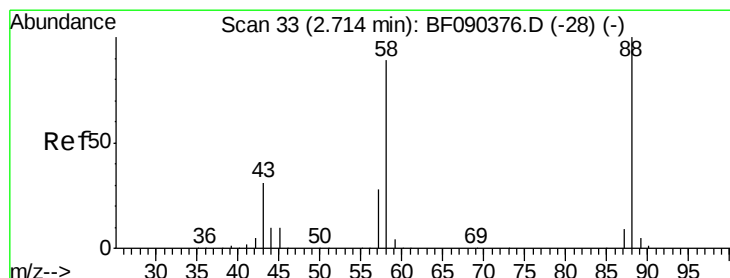
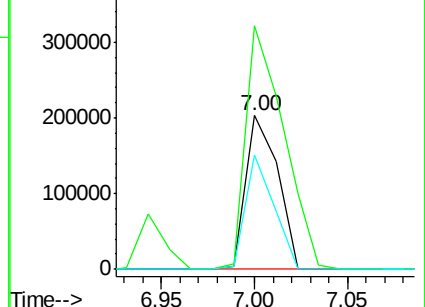
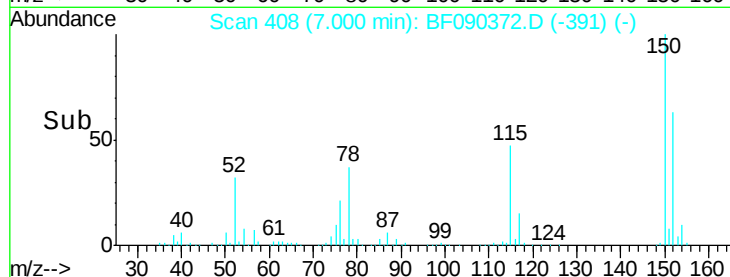
115 74.5 46.2 69.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.46 ng

RT: 2.71 min Scan# 33

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

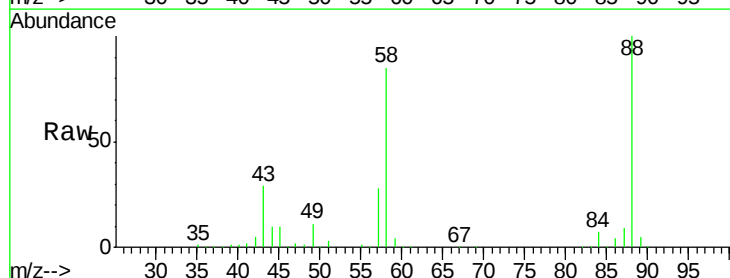
Tgt Ion: 88 Resp: 329229

Ion Ratio Lower Upper

88 100

58 84.4 71.2 106.8

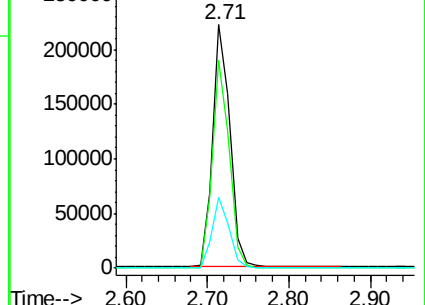
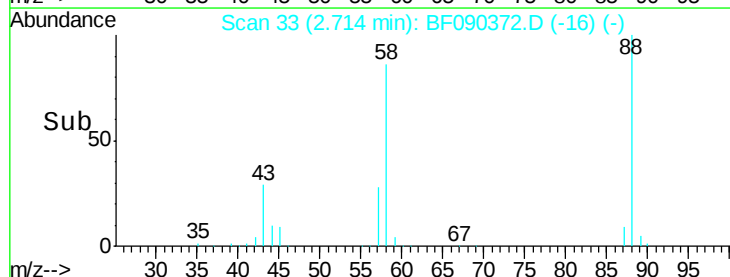
43 28.3 29.8 44.6#

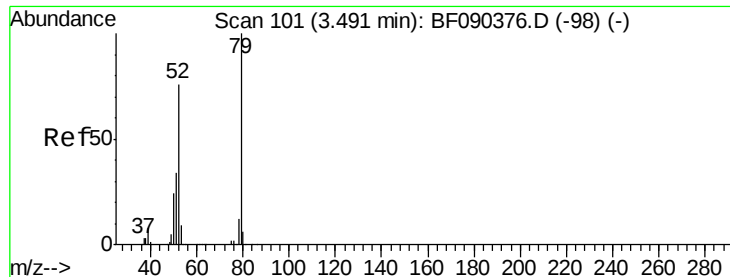


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.12 ng

RT: 3.49 min Scan# 101

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

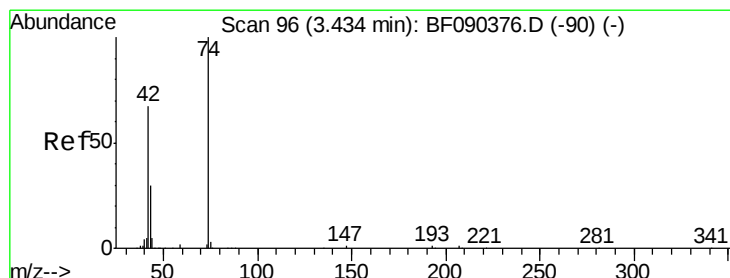
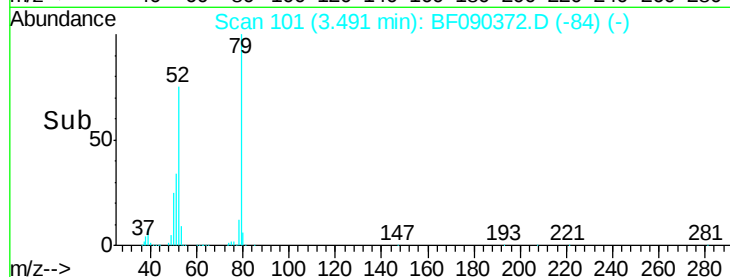
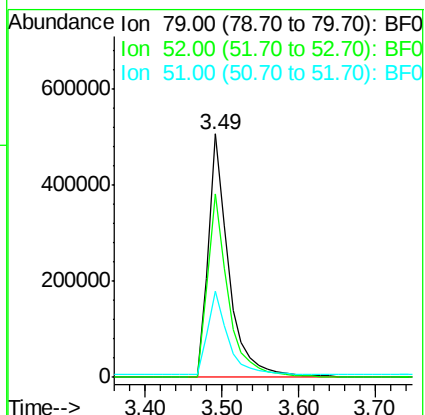
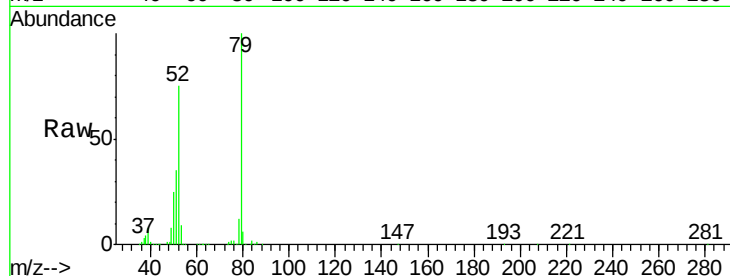
Tot Ion: 79 Resp: 932581

Ion Ratio Lower Upper

79 100

52 75.4 71.3 106.9

51 35.2 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 40.83 ng

RT: 3.43 min Scan# 96

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

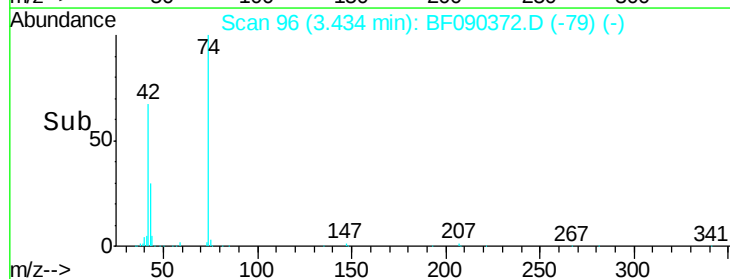
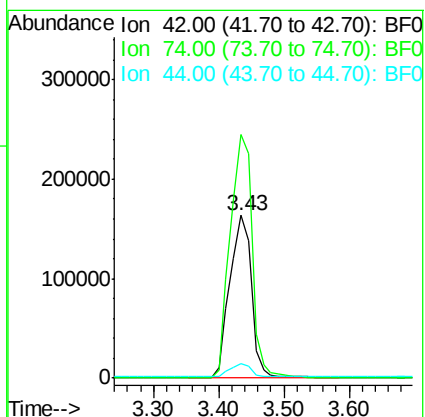
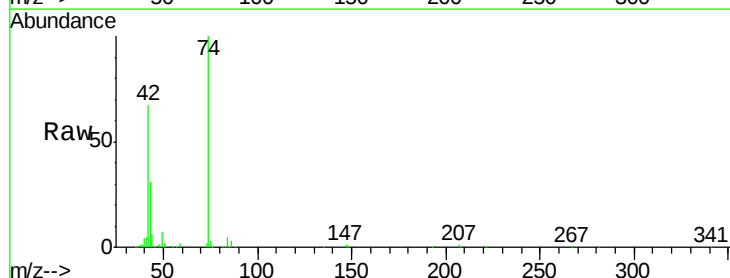
Tgt Ion: 42 Resp: 373010

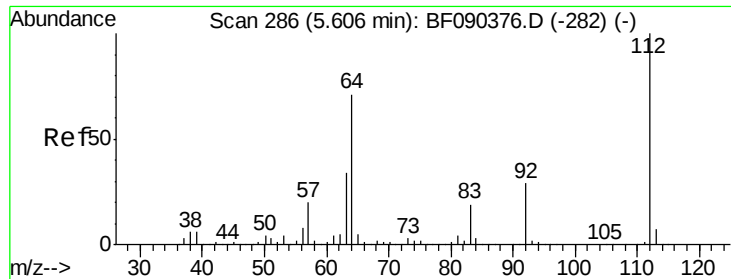
Ion Ratio Lower Upper

42 100

74 149.8 88.9 133.3#

44 8.6 6.5 9.7





#5

2-Fluorophenol

Concen: 75.10 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

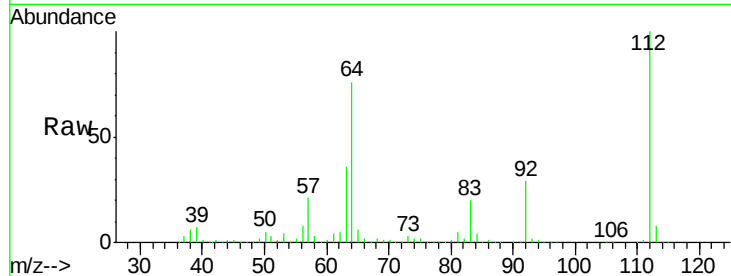
Tot Ion:112 Resp: 1209644

Ion Ratio Lower Upper

112 100

64 75.8 57.9 86.9

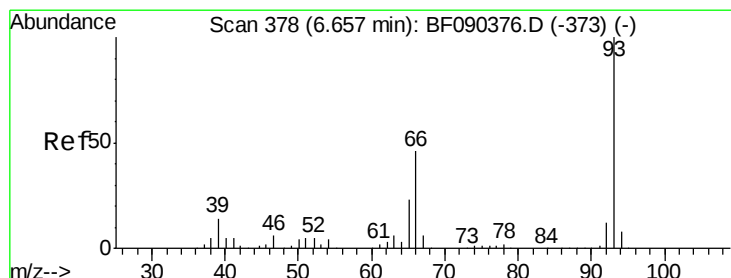
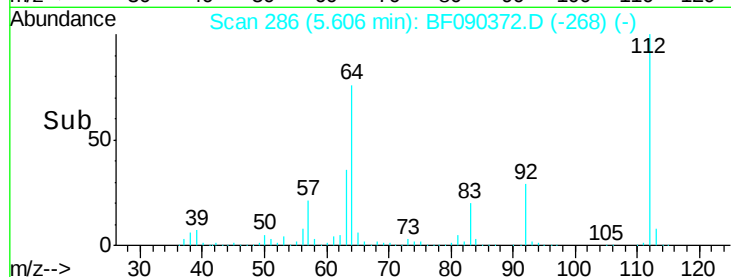
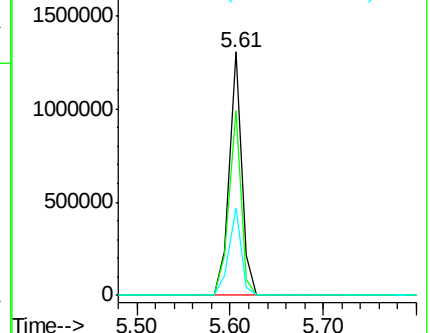
63 36.2 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.18 ng

RT: 6.67 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

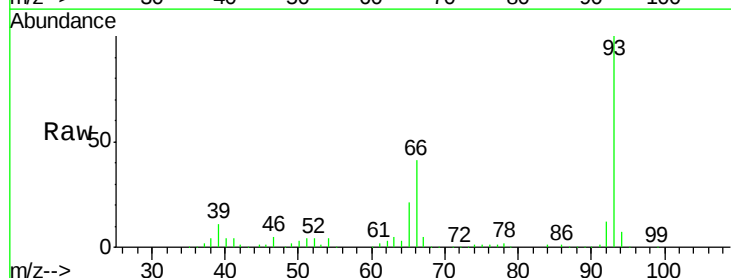
Tgt Ion: 93 Resp: 1229201

Ion Ratio Lower Upper

93 100

66 41.3 34.5 51.7

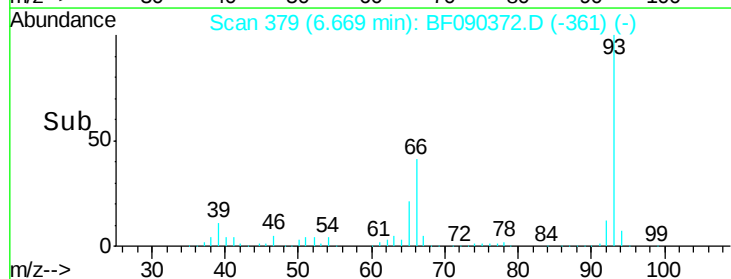
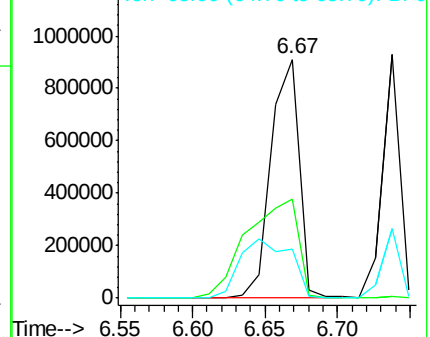
65 20.7 18.2 27.2

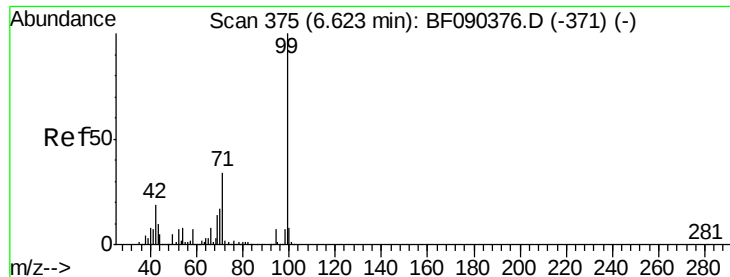


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.96 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

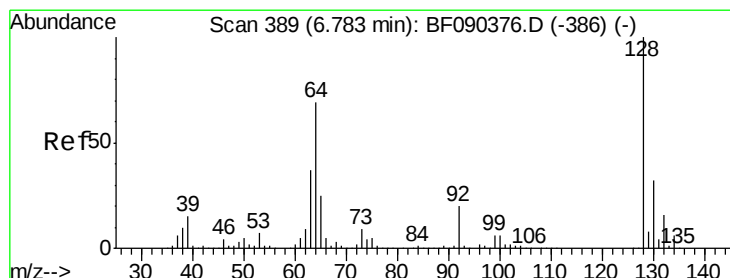
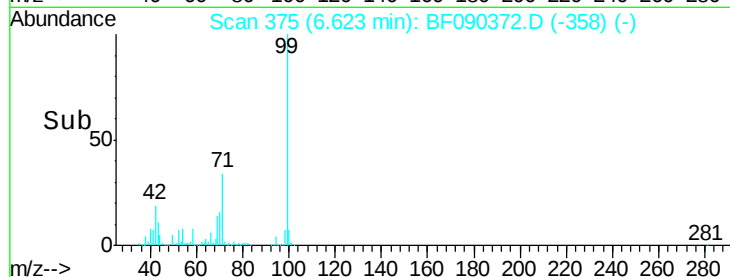
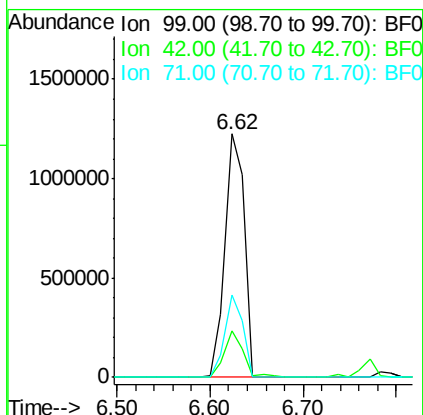
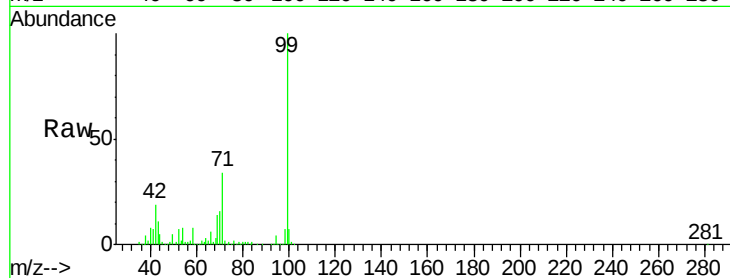
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1771131

Ion	Ratio	Lower	Upper
99	100		
42	19.1	20.0	30.0#
71	34.0	27.9	41.9



#8

2-Chlorophenol

Concen: 40.13 ng

RT: 6.79 min Scan# 390

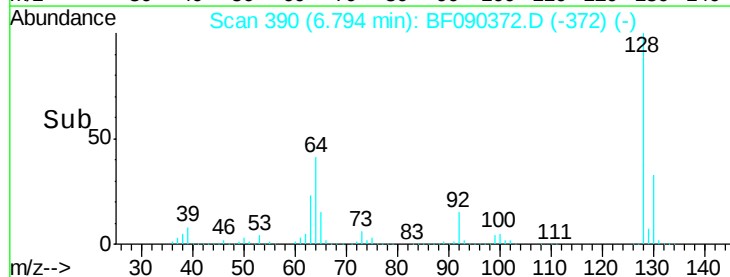
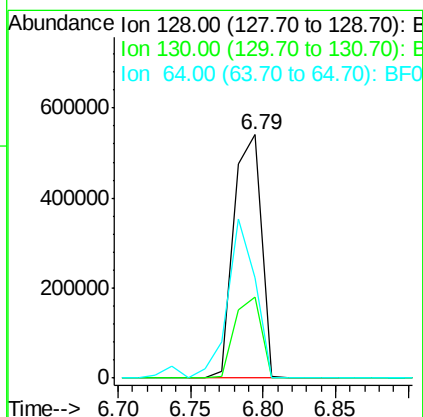
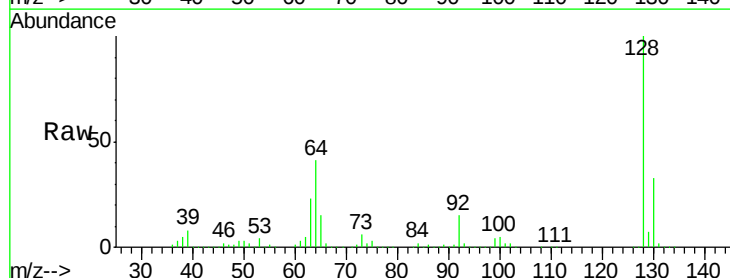
Delta R.T. 0.01 min

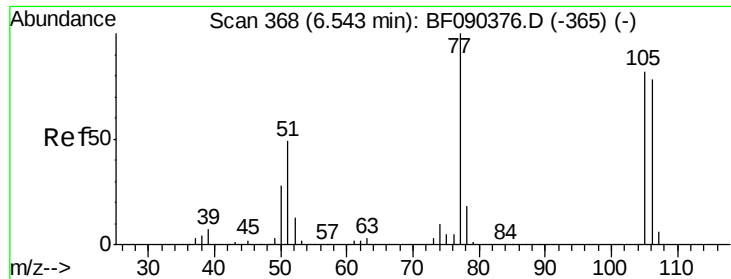
Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Tgt Ion: 128 Resp: 711364

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.3	53.3
64	41.0	36.0	76.0





#9

Benzaldehyde

Concen: 40.06 ng

RT: 6.55 min Scan# 369

Delta R.T. 0.01 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

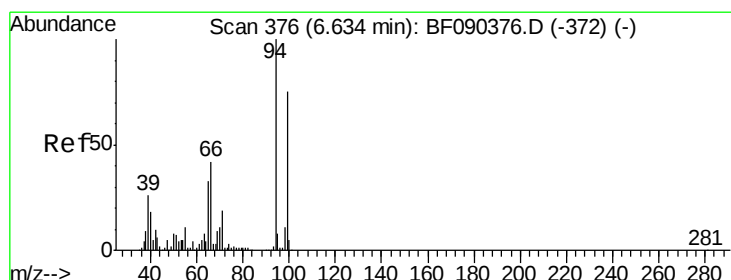
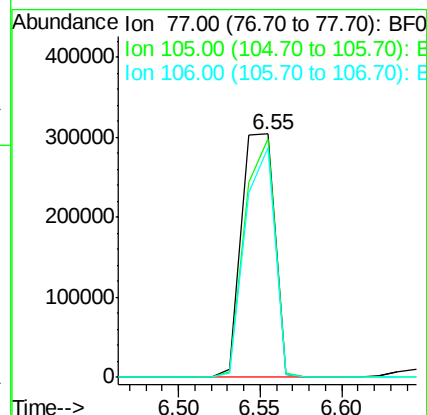
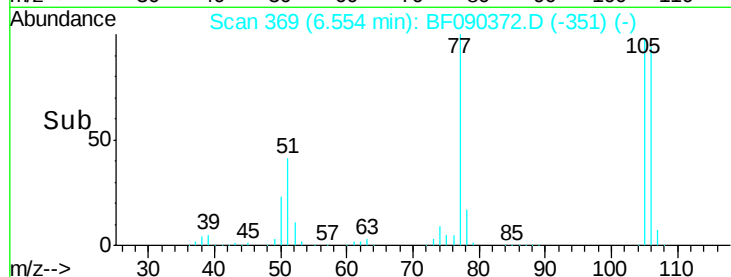
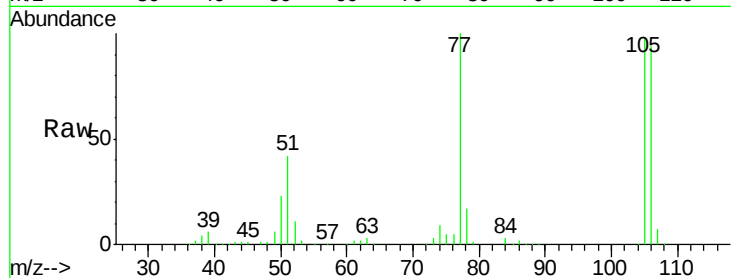
Tot Ion: 77 Resp: 427206

Ion Ratio Lower Upper

77 100

105 98.1 73.1 113.1

106 94.3 70.2 110.2



#10

Phenol

Concen: 42.74 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

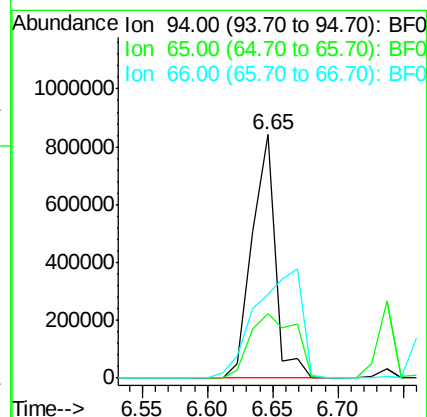
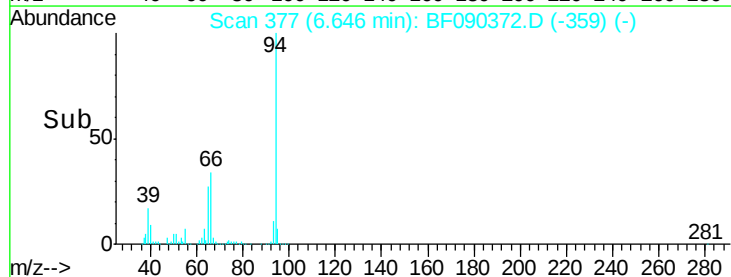
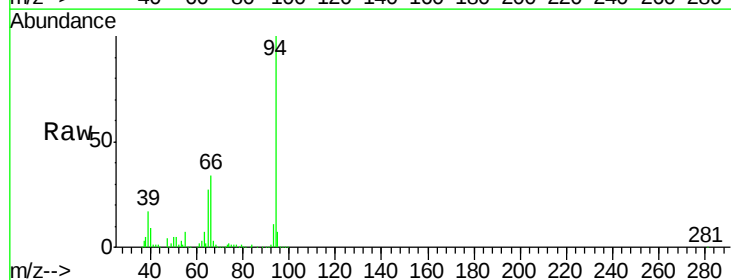
Tgt Ion: 94 Resp: 1048282

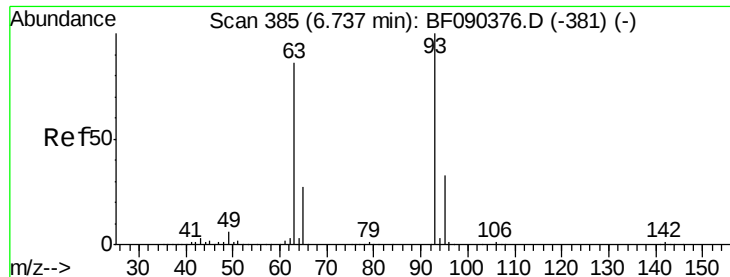
Ion Ratio Lower Upper

94 100

65 26.7 13.3 53.3

66 34.2 20.4 60.4

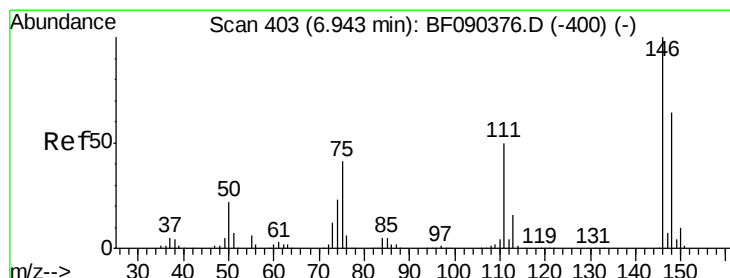
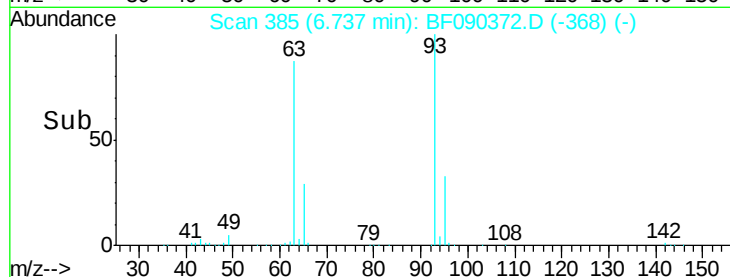
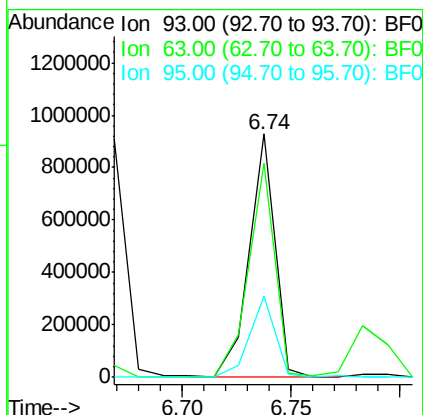
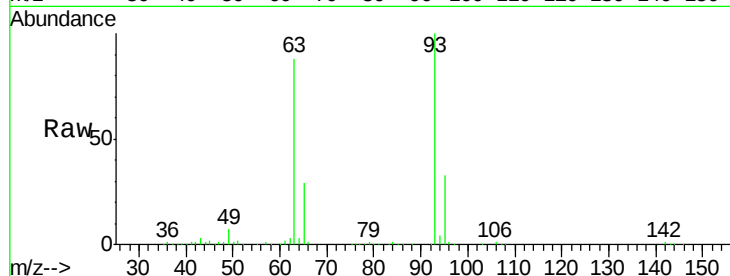




#11
bis(2-Chloroethyl)ether
Concen: 40.43 ng
RT: 6.74 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

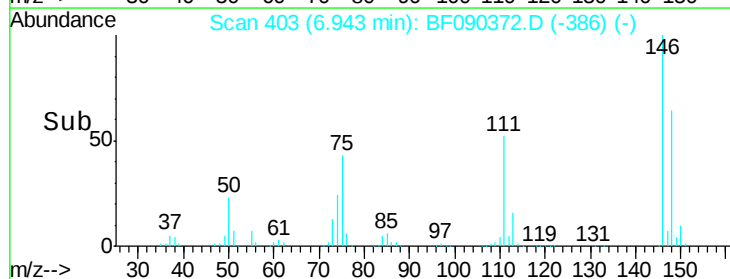
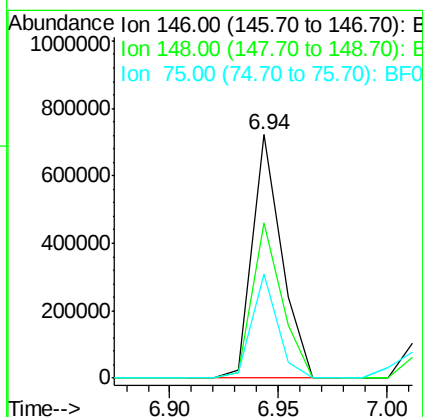
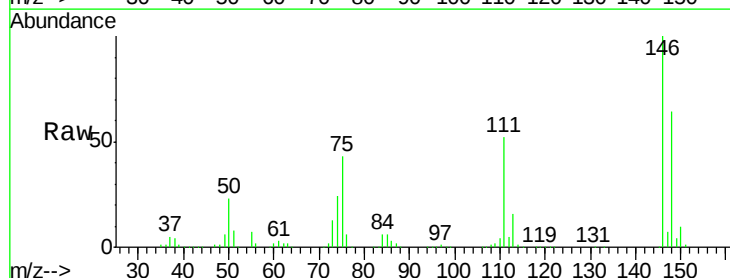
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

