

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093386.D
 Acq On : 4 Mar 2017 5:44
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 05 23:38:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	168772	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	656330	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	287060	20.00	ng	-0.07
63) Phenanthrene-d10	11.31	188	449463	20.00	ng	-0.07
75) Chrysene-d12	13.95	240	294577	20.00	ng	-0.07
86) Perylene-d12	15.36	264	282441	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	830656	84.44	ng	-0.08
7) Phenol-d6	6.44	99	1022014	80.74	ng	-0.05
23) Nitrobenzene-d5	7.36	82	951400	80.72	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	148605	71.58	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1415155	89.31	ng	-0.07
78) Terphenyl-d14	12.89	244	1038655	82.85	ng	-0.08

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.29	88	218975	41.20	ng	# 85
3) Pyridine	2.99	79	622090	46.02	ng	88
4) n-Nitrosodimethylamine	2.96	42	286246	45.10	ng	86
6) Aniline	6.45	93	671632	38.90	ng	83
8) 2-Chlorophenol	6.57	128	437416	40.30	ng	88
9) Benzaldehyde	6.33	77	324124	35.74	ng	86
10) Phenol	6.45	94	597691	40.36	ng	95
11) bis(2-Chloroethyl)ether	6.52	93	474511	40.14	ng	91
12) 1,3-Dichlorobenzene	6.73	146	503709	39.63	ng	99
13) 1,4-Dichlorobenzene	6.73	146	503709	39.15	ng	93
14) 1,2-Dichlorobenzene	6.96	146	478337	38.88	ng	98
15) Benzyl Alcohol	6.94	79	349505	37.30	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	798823	38.90	ng	85
17) 2-Methylphenol	7.06	107	362406	38.92	ng	94
18) Hexachloroethane	7.30	117	170702	38.87	ng	# 85
19) n-Nitroso-di-n-propylamine	7.21	70	309697	38.44	ng	93
20) 3+4-Methylphenols	7.22	107	488923	43.92	ng	# 75
22) Acetophenone	7.21	105	619534	41.34	ng	# 97
24) Nitrobenzene	7.38	77	520595	43.02	ng	99
25) Isophorone	7.62	82	907467	41.32	ng	96
26) 2-Nitrophenol	7.70	139	244397	42.48	ng	90
27) 2,4-Dimethylphenol	7.74	122	416683	41.24	ng	94
28) bis(2-Chloroethoxy)methane	7.84	93	574096	39.47	ng	100
29) 2,4-Dichlorophenol	7.95	162	356618	37.85	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	385678	37.98	ng	97
31) Naphthalene	8.10	128	1293258	38.87	ng	99
32) Benzoic acid	7.88	122	198562	36.67	ng	96
33) 4-Chloroaniline	8.16	127	528381	40.49	ng	98
34) Hexachlorobutadiene	8.21	225	206811	37.02	ng	99
35) Caprolactam	8.53	113	116616	39.35	ng	# 34
36) 4-Chloro-3-methylphenol	8.65	107	388246	39.52	ng	97
37) 2-Methylnaphthalene	8.78	142	769839	36.04	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	368866	45.78	ng	99
40) Hexachlorocyclopentadiene	8.93	237	73427	20.20	ng	98

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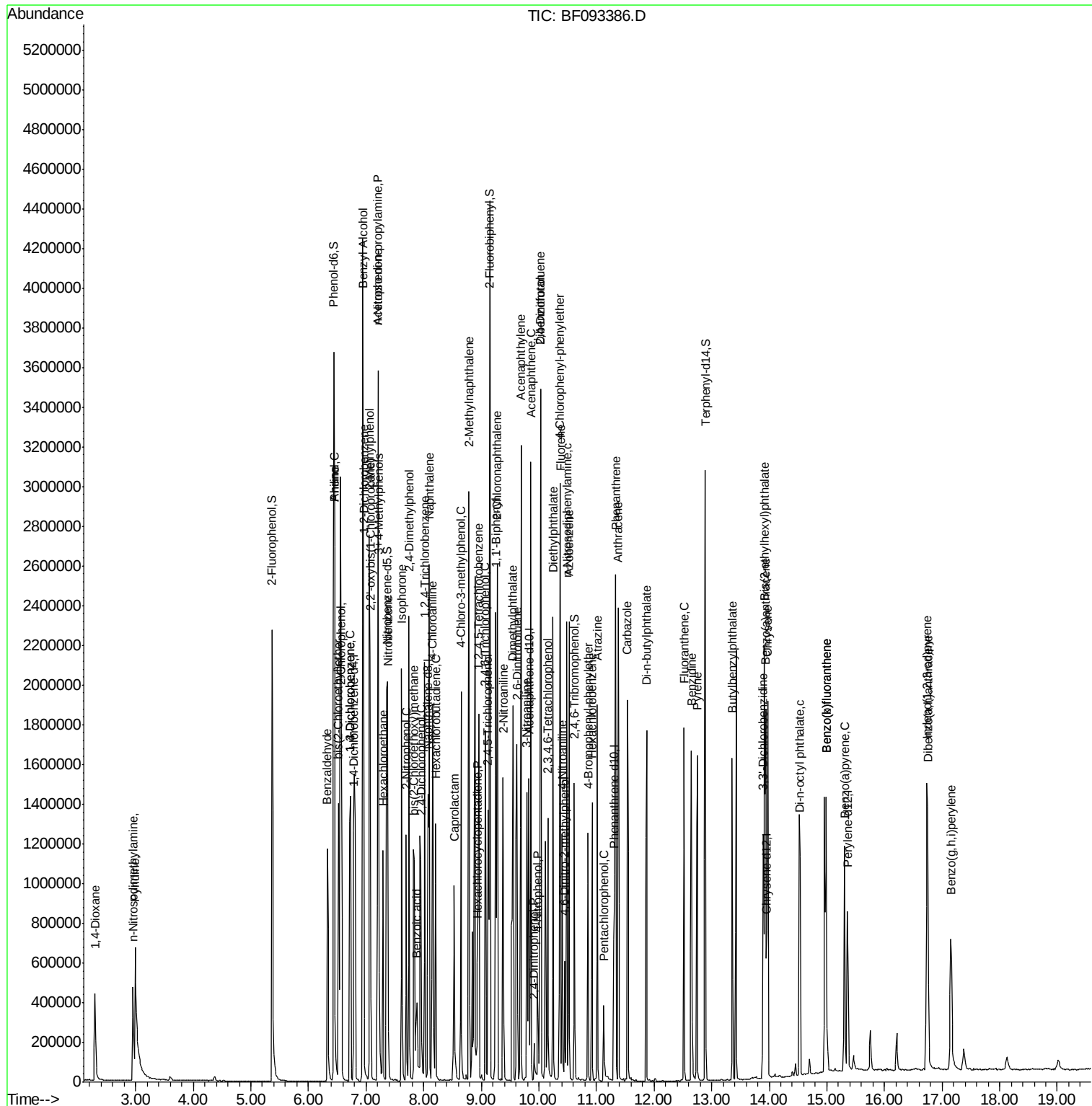
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	226290	42.74	ng	93
43) 2,4,5-Trichlorophenol	9.12	196	246310	42.46	ng	96
45) 1,1'-Biphenyl	9.25	154	956129	46.00	ng	99
46) 2-Chloronaphthalene	9.28	162	758068	46.62	ng	98
47) 2-Nitroaniline	9.38	65	261025	47.74	ng	94
48) Acenaphthylene	9.69	152	1179713	42.00	ng	99
49) Dimethylphthalate	9.55	163	817573	42.28	ng	99
50) 2,6-Dinitrotoluene	9.62	165	174668	41.83	ng	# 57
51) Acenaphthene	9.86	154	685640	40.83	ng	96
52) 3-Nitroaniline	9.79	138	204706	42.84	ng	96
53) 2,4-Dinitrophenol	9.92	184	33661	19.64	ng	# 72
54) Dibenzofuran	10.03	168	891291	39.68	ng	95
55) 4-Nitrophenol	9.97	139	104421	30.34	ng	# 85
56) 2,4-Dinitrotoluene	10.03	165	212788	38.28	ng	# 86
57) Fluorene	10.37	166	774112	44.79	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	166246	42.96	ng	95
59) Diethylphthalate	10.25	149	829961	45.55	ng	98
60) 4-Chlorophenyl-phenylether	10.36	204	346310	41.71	ng	89
61) 4-Nitroaniline	10.41	138	223929	45.75	ng	95
62) Azobenzene	10.52	77	907328	48.20	ng	96
64) 4,6-Dinitro-2-methylphenol	10.44	198	80265	30.38	ng	# 51
65) n-Nitrosodiphenylamine	10.49	169	673364	46.90	ng	99
66) 4-Bromophenyl-phenylether	10.85	248	201088	42.82	ng	# 86
67) Hexachlorobenzene	10.92	284	187505	40.41	ng	96
68) Atrazine	11.01	200	195899	42.52	ng	99
69) Pentachlorophenol	11.13	266	70100	33.83	ng	97
70) Phenanthrene	11.33	178	1034918	40.19	ng	99
71) Anthracene	11.38	178	997892	38.59	ng	99
72) Carbazole	11.54	167	967308	39.13	ng	99
73) Di-n-butylphthalate	11.87	149	1190532	44.53	ng	# 97
74) Fluoranthene	12.52	202	897146	33.78	ng	93
76) Benzidine	12.65	184	755090	60.15	ng	98
77) Pyrene	12.75	202	889612	40.35	ng	98
79) Butylbenzylphthalate	13.36	149	380390	42.49	ng	96
80) Benzo(a)anthracene	13.94	228	693105	38.47	ng	99
81) 3,3'-Dichlorobenzidine	13.89	252	253642	39.49	ng	98
82) Chrysene	13.97	228	696973	41.32	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	534505	43.66	ng	99
84) Di-n-octyl phthalate	14.53	149	860031	43.14	ng	98
85) Indeno(1,2,3-cd)pyrene	16.74	276	637526	48.79	ng	# 93
87) Benzo(b)fluoranthene	14.99	252	1328083	71.44	ng	# 96
88) Benzo(k)fluoranthene	14.99	252	1328083	82.74	ng	97
89) Benzo(a)pyrene	15.31	252	654201	40.68	ng	97
90) Dibenzo(a,h)anthracene	16.75	278	558263	42.95	ng	97
91) Benzo(g,h,i)perylene	17.15	276	545540	41.55	ng	# 89

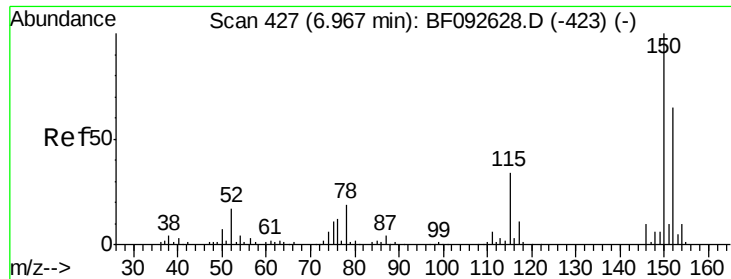
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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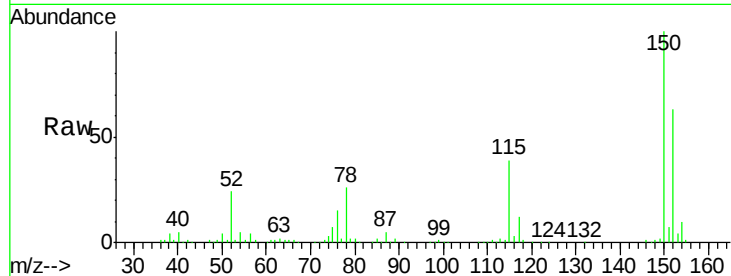




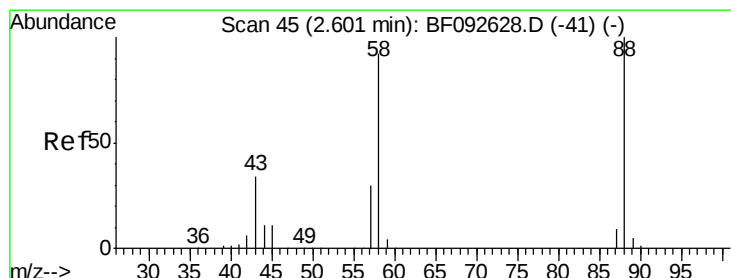
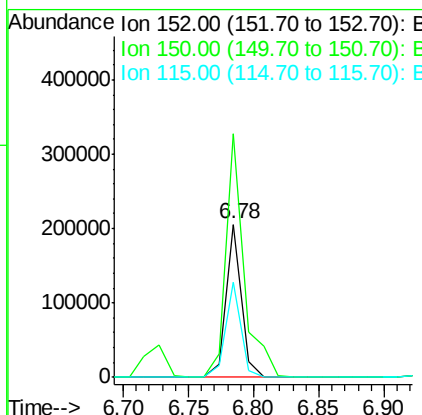
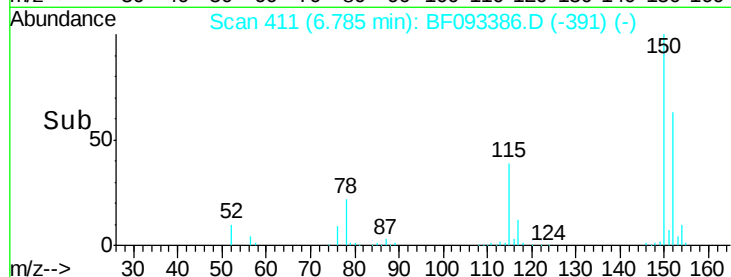
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:152 Resp: 168772
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.9 187.3
 115 62.0 46.0 69.0

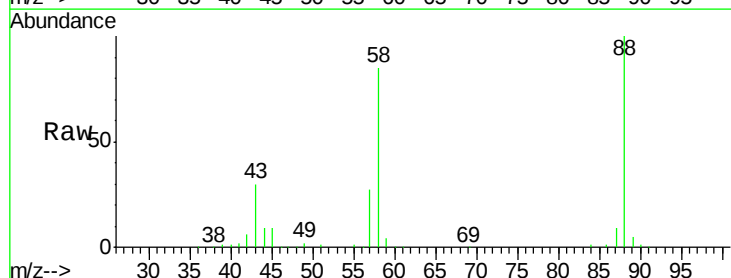


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

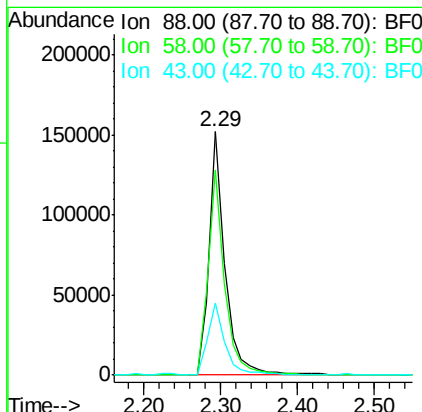
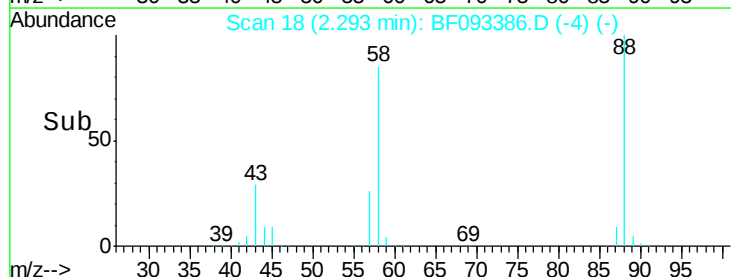


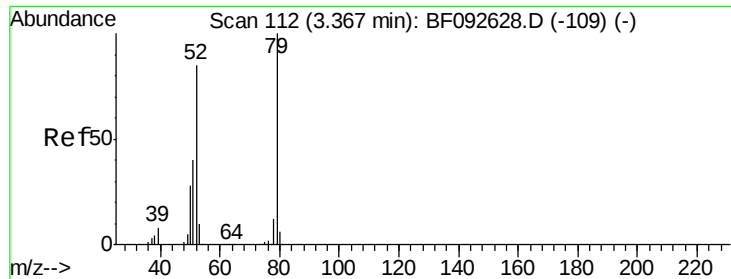
#2
 1,4-Dioxane
 Concen: 41.20 ng
 RT: 2.29 min Scan# 18
 Delta R.T. -0.14 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion: 88 Resp: 218975
 Ion Ratio Lower Upper
 88 100
 58 87.3 57.8 86.8#
 43 31.7 22.3 33.5



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

Pyridine

Concen: 46.02 ng

RT: 2.99 min Scan# 79

Delta R.T. -0.16 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

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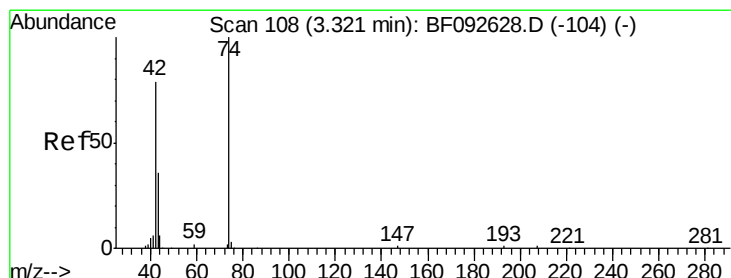
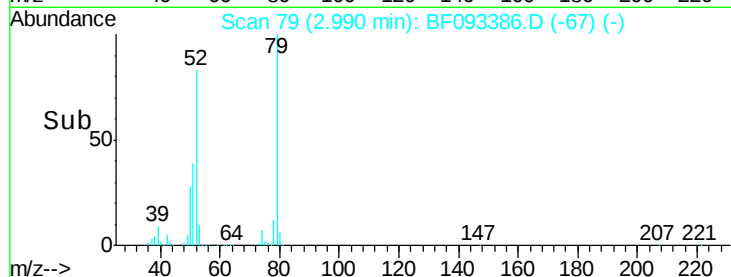
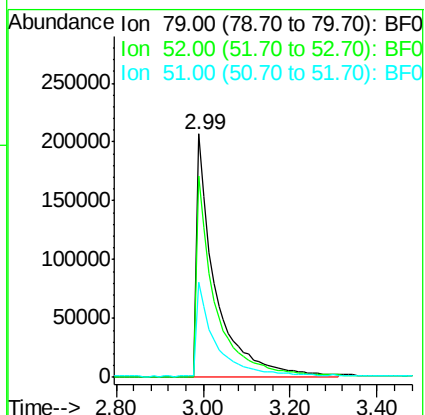
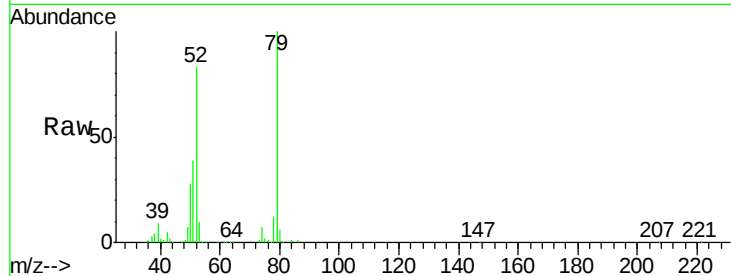
Tgt Ion: 79 Resp: 622090

Ion Ratio Lower Upper

79 100

52 82.9 57.1 85.7

51 39.2 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 45.10 ng

RT: 2.96 min Scan# 76

Delta R.T. -0.15 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

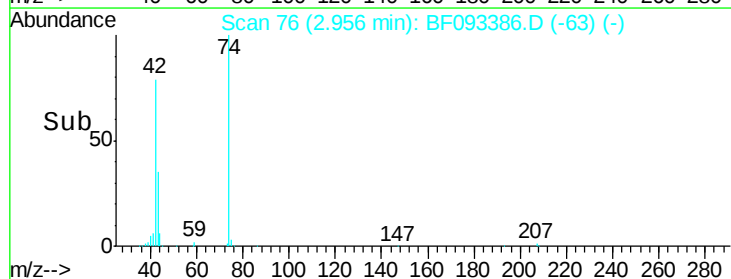
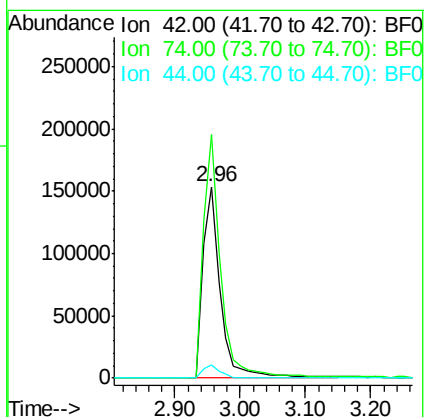
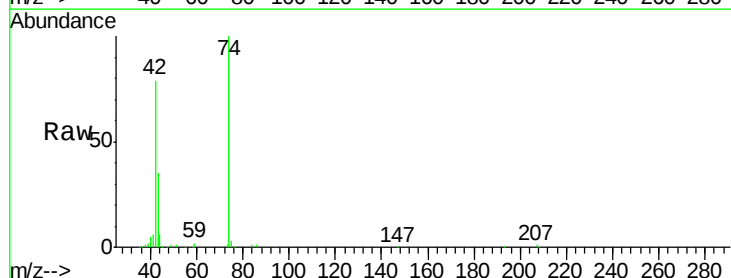
Tgt Ion: 42 Resp: 286246

Ion Ratio Lower Upper

42 100

74 127.3 117.0 175.4

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 84.44 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.08 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

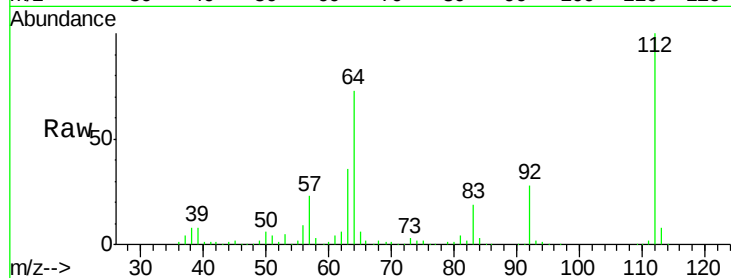
Tgt Ion: 112 Resp: 830656

Ion Ratio Lower Upper

112 100

64 73.1 46.1 69.1#

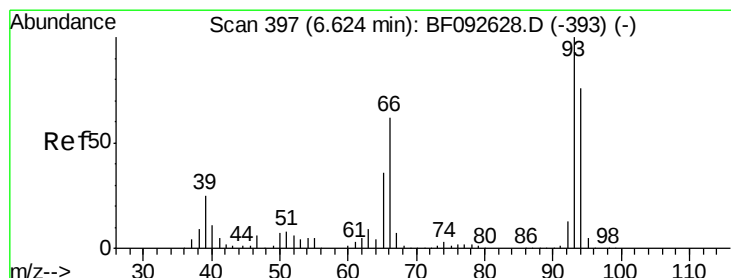
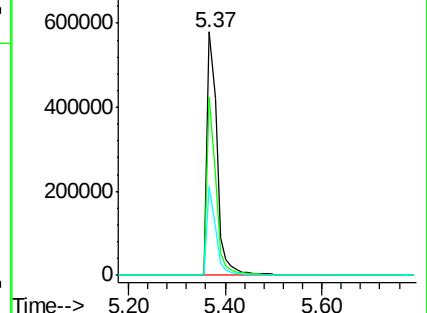
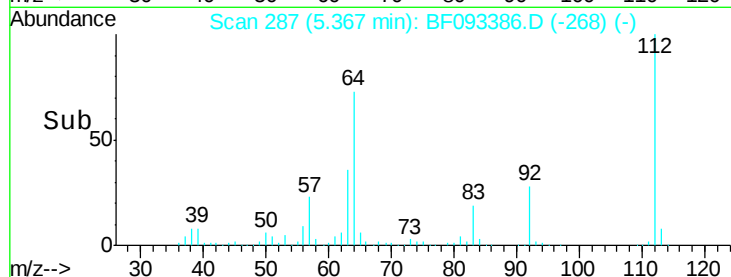
63 36.4 23.8 35.6#



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: 38.90 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

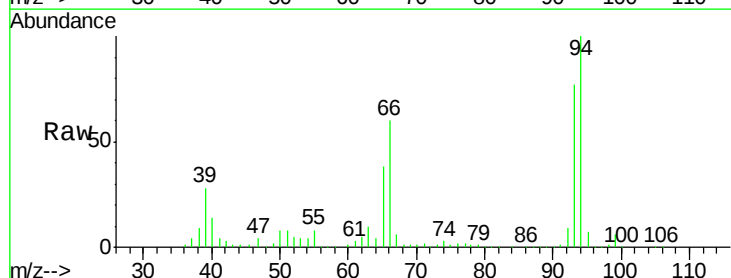
Tgt Ion: 93 Resp: 671632

Ion Ratio Lower Upper

93 100

66 78.2 76.2 114.2

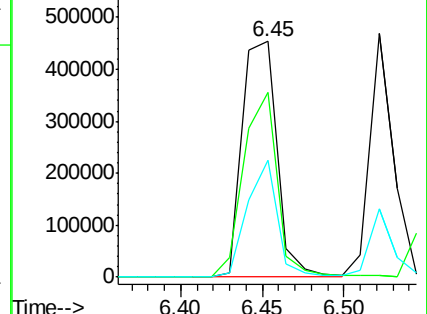
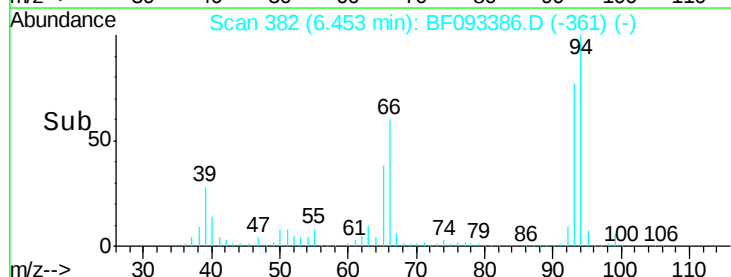
65 49.7 49.3 73.9

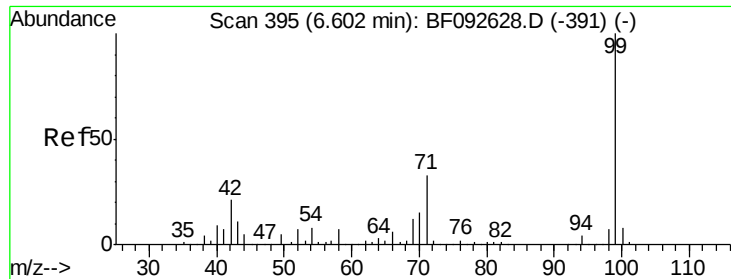


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.74 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

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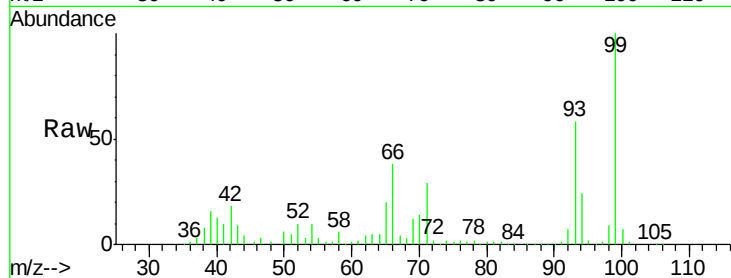
Tgt Ion: 99 Resp: 1022014

Ion Ratio Lower Upper

99 100

42 17.6 15.6 23.4

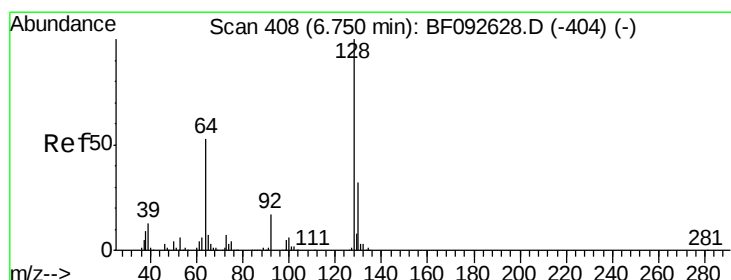
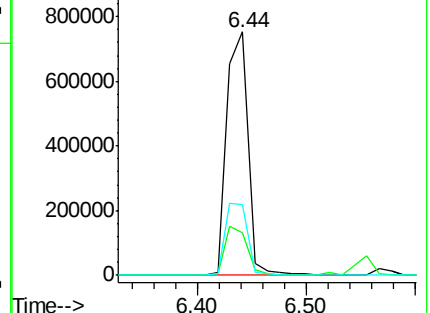
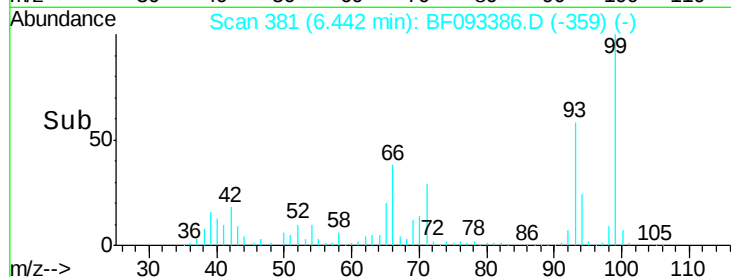
71 28.8 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.30 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

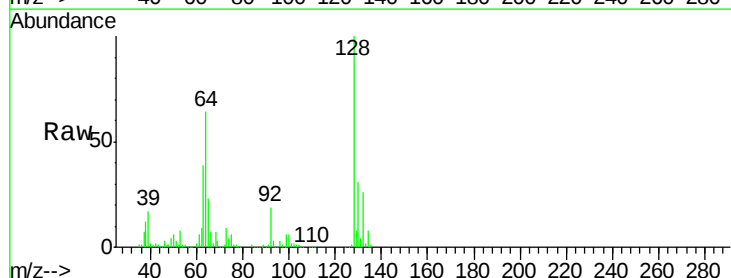
Tgt Ion: 128 Resp: 437416

Ion Ratio Lower Upper

128 100

130 31.1 12.3 52.3

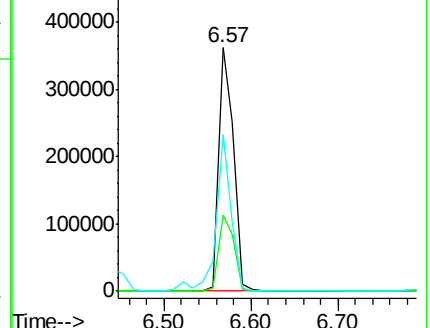
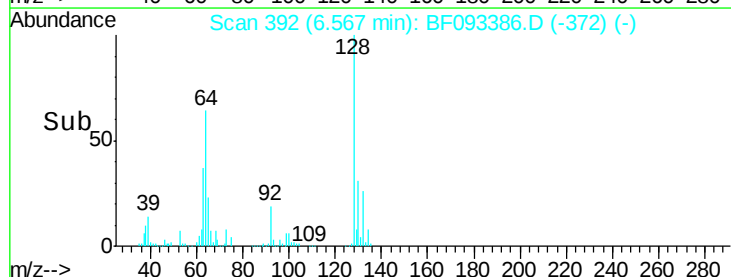
64 64.4 32.2 72.2

