

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021617\
 Data File : BF092984.D
 Acq On : 16 Feb 2017 16:38
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 16 18:05:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	476498	20.00	ng	0.13
21) Naphthalene-d8	8.14	136	668791	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	342848	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	588651	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	496601	20.00	ng	-0.03
86) Perylene-d12	15.45	264	414159	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	728325	26.22	ng	-0.03
7) Phenol-d6	6.50	99	930088	26.03	ng	-0.03
23) Nitrobenzene-d5	7.42	82	922934	76.85	ng	-0.03
41) 2,4,6-Tribromophenol	10.68	330	191590	77.26	ng	-0.03
44) 2-Fluorobiphenyl	9.22	172	1377740	72.80	ng	-0.02
78) Terphenyl-d14	12.97	244	1648437	78.00	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	207822	13.85	ng	87
3) Pyridine	3.17	79	568131	14.89	ng	88
4) n-Nitrosodimethylamine	3.13	42	243041	13.56	ng	85
6) Aniline	6.60	93	482161	9.89	ng	# 22
8) 2-Chlorophenol	6.65	128	435589	14.22	ng	95
9) Benzaldehyde	6.41	77	314817	12.30	ng	96
10) Phenol	6.51	94	542465	12.97	ng	88
11) bis(2-Chloroethyl)ether	6.60	93	482161	14.45	ng	99
12) 1,3-Dichlorobenzene	7.04	146	441289	12.30	ng	97
13) 1,4-Dichlorobenzene	6.88	146	497506	13.70	ng	97
14) 1,2-Dichlorobenzene	7.04	146	441289	12.71	ng	# 93
15) Benzyl Alcohol	7.00	79	337855	12.77	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	797116	13.75	ng	93
17) 2-Methylphenol	7.13	107	381853	14.53	ng	97
18) Hexachloroethane	7.37	117	165501	13.35	ng	91
19) n-Nitroso-di-n-propylamine	7.28	70	304816	13.40	ng	93
20) 3+4-Methylphenols	7.28	107	403787	12.85	ng	# 82
22) Acetophenone	7.28	105	571752	37.44	ng	# 93
24) Nitrobenzene	7.45	77	503782	40.85	ng	97
25) Isophorone	7.69	82	894320	39.96	ng	97
26) 2-Nitrophenol	7.77	139	243692	41.57	ng	# 78
27) 2,4-Dimethylphenol	7.80	122	380705	36.98	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	538838	36.35	ng	99
29) 2,4-Dichlorophenol	8.01	162	387593	40.37	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	401050	38.76	ng	97
31) Naphthalene	8.17	128	1309439	38.62	ng	99
32) Benzoic acid	7.94	122	211749	38.05	ng	98
33) 4-Chloroaniline	8.21	127	507281	38.15	ng	# 94
34) Hexachlorobutadiene	8.28	225	206547	36.28	ng	99
35) Caprolactam	8.60	113	128027	42.39	ng	# 49
36) 4-Chloro-3-methylphenol	8.70	107	413632	41.32	ng	98
37) 2-Methylnaphthalene	8.85	142	778984	35.79	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	406334	42.22	ng	99
40) Hexachlorocyclopentadiene	9.01	237	157791	36.34	ng	99

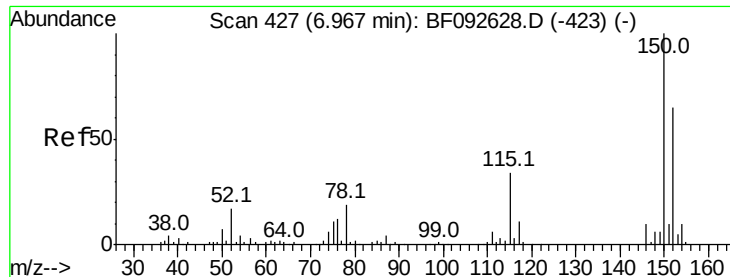
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021617\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	261161	41.30	nq	95
43) 2,4,5-Trichlorophenol	9.17	196	272199	39.28	nq	96
45) 1,1'-Biphenyl	9.32	154	1050264	42.30	nq	98
46) 2-Chloronaphthalene	9.34	162	789645	40.66	nq	97
47) 2-Nitroaniline	9.45	65	288231	44.14	nq	# 78
48) Acenaphthylene	9.76	152	1232751	36.74	nq	99
49) Dimethylphthalate	9.63	163	965399	41.81	nq	99
50) 2,6-Dinitrotoluene	9.69	165	221783	44.47	nq	# 91
51) Acenaphthene	9.93	154	771467	38.46	nq	97
52) 3-Nitroaniline	9.86	138	269727	47.26	nq	89
53) 2,4-Dinitrophenol	9.96	184	117627	48.35	nq	# 75
54) Dibenzofuran	10.10	168	963050	35.90	nq	97
55) 4-Nitrophenol	10.02	139	161130	39.20	nq	94
56) 2,4-Dinitrotoluene	10.09	165	251035	37.81	nq	97
57) Fluorene	10.44	166	797737	38.65	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	202373	43.78	nq	96
59) Diethylphthalate	10.32	149	836282	38.43	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	372754	37.59	nq	97
61) 4-Nitroaniline	10.46	138	256280	43.84	nq	92
62) Azobenzene	10.59	77	920521	40.94	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	170608	47.64	nq	81
65) n-Nitrosodiphenylamine	10.56	169	723212	38.46	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	224925	36.57	nq	97
67) Hexachlorobenzene	10.99	284	234525	38.59	nq	# 93
68) Atrazine	11.08	200	210059	34.81	nq	100
69) Pentachlorophenol	11.19	266	136674	46.84	nq	98
70) Phenanthrene	11.40	178	1189011	35.26	nq	99
71) Anthracene	11.46	178	1406785	41.54	nq	98
72) Carbazole	11.61	167	1236012	38.18	nq	98
73) Di-n-butylphthalate	11.94	149	1351464	38.60	nq	# 97
74) Fluoranthene	12.59	202	1333469	38.33	nq	96
76) Benzidine	12.72	184	551433	26.06	nq	100
77) Pyrene	12.82	202	1343752	36.16	nq	99
79) Butylbenzylphthalate	13.44	149	620755	41.13	nq	88
80) Benzo(a)anthracene	14.01	228	1079682	35.55	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	442286	40.85	nq	# 96
82) Chrysene	14.04	228	1016589	35.75	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	809464	39.22	nq	# 96
84) Di-n-octyl phthalate	14.60	149	1358175	40.41	nq	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	841975	38.22	nq	# 94
87) Benzo(b)fluoranthene	15.04	252	1065430	39.08	nq	97
88) Benzo(k)fluoranthene	15.04	252	1065430	45.27	nq	98
89) Benzo(a)pyrene	15.39	252	952584	40.40	nq	96
90) Dibenzo(a,h)anthracene	16.87	278	726557	38.12	nq	98
91) Benzo(g,h,i)perylene	17.28	276	718044	37.30	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.13 min

Lab File: BF092984.D

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Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

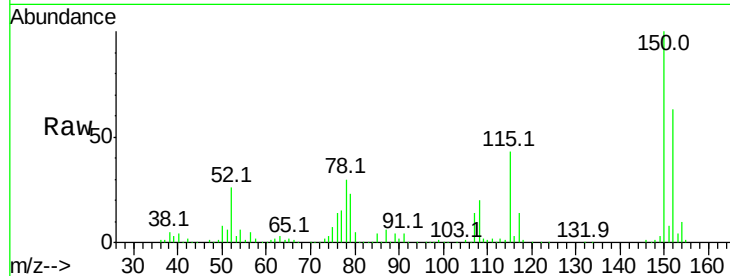
Tot Ion:152 Resp: 476498

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

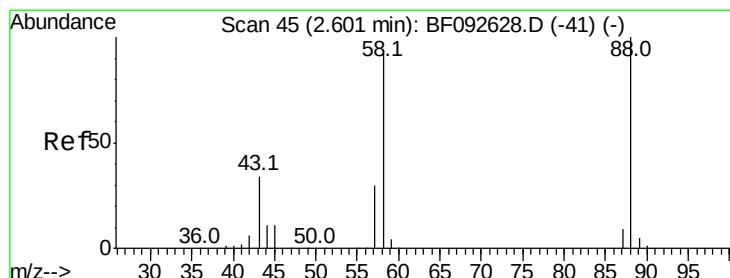
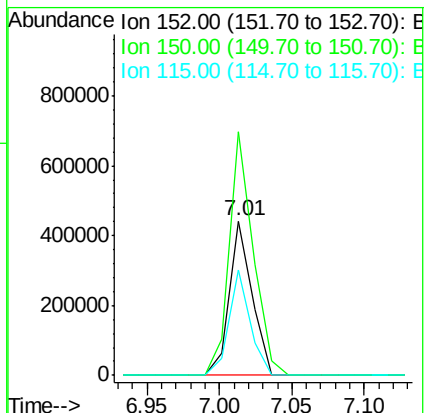
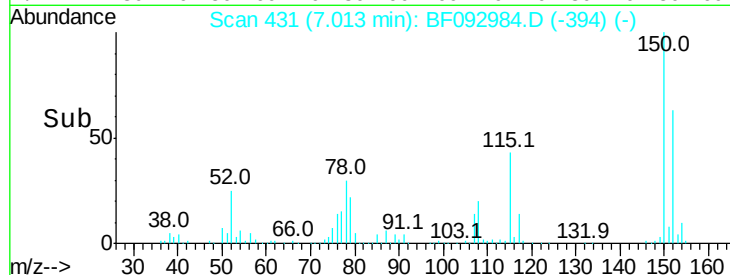
115 68.4 46.0 69.0



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: 13.85 ng

RT: 2.44 min Scan# 31

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

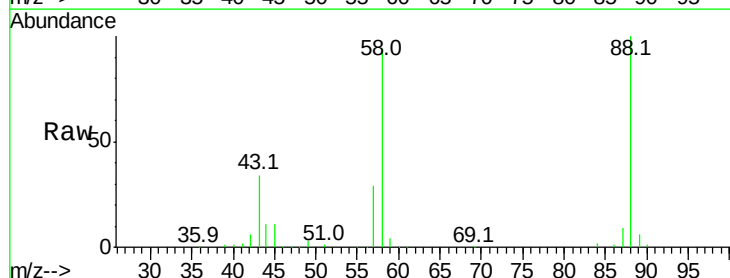
Tgt Ion: 88 Resp: 207822

Ion Ratio Lower Upper

88 100

58 86.1 57.8 86.8

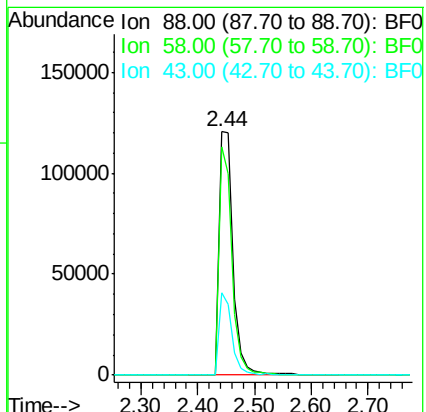
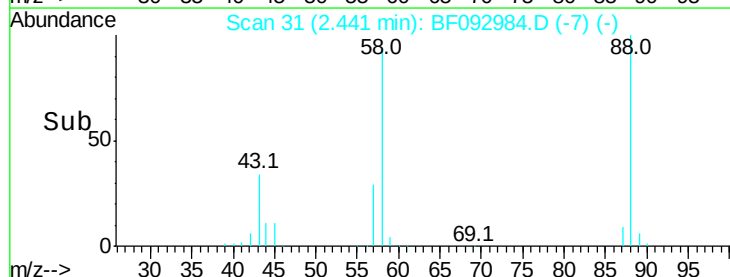
43 30.8 22.3 33.5

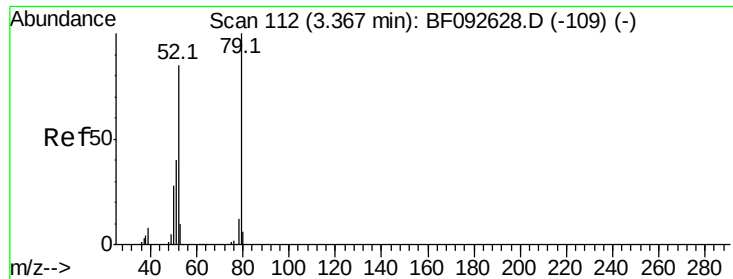


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 14.89 ng

RT: 3.17 min Scan# 95

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

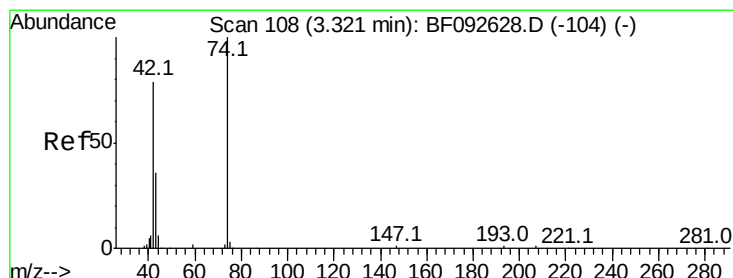
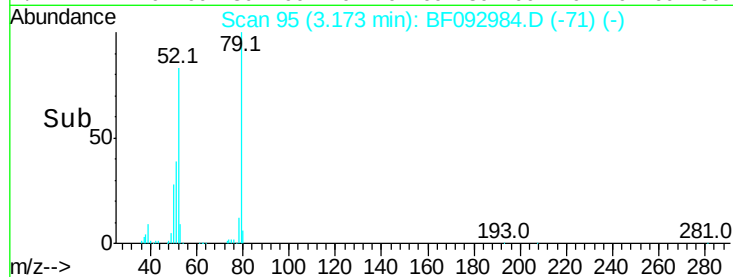
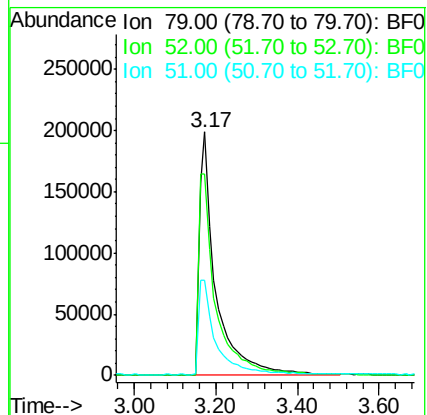
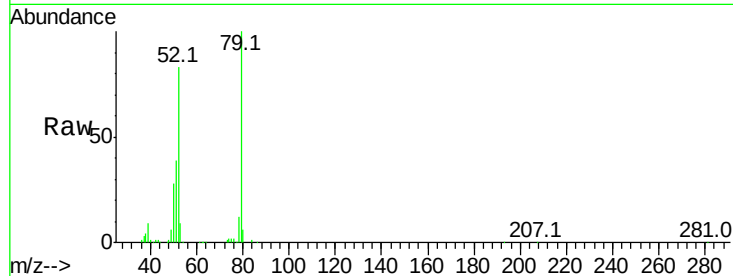
Tot Ion: 79 Resp: 568131

Ion Ratio Lower Upper

79 100

52 82.8 57.1 85.7

51 38.9 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 13.56 ng

RT: 3.13 min Scan# 91

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

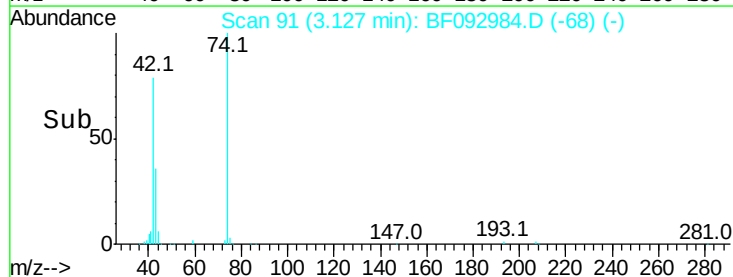
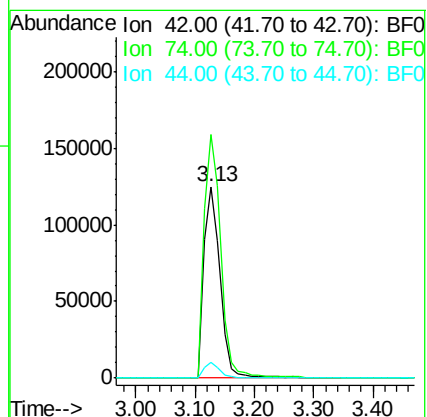
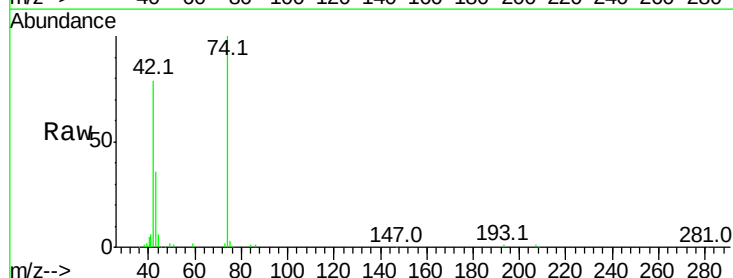
Tgt Ion: 42 Resp: 243041

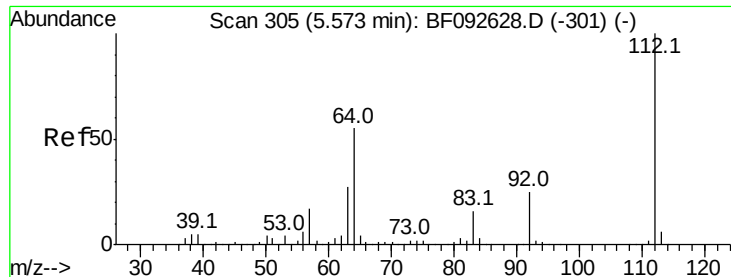
Ion Ratio Lower Upper

42 100

74 127.4 117.0 175.4

44 8.1 5.5 8.3

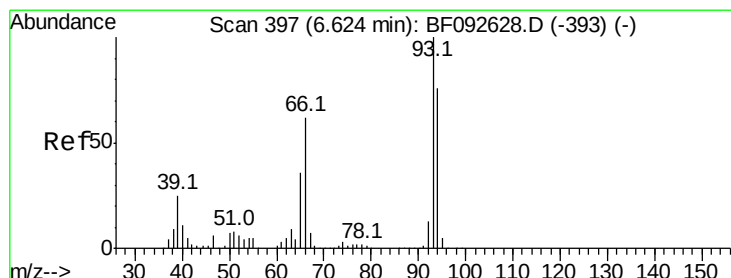
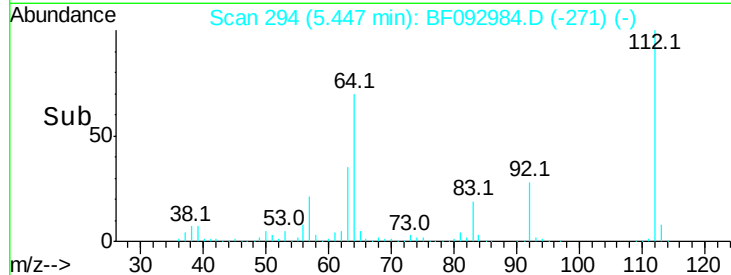
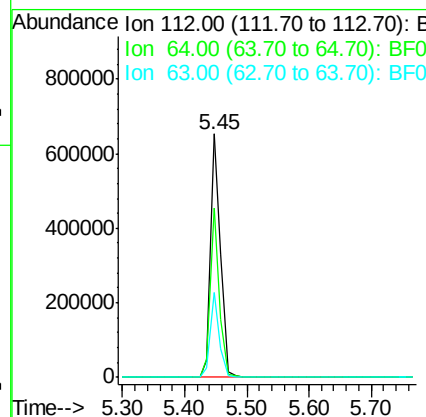
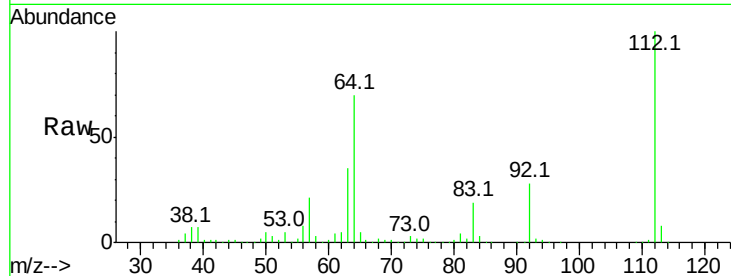




#5
 2-Fluorophenol
 Concen: 26.22 ng
 RT: 5.45 min Scan# 294
 Delta R.T. -0.03 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

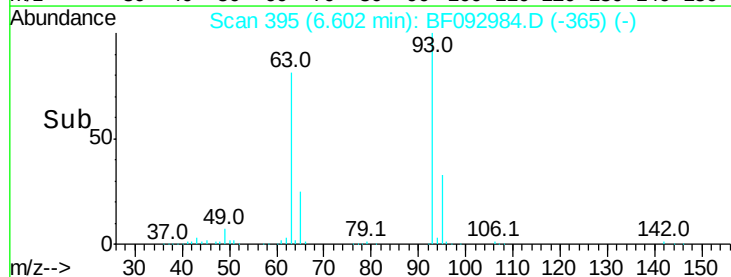
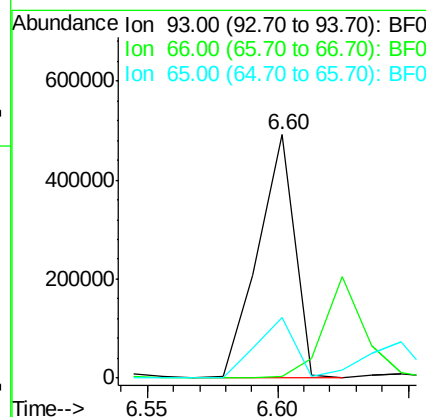
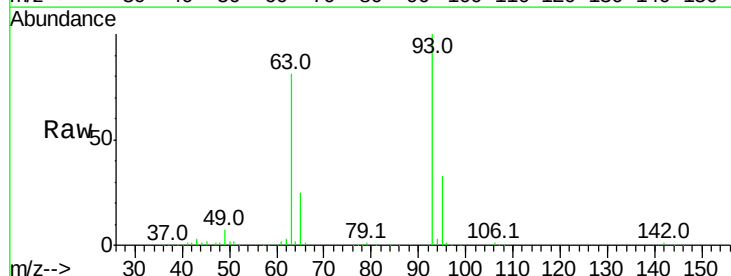
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

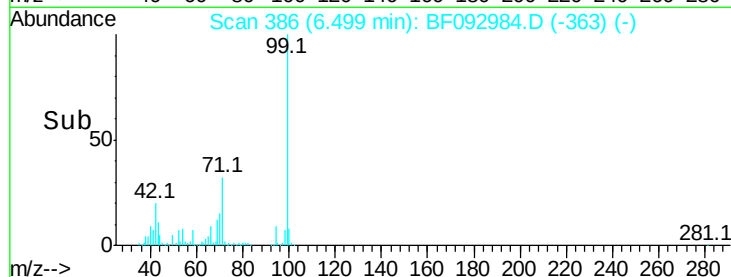
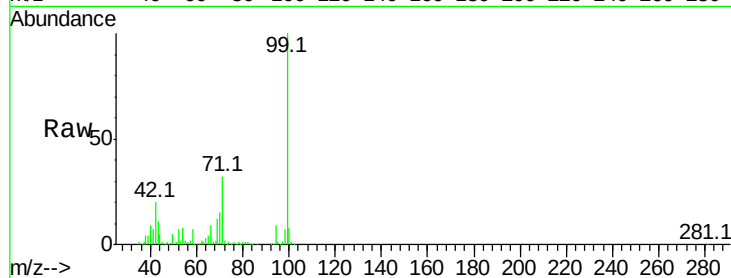
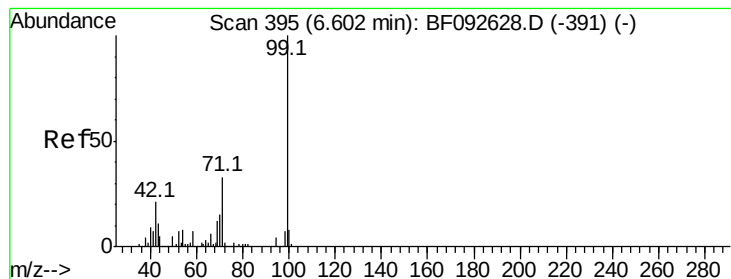
Tot Ion:	112	Resp:	728325
Ion Ratio	Lower	Upper	
112	100		
64	69.5	46.1	69.1#
63	34.8	23.8	35.6



#6
 Aniline
 Concen: 9.89 ng
 RT: 6.60 min Scan# 395
 Delta R.T. 0.05 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

Tgt Ion:	93	Resp:	482161
Ion Ratio	Lower	Upper	
93	100		
66	0.5	76.2	114.2#
65	24.7	49.3	73.9#





#7

Phenol-d6

Concen: 26.03 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

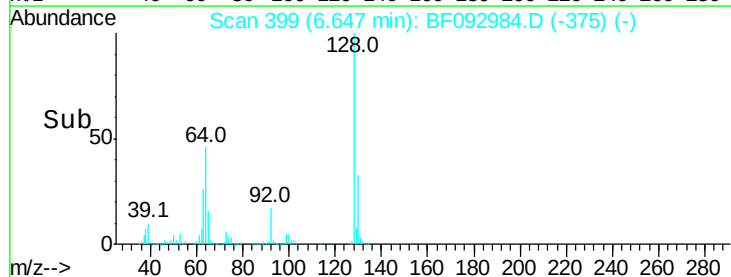
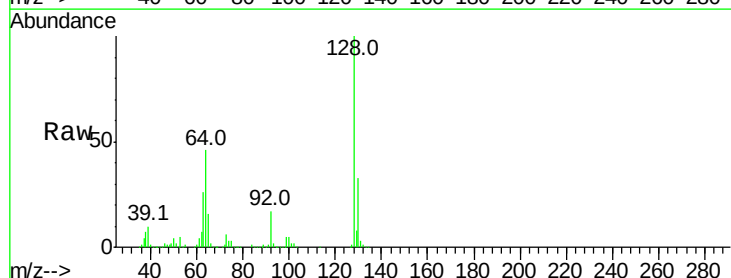
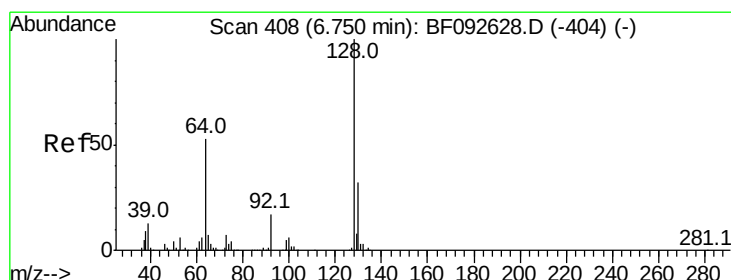
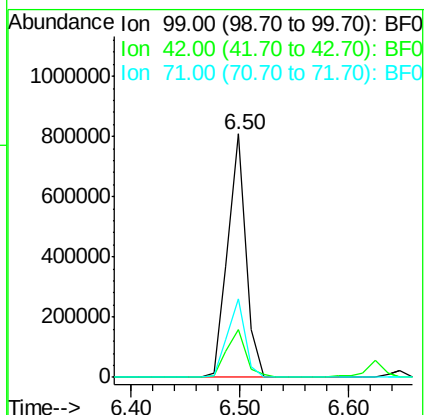
Tot Ion: 99 Resp: 930088

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

71 32.4 27.5 41.3



#8

2-Chlorophenol

Concen: 14.22 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

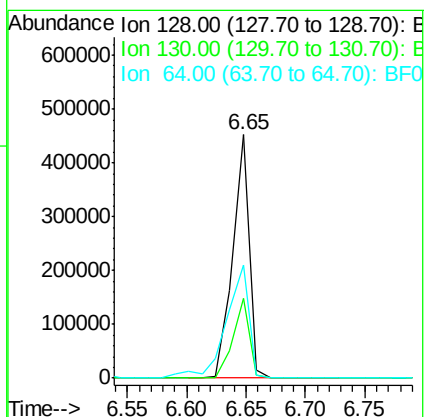
Tgt Ion: 128 Resp: 435589

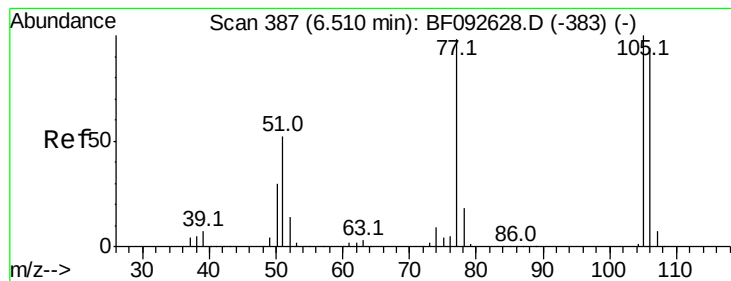
Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

64 46.4 32.2 72.2





#9

Benzaldehyde

Concen: 12.30 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

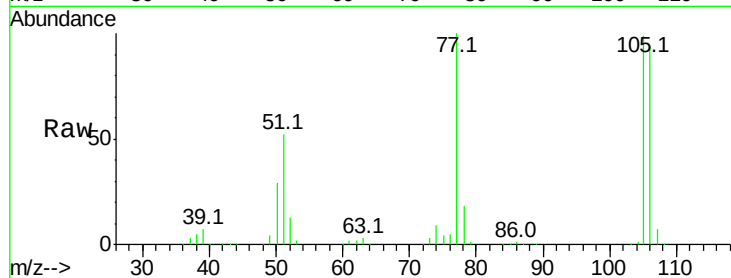
Tot Ion: 77 Resp: 314817

Ion Ratio Lower Upper

77 100

105 99.4 83.9 123.9

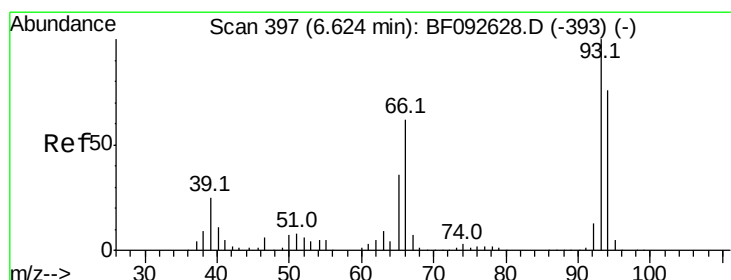
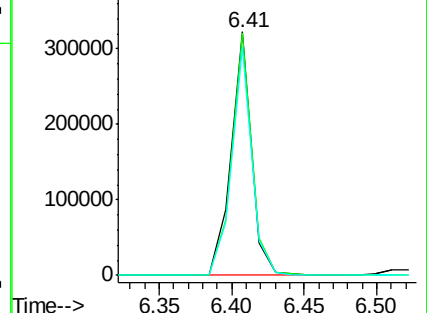
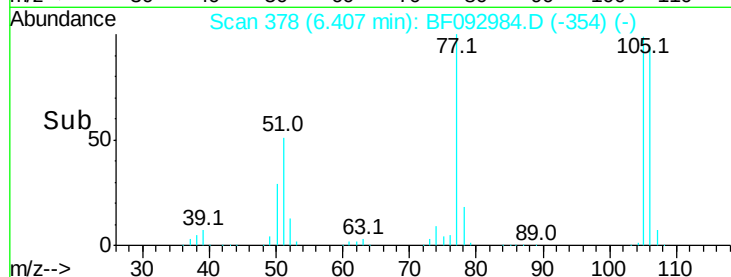
106 93.9 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 12.97 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