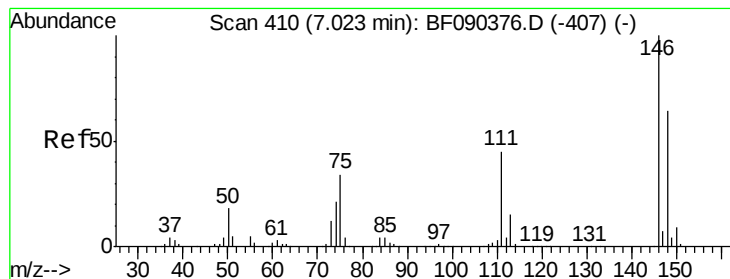
Tot Ion: 93 Resp: 759317
Ion Ratio Lower Upper
93 100
63 88.2 59.7 99.7
95 33.2 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 38.30 ng
RT: 6.94 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Tgt Ion: 146 Resp: 676727
Ion Ratio Lower Upper
146 100
148 63.6 52.2 78.4
75 43.0 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 41.93 ng

RT: 7.02 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

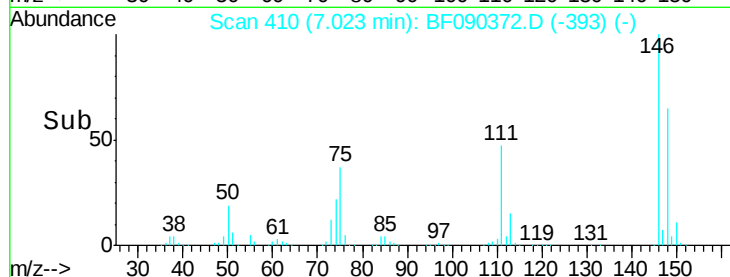
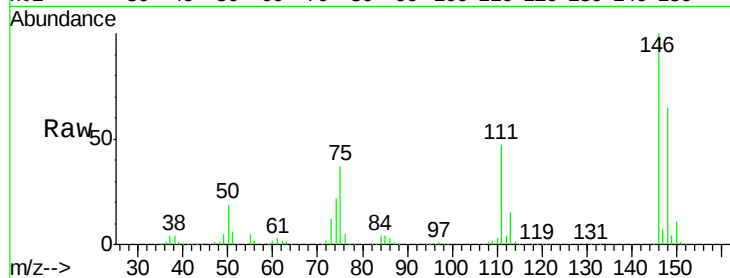
Tot Ion:146 Resp: 752474

Ion Ratio Lower Upper

146 100

148 64.7 51.1 76.7

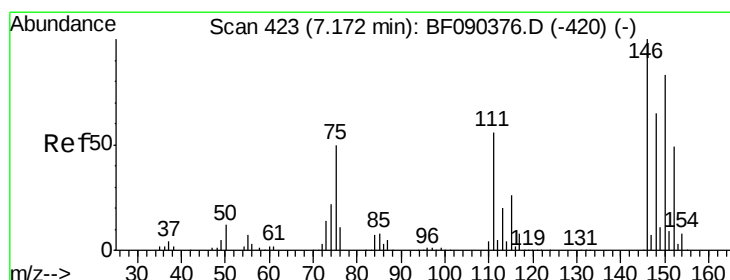
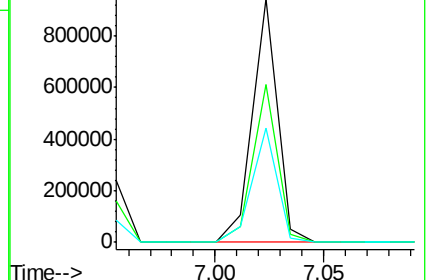
111 46.9 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.95 ng

RT: 7.18 min Scan# 424

Delta R.T. 0.01 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

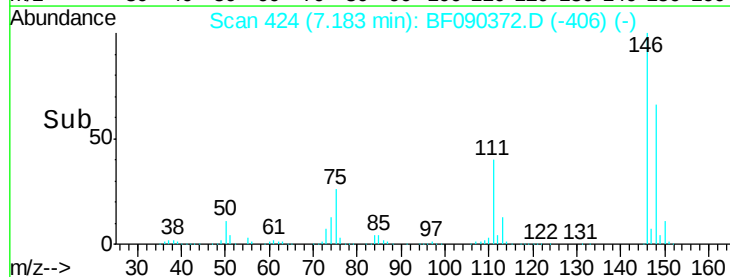
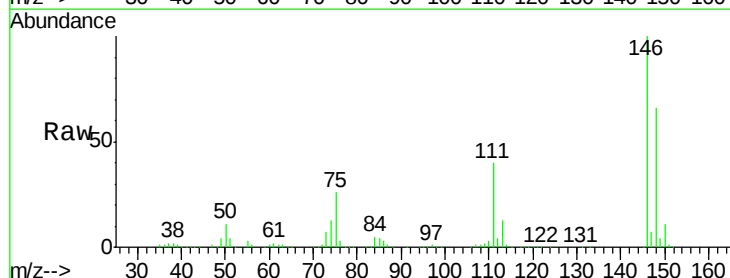
Tgt Ion:146 Resp: 673565

Ion Ratio Lower Upper

146 100

148 65.8 52.3 78.5

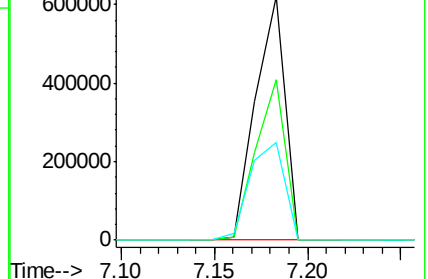
111 40.2 38.2 57.4

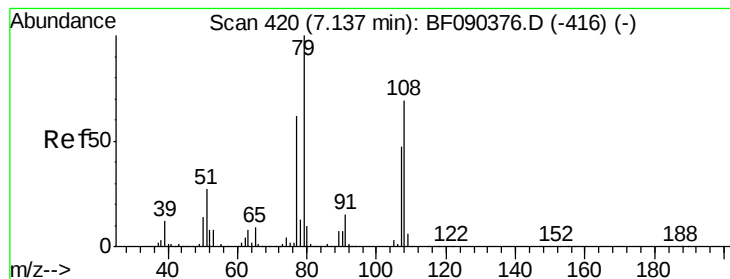


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.90 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

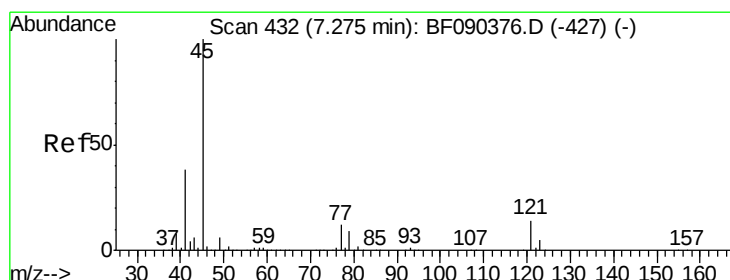
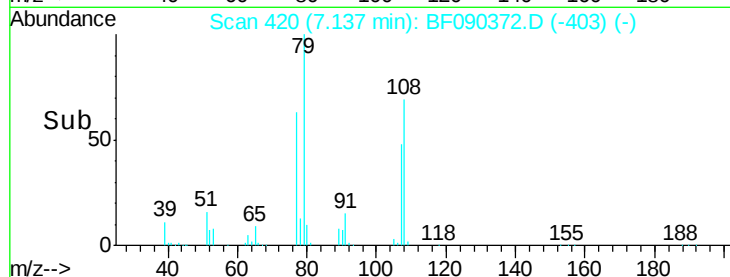
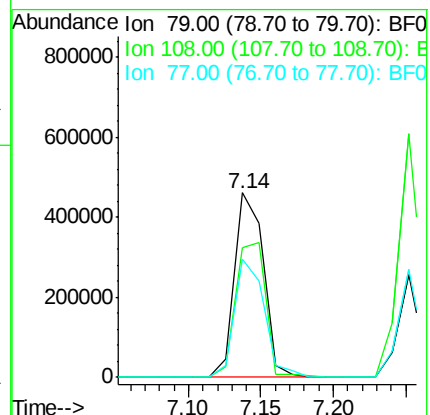
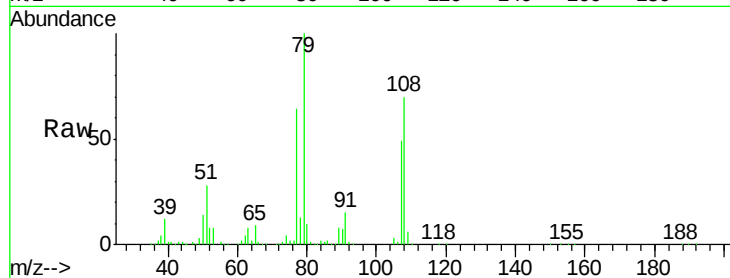
Tot Ion: 79 Resp: 639942

Ion Ratio Lower Upper

79 100

108 70.2 60.9 91.3

77 64.0 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.80 ng

RT: 7.29 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

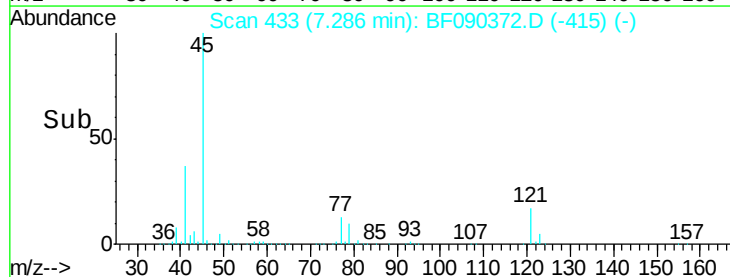
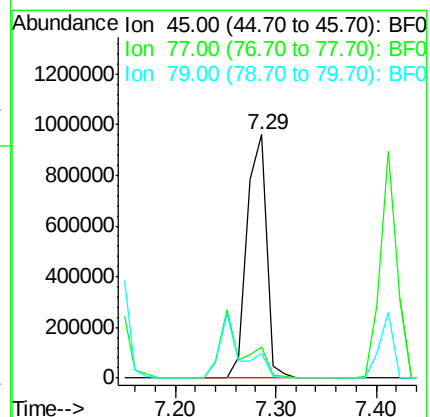
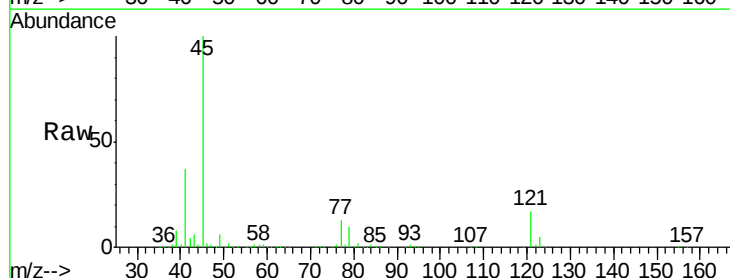
Tgt Ion: 45 Resp: 1299556

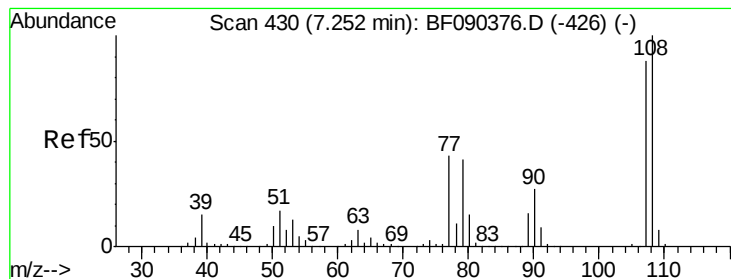
Ion Ratio Lower Upper

45 100

77 12.9 0.0 30.8

79 10.3 0.0 28.2

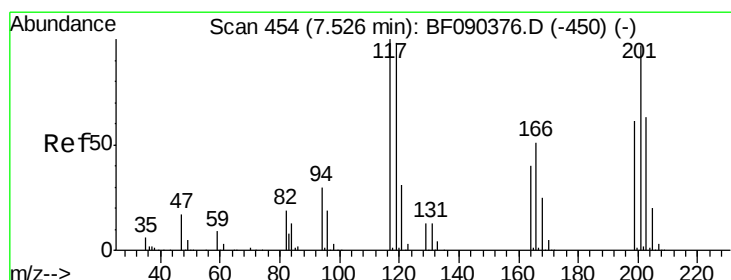
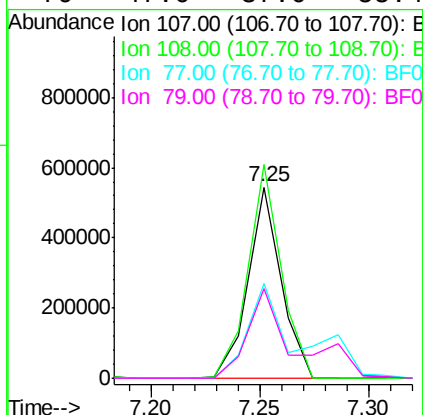
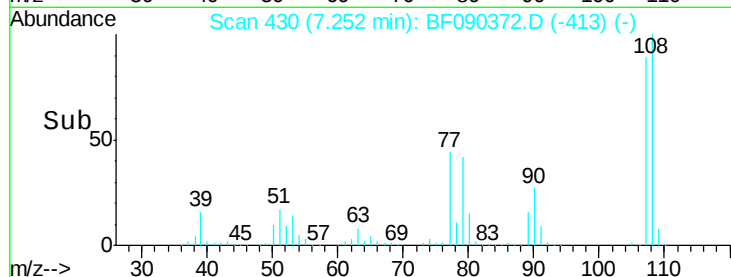
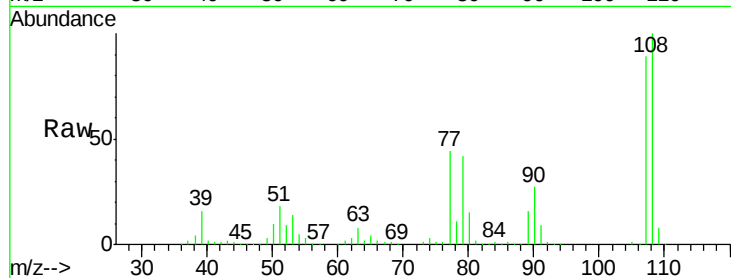




#17
2-Methylphenol
Concen: 39.47 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

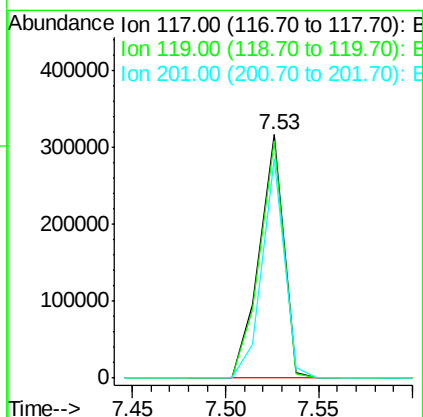
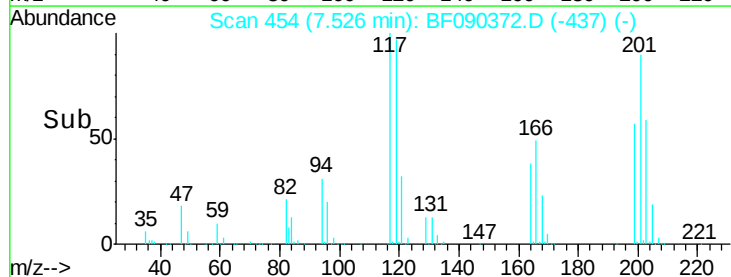
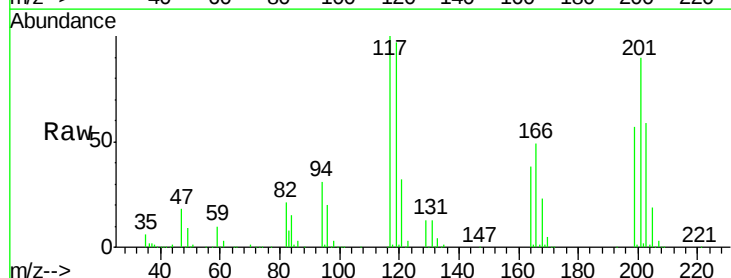
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

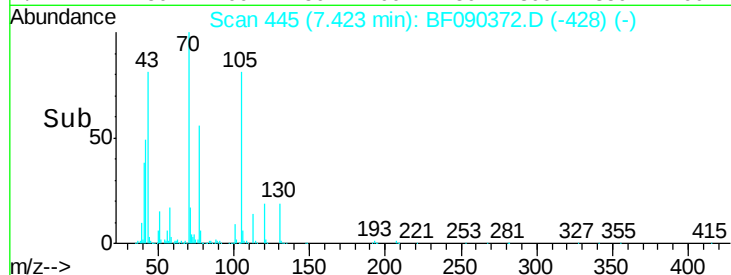
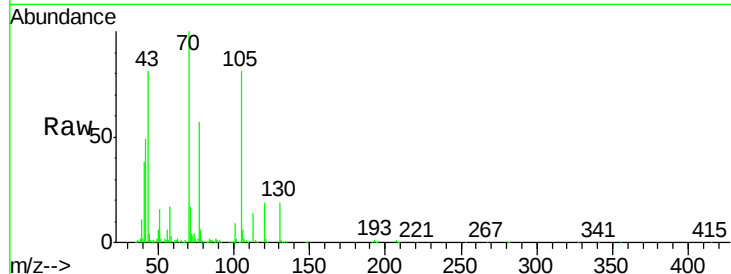
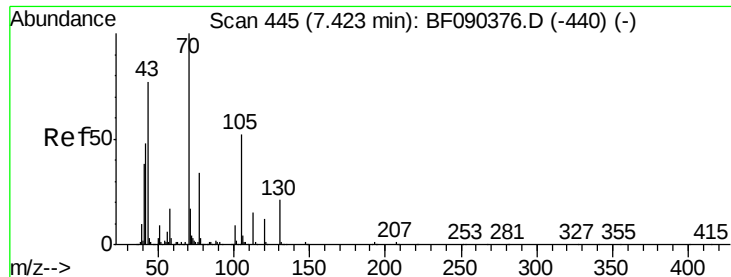
Tot Ion:	107	Resp:	575397
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.9	136.3
77	49.6	38.2	57.4
79	47.0	37.0	55.4



#18
Hexachloroethane
Concen: 40.75 ng
RT: 7.53 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Tgt Ion:	117	Resp:	288331
Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.9	113.9
201	90.0	66.5	99.7

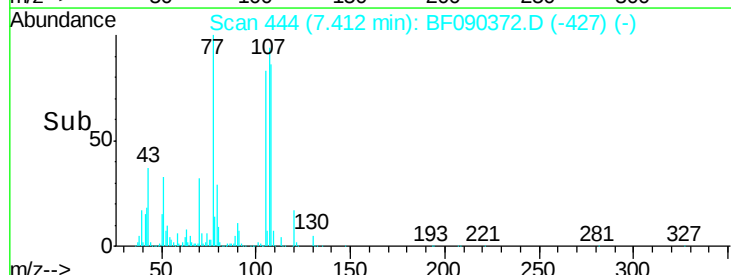
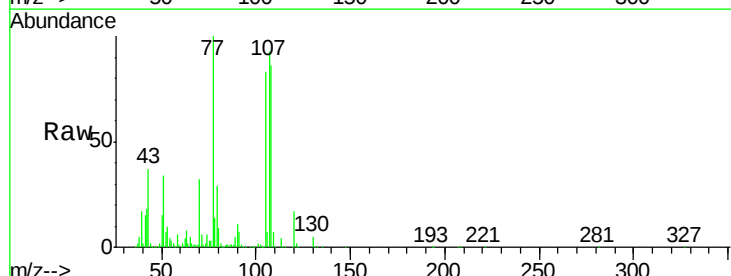
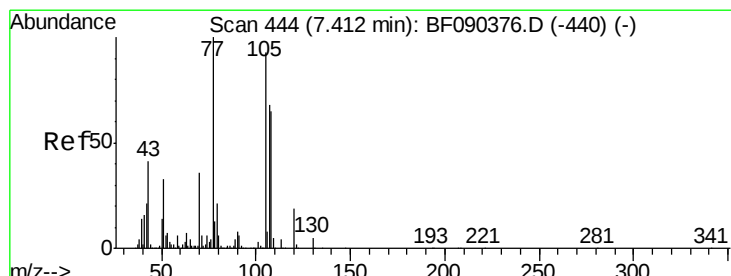
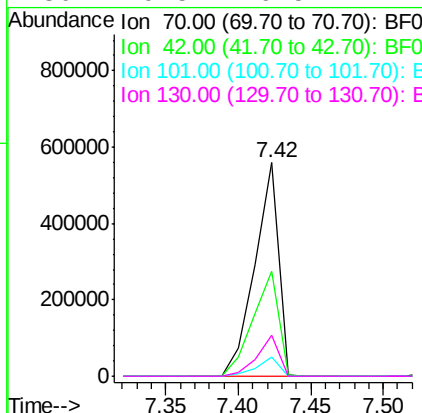




#19
n-Nitroso-di-n-propylamine
Concen: 41.29 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

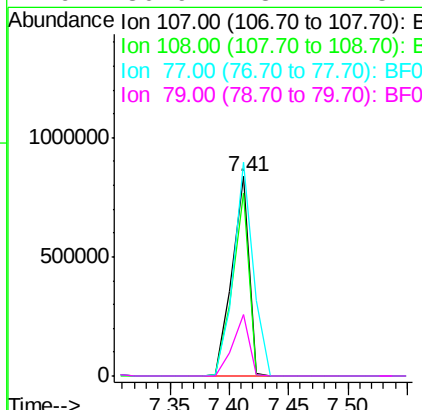
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

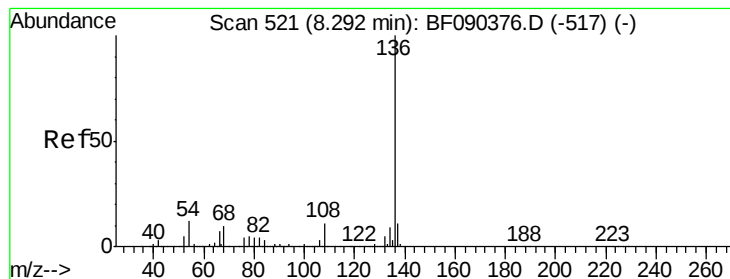
Tot Ion: 70 Resp: 638707
Ion Ratio Lower Upper
70 100
42 49.3 55.4 83.2#
101 9.1 7.6 11.4
130 19.5 16.5 24.7



#20
3+4-Methylphenols
Concen: 43.87 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Tgt Ion: 107 Resp: 827774
Ion Ratio Lower Upper
107 100
108 92.0 66.7 106.7
77 107.0 53.7 93.7#
79 30.9 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 968817

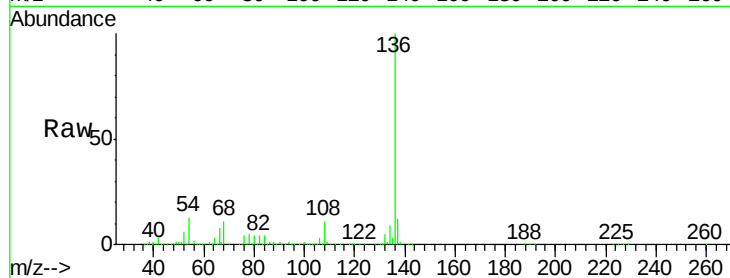
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 12.9 6.6 10.0#

68 10.6 5.0 7.6#

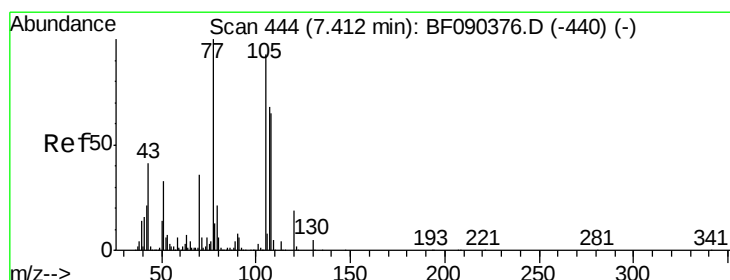
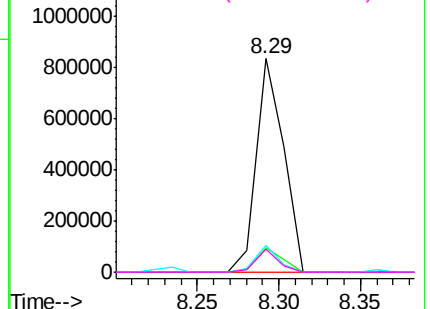
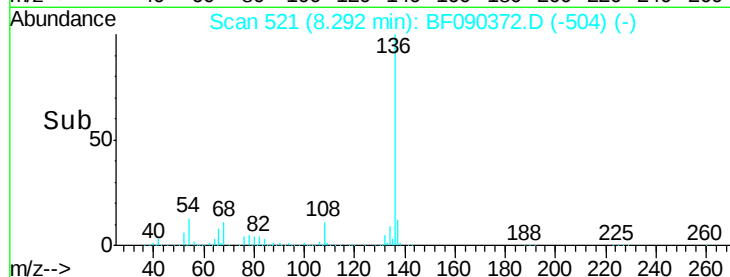


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.67 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Tgt Ion:105 Resp: 933289

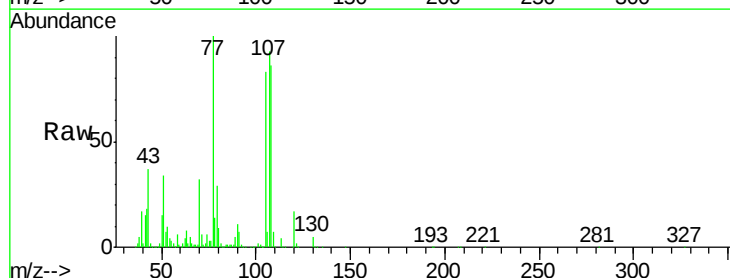
Ion Ratio Lower Upper

105 100

71 6.7 3.8 5.6#

51 41.0 28.2 42.4

120 20.4 17.4 26.2

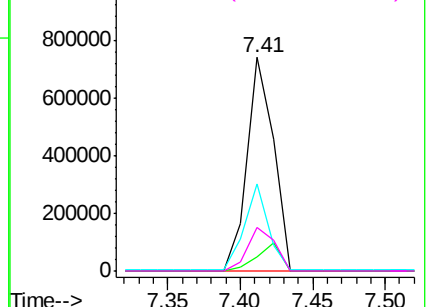
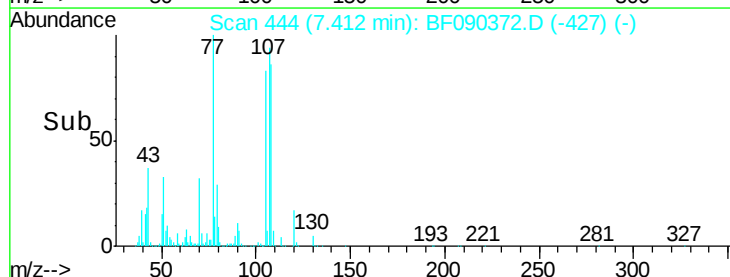


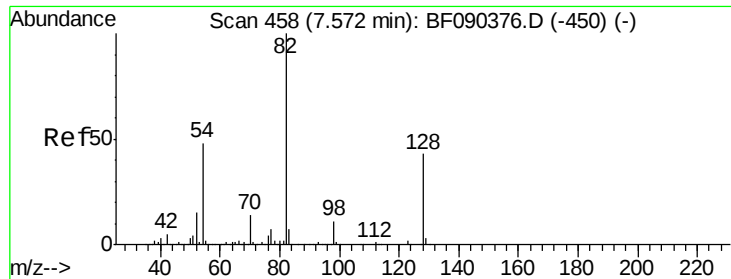
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

