

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
 Data File : BF092784.D
 Acq On : 3 Feb 2017 19:21
 Operator : SJ/MA
 Sample : PB96697BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

Quant Time: Feb 03 22:12:50 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	123394	20.00	ng	-0.05
21) Naphthalene-d8	8.21	136	517373	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	314658	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	550072	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	461081	20.00	ng	-0.03
86) Perylene-d12	15.57	264	395620	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	955946	132.91	ng	-0.03
7) Phenol-d6	6.57	99	1314910	142.09	ng	-0.03
23) Nitrobenzene-d5	7.49	82	741127	79.77	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	305058	134.04	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1526314	87.88	ng	-0.03
78) Terphenyl-d14	13.05	244	1454905	74.14	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	142256	36.60	ng	85
3) Pyridine	3.34	79	360699	36.50	ng	86
4) n-Nitrosodimethylamine	3.30	42	197484	42.56	ng	# 86
6) Aniline	6.59	93	216451	17.15	ng	87
8) 2-Chlorophenol	6.72	128	379943	47.88	ng	97
9) Benzaldehyde	6.48	77	205151	30.94	ng	94
10) Phenol	6.59	94	407233	37.61	ng	85
11) bis(2-Chloroethyl)ether	6.67	93	351400	40.66	ng	93
12) 1,3-Dichlorobenzene	6.94	146	429385	46.20	ng	96
13) 1,4-Dichlorobenzene	6.94	146	429385	45.65	ng	95
14) 1,2-Dichlorobenzene	7.09	146	379146	42.15	ng	97
15) Benzyl Alcohol	7.07	79	302851	44.20	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	611467	40.73	ng	93
17) 2-Methylphenol	7.20	107	310389	45.60	ng	98
18) Hexachloroethane	7.44	117	131626	40.99	ng	92
19) n-Nitroso-di-n-propylamine	7.34	70	270207	45.87	ng	98
20) 3+4-Methylphenols	7.34	107	379530	46.63	ng	93
22) Acetophenone	7.33	105	475852	40.28	ng	# 94
24) Nitrobenzene	7.52	77	416973	43.71	ng	# 85
25) Isophorone	7.76	82	712303	41.14	ng	97
26) 2-Nitrophenol	7.82	139	195093	43.02	ng	94
27) 2,4-Dimethylphenol	7.87	122	344918	43.31	ng	97
28) bis(2-Chloroethoxy)methane	7.96	93	458964	40.03	ng	99
29) 2,4-Dichlorophenol	8.08	162	347608	46.80	ng	96
30) 1,2,4-Trichlorobenzene	8.16	180	343799	42.95	ng	98
31) Naphthalene	8.24	128	1080808	41.21	ng	99
32) Benzoic acid	8.00	122	197226	44.35	ng	95
33) 4-Chloroaniline	8.28	127	81184	7.89	ng	97
34) Hexachlorobutadiene	8.35	225	177664	40.34	ng	100
35) Caprolactam	8.66	113	68770	29.43	ng	# 52
36) 4-Chloro-3-methylphenol	8.78	107	362979	46.87	ng	91
37) 2-Methylnaphthalene	8.93	142	759829	45.12	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	303657	34.38	ng	100
40) Hexachlorocyclopentadiene	9.08	237	290244	72.83	ng	94

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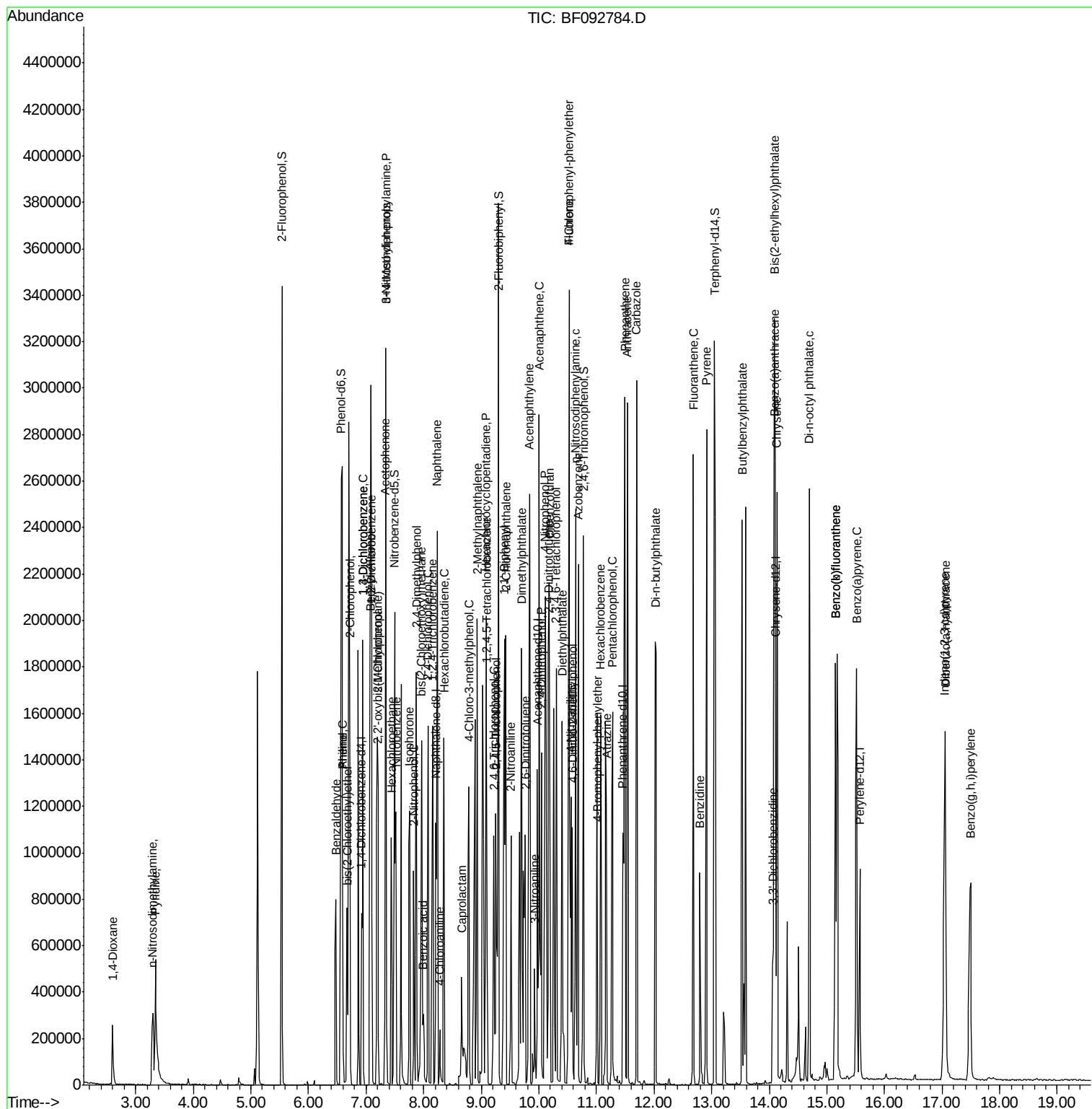
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	242073	41.71	ng	95
43) 2,4,5-Trichlorophenol	9.25	196	233439	36.71	ng	95
45) 1,1'-Biphenyl	9.40	154	883442	38.77	ng	98
46) 2-Chloronaphthalene	9.42	162	722044	40.51	ng	97
47) 2-Nitroaniline	9.52	65	253135	42.24	ng	90
48) Acenaphthylene	9.84	152	1172723	38.09	ng	99
49) Dimethylphthalate	9.70	163	886019	41.80	ng	99
50) 2,6-Dinitrotoluene	9.77	165	221736	48.44	ng	87
51) Acenaphthene	10.01	154	794485	43.16	ng	97
52) 3-Nitroaniline	9.93	138	76852	14.67	ng	95
53) 2,4-Dinitrophenol	10.04	184	192331	82.45	ng	# 75
54) Dibenzofuran	10.18	168	1048149	42.57	ng	98
55) 4-Nitrophenol	10.11	139	335187	88.85	ng	93
56) 2,4-Dinitrotoluene	10.17	165	259123	42.52	ng	96
57) Fluorene	10.52	166	786632	41.53	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.30	232	208108	49.06	ng	100
59) Diethylphthalate	10.41	149	937830	46.95	ng	94
60) 4-Chlorophenyl-phenylether	10.52	204	382355	42.01	ng	# 75
61) 4-Nitroaniline	10.56	138	256175	47.75	ng	90
62) Azobenzene	10.68	77	1101405	53.38	ng	92
64) 4,6-Dinitro-2-methylphenol	10.58	198	142661	42.91	ng	# 70
65) n-Nitrosodiphenylamine	10.64	169	719430	40.94	ng	99
66) 4-Bromophenyl-phenylether	11.01	248	237739	41.37	ng	# 78
67) Hexachlorobenzene	11.07	284	225309	39.67	ng	# 76
68) Atrazine	11.17	200	261680	46.40	ng	94
69) Pentachlorophenol	11.28	266	259304	87.69	ng	99
70) Phenanthrene	11.49	178	1354378	42.98	ng	98
71) Anthracene	11.54	178	1213556	38.35	ng	99
72) Carbazole	11.70	167	1206967	39.90	ng	99
73) Di-n-butylphthalate	12.03	149	1530998	46.79	ng	# 96
74) Fluoranthene	12.68	202	1267116	38.98	ng	94
76) Benzidine	12.80	184	402494	20.49	ng	97
77) Pyrene	12.91	202	1285485	37.25	ng	99
79) Butylbenzylphthalate	13.53	149	604494	43.14	ng	87
80) Benzo(a)anthracene	14.10	228	1088921	38.61	ng	100
81) 3,3'-Dichlorobenzidine	14.07	252	174457	17.35	ng	# 94
82) Chrysene	14.13	228	864907	32.76	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	792857	41.37	ng	# 96
84) Di-n-octyl phthalate	14.69	149	1363621	43.70	ng	100
85) Indeno(1,2,3-cd)pyrene	17.05	276	944795	46.20	ng	95
87) Benzo(b)fluoranthene	15.15	252	1099759	42.23	ng	97
88) Benzo(k)fluoranthene	15.15	252	1099759	48.91	ng	98
89) Benzo(a)pyrene	15.52	252	957085	42.49	ng	99
90) Dibenzo(a,h)anthracene	17.06	278	793379	43.58	ng	97
91) Benzo(g,h,i)perylene	17.49	276	794195	43.18	ng	# 95