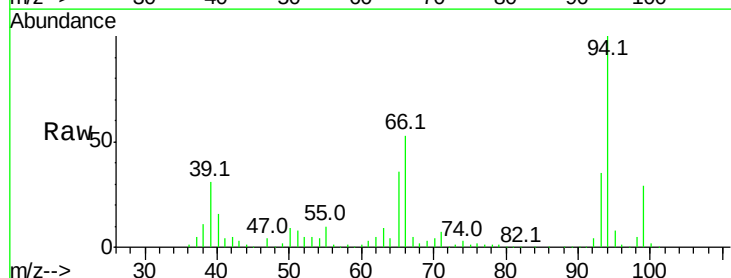
Tgt Ion: 94 Resp: 542465

Ion Ratio Lower Upper

94 100

65 35.8 21.4 61.4

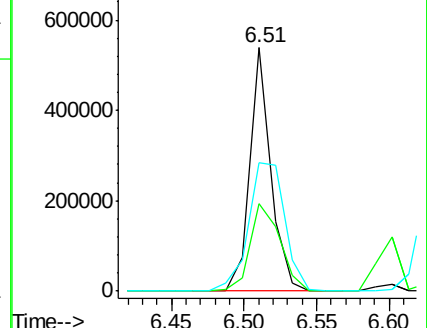
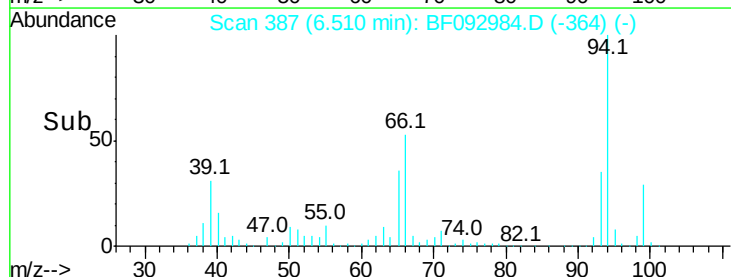
66 52.9 44.0 84.0

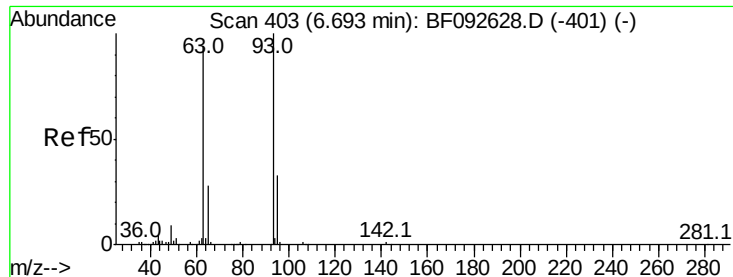


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 14.45 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

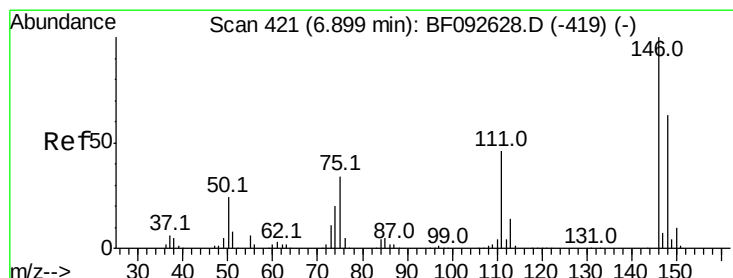
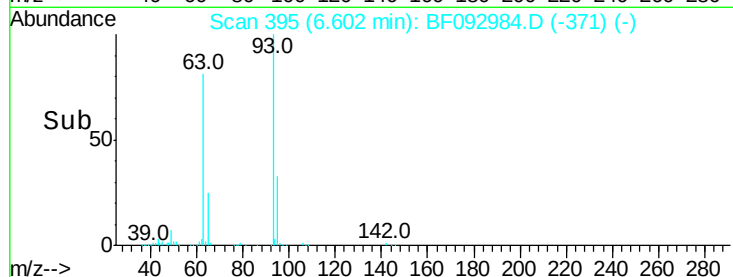
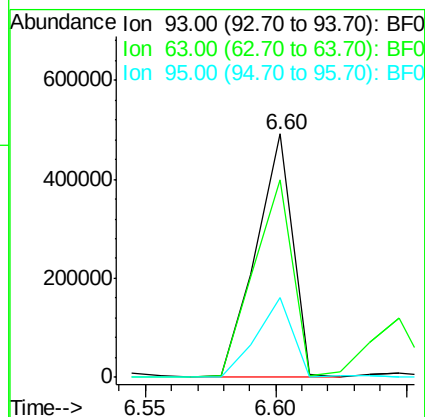
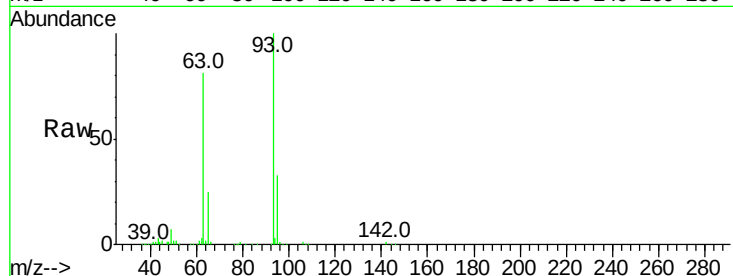
Tot Ion: 93 Resp: 482161

Ion Ratio Lower Upper

93 100

63 81.1 60.4 100.4

95 32.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 12.30 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.21 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

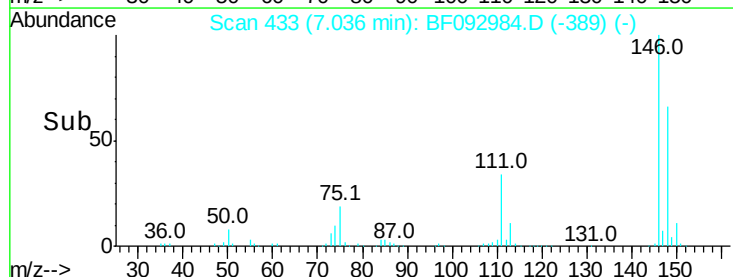
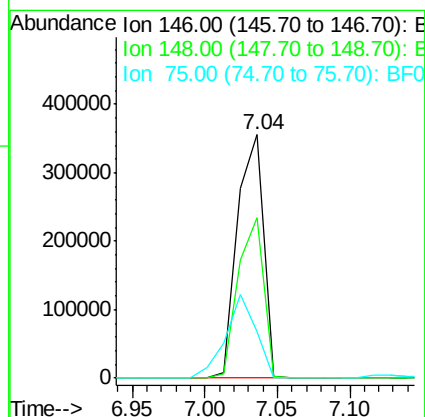
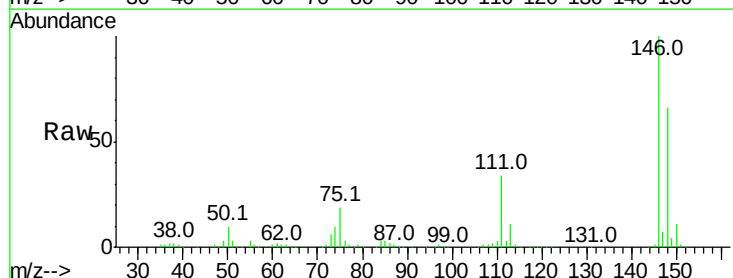
Tgt Ion: 146 Resp: 441289

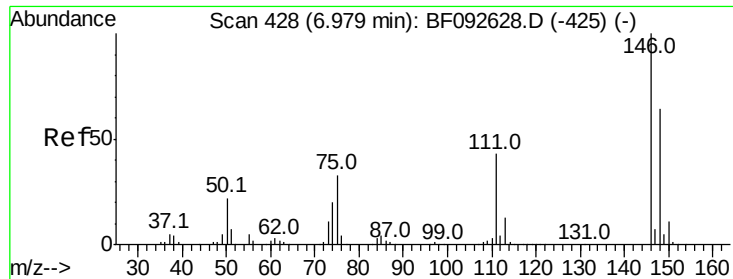
Ion Ratio Lower Upper

146 100

148 65.9 53.4 80.0

75 19.2 18.5 27.7

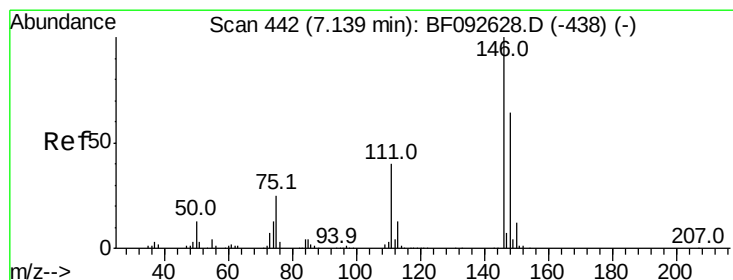
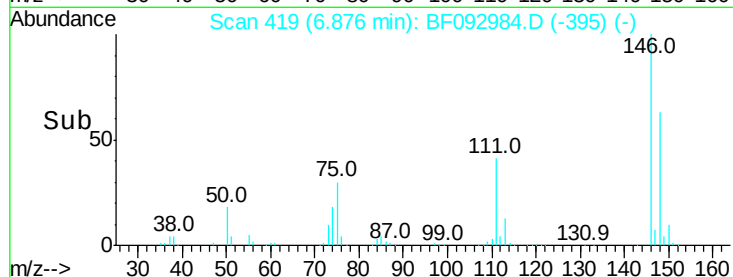
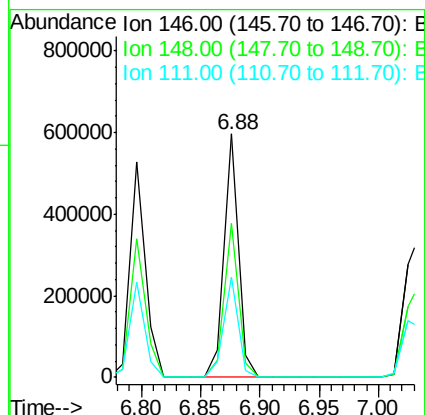
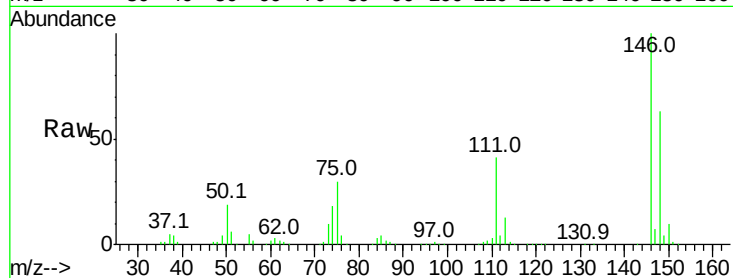




#13
 1,4-Dichlorobenzene
 Concen: 13.70 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

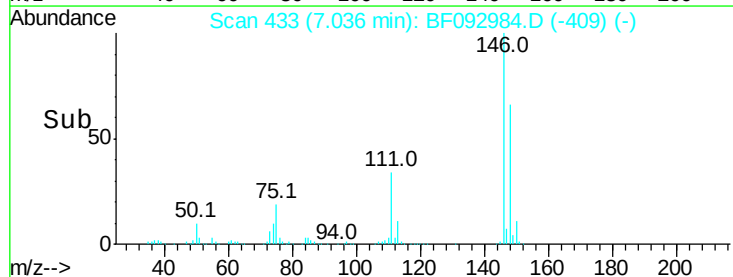
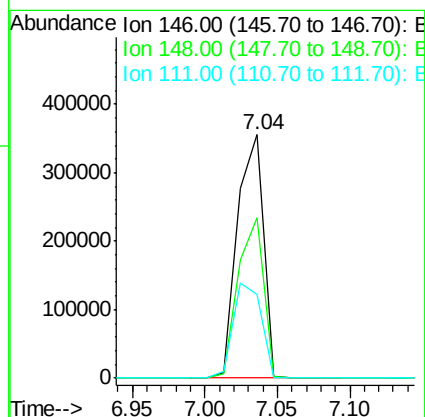
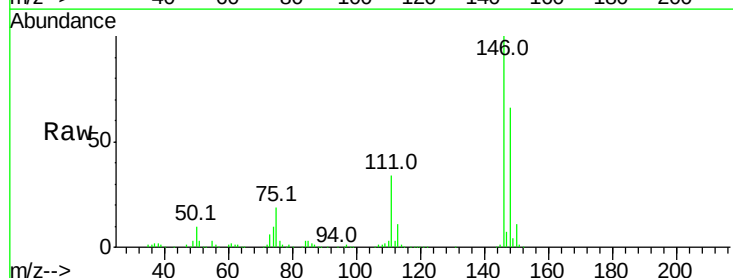
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

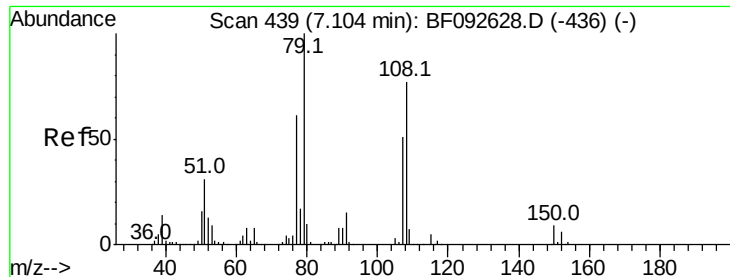
Tot Ion:146 Resp: 497506
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 76.0
 111 41.1 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 12.71 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

Tgt Ion:146 Resp: 441289
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.2 78.2
 111 34.5 36.2 54.2#





#15

Benzyl Alcohol

Concen: 12.77 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

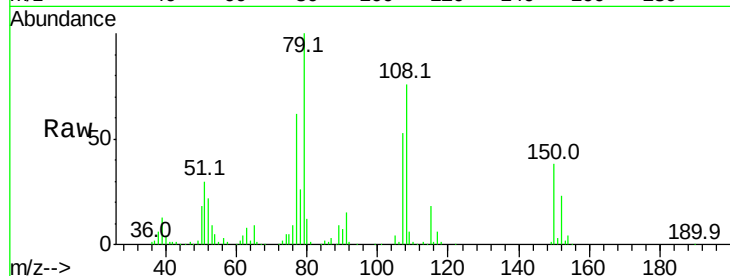
Tot Ion: 79 Resp: 337855

Ion Ratio Lower Upper

79 100

108 76.1 61.4 92.0

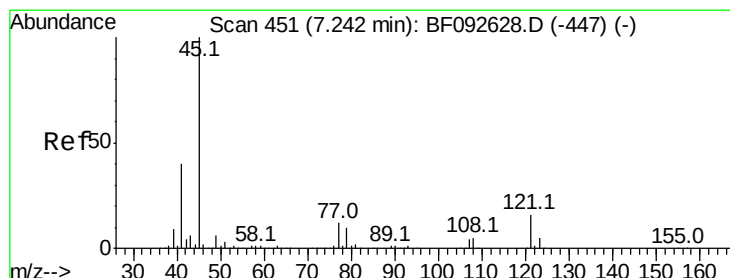
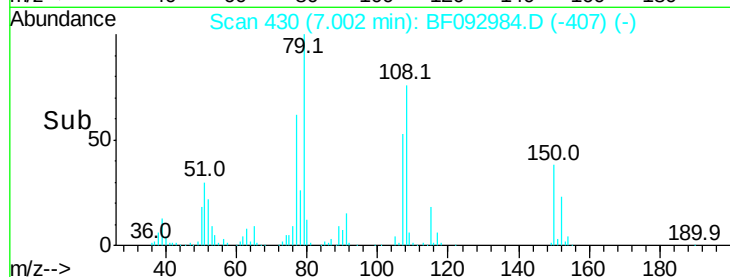
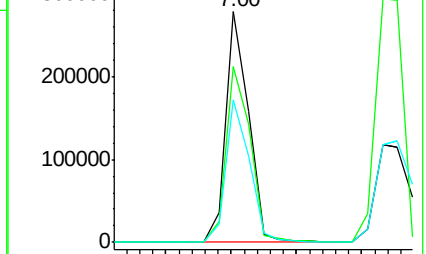
77 61.6 50.9 76.3



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: 13.75 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

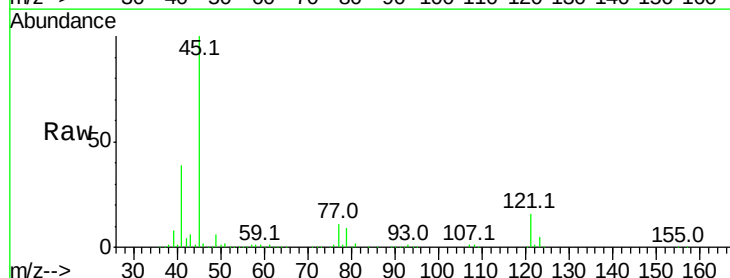
Tgt Ion: 45 Resp: 797116

Ion Ratio Lower Upper

45 100

77 11.3 0.0 34.6

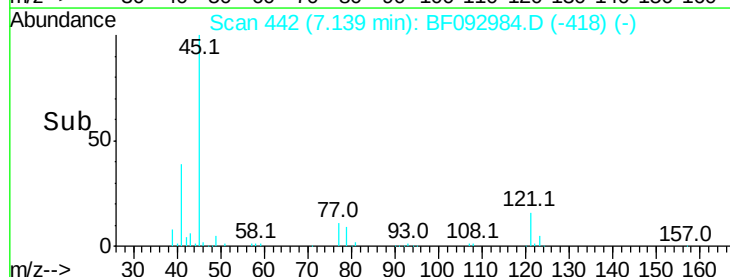
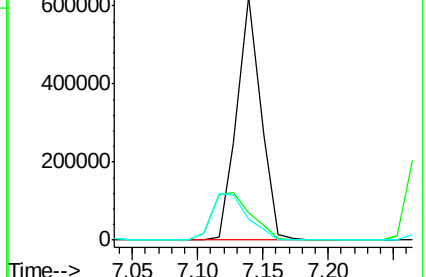
79 8.8 0.0 31.2

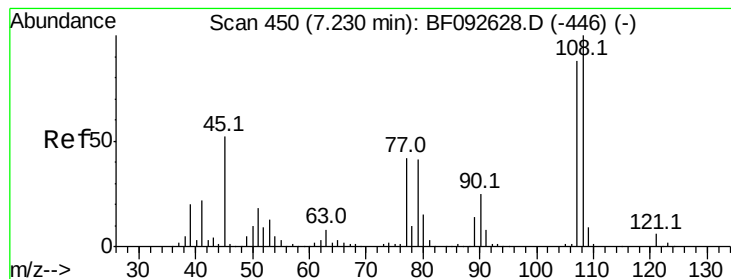


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

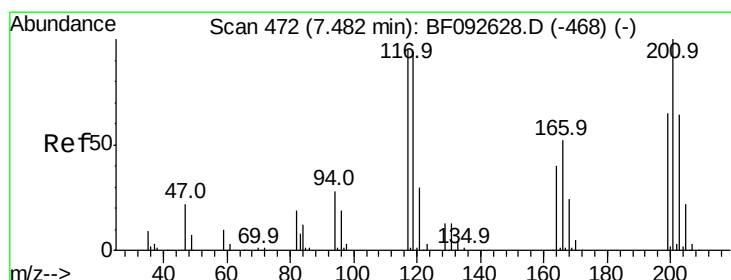
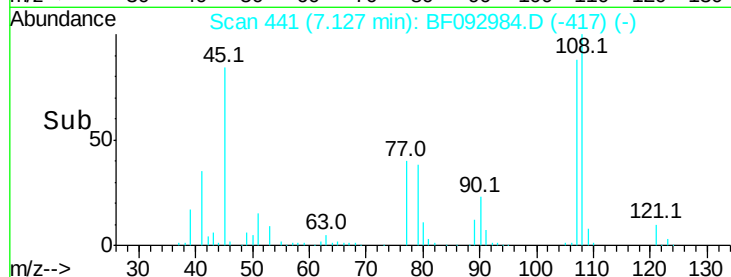
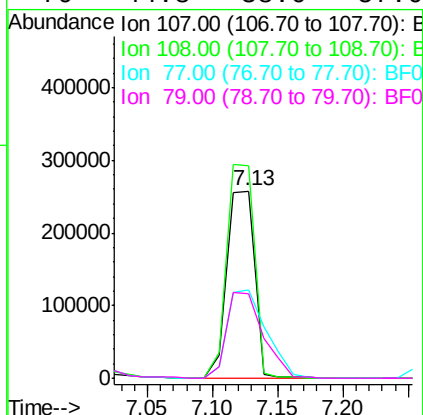
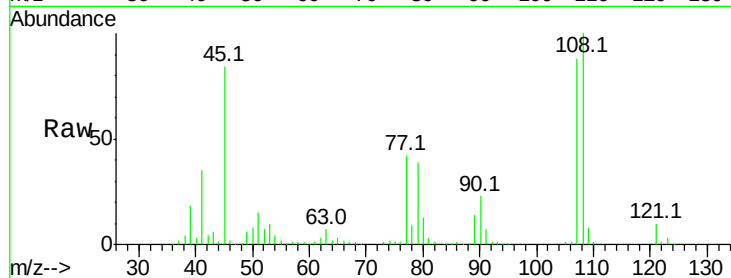




#17
2-Methylphenol
Concen: 14.53 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF092984.D
Acq: 16 Feb 2017 16:38

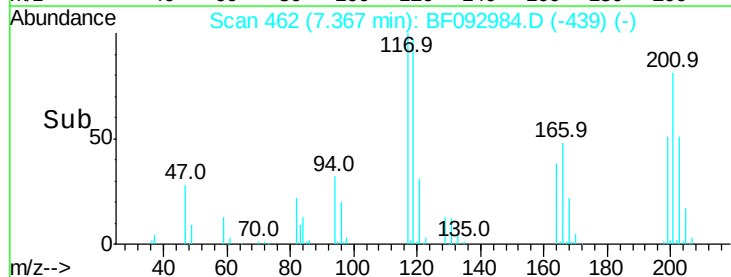
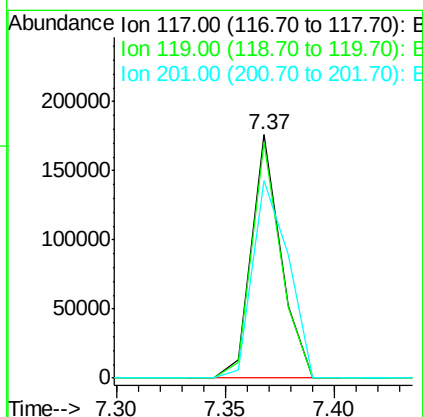
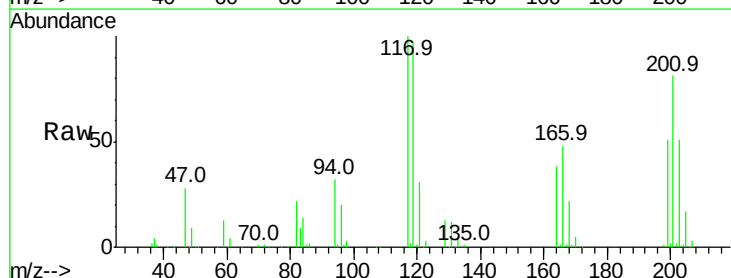
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

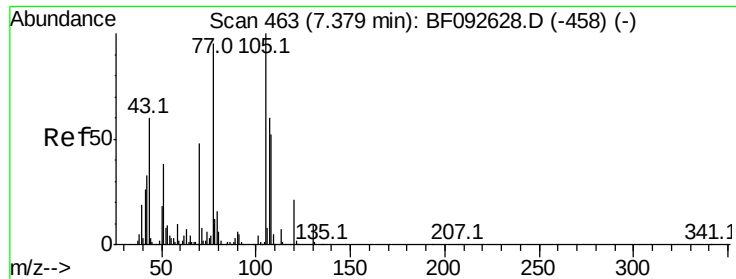
Tot Ion:107 Resp: 381853
Ion Ratio Lower Upper
107 100
108 113.8 93.0 139.6
77 47.3 39.8 59.8
79 44.8 38.0 57.0



#18
Hexachloroethane
Concen: 13.35 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF092984.D
Acq: 16 Feb 2017 16:38

Tgt Ion:117 Resp: 165501
Ion Ratio Lower Upper
117 100
119 96.9 78.1 117.1
201 81.1 78.6 117.8

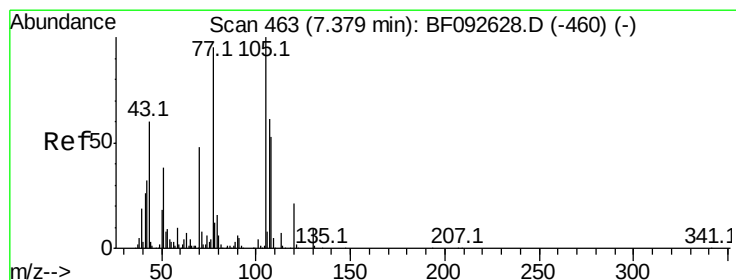
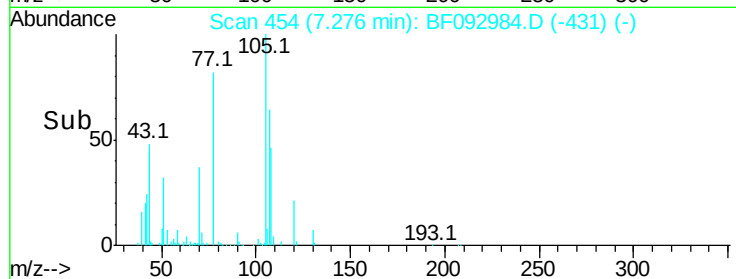
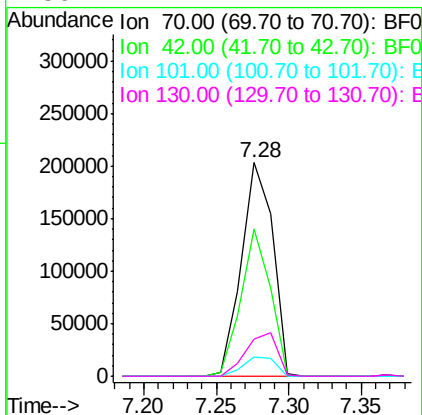
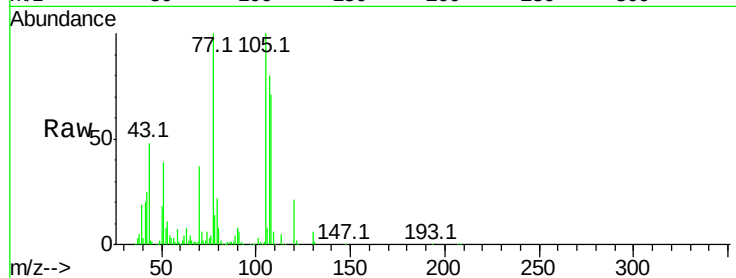




#19
n-Nitroso-di-n-propylamine
Concen: 13.40 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF092984.D
Acq: 16 Feb 2017 16:38

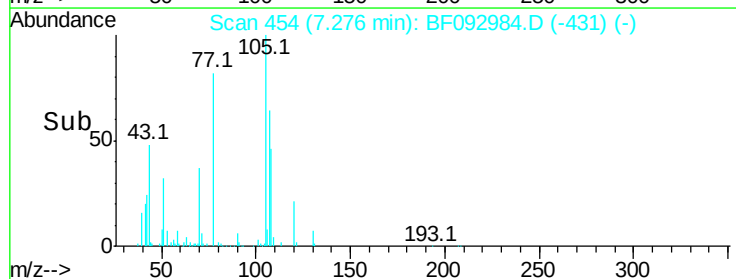
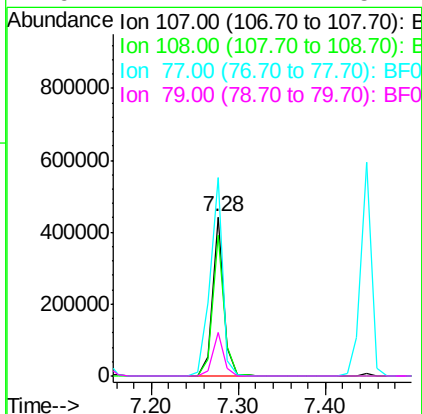
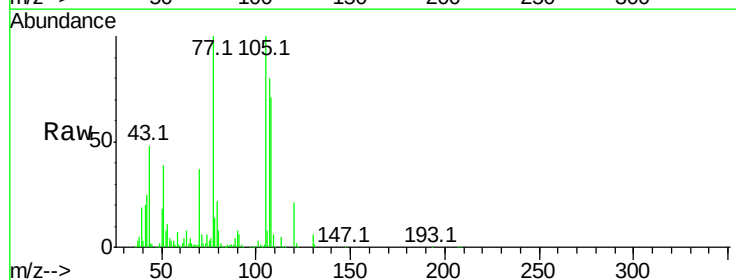
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

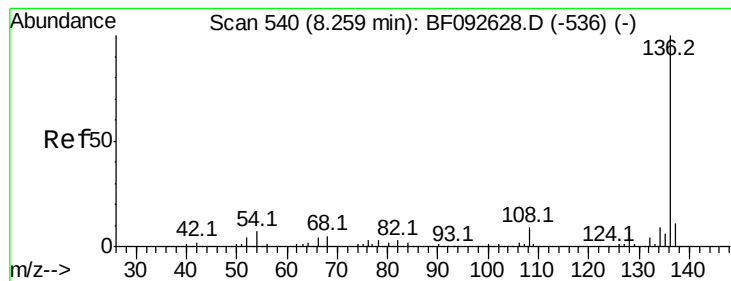
Tot Ion:	70	Resp:	304816
Ion	Ratio	Lower	Upper
70	100		
42	68.7	49.4	74.0
101	8.9	7.4	11.2
130	17.7	14.2	21.4



#20
3+4-Methylphenols
Concen: 12.85 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF092984.D
Acq: 16 Feb 2017 16:38

Tgt Ion:	107	Resp:	403787
Ion	Ratio	Lower	Upper
107	100		
108	88.9	73.0	113.0
77	125.2	71.3	111.3#
79	27.7	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 668791