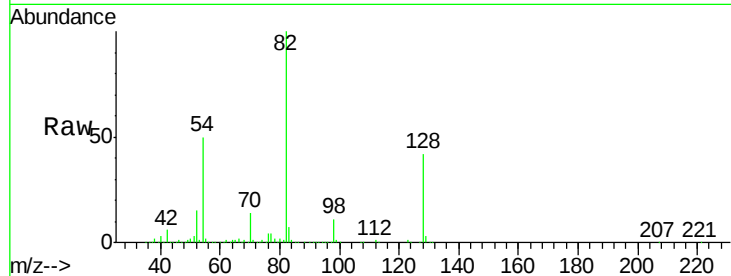




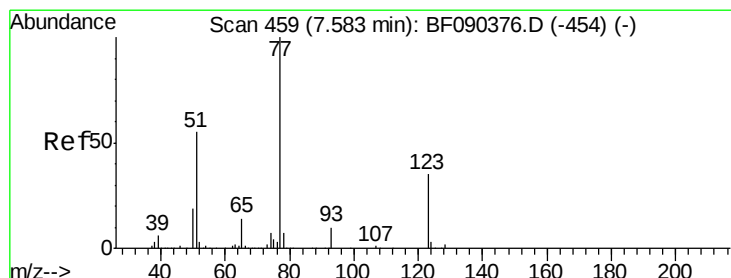
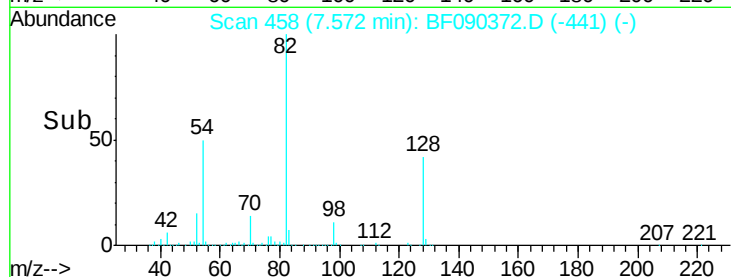
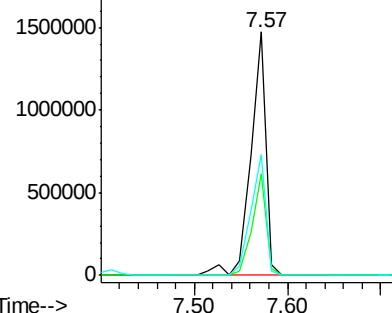
#23
 Nitrobenzene-d5
 Concen: 84.20 ng
 RT: 7.57 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF090372.D
 Acq: 5 Oct 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1677025
 Ion Ratio Lower Upper
 82 100
 128 41.5 40.0 60.0
 54 49.7 42.6 64.0

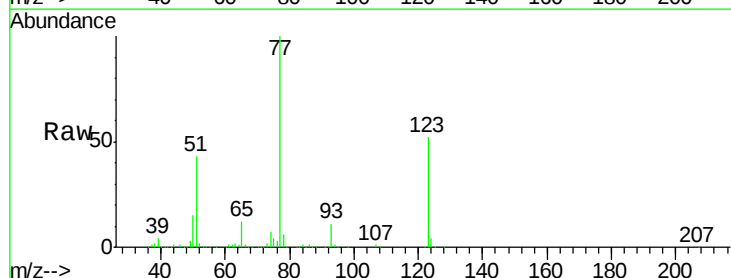


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

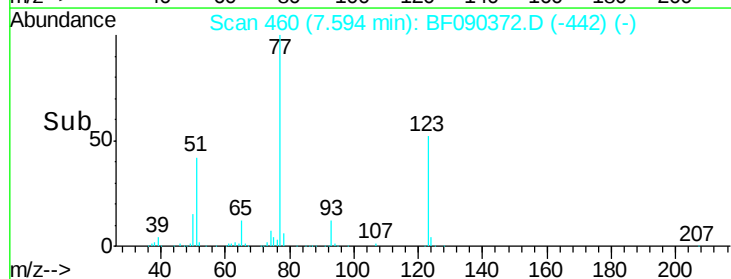
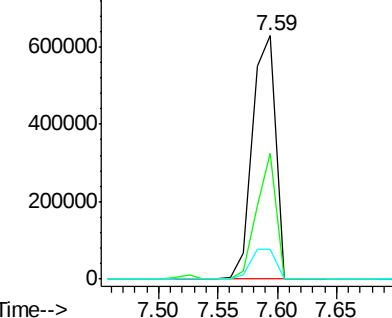


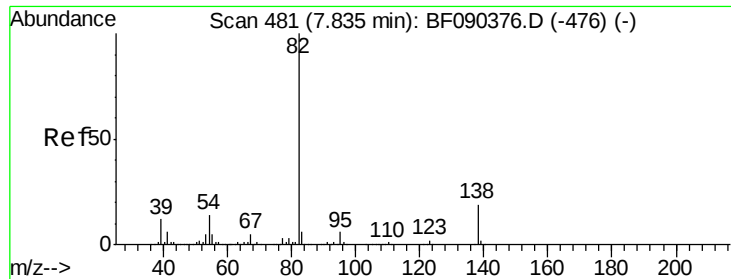
#24
 Nitrobenzene
 Concen: 43.37 ng
 RT: 7.59 min Scan# 460
 Delta R.T. 0.01 min
 Lab File: BF090372.D
 Acq: 5 Oct 2016 9:46

Tgt Ion: 77 Resp: 857640
 Ion Ratio Lower Upper
 77 100
 123 51.8 33.0 49.4#
 65 12.4 12.0 18.0



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





#25

Isophorone

Concen: 42.40 ng

RT: 7.83 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

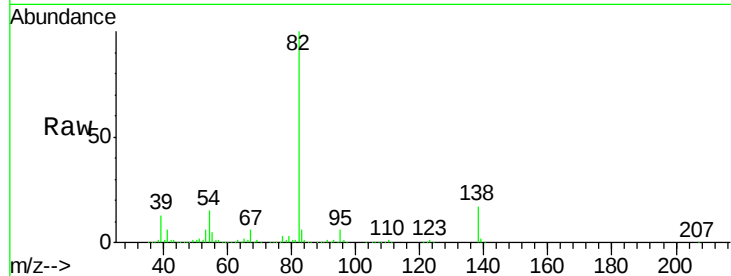
Tot Ion: 82 Resp: 1543831

Ion Ratio Lower Upper

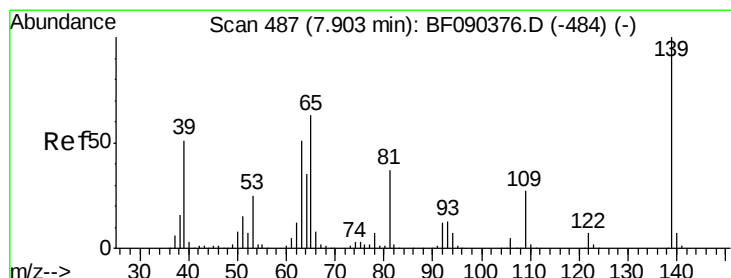
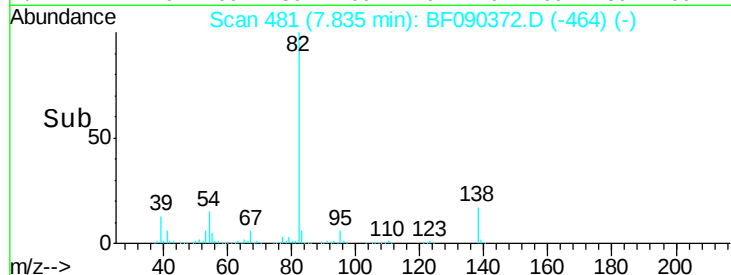
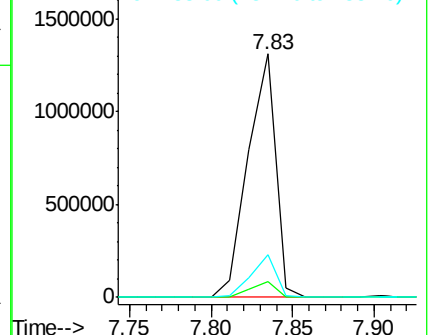
82 100

95 6.4 5.2 7.8

138 17.5 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.26 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

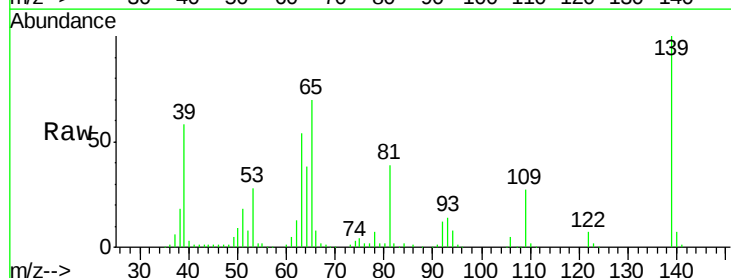
Tgt Ion: 139 Resp: 325616

Ion Ratio Lower Upper

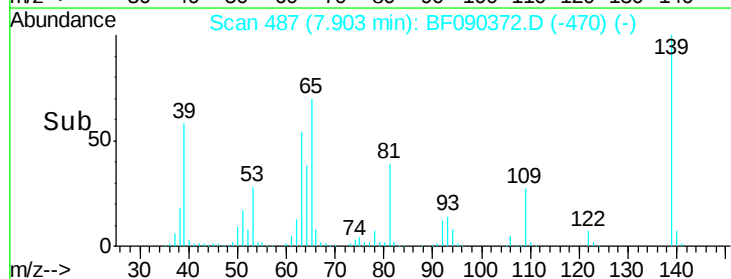
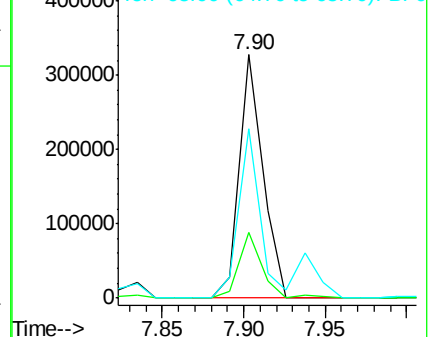
139 100

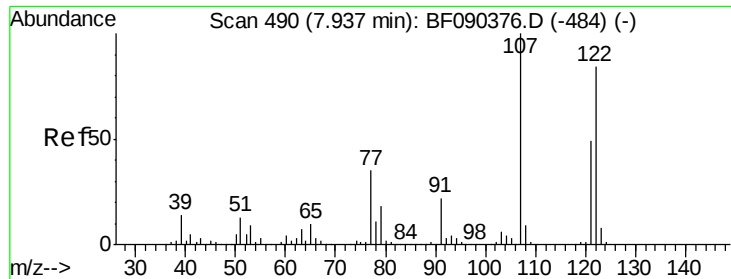
109 26.8 18.9 28.3

65 69.8 31.6 47.4#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.44 ng

RT: 7.94 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

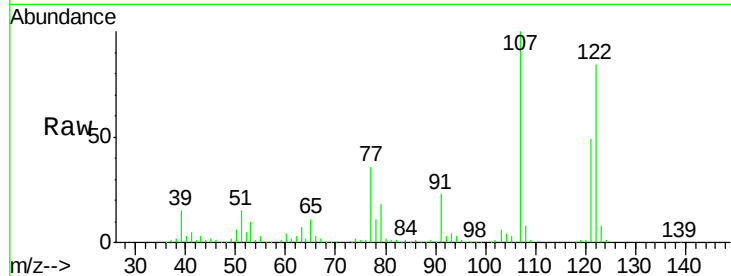
Tot Ion:122 Resp: 636189

Ion Ratio Lower Upper

122 100

107 119.5 88.6 132.8

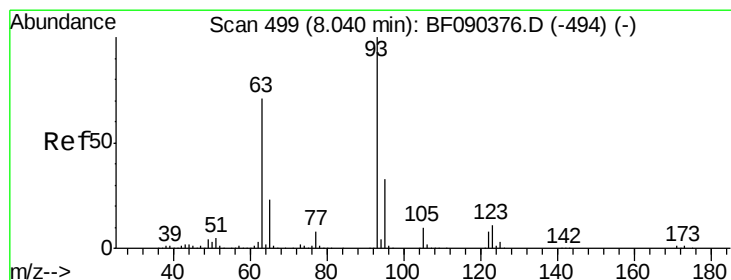
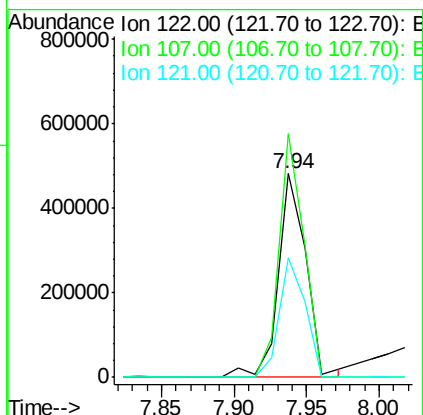
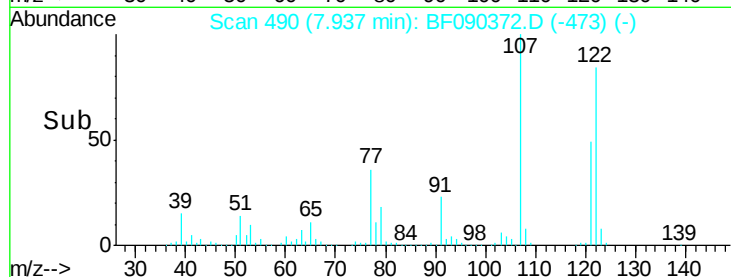
121 58.9 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.08 ng

RT: 8.04 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

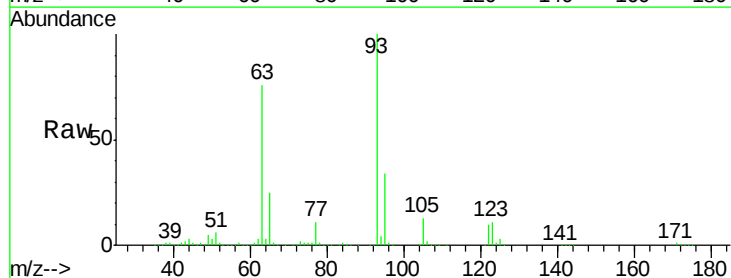
Tgt Ion: 93 Resp: 949282

Ion Ratio Lower Upper

93 100

95 33.8 27.0 40.4

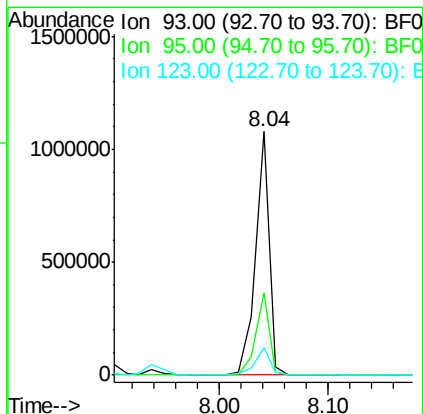
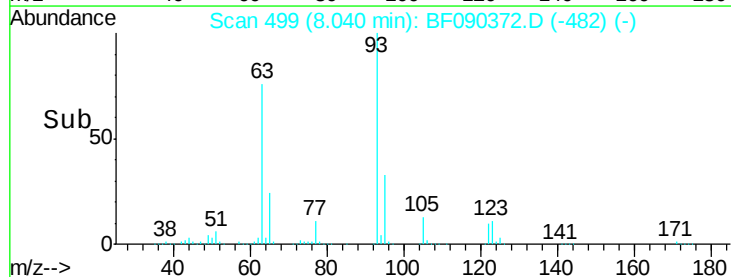
123 11.1 11.1 16.7#

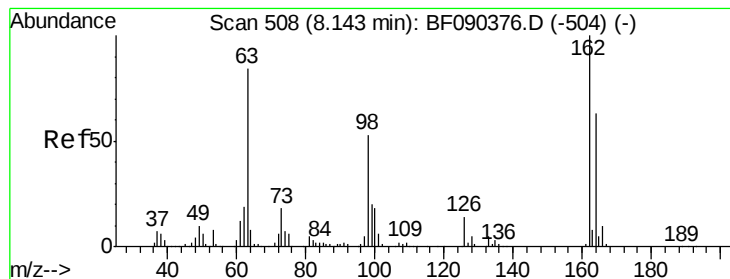


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.19 ng

RT: 8.14 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

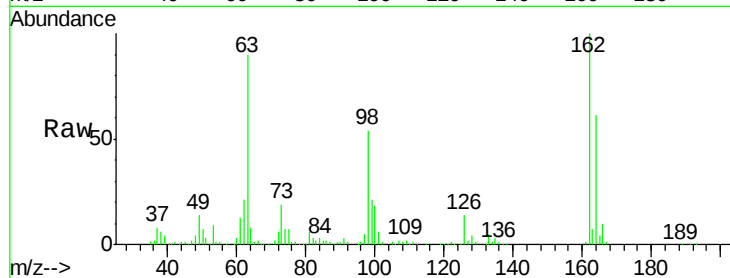
Tot Ion:162 Resp: 505700

Ion Ratio Lower Upper

162 100

164 61.2 45.7 85.7

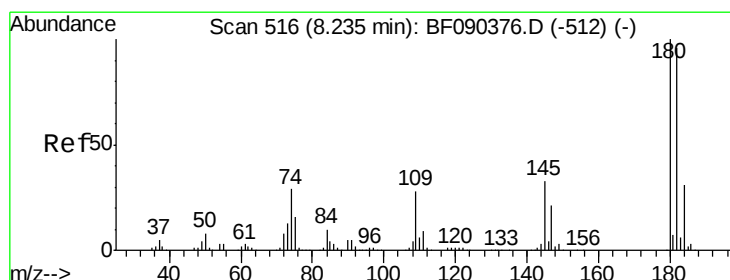
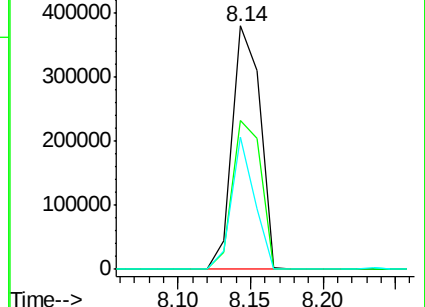
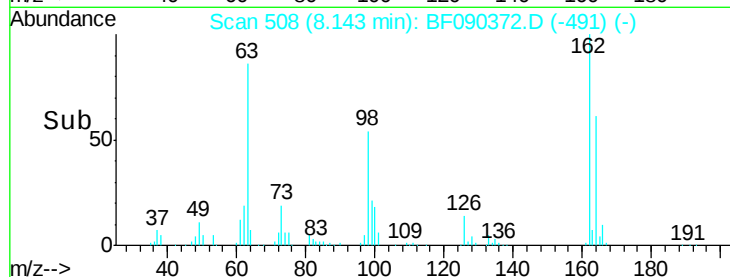
98 54.1 13.3 53.3#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.80 ng

RT: 8.23 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

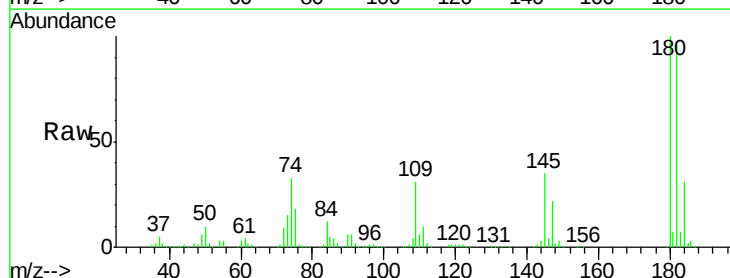
Tgt Ion:180 Resp: 542125

Ion Ratio Lower Upper

180 100

182 96.1 75.3 112.9

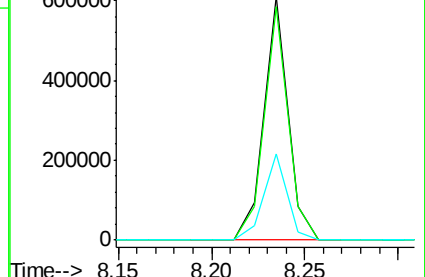
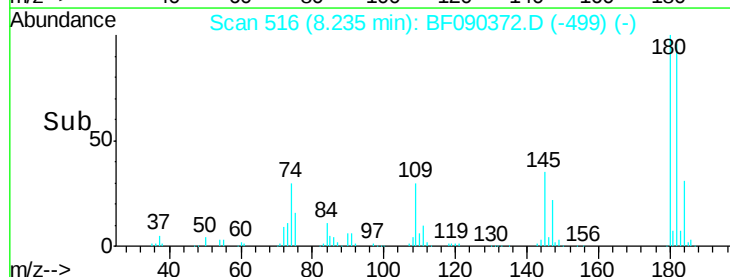
145 35.4 27.7 41.5

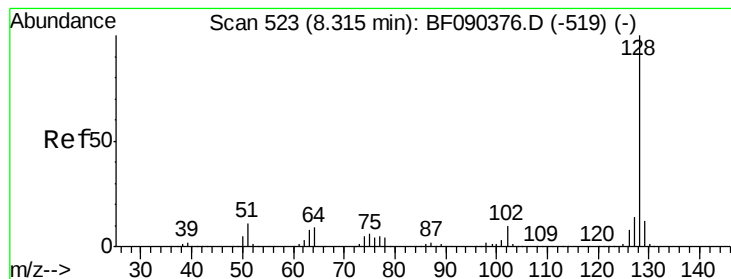


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.25 ng

RT: 8.31 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

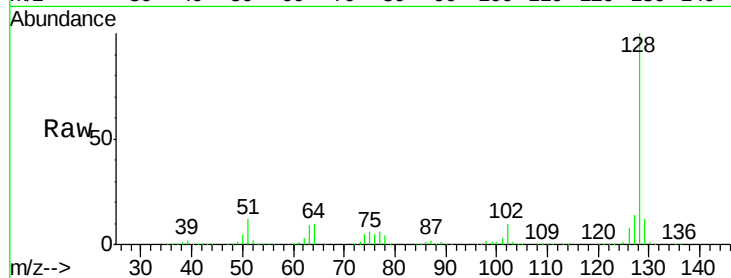
Tot Ion:128 Resp: 1787700

Ion Ratio Lower Upper

128 100

129 12.2 9.7 14.5

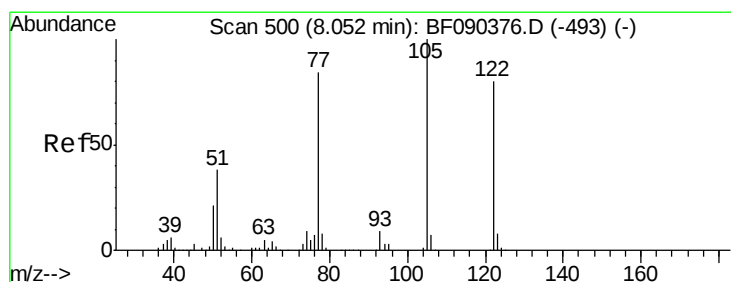
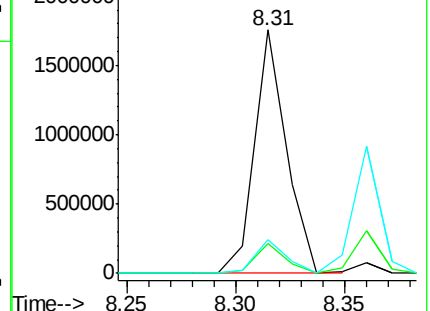
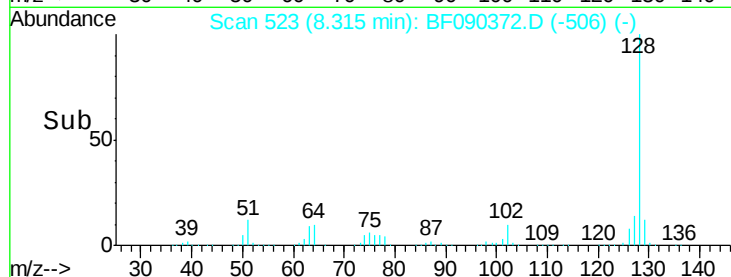
127 14.0 11.7 17.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.90 ng

RT: 8.05 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

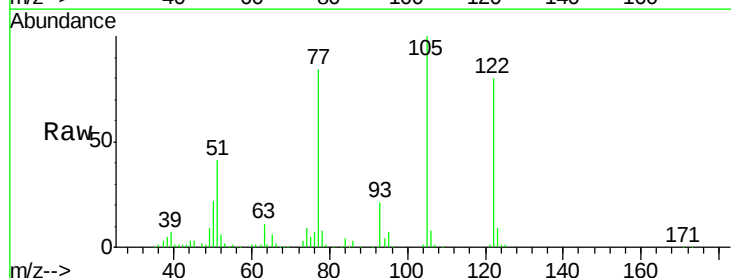
Tgt Ion:122 Resp: 447612

Ion Ratio Lower Upper

122 100

105 124.7 103.9 143.9

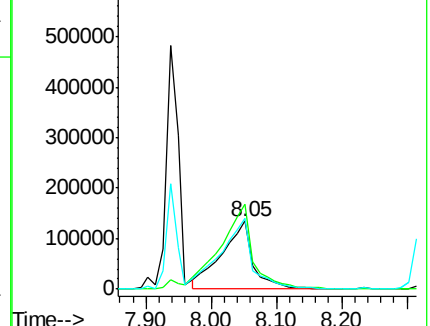
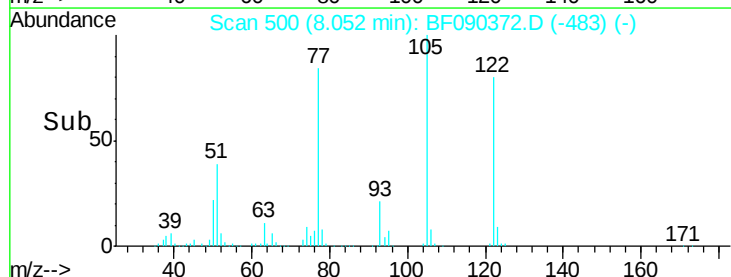
77 105.0 74.6 114.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

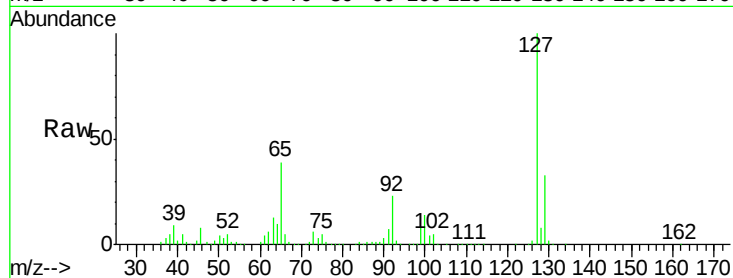




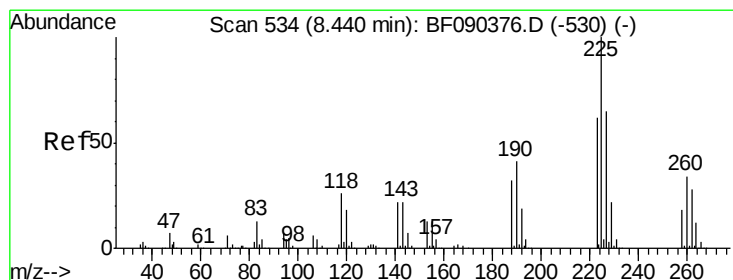
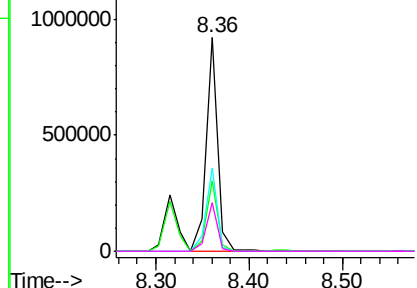
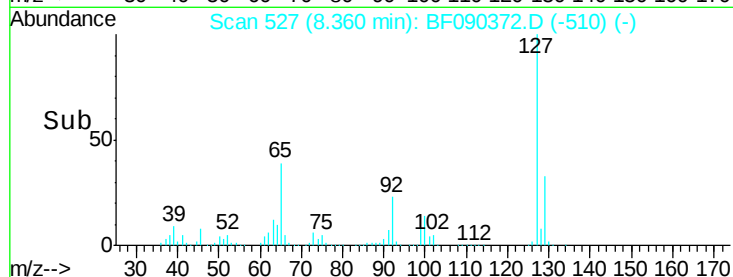
#33
4-Chloroaniline
Concen: 41.28 ng
RT: 8.36 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	797455
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.4
65	39.0	32.5	48.7
92	22.5	17.2	25.8

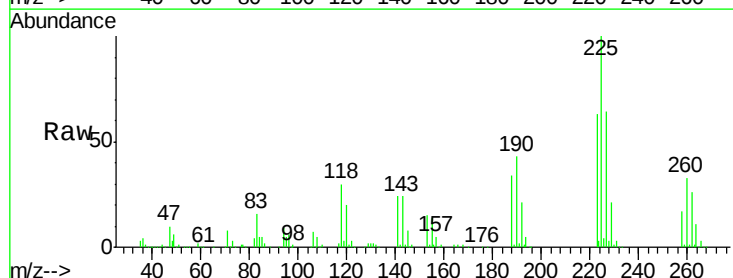


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

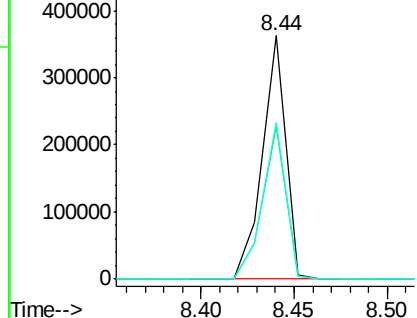
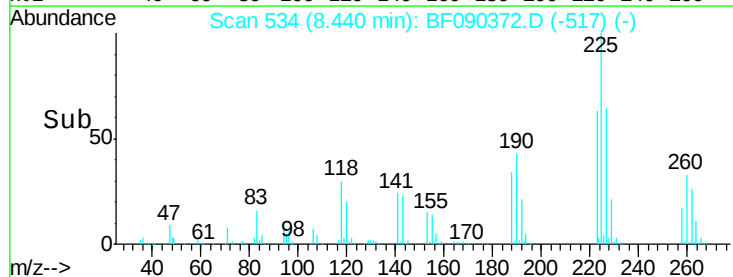


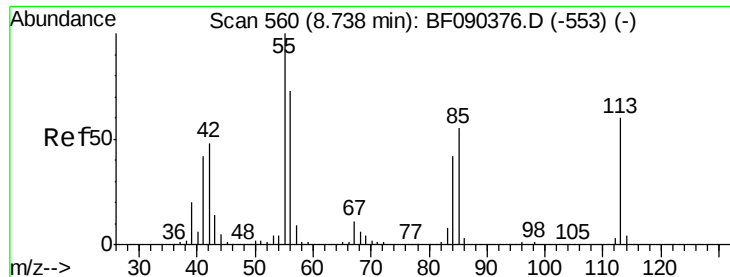
#34
Hexachlorobutadiene
Concen: 43.07 ng
RT: 8.44 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Tgt Ion:	225	Resp:	312101
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.4
227	64.3	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