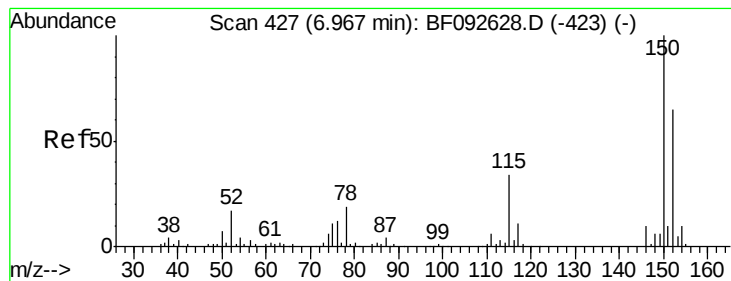
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.05 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS

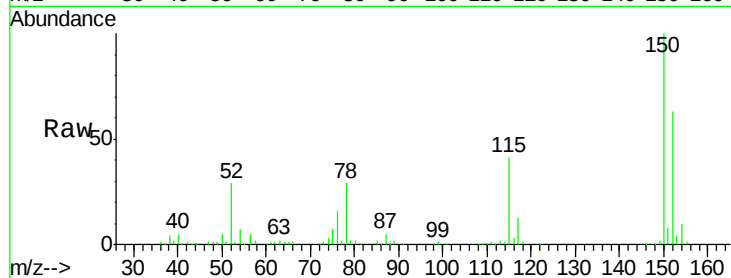
Tgt Ion:152 Resp: 123394

Ion Ratio Lower Upper

152 100

150 158.6 124.9 187.3

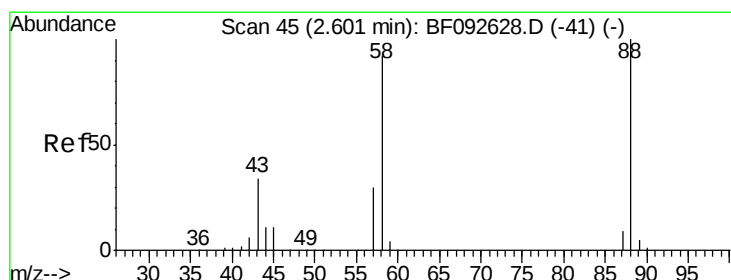
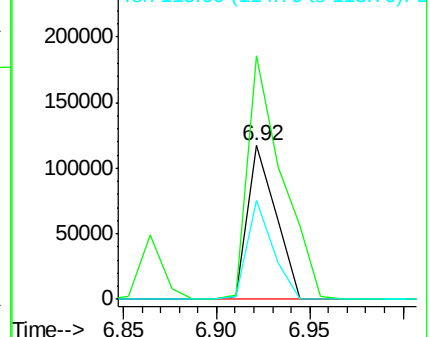
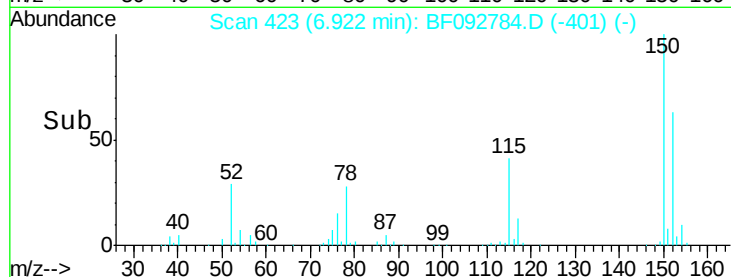
115 64.7 46.0 69.0



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: 36.60 ng

RT: 2.60 min Scan# 45

Delta R.T. -0.00 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

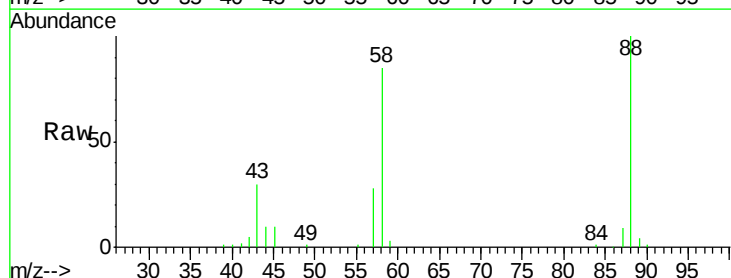
Tgt Ion: 88 Resp: 142256

Ion Ratio Lower Upper

88 100

58 86.3 57.8 86.8

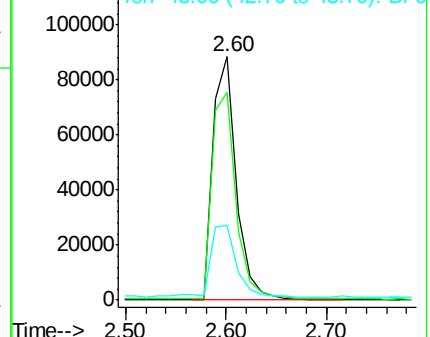
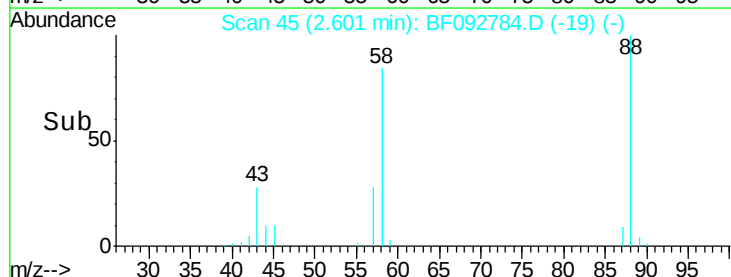
43 32.5 22.3 33.5