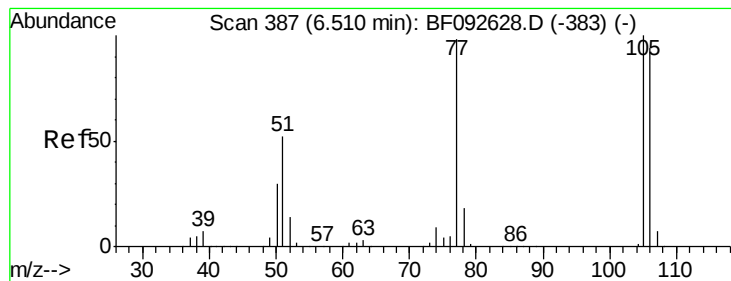


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.74 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.07 min

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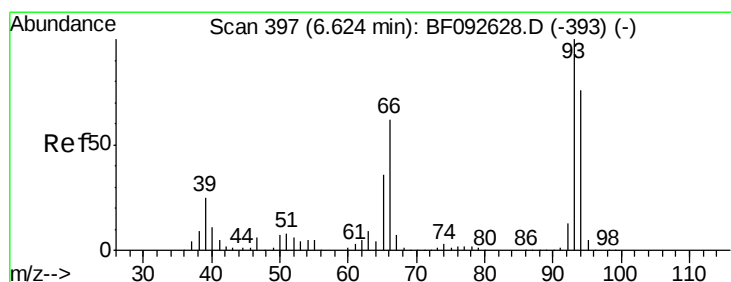
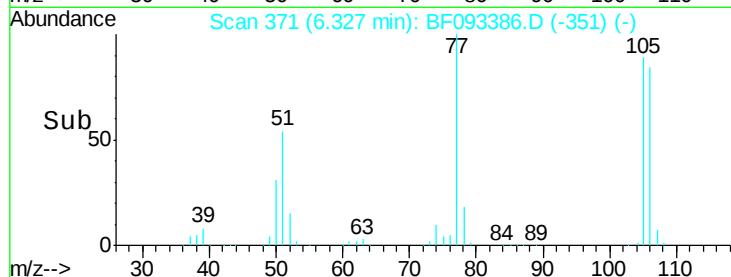
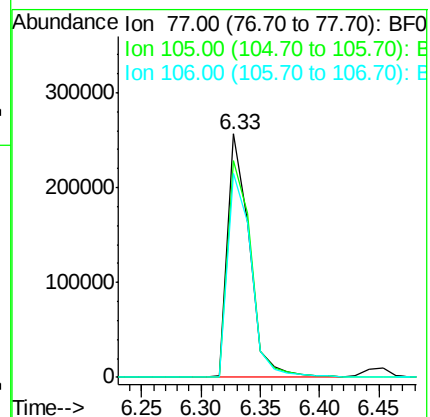
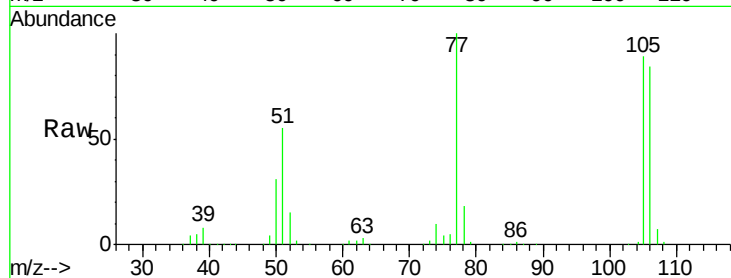
Tgt Ion: 77 Resp: 324124

Ion Ratio Lower Upper

77 100

105 89.0 83.9 123.9

106 83.8 77.6 117.6



#10

Phenol

Concen: 40.36 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

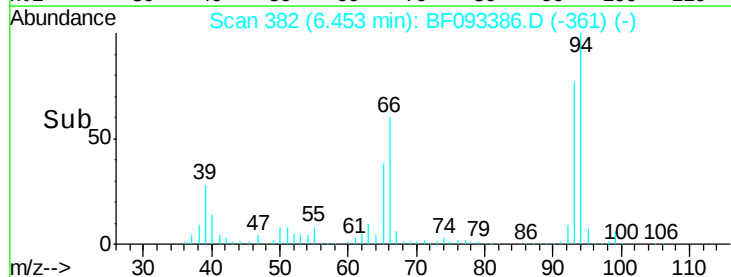
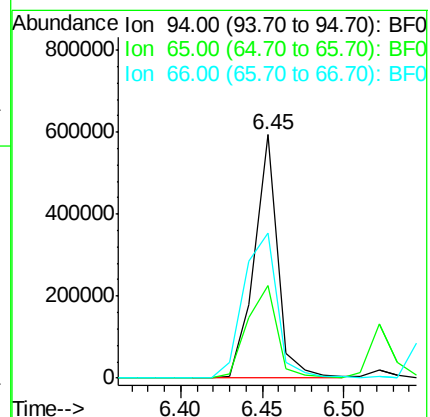
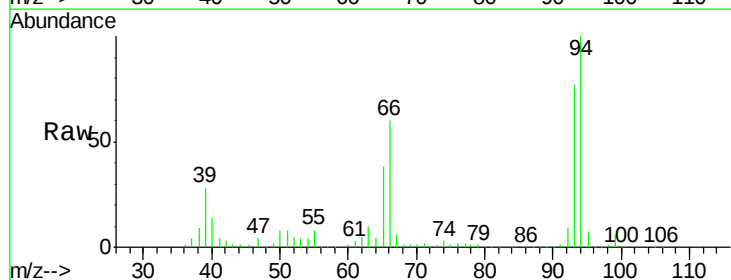
Tgt Ion: 94 Resp: 597691

Ion Ratio Lower Upper

94 100

65 38.0 21.4 61.4

66 59.8 44.0 84.0

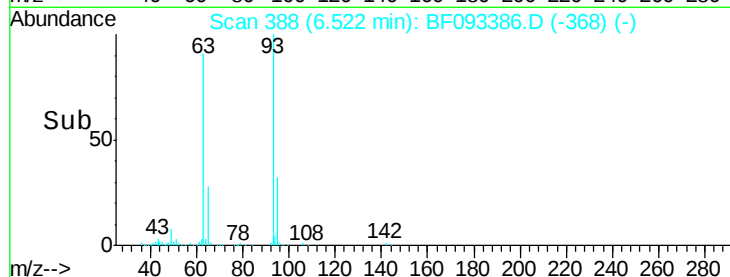
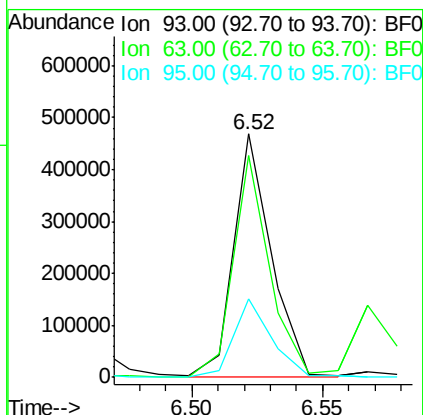
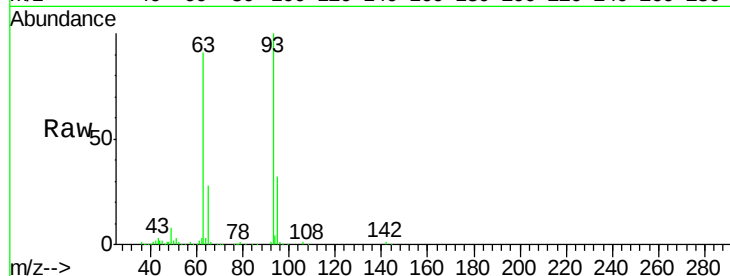




#11
bis(2-Chloroethyl)ether
Concen: 40.14 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

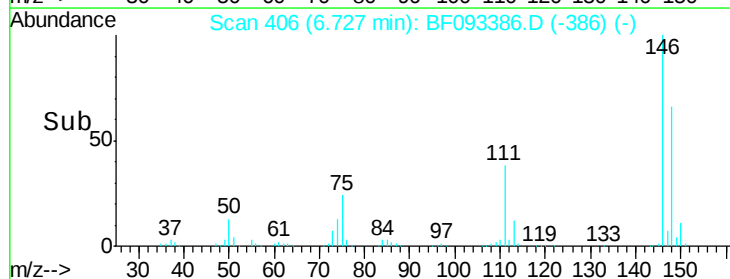
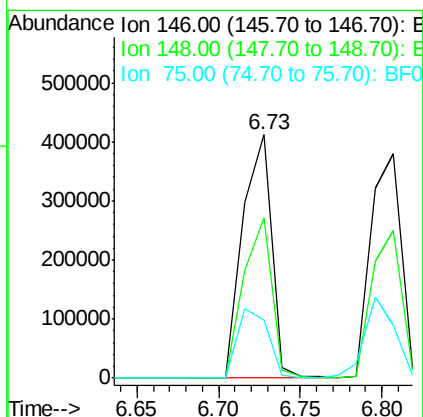
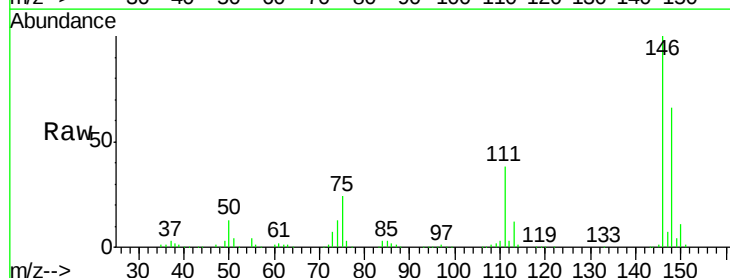
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

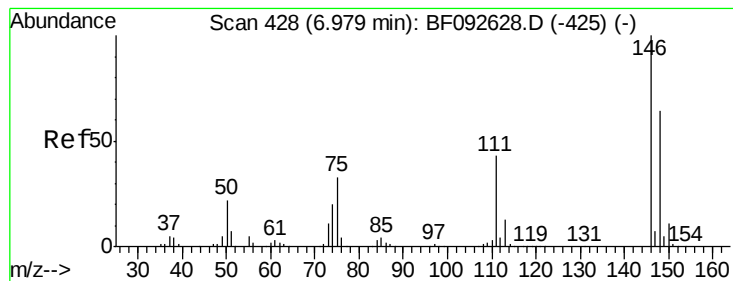
Tgt Ion: 93 Resp: 474511
Ion Ratio Lower Upper
93 100
63 91.2 60.4 100.4
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.63 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion: 146 Resp: 503709
Ion Ratio Lower Upper
146 100
148 65.9 53.4 80.0
75 23.7 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 39.15 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.15 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

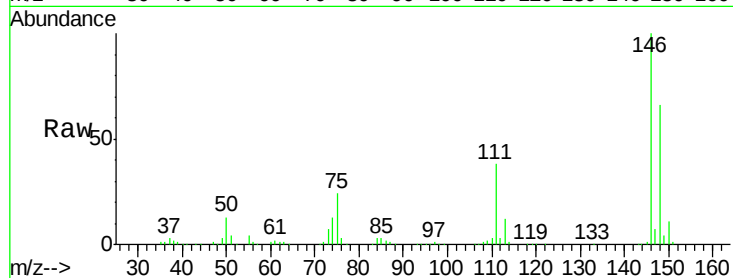
Tgt Ion:146 Resp: 503709

Ion Ratio Lower Upper

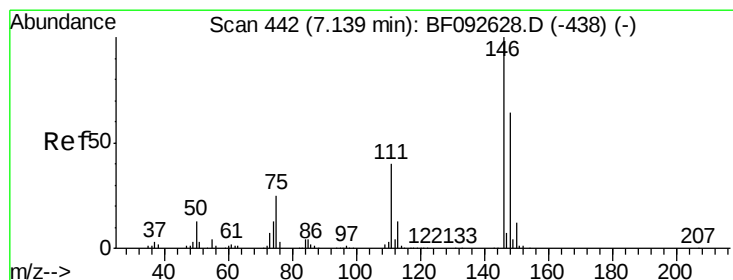
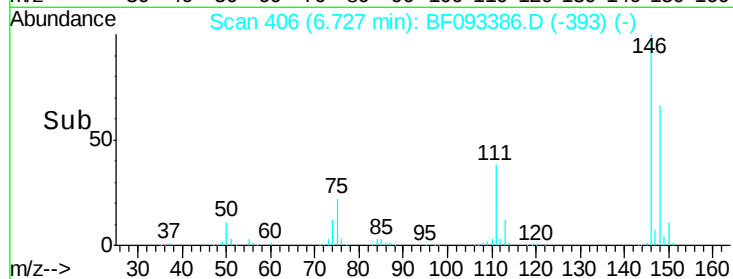
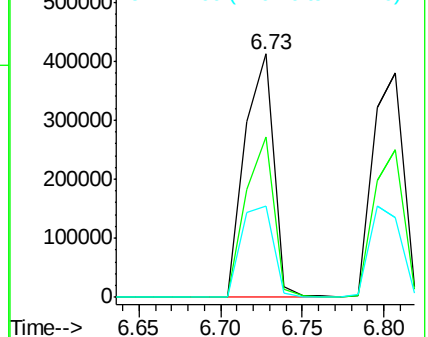
146 100

148 65.9 50.6 76.0

111 37.7 36.2 54.4



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



#14

1,2-Dichlorobenzene

Concen: 38.88 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

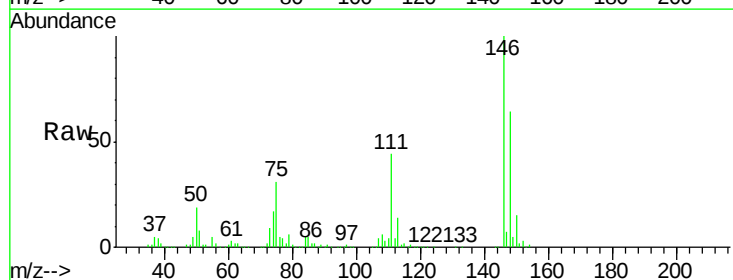
Tgt Ion:146 Resp: 478337

Ion Ratio Lower Upper

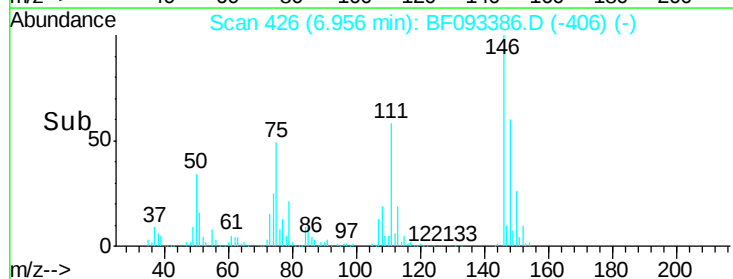
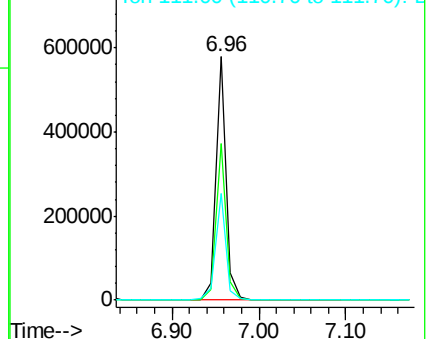
146 100

148 64.3 52.2 78.2

111 43.5 36.2 54.2



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: 37.30 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.06 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

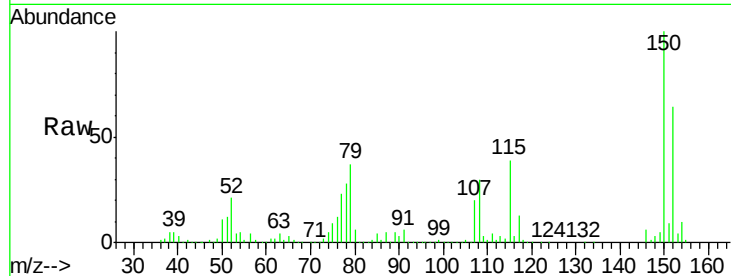
Tgt Ion: 79 Resp: 349505

Ion Ratio Lower Upper

79 100

108 81.6 61.4 92.0

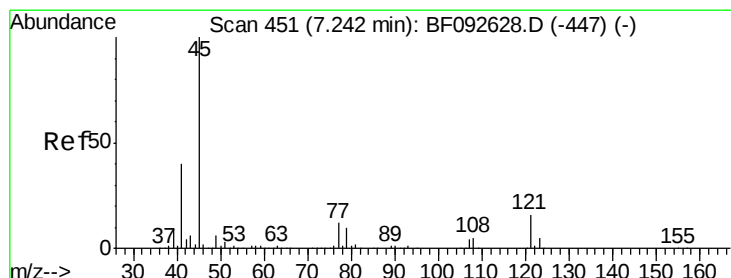
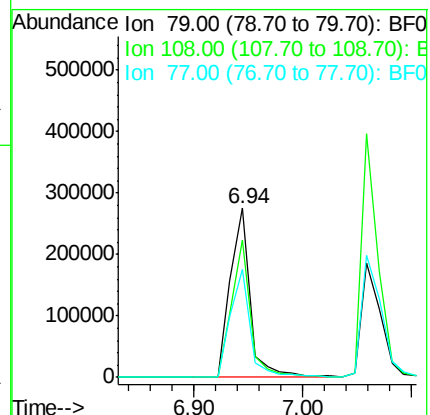
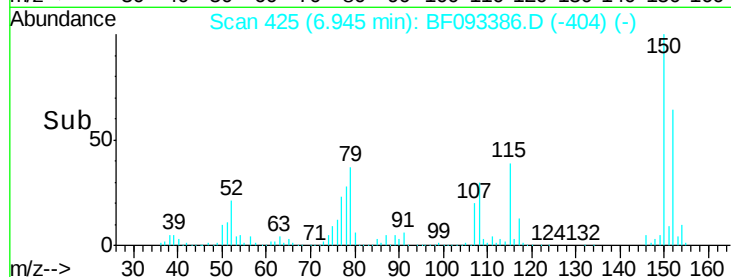
77 63.7 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.90 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

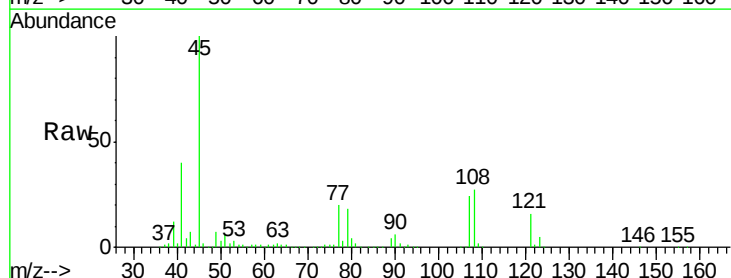
Tgt Ion: 45 Resp: 798823

Ion Ratio Lower Upper

45 100

77 20.5 0.0 34.6

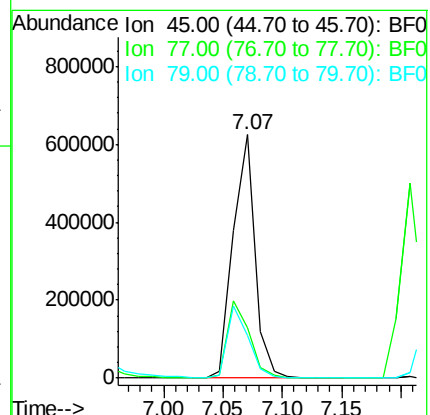
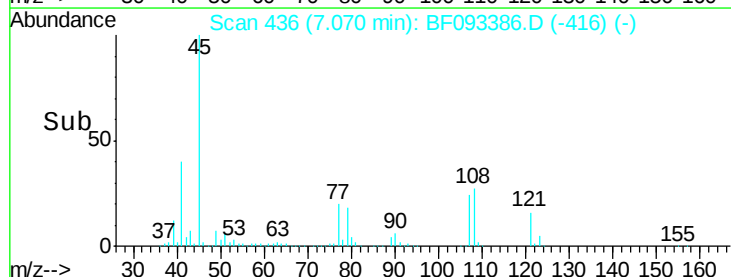
79 17.7 0.0 31.2

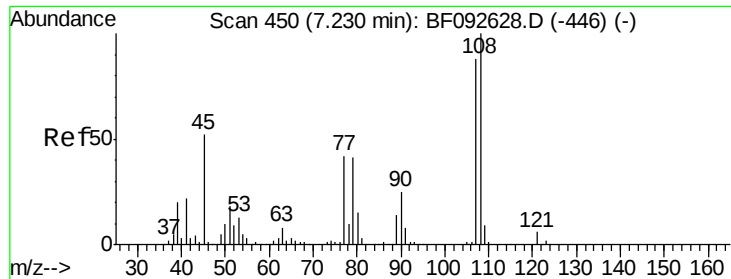


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

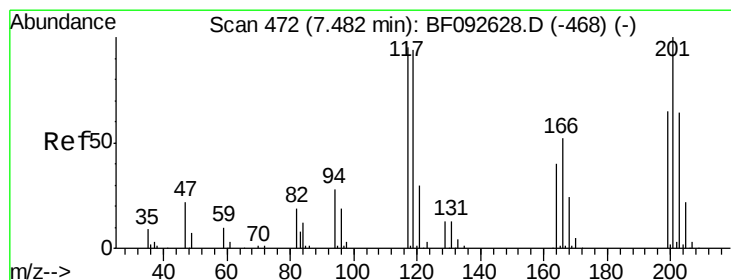
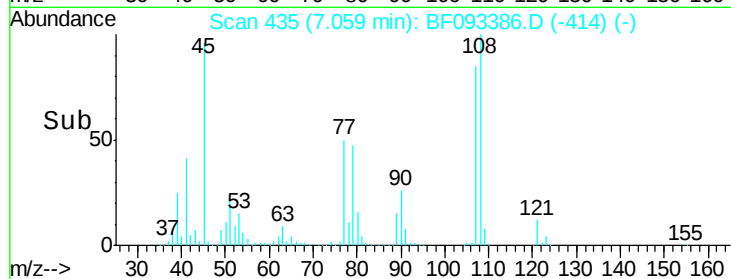
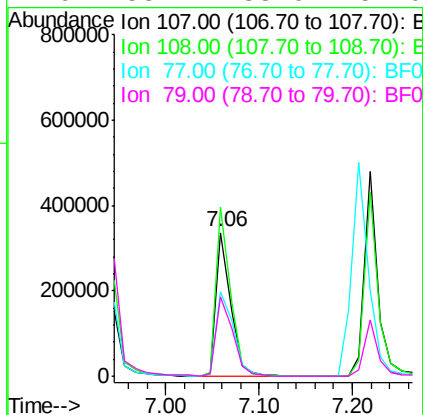
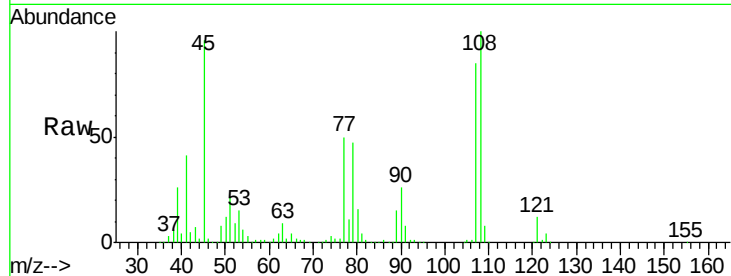




#17
2-Methylphenol
Concen: 38.92 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.06 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

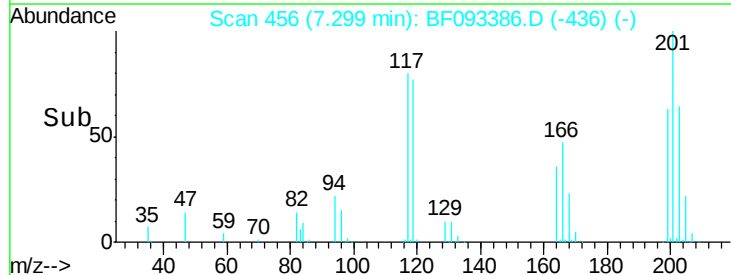
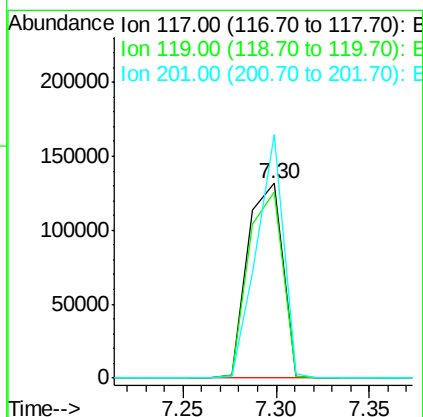
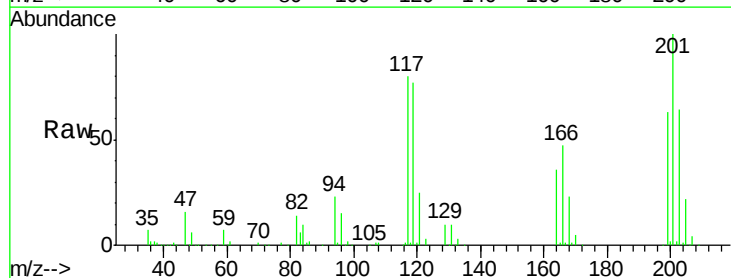
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

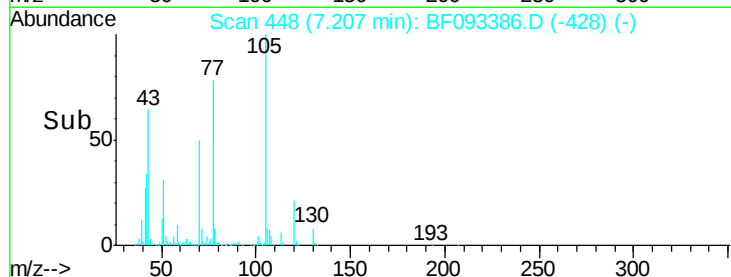
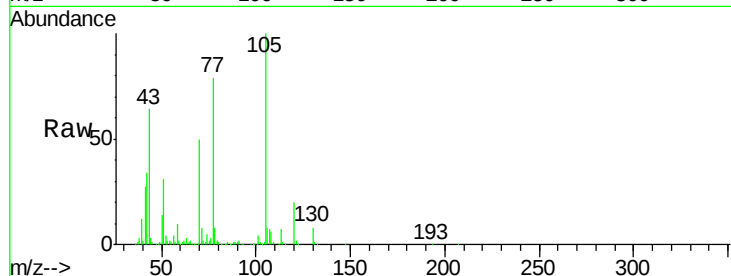
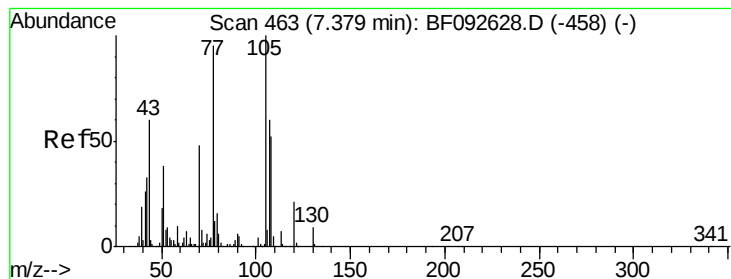
Tgt Ion:	107	Resp:	362406
Ion	Ratio	Lower	Upper
107	100		
108	117.5	93.0	139.6
77	58.9	39.8	59.8
79	55.4	38.0	57.0



#18
Hexachloroethane
Concen: 38.87 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion:	117	Resp:	170702
Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.1	117.1
201	125.0	78.6	117.8#





#19

n-Nitroso-di-n-propylamine

Concen: 38.44 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 309697

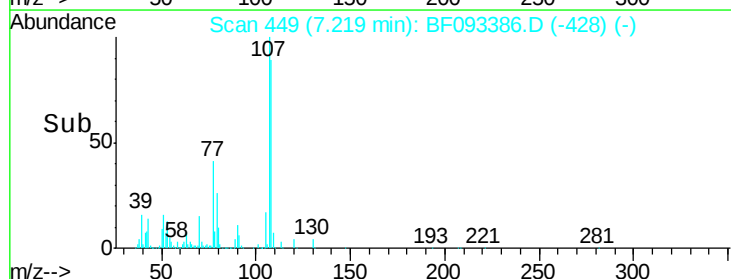
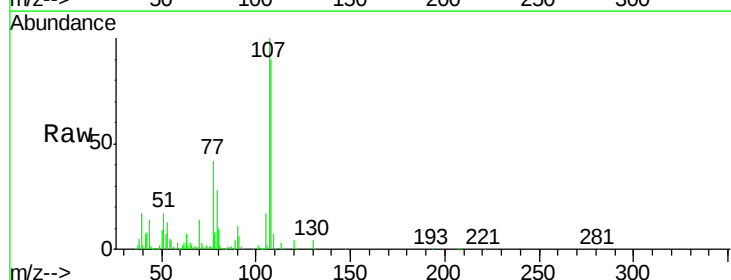
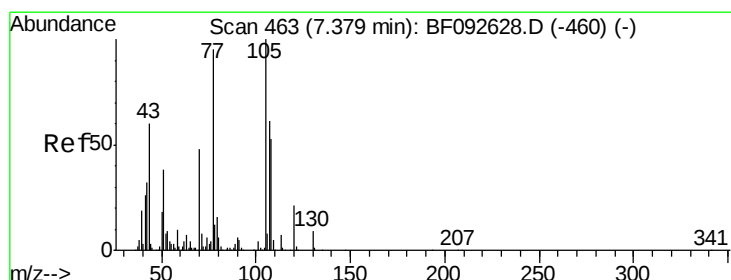
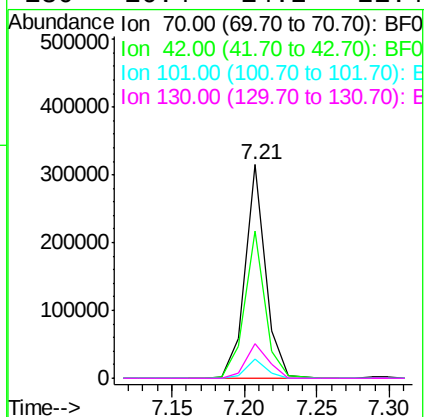
Ion Ratio Lower Upper