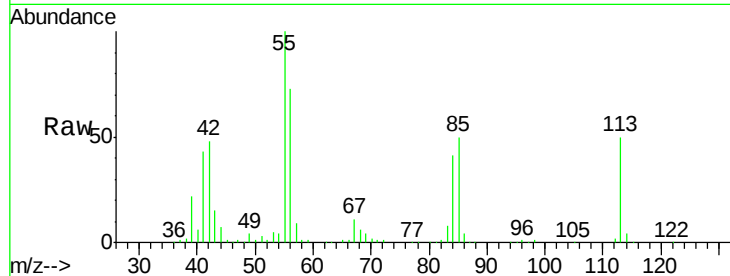




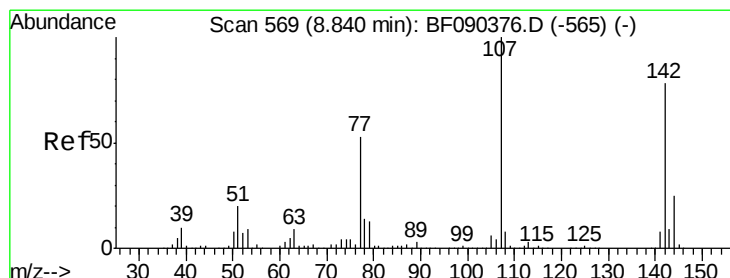
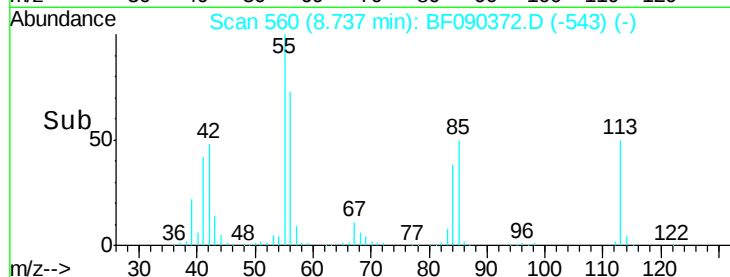
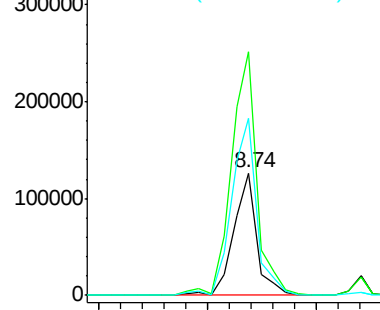
#35
Caprolactam
Concen: 44.17 ng
RT: 8.74 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 186851
Ion Ratio Lower Upper
113 100
55 199.6 203.3 243.3#
56 144.7 140.5 180.5

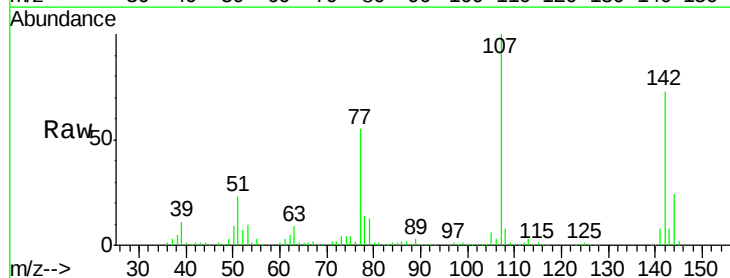


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

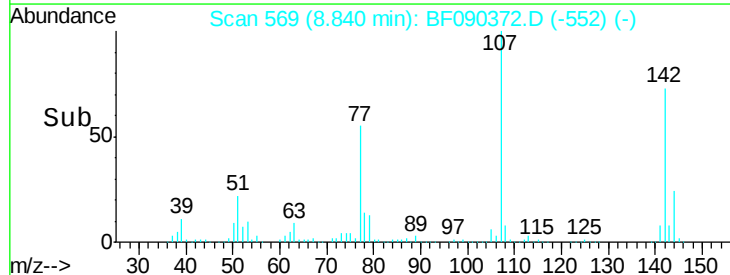
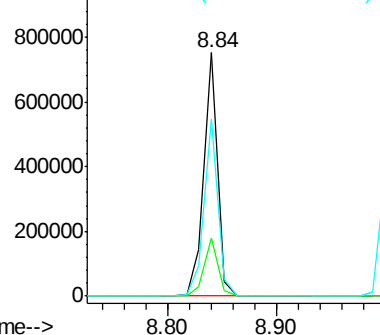


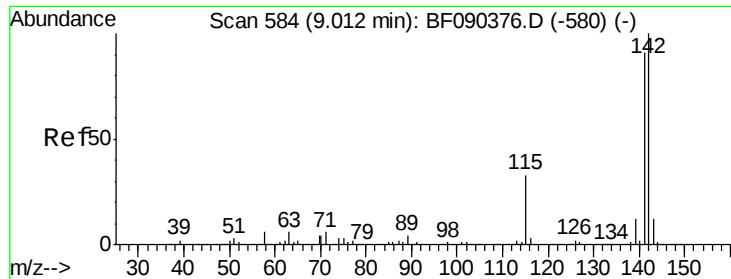
#36
4-Chloro-3-methylphenol
Concen: 41.46 ng
RT: 8.84 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Tgt Ion:107 Resp: 653160
Ion Ratio Lower Upper
107 100
144 23.6 19.8 29.8
142 72.9 60.7 91.1



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

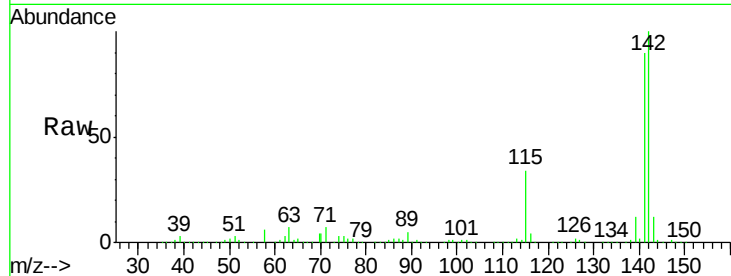




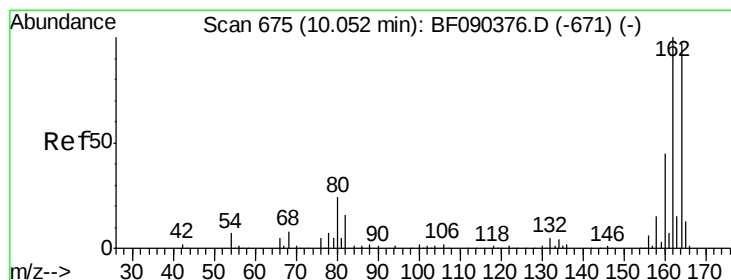
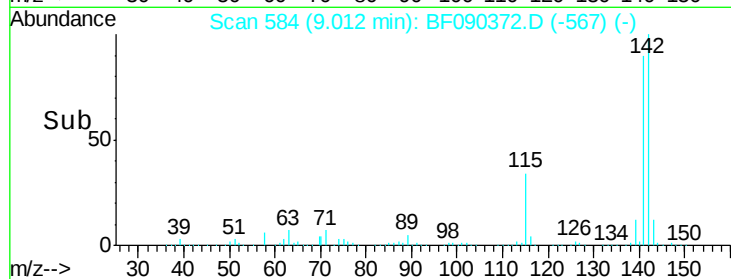
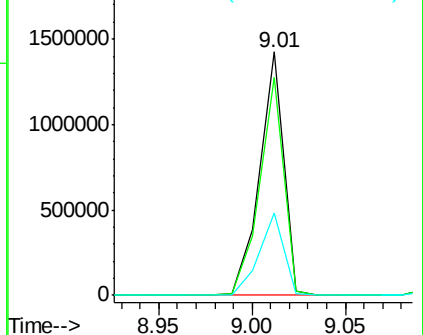
#37
2-Methylnaphthalene
Concen: 44.86 ng
RT: 9.01 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1269161
Ion Ratio Lower Upper
142 100
141 89.8 71.8 107.8
115 33.8 28.8 43.2

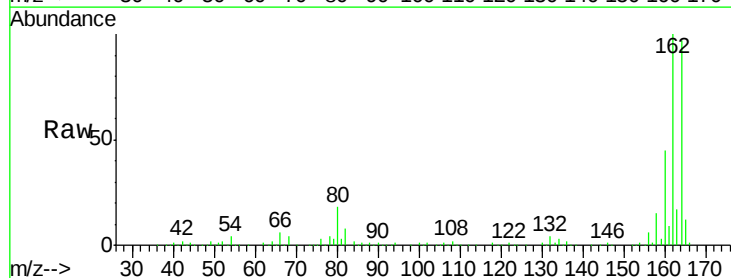


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

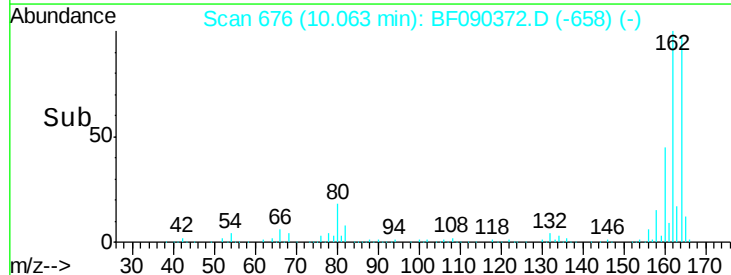
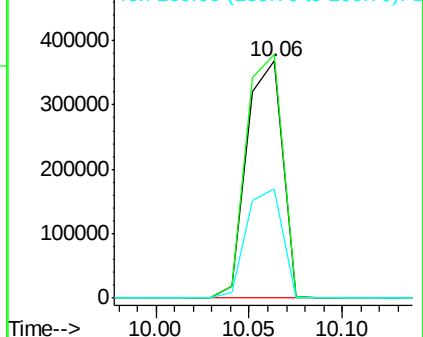


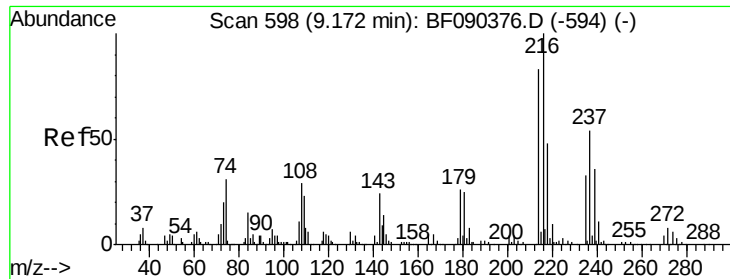
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.06 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Tgt Ion:164 Resp: 486086
Ion Ratio Lower Upper
164 100
162 102.9 80.1 120.1
160 46.1 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

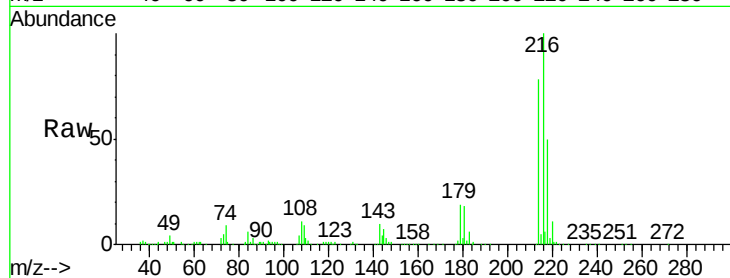




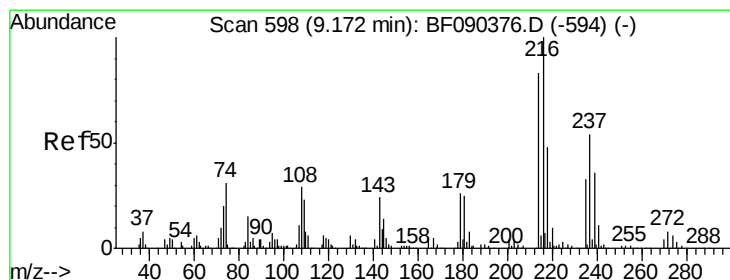
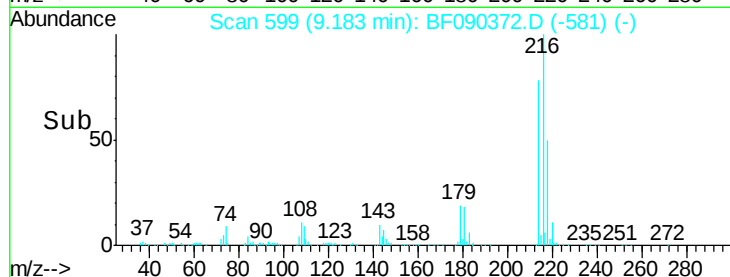
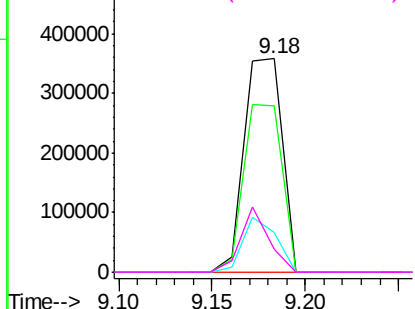
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.63 ng
 RT: 9.18 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: BF090372.D
 Acq: 5 Oct 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	507855
Ion	Ratio	Lower	Upper
216	100		
214	78.7	64.2	96.2
179	22.7	18.0	27.0
108	22.8	15.2	22.8

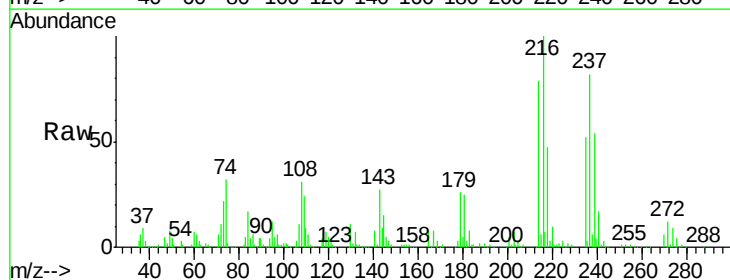


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

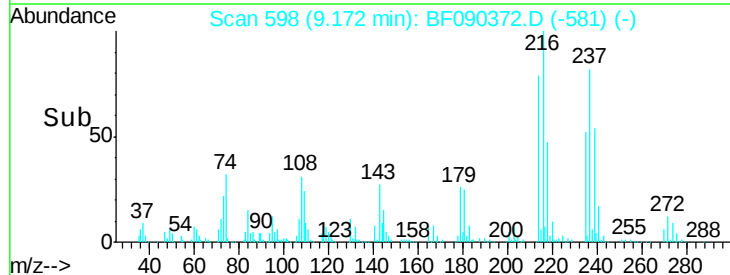
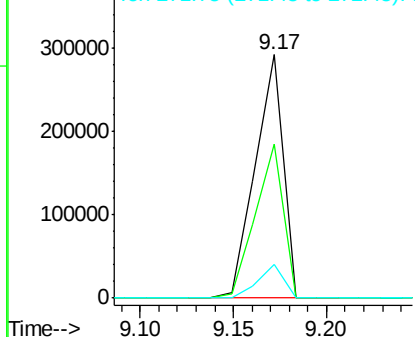


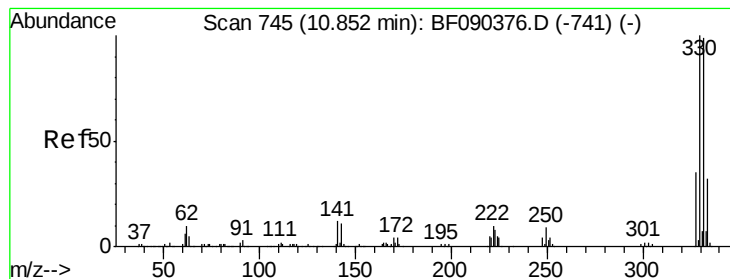
#40
 Hexachlorocyclopentadiene
 Concen: 43.01 ng
 RT: 9.17 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF090372.D
 Acq: 5 Oct 2016 9:46

Tgt Ion:	237	Resp:	302114
Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.6	83.6
272	13.9	0.0	32.7



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 91.63 ng

RT: 10.85 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

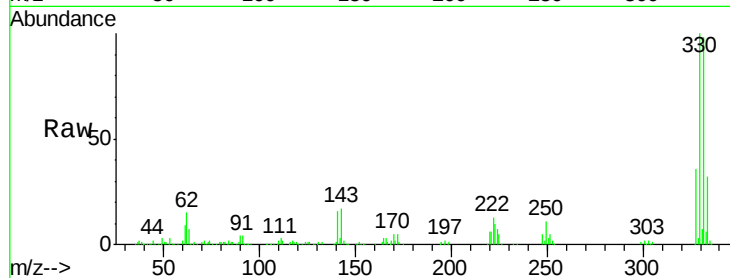
Tot Ion:330 Resp: 362170

Ion Ratio Lower Upper

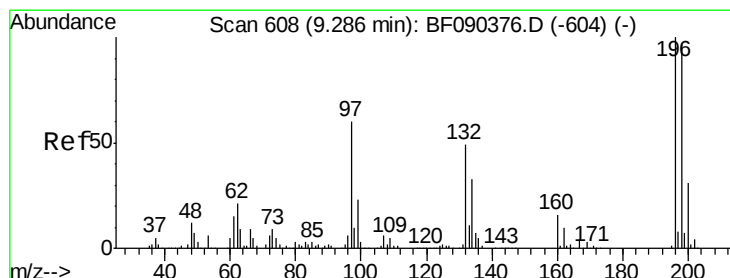
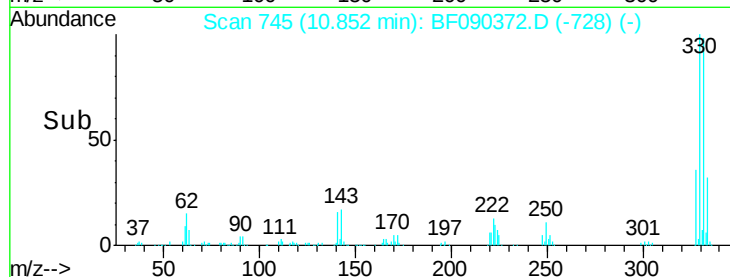
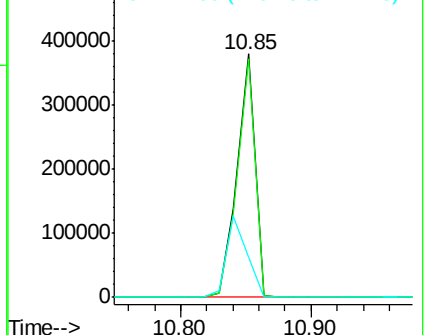
330 100

332 97.0 75.4 113.0

141 37.8 26.9 40.3



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



#42

2,4,6-Trichlorophenol

Concen: 44.74 ng

RT: 9.29 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

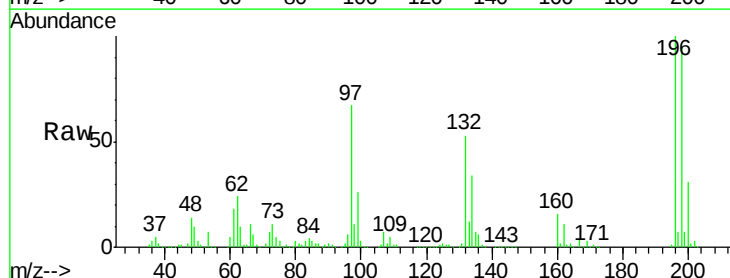
Tgt Ion:196 Resp: 395685

Ion Ratio Lower Upper

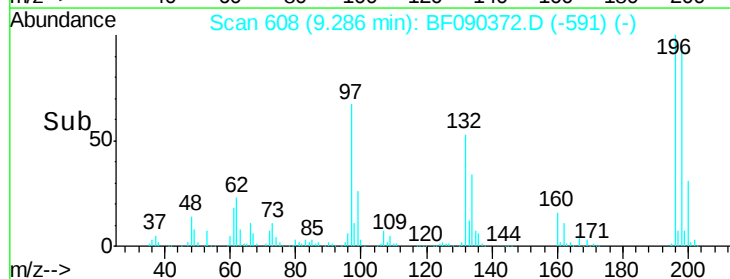
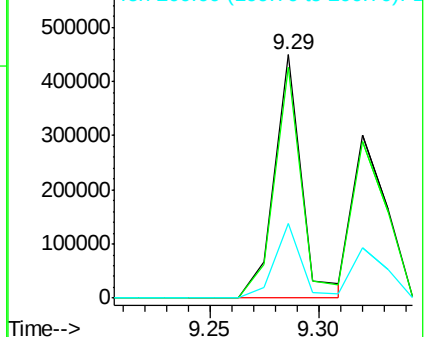
196 100

198 94.6 78.9 118.3

200 30.6 25.4 38.2



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

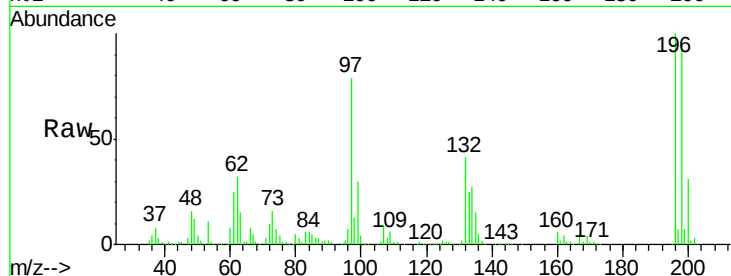




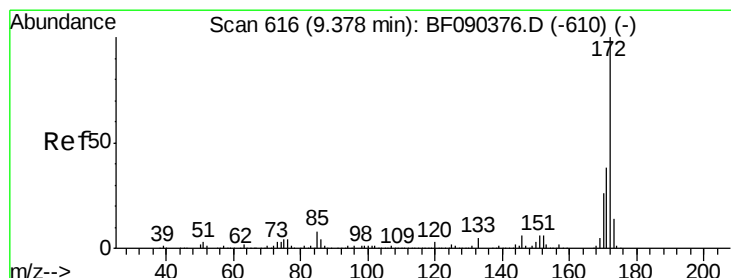
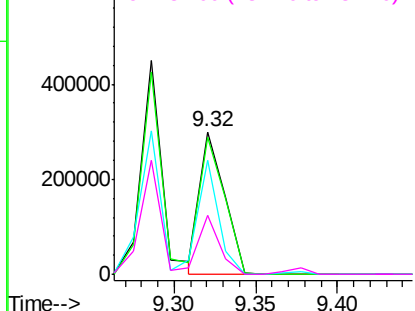
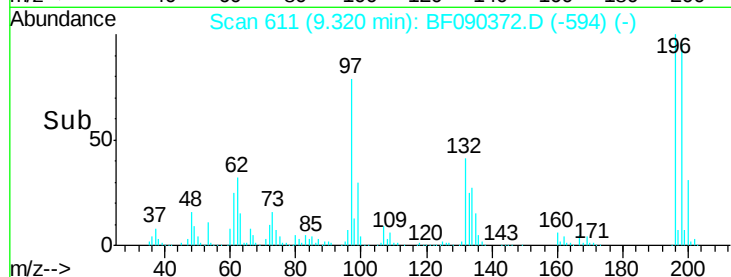
#43
 2,4,5-Trichlorophenol
 Concen: 38.39 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090372.D
 Acq: 5 Oct 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 321056
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.1 117.1
 97 79.5 48.1 72.1#
 132 41.2 27.4 41.2#

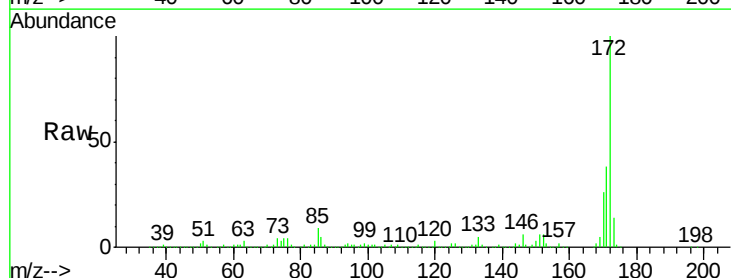


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

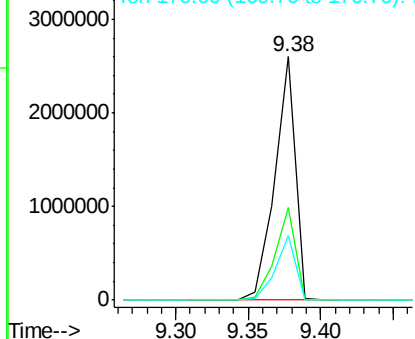
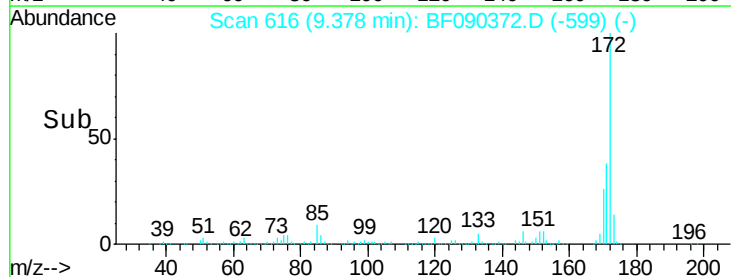


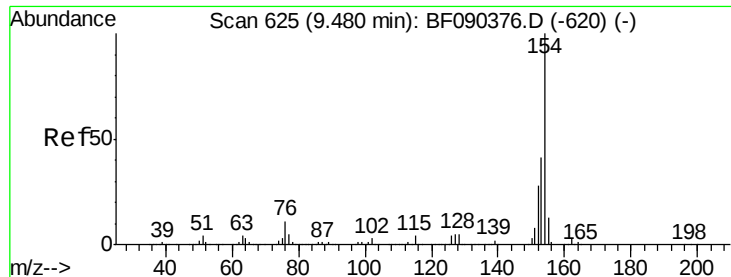
#44
 2-Fluorobiphenyl
 Concen: 87.26 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090372.D
 Acq: 5 Oct 2016 9:46

Tgt Ion:172 Resp: 2545703
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.8 47.8
 170 26.4 21.7 32.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

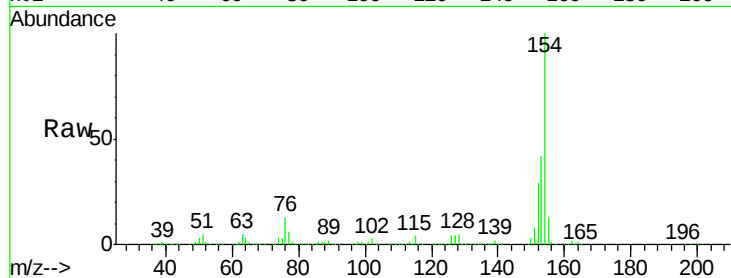




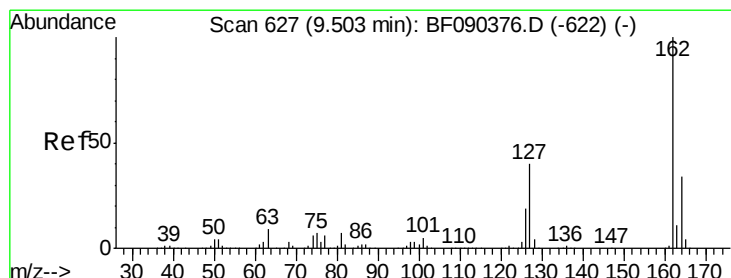
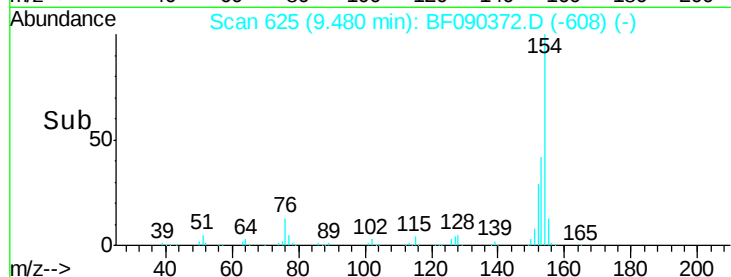
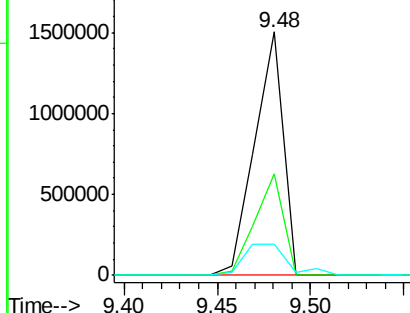
#45
 1,1'-Biphenyl
 Concen: 43.96 ng
 RT: 9.48 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF090372.D
 Acq: 5 Oct 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:154 Resp: 1583458
 Ion Ratio Lower Upper
 154 100
 153 41.5 23.8 63.8
 76 12.9 0.0 35.8

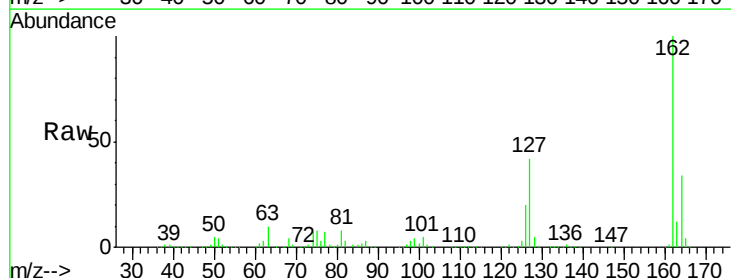


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

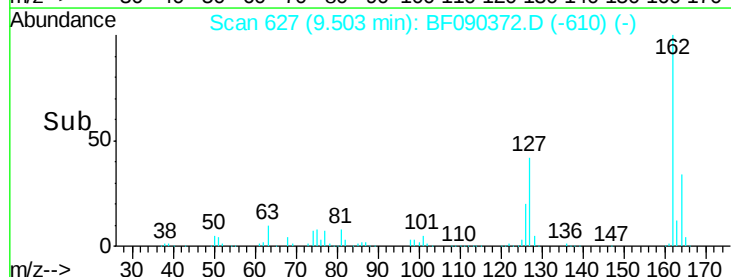
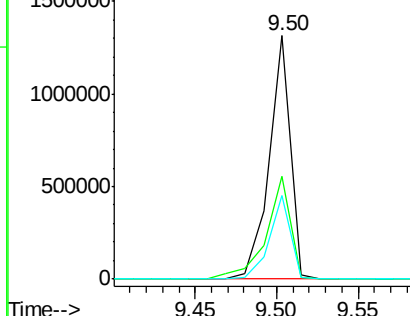