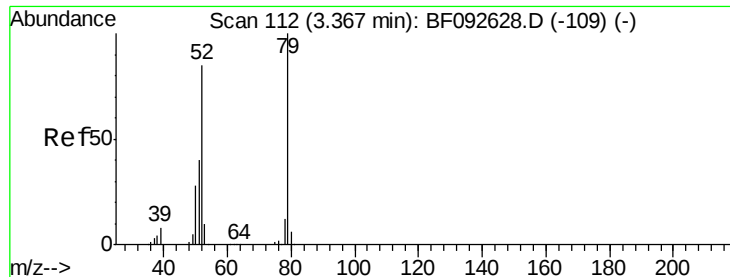


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.50 ng

RT: 3.34 min Scan# 110

Delta R.T. -0.02 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

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BNA_F

ClientSampleId :

PB96697BS

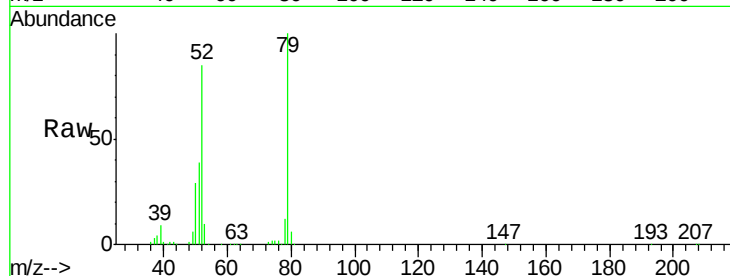
Tgt Ion: 79 Resp: 360699

Ion Ratio Lower Upper

79 100

52 84.8 57.1 85.7

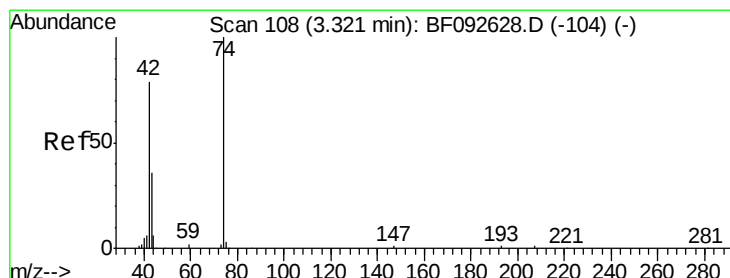
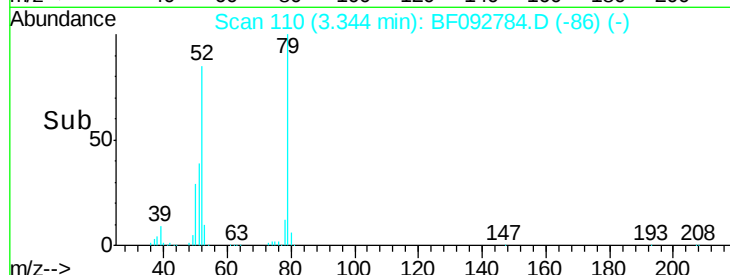
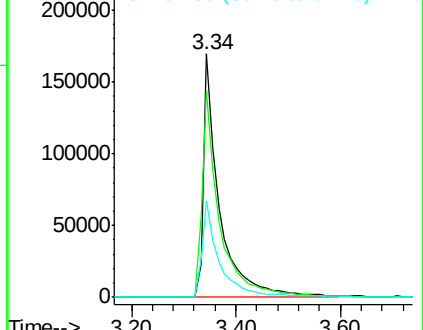
51 39.4 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.56 ng

RT: 3.30 min Scan# 106

Delta R.T. -0.02 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

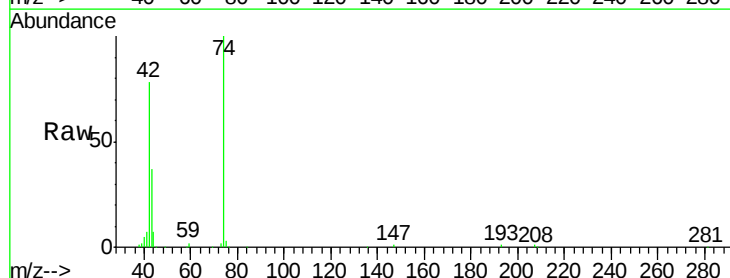
Tgt Ion: 42 Resp: 197484

Ion Ratio Lower Upper

42 100

74 128.3 117.0 175.4

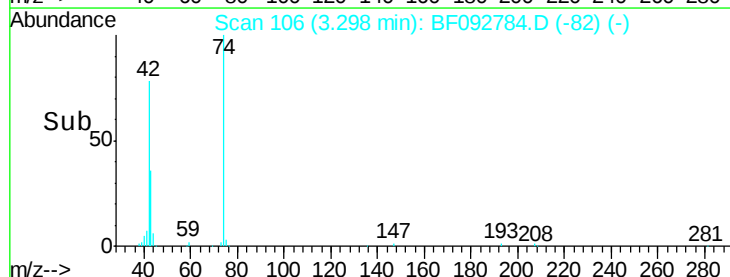
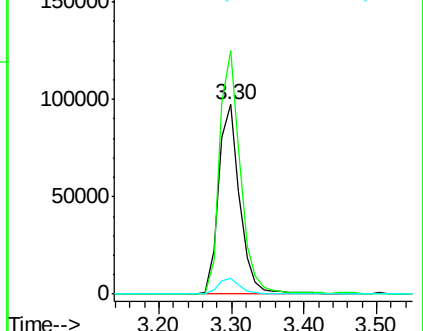
44 8.3 5.5 8.3#

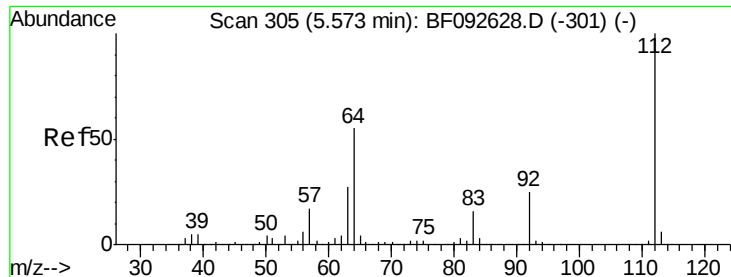


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 132.91 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092784.D

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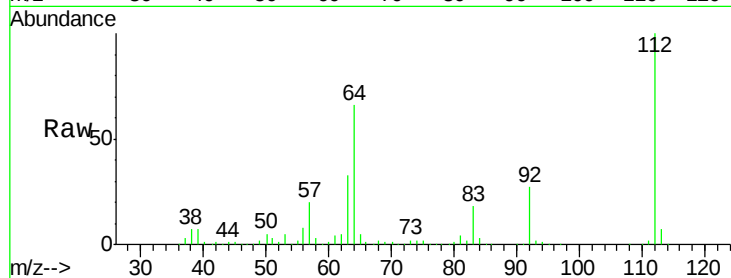
Tgt Ion: 112 Resp: 955946