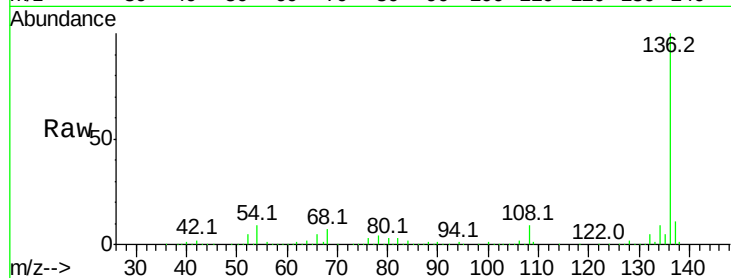
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 9.4 4.5 6.7#

68 6.8 3.6 5.4#

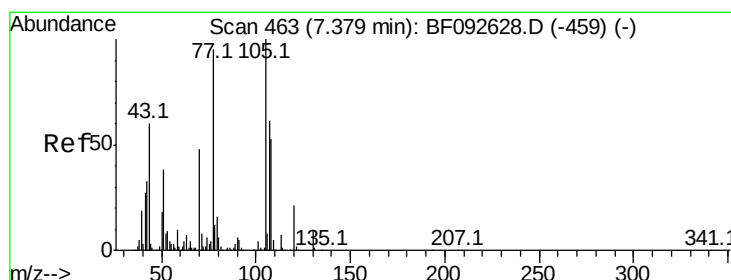
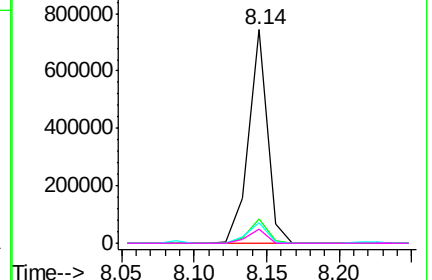
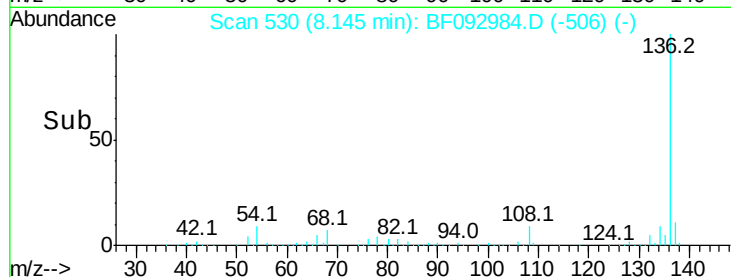


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.44 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Tgt Ion:105 Resp: 571752

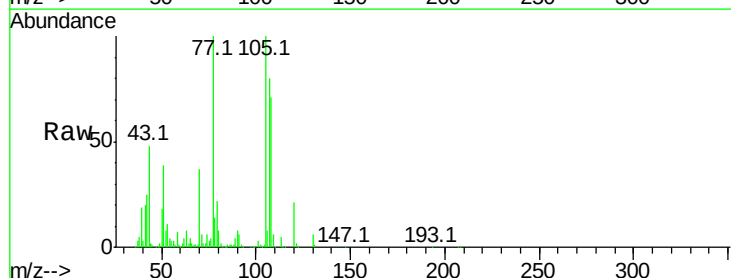
Ion Ratio Lower Upper

105 100

71 6.4 3.2 4.8#

51 39.1 26.2 39.4

120 21.1 16.6 24.8

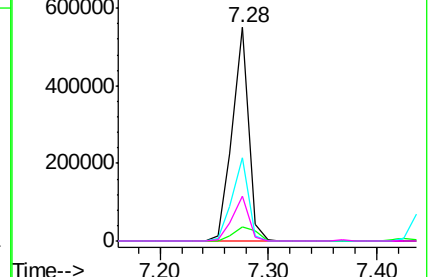
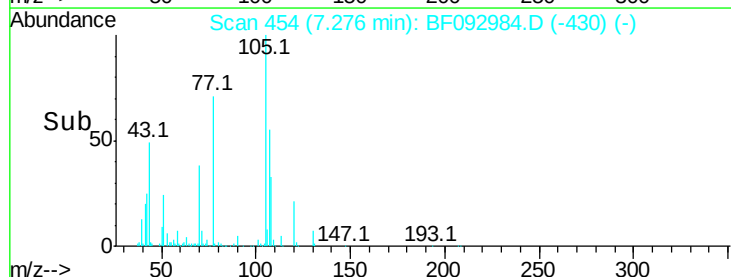


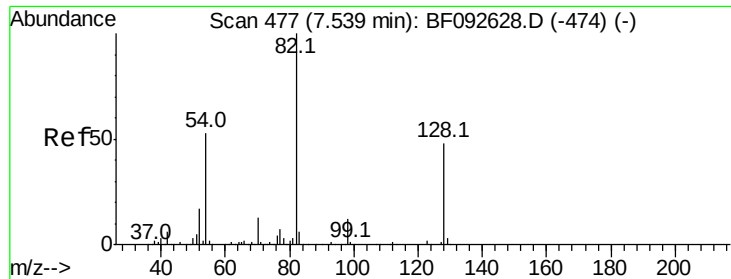
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

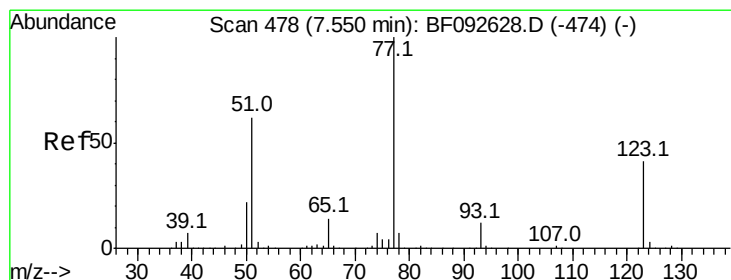
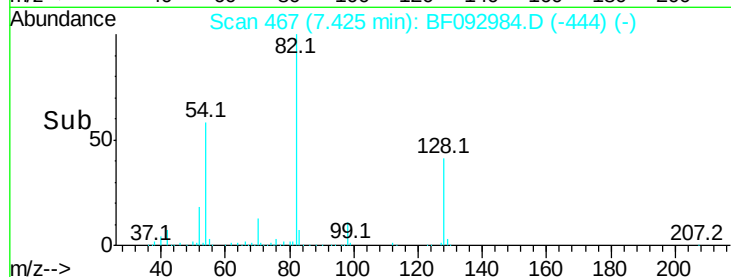
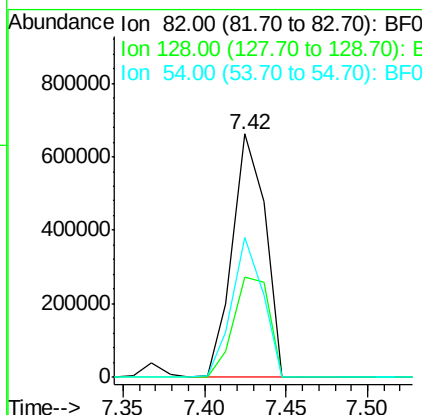
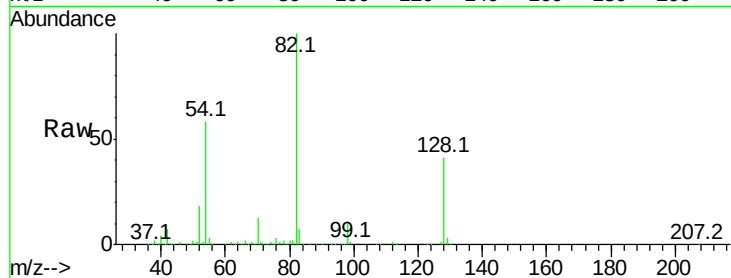




#23
 Nitrobenzene-d5
 Concen: 76.85 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

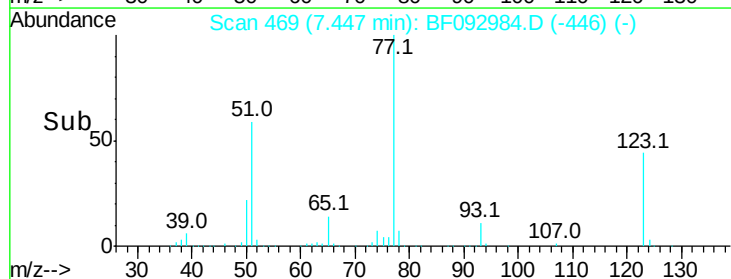
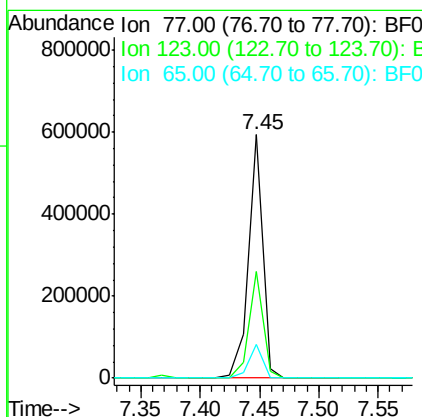
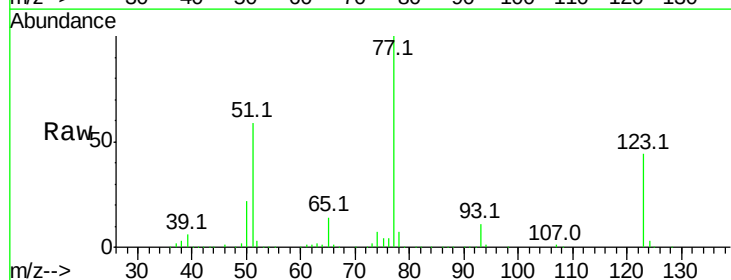
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

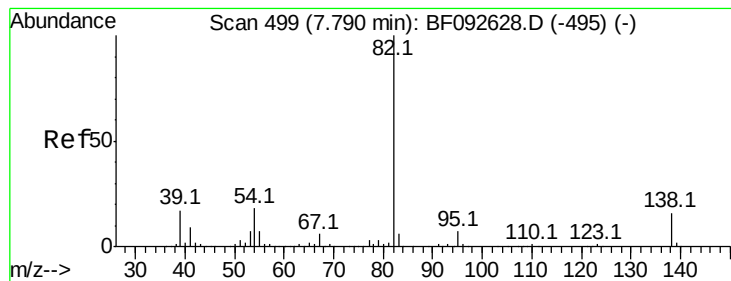
Tot Ion: 82 Resp: 922934
 Ion Ratio Lower Upper
 82 100
 128 41.0 34.6 52.0
 54 57.6 39.5 59.3



#24
 Nitrobenzene
 Concen: 40.85 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

Tgt Ion: 77 Resp: 503782
 Ion Ratio Lower Upper
 77 100
 123 43.9 33.0 49.4
 65 13.9 11.2 16.8





#25

Isophorone

Concen: 39.96 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

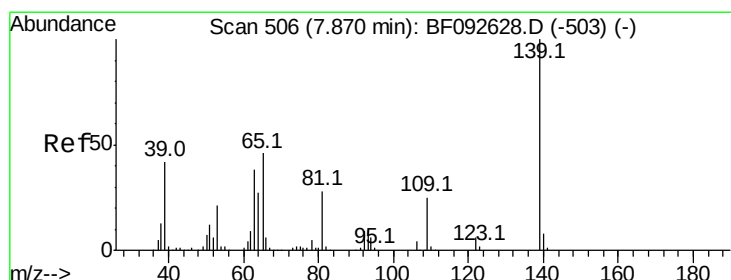
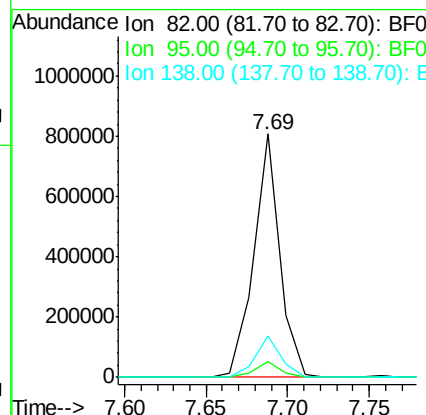
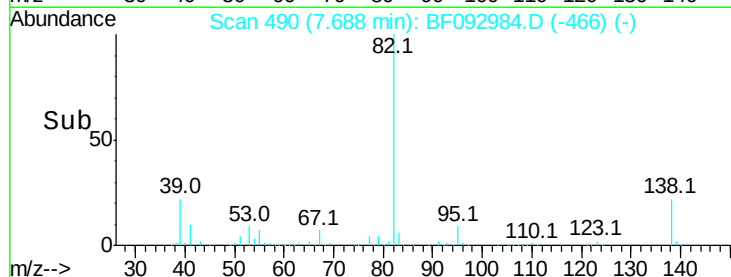
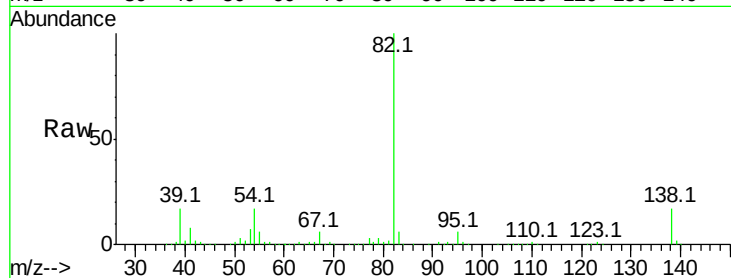
Tot Ion: 82 Resp: 894320

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 16.7 14.6 22.0



#26

2-Nitrophenol

Concen: 41.57 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

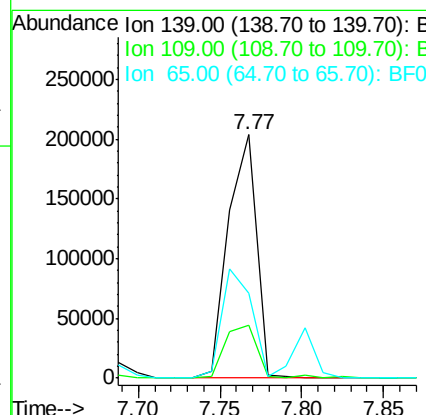
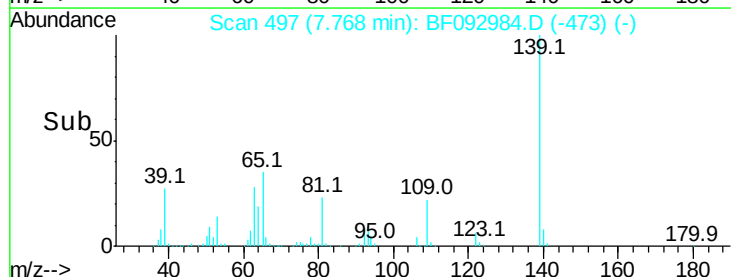
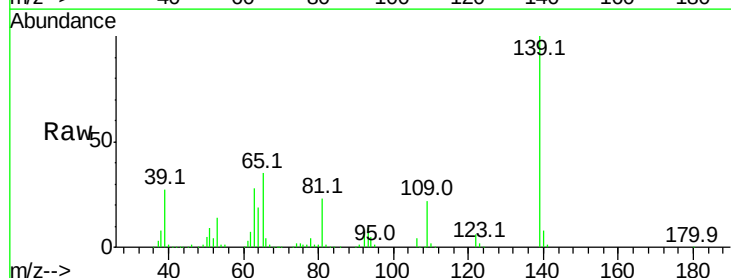
Tgt Ion: 139 Resp: 243692

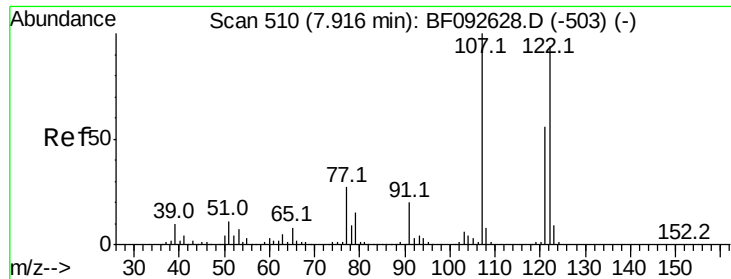
Ion Ratio Lower Upper

139 100

109 21.9 23.3 34.9#

65 35.0 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 36.98 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

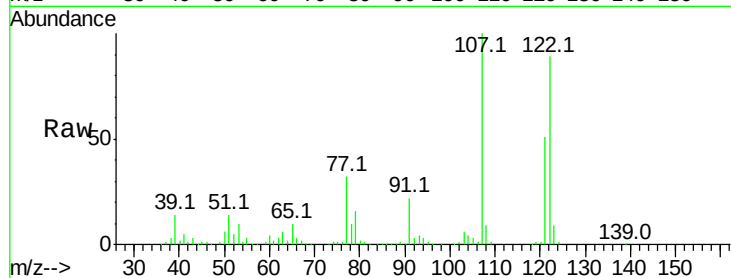
Tot Ion:122 Resp: 380705

Ion Ratio Lower Upper

122 100

107 112.7 94.1 141.1

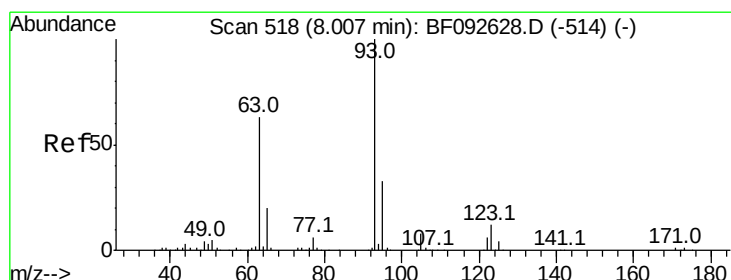
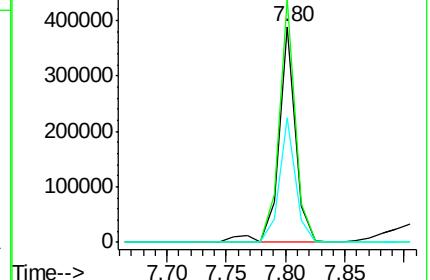
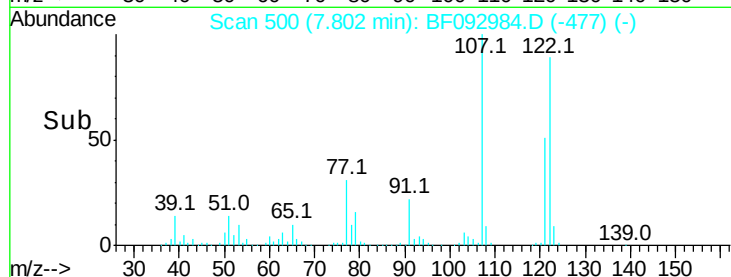
121 57.6 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.35 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

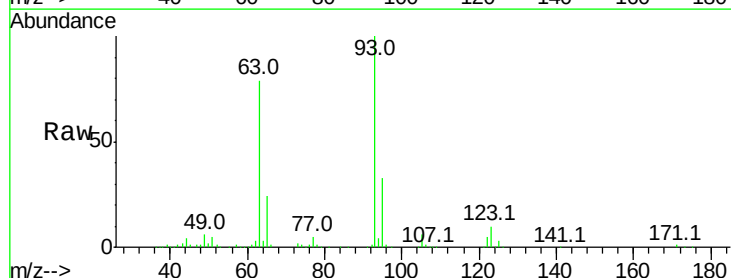
Tgt Ion: 93 Resp: 538838

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

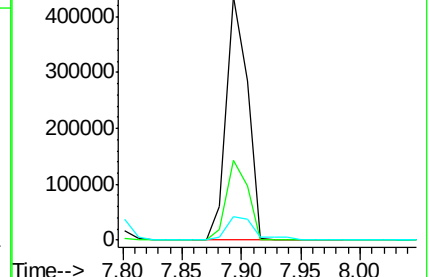
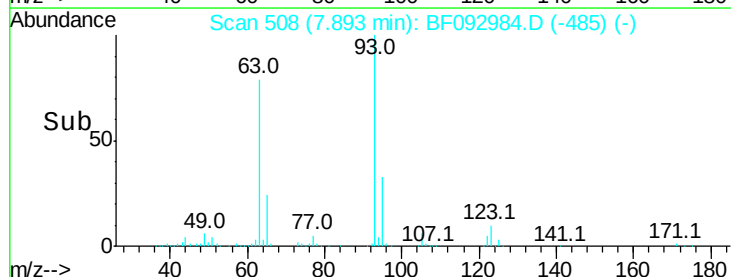
123 9.6 8.6 13.0

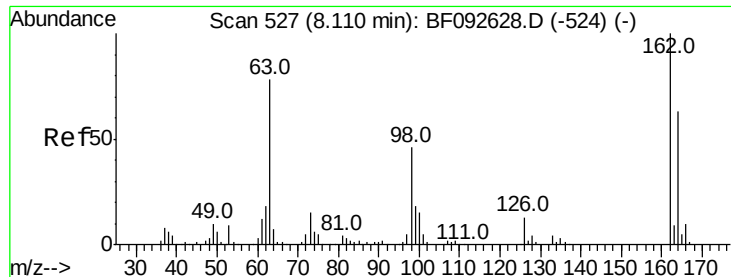


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

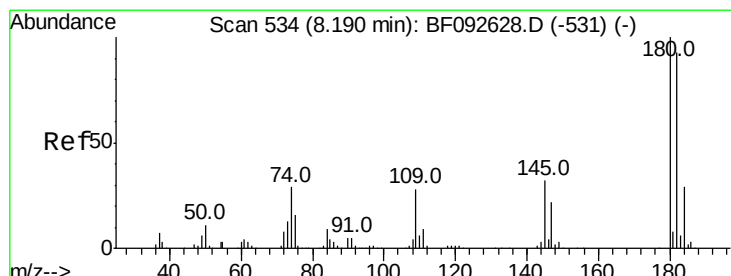
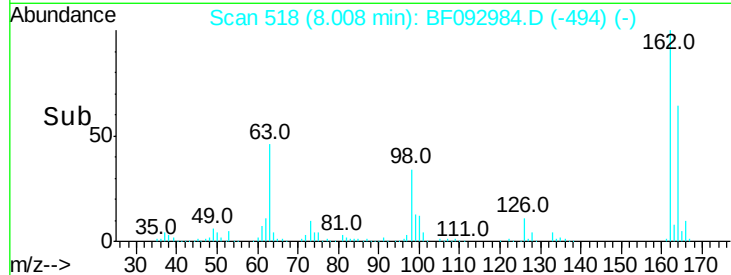
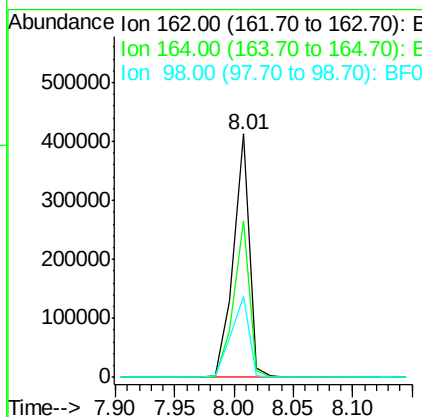
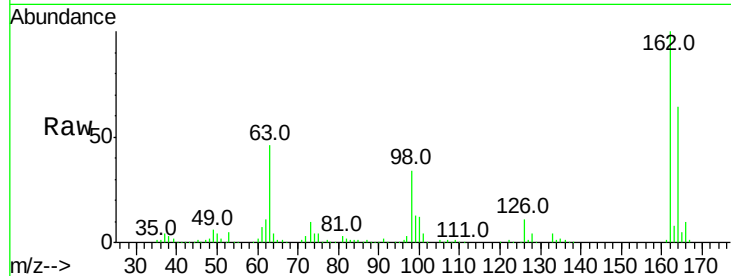




#29
 2,4-Dichlorophenol
 Concen: 40.37 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.02 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

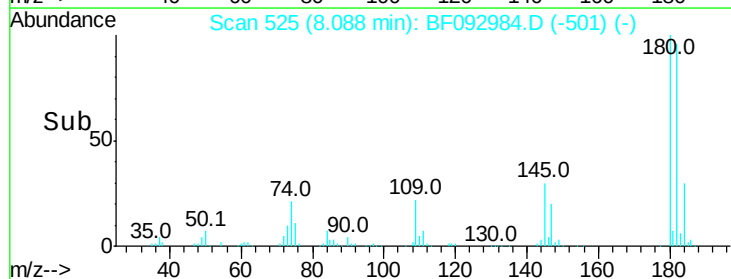
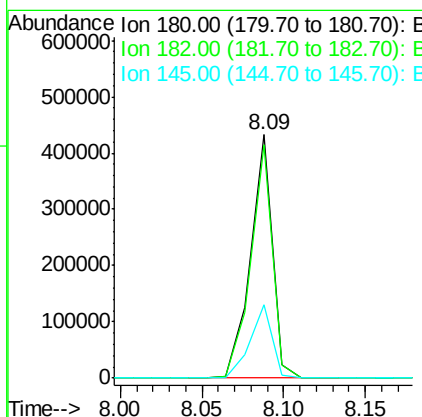
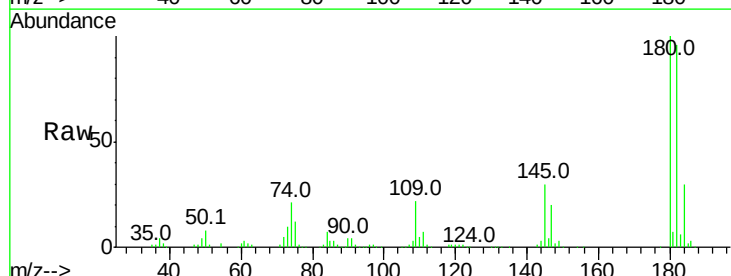
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

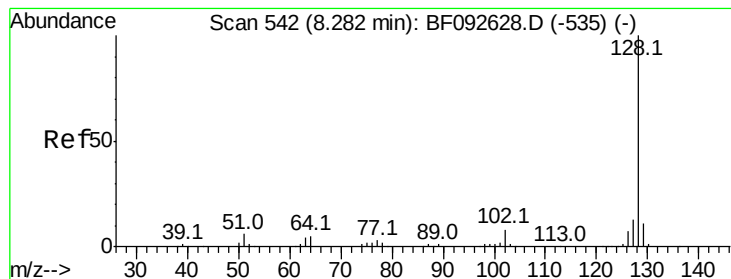
Tot Ion:162	Resp:	387593
Ion Ratio	Lower	Upper
162	100	
164	64.5	46.8 86.8
98	33.5	9.1 49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.76 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.02 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

Tgt Ion:180	Resp:	401050
Ion Ratio	Lower	Upper
180	100	
182	96.0	78.2 117.4
145	30.0	21.6 32.4





#31

Naphthalene

Concen: 38.62 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

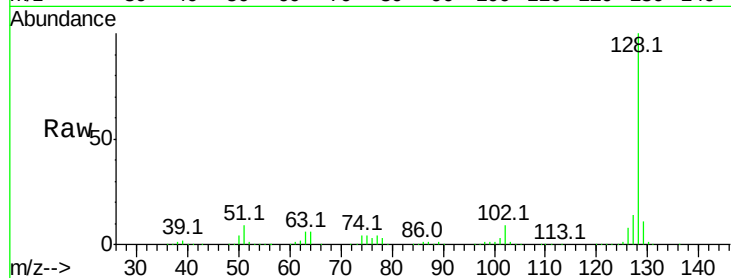
Tot Ion:128 Resp: 1309439

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

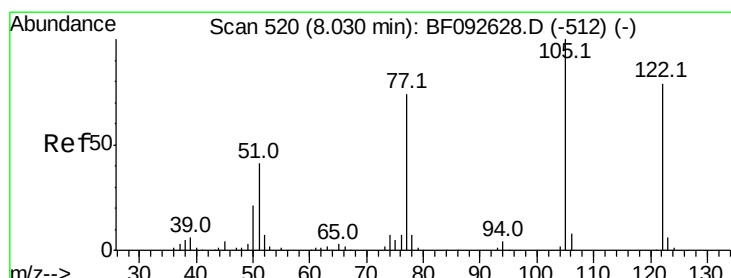
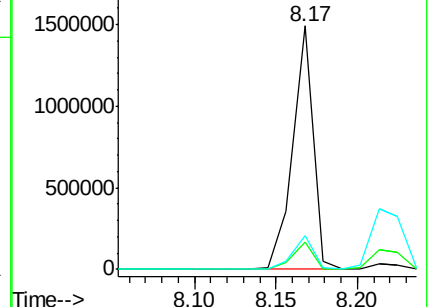
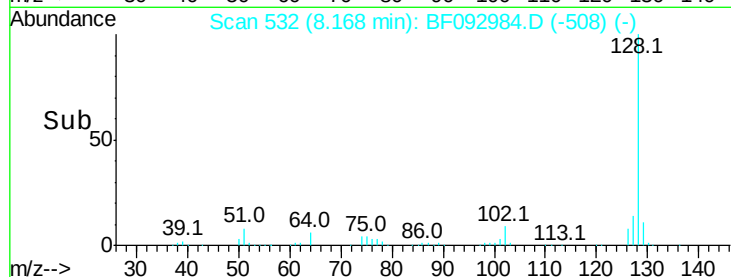
127 13.9 10.8 16.2



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: 38.05 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

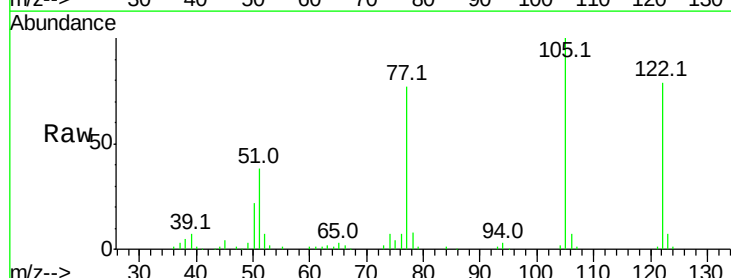
Tgt Ion:122 Resp: 211749

Ion Ratio Lower Upper

122 100

105 126.5 107.2 147.2

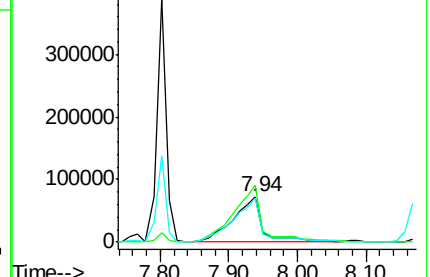
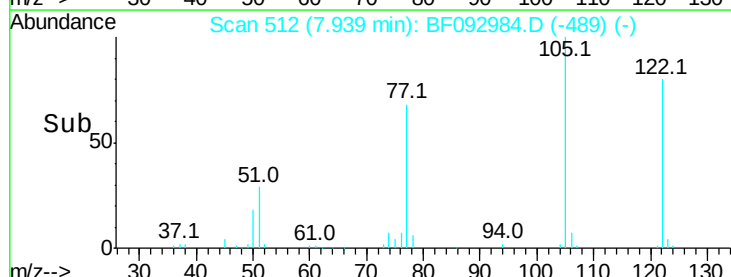
77 97.2 74.5 114.5