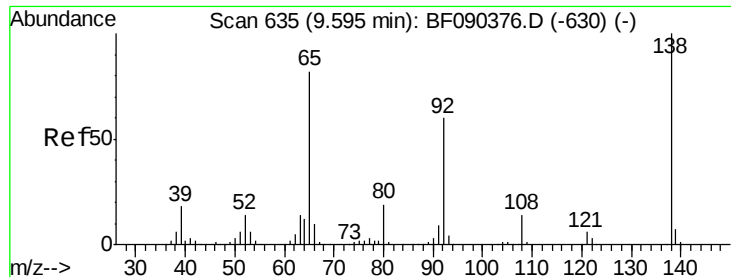
#46
 2-Chloronaphthalene
 Concen: 44.78 ng
 RT: 9.50 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF090372.D
 Acq: 5 Oct 2016 9:46

Tgt Ion:162 Resp: 1191661
 Ion Ratio Lower Upper
 162 100
 127 42.0 35.6 53.4
 164 34.4 27.5 41.3



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

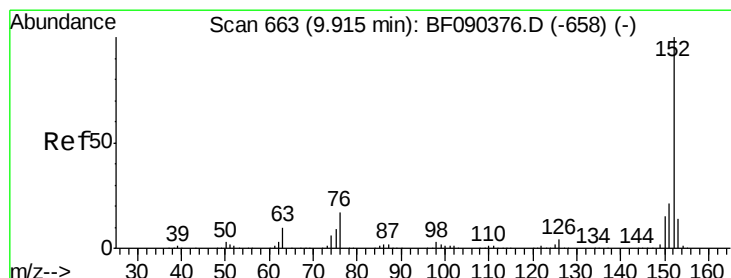
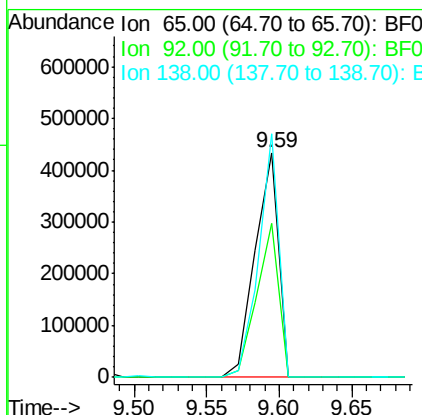
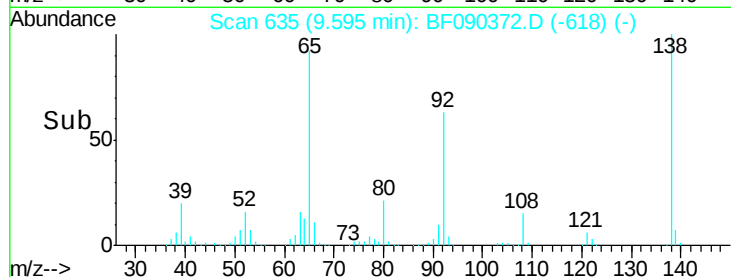
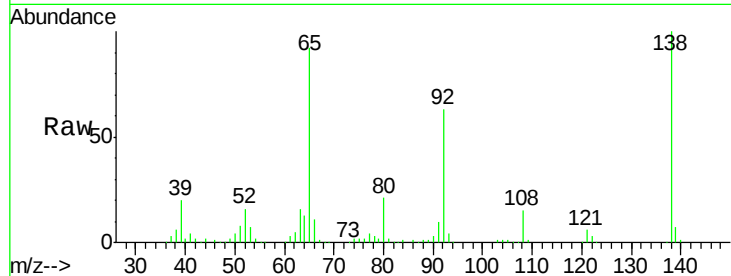




#47
 2-Nitroaniline
 Concen: 46.30 ng
 RT: 9.59 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF090372.D
 Acq: 5 Oct 2016 9:46

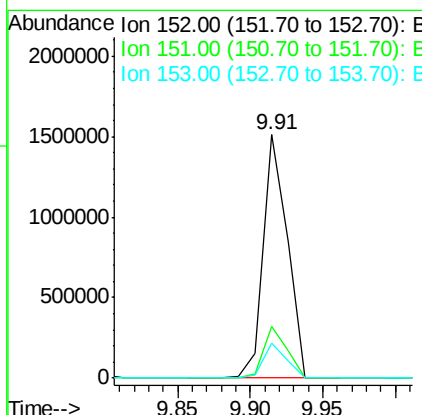
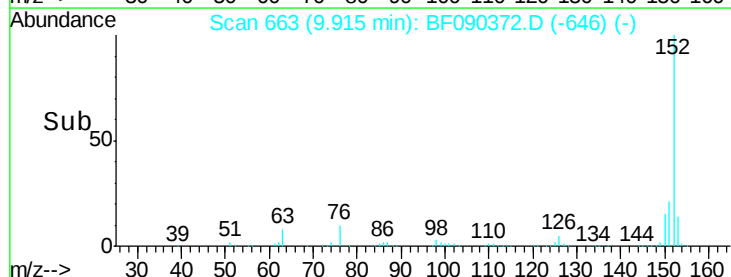
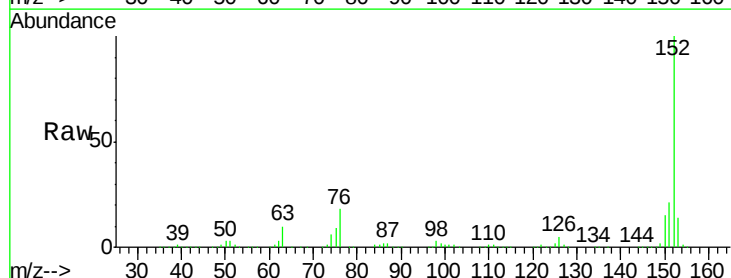
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

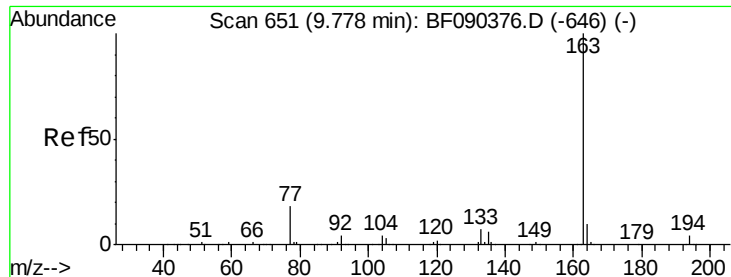
Tot Ion: 65 Resp: 486154
 Ion Ratio Lower Upper
 65 100
 92 68.6 51.7 77.5
 138 108.2 79.0 118.4



#48
 Acenaphthylene
 Concen: 39.39 ng
 RT: 9.91 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF090372.D
 Acq: 5 Oct 2016 9:46

Tgt Ion: 152 Resp: 1729529
 Ion Ratio Lower Upper
 152 100
 151 21.4 17.4 26.0
 153 14.4 11.6 17.4

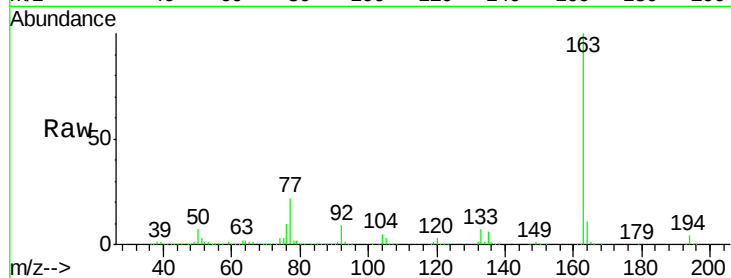




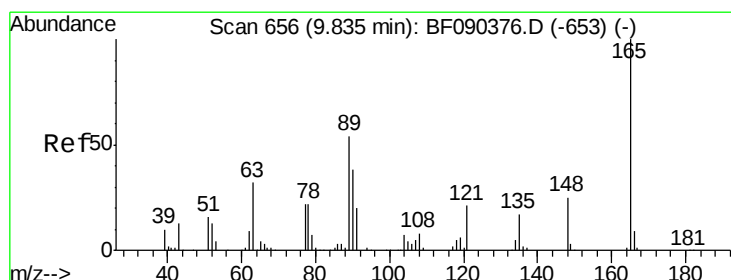
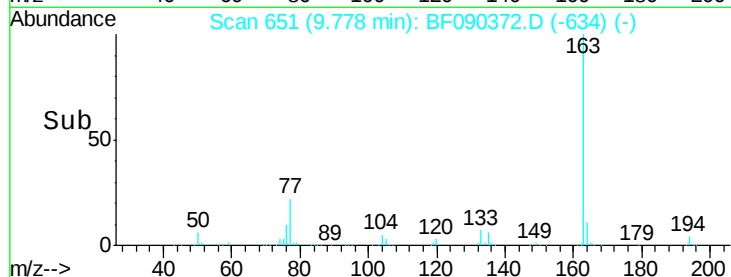
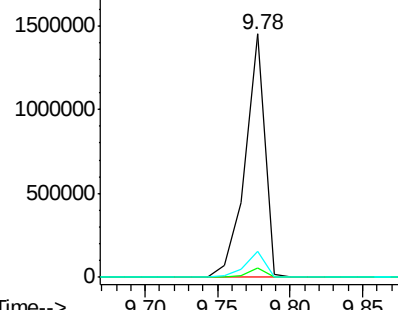
#49
Dimethylphthalate
Concen: 43.77 ng
RT: 9.78 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1362636
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.6 9.0 13.4

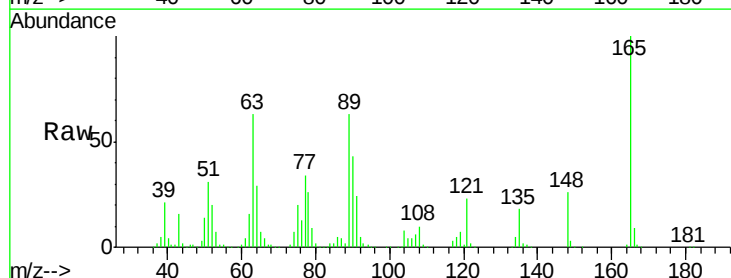


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

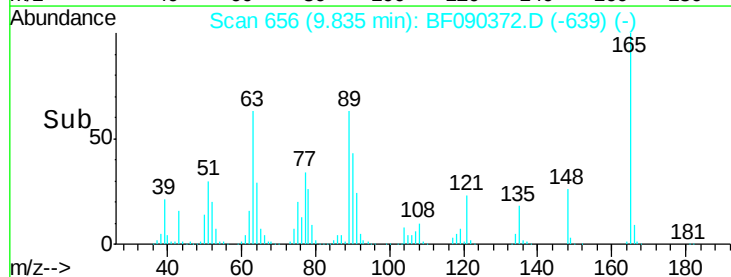
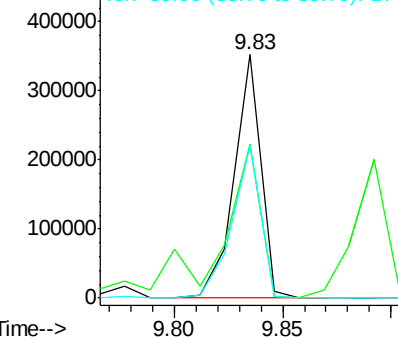


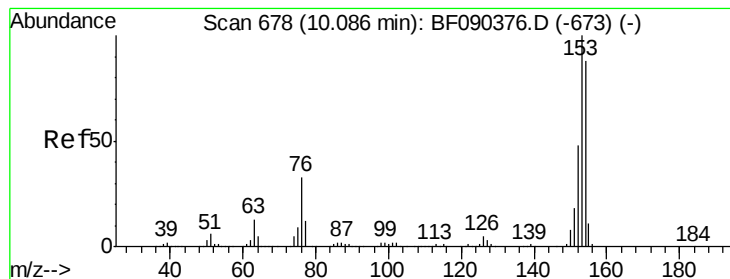
#50
2,6-Dinitrotoluene
Concen: 43.36 ng
RT: 9.83 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Tgt Ion:165 Resp: 299694
Ion Ratio Lower Upper
165 100
63 63.3 58.0 87.0
89 62.7 51.2 76.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.51 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

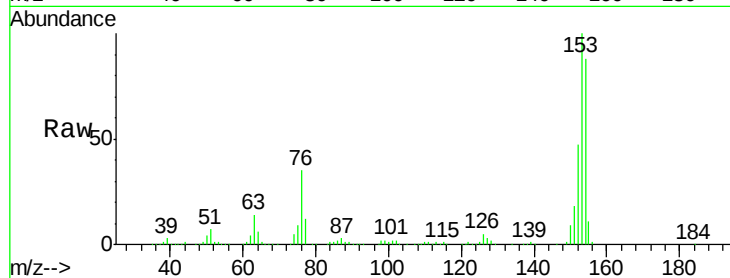
Tot Ion:154 Resp: 1109056

Ion Ratio Lower Upper

154 100

153 113.1 88.6 133.0

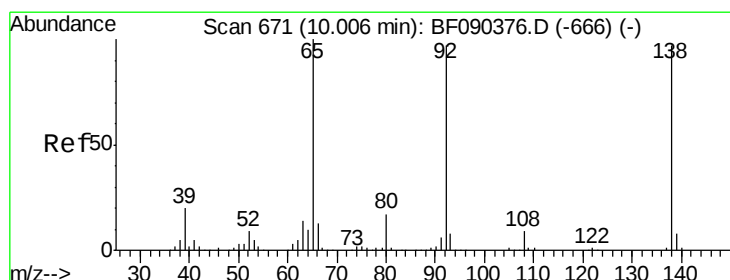
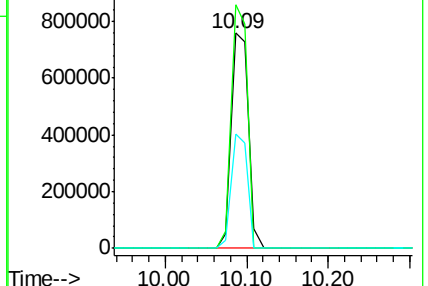
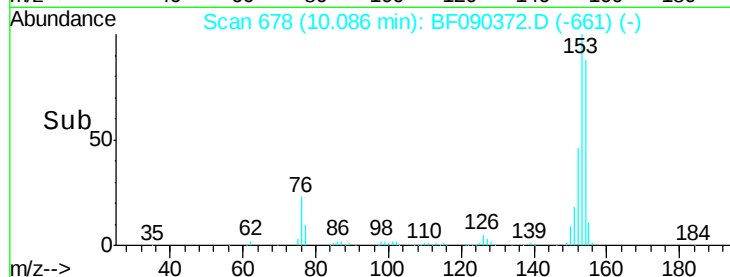
152 53.4 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 48.79 ng

RT: 10.01 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

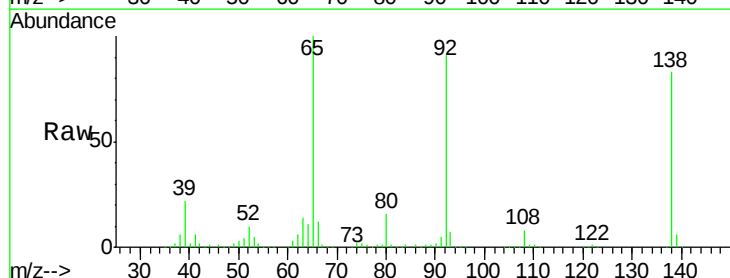
Tgt Ion:138 Resp: 393911

Ion Ratio Lower Upper

138 100

108 10.0 9.7 14.5

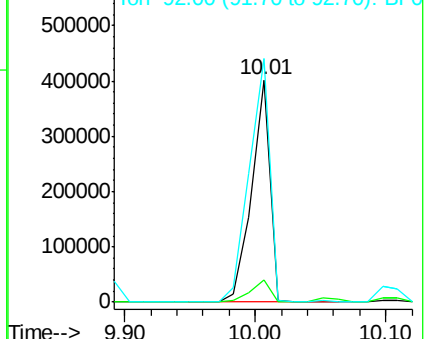
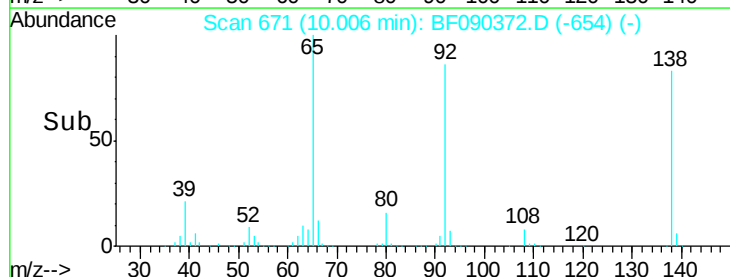
92 109.7 97.1 145.7

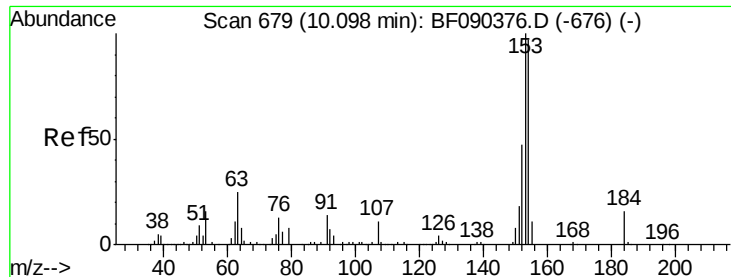


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

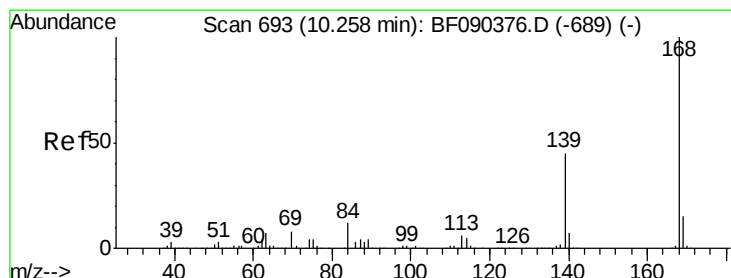
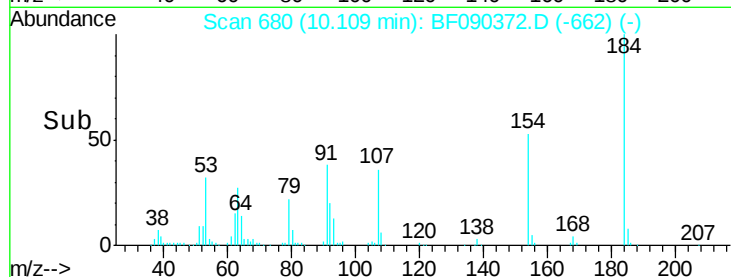
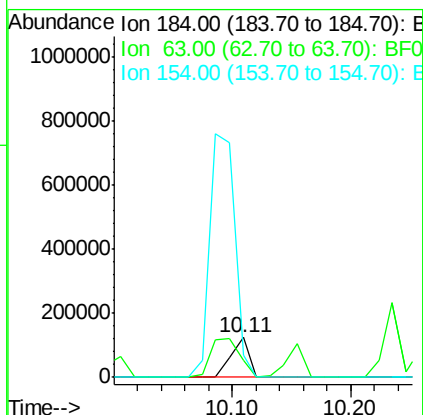
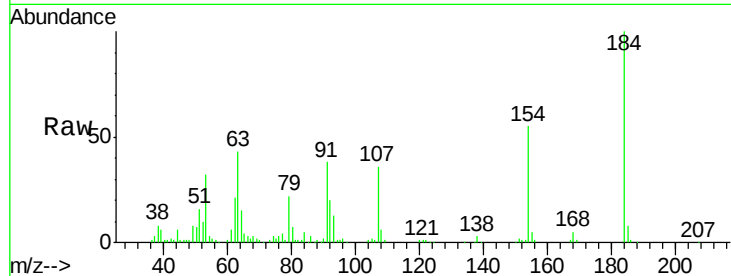




#53
2,4-Dinitrophenol
Concen: 42.31 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

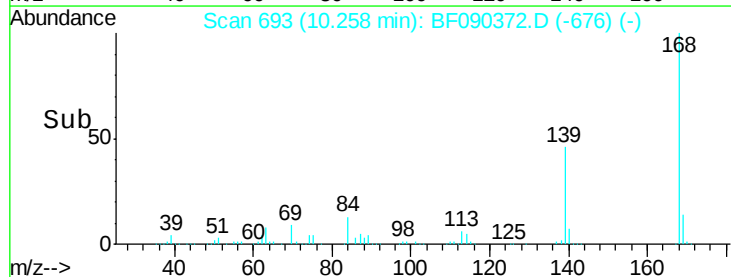
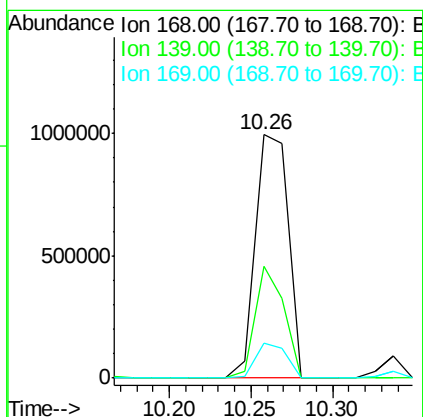
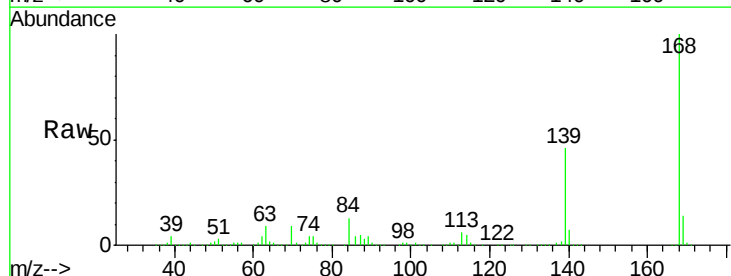
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

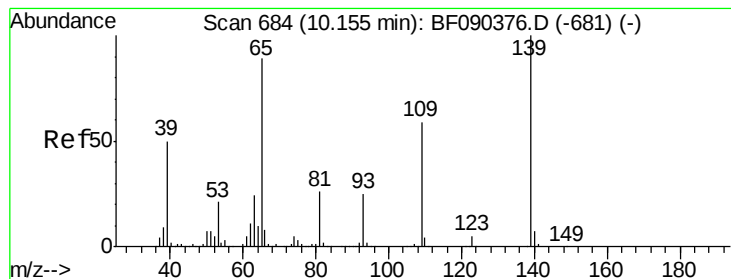
Tot Ion:184 Resp: 130390
Ion Ratio Lower Upper
184 100
63 42.7 41.9 62.9
154 54.6 48.9 73.3



#54
Dibenzofuran
Concen: 39.25 ng
RT: 10.26 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Tgt Ion:168 Resp: 1391051
Ion Ratio Lower Upper
168 100
139 45.9 29.6 44.4#
169 14.3 11.3 16.9





#55

4-Nitrophenol

Concen: 43.39 ng

RT: 10.15 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

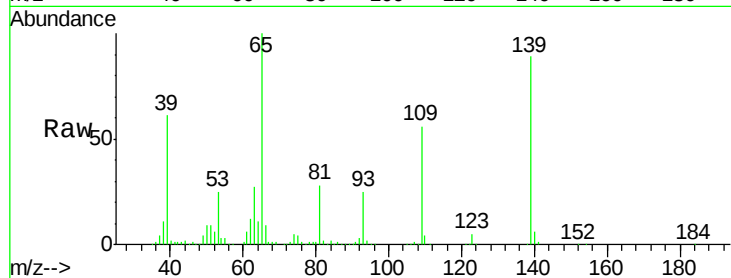
Tot Ion:139 Resp: 306554

Ion Ratio Lower Upper

139 100

109 63.0 43.6 83.6

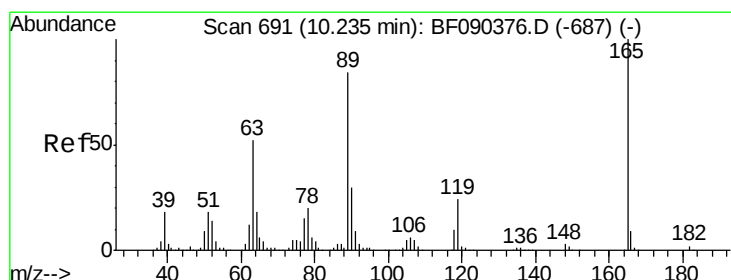
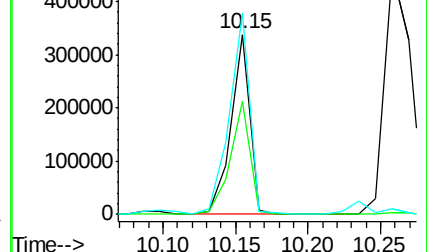
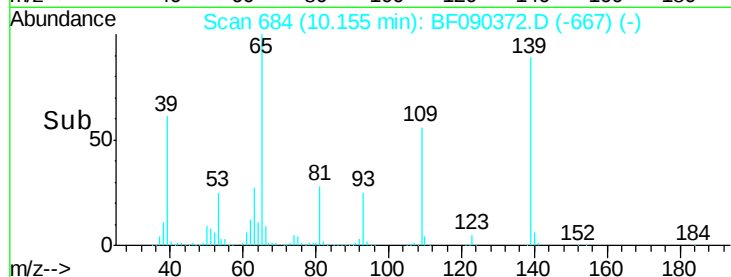
65 112.0 87.5 127.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.70 ng

RT: 10.23 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Tgt Ion:165 Resp: 355992

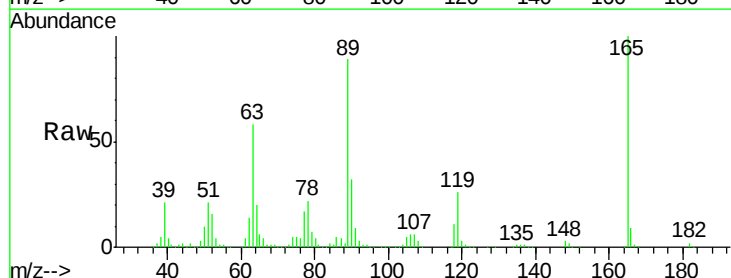
Ion Ratio Lower Upper

165 100

63 57.8 17.8 26.6#

89 89.3 33.2 49.8#

182 2.1 2.1 3.1

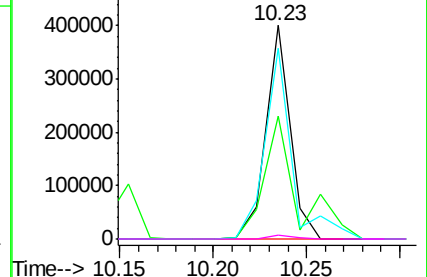
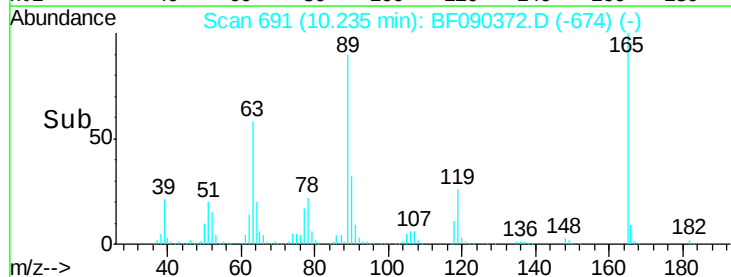


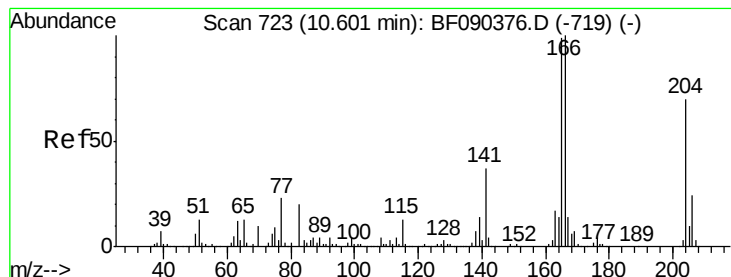
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.41 ng

RT: 10.61 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

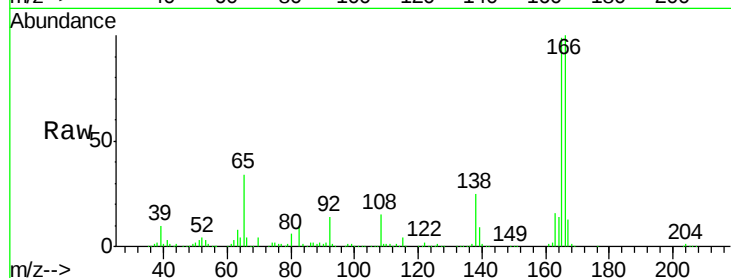
Tot Ion:166 Resp: 1263059

Ion Ratio Lower Upper

166 100

165 99.3 79.2 118.8

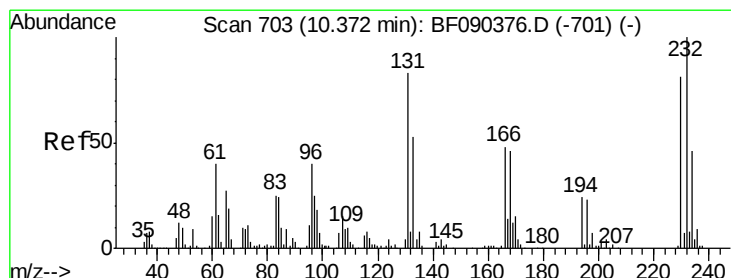
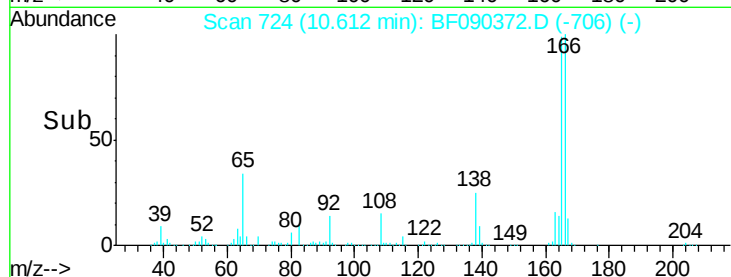
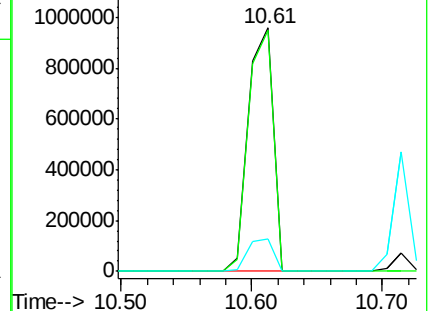
167 13.3 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.11 ng