Ion Ratio Lower Upper

112 100

64 65.9 46.1 69.1

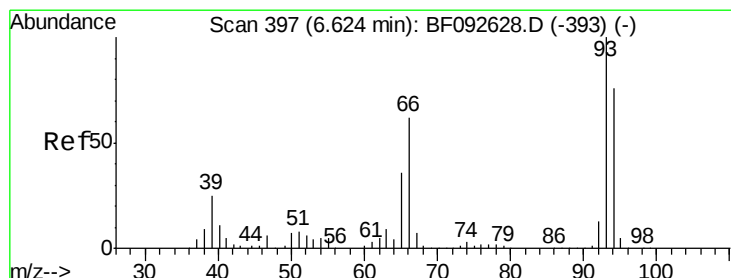
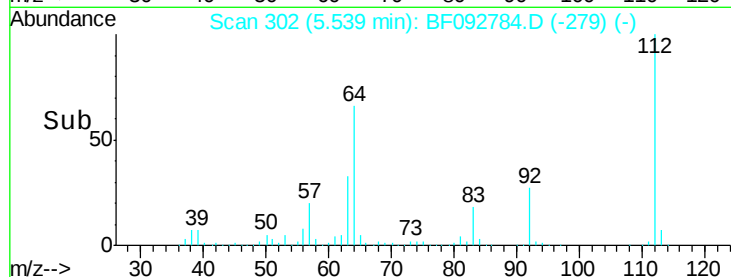
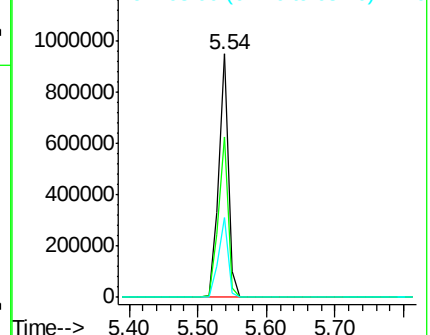
63 32.6 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.15 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

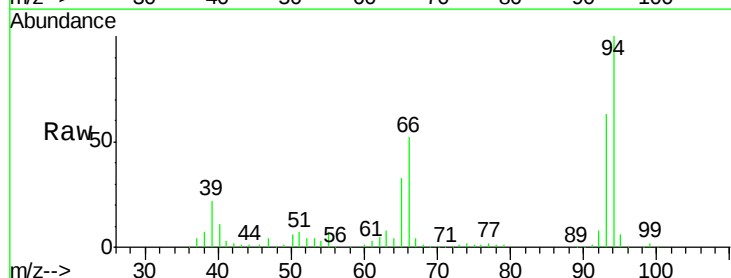
Tgt Ion: 93 Resp: 216451

Ion Ratio Lower Upper

93 100

66 82.3 76.2 114.2

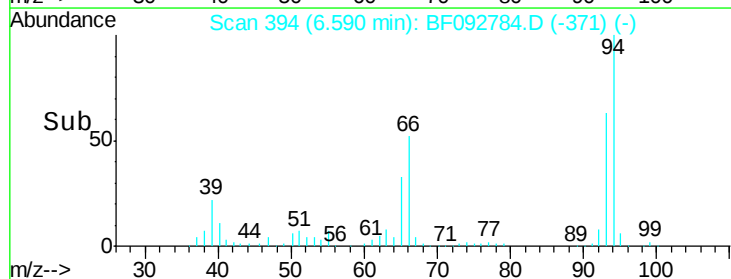
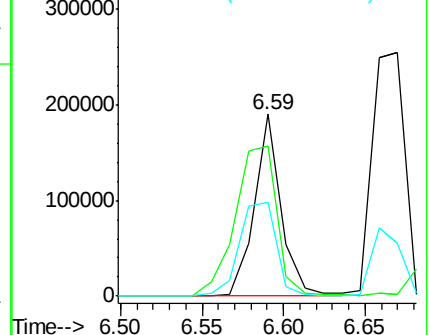
65 51.7 49.3 73.9

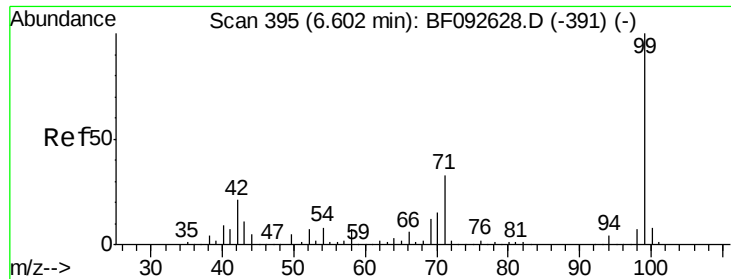


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.09 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

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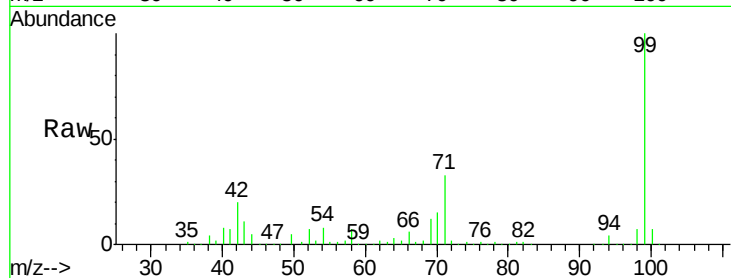
Tgt Ion: 99 Resp: 1314910

Ion Ratio Lower Upper

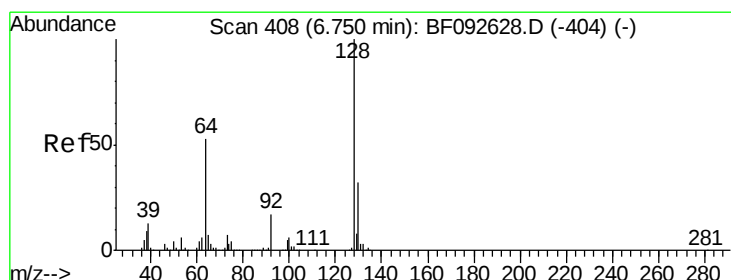
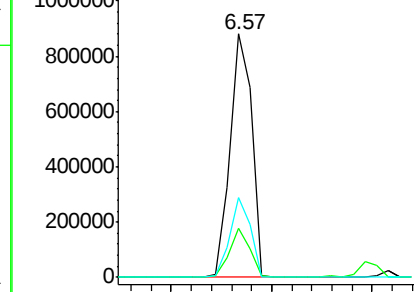
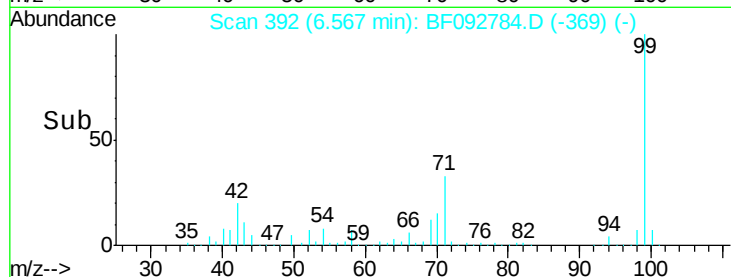
99 100

42 20.1 15.6 23.4

71 32.8 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.88 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