70 100

42 69.0 49.4 74.0

101 8.7 7.4 11.2

130 16.4 14.2 21.4



#20

3+4-Methylphenols

Concen: 43.92 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.06 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Tgt Ion: 107 Resp: 488923

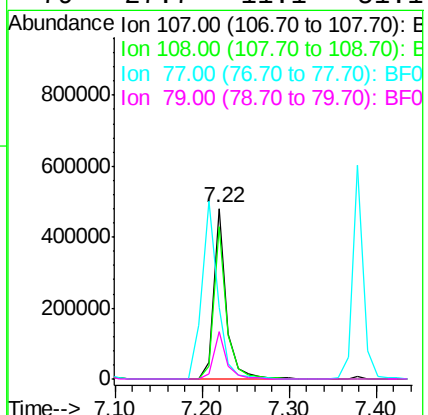
Ion Ratio Lower Upper

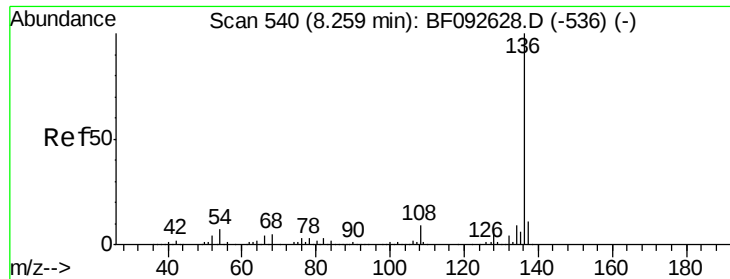
107 100

108 89.5 73.0 113.0

77 41.8 71.3 111.3#

79 27.7 11.1 51.1

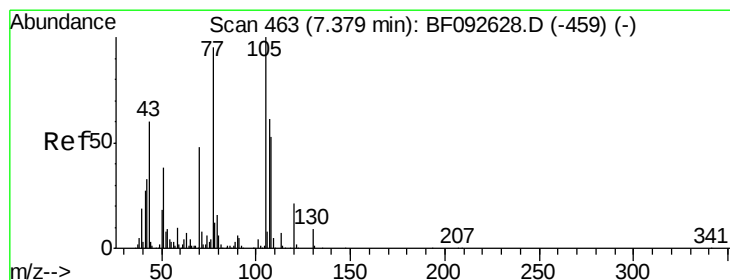
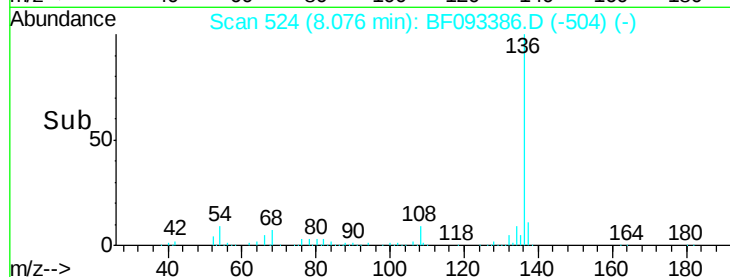
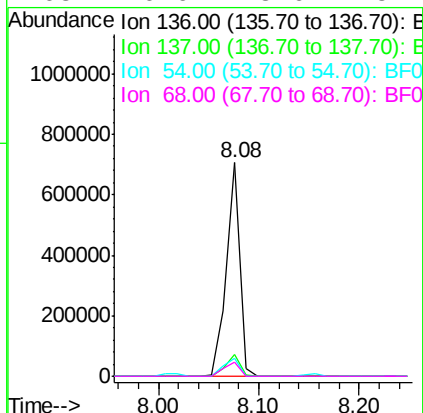
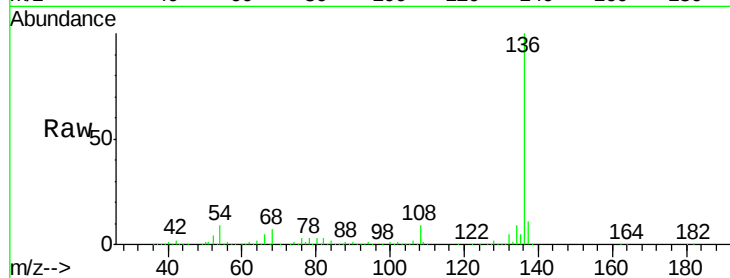




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

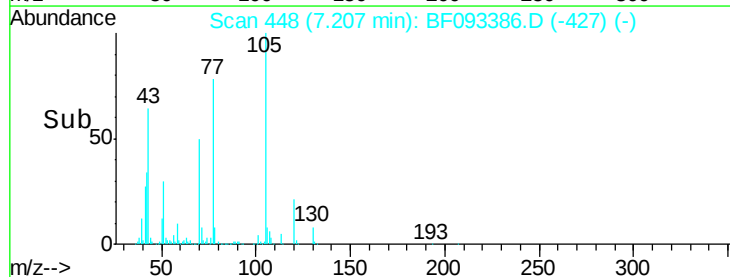
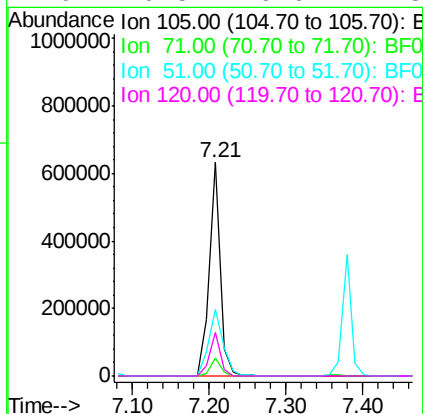
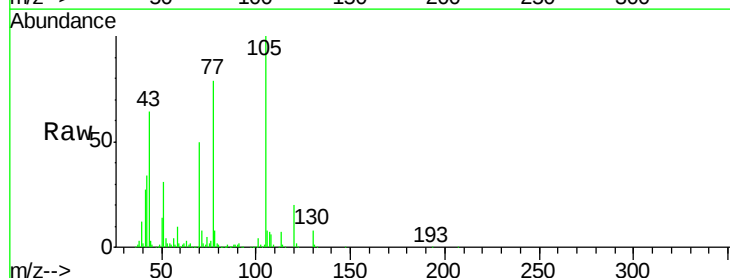
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

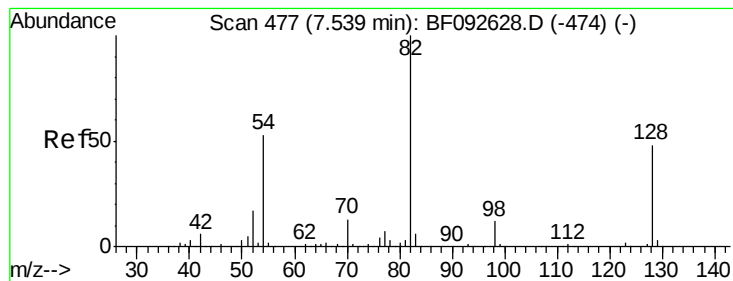
Tgt Ion:	136	Resp:	656330
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	8.6	4.5	6.7#
68	6.6	3.6	5.4#



#22
Acetophenone
Concen: 41.34 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.06 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion:	105	Resp:	619534
Ion	Ratio	Lower	Upper
105	100		
71	8.3	3.2	4.8#
51	31.2	26.2	39.4
120	20.5	16.6	24.8





#23

Nitrobenzene-d5

Concen: 80.72 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

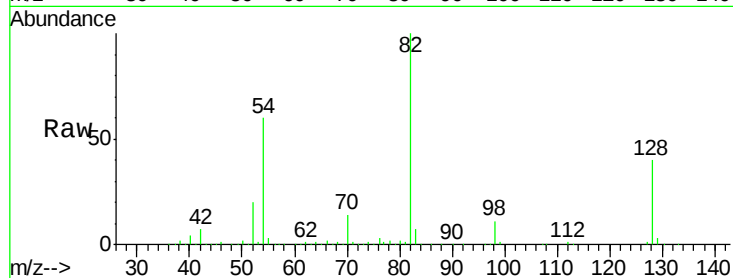
Tgt Ion: 82 Resp: 951400

Ion Ratio Lower Upper

82 100

128 40.0 34.6 52.0

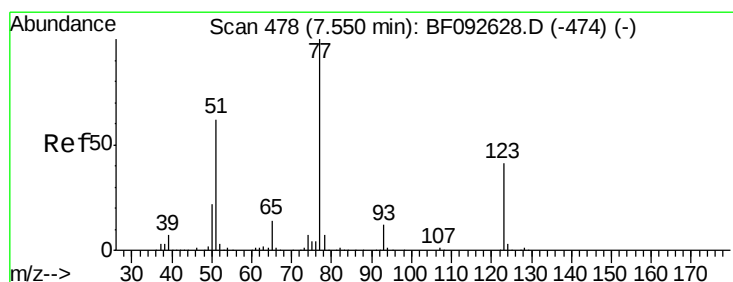
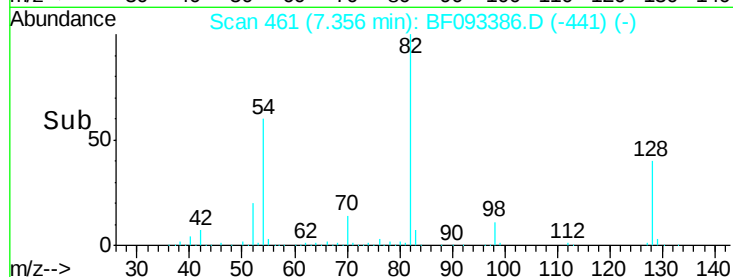
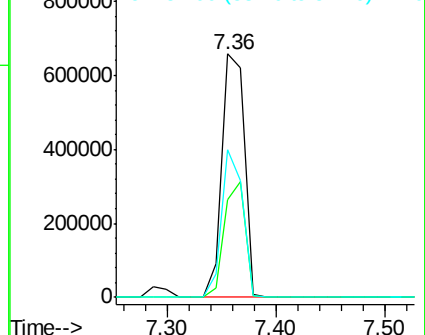
54 60.5 39.5 59.3#



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: 43.02 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

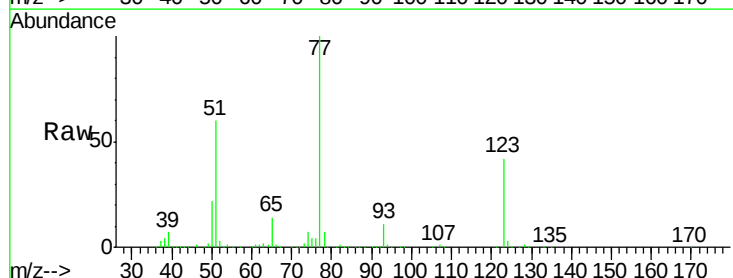
Tgt Ion: 77 Resp: 520595

Ion Ratio Lower Upper

77 100

123 42.2 33.0 49.4

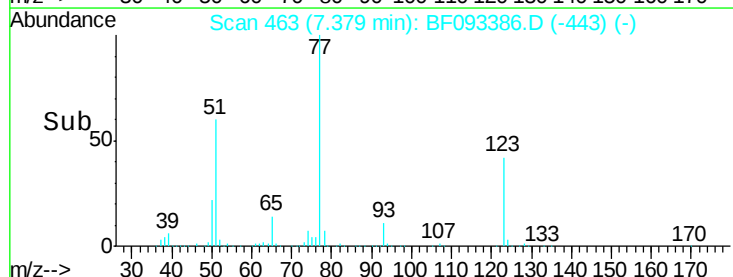
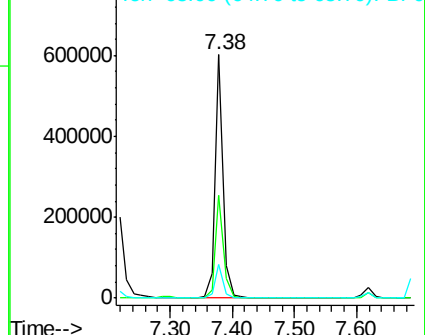
65 14.1 11.2 16.8

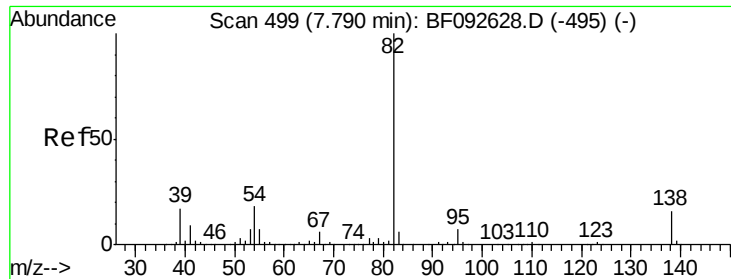


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.32 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

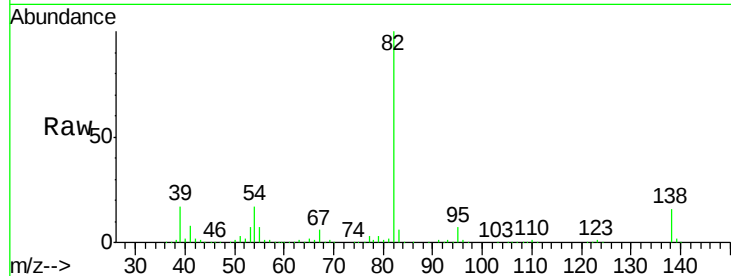
Tgt Ion: 82 Resp: 907467

Ion Ratio Lower Upper

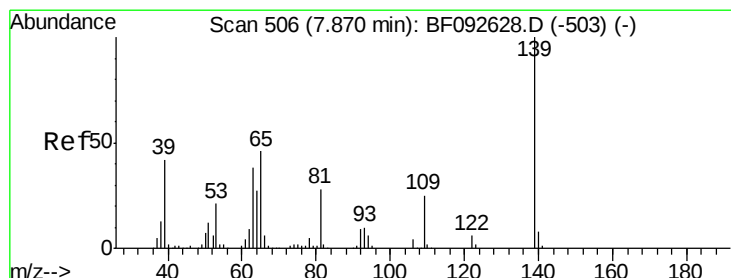
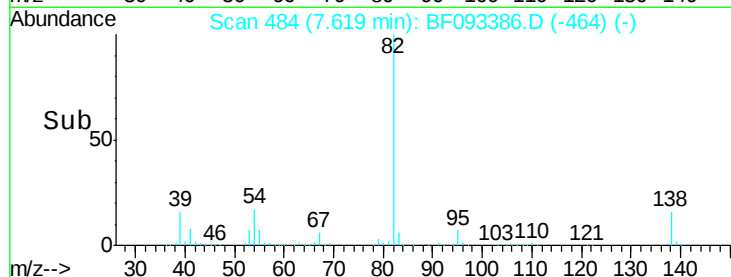
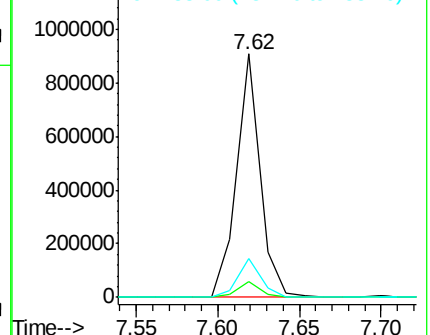
82 100

95 6.5 5.6 8.4

138 16.1 14.6 22.0



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: 42.48 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.06 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

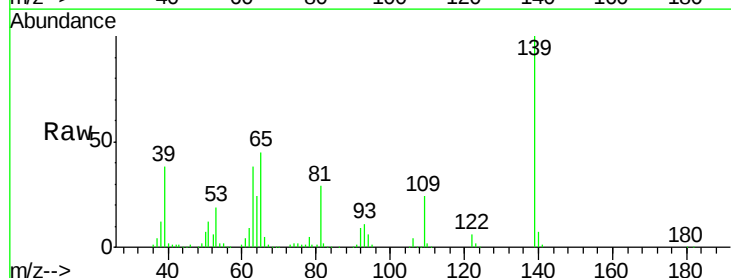
Tgt Ion: 139 Resp: 244397

Ion Ratio Lower Upper

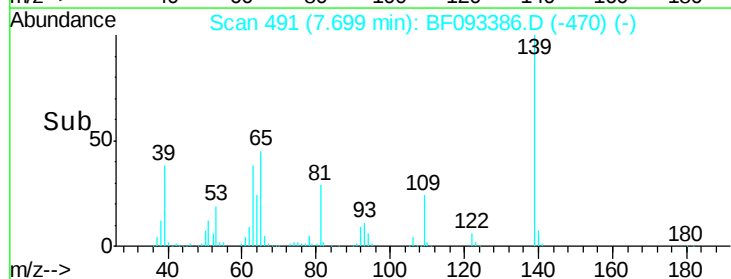
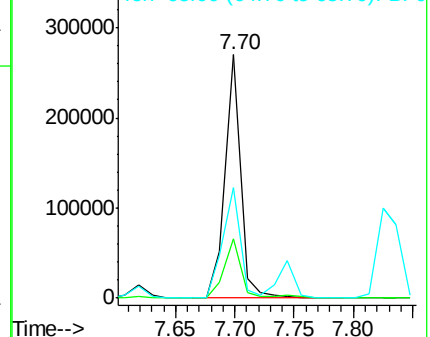
139 100

109 24.3 23.3 34.9

65 45.5 42.7 64.1



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

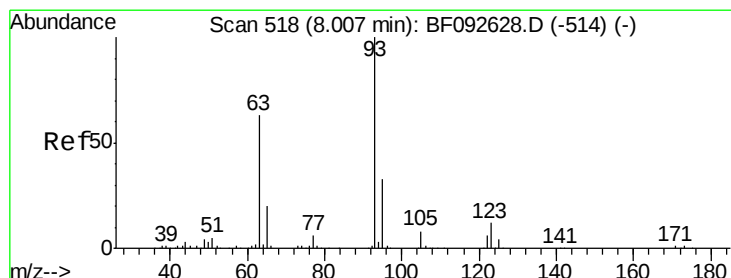
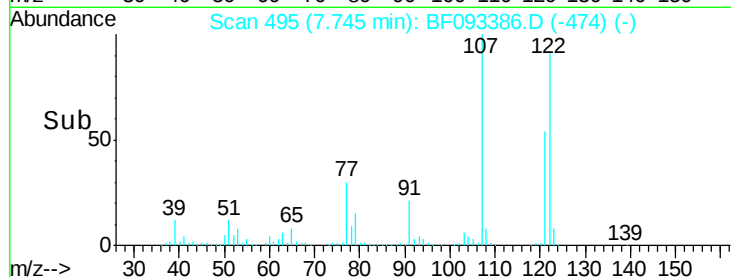
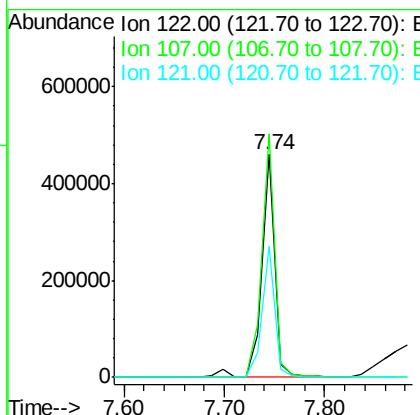
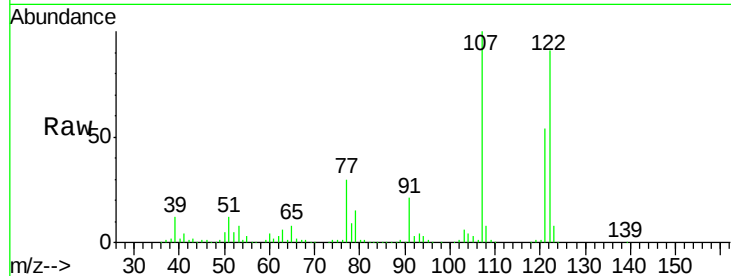




#27
2,4-Dimethylphenol
Concen: 41.24 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.06 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

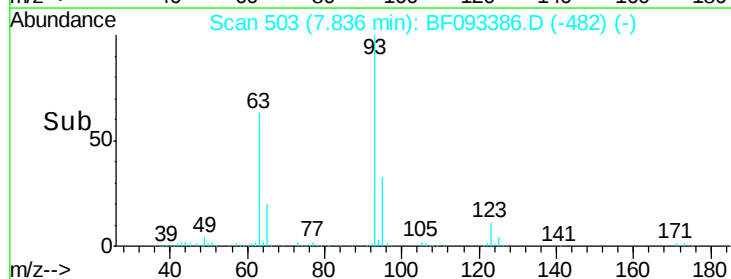
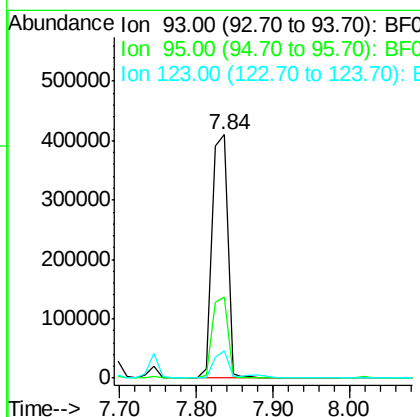
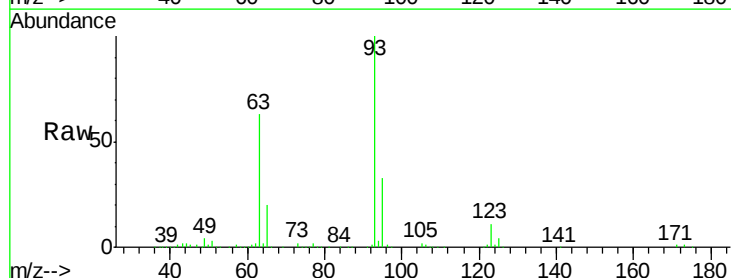
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

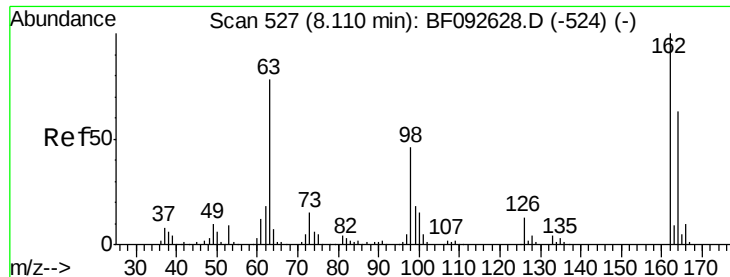
Tgt Ion:122 Resp: 416683
Ion Ratio Lower Upper
122 100
107 109.4 94.1 141.1
121 59.1 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.47 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.06 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion: 93 Resp: 574096
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 11.5 8.6 13.0

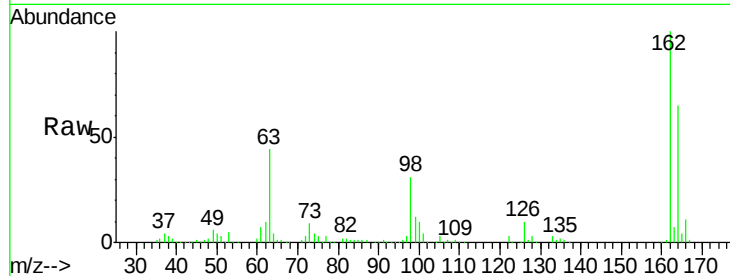




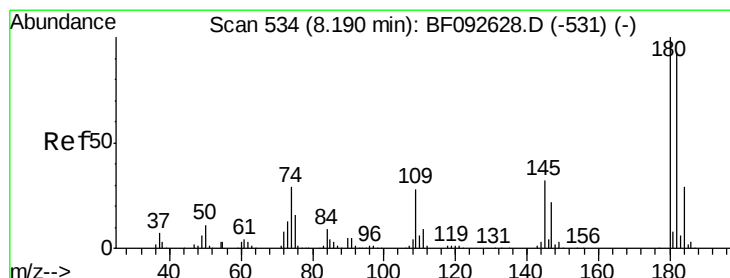
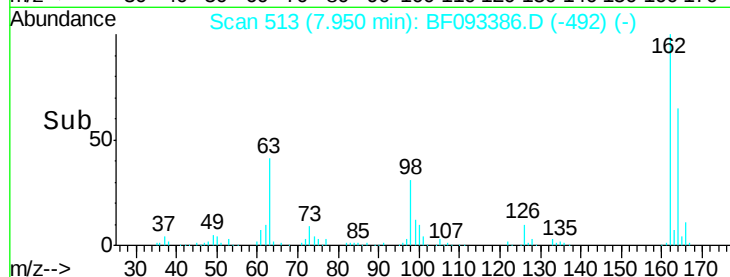
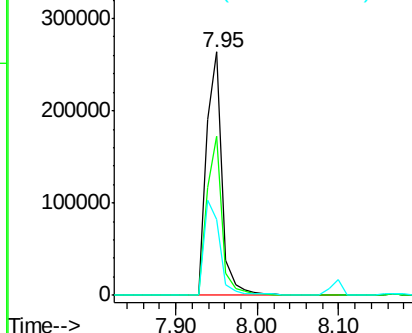
#29
 2,4-Dichlorophenol
 Concen: 37.85 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.06 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 356618
 Ion Ratio Lower Upper
 162 100
 164 65.2 46.8 86.8
 98 31.1 9.1 49.1

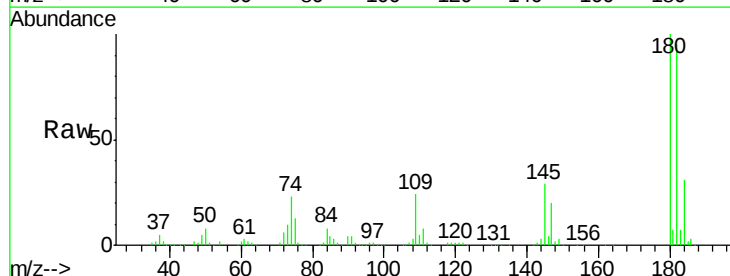


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

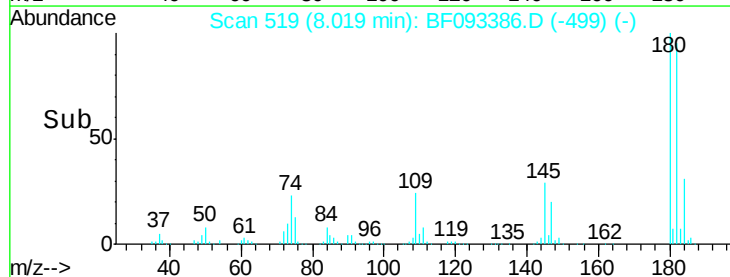
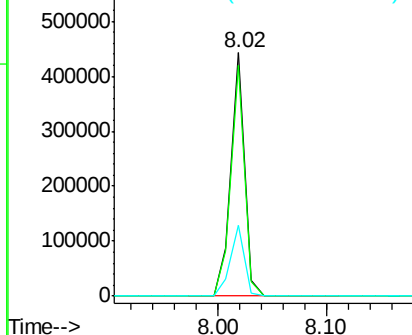


#30
 1,2,4-Trichlorobenzene
 Concen: 37.98 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion:180 Resp: 385678
 Ion Ratio Lower Upper
 180 100
 182 95.0 78.2 117.4
 145 29.3 21.6 32.4



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: 38.87 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

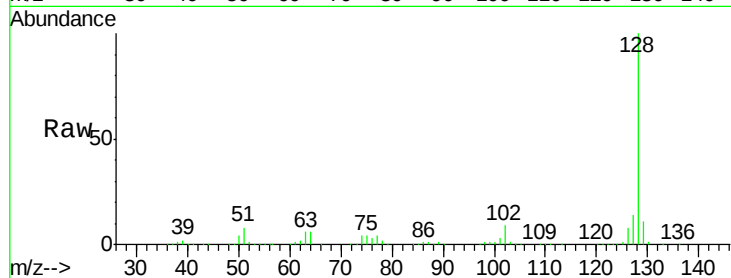
Tgt Ion:128 Resp: 1293258

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

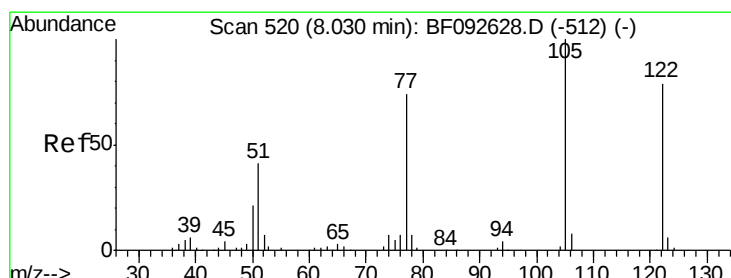
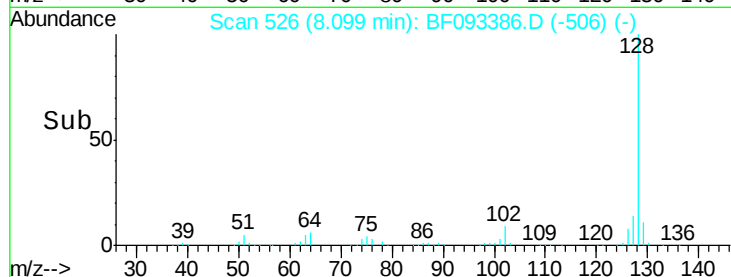
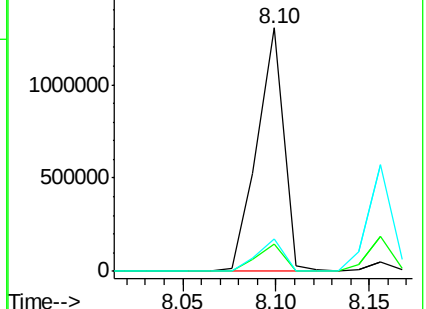
127 13.5 10.8 16.2



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: 36.67 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.05 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