RT: 10.34 min Scan# 700

Delta R.T. -0.03 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Tgt Ion:232 Resp: 294163

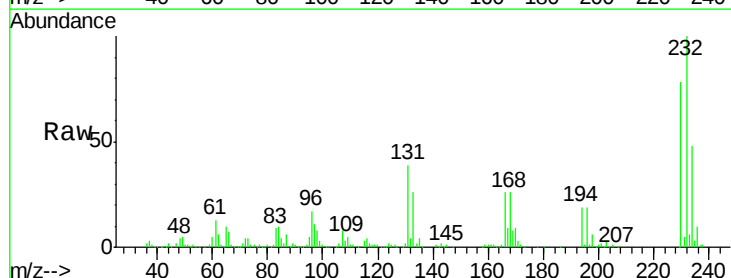
Ion Ratio Lower Upper

232 100

131 47.5 34.5 51.7

130 2.4 1.6 2.4

166 28.7 23.8 35.8

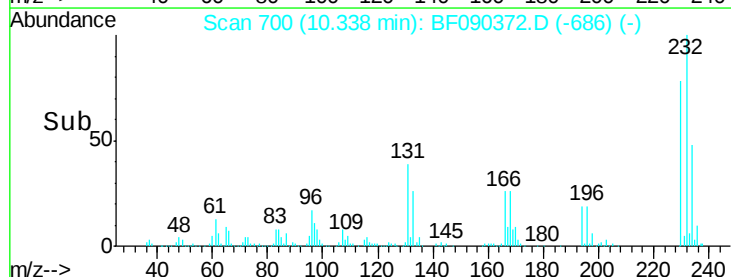
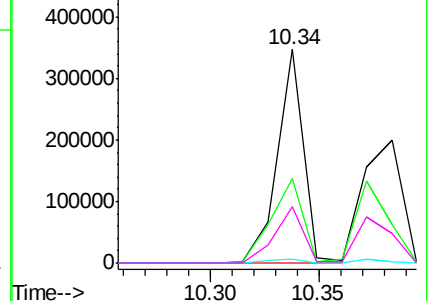


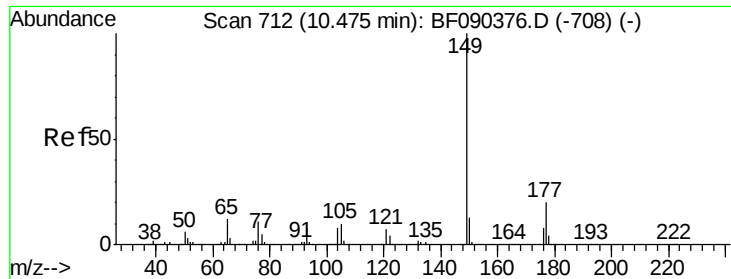
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

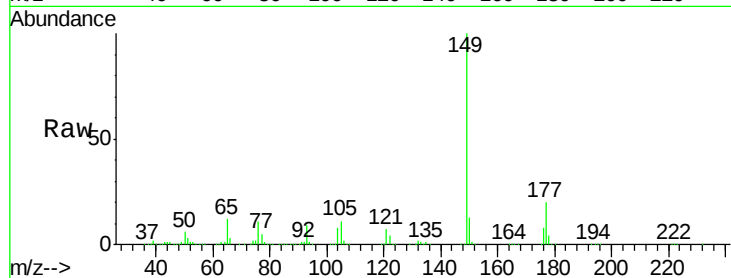




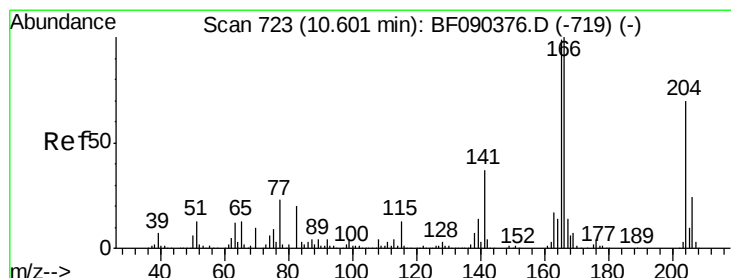
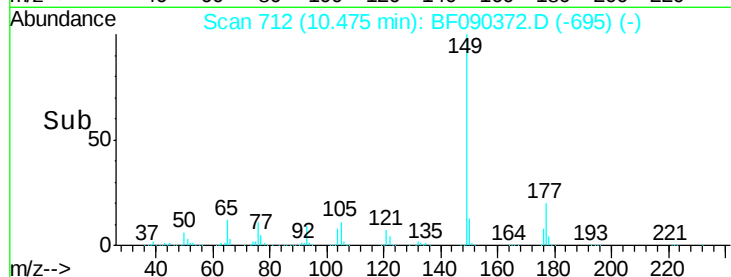
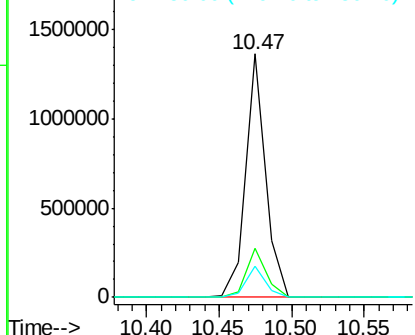
#59
Diethylphthalate
Concen: 40.25 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1296374
Ion Ratio Lower Upper
149 100
177 20.3 21.1 31.7#
150 13.0 10.2 15.2

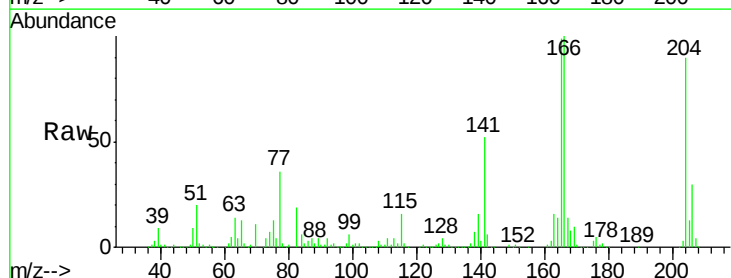


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

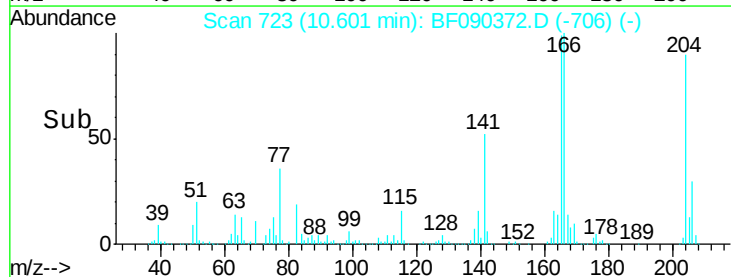
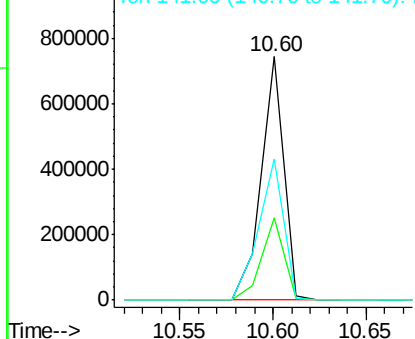


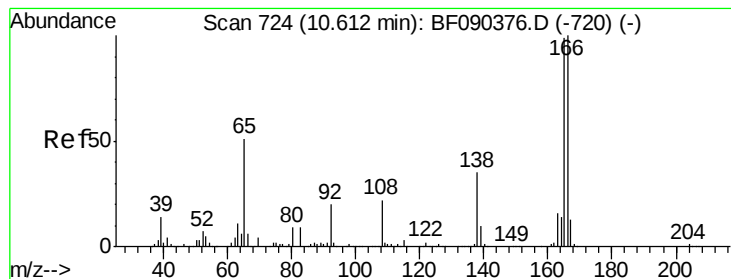
#60
4-Chlorophenyl-phenylether
Concen: 45.70 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Tgt Ion:204 Resp: 618871
Ion Ratio Lower Upper
204 100
206 33.8 26.7 40.1
141 57.8 51.7 77.5



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.47 ng

RT: 10.61 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

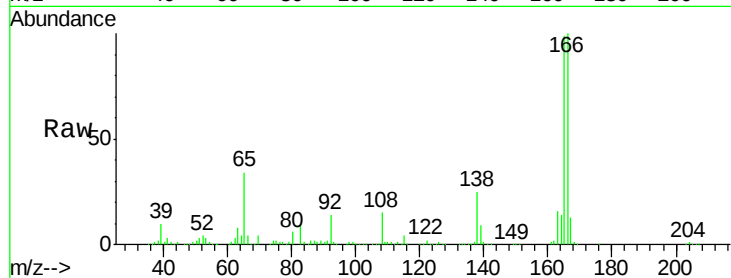
Tot Ion:138 Resp: 369892

Ion Ratio Lower Upper

138 100

92 56.2 33.2 73.2

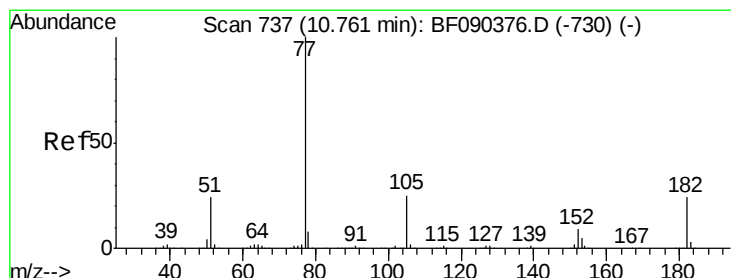
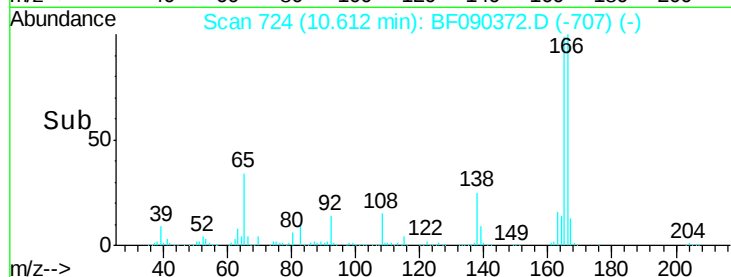
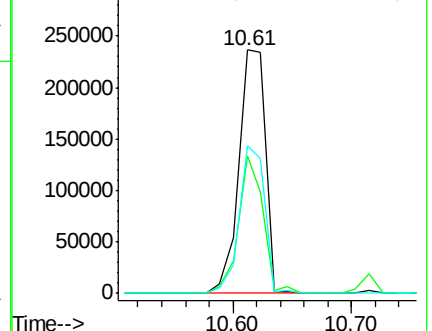
108 60.6 48.5 88.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.65 ng

RT: 10.76 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Tgt Ion: 77 Resp: 1698172

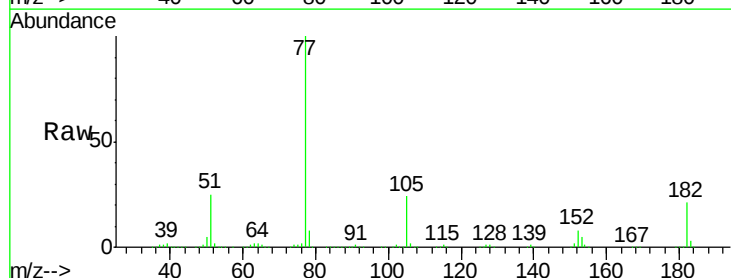
Ion Ratio Lower Upper

77 100

182 21.2 3.2 43.2

105 23.7 2.9 42.9

51 24.8 14.2 54.2

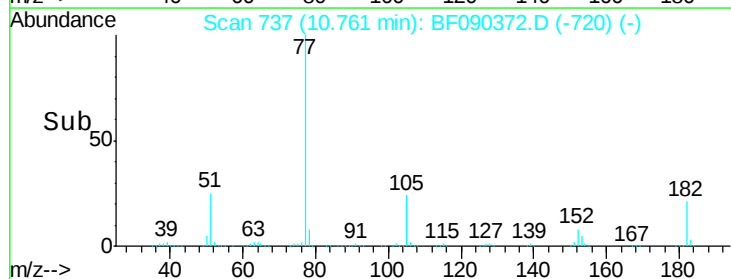
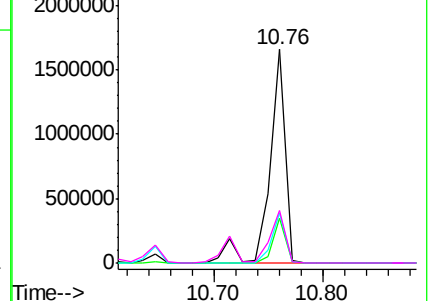


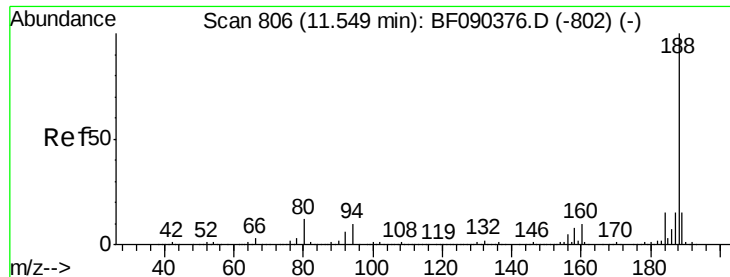
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

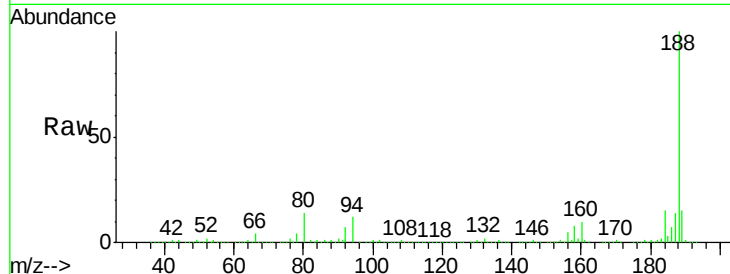




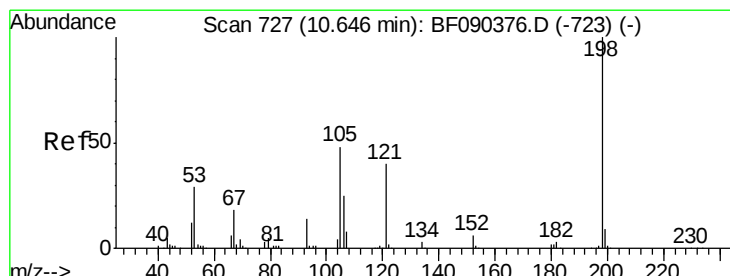
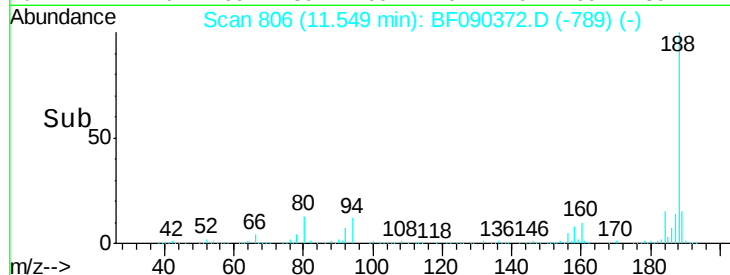
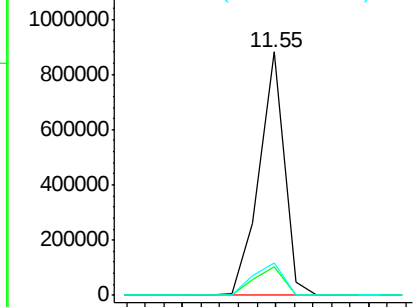
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 820891
Ion Ratio Lower Upper
188 100
94 11.7 8.2 12.2
80 13.5 8.8 13.2#

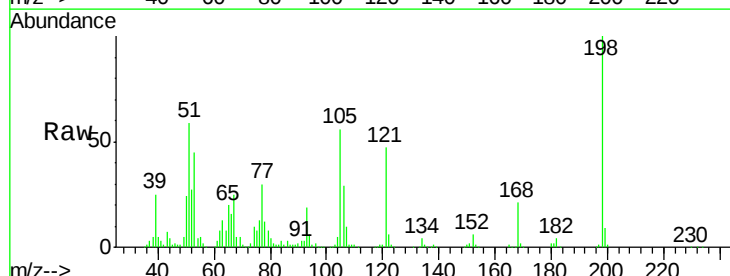


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

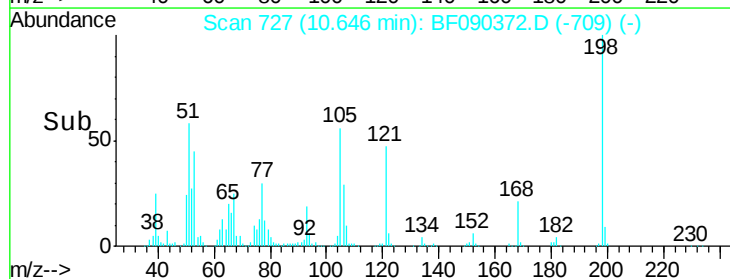
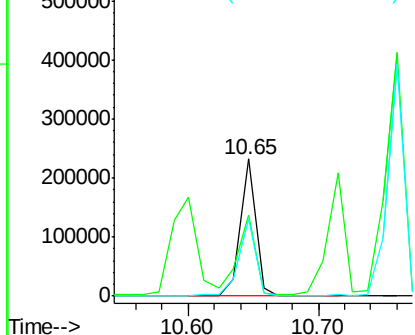


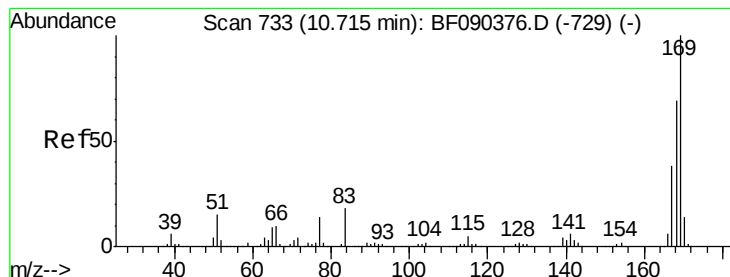
#64
4,6-Dinitro-2-methylphenol
Concen: 35.83 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Tgt Ion:198 Resp: 189967
Ion Ratio Lower Upper
198 100
51 59.2 67.3 107.3#
105 56.4 42.6 82.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E



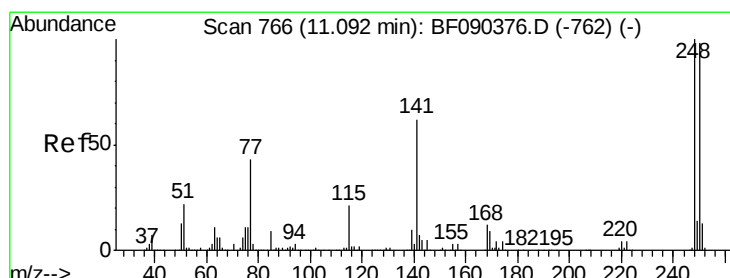
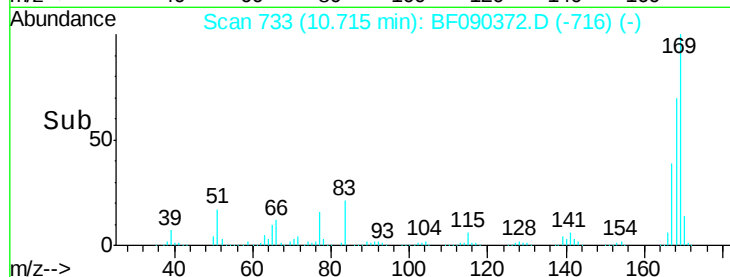
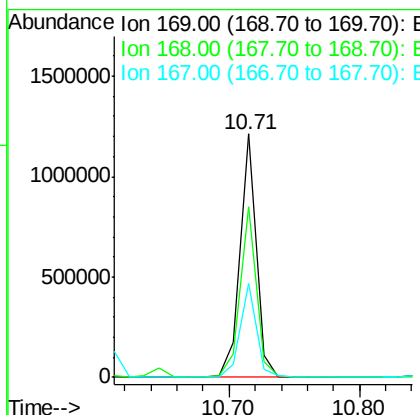
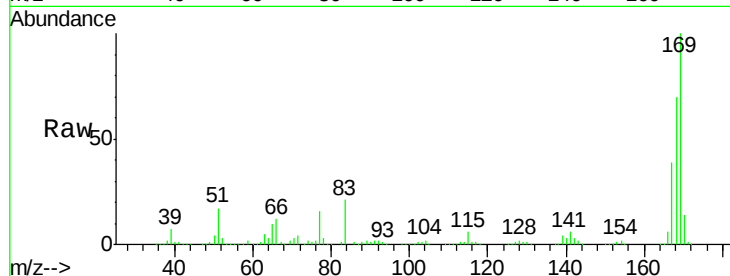


#65
 n-Nitrosodiphenylamine
 Concen: 37.69 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF090372.D
 Acq: 5 Oct 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 1036682

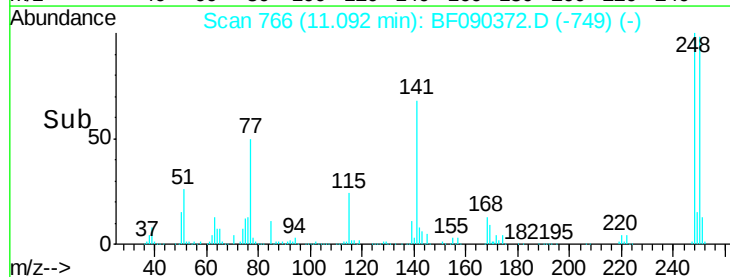
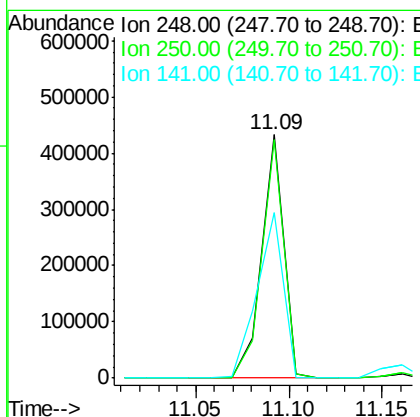
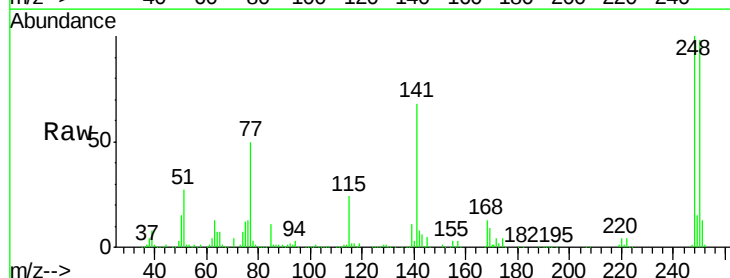
Ion	Ratio	Lower	Upper
169	100		
168	70.1	53.8	80.6
167	38.7	29.8	44.8

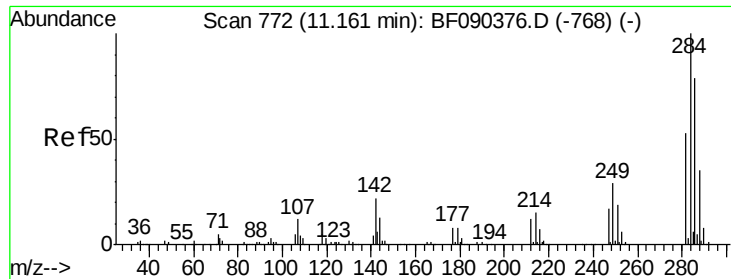


#66
 4-Bromophenyl-phenylether
 Concen: 43.76 ng
 RT: 11.09 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF090372.D
 Acq: 5 Oct 2016 9:46

Tgt Ion:248 Resp: 352140

Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.5	114.7
141	68.0	59.8	89.6

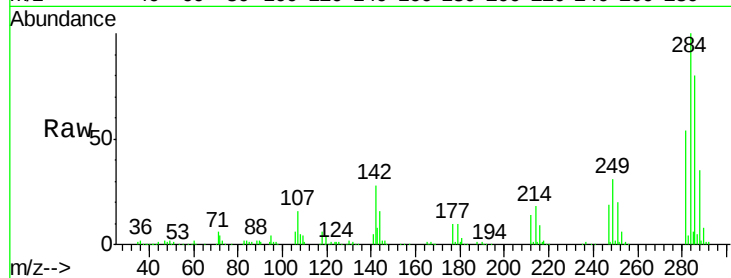




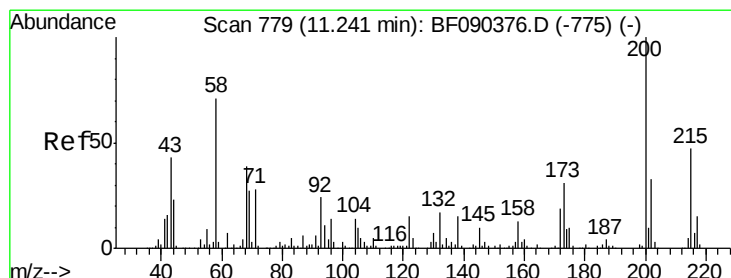
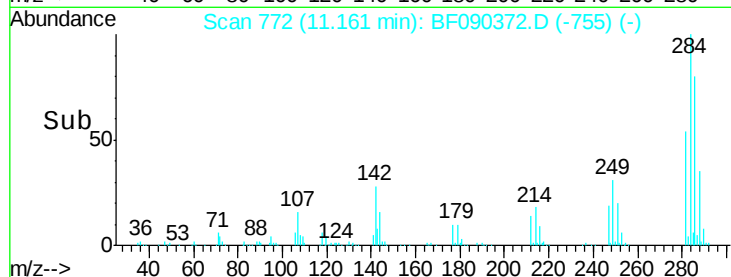
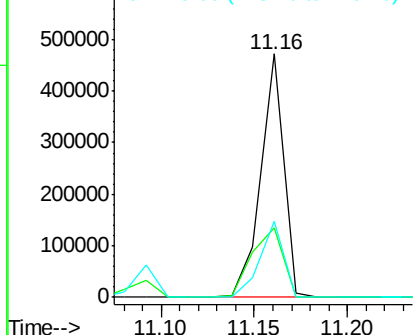
#67
Hexachlorobenzene
Concen: 44.44 ng
RT: 11.16 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 398249
Ion Ratio Lower Upper
284 100
142 28.4 23.1 34.7
249 31.1 26.3 39.5

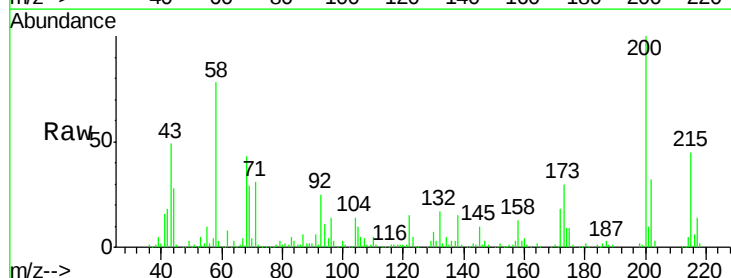


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

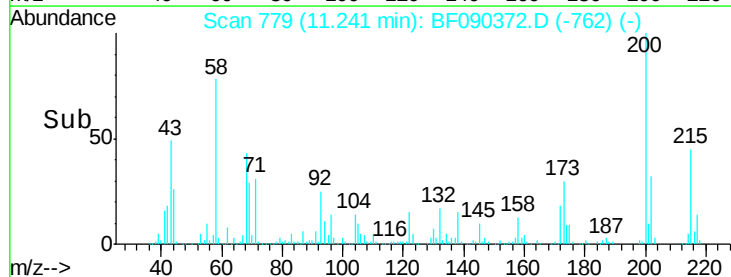
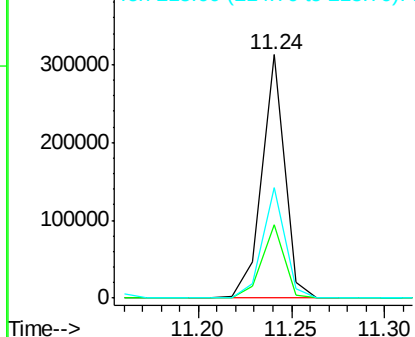


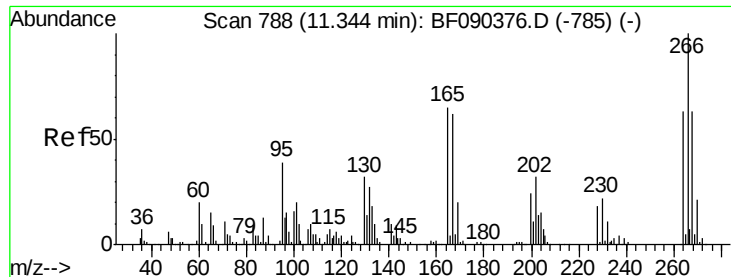
#68
Atrazine
Concen: 38.51 ng
RT: 11.24 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Tgt Ion:200 Resp: 261235
Ion Ratio Lower Upper
200 100
173 30.2 9.0 49.0
215 45.4 24.8 64.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