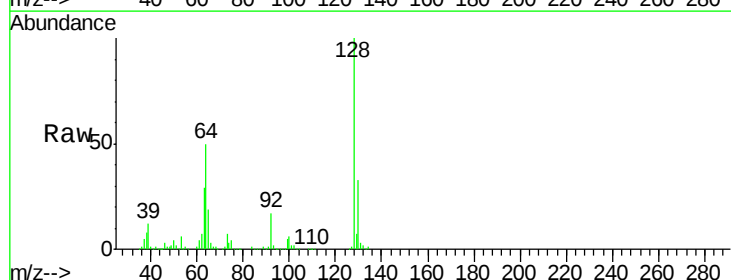
Tgt Ion: 128 Resp: 379943

Ion Ratio Lower Upper

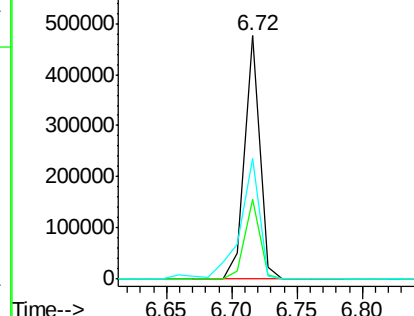
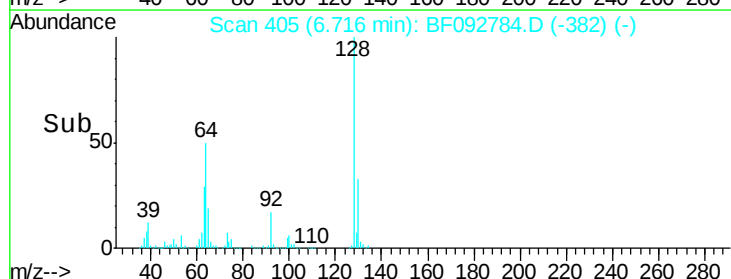
128 100

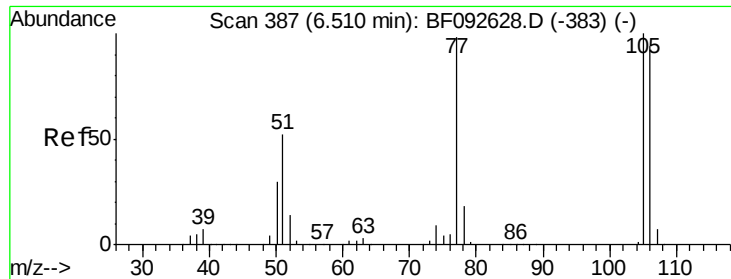
130 32.8 12.3 52.3

64 49.6 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

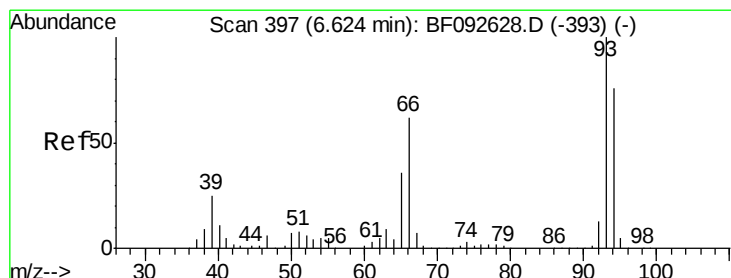
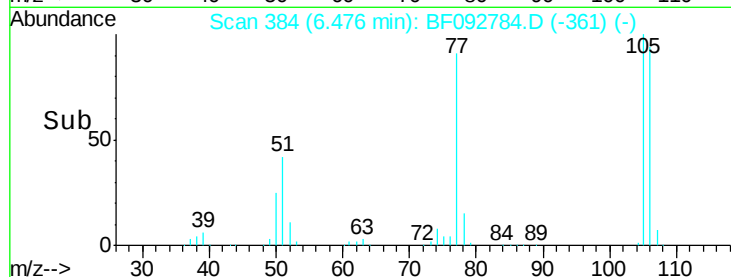
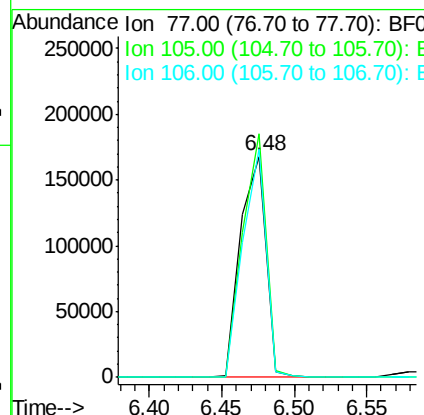
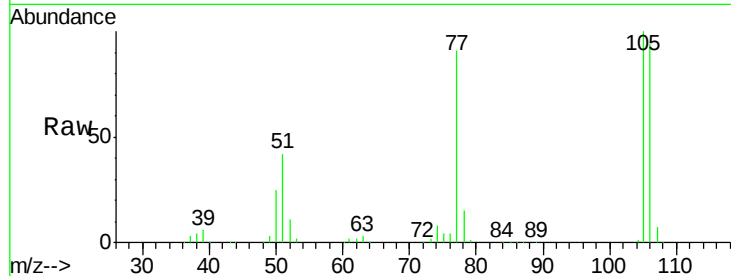




#9
Benzaldehyde
Concen: 30.94 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

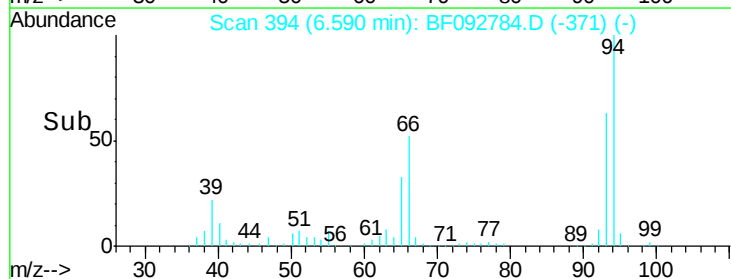
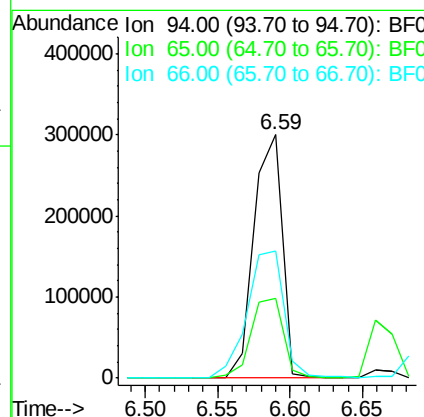
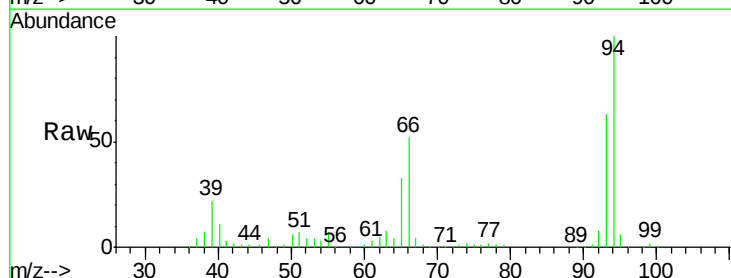
Instrument :
BNA_F
ClientSampleId :
PB96697BS

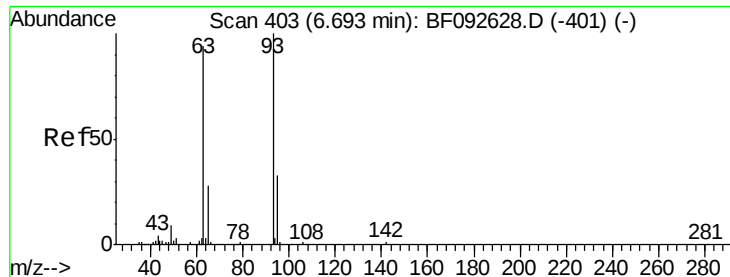
Tgt Ion: 77 Resp: 205151
Ion Ratio Lower Upper
77 100
105 110.4 83.9 123.9
106 103.6 77.6 117.6