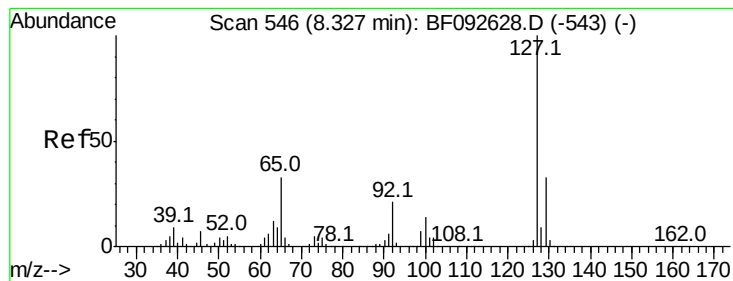


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.15 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 507281

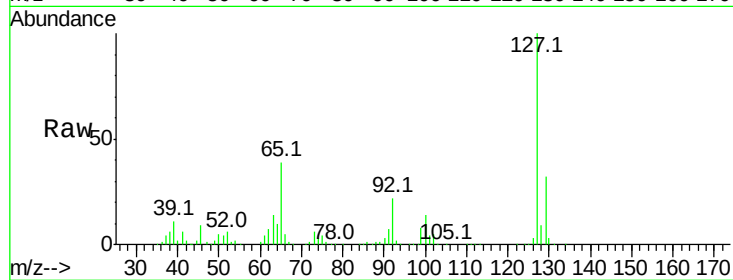
Ion Ratio Lower Upper

127 100

129 31.7 26.3 39.5

65 38.9 25.8 38.8#

92 22.1 16.1 24.1



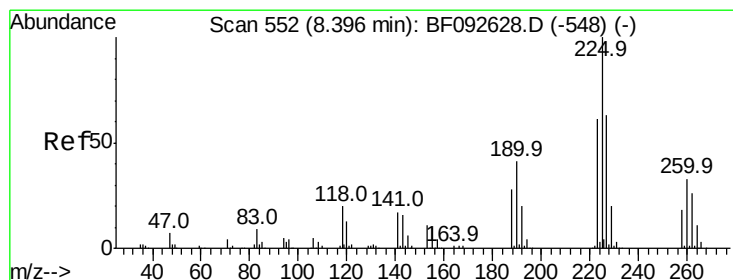
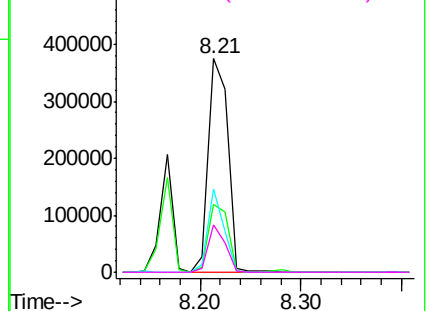
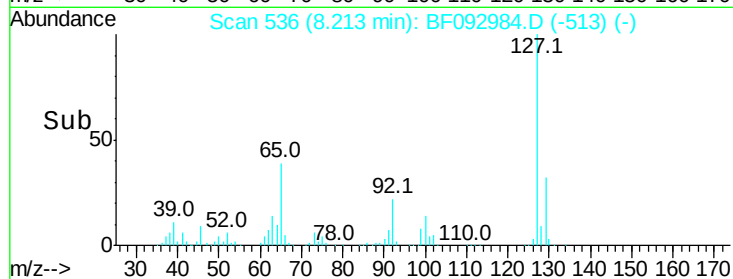
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 36.28 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

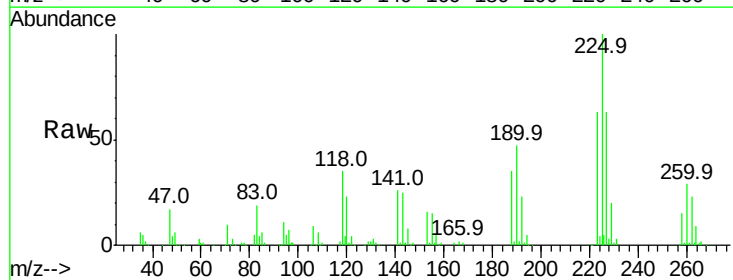
Tgt Ion:225 Resp: 206547

Ion Ratio Lower Upper

225 100

223 63.3 51.0 76.6

227 62.7 50.6 76.0

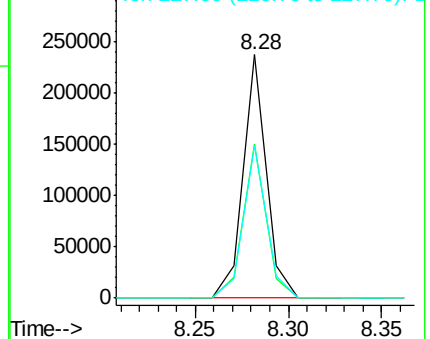
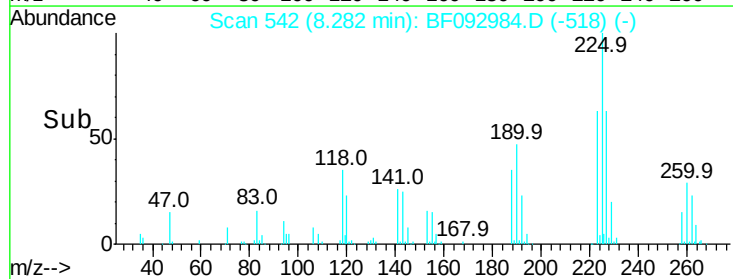


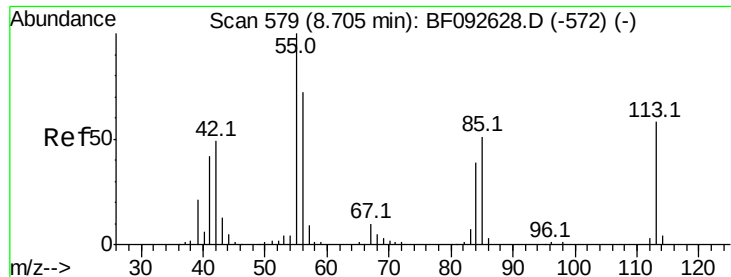
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.39 ng

RT: 8.60 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

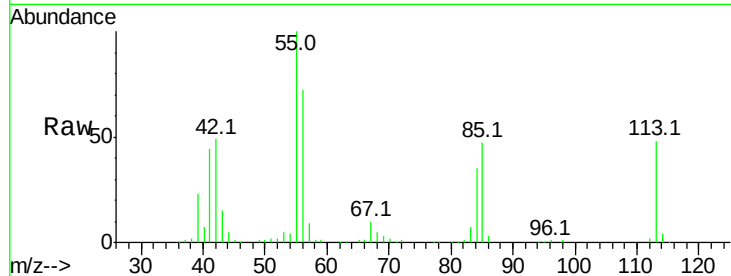
Tot Ion:113 Resp: 128027

Ion Ratio Lower Upper

113 100

55 207.1 119.2 159.2#

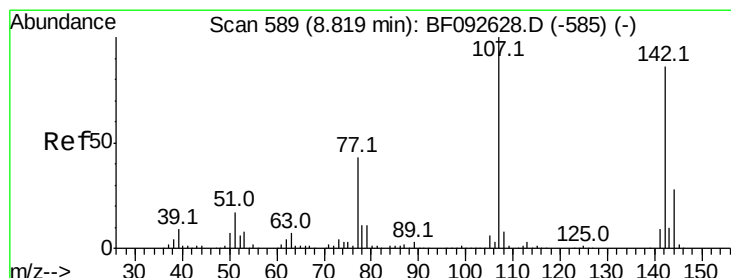
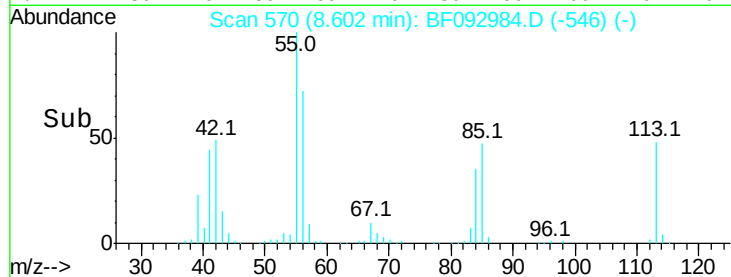
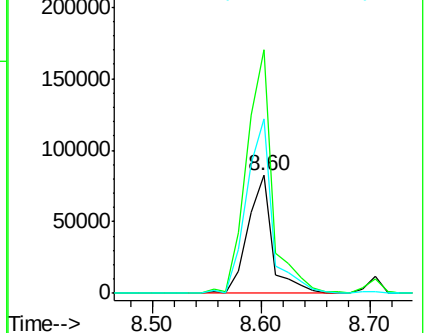
56 148.2 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.32 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

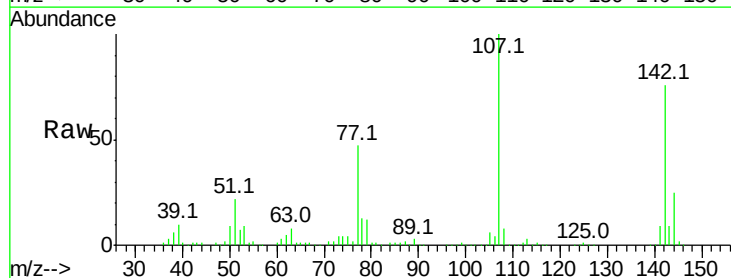
Tgt Ion:107 Resp: 413632

Ion Ratio Lower Upper

107 100

144 24.8 19.3 28.9

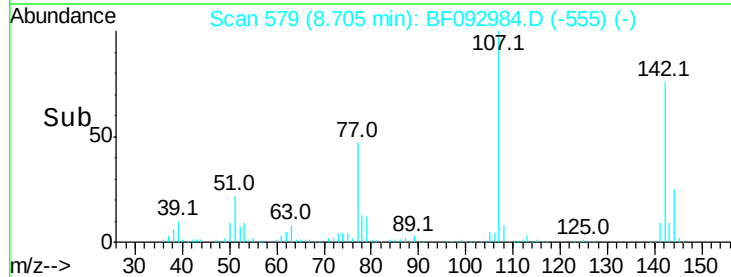
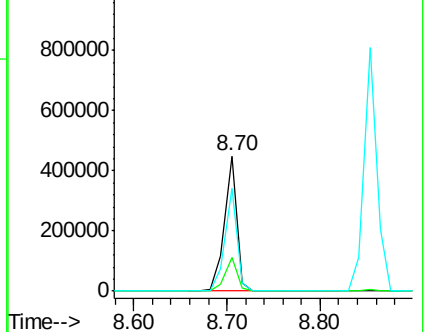
142 76.2 59.0 88.6

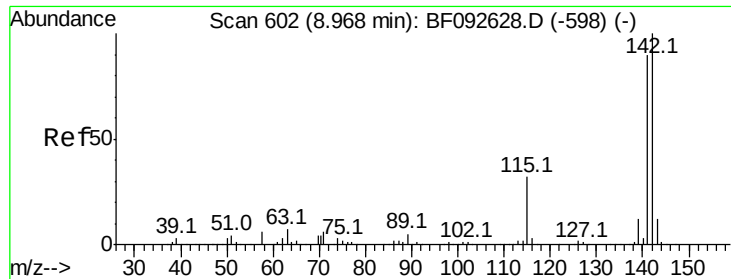


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

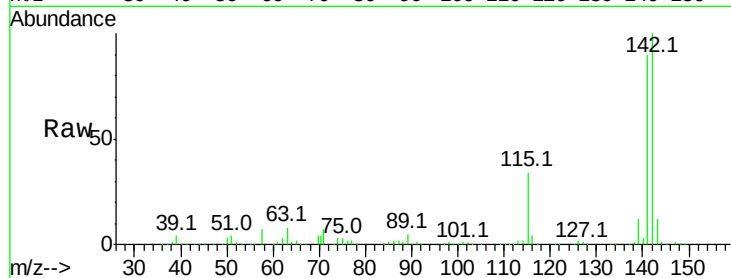




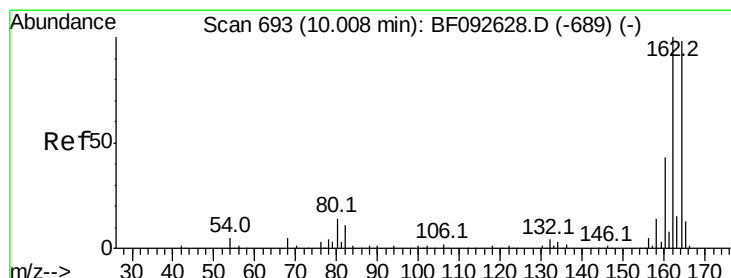
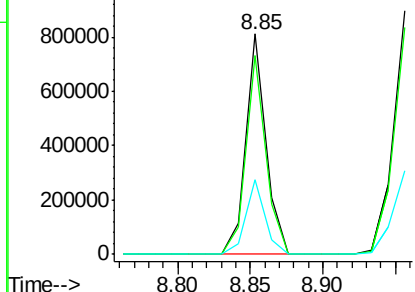
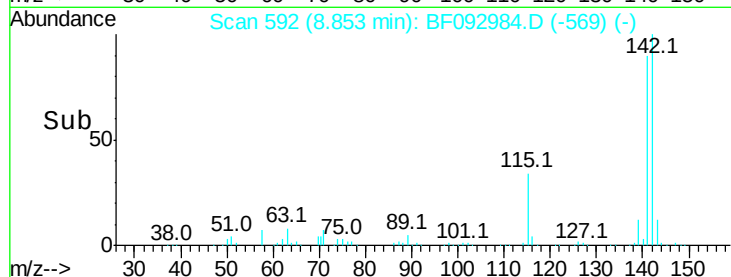
#37
2-Methylnaphthalene
Concen: 35.79 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.03 min
Lab File: BF092984.D
Acq: 16 Feb 2017 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 778984
Ion Ratio Lower Upper
142 100
141 90.3 71.0 106.6
115 34.1 28.3 42.5

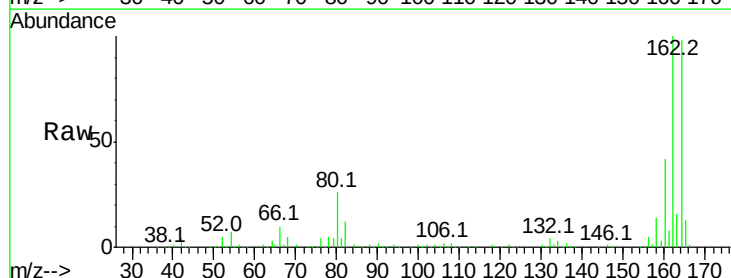


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

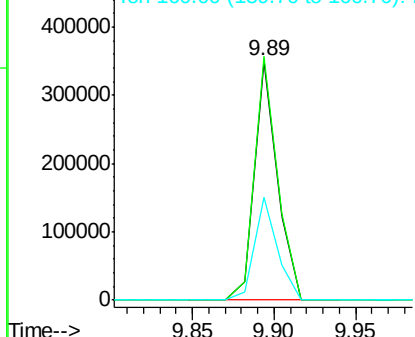
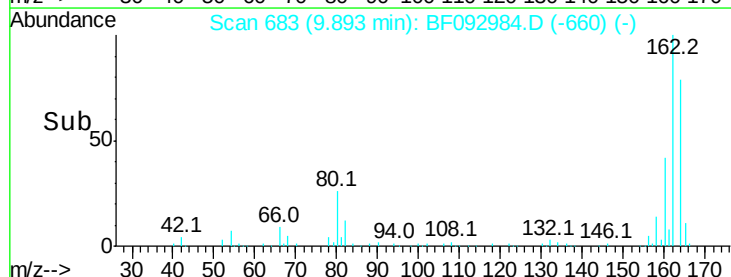


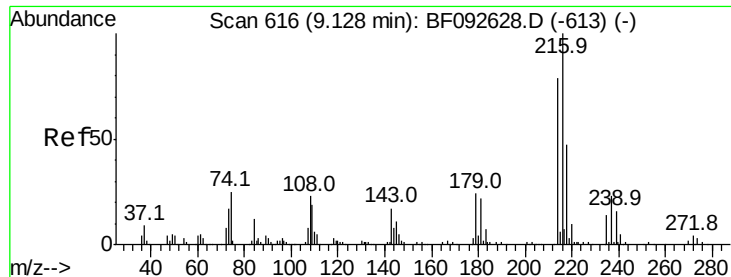
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF092984.D
Acq: 16 Feb 2017 16:38

Tgt Ion:164 Resp: 342848
Ion Ratio Lower Upper
164 100
162 102.0 80.2 120.2
160 43.3 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.22 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 406334

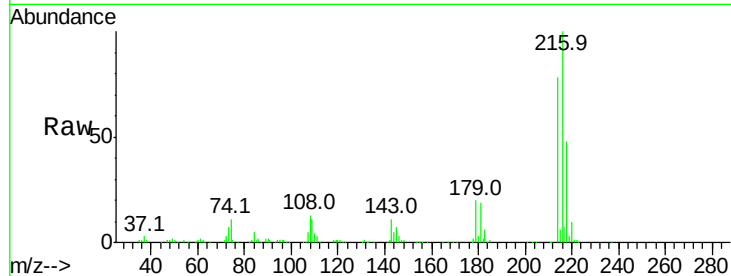
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.0

179 21.3 17.4 26.2

108 17.9 15.6 23.4

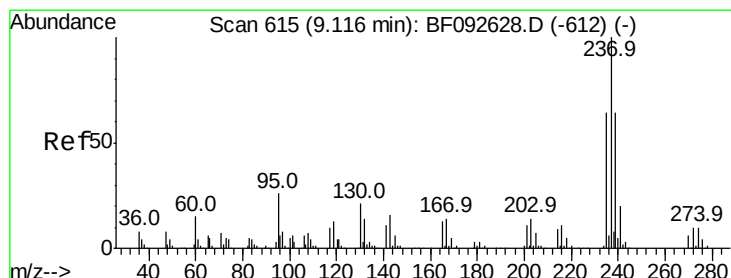
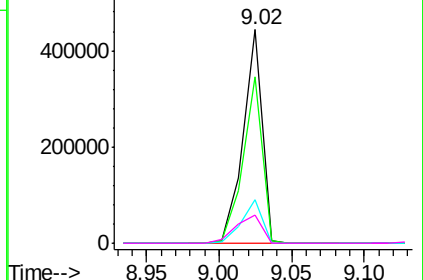
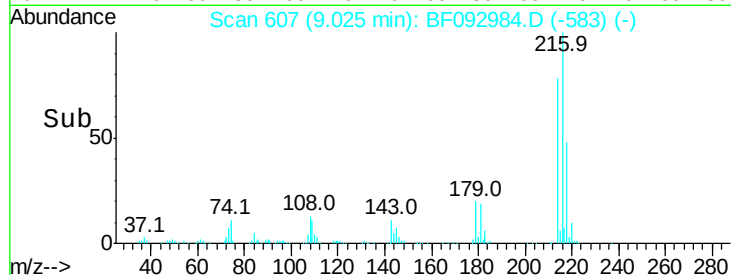


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.34 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

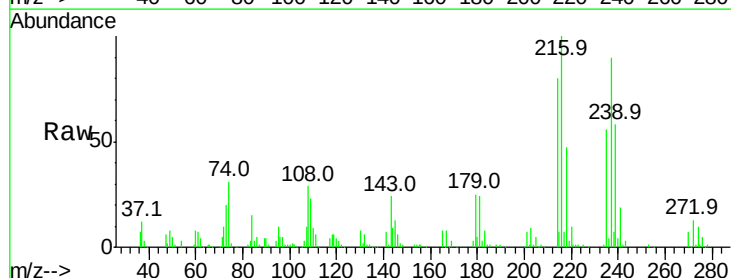
Tgt Ion:237 Resp: 157791

Ion Ratio Lower Upper

237 100

235 62.2 41.2 81.2

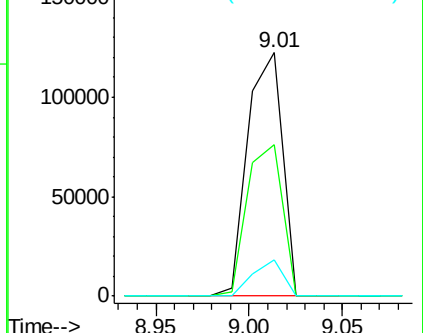
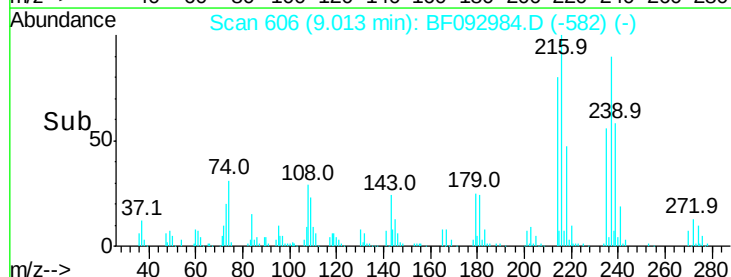
272 14.7 0.0 35.4

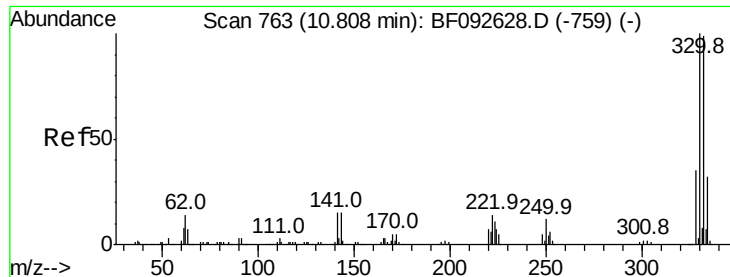


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

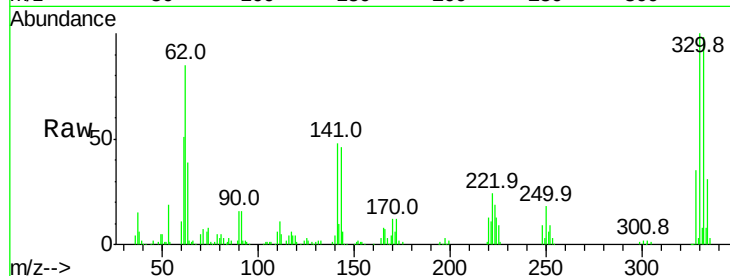




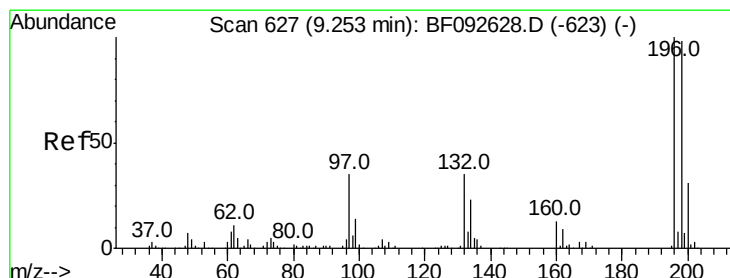
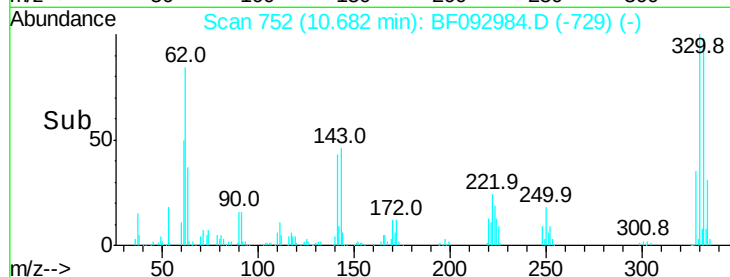
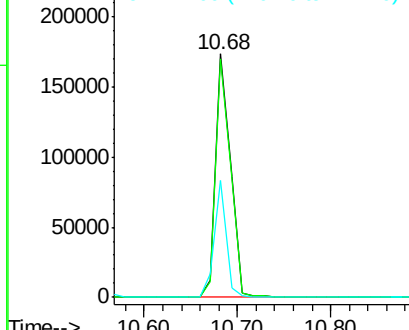
#41
 2,4,6-Tribromophenol
 Concen: 77.26 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	39.3	34.1	51.1

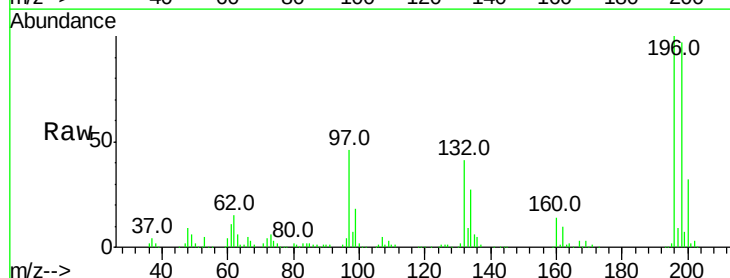


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

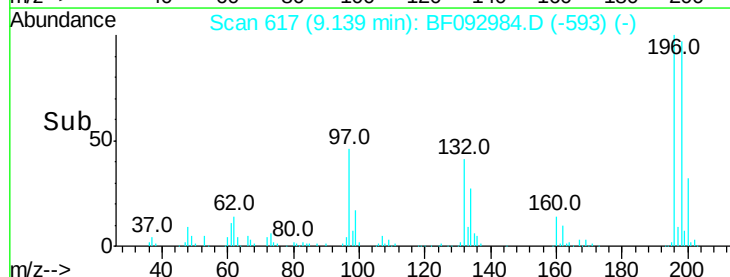
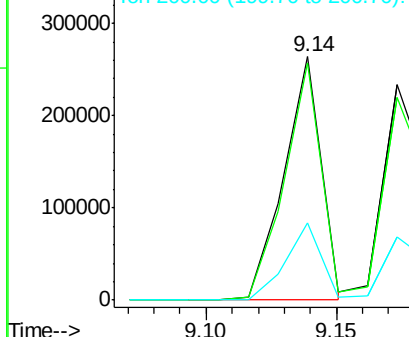


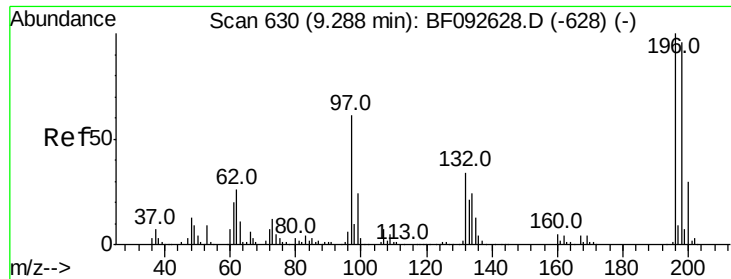
#42
 2,4,6-Trichlorophenol
 Concen: 41.30 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	82.1	123.1
200	31.6	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

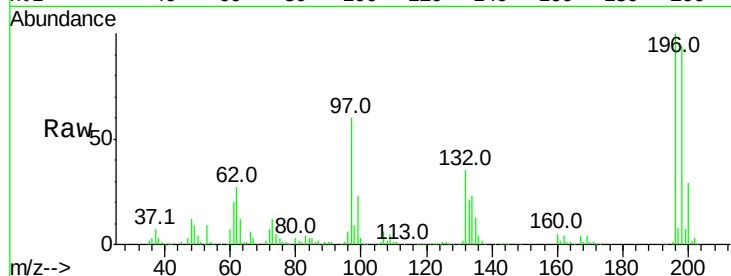




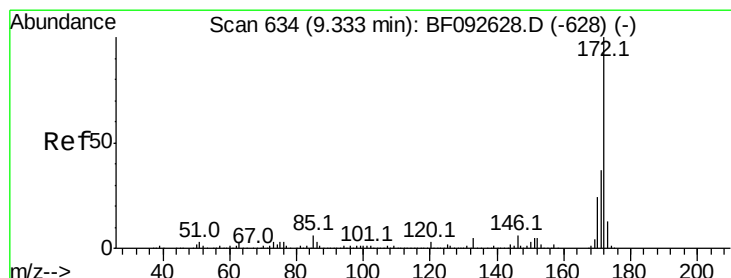
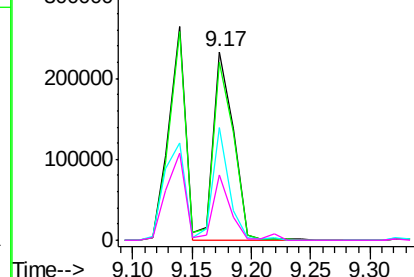
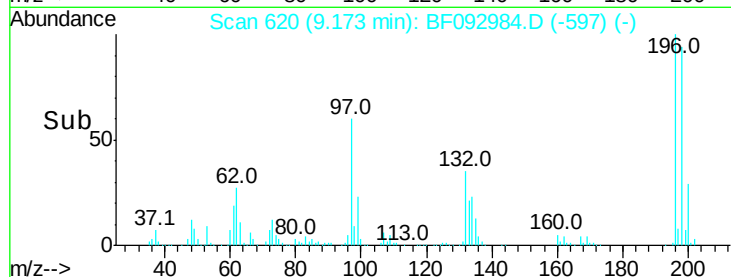
#43
 2,4,5-Trichlorophenol
 Concen: 39.28 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 272199
 Ion Ratio Lower Upper
 196 100
 198 94.3 79.4 119.2
 97 60.0 51.5 77.3
 132 34.5 27.4 41.2

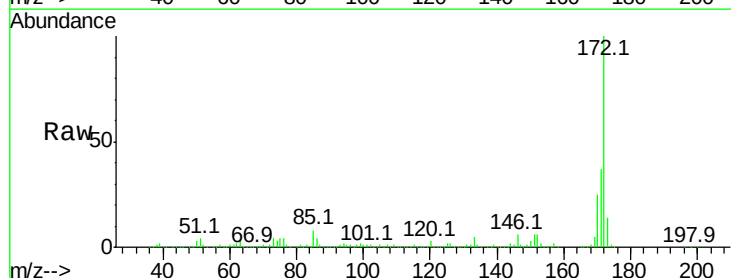


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

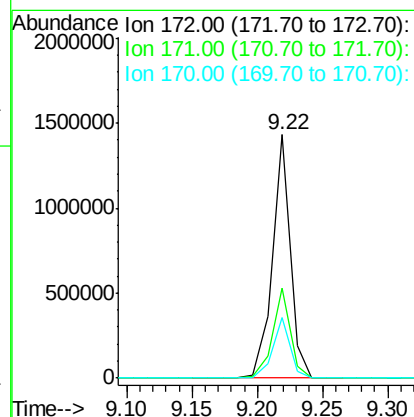
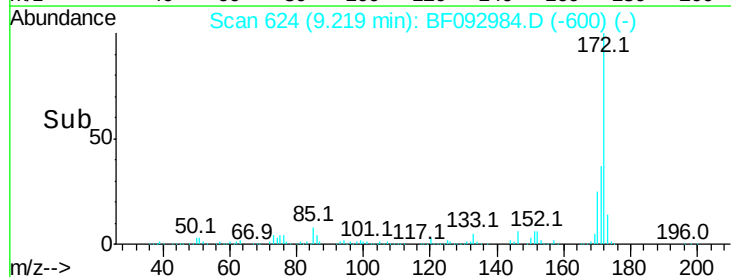