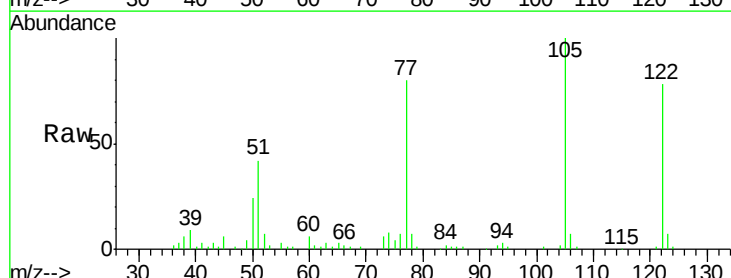
Tgt Ion:122 Resp: 198562

Ion Ratio Lower Upper

122 100

105 127.9 107.2 147.2

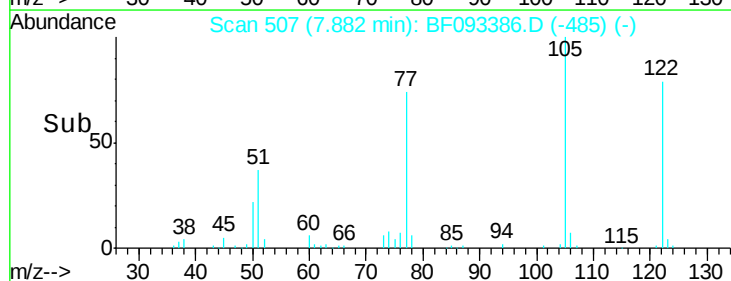
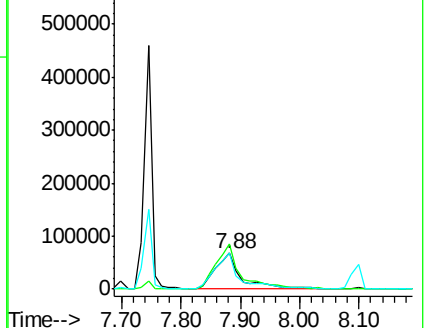
77 102.4 74.5 114.5



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

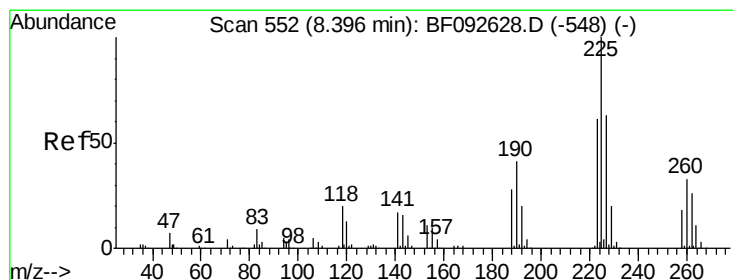
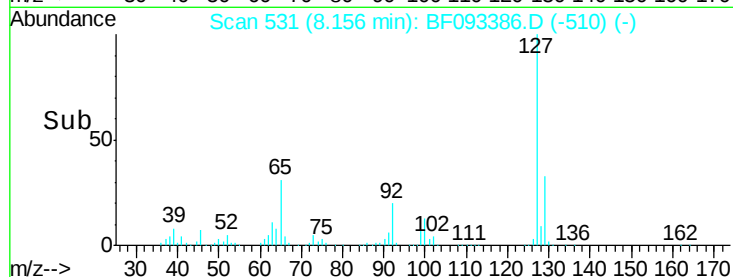
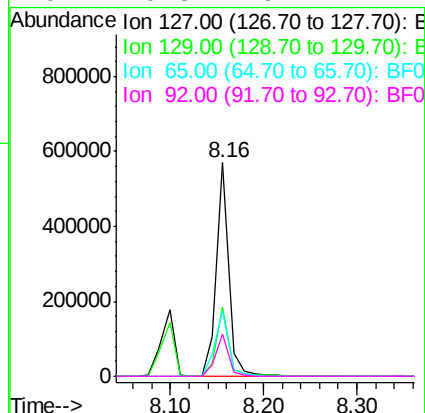
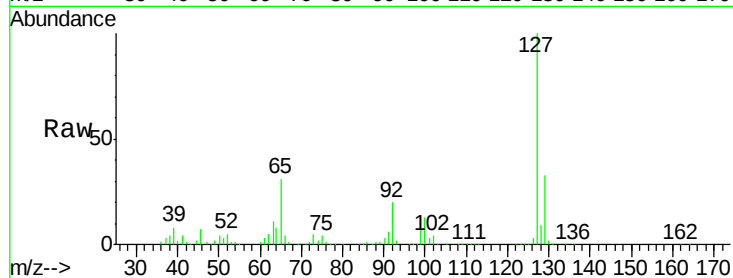




#33
 4-Chloroaniline
 Concen: 40.49 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.06 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

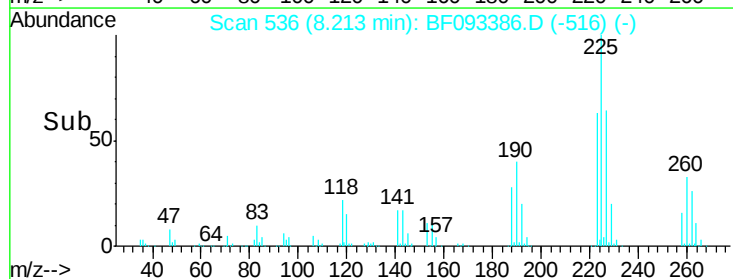
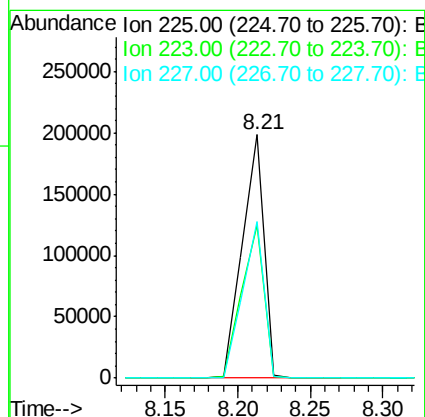
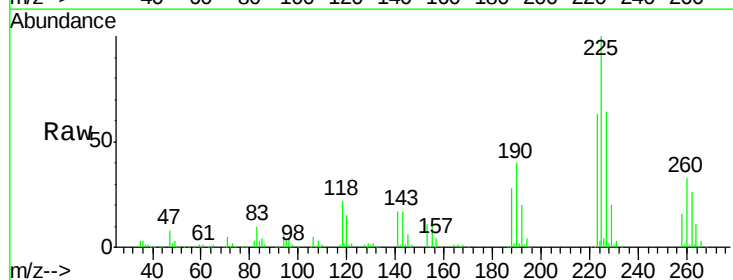
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

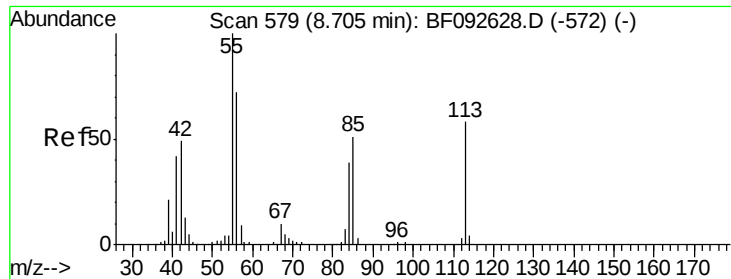
Tgt Ion:	127	Resp:	528381
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	30.7	25.8	38.8
92	19.8	16.1	24.1



#34
 Hexachlorobutadiene
 Concen: 37.02 ng
 RT: 8.21 min Scan# 536
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion:	225	Resp:	206811
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	64.4	50.6	76.0

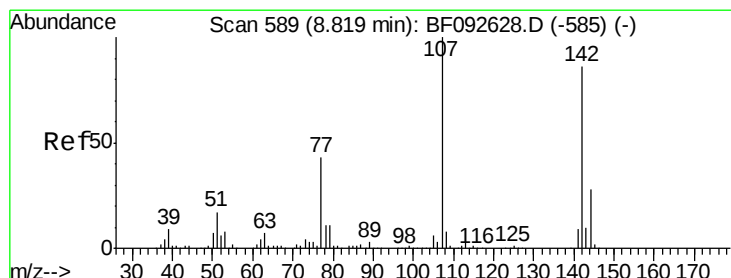
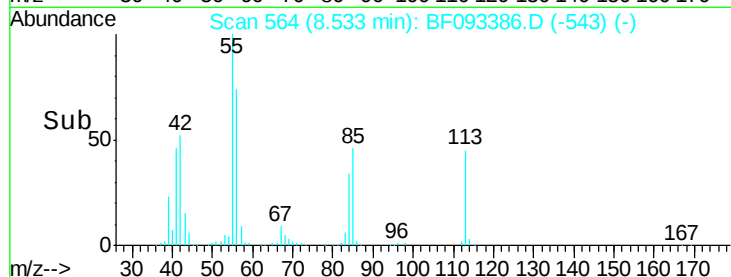
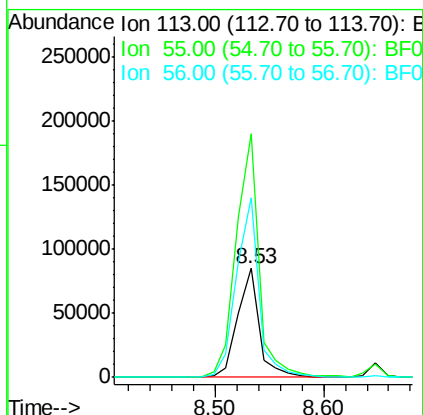
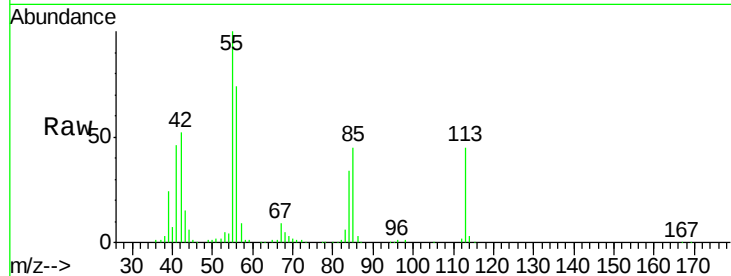




#35
 Caprolactam
 Concen: 39.35 ng
 RT: 8.53 min Scan# 564
 Delta R.T. -0.06 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

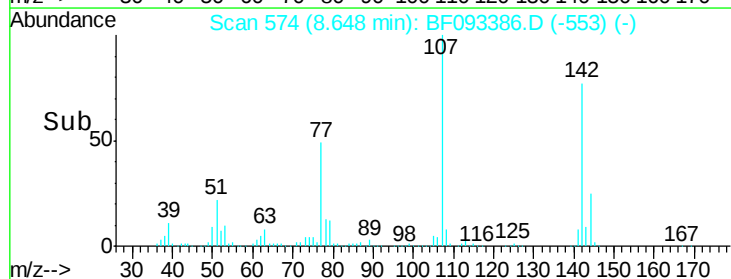
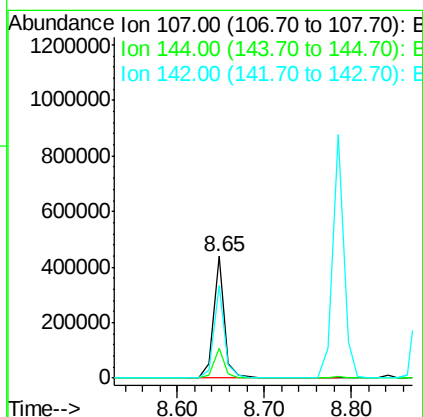
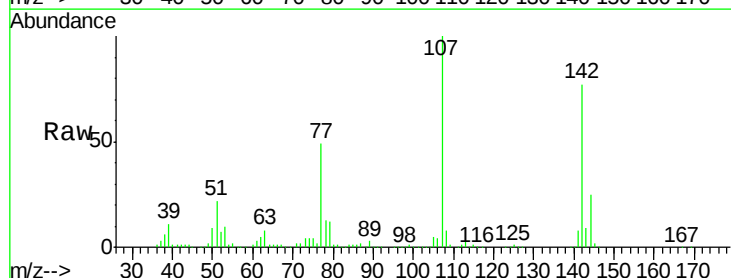
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

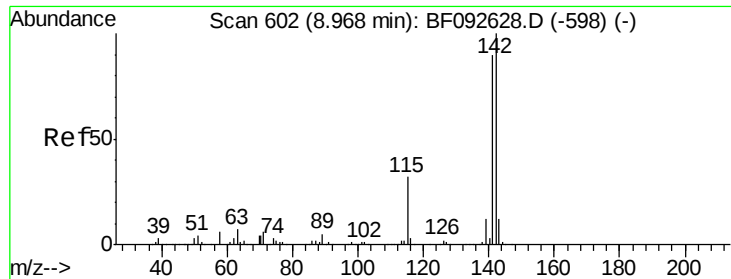
Tgt Ion:113 Resp: 116616
 Ion Ratio Lower Upper
 113 100
 55 223.6 119.2 159.2#
 56 165.3 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 39.52 ng
 RT: 8.65 min Scan# 574
 Delta R.T. -0.06 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion:107 Resp: 388246
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.3 28.9
 142 76.5 59.0 88.6

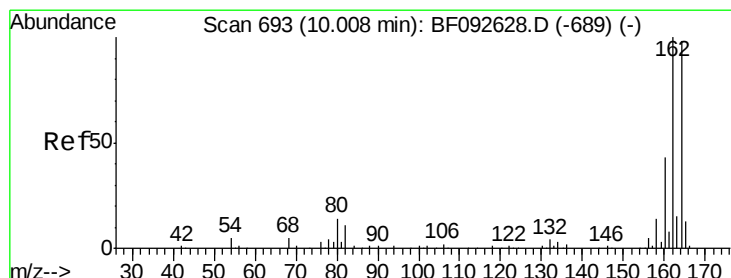
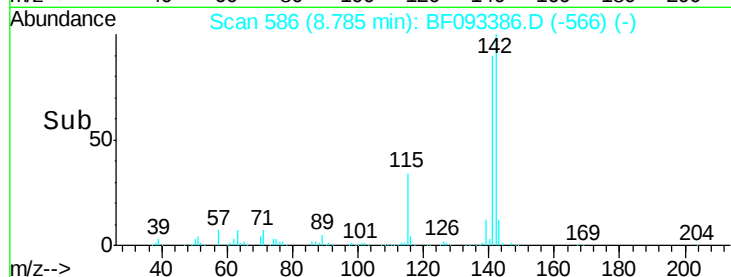
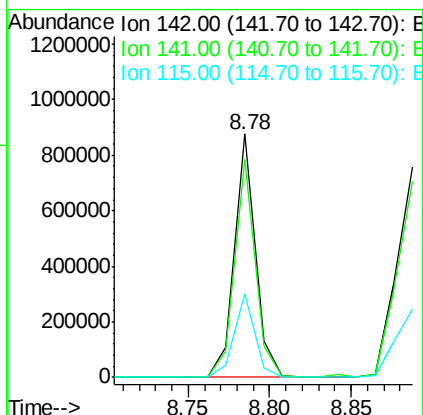
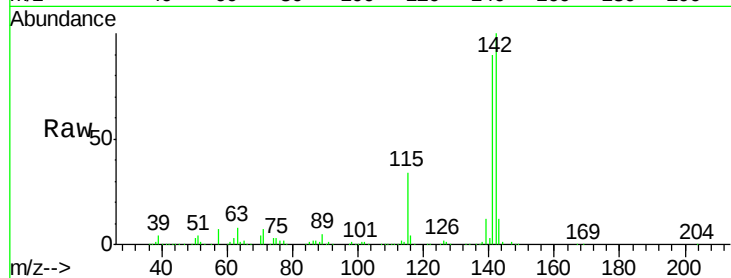




#37
2-Methylnaphthalene
Concen: 36.04 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

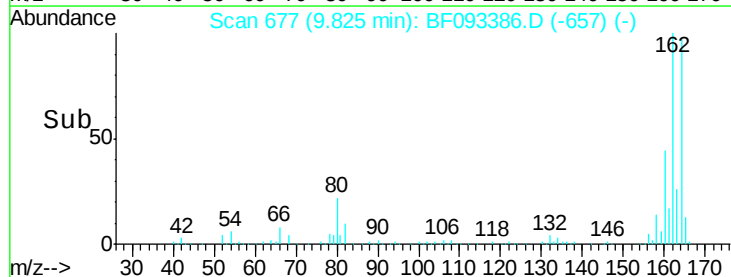
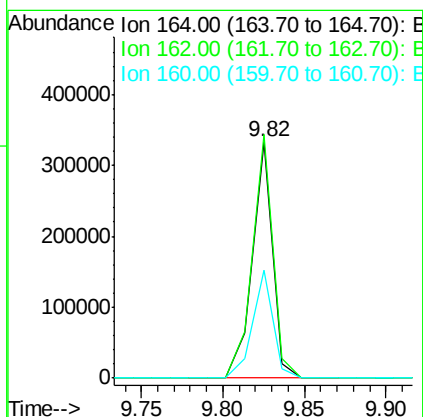
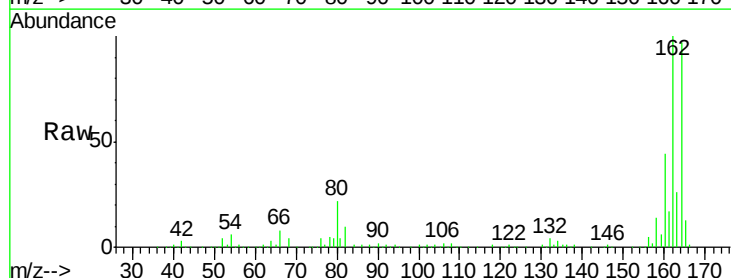
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

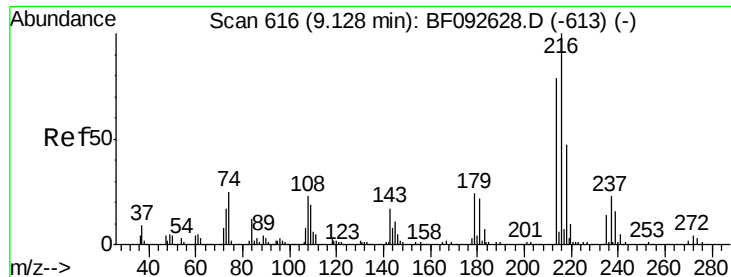
Tgt Ion:142 Resp: 769839
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.6
115 34.3 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion:164 Resp: 287060
Ion Ratio Lower Upper
164 100
162 103.2 80.2 120.2
160 45.5 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.78 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 368866

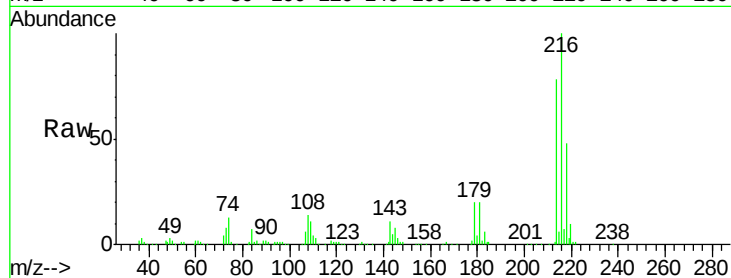
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.0

179 21.5 17.4 26.2

108 18.6 15.6 23.4

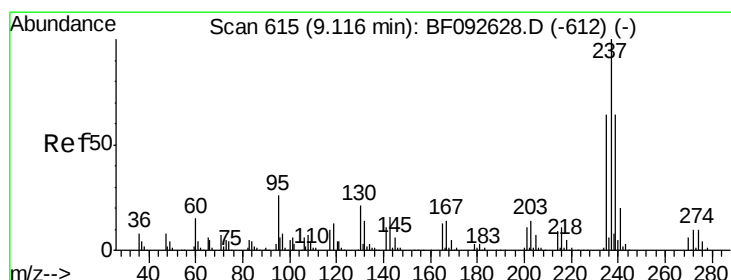
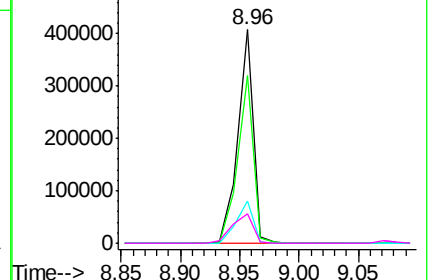
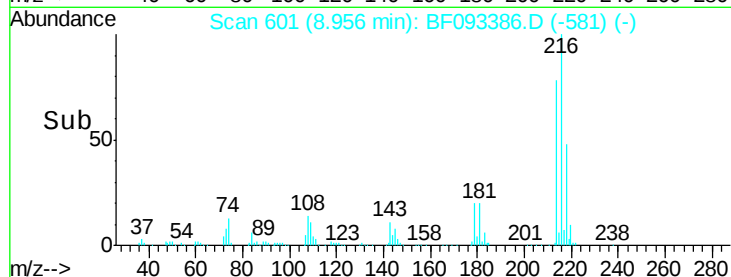


Abundance Ion 216.00 (215.70 to 216.70): E

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: 20.20 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

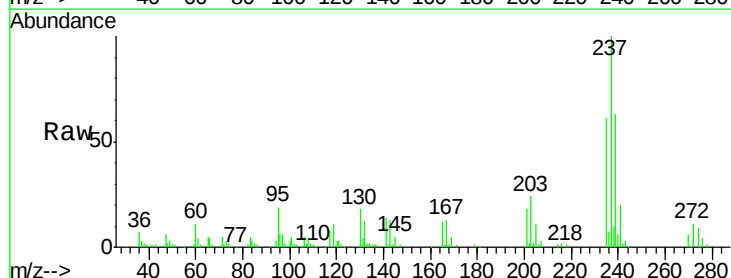
Tgt Ion:237 Resp: 73427

Ion Ratio Lower Upper

237 100

235 61.5 41.2 81.2

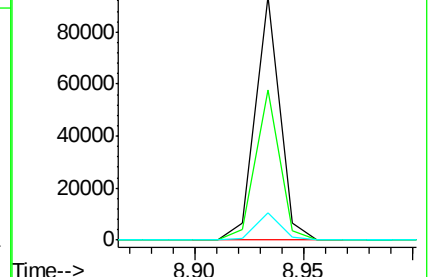
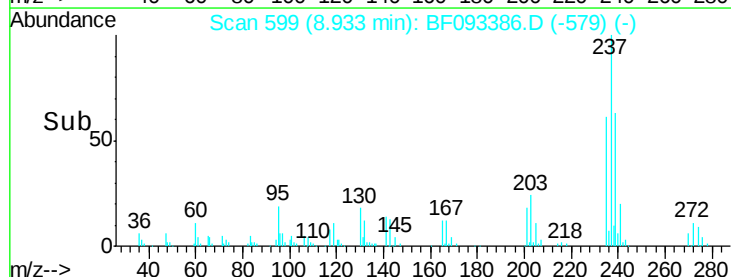
272 11.4 0.0 35.4



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

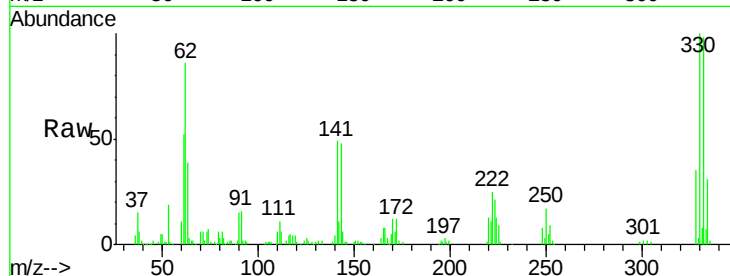




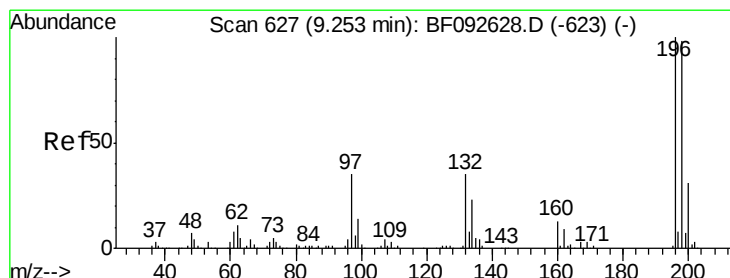
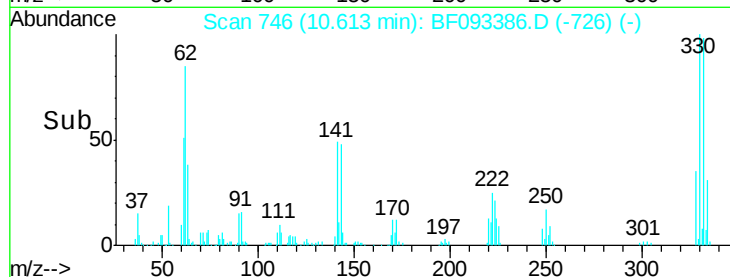
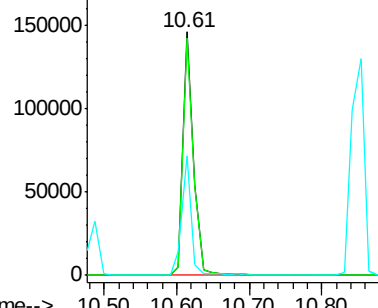
#41
 2,4,6-Tribromophenol
 Concen: 71.58 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 148605
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 43.8 34.1 51.1

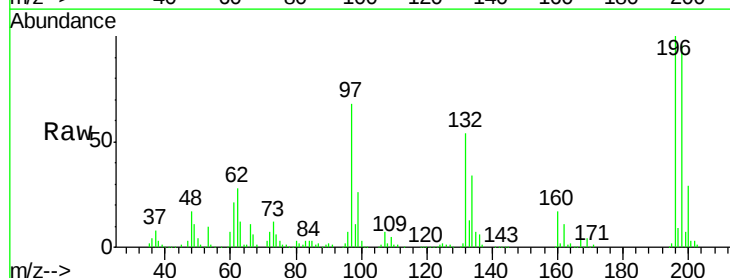


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

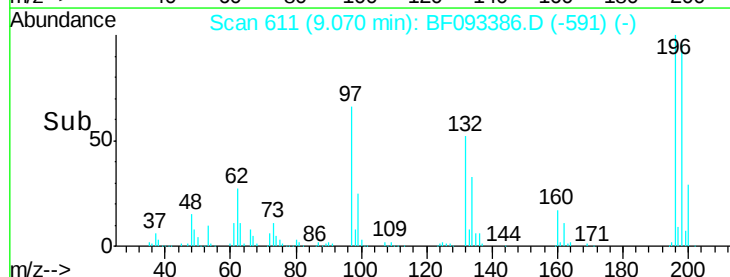
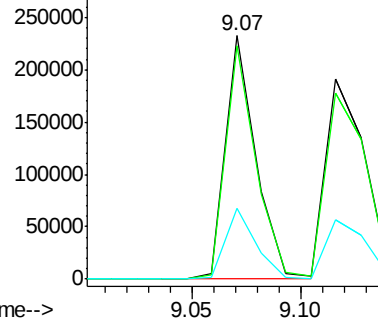


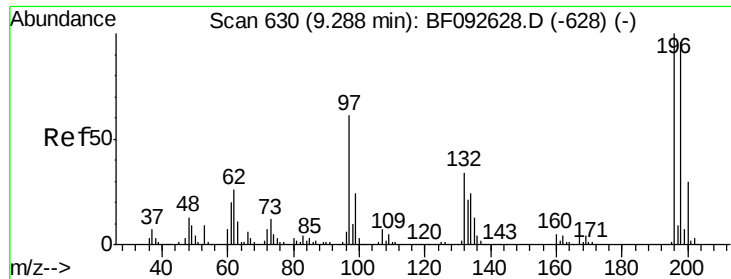
#42
 2,4,6-Trichlorophenol
 Concen: 42.74 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion:196 Resp: 226290
 Ion Ratio Lower Upper
 196 100
 198 96.0 82.1 123.1
 200 29.3 27.0 40.4



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

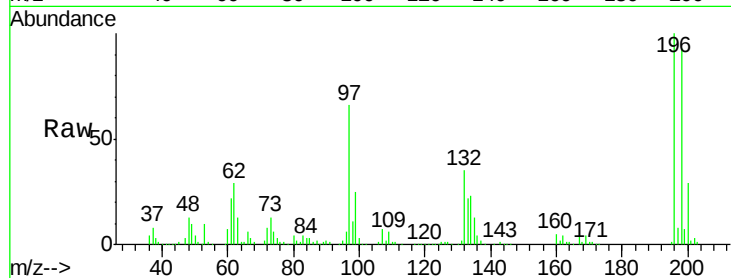




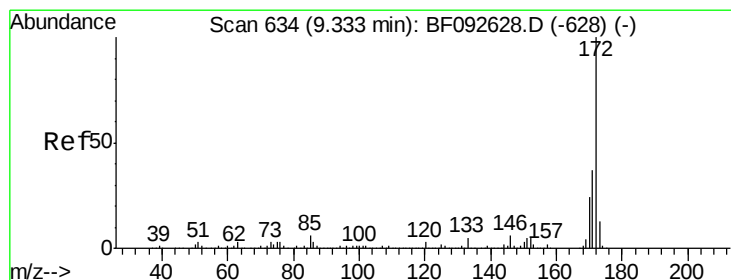
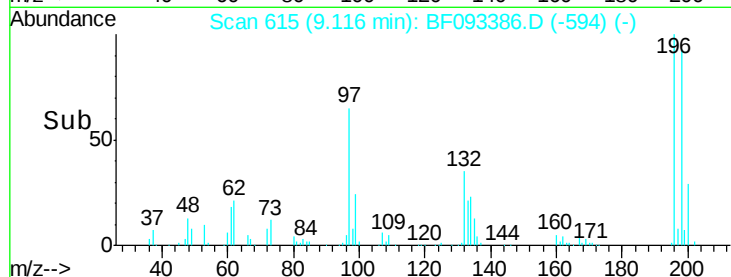
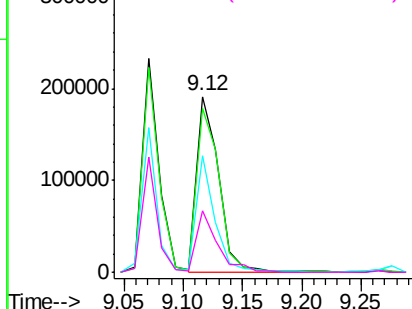
#43
 2,4,5-Trichlorophenol
 Concen: 42.46 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 246310
 Ion Ratio Lower Upper
 196 100
 198 93.0 79.4 119.2
 97 65.9 51.5 77.3
 132 35.2 27.4 41.2