#10
Phenol
Concen: 37.61 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion: 94 Resp: 407233
Ion Ratio Lower Upper
94 100
65 32.8 21.4 61.4
66 52.2 44.0 84.0

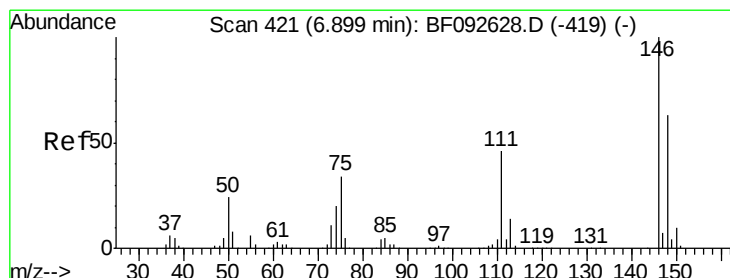
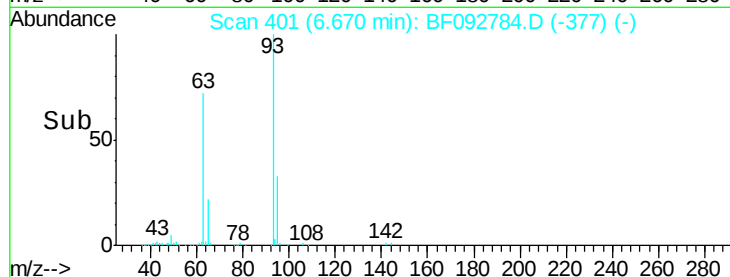
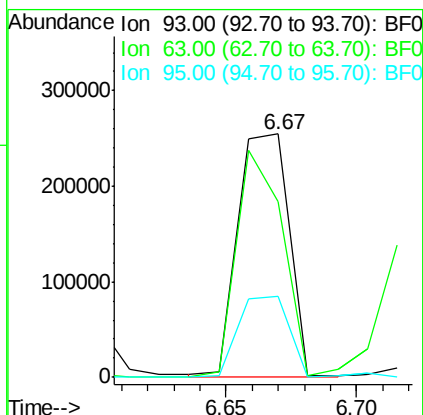
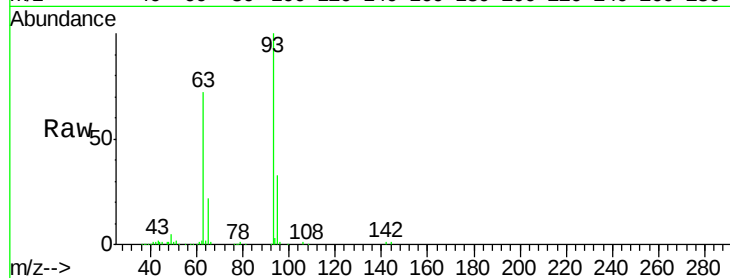




#11
bis(2-Chloroethyl)ether
Concen: 40.66 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.02 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

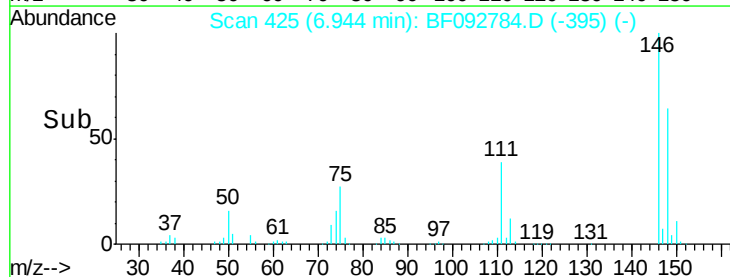
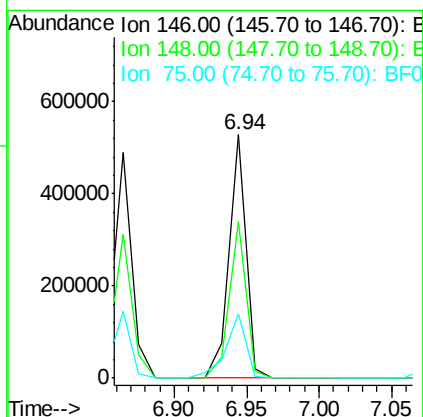
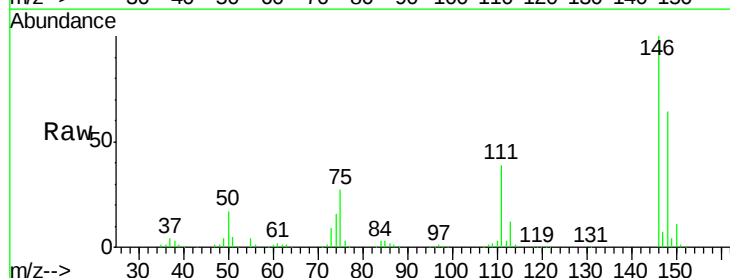
Instrument :
BNA_F
ClientSampleId :
PB96697BS

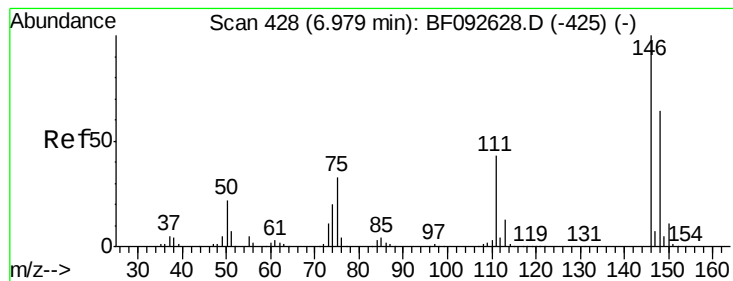
Tgt Ion: 93 Resp: 351400
Ion Ratio Lower Upper
93 100
63 72.4 60.4 100.4
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 46.20 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.05 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion: 146 Resp: 429385
Ion Ratio Lower Upper
146 100
148 64.1 53.4 80.0
75 26.7 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 45.65 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS

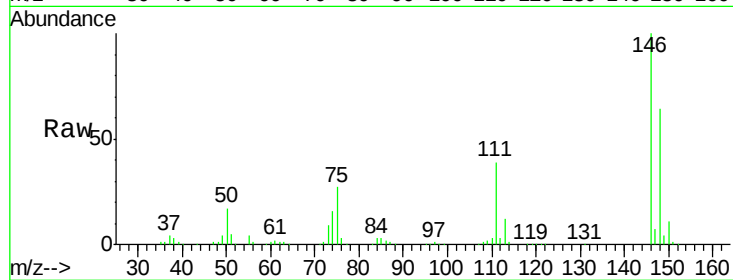
Tgt Ion:146 Resp: 429385

Ion Ratio Lower Upper

146 100

148 64.1 50.6 76.0

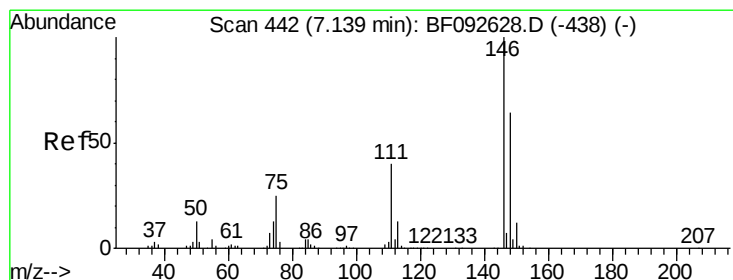
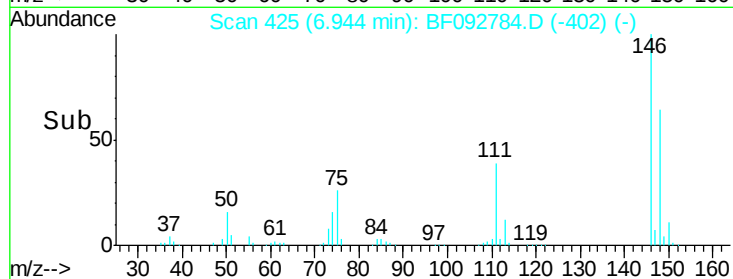
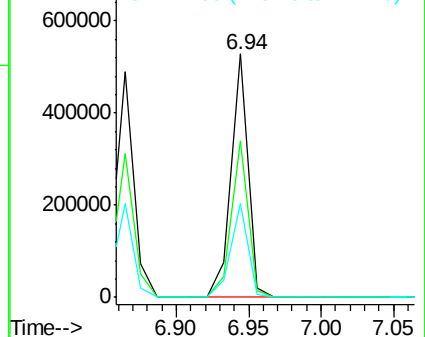
111 38.8 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.15 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.05 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

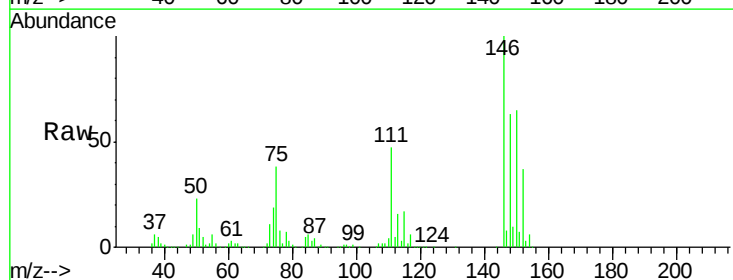
Tgt Ion:146 Resp: 379146

Ion Ratio Lower Upper

146 100

148 63.0 52.2 78.2

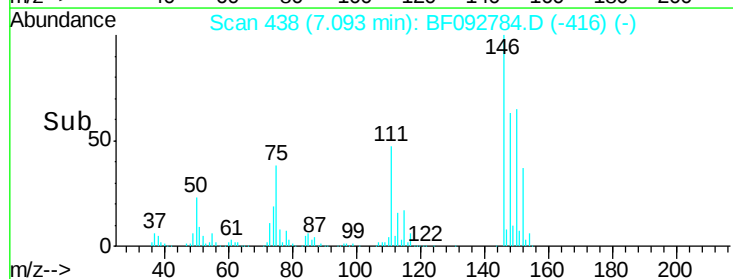
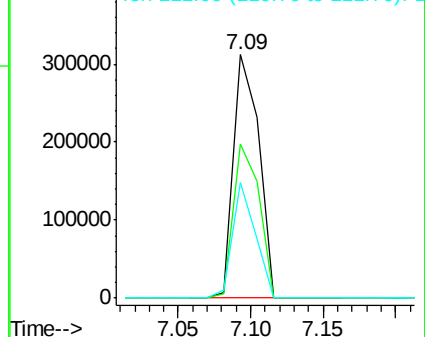
111 47.4 36.2 54.2

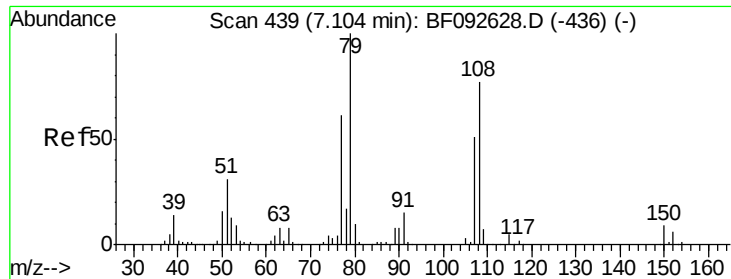


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.20 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS

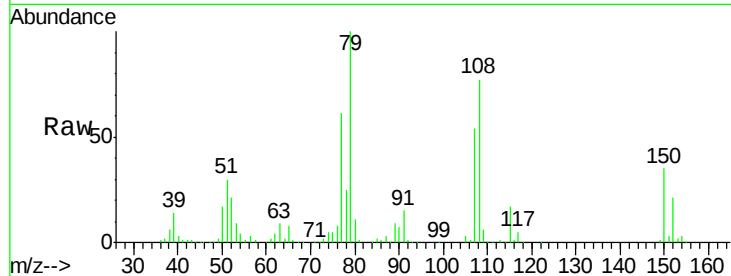
Tgt Ion: 79 Resp: 302851

Ion Ratio Lower Upper

79 100

108 77.2 61.4 92.0

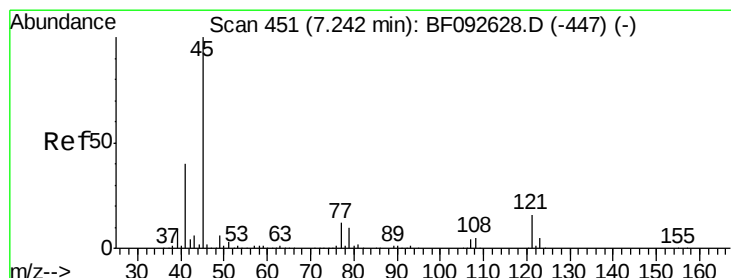
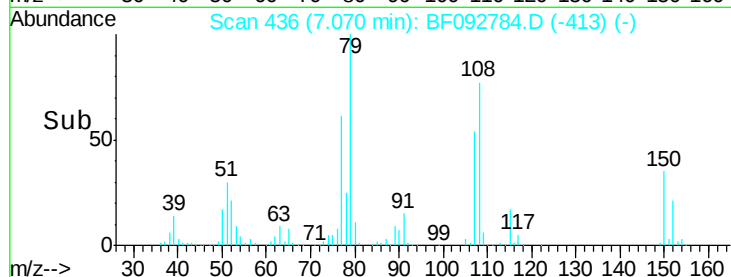
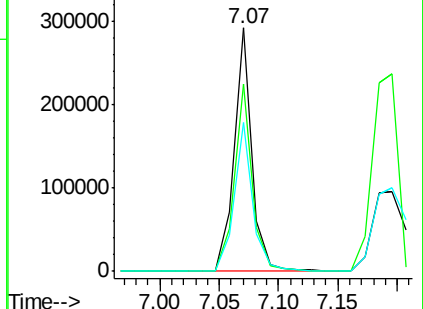
77 61.4 50.9 76.3



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: 40.73 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

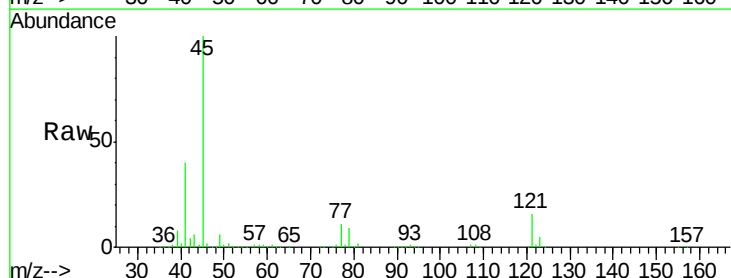
Tgt Ion: 45 Resp: 611467

Ion Ratio Lower Upper

45 100

77 11.3 0.0 34.6

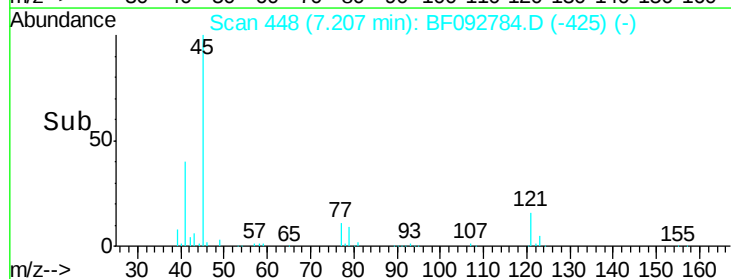
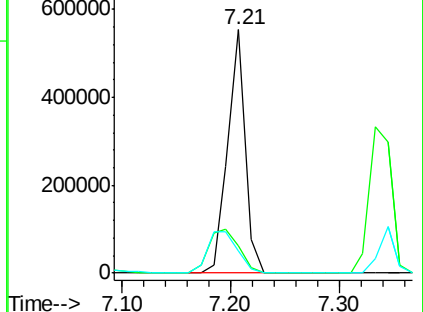
79 9.1 0.0 31.2