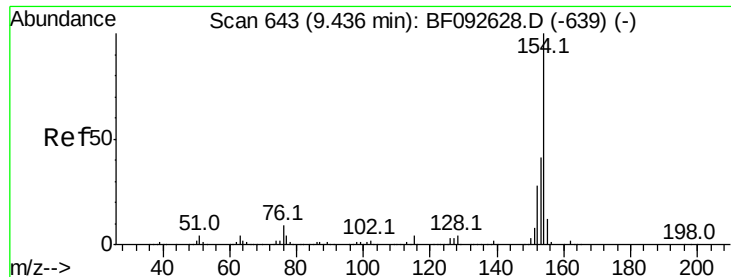
#44
 2-Fluorobiphenyl
 Concen: 72.80 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

Tgt Ion:172 Resp: 1377740
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 24.8 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: 42.30 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

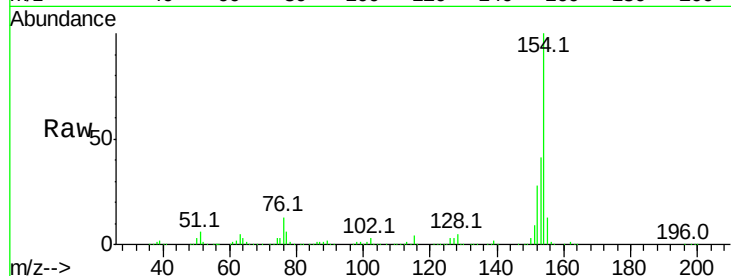
Tot Ion:154 Resp: 1050264

Ion Ratio Lower Upper

154 100

153 41.1 20.9 60.9

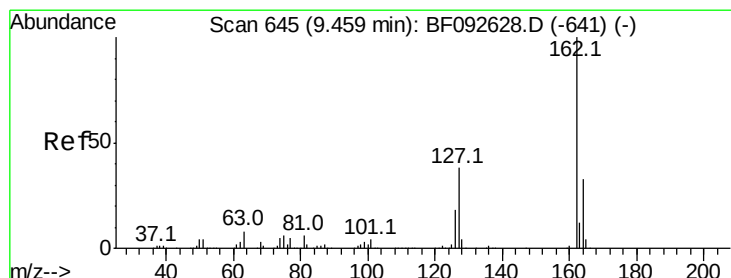
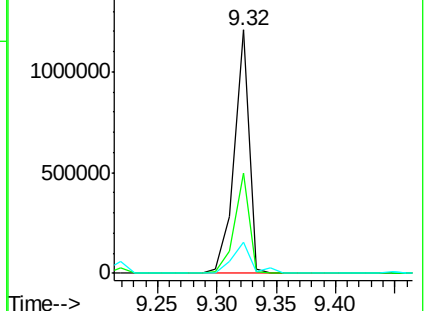
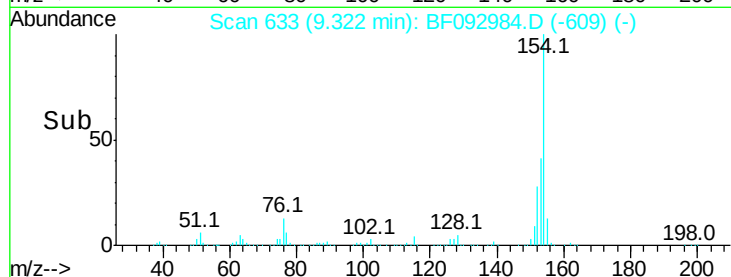
76 12.8 0.0 30.5



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: 40.66 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

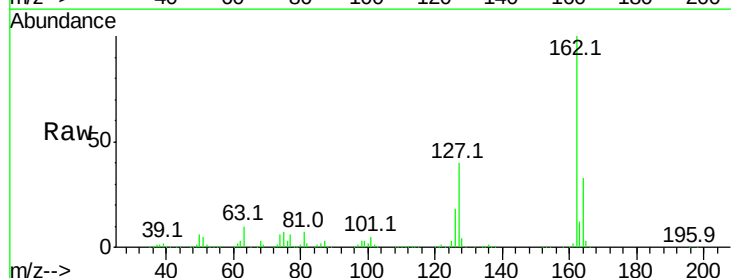
Tgt Ion:162 Resp: 789645

Ion Ratio Lower Upper

162 100

127 40.3 30.7 46.1

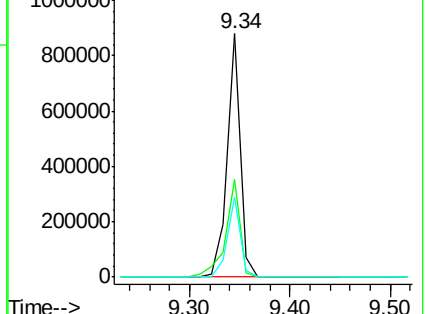
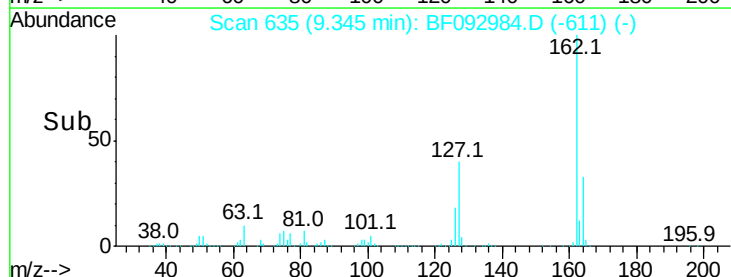
164 33.0 27.6 41.4

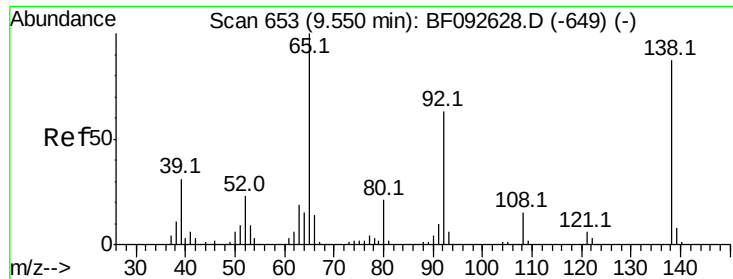


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

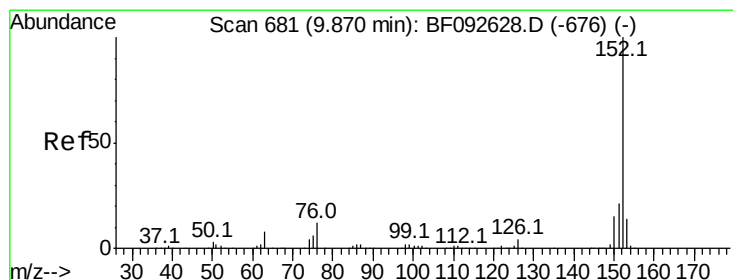
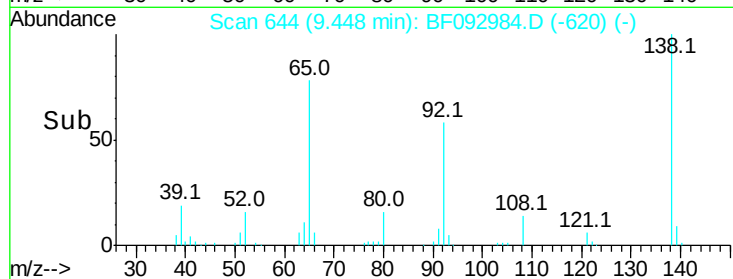
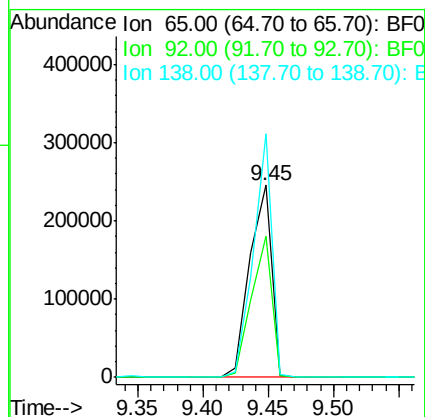
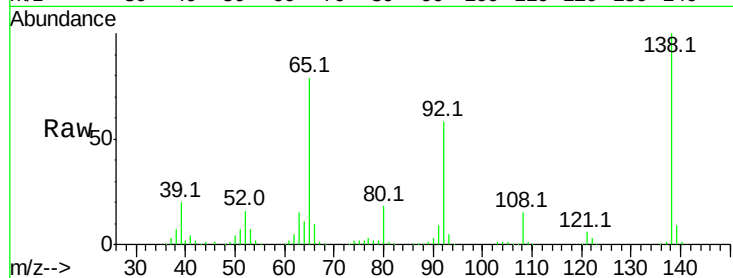




#47
 2-Nitroaniline
 Concen: 44.14 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

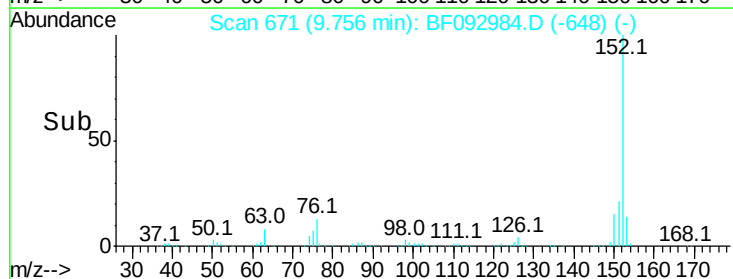
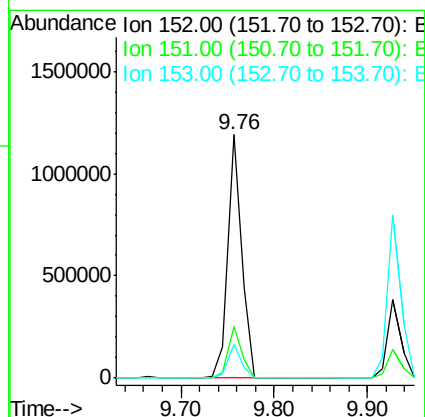
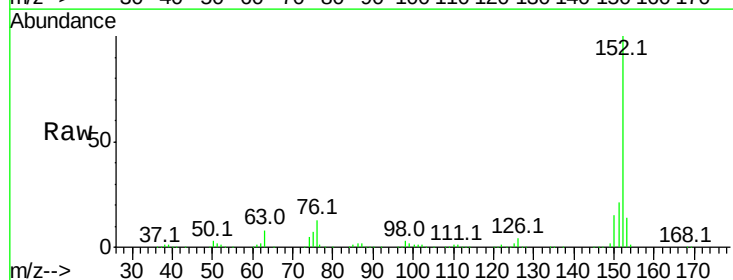
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

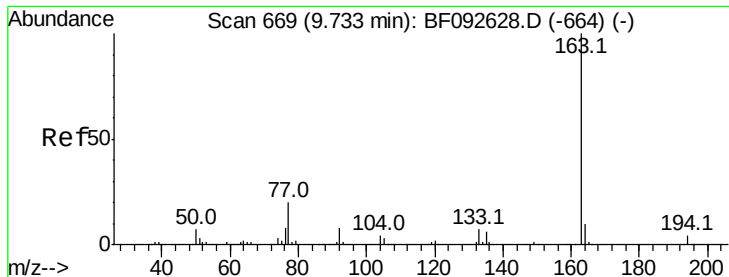
Tot Ion: 65 Resp: 288231
 Ion Ratio Lower Upper
 65 100
 92 73.7 53.9 80.9
 138 126.6 76.8 115.2#



#48
 Acenaphthylene
 Concen: 36.74 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.03 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

Tgt Ion:152 Resp: 1232751
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.9 25.3
 153 13.7 11.4 17.2





#49

Dimethylphthalate

Concen: 41.81 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

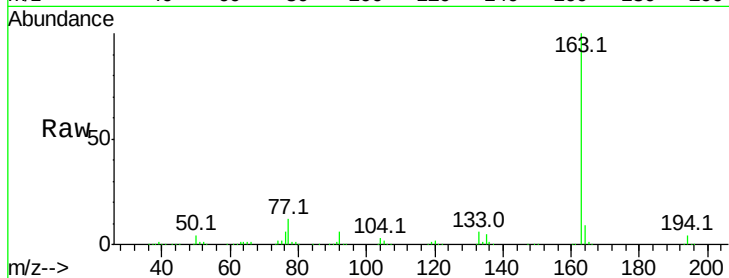
Tot Ion:163 Resp: 965399

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

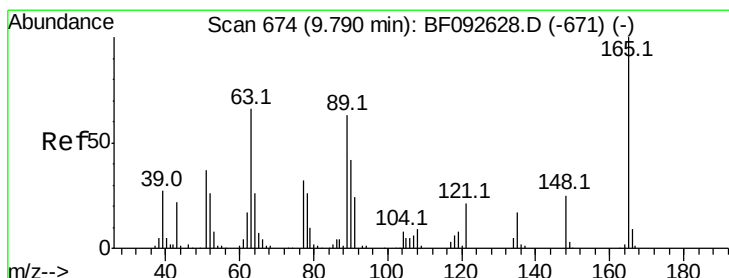
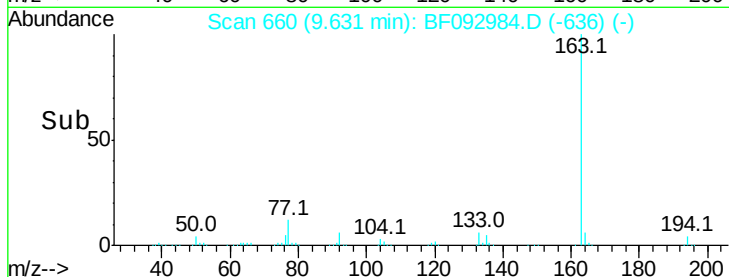
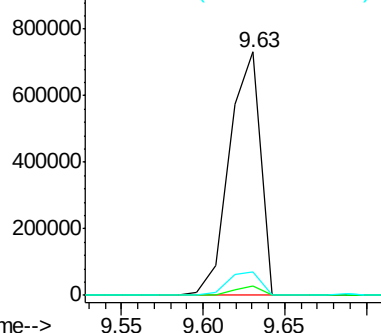
164 9.5 8.0 12.0



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: 44.47 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

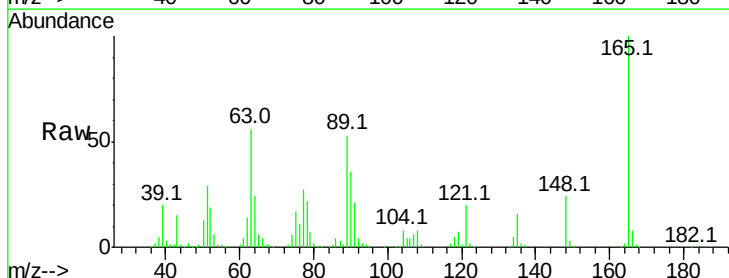
Tgt Ion:165 Resp: 221783

Ion Ratio Lower Upper

165 100

63 55.7 36.2 54.4#

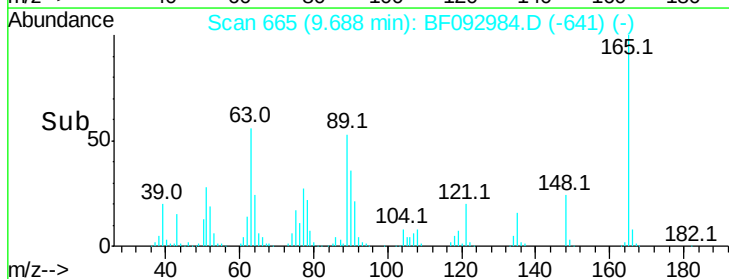
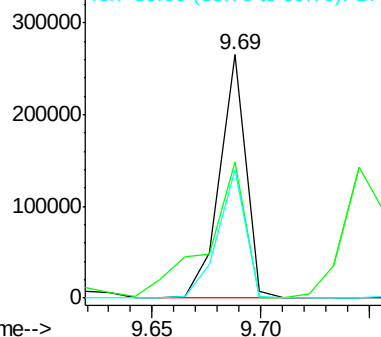
89 52.6 40.2 60.4

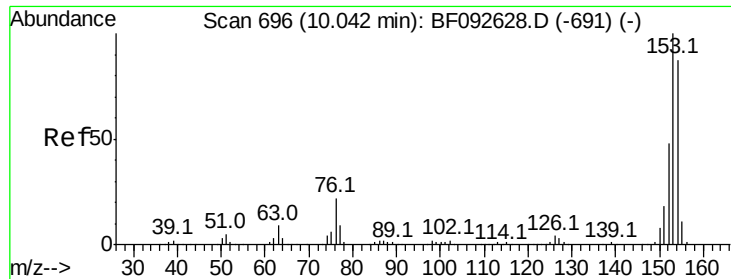


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.46 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

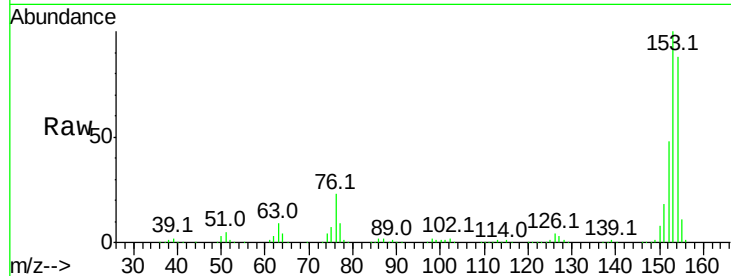
Tot Ion:154 Resp: 771467

Ion Ratio Lower Upper

154 100

153 113.8 88.6 133.0

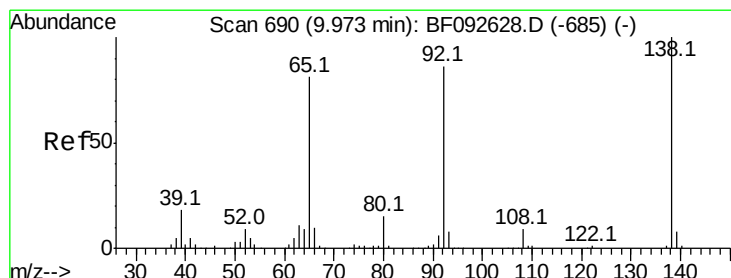
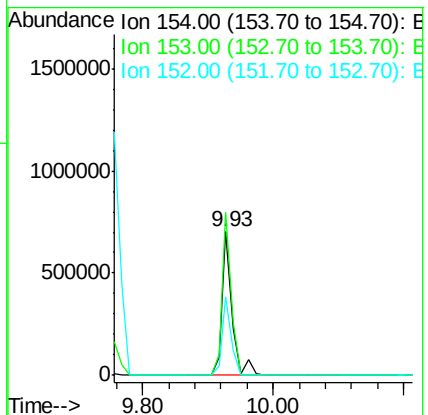
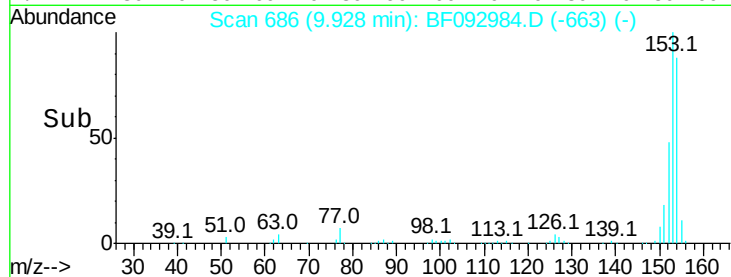
152 55.1 41.6 62.4



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: 47.26 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

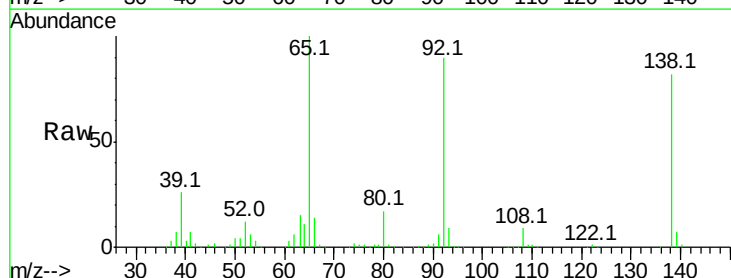
Tgt Ion:138 Resp: 269727

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

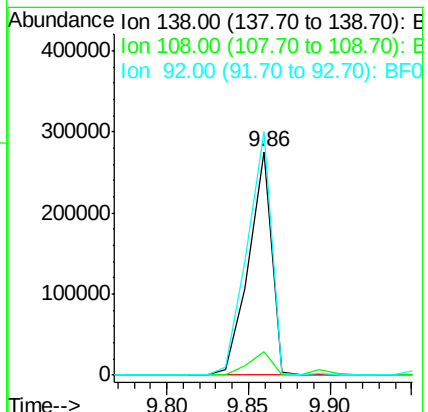
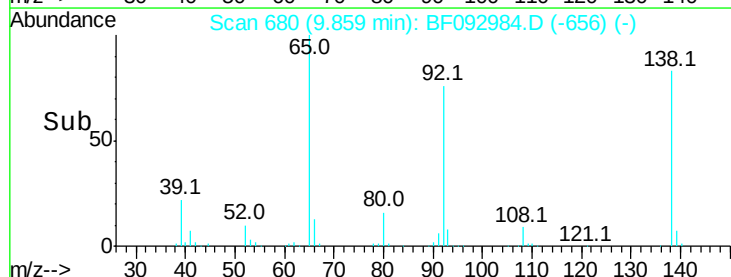
92 108.9 97.8 146.8

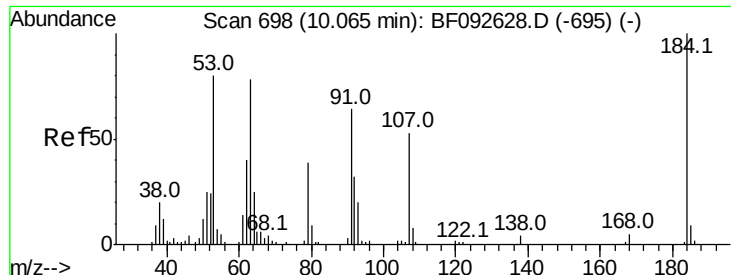


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

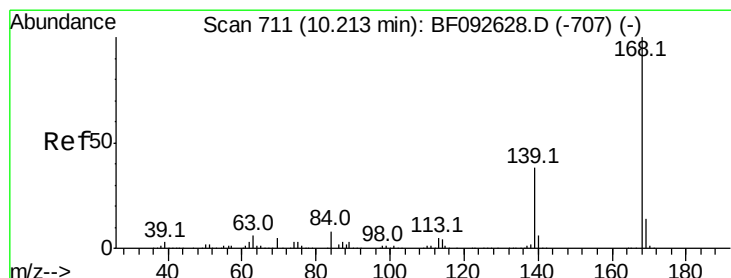
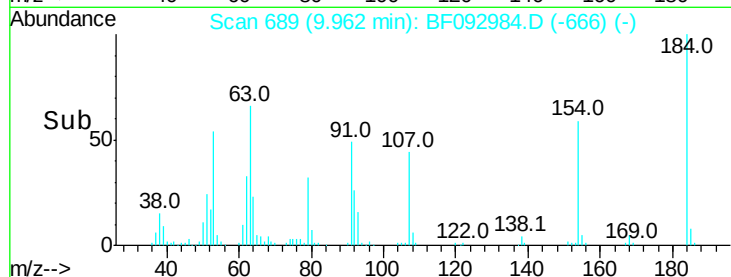
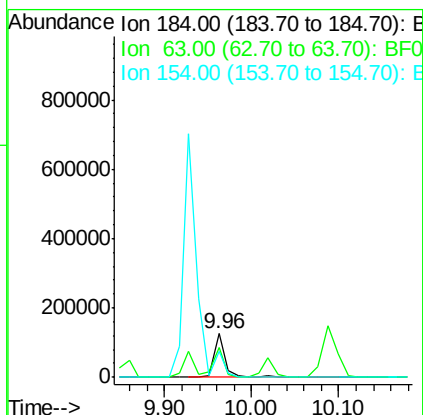
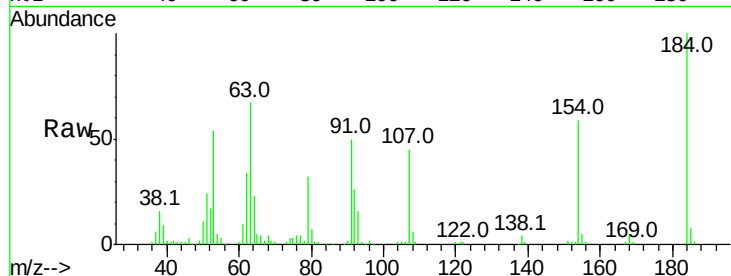




#53
 2,4-Dinitrophenol
 Concen: 48.35 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

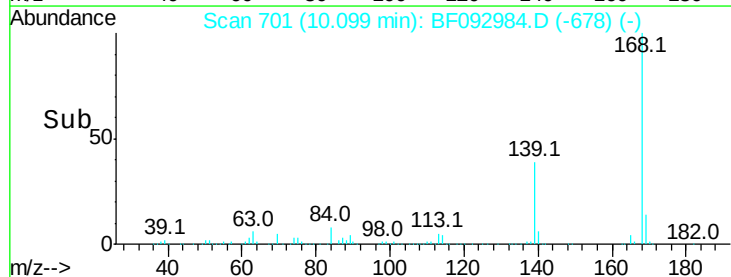
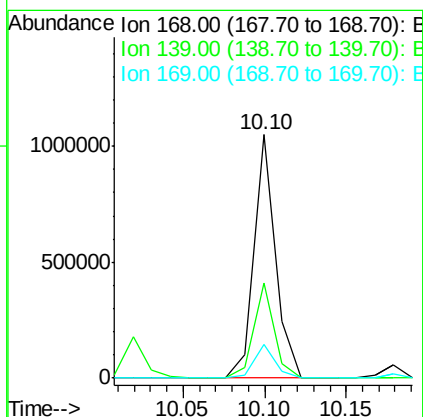
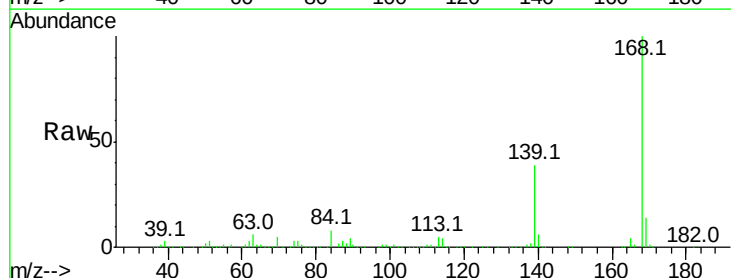
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

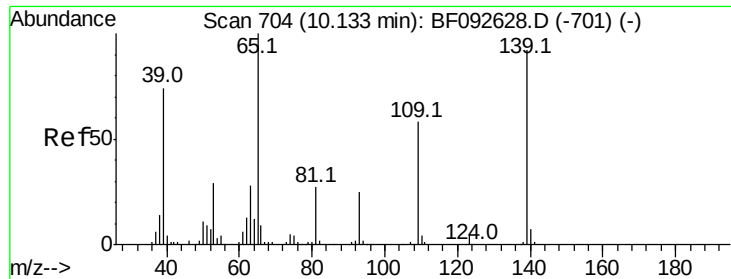
Tot Ion:184 Resp: 117627
 Ion Ratio Lower Upper
 184 100
 63 67.3 28.4 42.6#
 154 59.4 44.3 66.5



#54
 Dibenzofuran
 Concen: 35.90 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.03 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

Tgt Ion:168 Resp: 963050
 Ion Ratio Lower Upper
 168 100
 139 38.9 32.6 49.0
 169 13.7 11.3 16.9





#55

4-Nitrophenol

Concen: 39.20 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

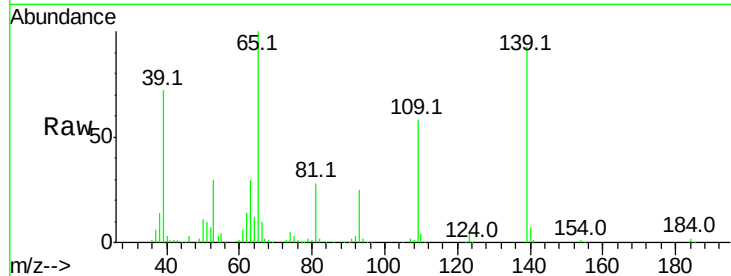
Tot Ion:139 Resp: 161130

Ion Ratio Lower Upper

139 100

109 62.9 52.2 92.2

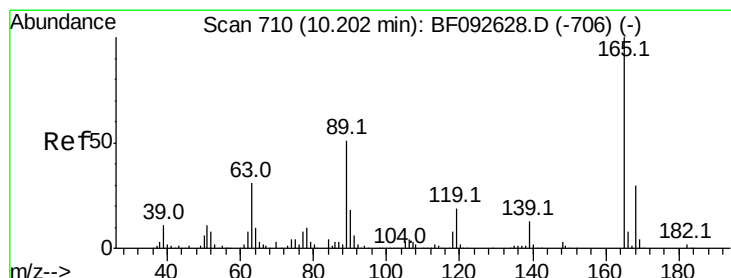
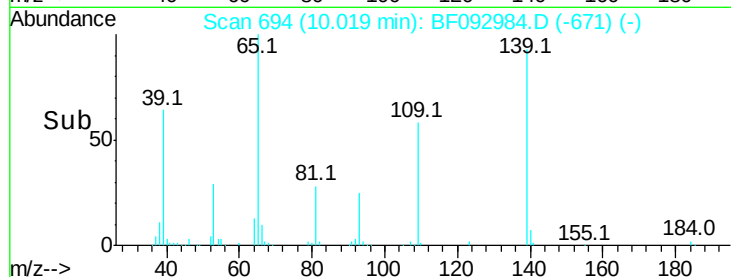
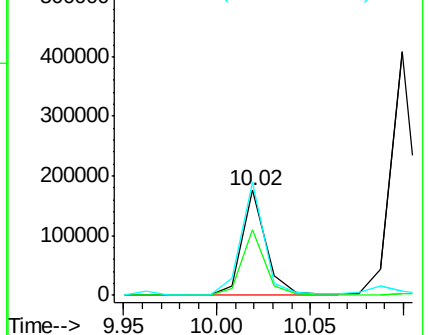
65 107.6 85.8 125.8



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: 37.81 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Tgt Ion:165 Resp: 251035