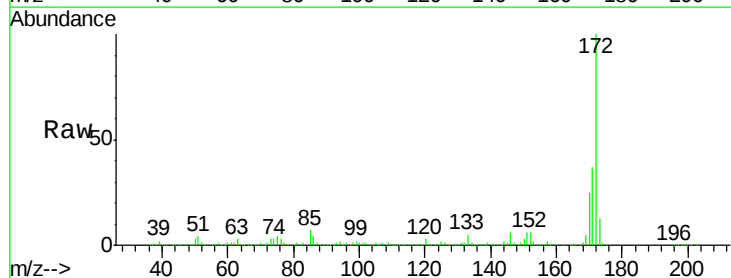


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

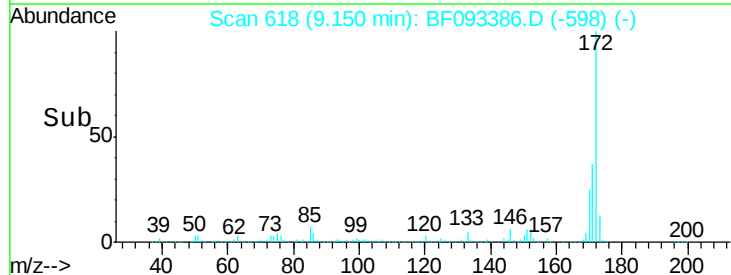
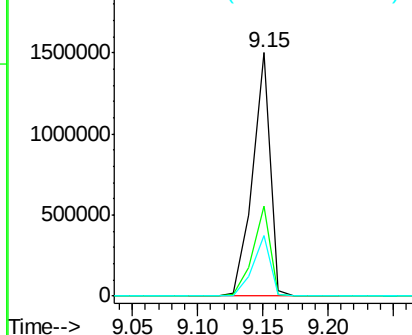


#44
 2-Fluorobiphenyl
 Concen: 89.31 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion:172 Resp: 1415155
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.9 20.2 30.4



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

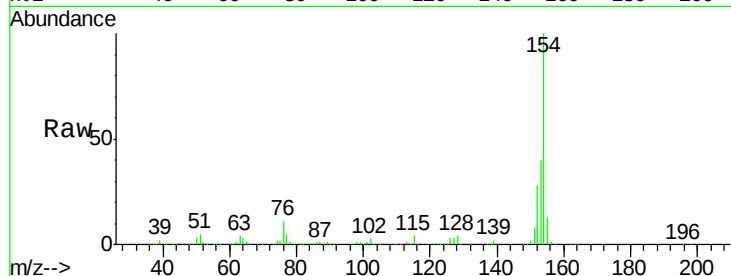




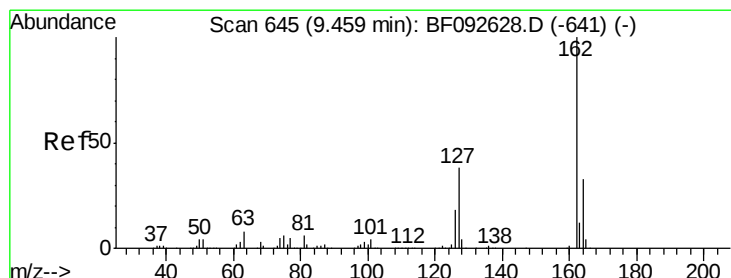
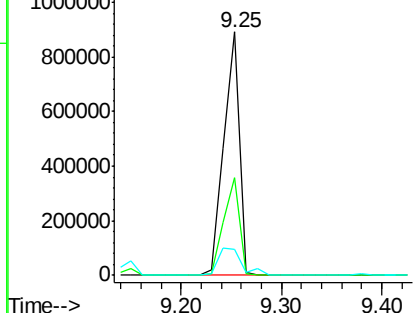
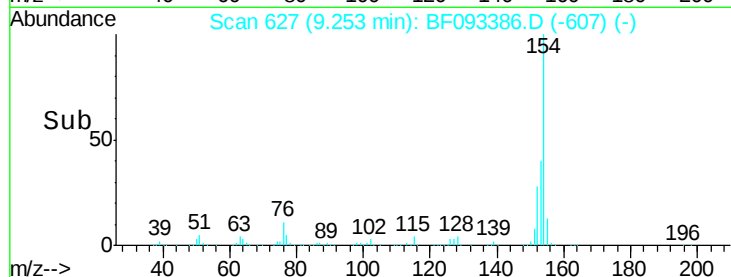
#45
 1,1'-Biphenyl
 Concen: 46.00 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 956129
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.9 60.9
 76 10.7 0.0 30.5

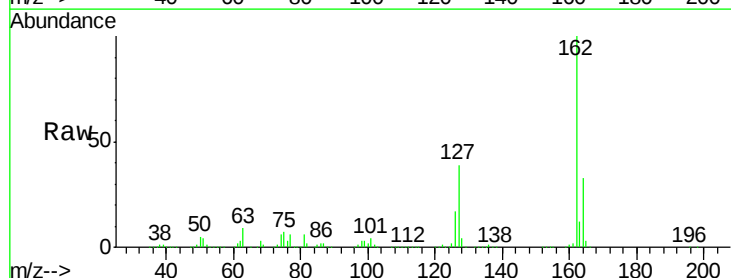


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

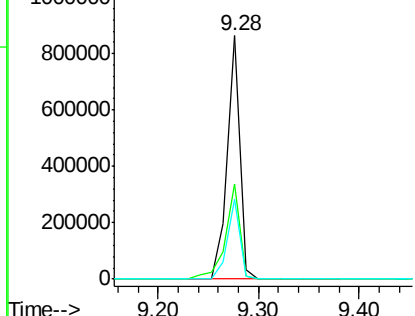
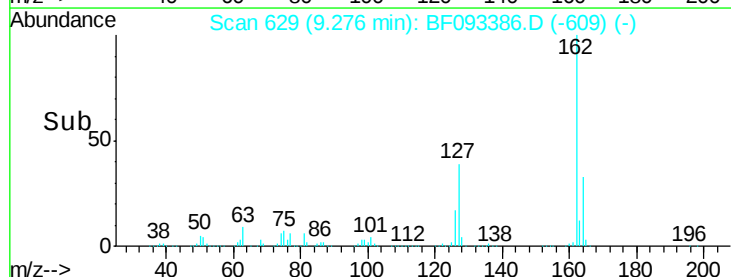


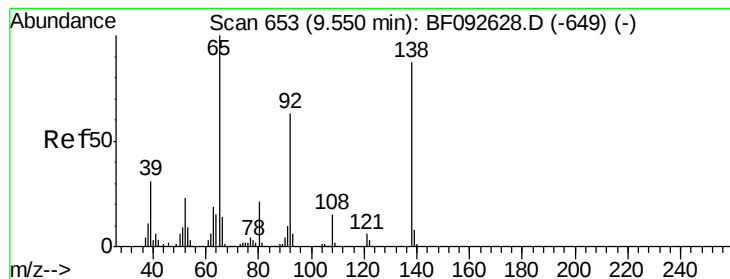
#46
 2-Chloronaphthalene
 Concen: 46.62 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion:162 Resp: 758068
 Ion Ratio Lower Upper
 162 100
 127 38.8 30.7 46.1
 164 33.0 27.6 41.4



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: 47.74 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

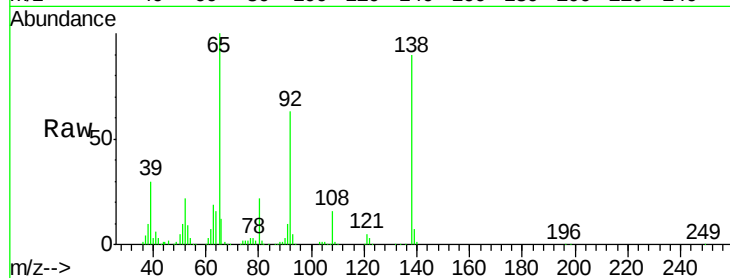
Tgt Ion: 65 Resp: 261025

Ion Ratio Lower Upper

65 100

92 63.5 53.9 80.9

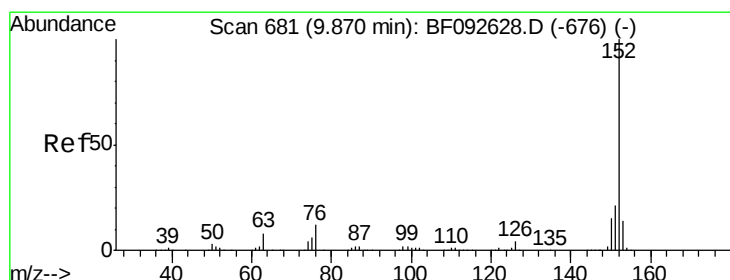
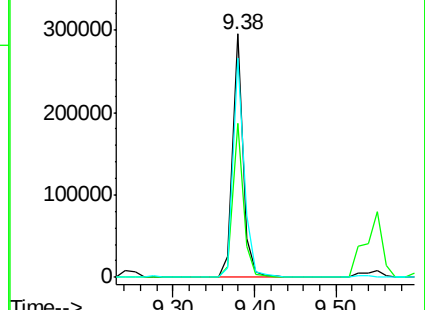
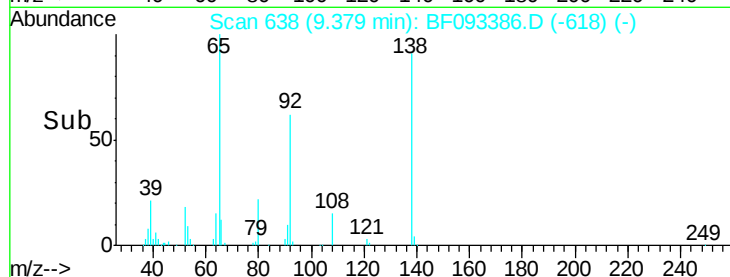
138 90.0 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF093386.D (-618) (-)

Ion 92.00 (91.70 to 92.70): BF093386.D (-618) (-)

Ion 138.00 (137.70 to 138.70): BF093386.D (-618) (-)



#48

Acenaphthylene

Concen: 42.00 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

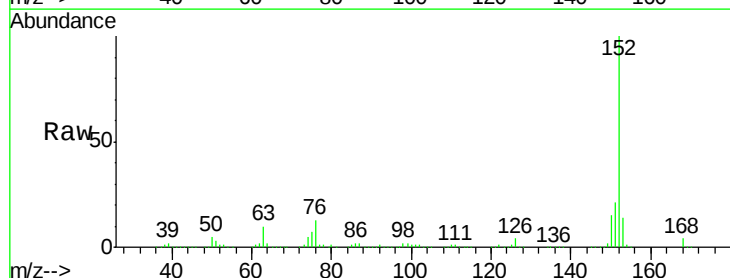
Tgt Ion: 152 Resp: 1179713

Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

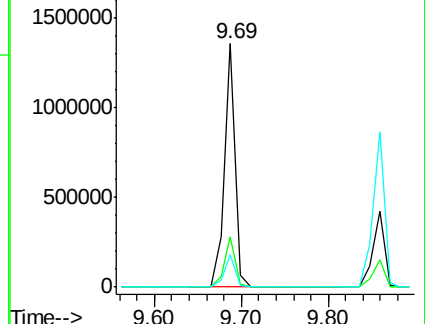
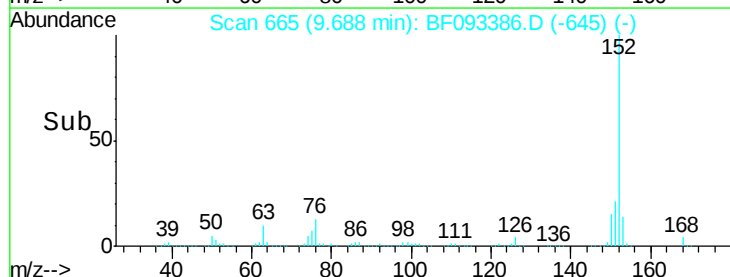
153 13.6 11.4 17.2

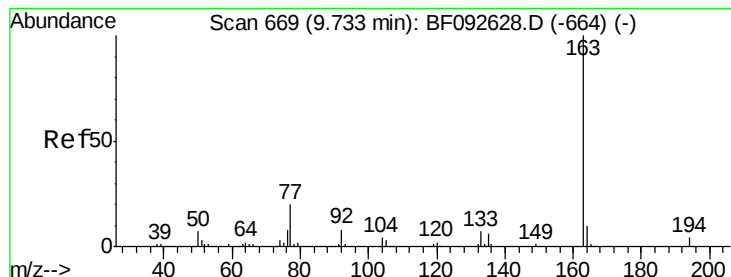


Abundance Ion 152.00 (151.70 to 152.70): BF093386.D (-645) (-)

Ion 151.00 (150.70 to 151.70): BF093386.D (-645) (-)

Ion 153.00 (152.70 to 153.70): BF093386.D (-645) (-)





#49

Dimethylphthalate

Concen: 42.28 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

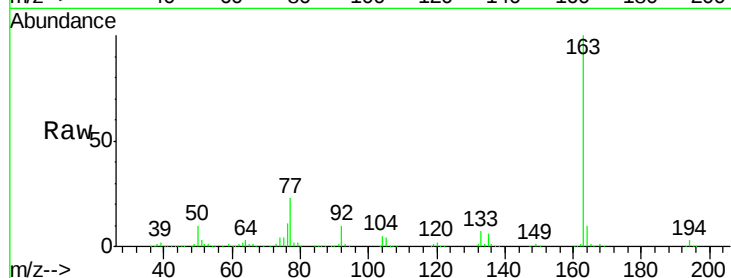
Tgt Ion:163 Resp: 817573

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

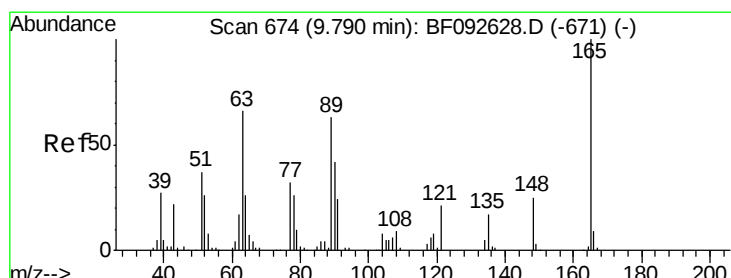
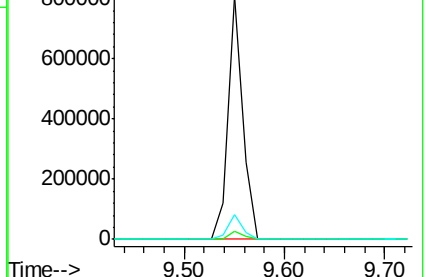
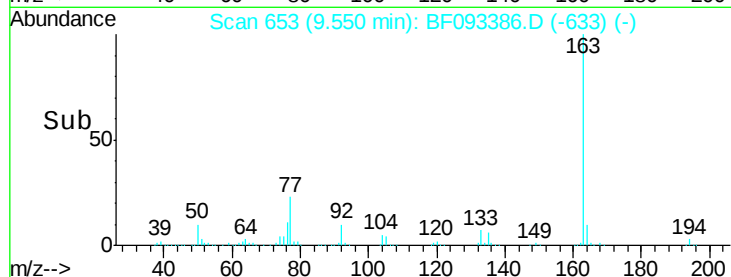
164 10.4 8.0 12.0



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: 41.83 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

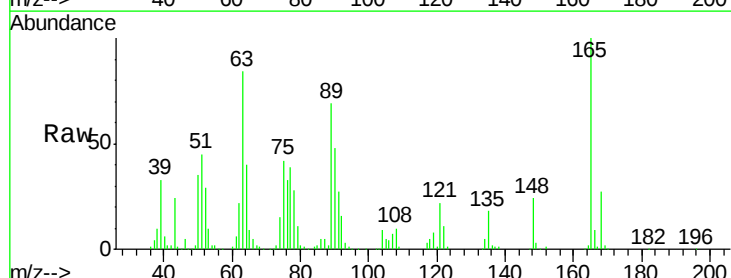
Tgt Ion:165 Resp: 174668

Ion Ratio Lower Upper

165 100

63 84.2 36.2 54.4#

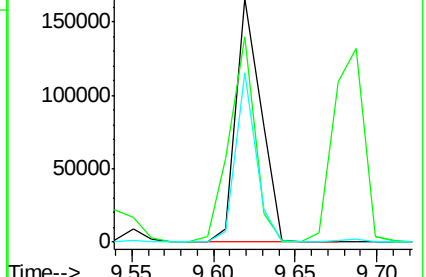
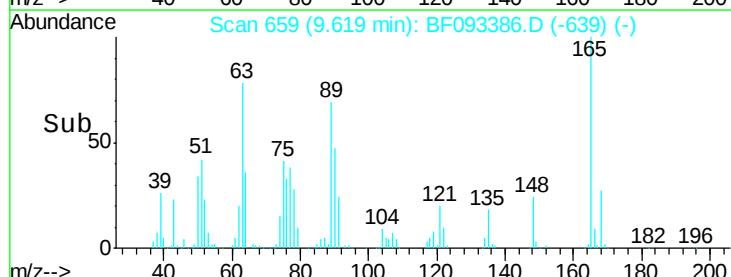
89 69.4 40.2 60.4#



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: 40.83 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

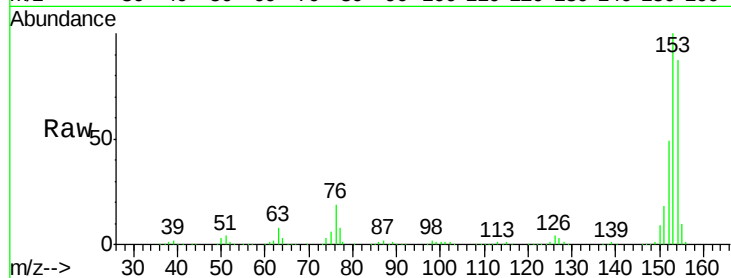
Tgt Ion:154 Resp: 685640

Ion Ratio Lower Upper

154 100

153 114.7 88.6 133.0

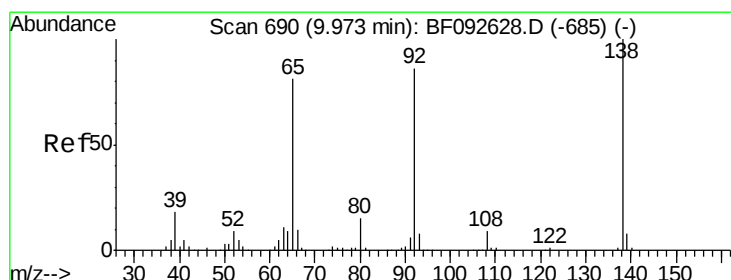
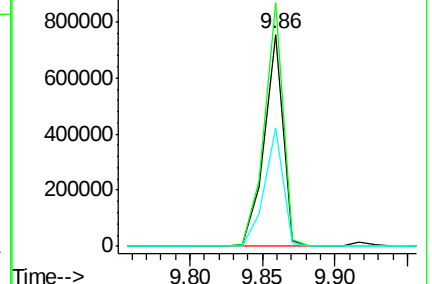
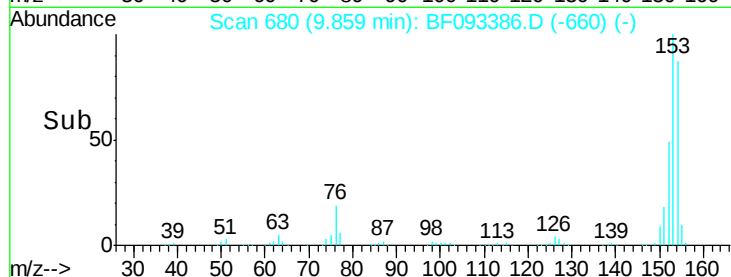
152 55.9 41.6 62.4



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: 42.84 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

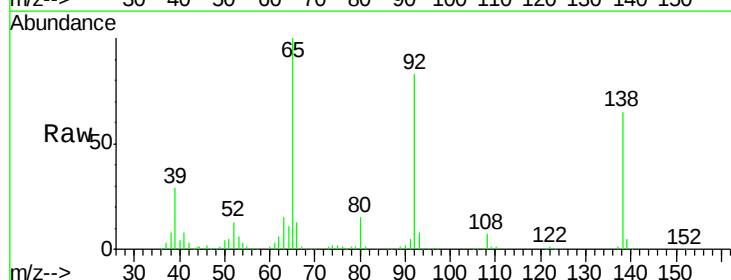
Tgt Ion:138 Resp: 204706

Ion Ratio Lower Upper

138 100

108 10.9 8.5 12.7

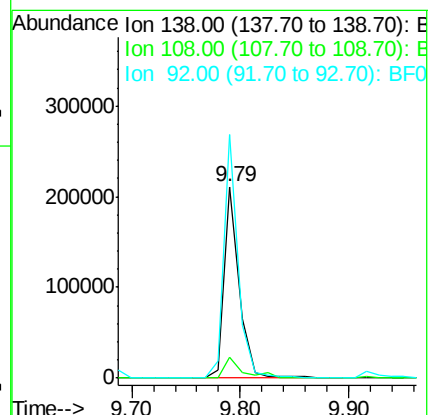
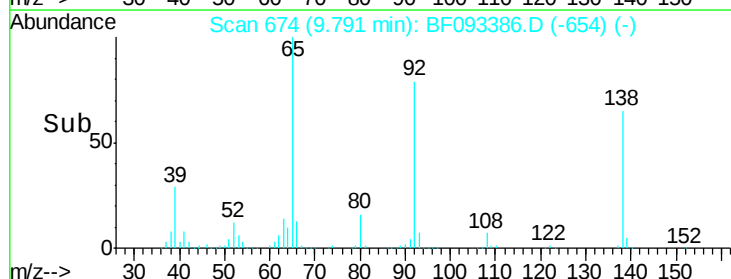
92 127.1 97.8 146.8

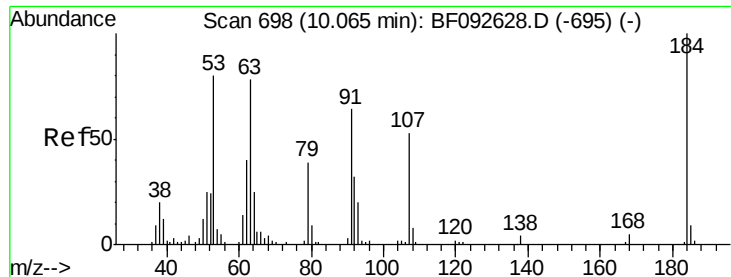


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

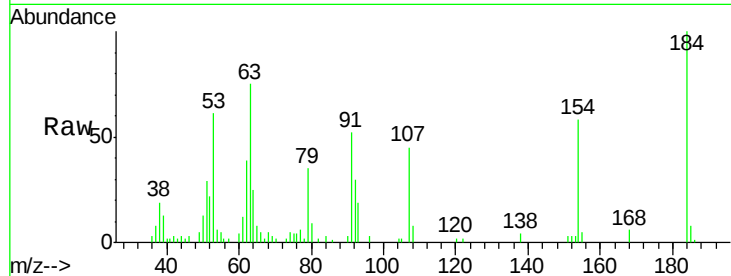




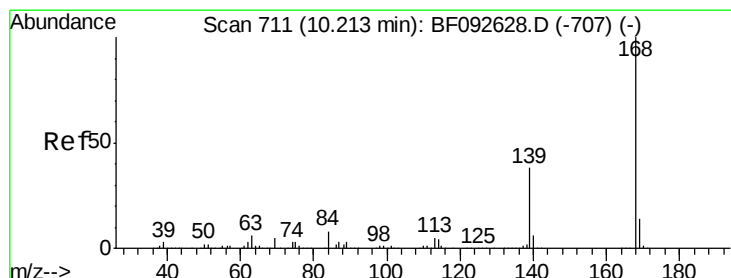
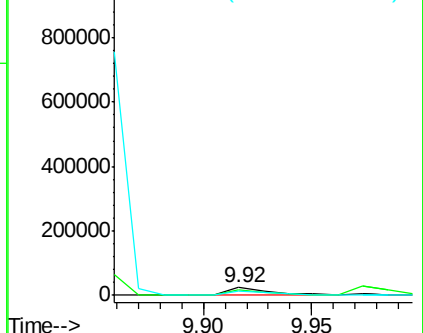
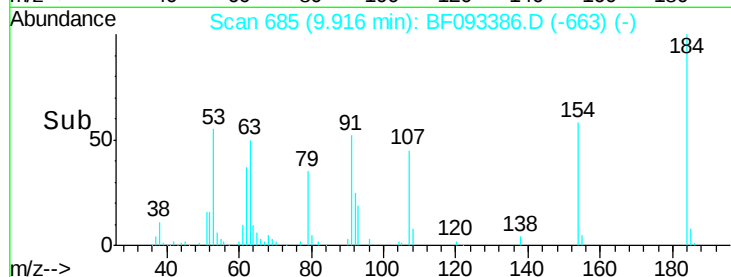
#53
2,4-Dinitrophenol
Concen: 19.64 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 33661
Ion Ratio Lower Upper
184 100
63 75.2 28.4 42.6#
154 57.7 44.3 66.5

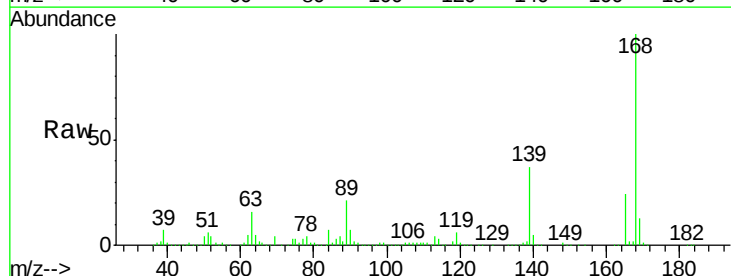


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

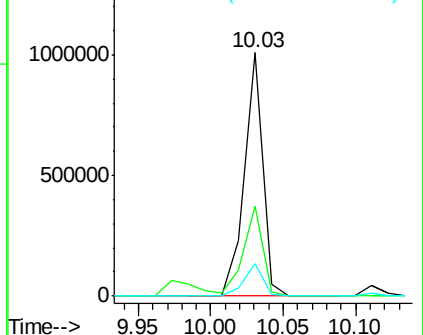
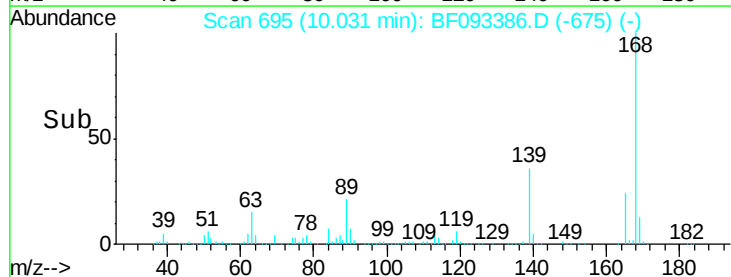


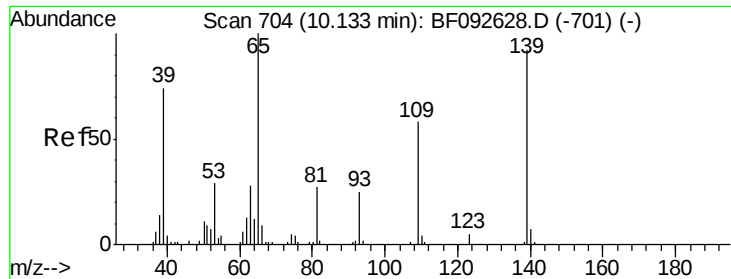
#54
Dibenzofuran
Concen: 39.68 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion:168 Resp: 891291
Ion Ratio Lower Upper
168 100
139 36.8 32.6 49.0
169 13.3 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 30.34 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.05 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

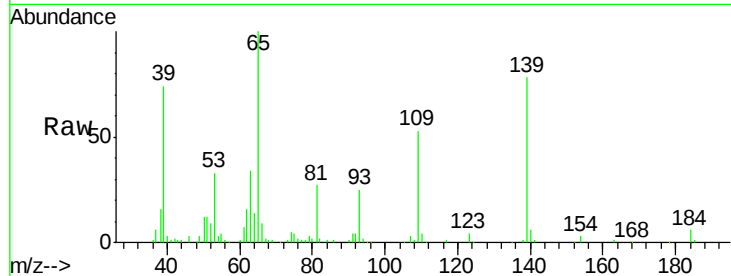
Tgt Ion:139 Resp: 104421

Ion Ratio Lower Upper

139 100

109 67.8 52.2 92.2

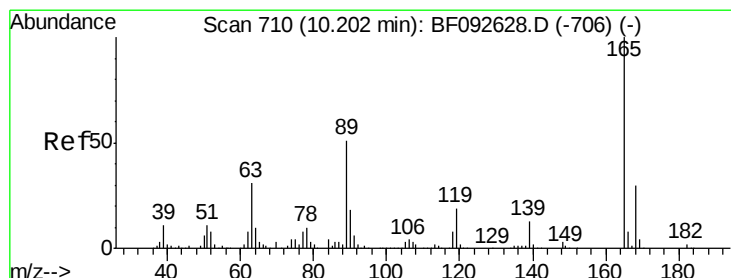
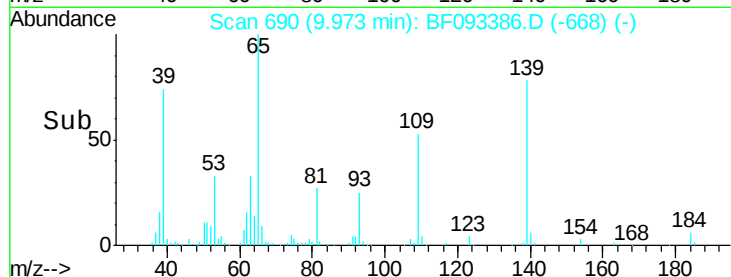
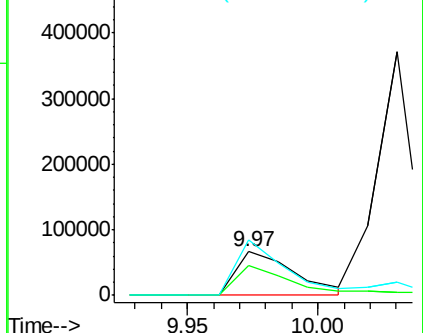
65 128.1 85.8 125.8#



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: 38.28 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.06 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Tgt Ion:165 Resp: 212788