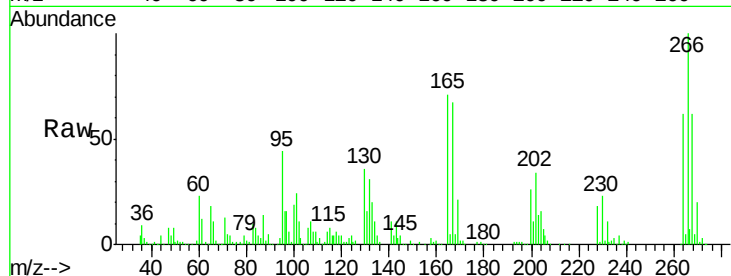




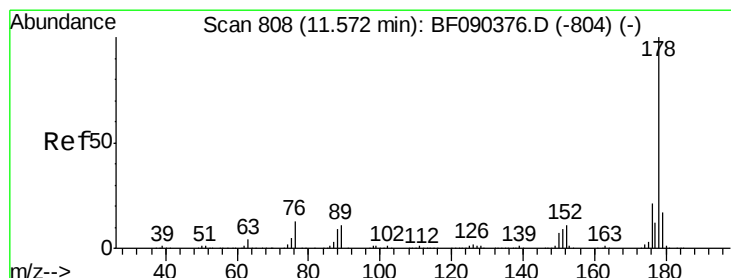
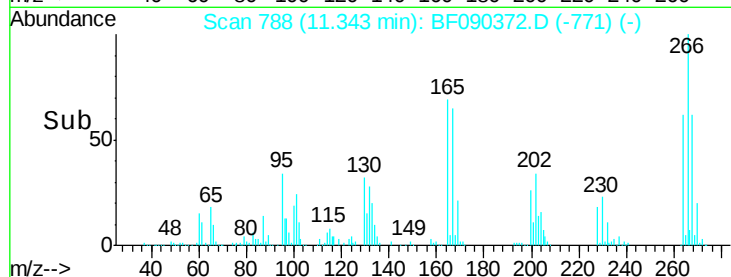
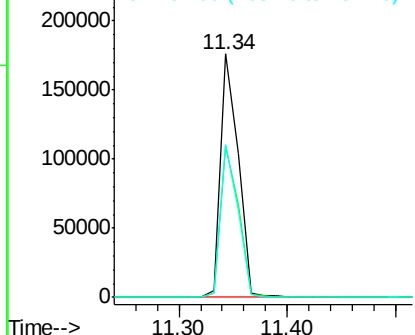
#69
 Pentachlorophenol
 Concen: 37.59 ng
 RT: 11.34 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF090372.D
 Acq: 5 Oct 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 200495
 Ion Ratio Lower Upper
 266 100
 268 62.4 50.9 76.3
 264 62.5 51.5 77.3

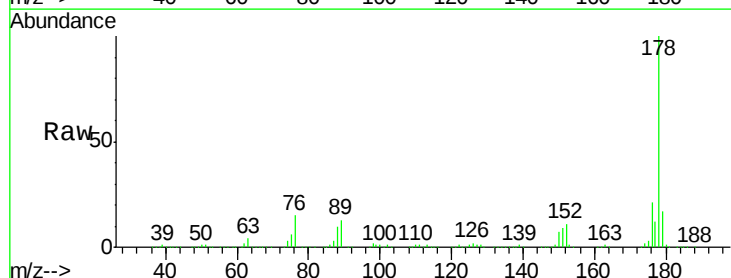


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

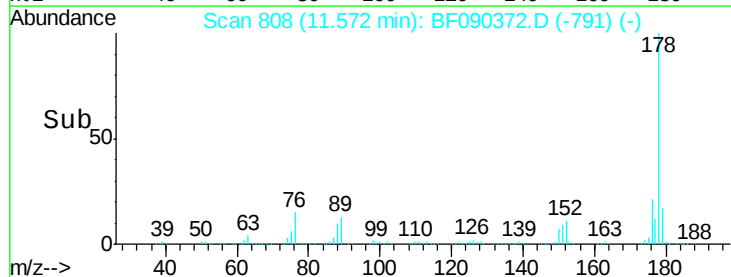
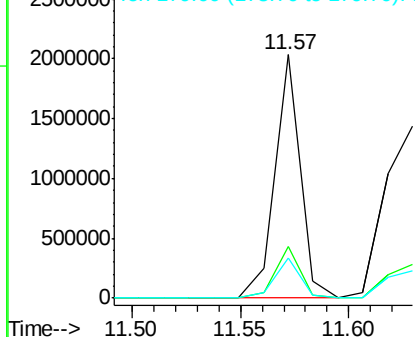


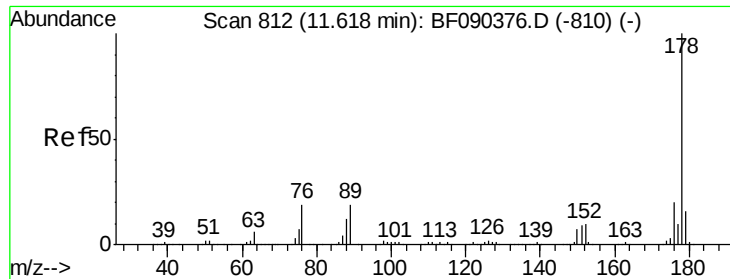
#70
 Phenanthrene
 Concen: 39.80 ng
 RT: 11.57 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF090372.D
 Acq: 5 Oct 2016 9:46

Tgt Ion:178 Resp: 1673014
 Ion Ratio Lower Upper
 178 100
 176 21.1 17.3 25.9
 179 16.6 13.8 20.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

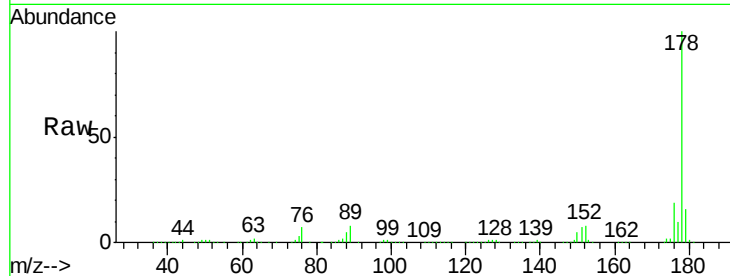




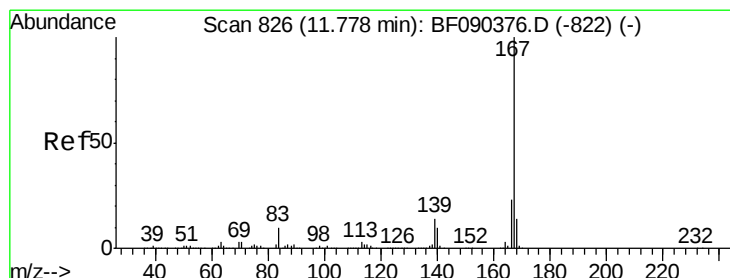
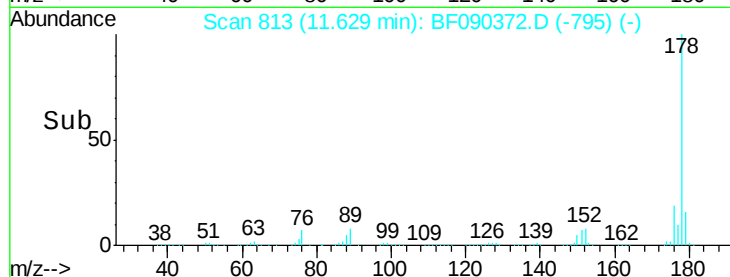
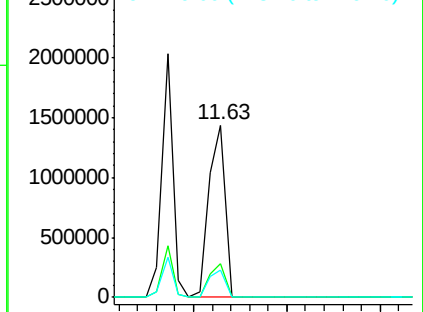
#71
 Anthracene
 Concen: 40.46 ng
 RT: 11.63 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF090372.D
 Acq: 5 Oct 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1736852
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.8 25.2
 179 16.0 13.4 20.2

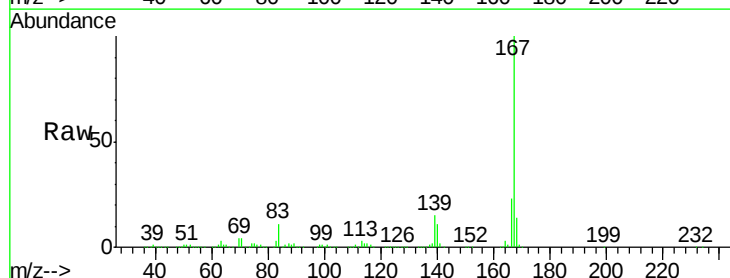


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

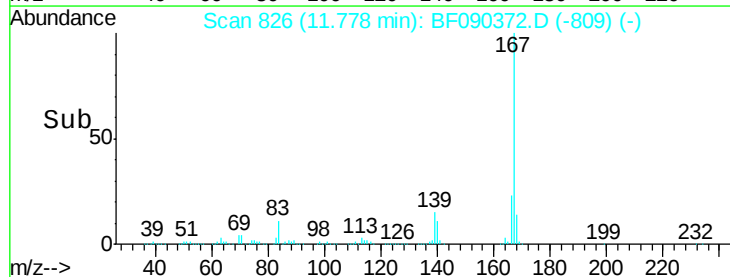
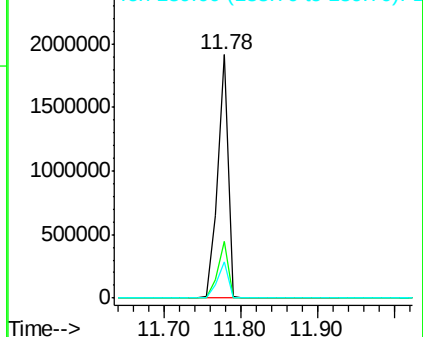


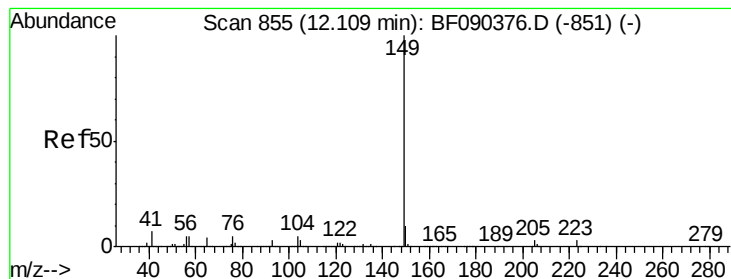
#72
 Carbazole
 Concen: 44.82 ng
 RT: 11.78 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF090372.D
 Acq: 5 Oct 2016 9:46

Tgt Ion:167 Resp: 1787490
 Ion Ratio Lower Upper
 167 100
 166 23.4 19.1 28.7
 139 14.7 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.02 ng

RT: 12.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

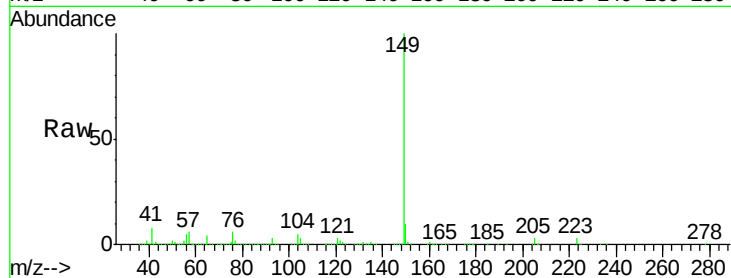
Tot Ion:149 Resp: 2039252

Ion Ratio Lower Upper

149 100

150 10.5 8.6 12.8

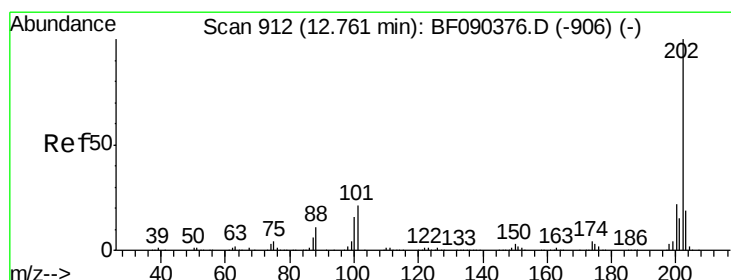
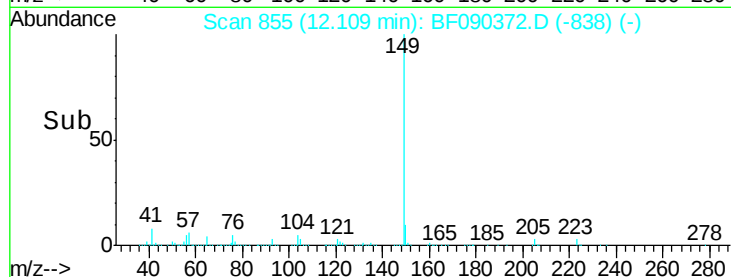
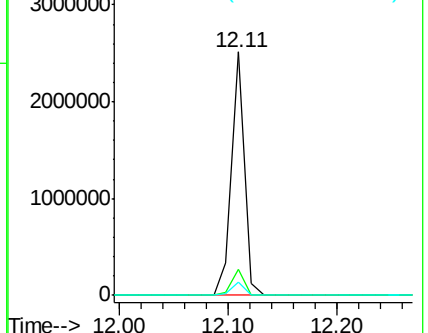
104 5.5 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.25 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

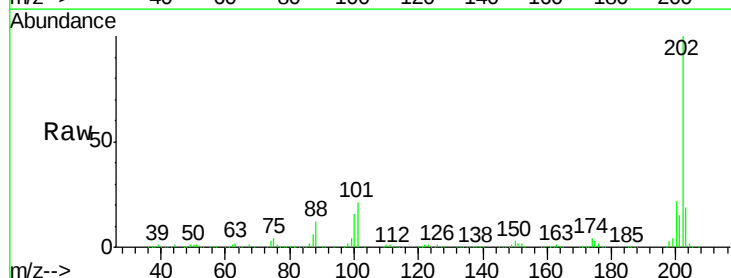
Tgt Ion:202 Resp: 1535936

Ion Ratio Lower Upper

202 100

101 21.1 0.0 37.2

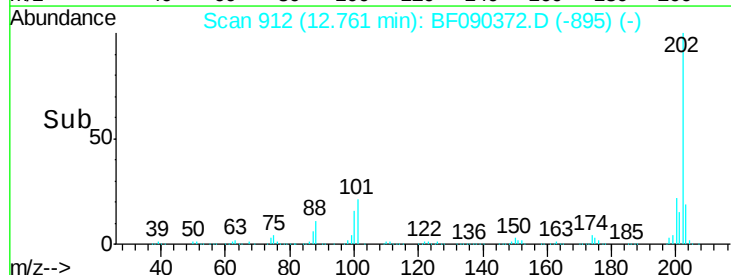
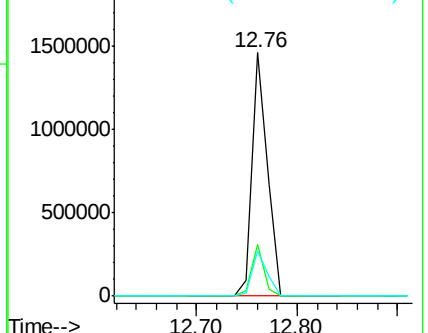
203 18.8 0.0 39.3

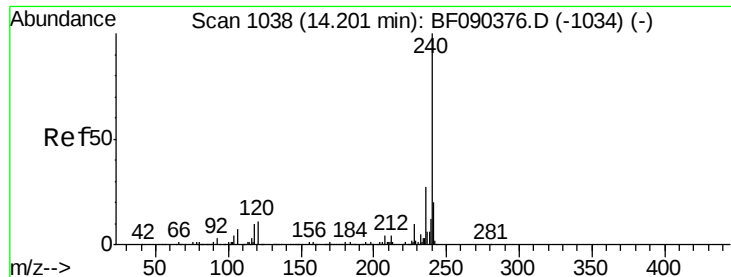


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

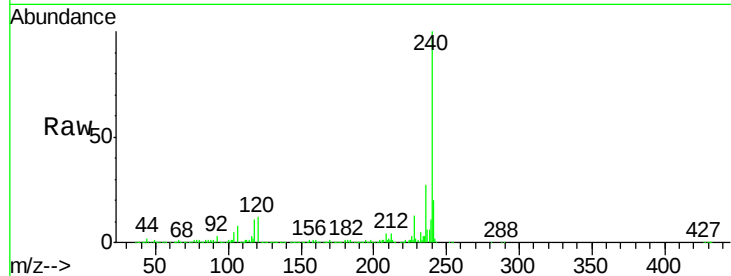
Tot Ion:240 Resp: 651364

Ion Ratio Lower Upper

240 100

120 11.9 8.6 13.0

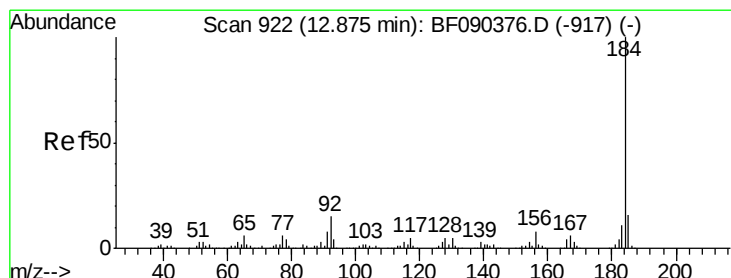
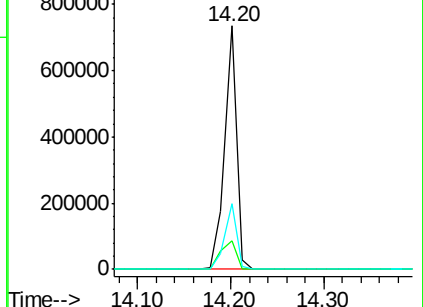
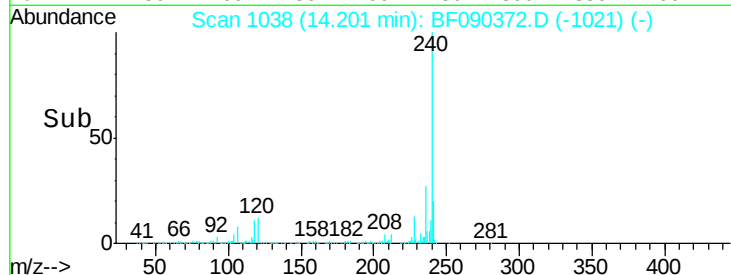
236 27.1 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.98 ng

RT: 12.88 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

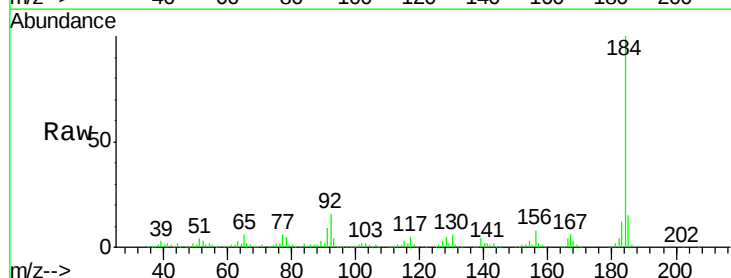
Tgt Ion:184 Resp: 633388

Ion Ratio Lower Upper

184 100

185 15.5 11.8 17.8

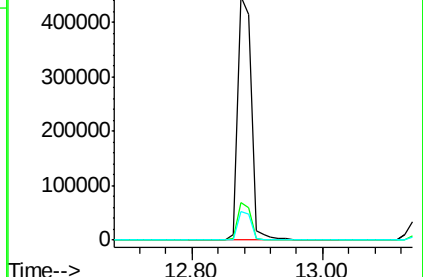
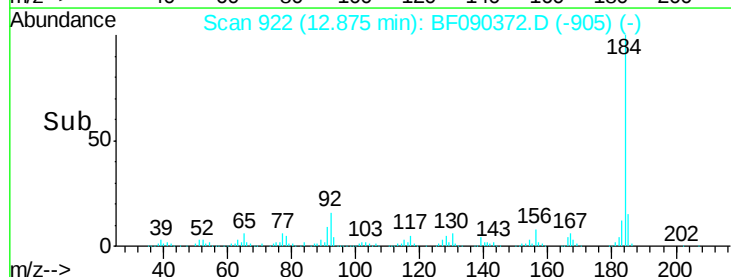
183 11.7 9.6 14.4

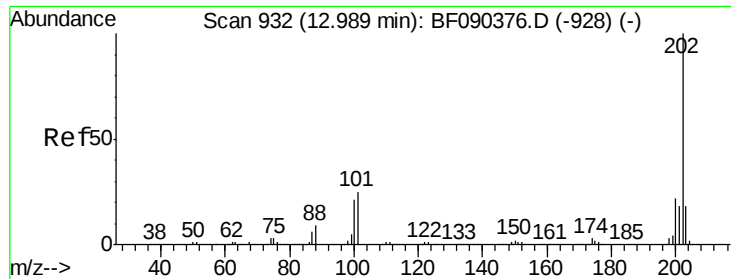


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

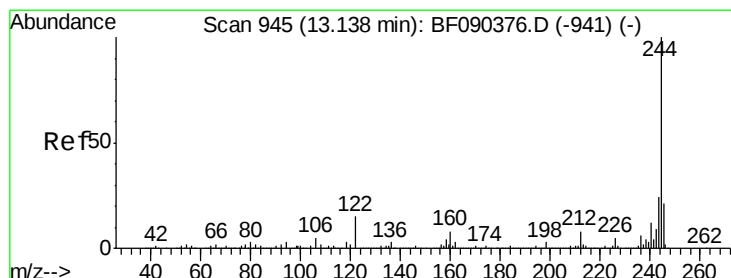
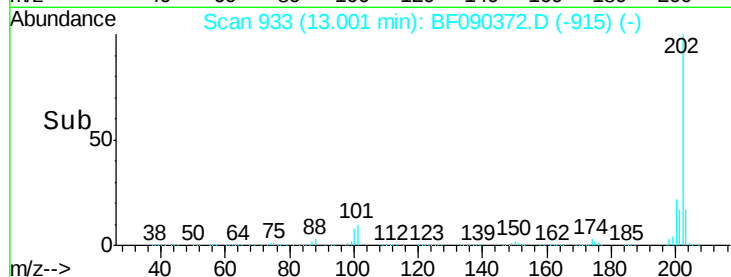
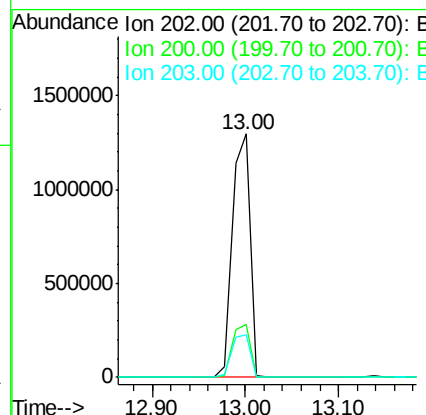
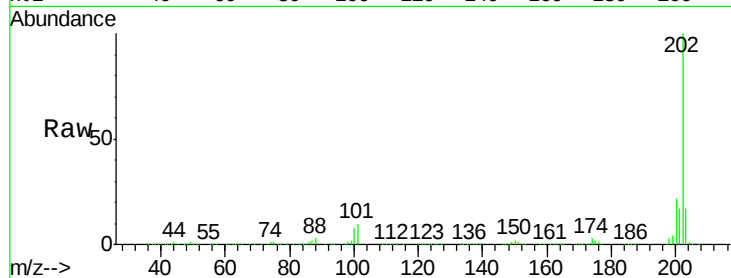




#77
Pvrene
Concen: 39.63 ng
RT: 13.00 min Scan# 933
Delta R.T. 0.01 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

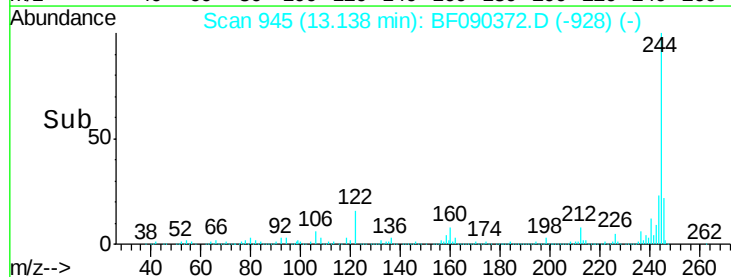
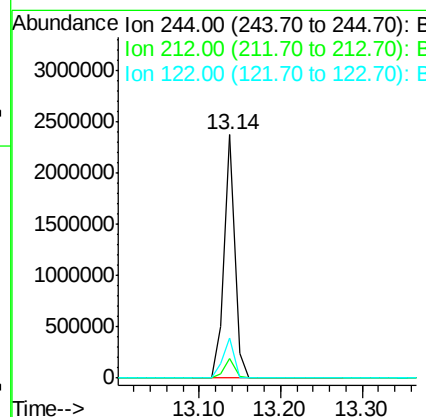
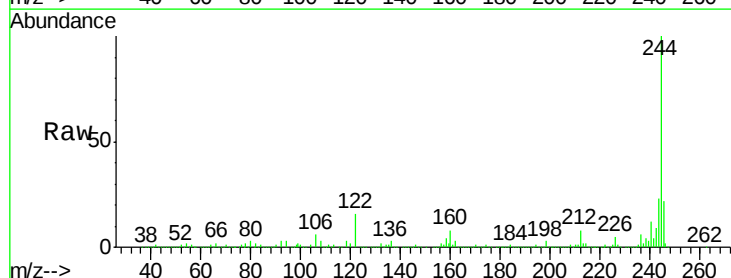
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

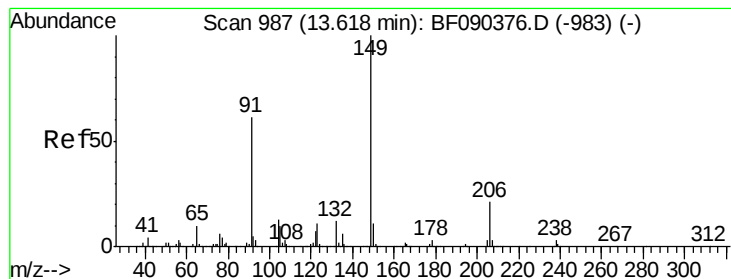
Tot Ion:202 Resp: 1721138
Ion Ratio Lower Upper
202 100
200 21.5 18.5 27.7
203 17.5 15.0 22.6



#78
Terphenyl-d14
Concen: 74.03 ng
RT: 13.14 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Tgt Ion:244 Resp: 2144736
Ion Ratio Lower Upper
244 100
212 8.0 6.8 10.2
122 16.4 13.3 19.9





#79

Butylbenzylphthalate

Concen: 39.81 ng

RT: 13.62 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

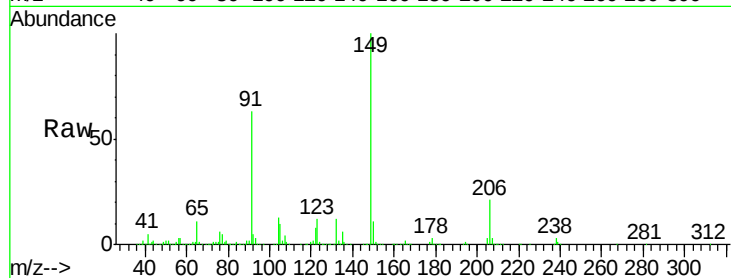
Tot Ion:149 Resp: 887188

Ion Ratio Lower Upper

149 100

91 62.9 51.8 77.8

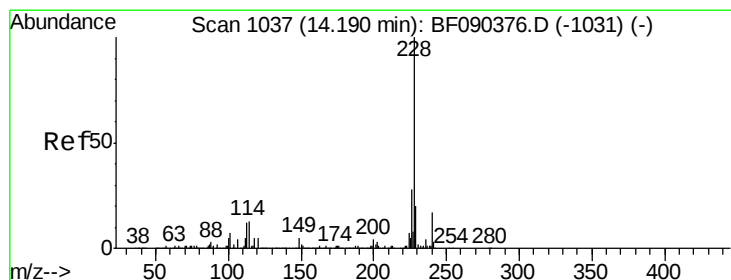
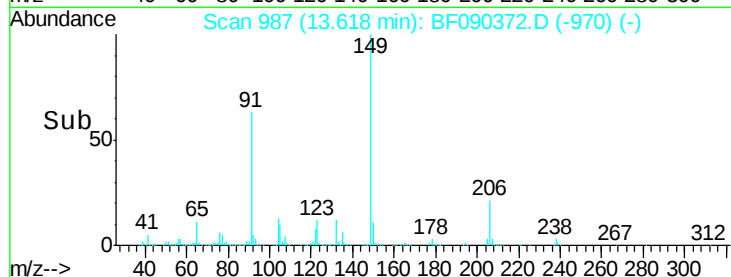
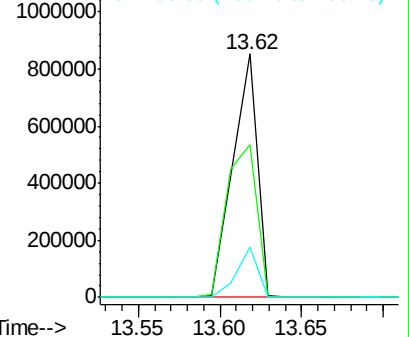
206 20.6 18.0 27.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.13 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