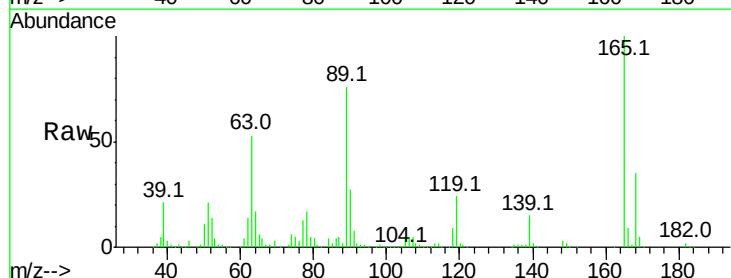
Ion Ratio Lower Upper

165 100

63 52.6 40.2 60.4

89 76.0 62.5 93.7

182 2.3 1.8 2.8

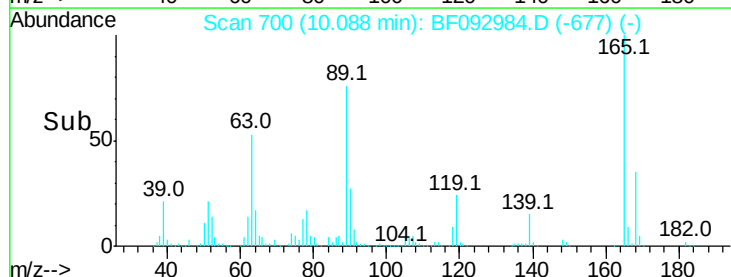
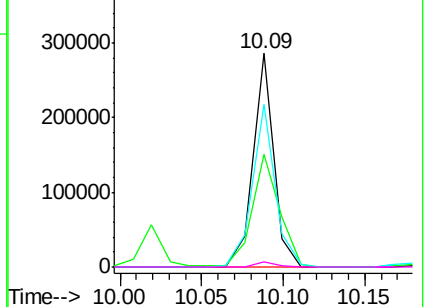


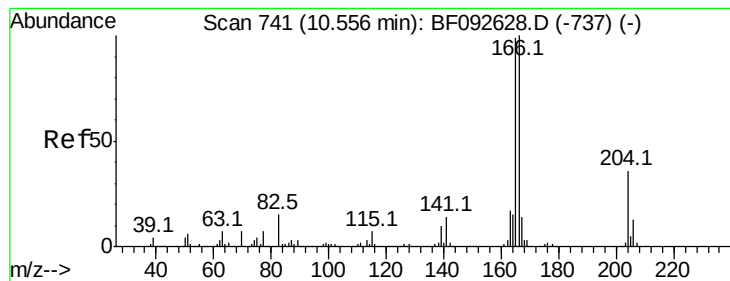
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.65 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

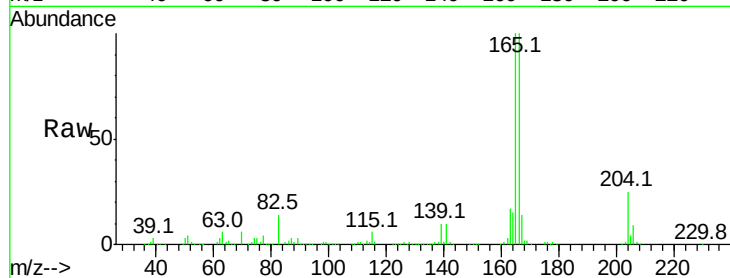
Tot Ion:166 Resp: 797737

Ion Ratio Lower Upper

166 100

165 100.0 77.8 116.8

167 13.6 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

1200000

1000000

800000

600000

400000

200000

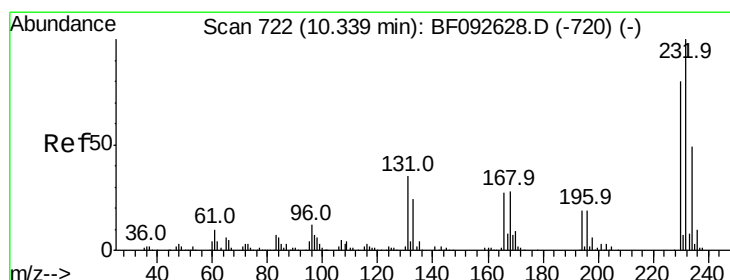
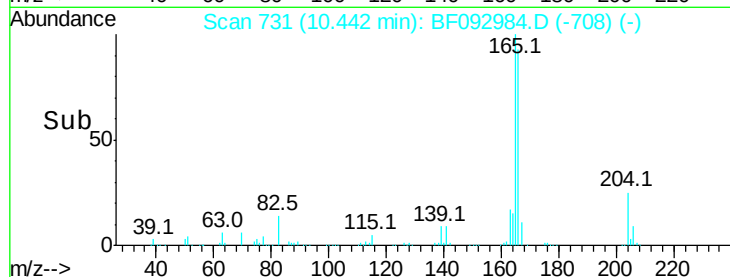
0

10.44

10.40

10.50

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.78 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Tgt Ion:232 Resp: 202373

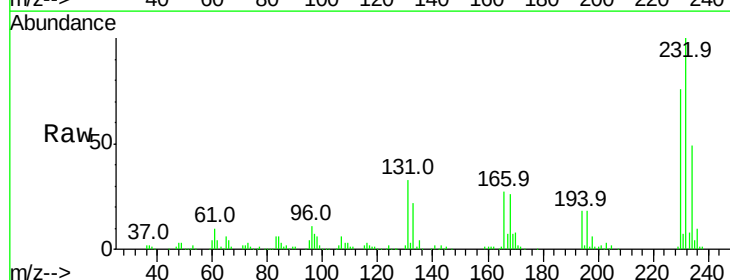
Ion Ratio Lower Upper

232 100

131 45.9 40.1 60.1

130 2.3 1.8 2.8

166 31.9 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

300000

200000

100000

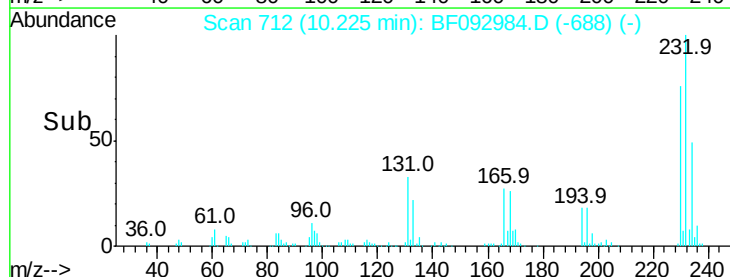
0

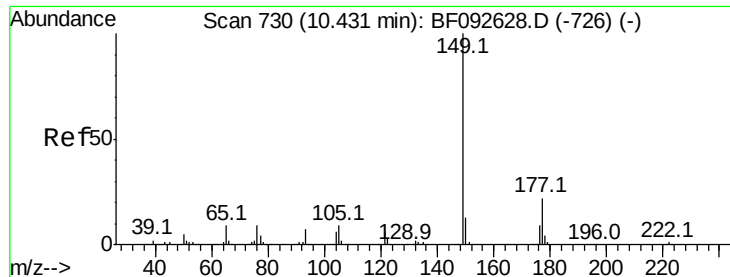
10.22

10.20

10.30

Time-->

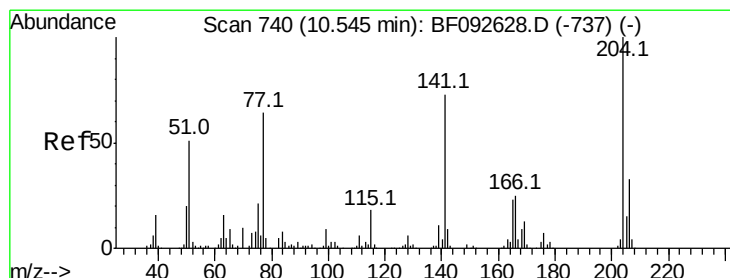
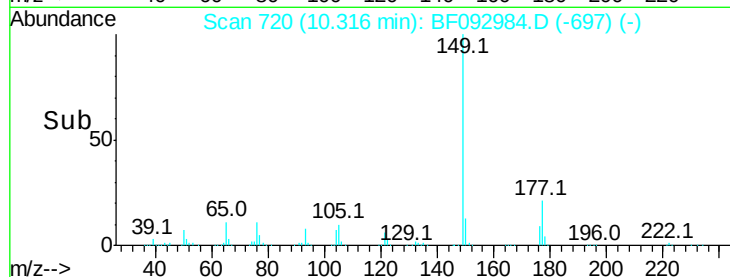
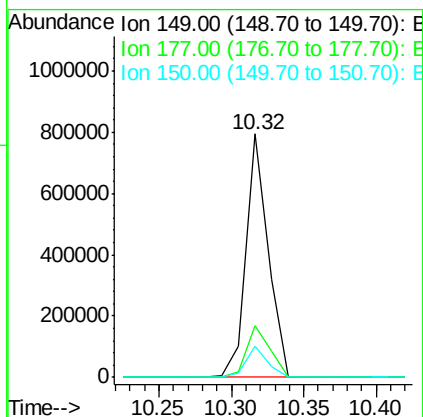
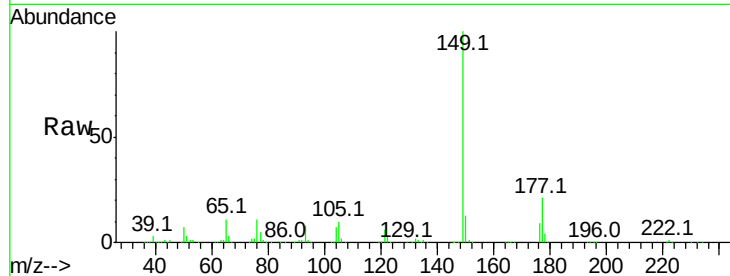




#59
Diethylphthalate
Concen: 38.43 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF092984.D
Acq: 16 Feb 2017 16:38

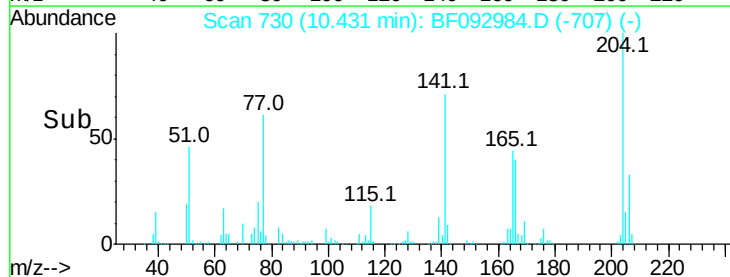
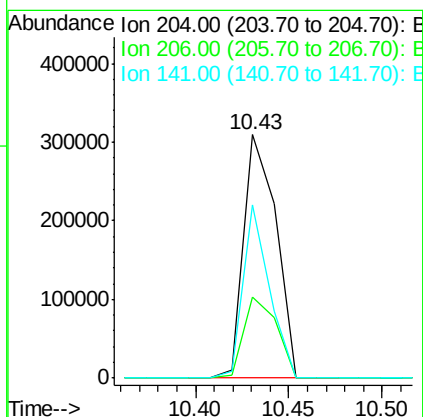
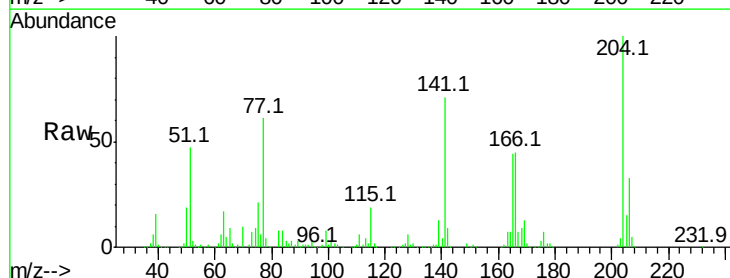
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

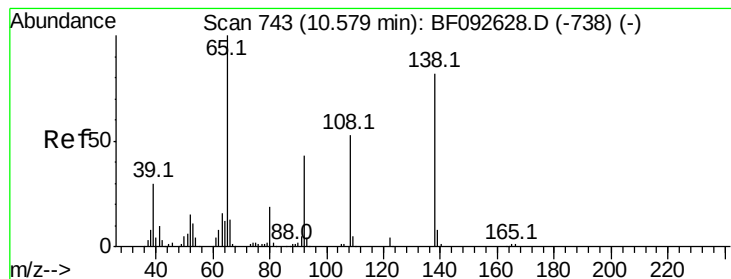
Tot Ion:149 Resp: 836282
Ion Ratio Lower Upper
149 100
177 21.5 16.6 25.0
150 12.8 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 37.59 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF092984.D
Acq: 16 Feb 2017 16:38

Tgt Ion:204 Resp: 372754
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 71.1 59.4 89.0





#61

4-Nitroaniline

Concen: 43.84 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

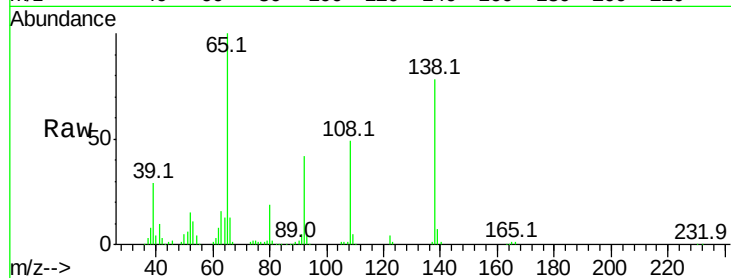
Tot Ion:138 Resp: 256280

Ion Ratio Lower Upper

138 100

92 53.8 31.7 71.7

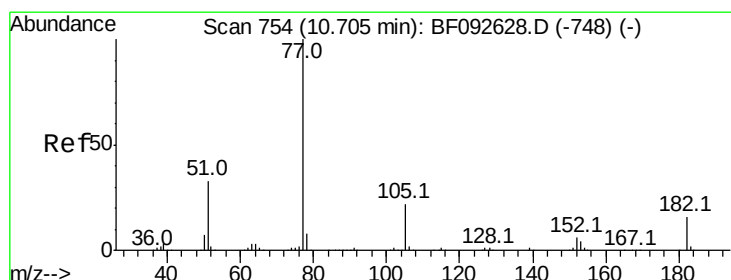
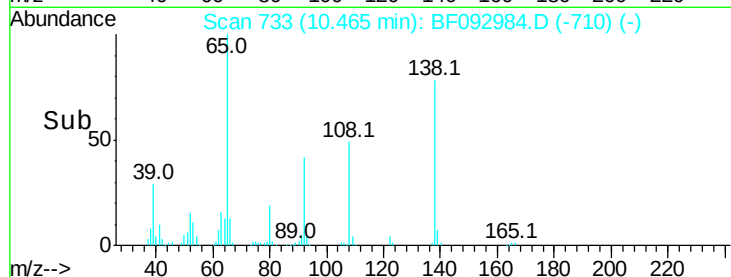
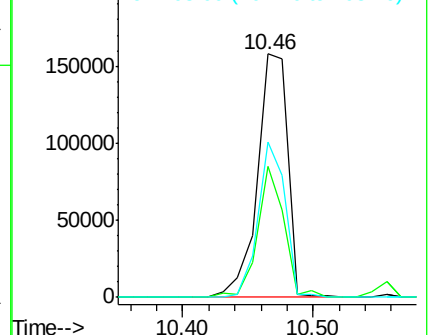
108 63.6 52.6 92.6



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: 40.94 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Tgt Ion: 77 Resp: 920521

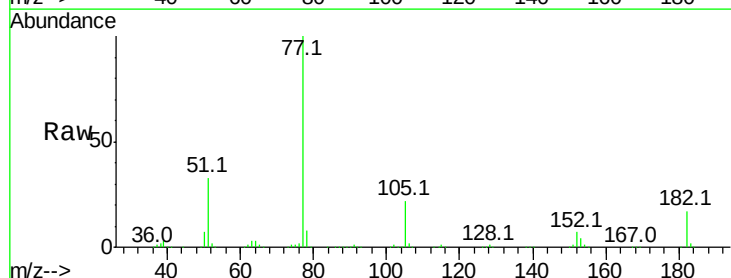
Ion Ratio Lower Upper

77 100

182 17.5 0.0 39.3

105 21.8 2.3 42.3

51 32.7 8.9 48.9

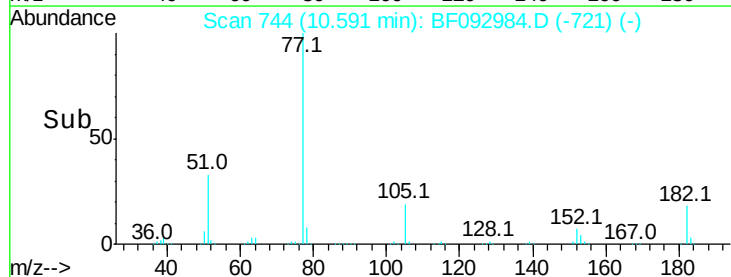
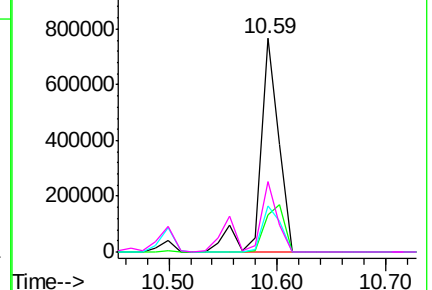


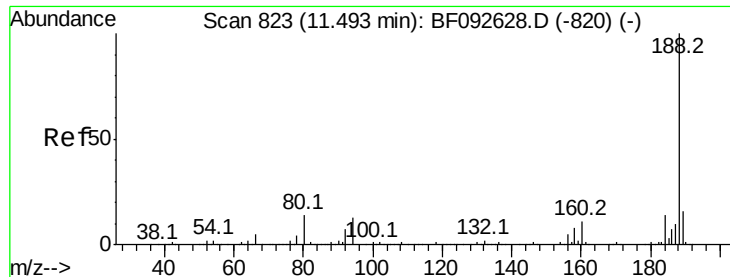
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.38 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

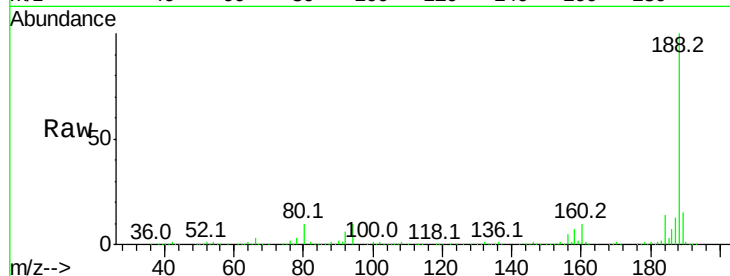
Tot Ion:188 Resp: 588651

Ion Ratio Lower Upper

188 100

94 10.1 10.0 15.0

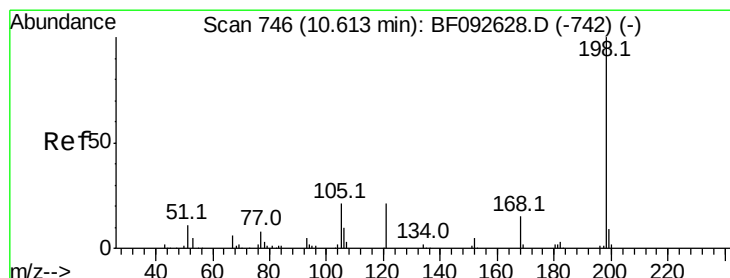
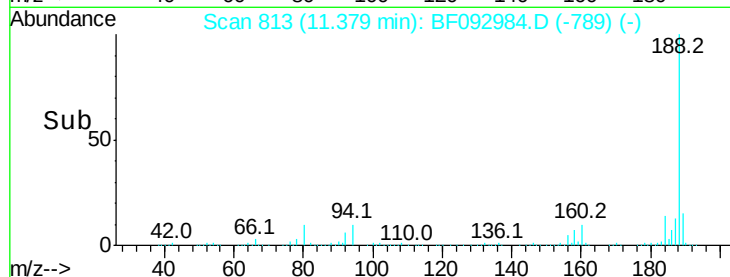
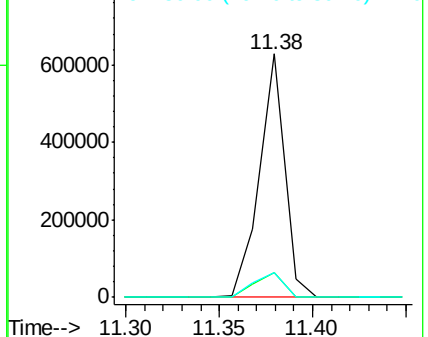
80 10.2 11.2 16.8#



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: 47.64 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

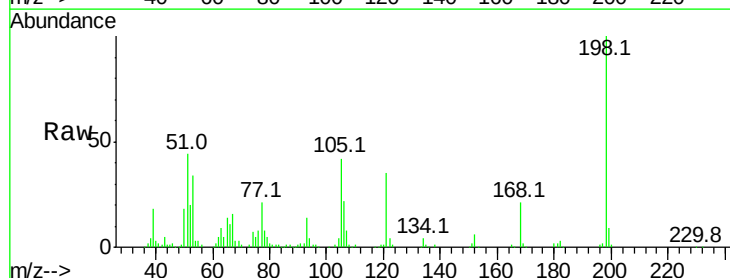
Tgt Ion:198 Resp: 170608

Ion Ratio Lower Upper

198 100

51 44.2 6.7 46.7

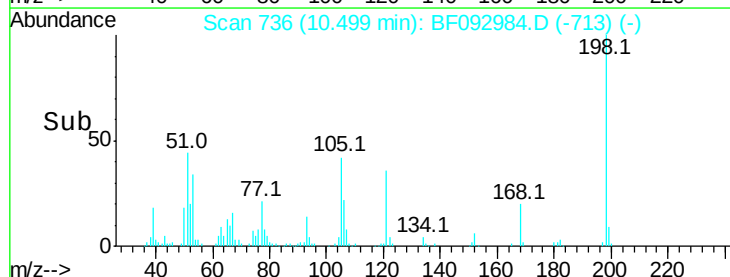
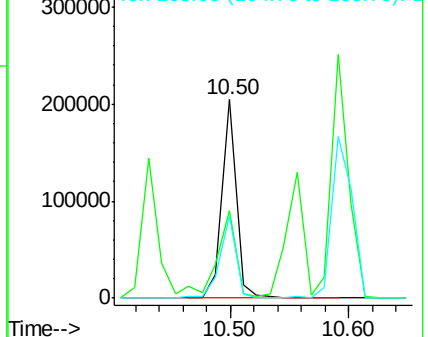
105 41.9 16.6 56.6

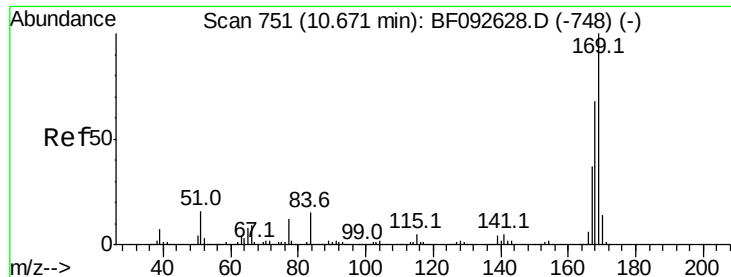


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.46 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

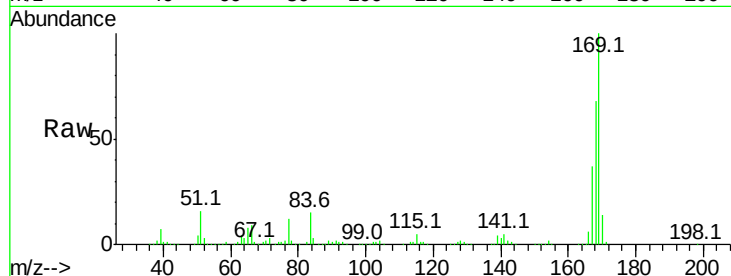
Tot Ion:169 Resp: 723212

Ion Ratio Lower Upper

169 100

168 67.5 54.2 81.2

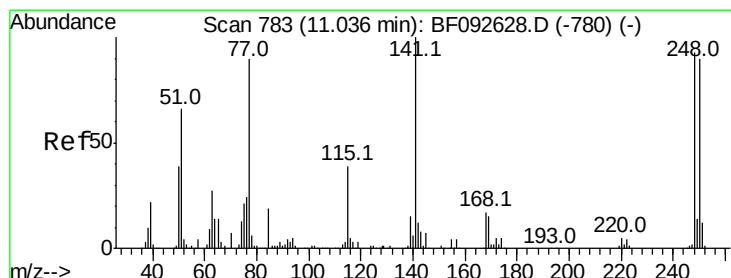
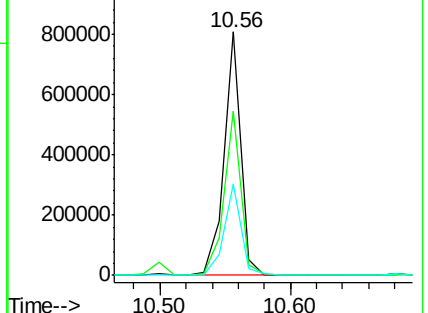
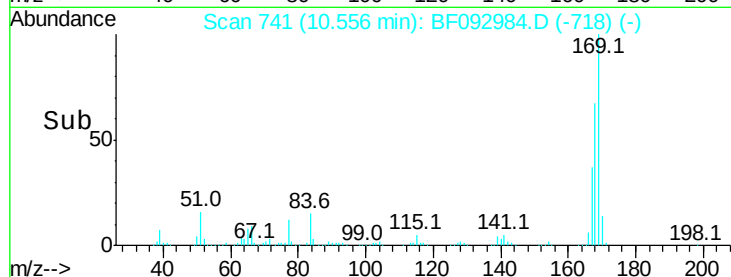
167 37.4 30.2 45.4



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: 36.57 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

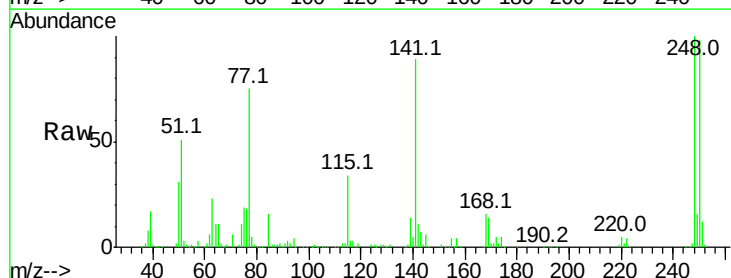
Tgt Ion:248 Resp: 224925

Ion Ratio Lower Upper

248 100

250 97.9 76.9 115.3

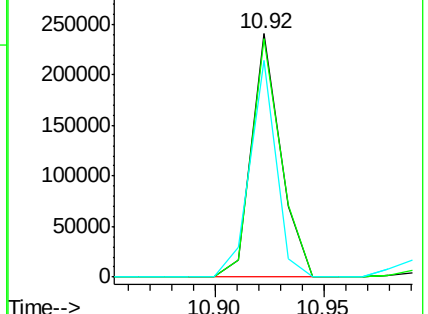
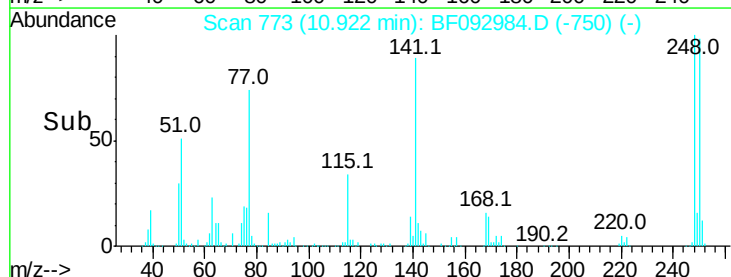
141 89.0 68.2 102.4

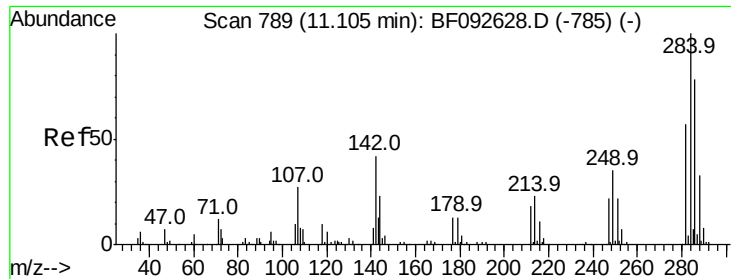


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

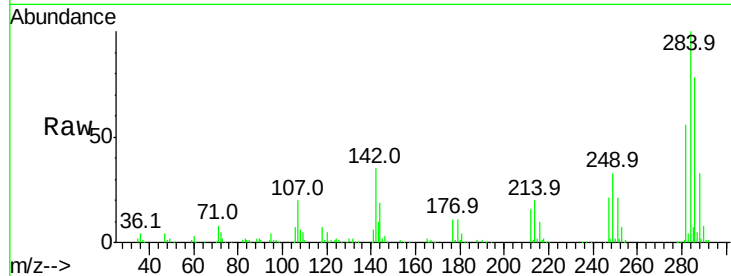




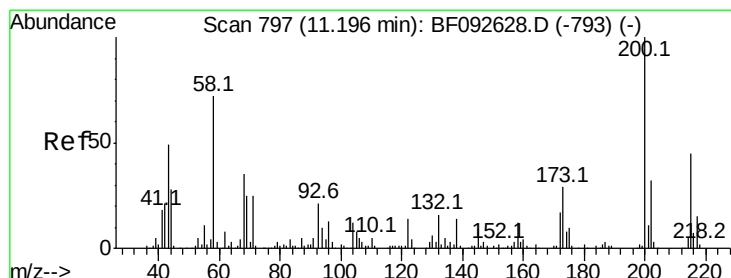
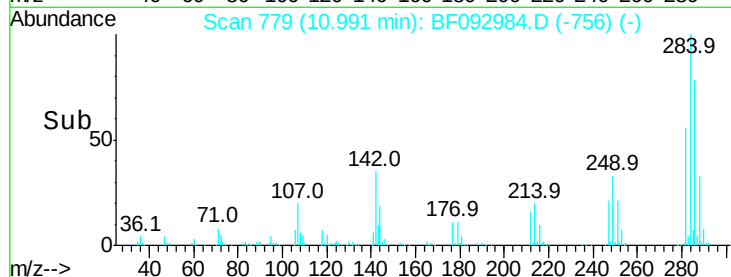
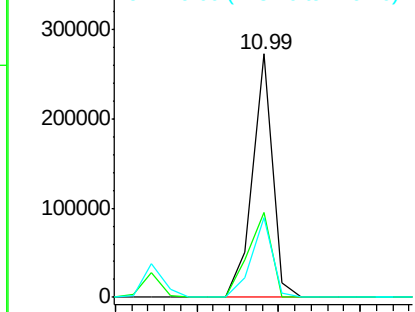
#67
Hexachlorobenzene
Concen: 38.59 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF092984.D
Acq: 16 Feb 2017 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.0	22.6	33.8#
249	33.0	25.4	38.0