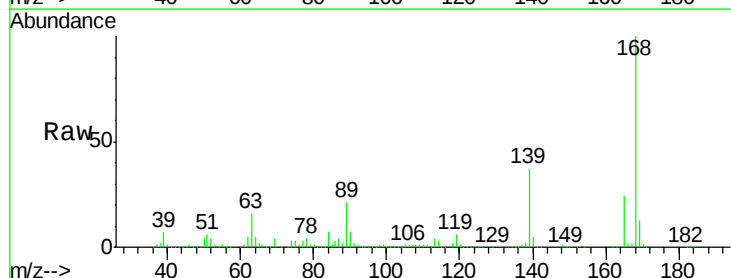
Ion Ratio Lower Upper

165 100

63 66.3 40.2 60.4#

89 84.9 62.5 93.7

182 2.0 1.8 2.8

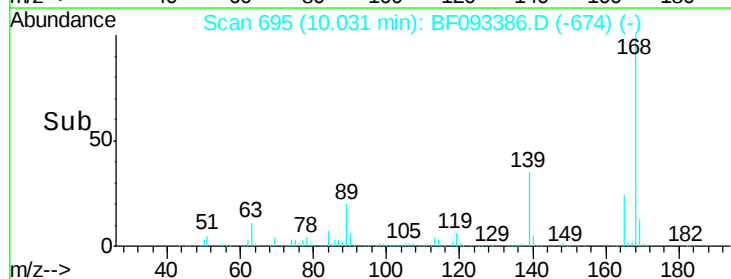
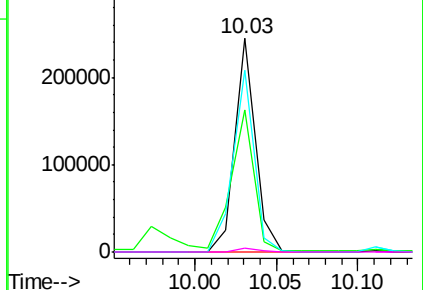


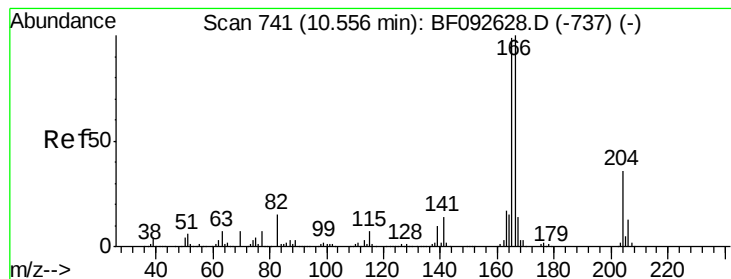
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.79 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

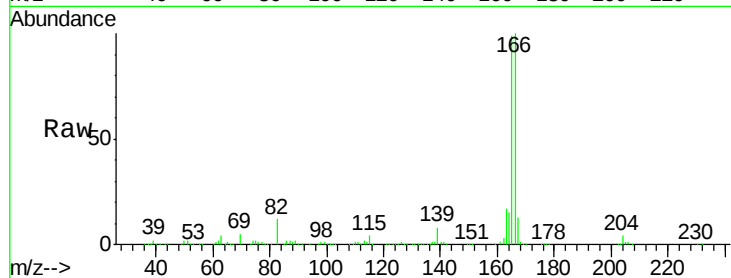
Tgt Ion:166 Resp: 774112

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.8

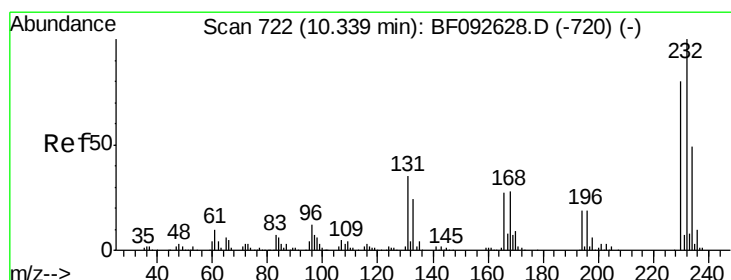
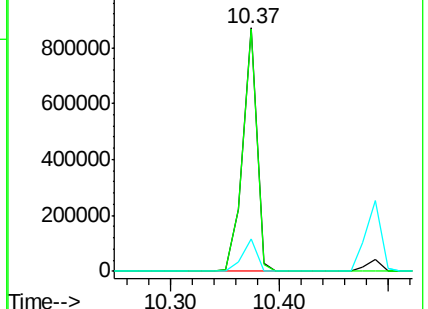
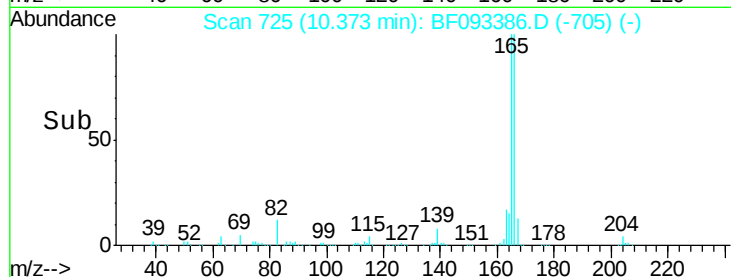
167 13.2 10.8 16.2



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: 42.96 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Tgt Ion:232 Resp: 166246

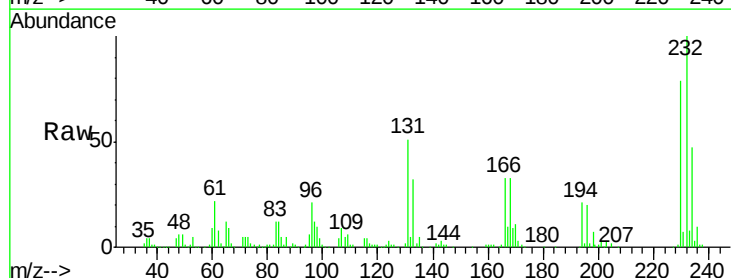
Ion Ratio Lower Upper

232 100

131 46.9 40.1 60.1

130 2.4 1.8 2.8

166 30.0 26.6 39.8

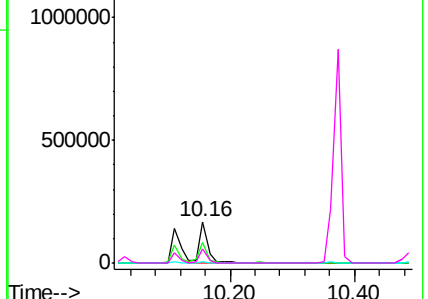
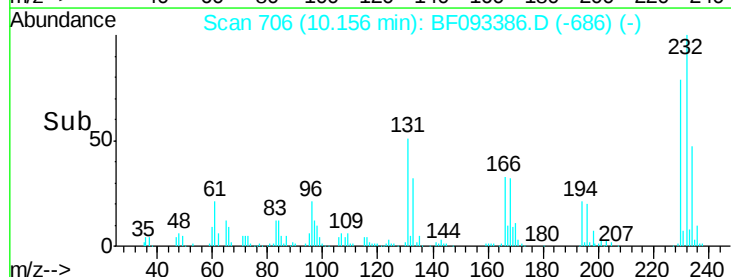


Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.55 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

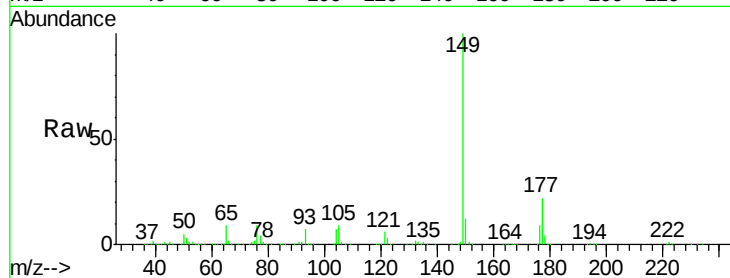
Tgt Ion:149 Resp: 829961

Ion Ratio Lower Upper

149 100

177 22.0 16.6 25.0

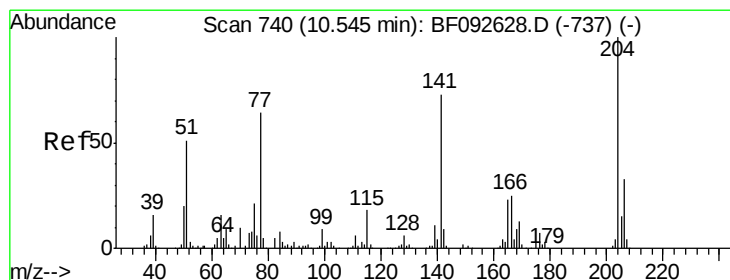
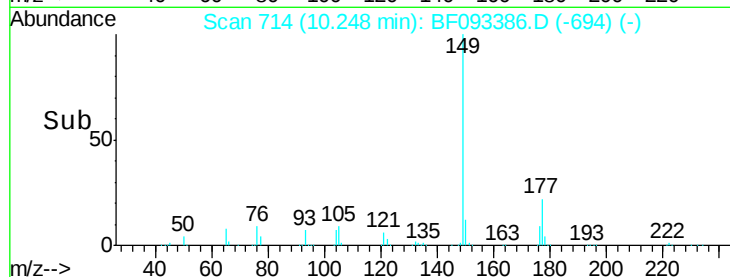
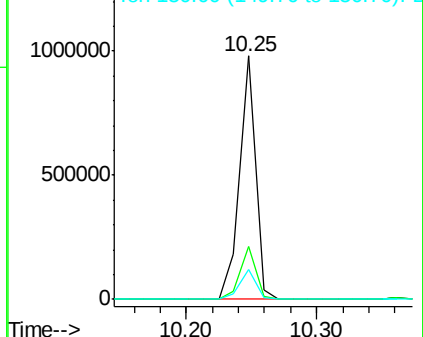
150 12.4 10.4 15.6



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: 41.71 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

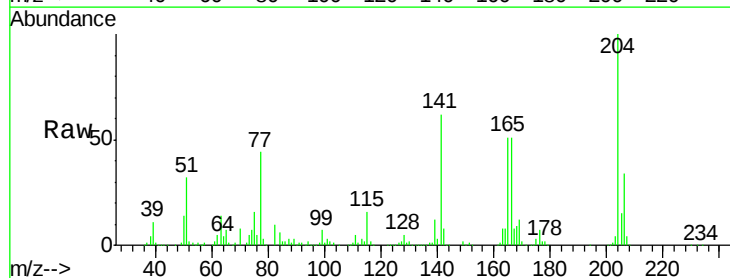
Tgt Ion:204 Resp: 346310

Ion Ratio Lower Upper

204 100

206 34.4 25.8 38.6

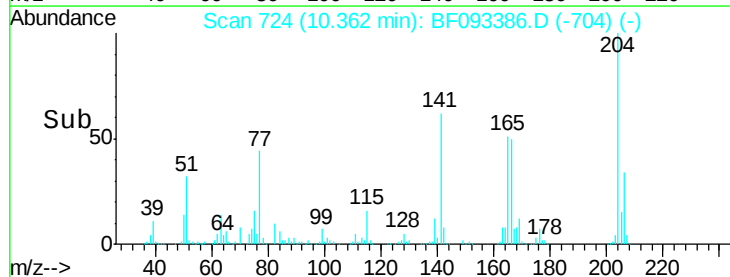
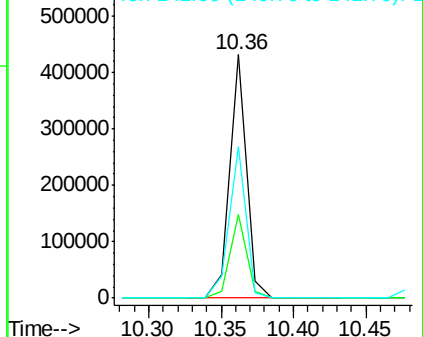
141 62.1 59.4 89.0

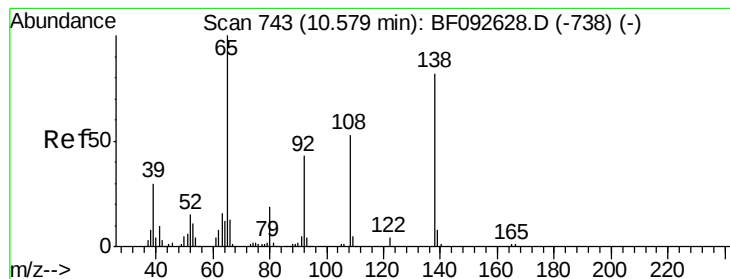


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.75 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.06 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

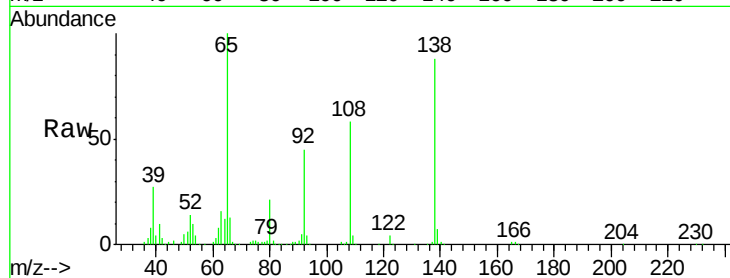
Tgt Ion:138 Resp: 223929

Ion Ratio Lower Upper

138 100

92 51.2 31.7 71.7

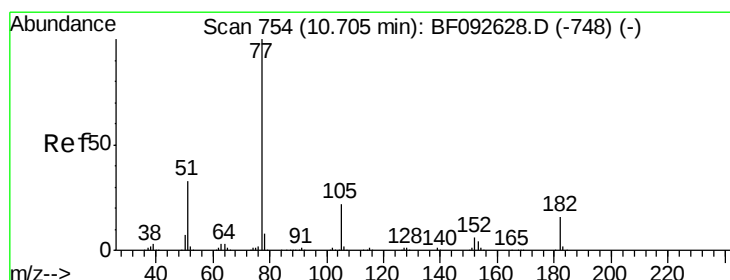
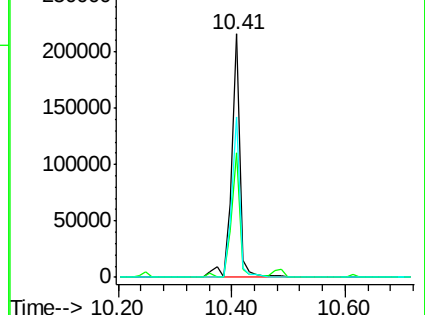
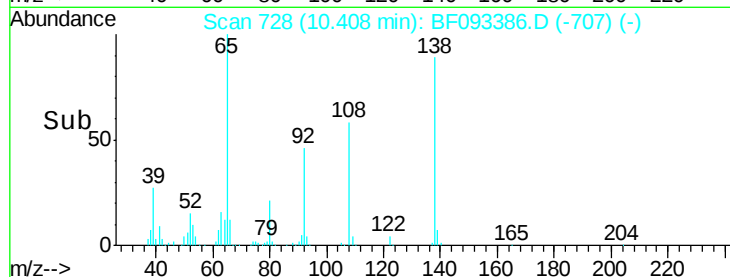
108 65.6 52.6 92.6



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: 48.20 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Tgt Ion: 77 Resp: 907328

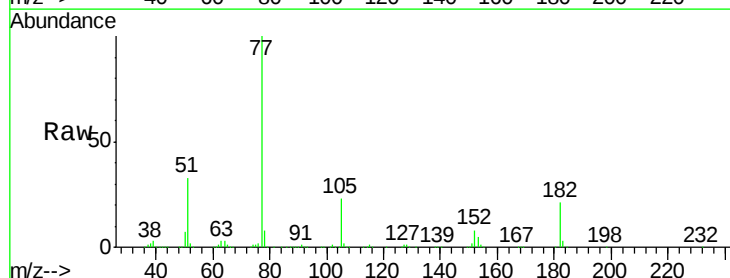
Ion Ratio Lower Upper

77 100

182 20.5 0.0 39.3

105 23.0 2.3 42.3

51 32.7 8.9 48.9

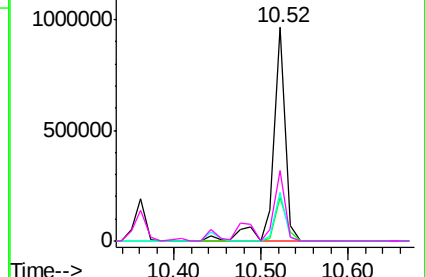
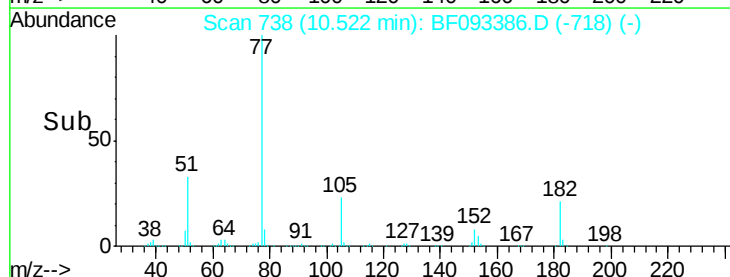


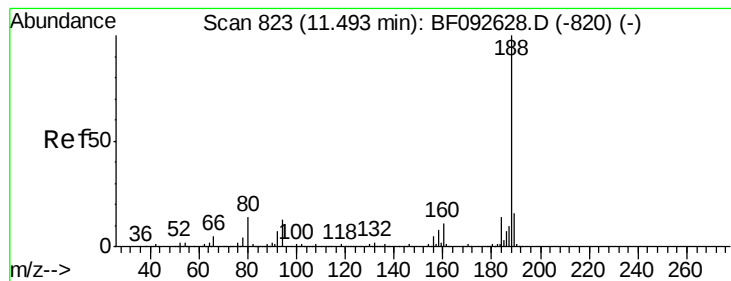
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.31 min Scan# 807

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

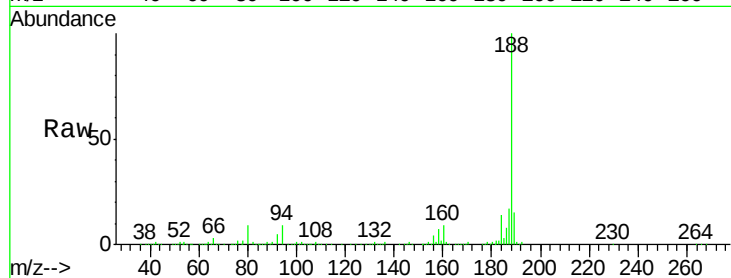
Tgt Ion:188 Resp: 449463

Ion Ratio Lower Upper

188 100

94 8.6 10.0 15.0#

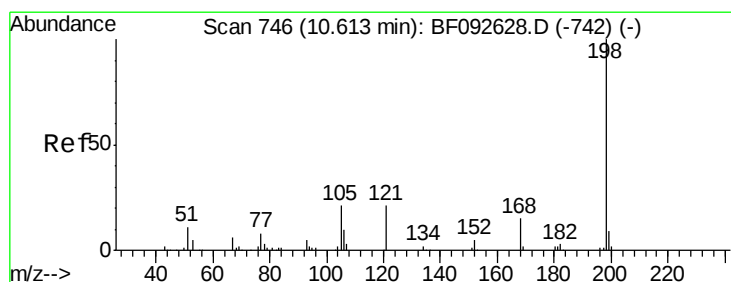
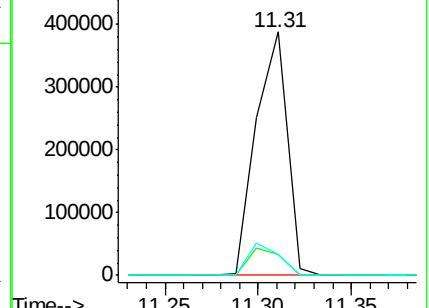
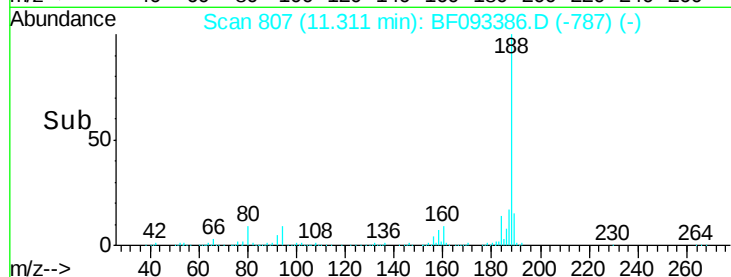
80 8.7 11.2 16.8#



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: 30.38 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.06 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

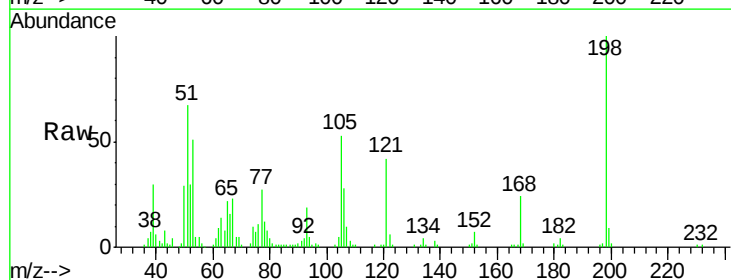
Tgt Ion:198 Resp: 80265

Ion Ratio Lower Upper

198 100

51 66.6 6.7 46.7#

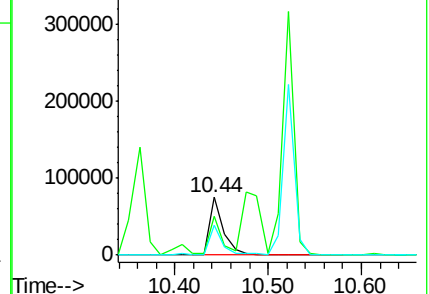
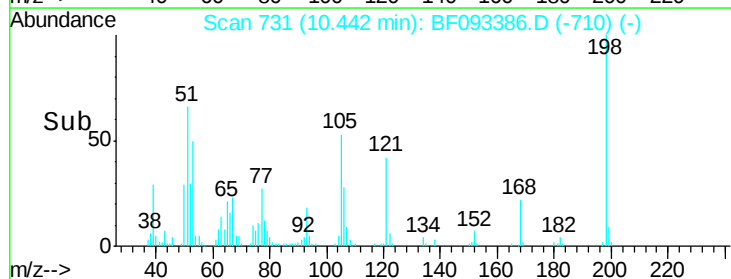
105 52.9 16.6 56.6

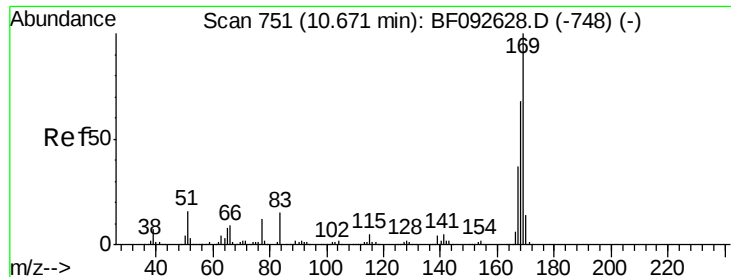


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.90 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

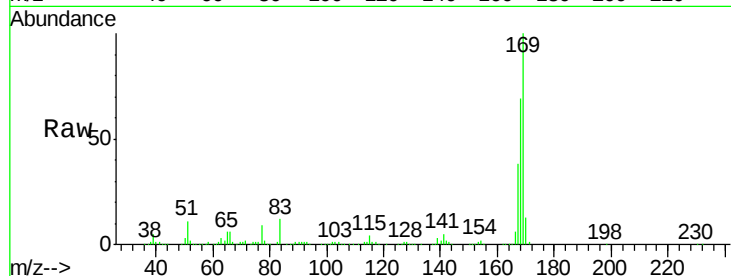
Tgt Ion:169 Resp: 673364

Ion Ratio Lower Upper

169 100

168 68.6 54.2 81.2

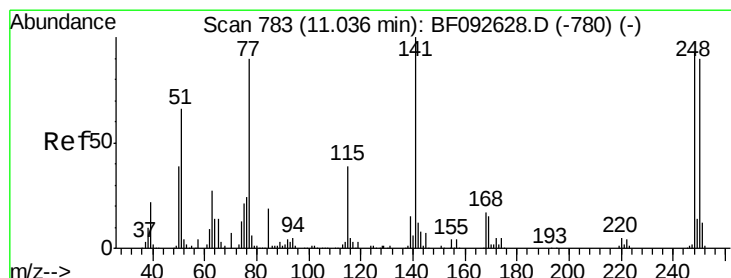
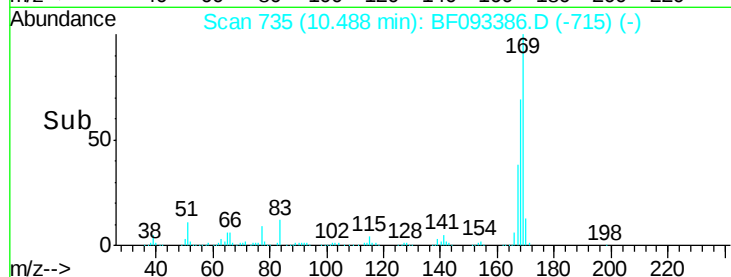
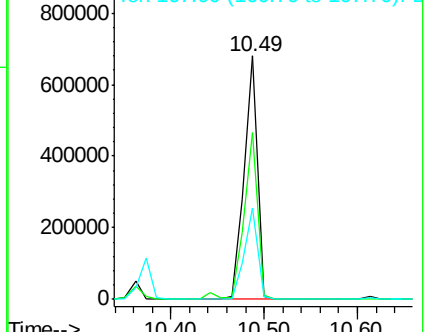
167 37.5 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.82 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

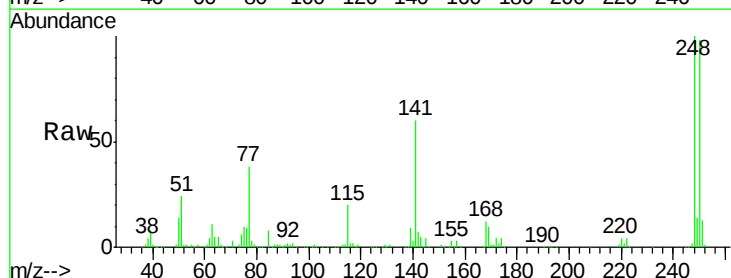
Tgt Ion:248 Resp: 201088

Ion Ratio Lower Upper

248 100

250 97.7 76.9 115.3

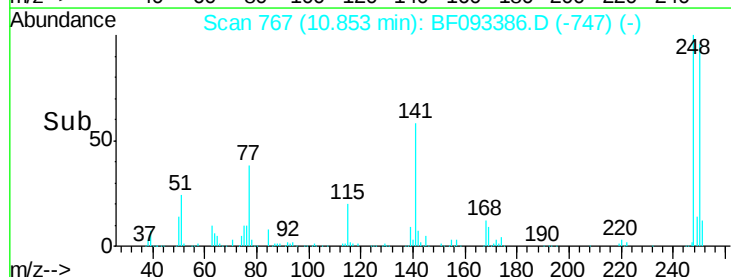
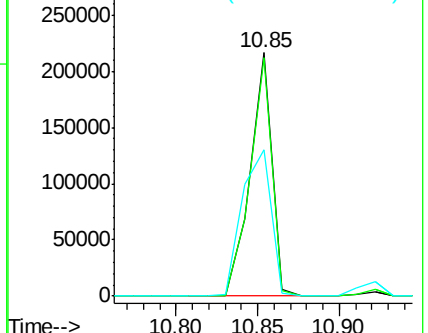
141 60.1 68.2 102.4#

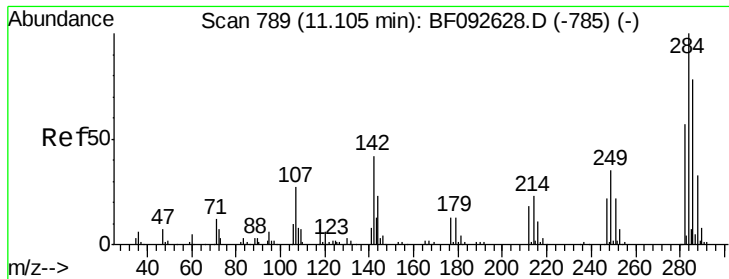


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

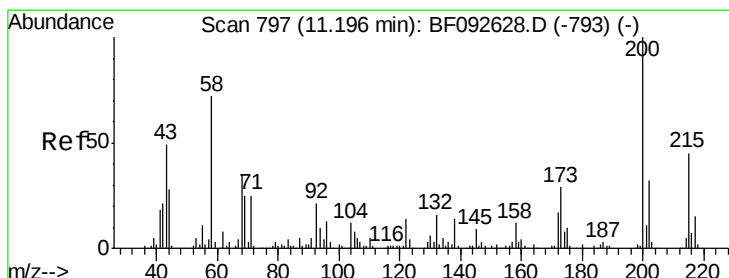
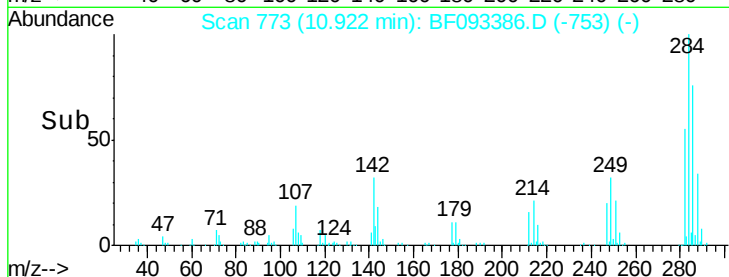
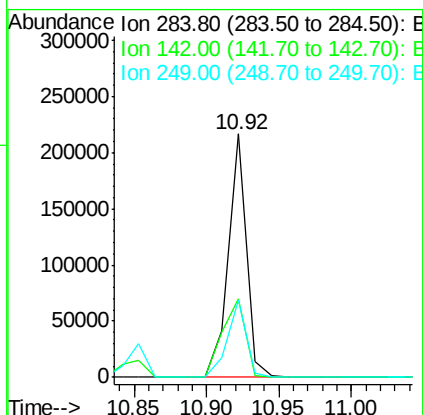
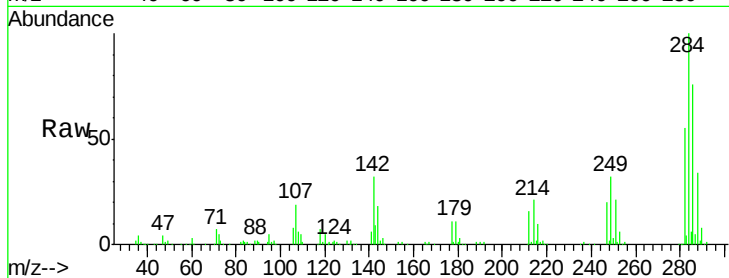




#67
Hexachlorobenzene
Concen: 40.41 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