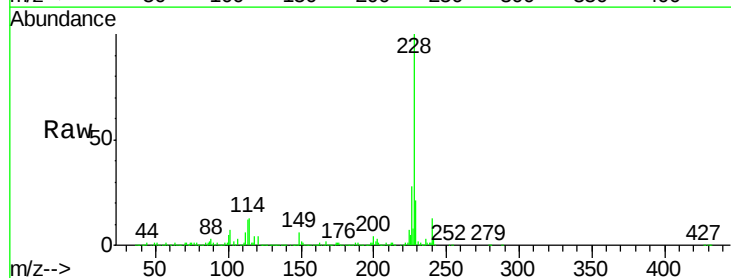
Tgt Ion:228 Resp: 1430055

Ion Ratio Lower Upper

228 100

226 28.3 23.6 35.4

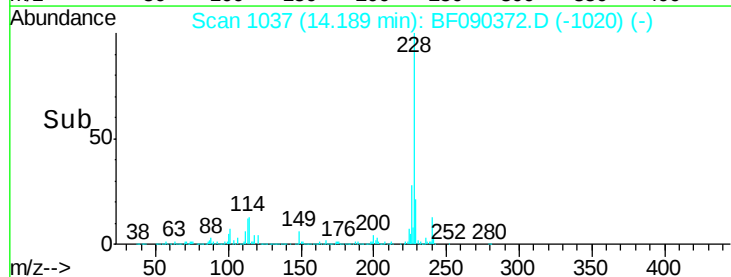
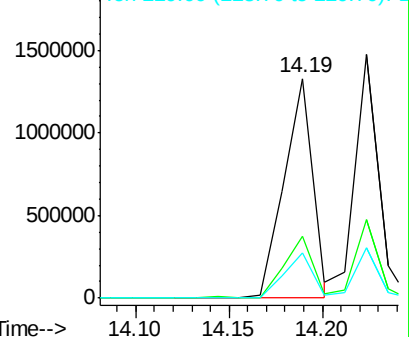
229 20.6 16.6 25.0

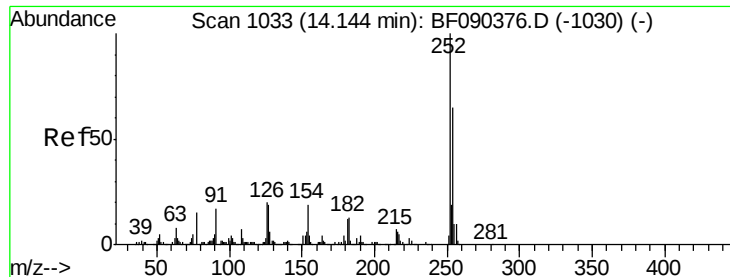


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

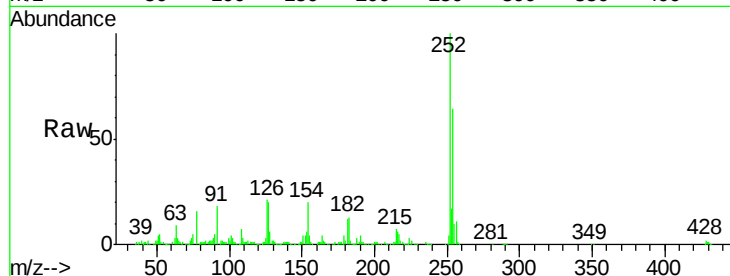




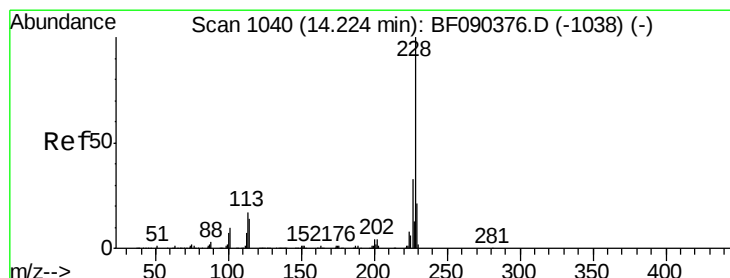
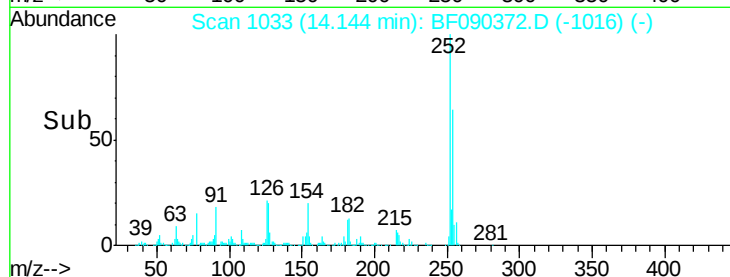
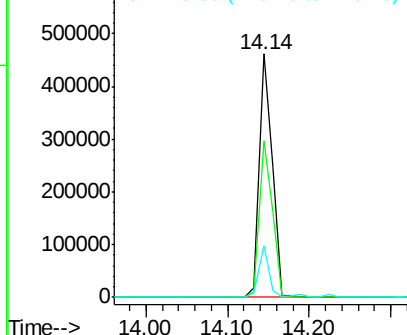
#81
 3,3'-Dichlorobenzidine
 Concen: 38.12 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090372.D
 Acq: 5 Oct 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 505038
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.1 78.1
 126 21.1 4.2 6.4#

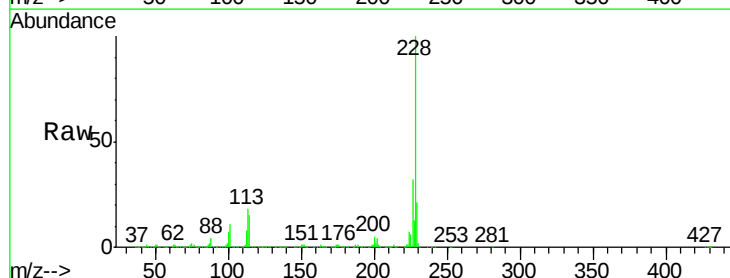


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

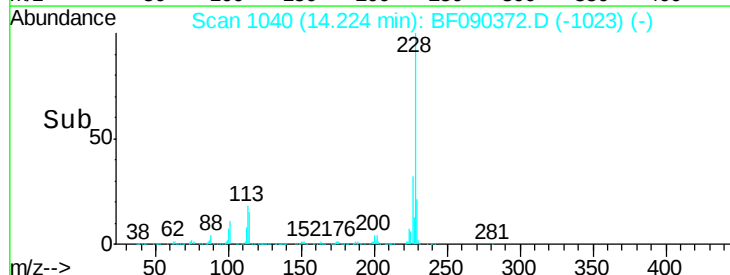
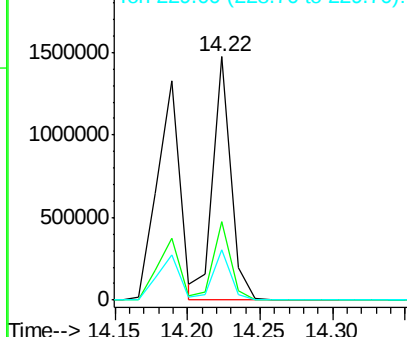


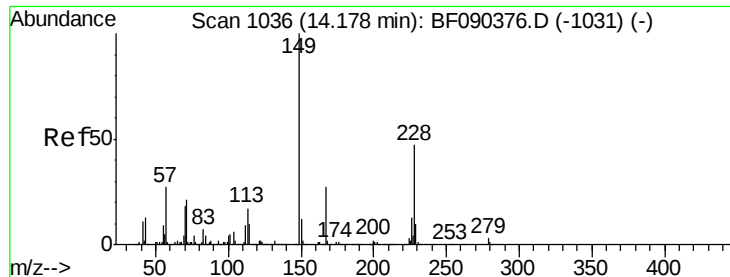
#82
 Chrysene
 Concen: 37.44 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF090372.D
 Acq: 5 Oct 2016 9:46

Tgt Ion:228 Resp: 1259433
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.8 38.6
 229 20.7 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

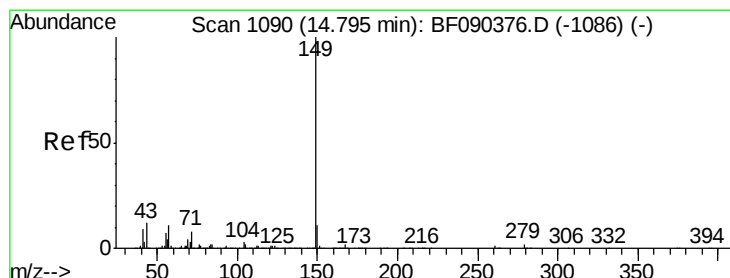
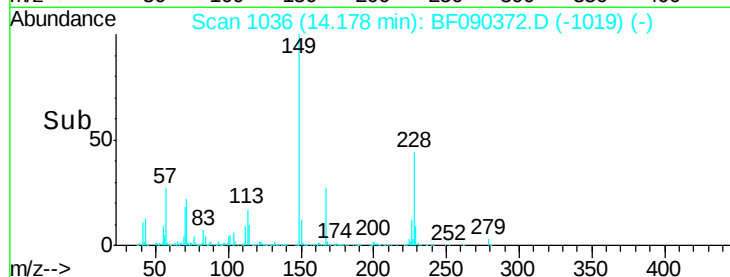
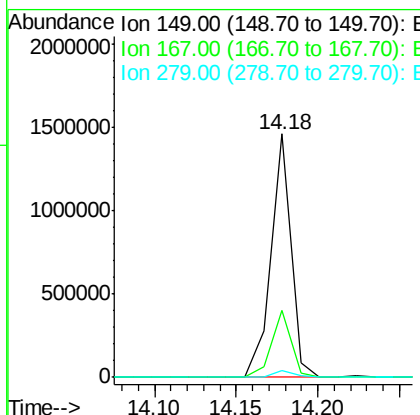
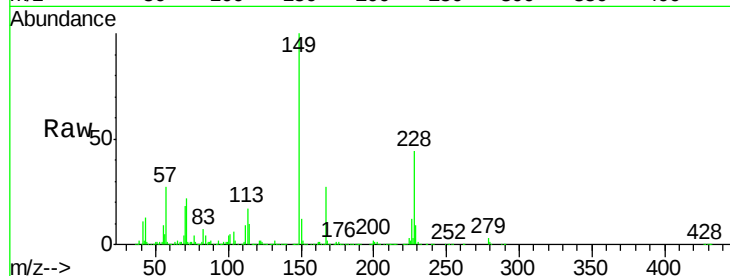




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.57 ng
 RT: 14.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090372.D
 Acq: 5 Oct 2016 9:46

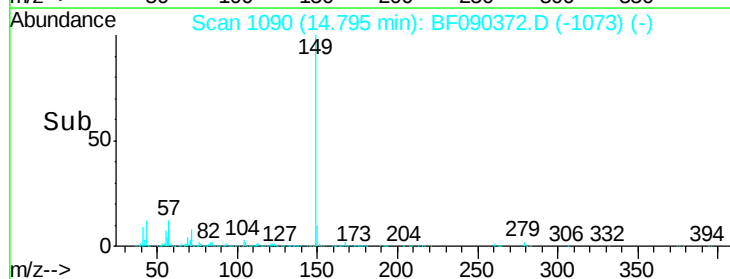
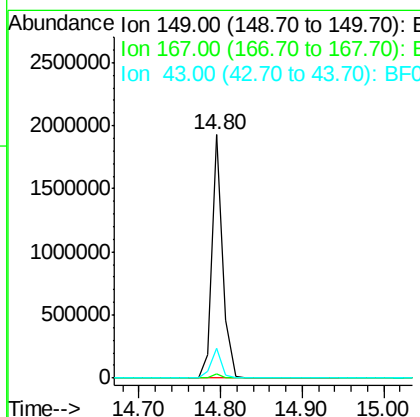
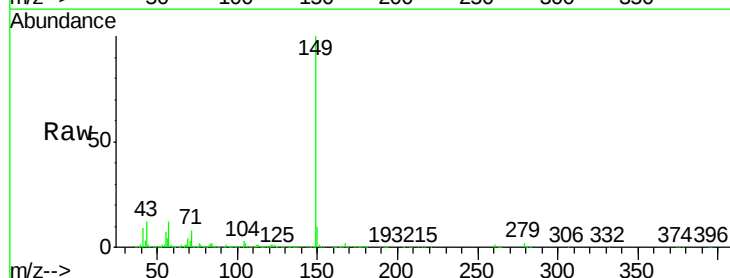
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

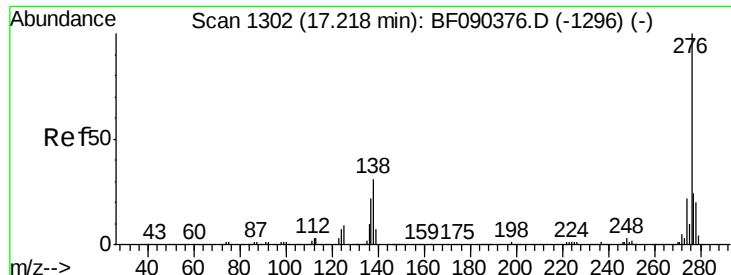
Tot Ion:149 Resp: 1253406
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.5 32.3
 279 2.8 2.6 3.8



#84
 Di-n-octyl phthalate
 Concen: 37.98 ng
 RT: 14.80 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF090372.D
 Acq: 5 Oct 2016 9:46

Tgt Ion:149 Resp: 1783473
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.4 11.8 17.8

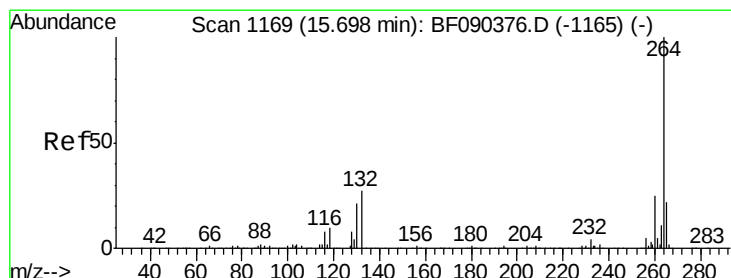
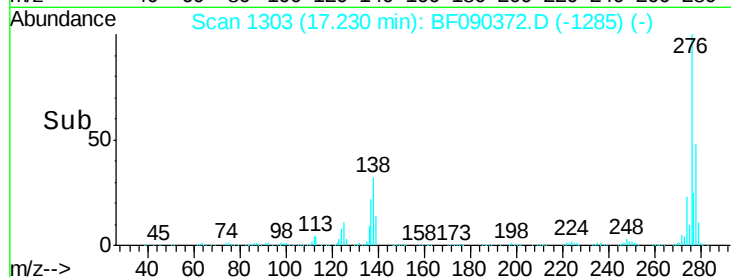
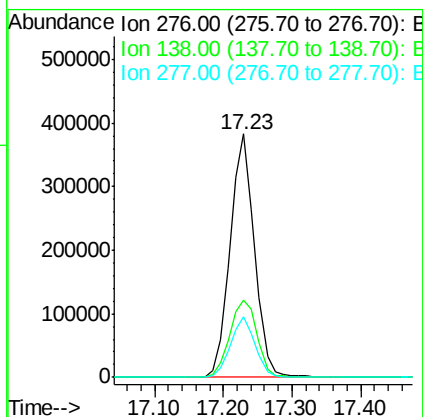
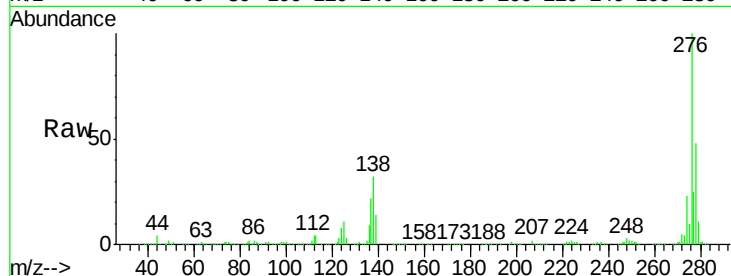




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.74 ng
RT: 17.23 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

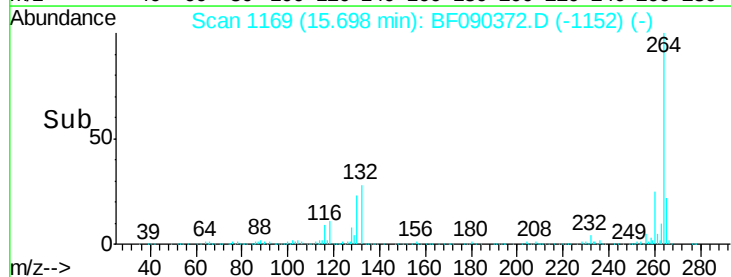
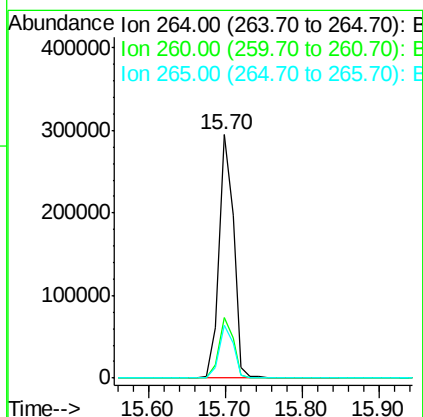
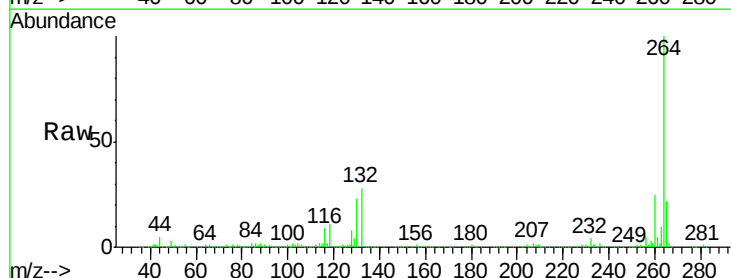
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

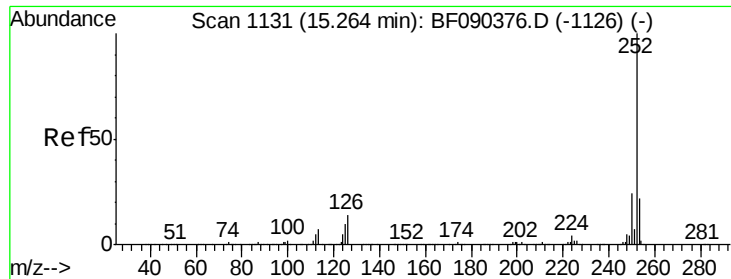
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.8	23.8	35.8#
277	25.2	20.4	30.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	21.9	17.4	26.0

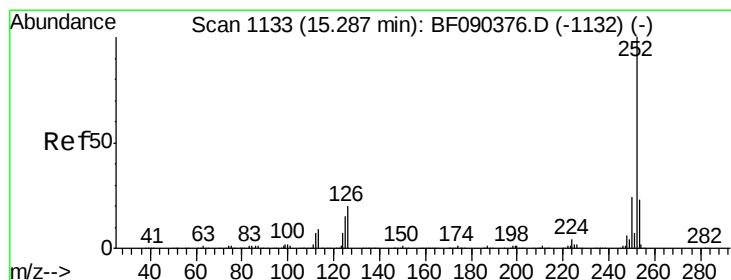
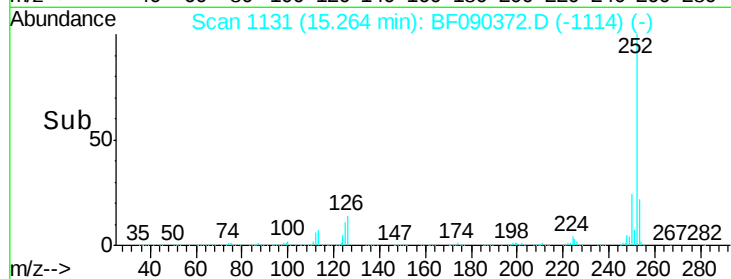
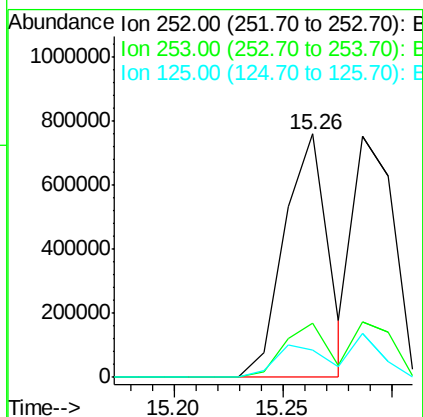
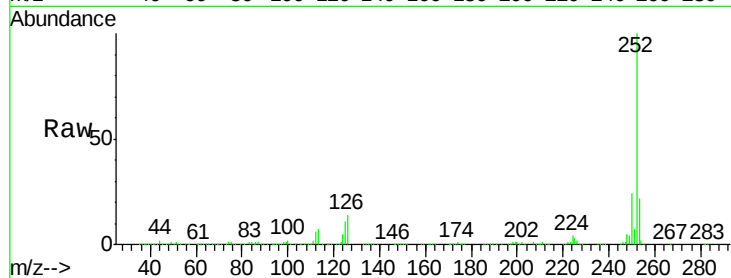




#87
Benzo(b)fluoranthene
Concen: 42.20 ng
RT: 15.26 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

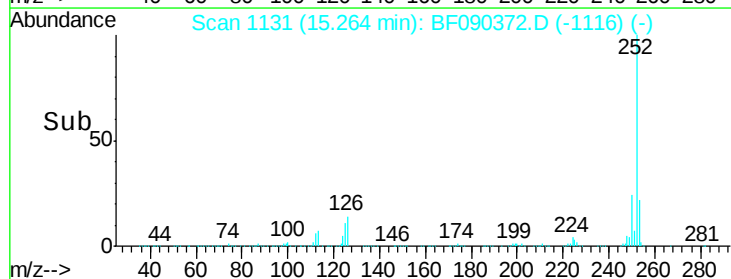
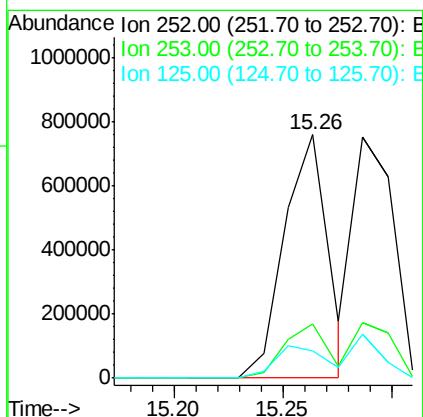
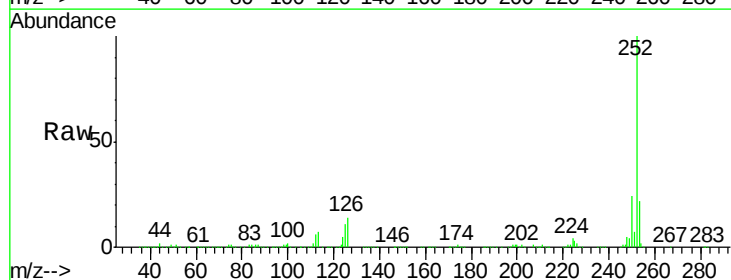
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

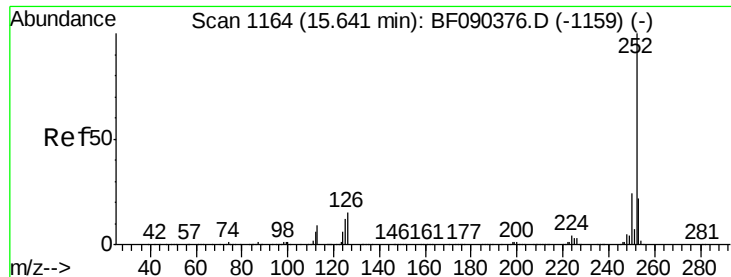
Tot Ion:252 Resp: 1062045
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 11.3 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 44.93 ng
RT: 15.26 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF090372.D
Acq: 5 Oct 2016 9:46

Tgt Ion:252 Resp: 1062045
Ion Ratio Lower Upper
252 100
253 22.4 18.6 27.8
125 11.3 11.7 17.5#





#89

Benzo(a)pyrene

Concen: 41.68 ng

RT: 15.64 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

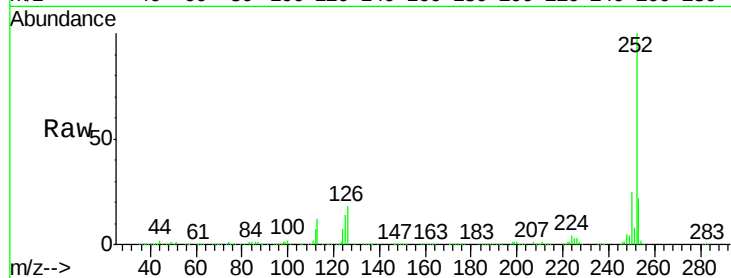
Tot Ion:252 Resp: 904164

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

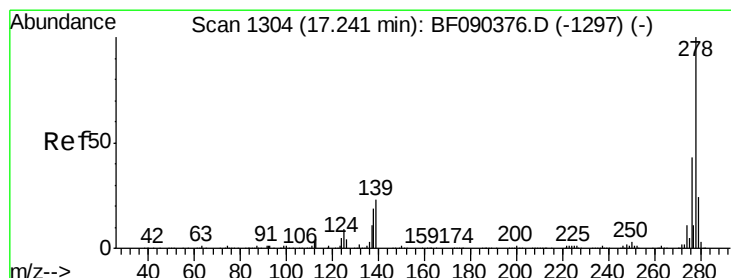
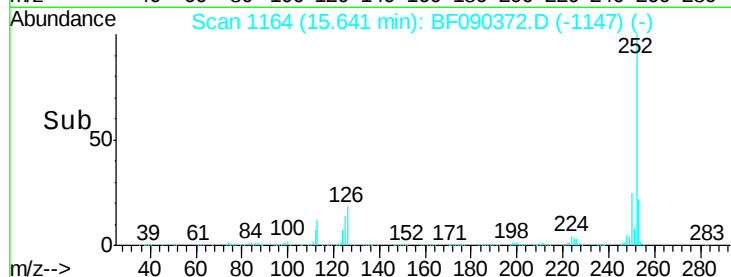
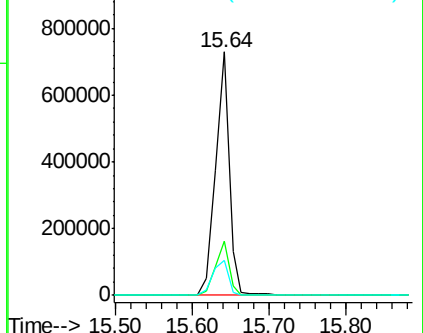
125 14.4 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.00 ng

RT: 17.24 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

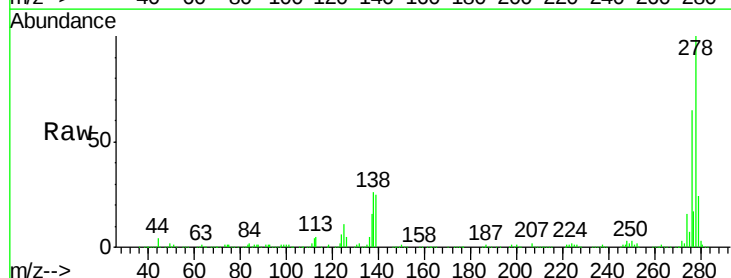
Tgt Ion:278 Resp: 793552

Ion Ratio Lower Upper

278 100

139 24.8 12.8 19.2#

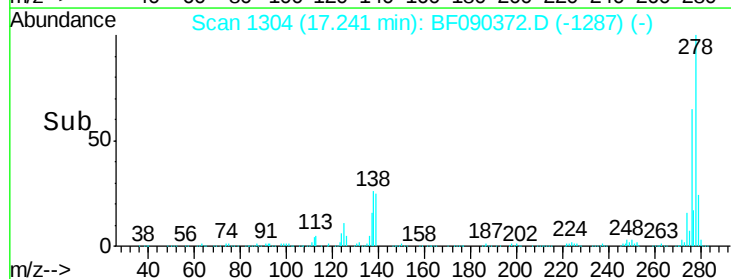
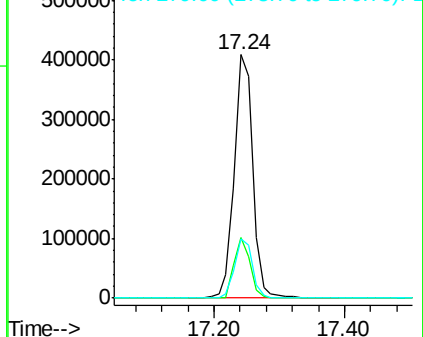
279 24.4 19.6 29.4

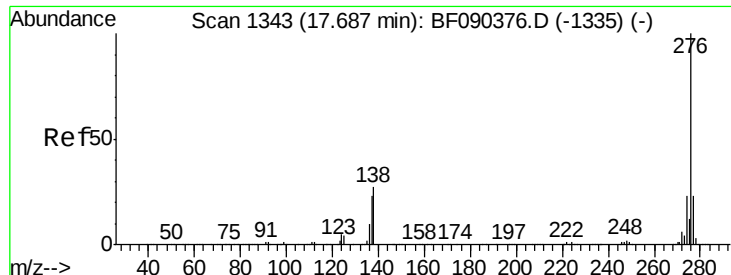


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.98 ng

RT: 17.69 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BF090372.D

Acq: 5 Oct 2016 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

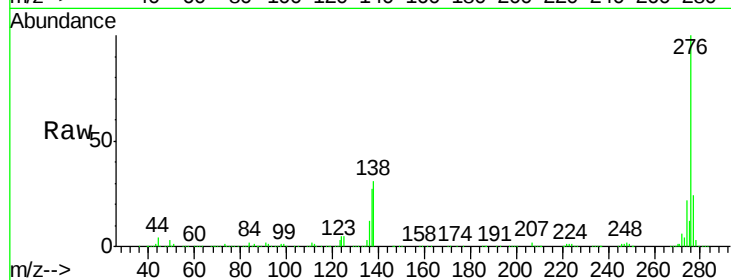
Tot Ion: 276 Resp: 778935

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 30.7 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