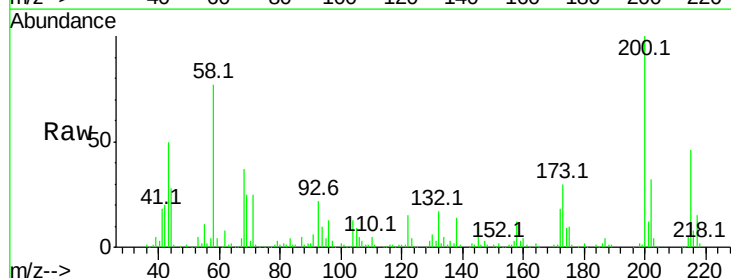


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

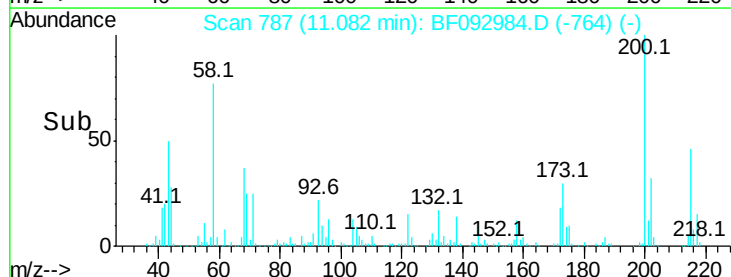
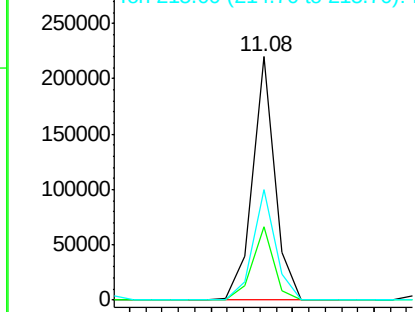


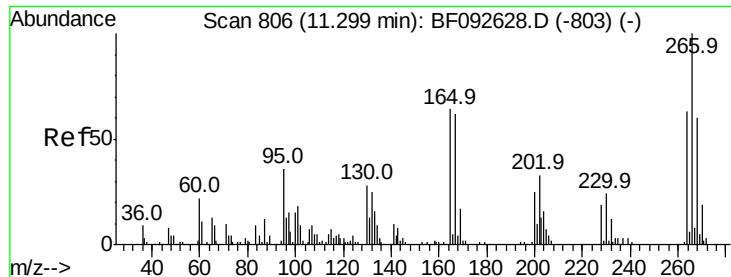
#68
Atrazine
Concen: 34.81 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF092984.D
Acq: 16 Feb 2017 16:38

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.1	9.6	49.6
215	45.6	25.7	65.7



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

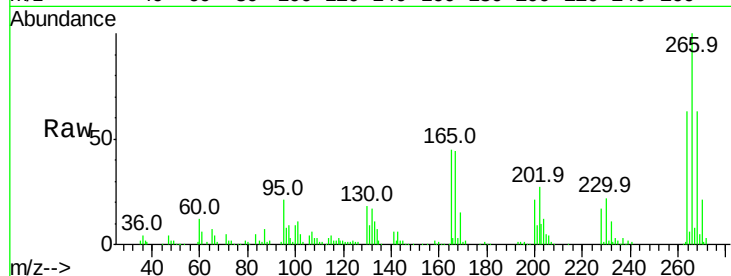




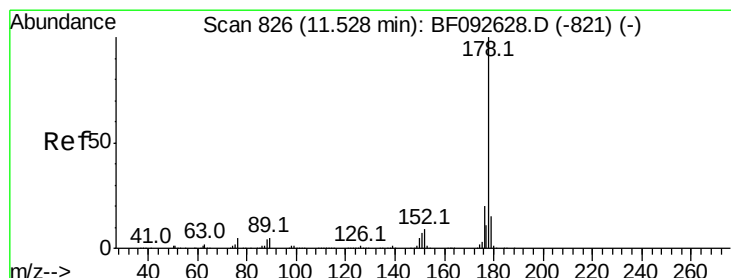
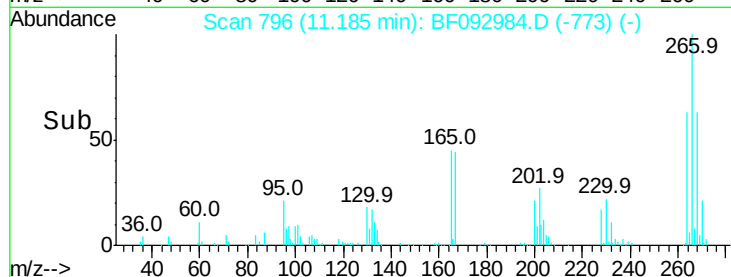
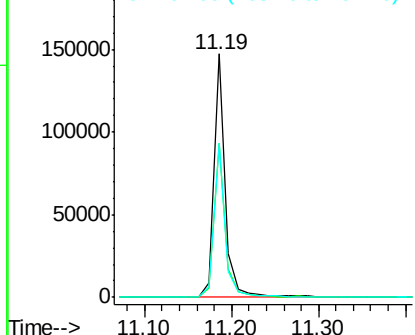
#69
 Pentachlorophenol
 Concen: 46.84 ng
 RT: 11.19 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:266 Resp: 136674
 Ion Ratio Lower Upper
 266 100
 268 63.3 53.3 79.9
 264 63.3 50.3 75.5

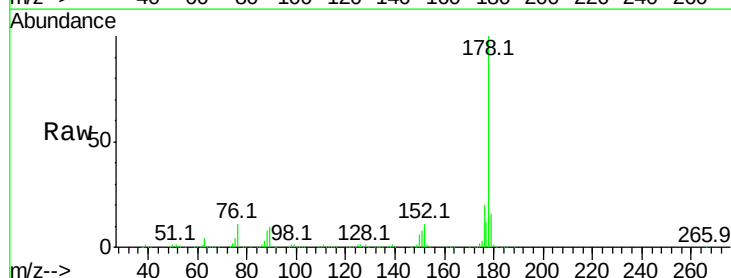


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

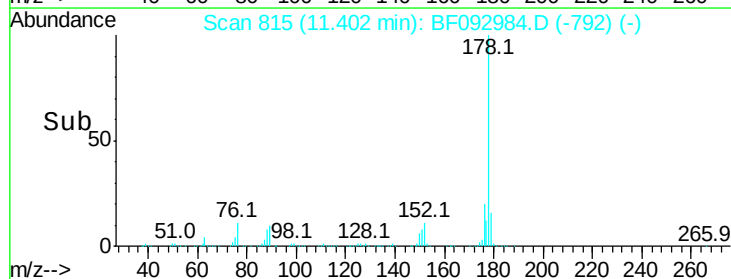
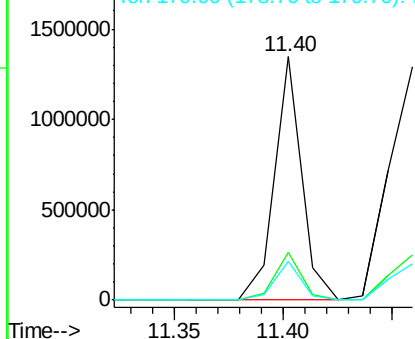


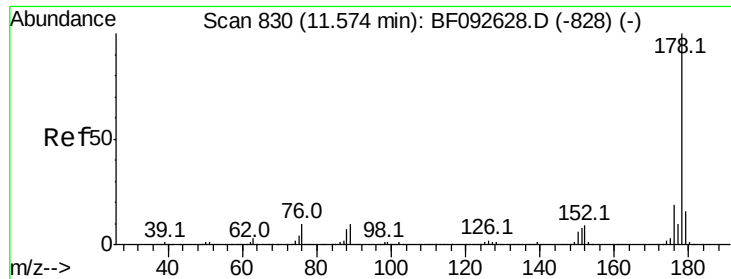
#70
 Phenanthrene
 Concen: 35.26 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

Tgt Ion:178 Resp: 1189011
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.9 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

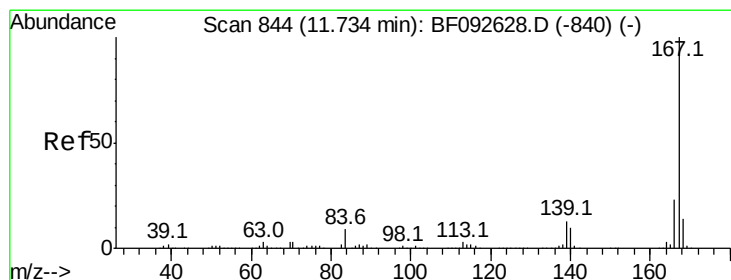
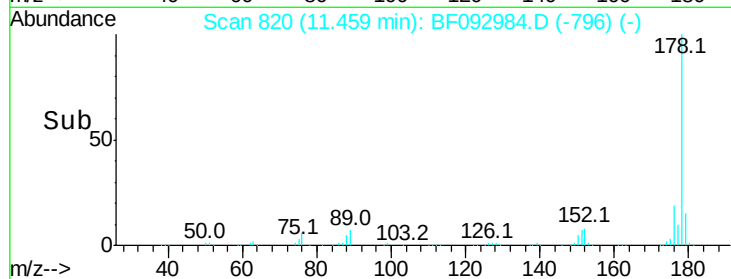
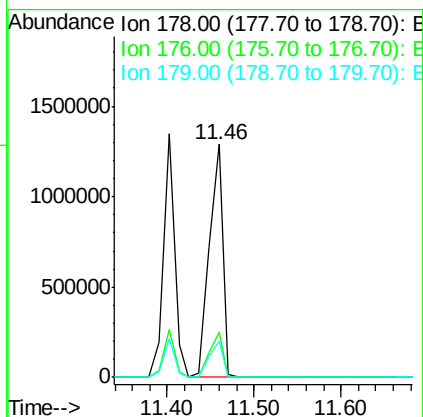
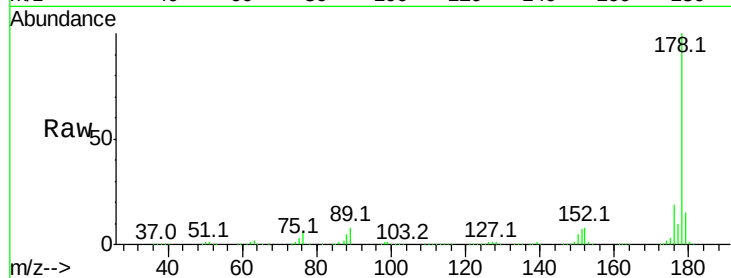




#71
 Anthracene
 Concen: 41.54 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

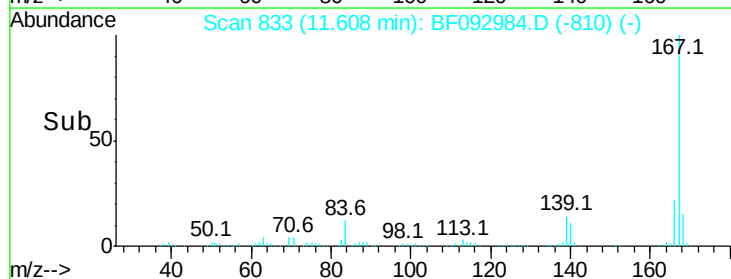
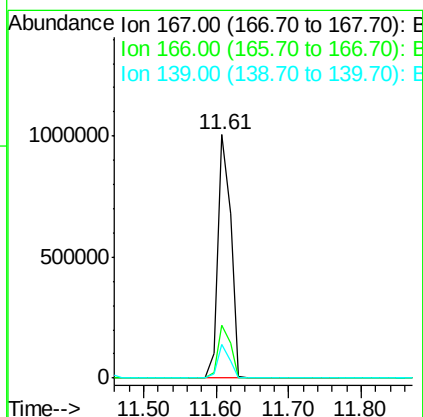
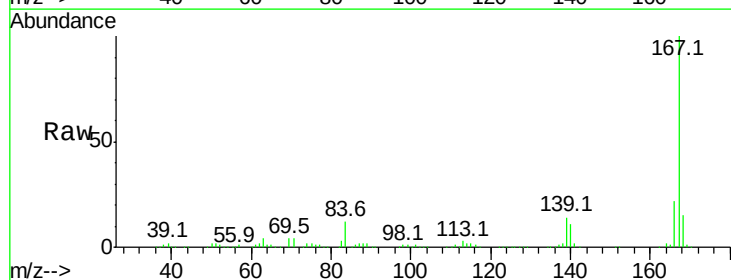
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

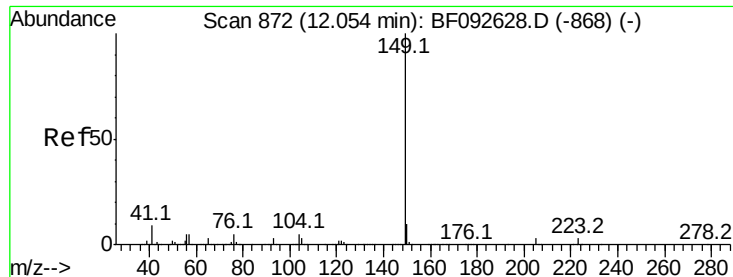
Tot Ion:178 Resp: 1406785
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.4 13.2 19.8



#72
 Carbazole
 Concen: 38.18 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.03 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

Tgt Ion:167 Resp: 1236012
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.2
 139 13.7 11.4 17.2





#73

Di-n-butylphthalate

Concen: 38.60 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

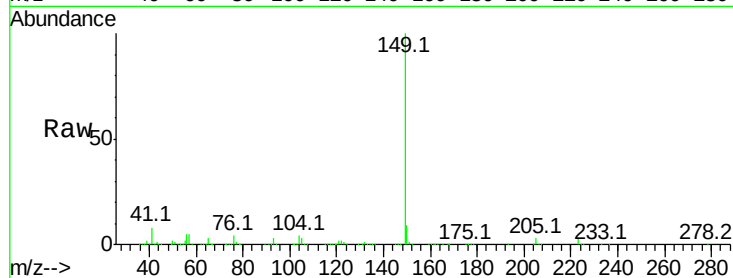
Tot Ion:149 Resp: 1351464

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

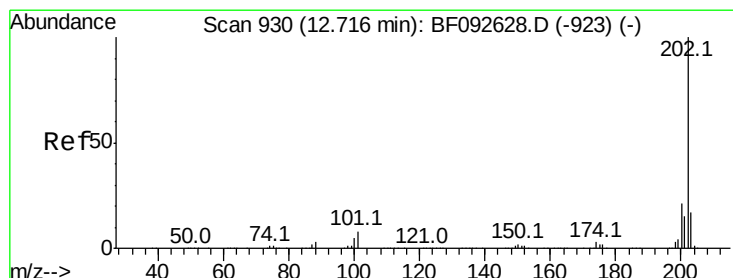
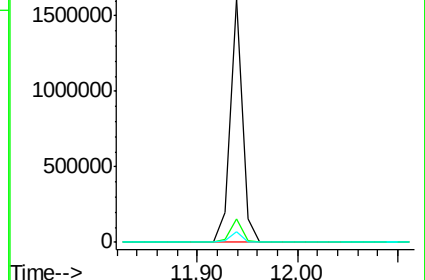
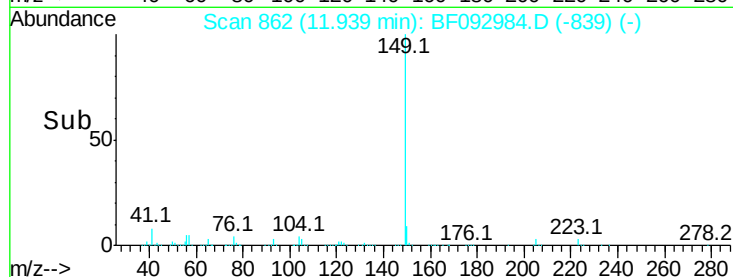
104 4.5 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.33 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

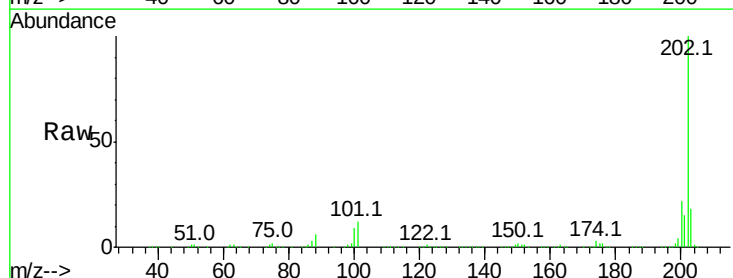
Tgt Ion:202 Resp: 1333469

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.6

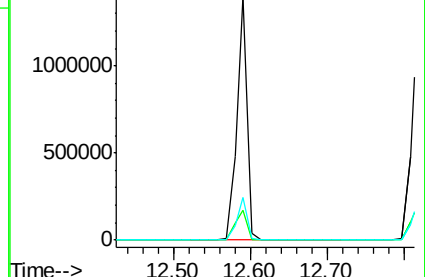
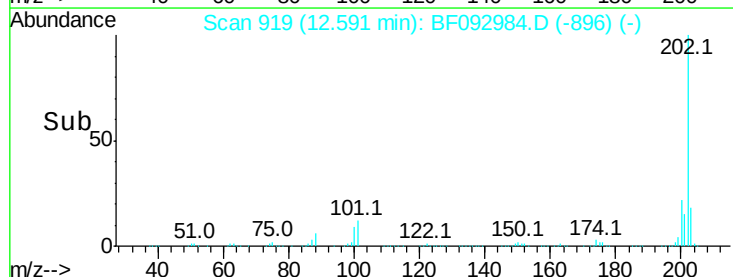
203 17.7 0.0 38.7

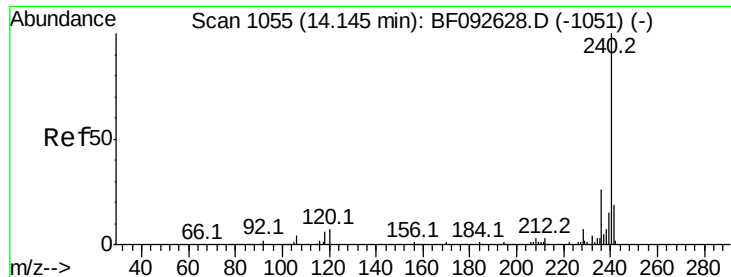


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

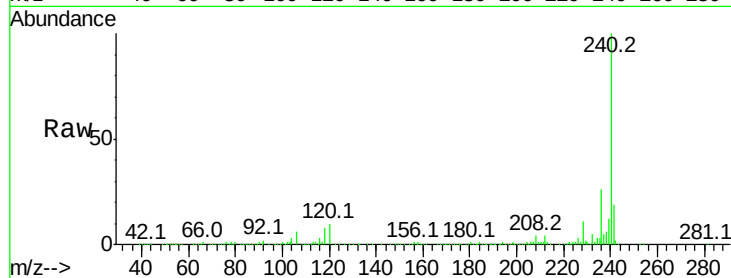
Tot Ion:240 Resp: 496601

Ion Ratio Lower Upper

240 100

120 9.6 12.9 19.3#

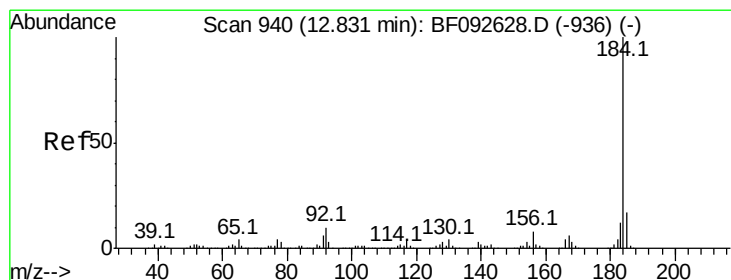
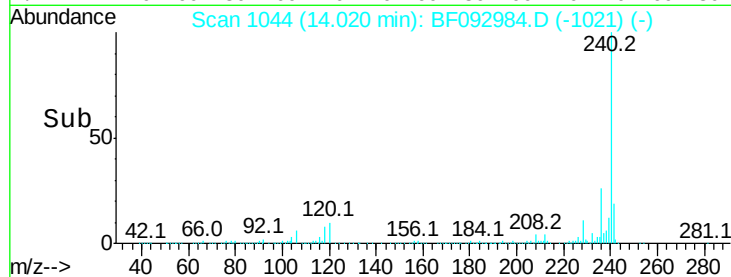
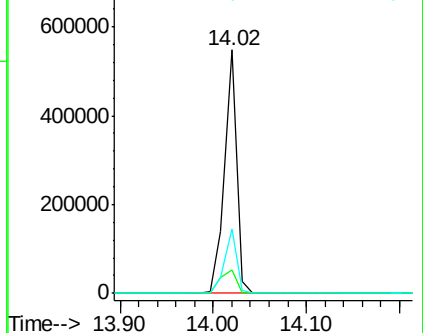
236 26.2 20.9 31.3



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: 26.06 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

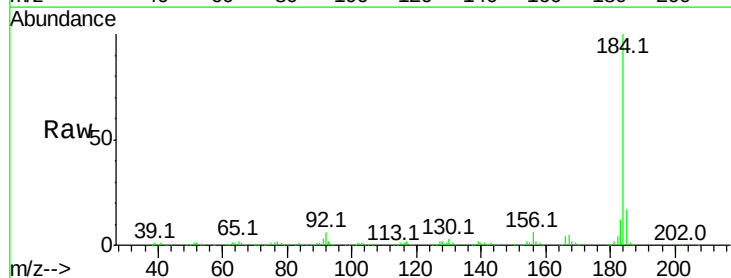
Tgt Ion:184 Resp: 551433

Ion Ratio Lower Upper

184 100

185 16.9 13.4 20.0

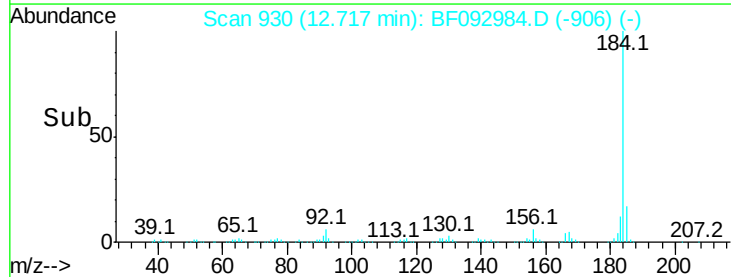
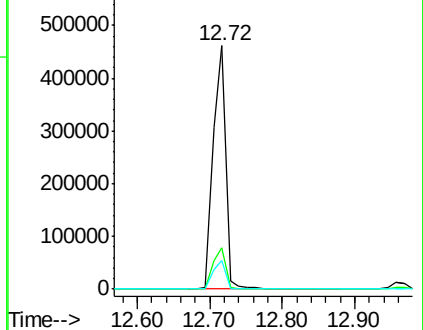
183 11.8 9.2 13.8

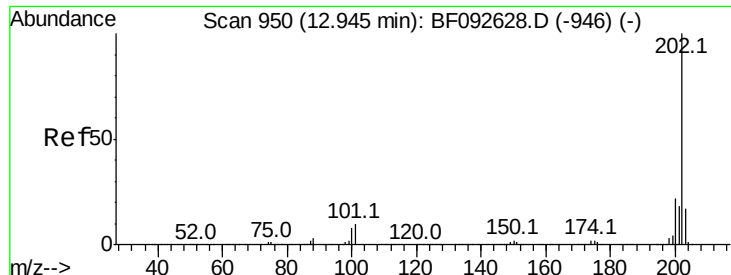


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.16 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.03 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

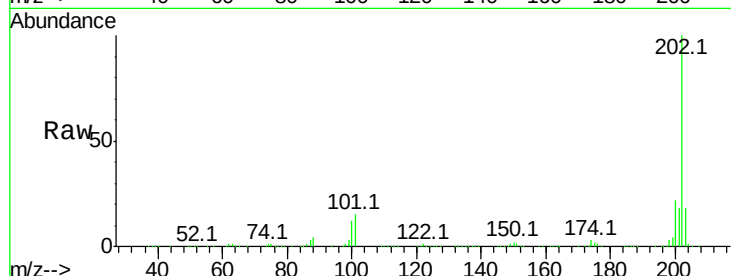
Tot Ion:202 Resp: 1343752

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

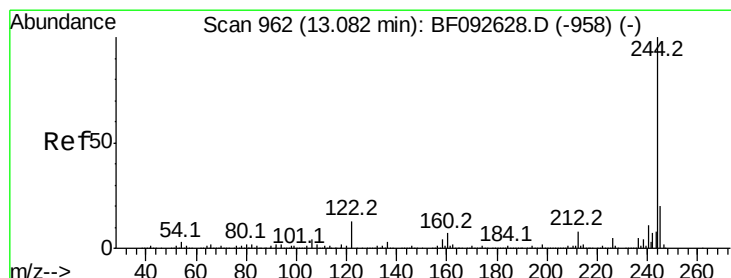
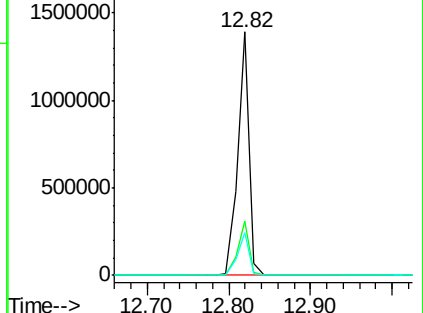
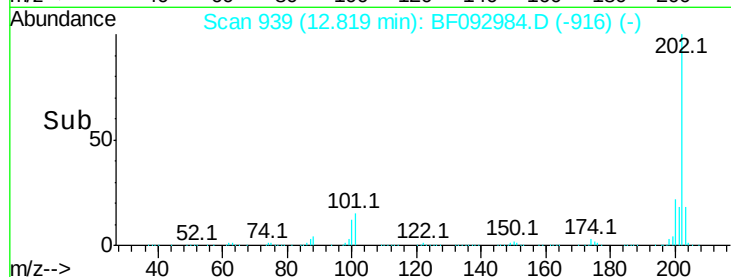
203 17.6 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.00 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

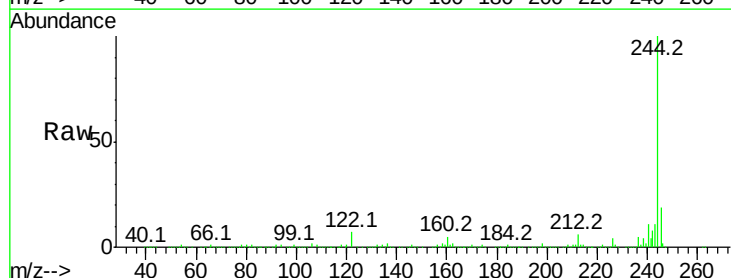
Tgt Ion:244 Resp: 1648437

Ion Ratio Lower Upper

244 100

212 6.5 6.2 9.2

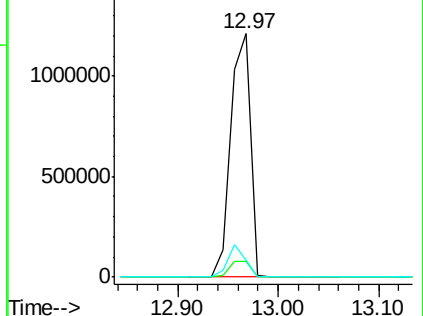
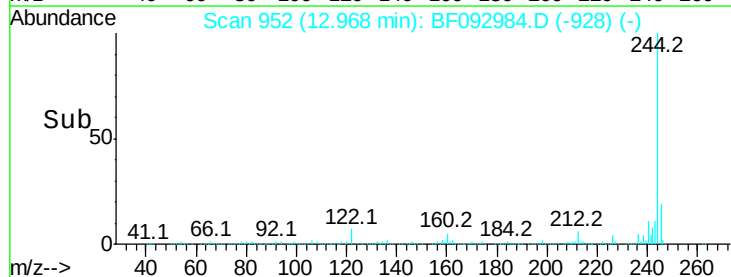
122 6.9 11.4 17.2#

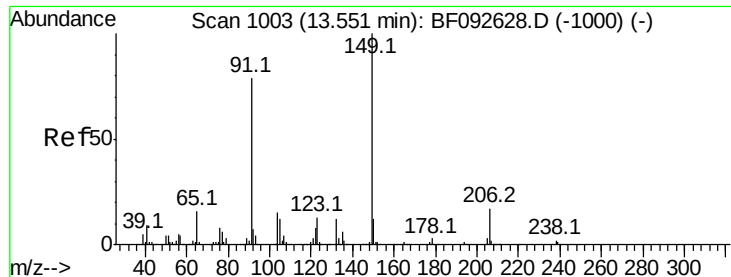


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

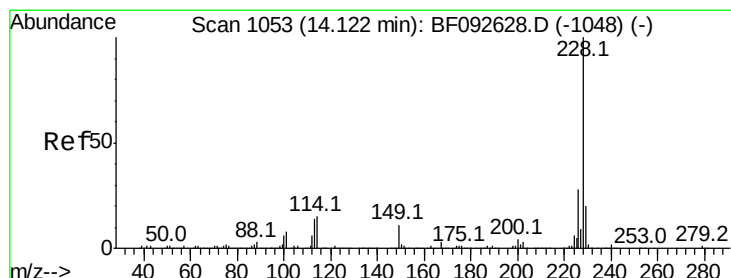
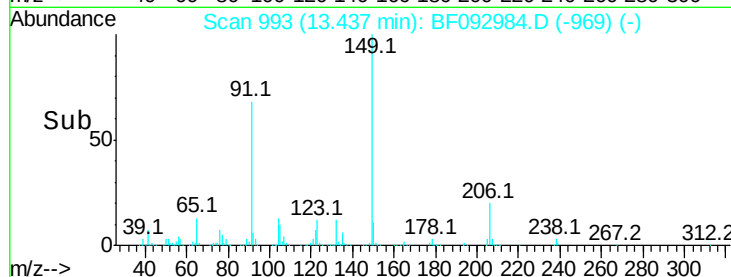
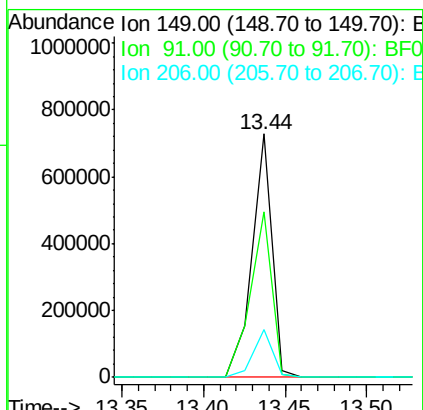
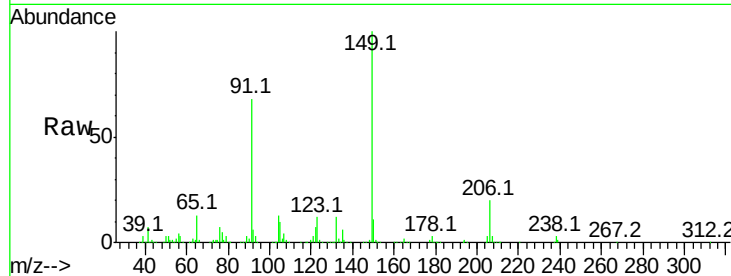




#79
Butylbenzylphthalate
Concen: 41.13 ng
RT: 13.44 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF092984.D
Acq: 16 Feb 2017 16:38