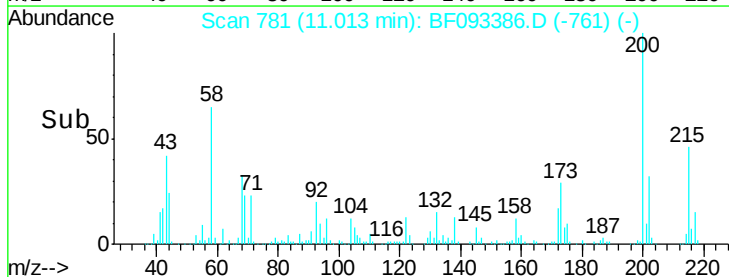
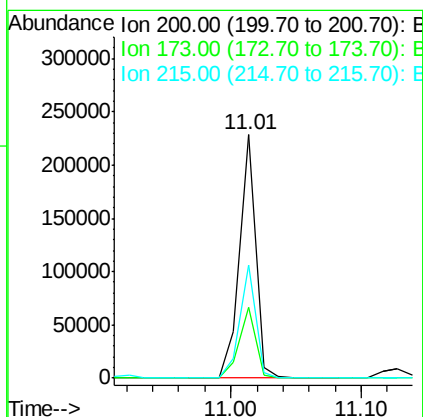
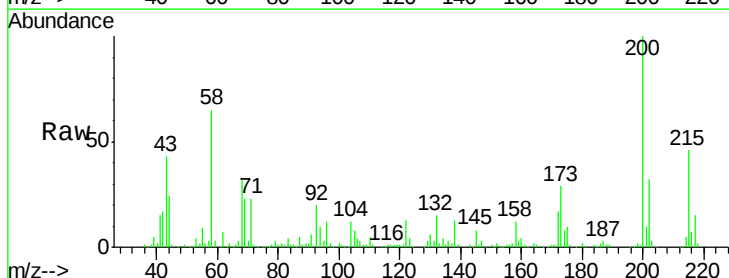
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

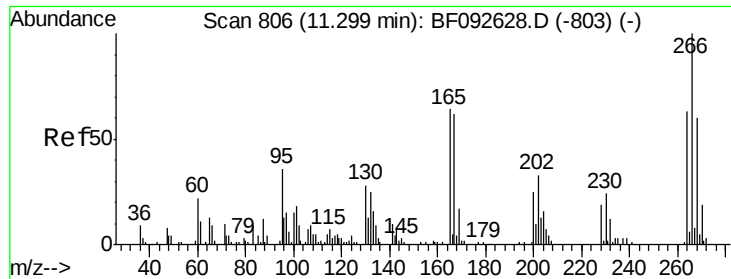
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	22.6	33.8
249	32.0	25.4	38.0



#68
Atrazine
Concen: 42.52 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.0	9.6	49.6
215	46.5	25.7	65.7

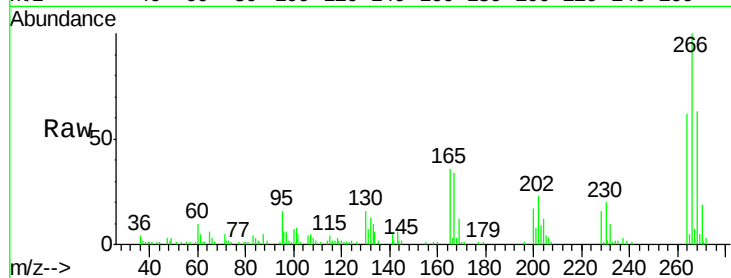




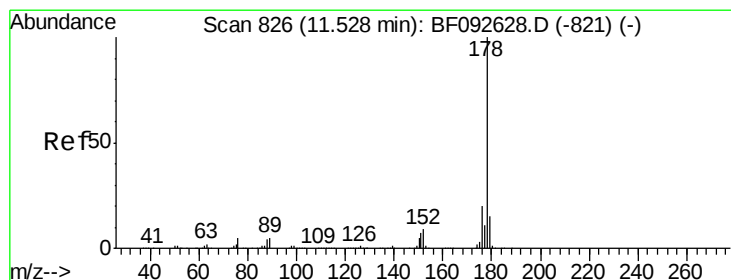
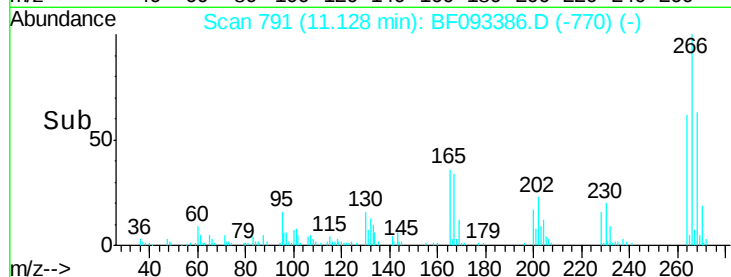
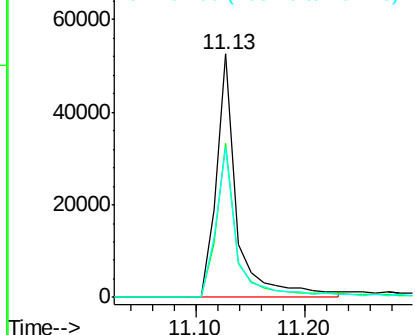
#69
 Pentachlorophenol
 Concen: 33.83 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.06 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 70100
 Ion Ratio Lower Upper
 266 100
 268 63.1 53.3 79.9
 264 61.5 50.3 75.5

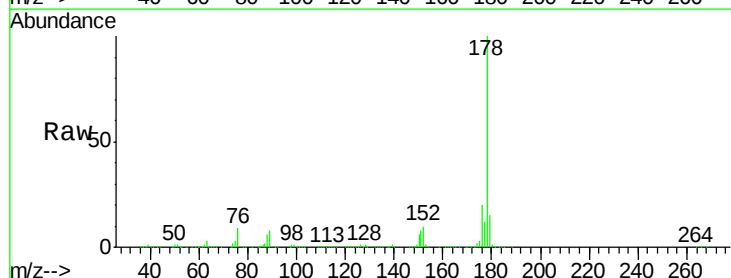


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

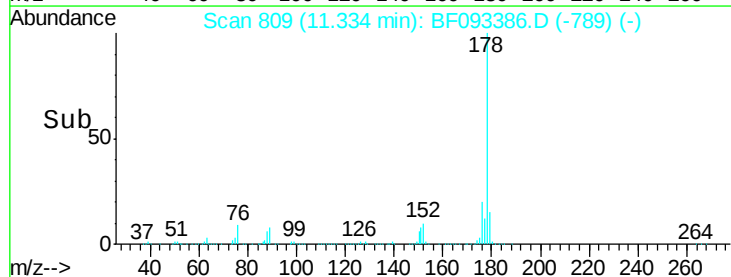
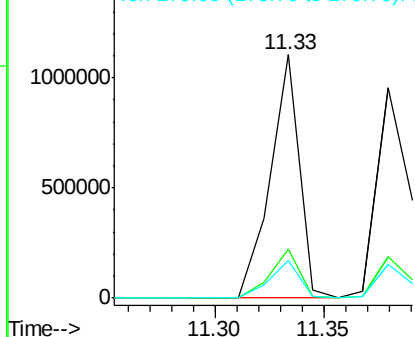


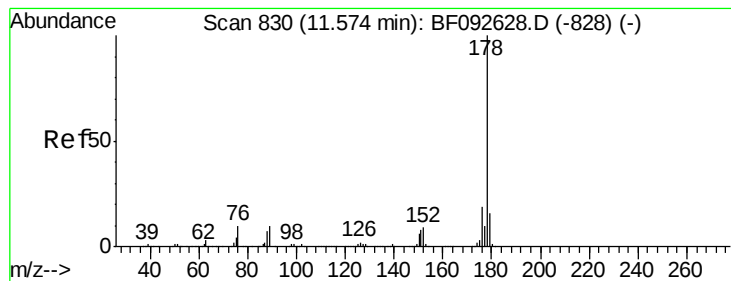
#70
 Phenanthrene
 Concen: 40.19 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion:178 Resp: 1034918
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 15.5 12.8 19.2



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





#71

Anthracene

Concen: 38.59 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.08 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

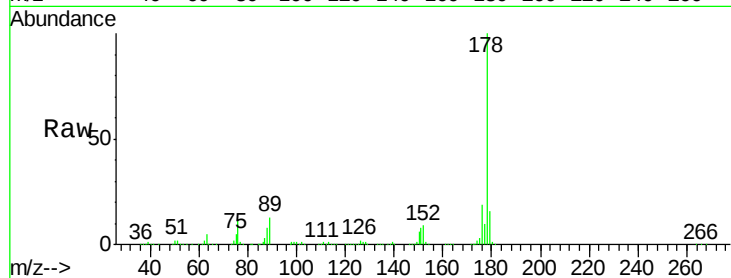
Tgt Ion:178 Resp: 997892

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

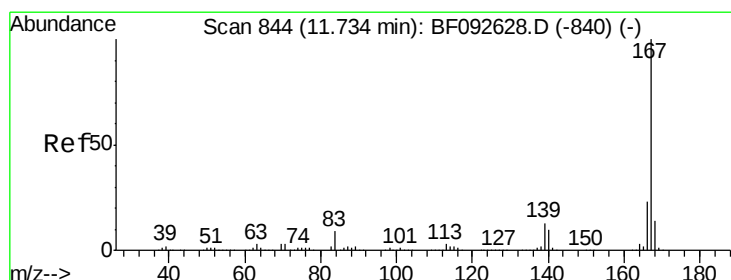
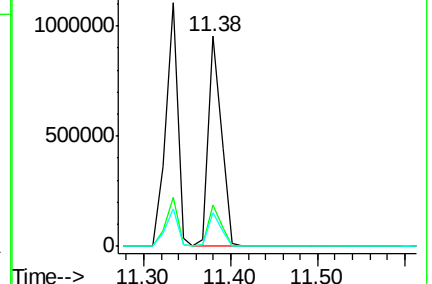
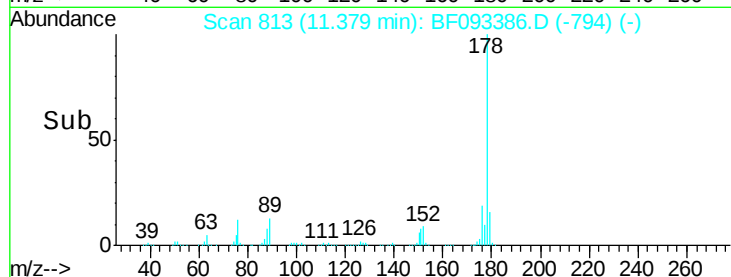
179 15.8 13.2 19.8



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: 39.13 ng

RT: 11.54 min Scan# 827

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

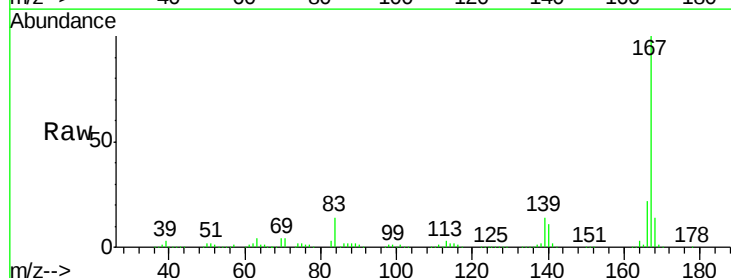
Tgt Ion:167 Resp: 967308

Ion Ratio Lower Upper

167 100

166 21.9 18.2 27.2

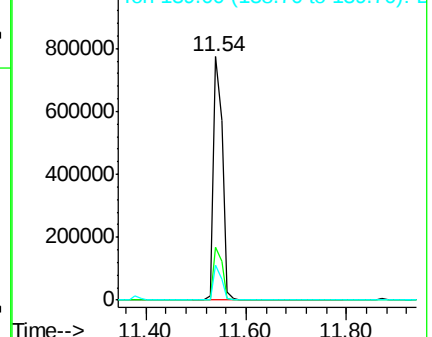
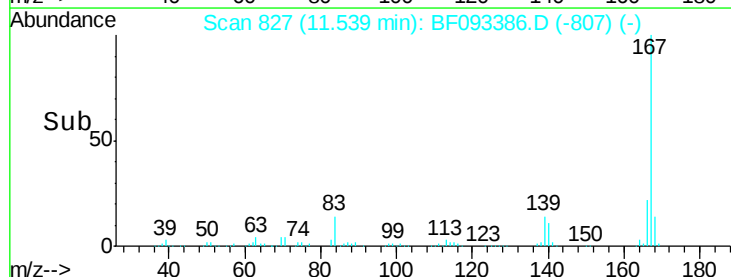
139 14.4 11.4 17.2



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

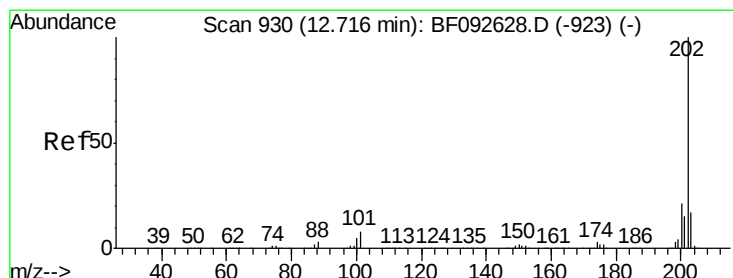
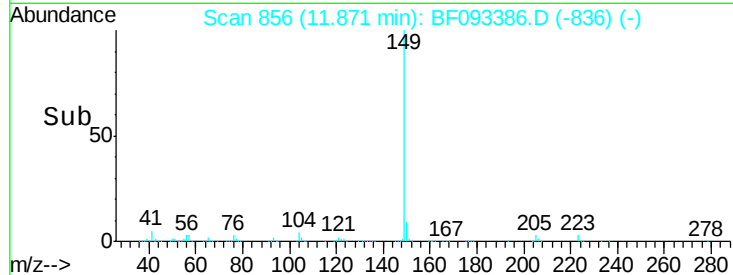
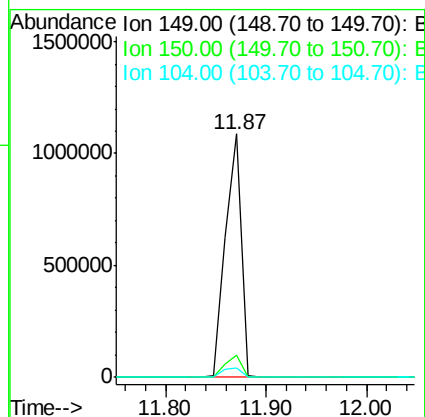
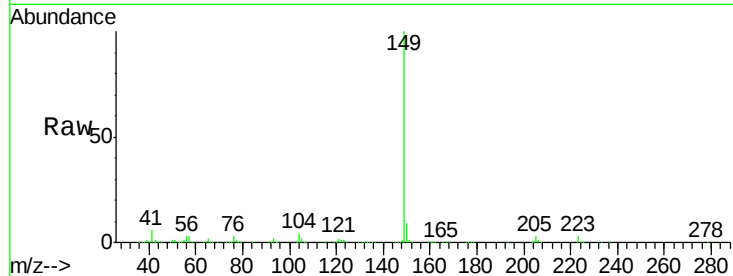




#73
Di-n-butylphthalate
Concen: 44.53 ng
RT: 11.87 min Scan# 856
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

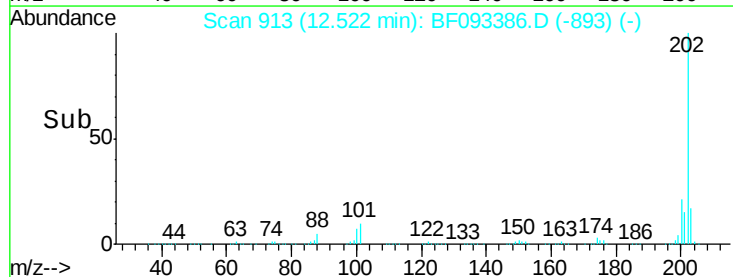
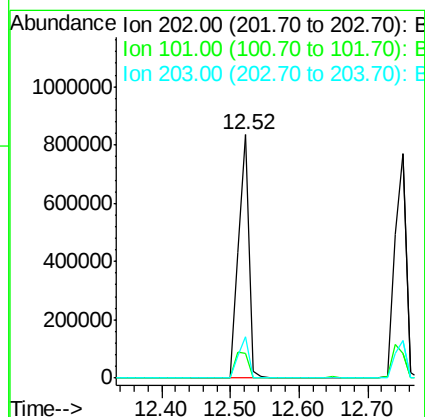
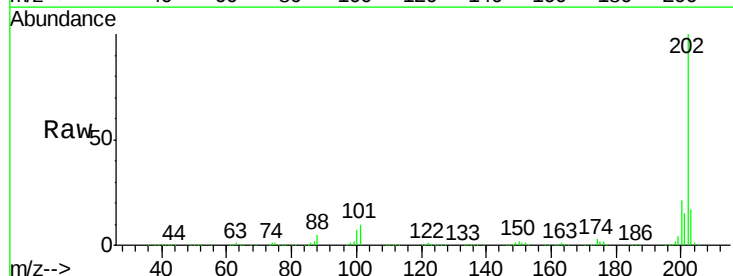
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

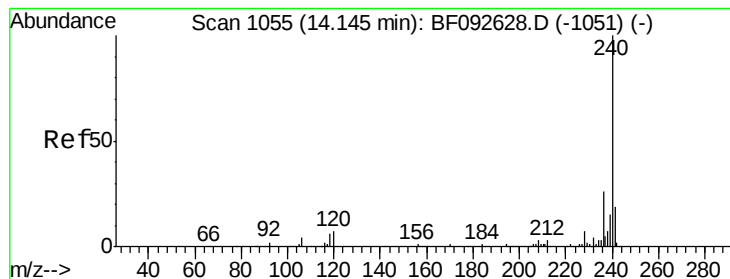
Tgt Ion:149 Resp: 1190532
Ion Ratio Lower Upper
149 100
150 9.4 8.1 12.1
104 3.8 4.6 7.0#



#74
Fluoranthene
Concen: 33.78 ng
RT: 12.52 min Scan# 913
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion:202 Resp: 897146
Ion Ratio Lower Upper
202 100
101 9.9 0.0 34.6
203 16.8 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

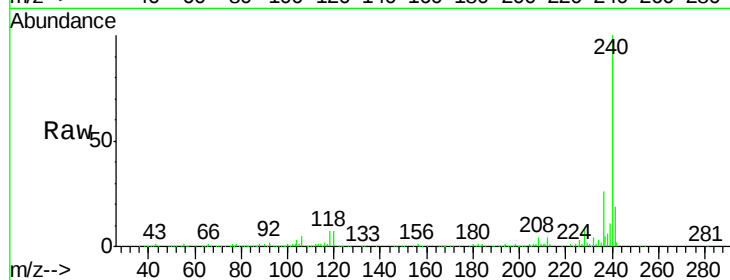
Tgt Ion:240 Resp: 294577

Ion Ratio Lower Upper

240 100

120 7.3 12.9 19.3#

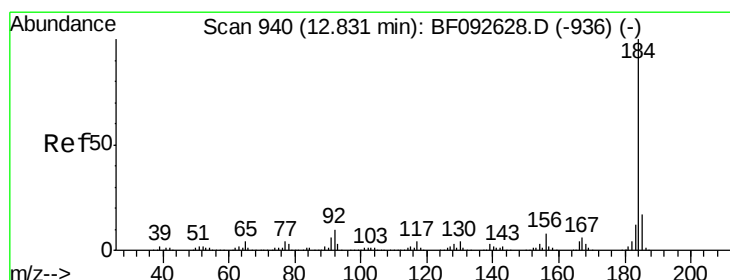
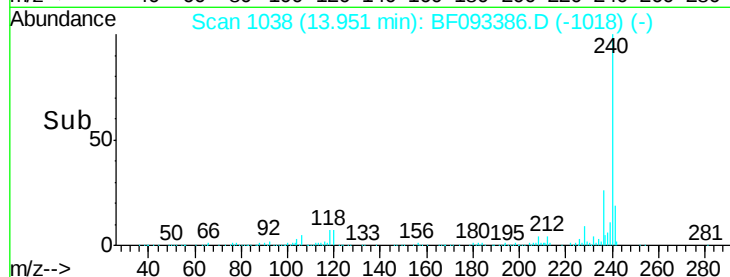
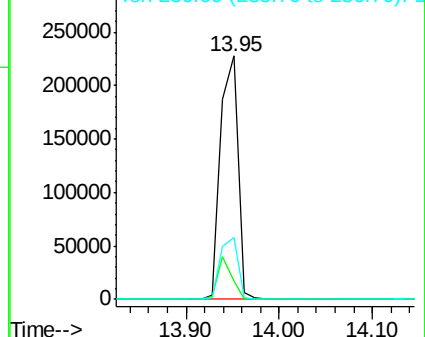
236 25.6 20.9 31.3



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: 60.15 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

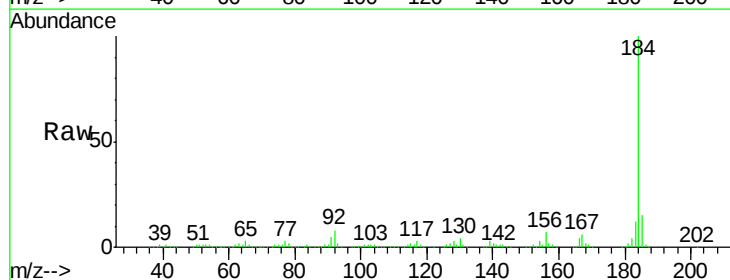
Tgt Ion:184 Resp: 755090

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.0

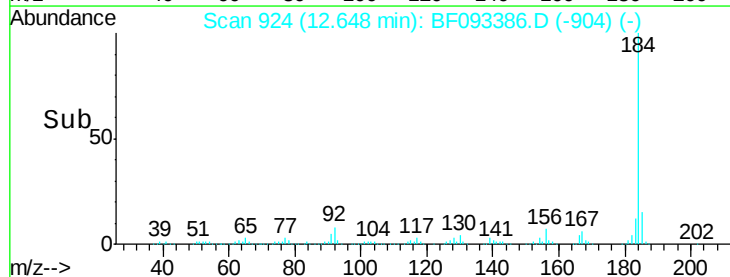
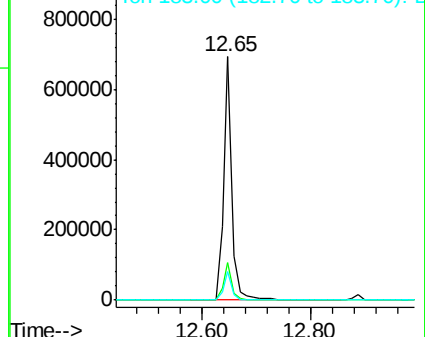
183 11.7 9.2 13.8

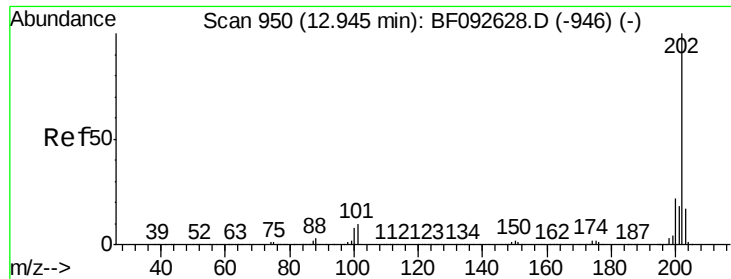


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

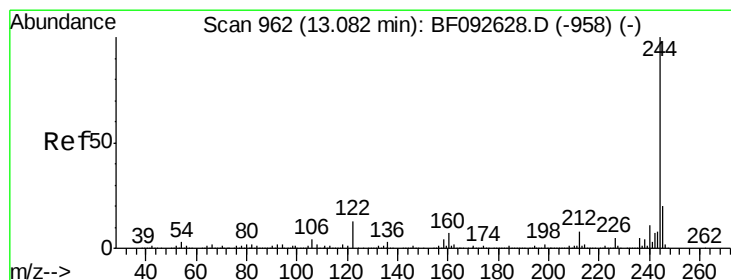
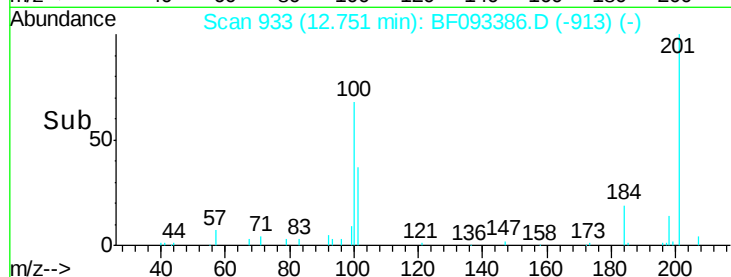
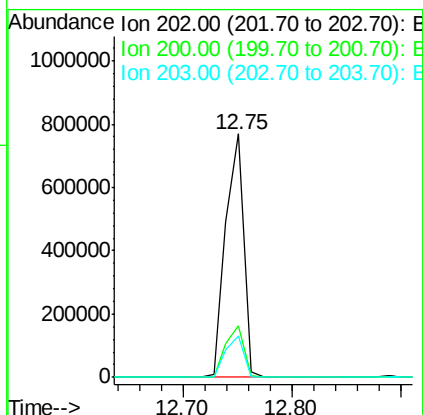
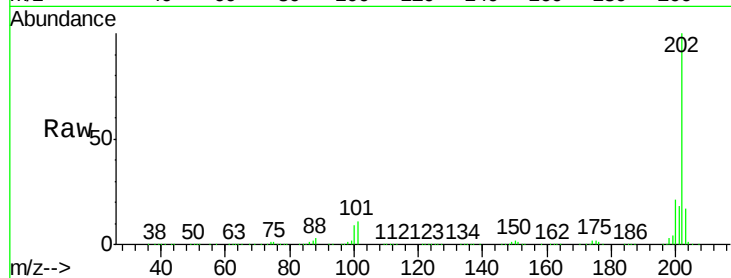




#77
 Pyrene
 Concen: 40.35 ng
 RT: 12.75 min Scan# 933
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

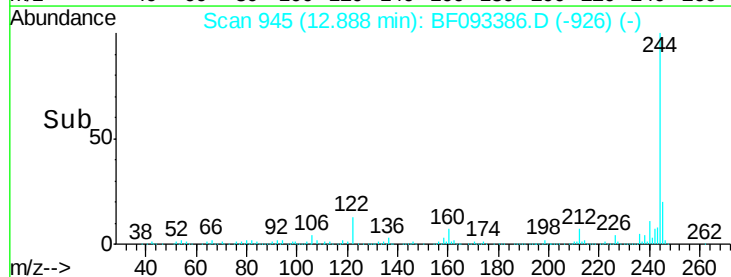
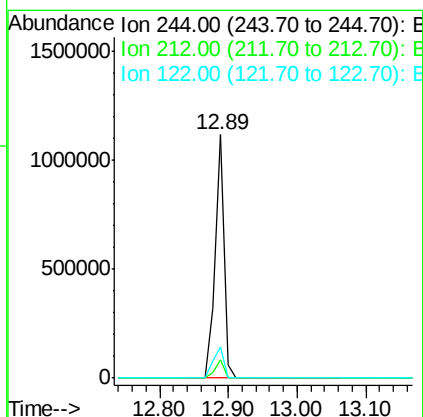
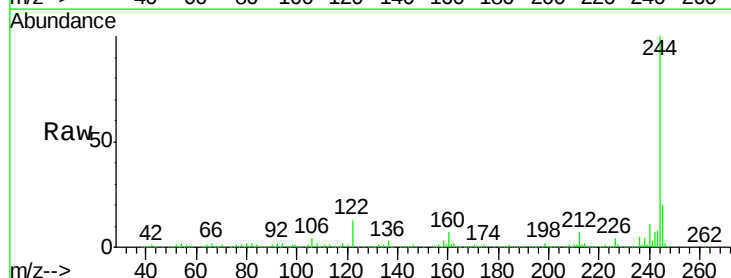
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

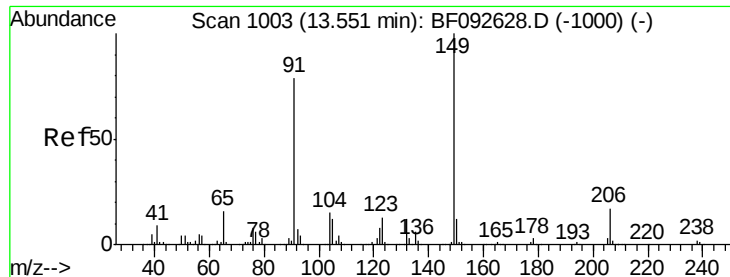
Tgt Ion: 202 Resp: 889612
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.7 26.5
 203 16.8 14.7 22.1



#78
 Terphenyl-d14
 Concen: 82.85 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.08 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion: 244 Resp: 1038655
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 12.7 11.4 17.2

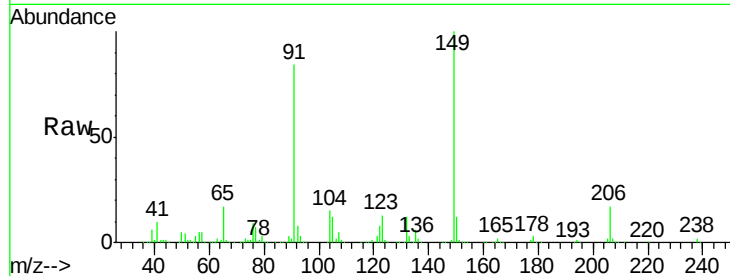




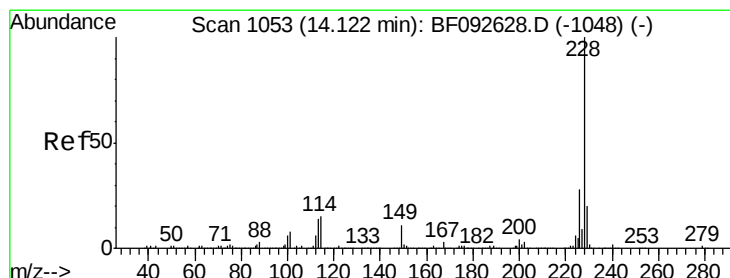
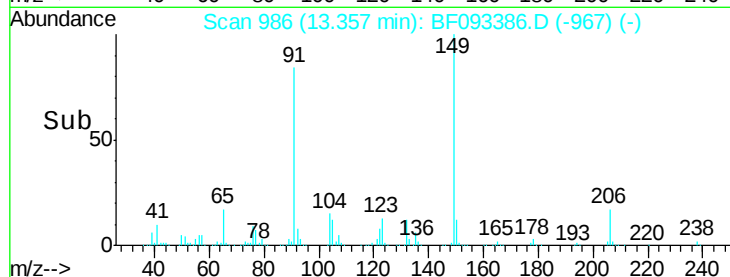
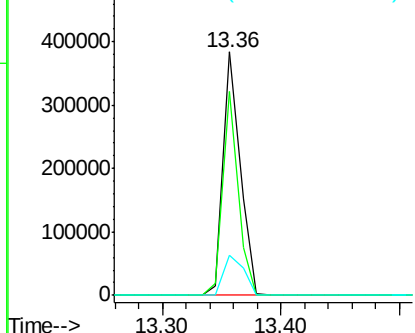
#79
Butylbenzylphthalate
Concen: 42.49 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.08 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 380390
Ion Ratio Lower Upper
149 100
91 83.9 63.9 95.9
206 16.5 14.6 21.8

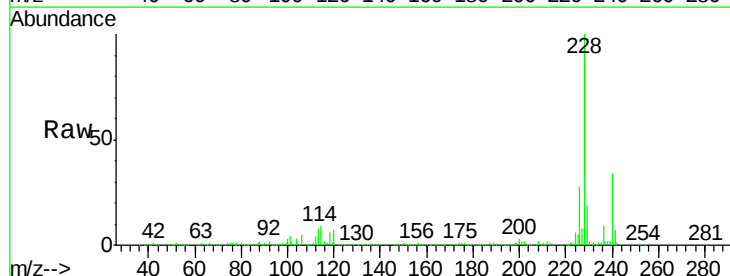


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

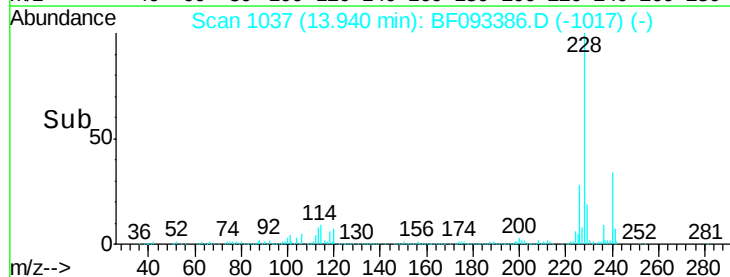
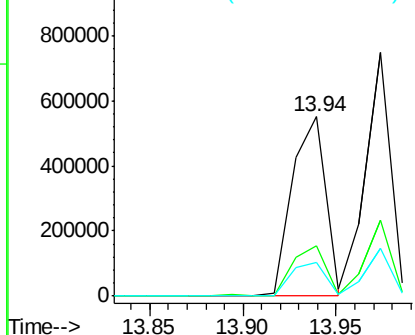


#80
Benzo(a)anthracene
Concen: 38.47 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion:228 Resp: 693105
Ion Ratio Lower Upper
228 100
226 28.1 22.4 33.6
229 19.0 16.2 24.4



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

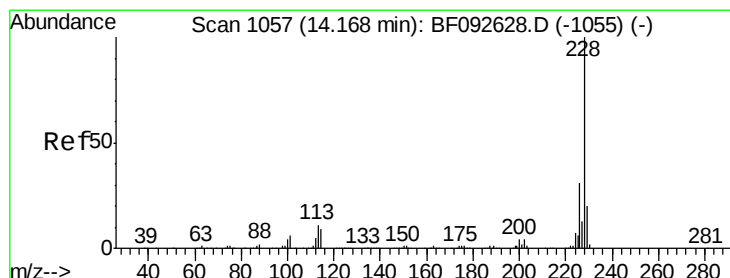
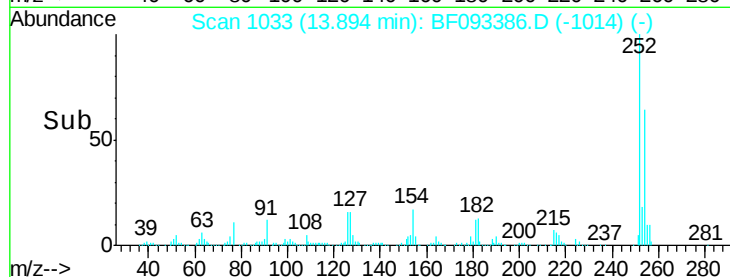
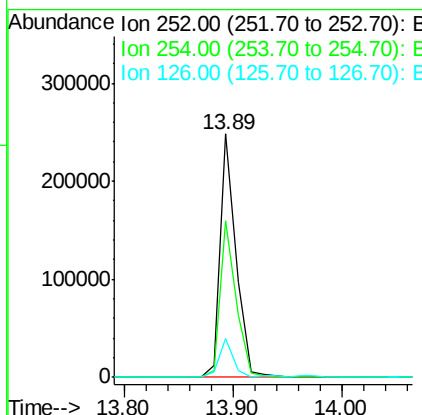
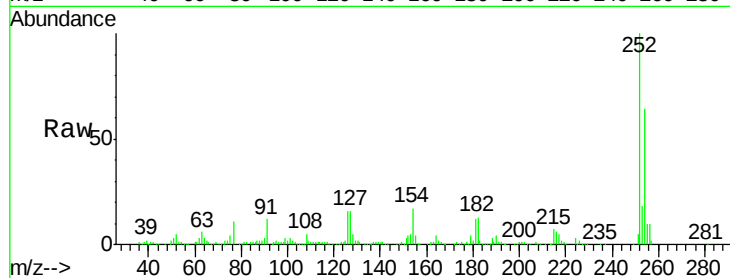




#81
 3,3'-Dichlorobenzidine
 Concen: 39.49 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.08 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

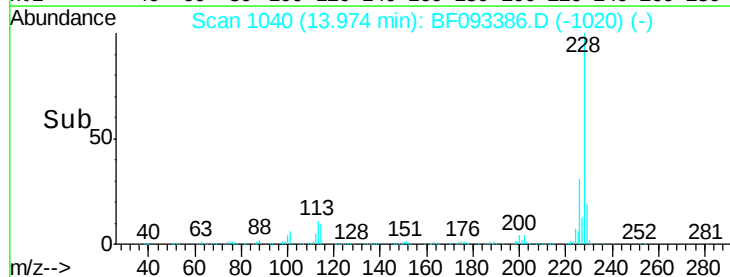
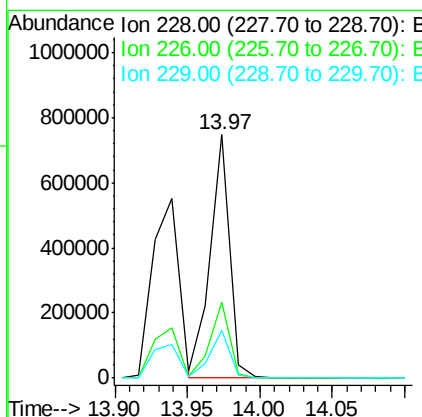
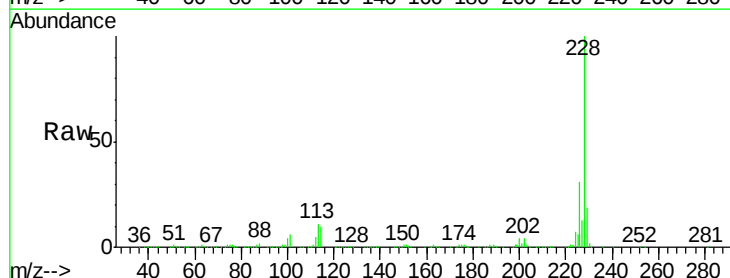
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

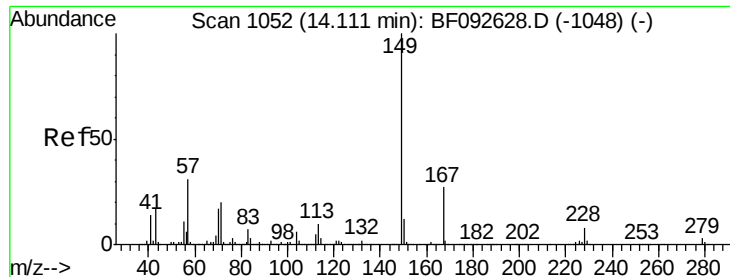
Tgt Ion:252 Resp: 253642
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.3 78.5
 126 15.9 13.6 20.4



#82
 Chrysene
 Concen: 41.32 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion:228 Resp: 696973
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.0
 229 19.5 16.2 24.2

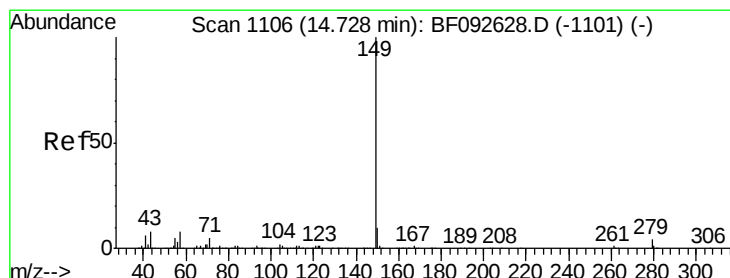
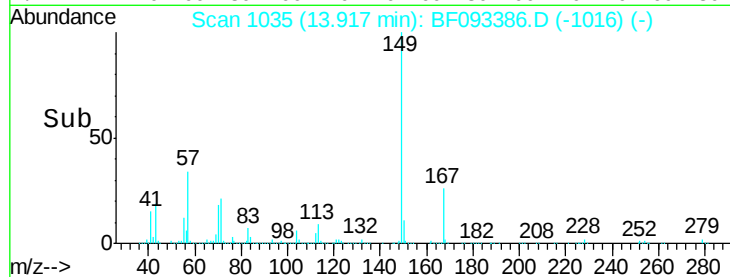
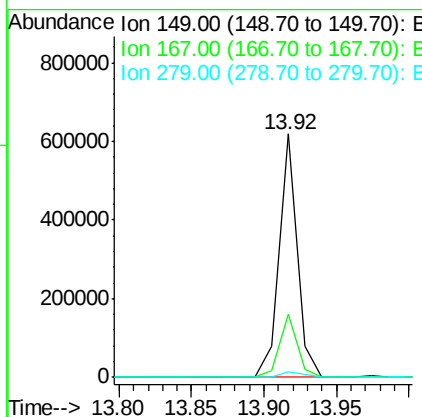
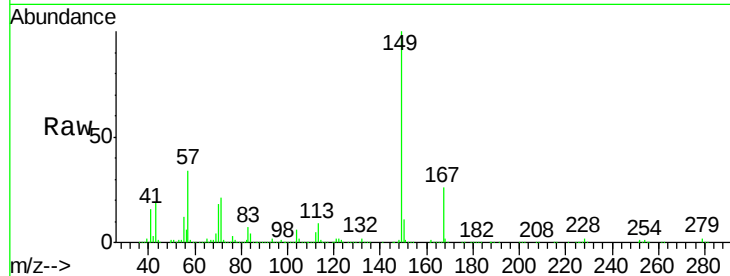




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.66 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.08 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

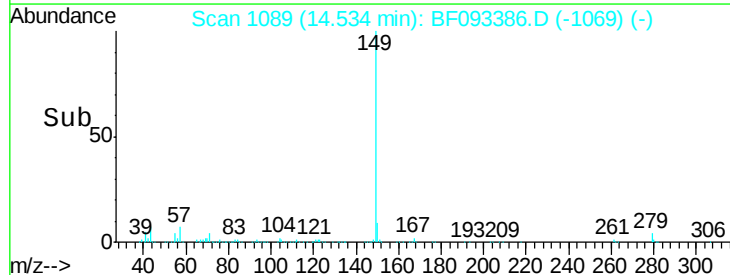
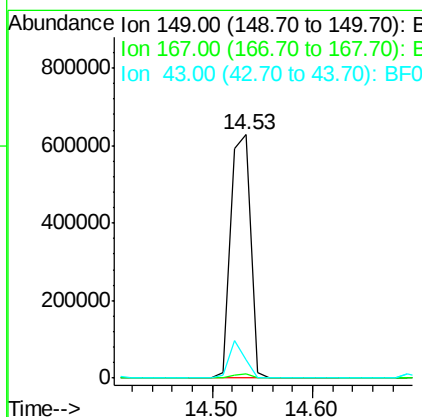
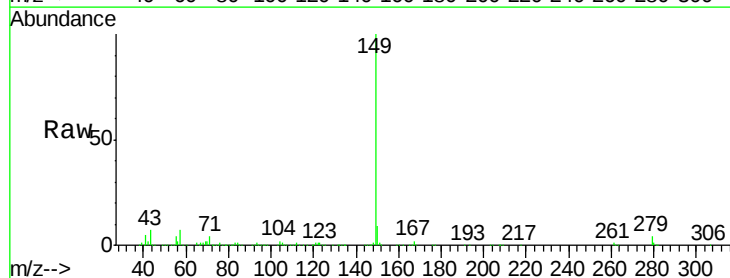
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

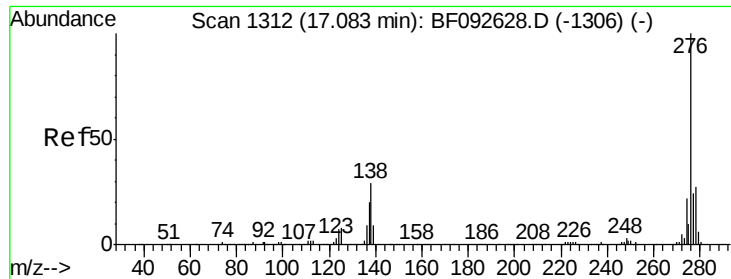
Tgt Ion:149 Resp: 534505
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.2 30.4
 279 2.5 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 43.14 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion:149 Resp: 860031
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 11.9 8.9 13.3

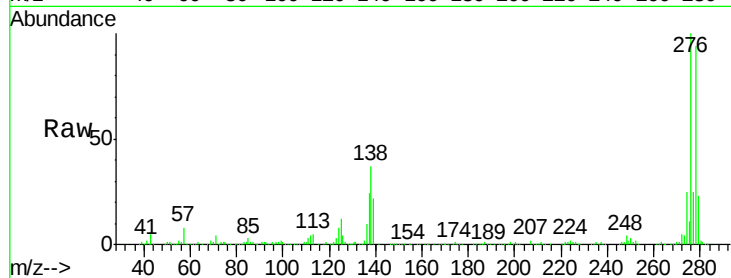




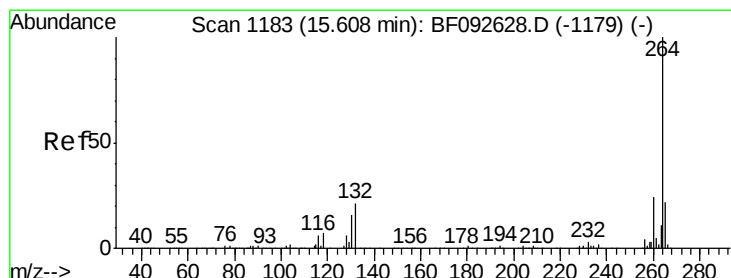
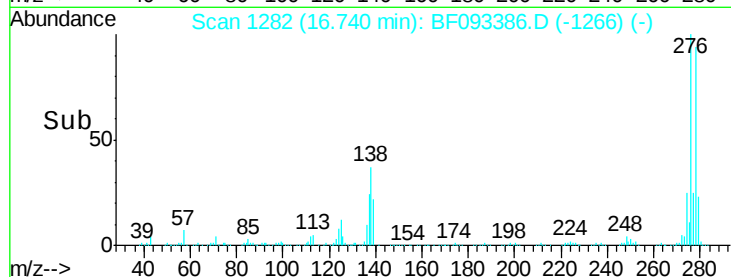
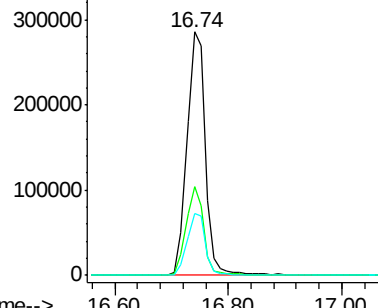
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.79 ng
 RT: 16.74 min Scan# 1282
 Delta R.T. -0.11 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion: 276 Resp: 637526
 Ion Ratio Lower Upper
 276 100
 138 34.5 21.8 32.6#
 277 25.4 20.2 30.4

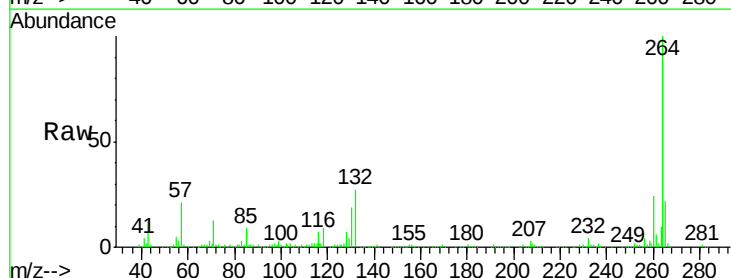


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

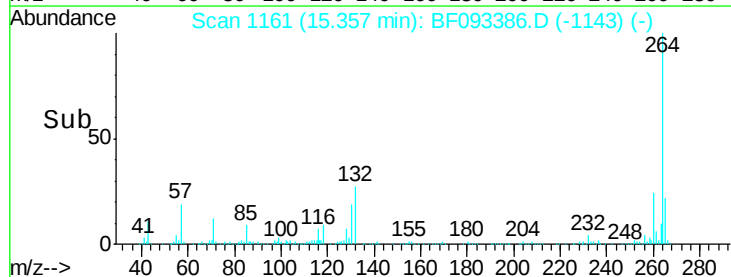
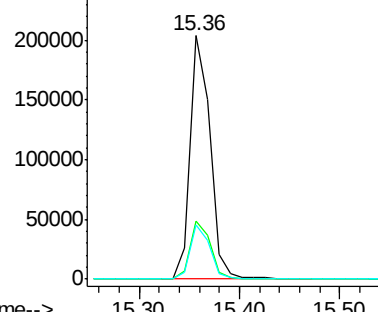


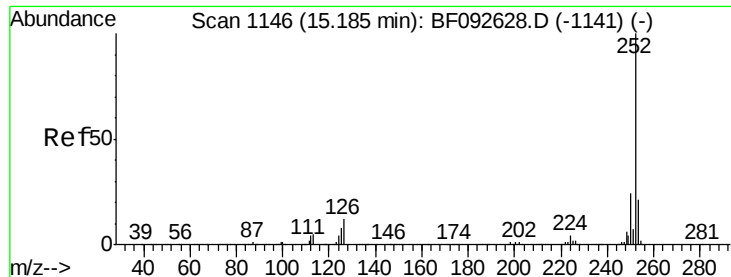
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.09 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion: 264 Resp: 282441
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.0 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

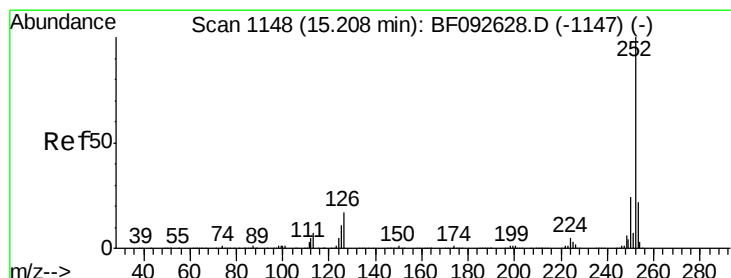
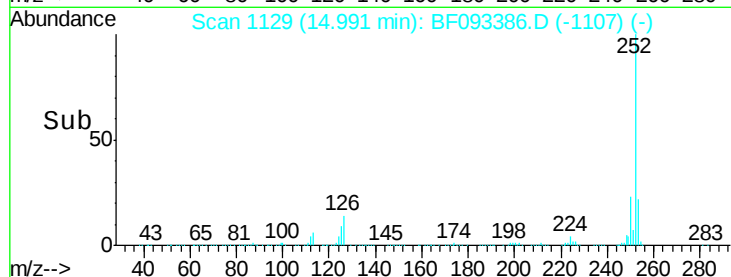
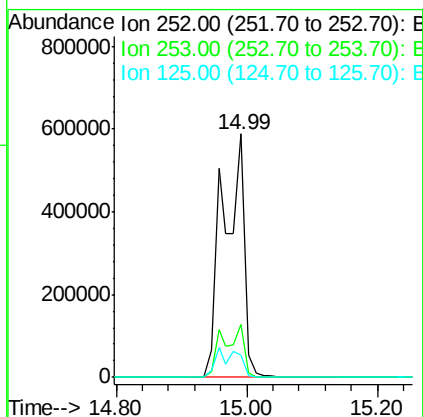
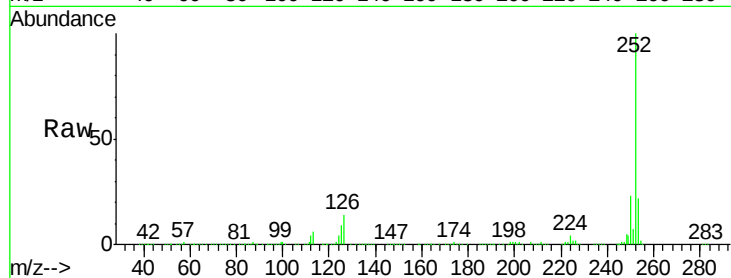




#87
Benzo(b)fluoranthene
Concen: 71.44 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

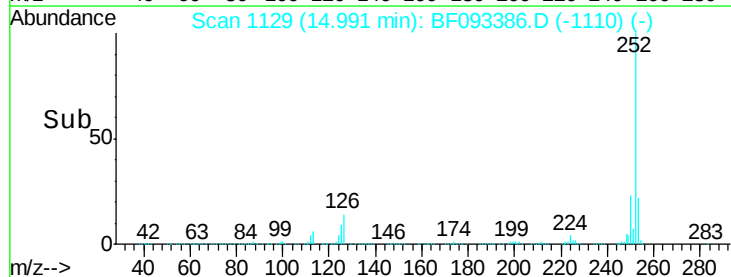
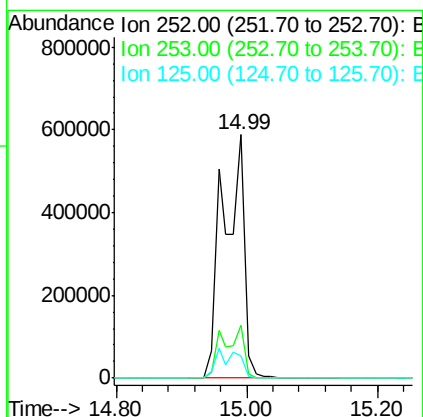
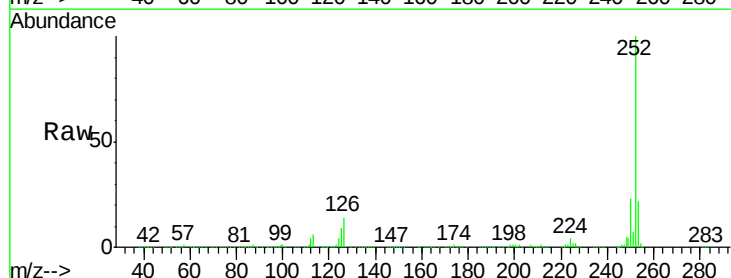
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

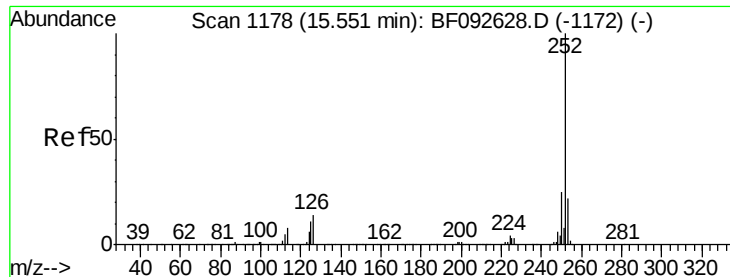
Tgt Ion:252 Resp: 1328083
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 9.3 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 82.74 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.08 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion:252 Resp: 1328083
Ion Ratio Lower Upper
252 100
253 21.8 18.5 27.7
125 9.3 8.9 13.3





#89

Benzo(a)pyrene

Concen: 40.68 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.08 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

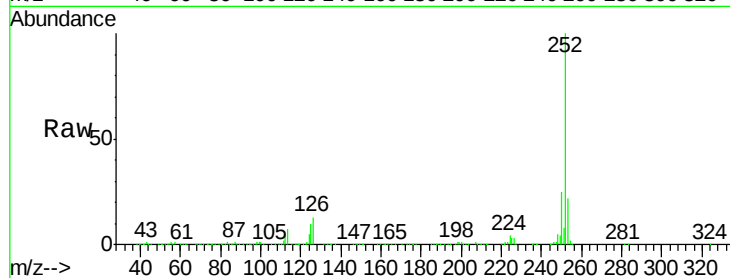
Tgt Ion: 252 Resp: 654201

Ion Ratio Lower Upper

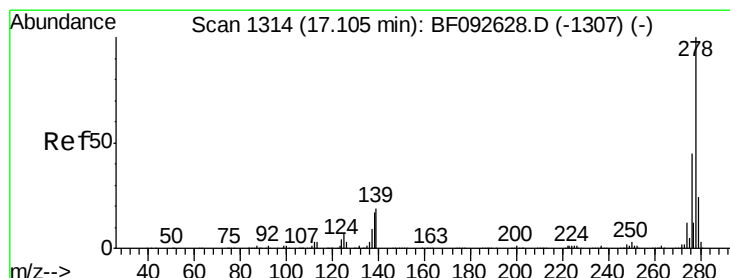
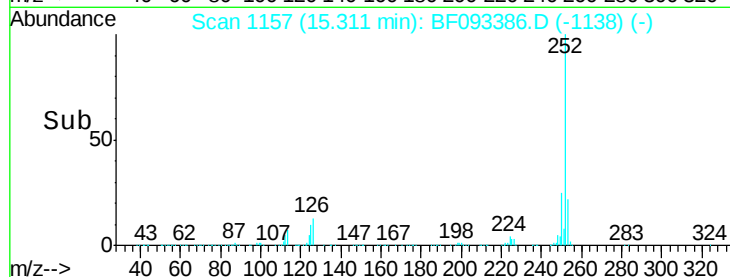
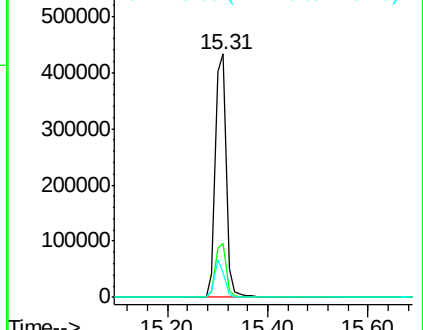
252 100

253 22.1 18.2 27.2

125 10.0 10.0 15.0



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: 42.95 ng

RT: 16.75 min Scan# 1283

Delta R.T. -0.11 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

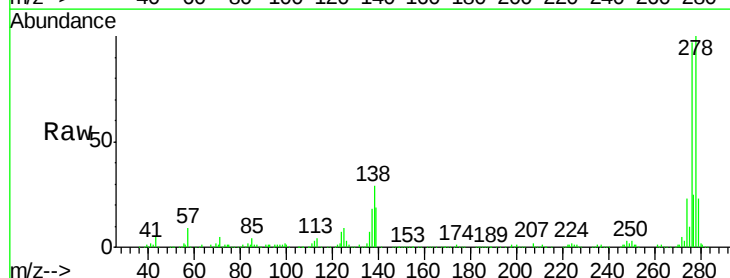
Tgt Ion: 278 Resp: 558263

Ion Ratio Lower Upper

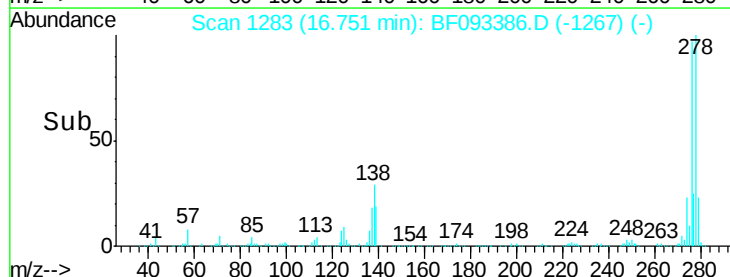
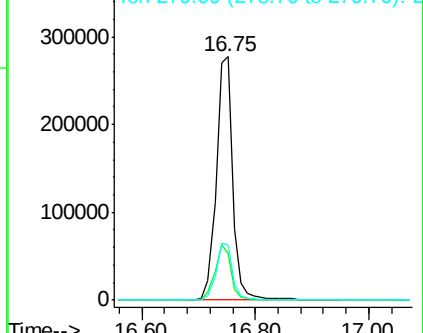
278 100

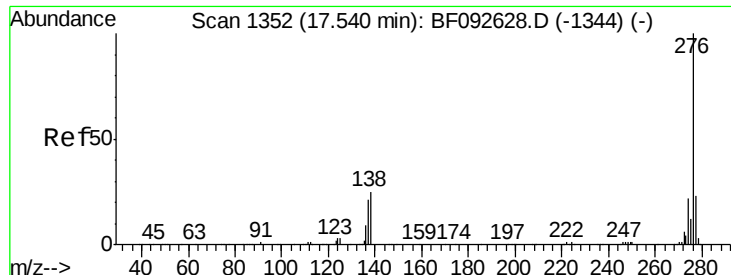
139 19.1 14.8 22.2

279 23.0 19.8 29.6



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(g,h,i)perylene

Concen: 41.55 ng

RT: 17.15 min Scan# 1318

Delta R.T. -0.14 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

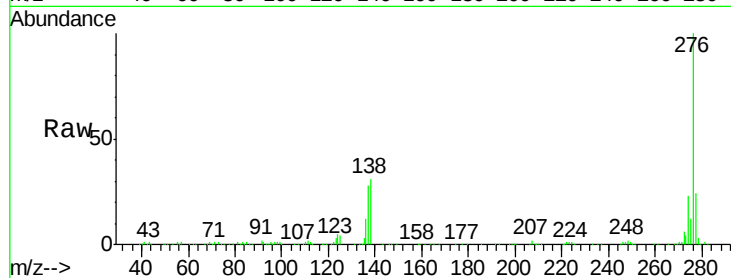
Tgt Ion: 276 Resp: 545540

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 31.1 16.0 24.0#



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