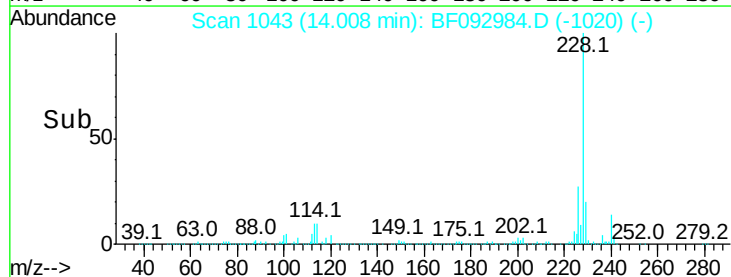
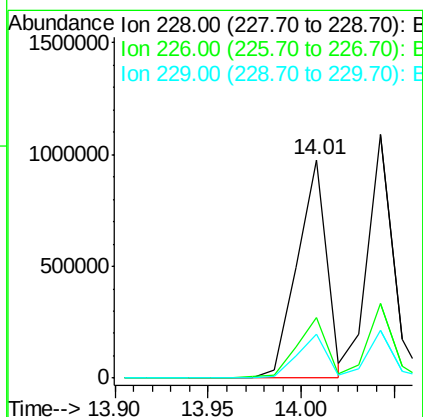
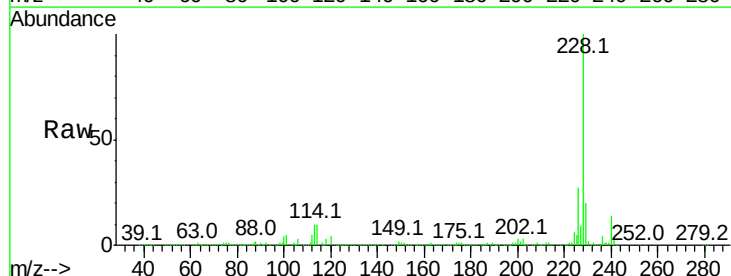
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

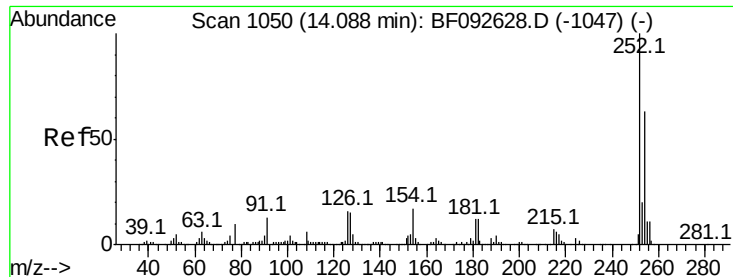
Tot Ion:149 Resp: 620755
Ion Ratio Lower Upper
149 100
91 68.0 63.9 95.9
206 19.7 14.6 21.8



#80
Benzo(a)anthracene
Concen: 35.55 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF092984.D
Acq: 16 Feb 2017 16:38

Tgt Ion:228 Resp: 1079682
Ion Ratio Lower Upper
228 100
226 27.5 22.4 33.6
229 20.1 16.2 24.4

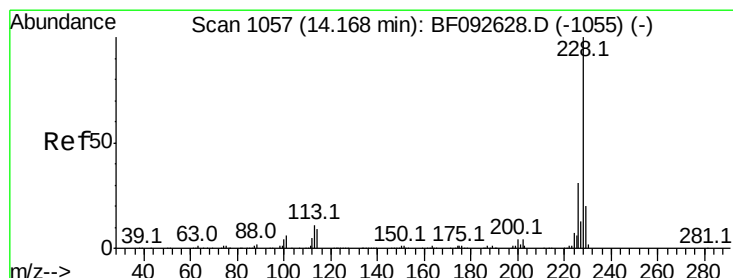
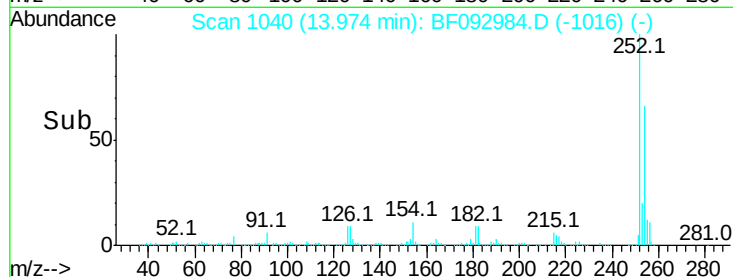
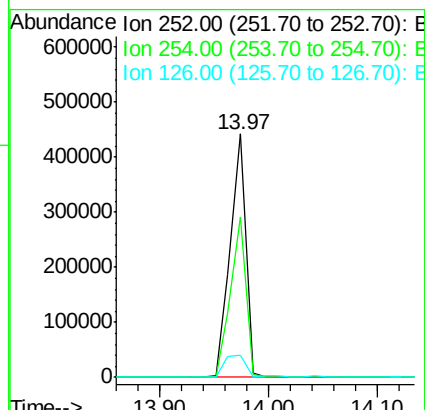
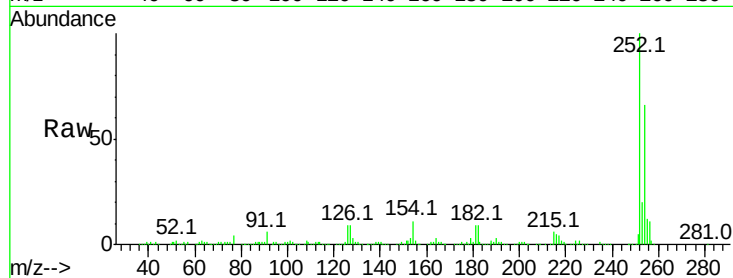




#81
 3,3'-Dichlorobenzidine
 Concen: 40.85 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

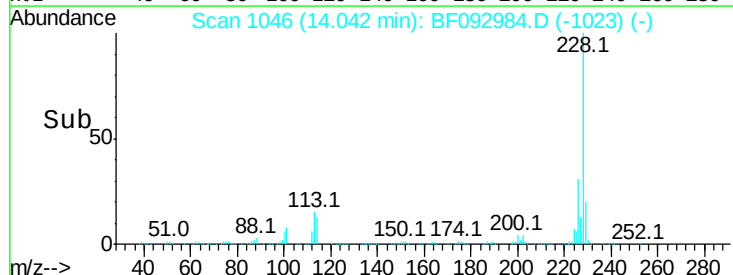
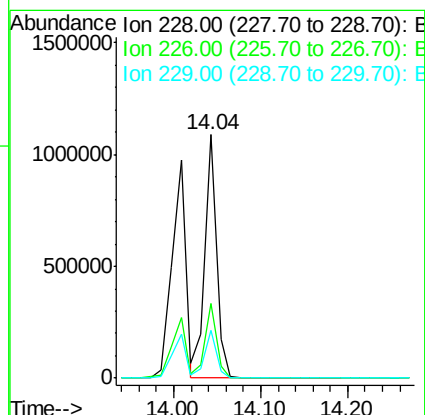
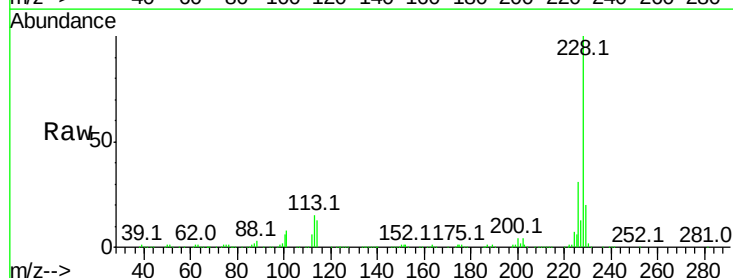
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

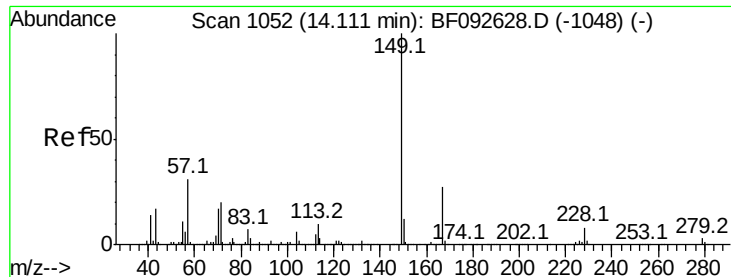
Tot Ion:252 Resp: 442286
 Ion Ratio Lower Upper
 252 100
 254 65.7 52.3 78.5
 126 9.3 13.6 20.4#



#82
 Chrysene
 Concen: 35.75 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

Tgt Ion:228 Resp: 1016589
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.0
 229 19.8 16.2 24.2

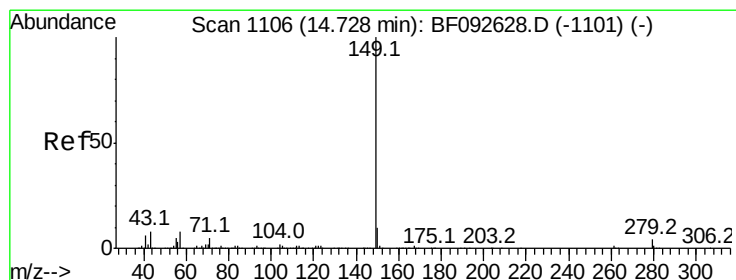
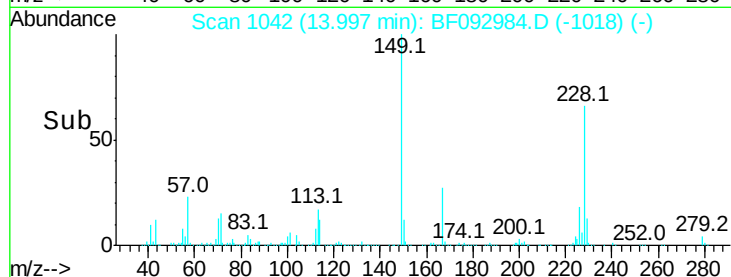
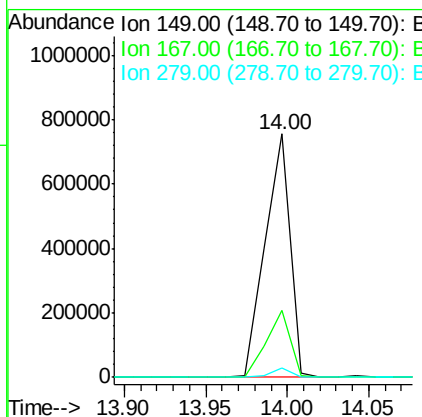
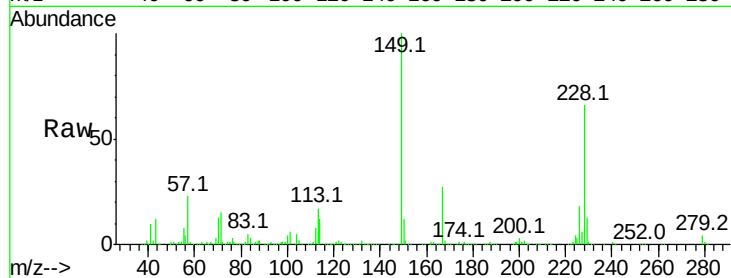




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.22 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

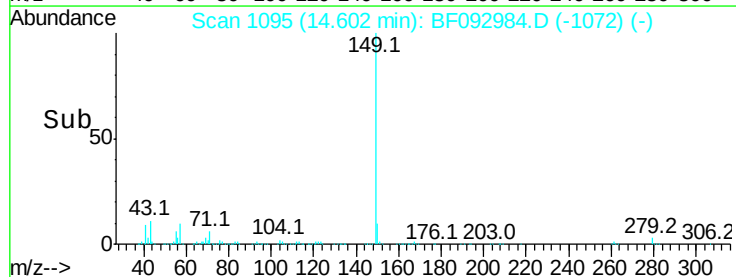
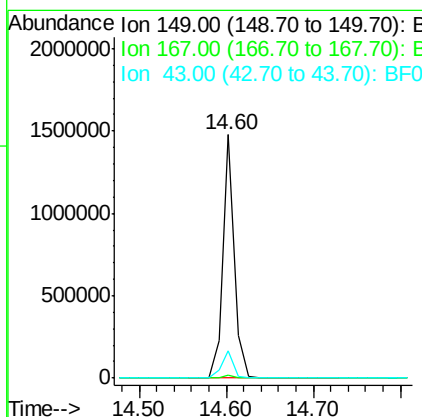
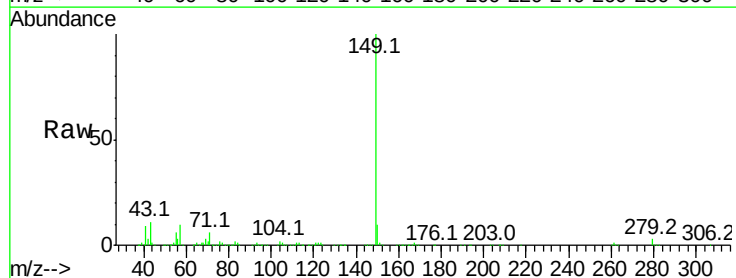
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

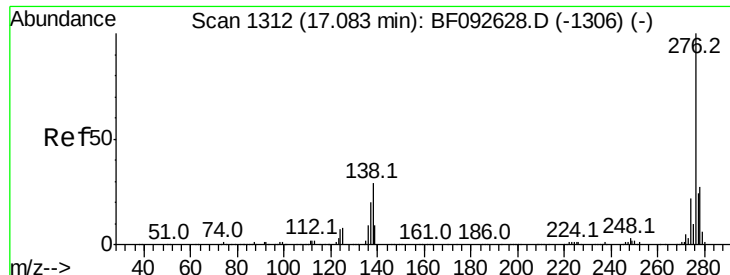
Tot Ion:149 Resp: 809464
 Ion Ratio Lower Upper
 149 100
 167 27.3 20.2 30.4
 279 3.8 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 40.41 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BF092984.D
 Acq: 16 Feb 2017 16:38

Tgt Ion:149 Resp: 1358175
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.3 1.9
 43 11.8 8.9 13.3

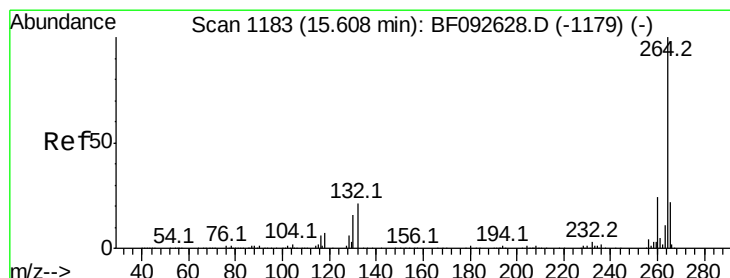
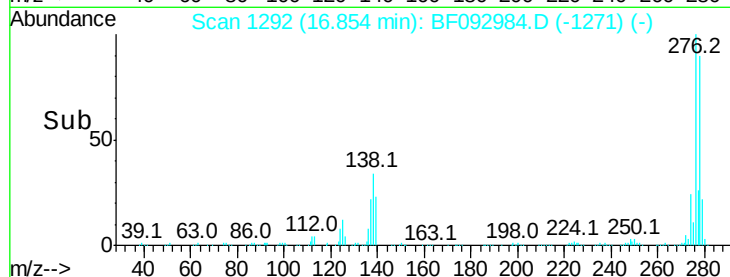
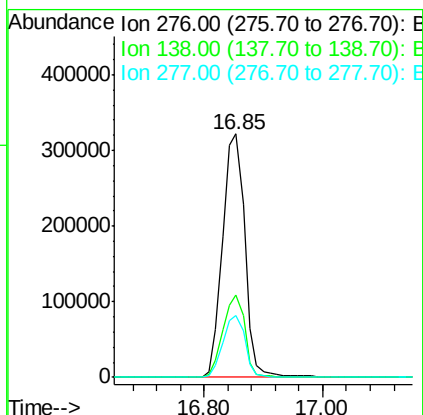
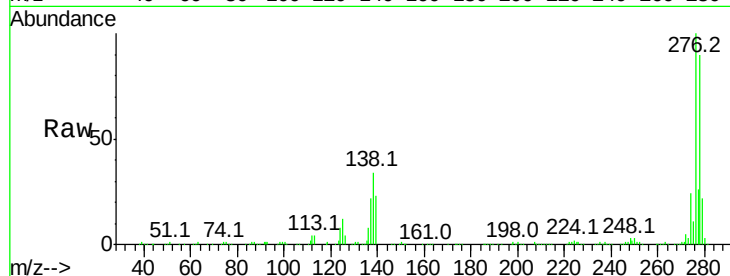




#85
Indeno(1,2,3-cd)pyrene
Concen: 38.22 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BF092984.D
Acq: 16 Feb 2017 16:38

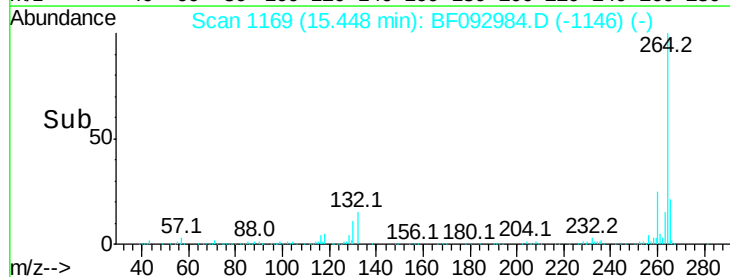
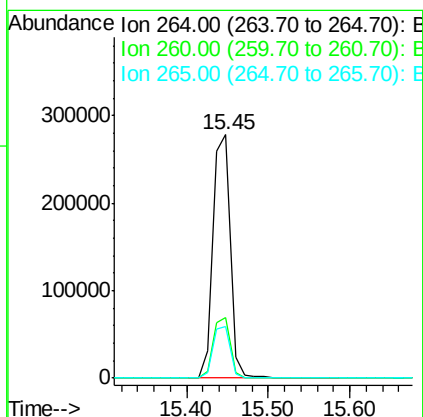
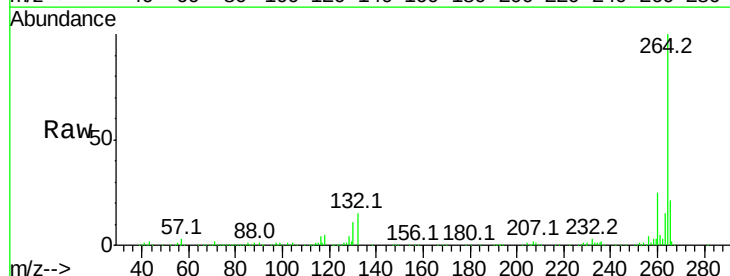
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

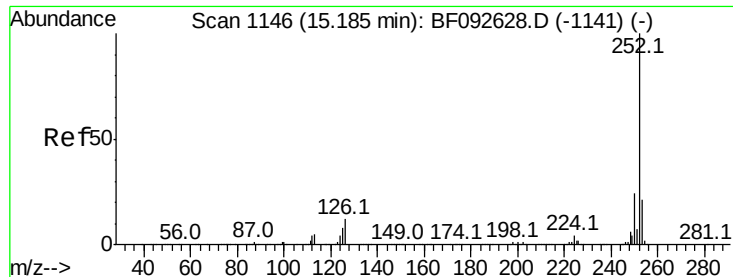
Tot Ion:276 Resp: 841975
Ion Ratio Lower Upper
276 100
138 33.5 21.8 32.6#
277 25.5 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF092984.D
Acq: 16 Feb 2017 16:38

Tgt Ion:264 Resp: 414159
Ion Ratio Lower Upper
264 100
260 25.1 19.2 28.8
265 21.1 17.4 26.0

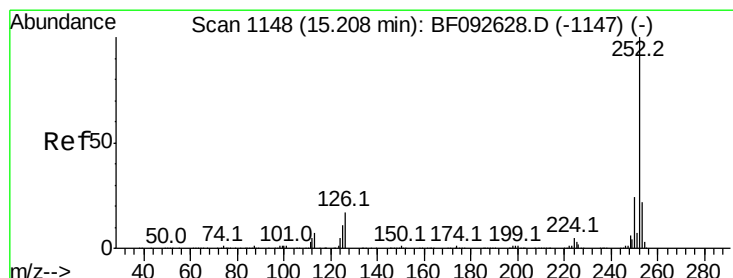
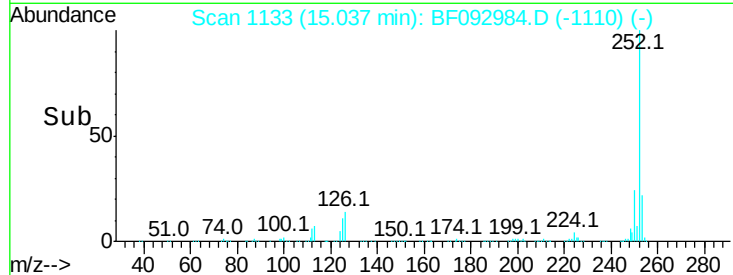
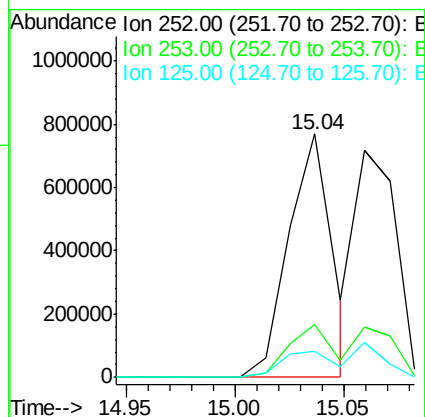
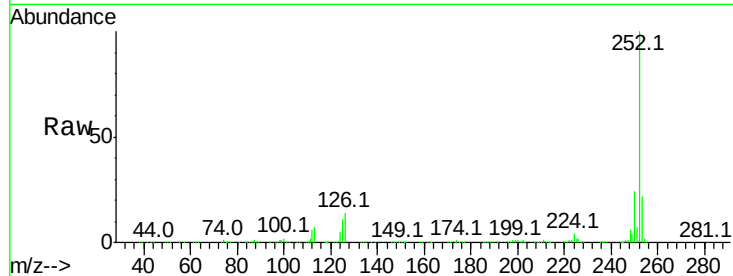




#87
Benzo(b)fluoranthene
Concen: 39.08 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF092984.D
Acq: 16 Feb 2017 16:38

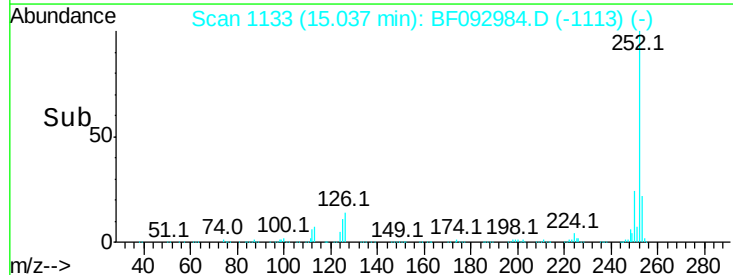
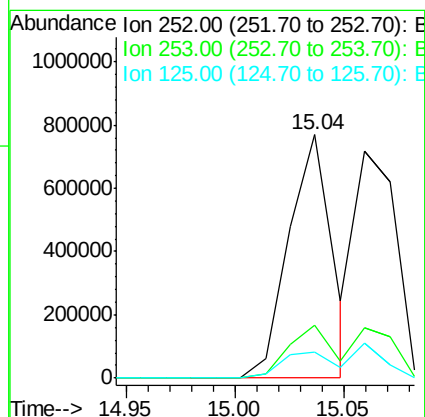
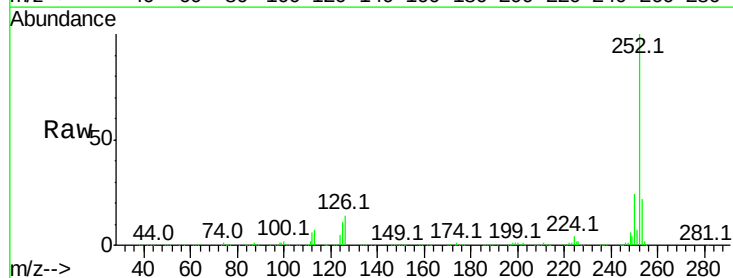
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

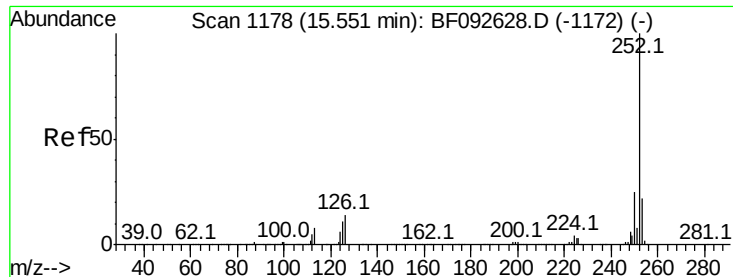
Tot Ion:252 Resp: 1065430
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 10.8 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 45.27 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.07 min
Lab File: BF092984.D
Acq: 16 Feb 2017 16:38

Tgt Ion:252 Resp: 1065430
Ion Ratio Lower Upper
252 100
253 21.9 18.5 27.7
125 10.8 8.9 13.3

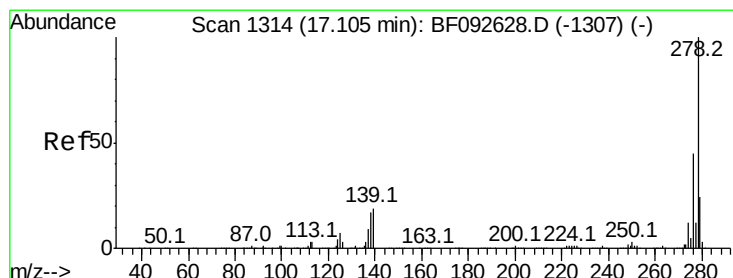
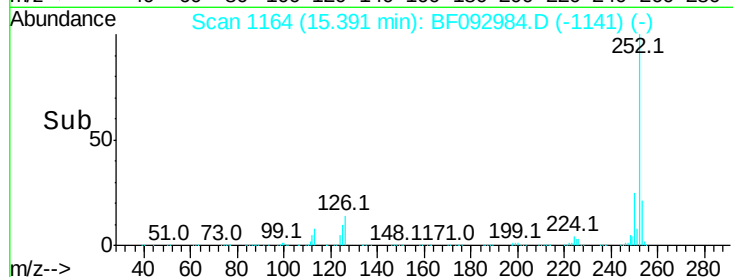
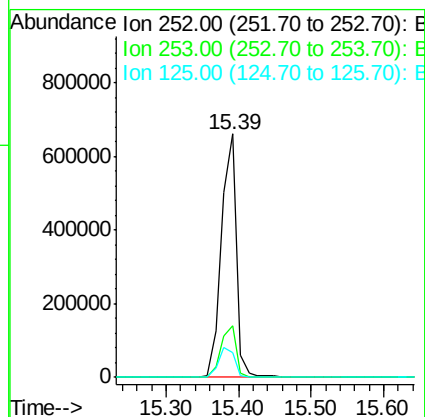
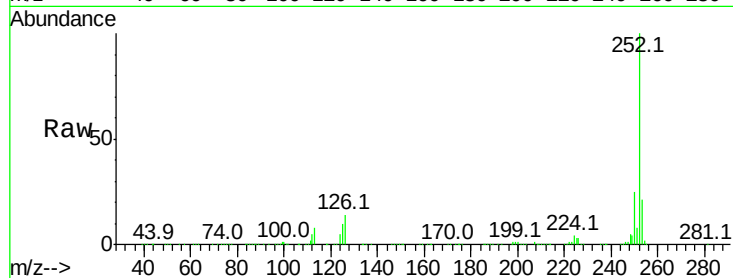




#89
Benzo(a)pyrene
Concen: 40.40 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BF092984.D
Acq: 16 Feb 2017 16:38

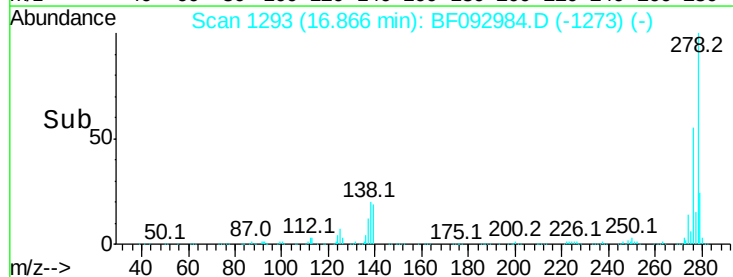
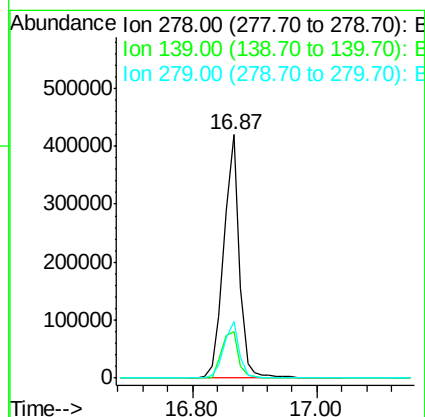
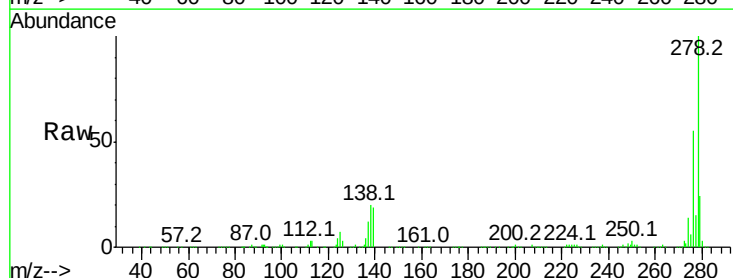
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

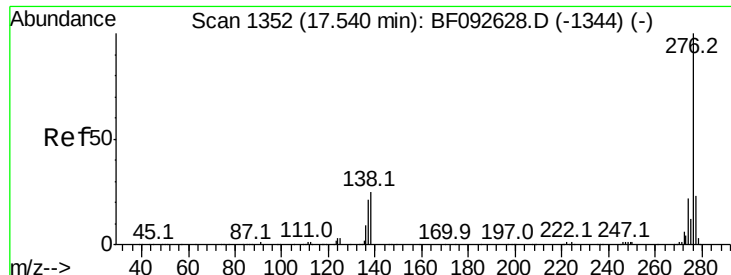
Tot Ion:252 Resp: 952584
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.2
125 10.3 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 38.12 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.07 min
Lab File: BF092984.D
Acq: 16 Feb 2017 16:38

Tgt Ion:278 Resp: 726557
Ion Ratio Lower Upper
278 100
139 19.2 14.8 22.2
279 23.5 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 37.30 ng

RT: 17.28 min Scan# 1329

Delta R.T. -0.07 min

Lab File: BF092984.D

Acq: 16 Feb 2017 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

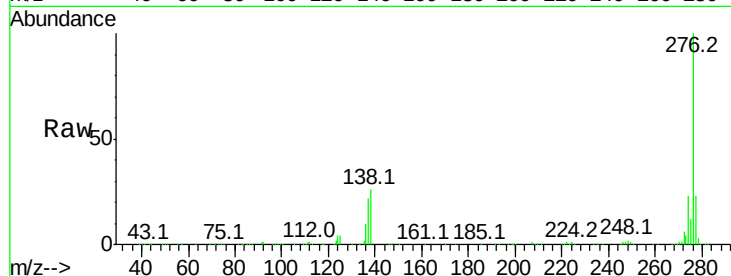
Tot Ion:276 Resp: 718044

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 26.3 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