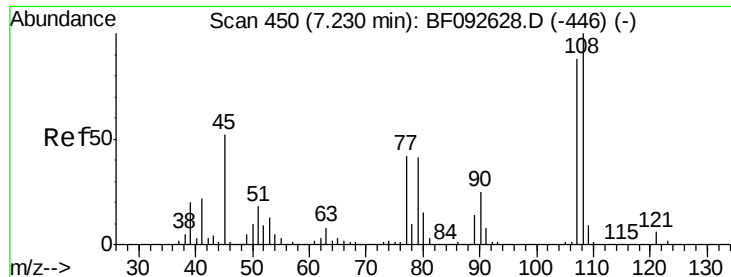


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

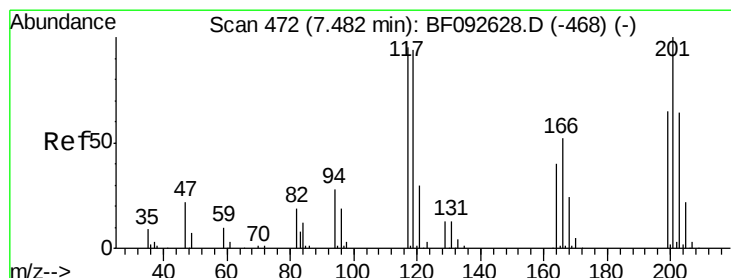
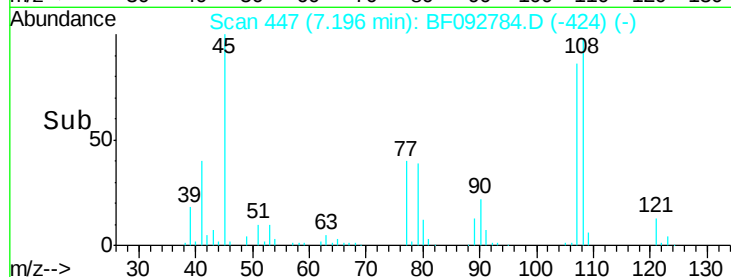
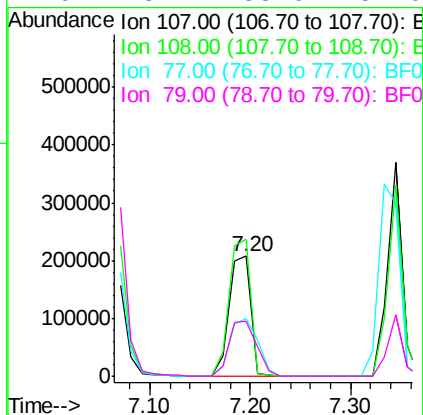
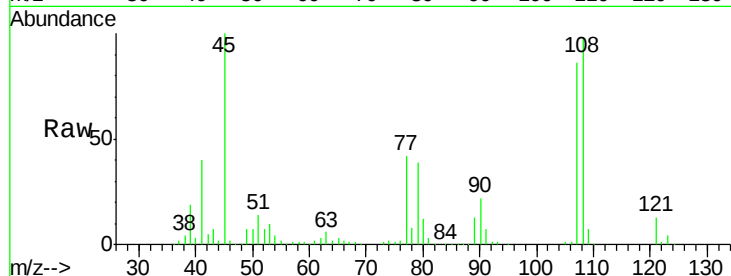




#17
2-Methylphenol
Concen: 45.60 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

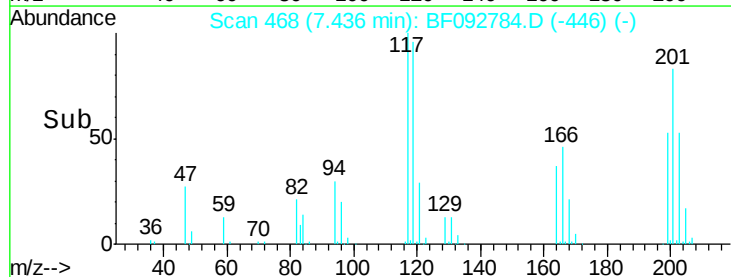
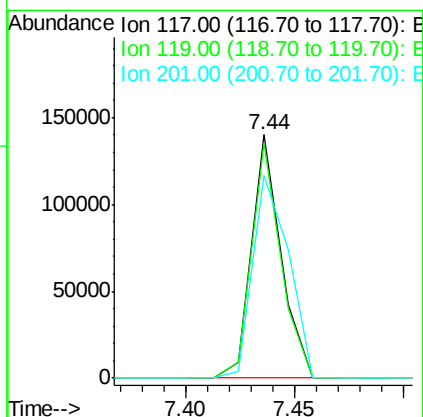
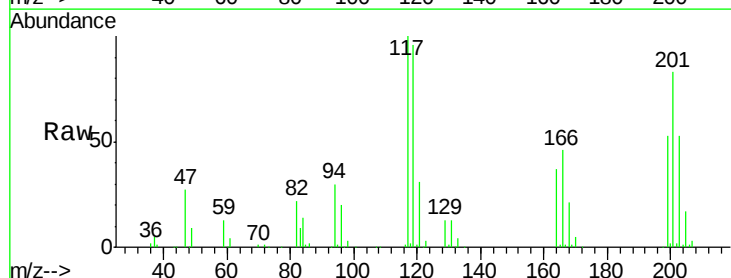
Instrument :
BNA_F
ClientSampleId :
PB96697BS

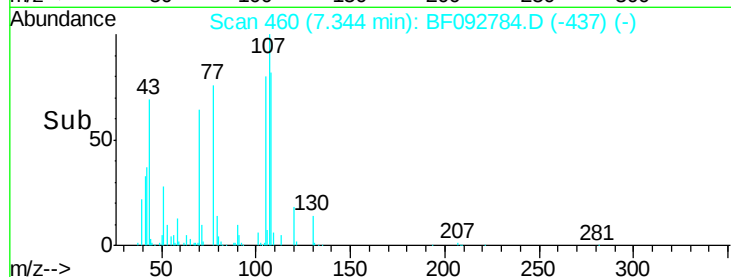
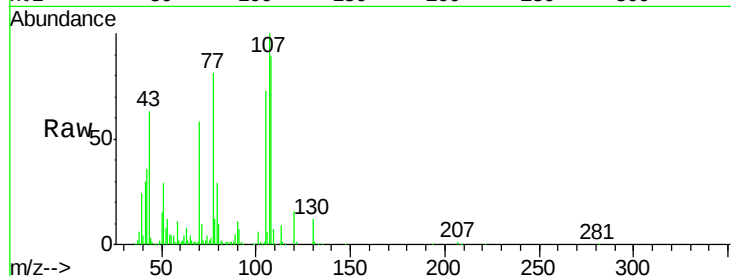
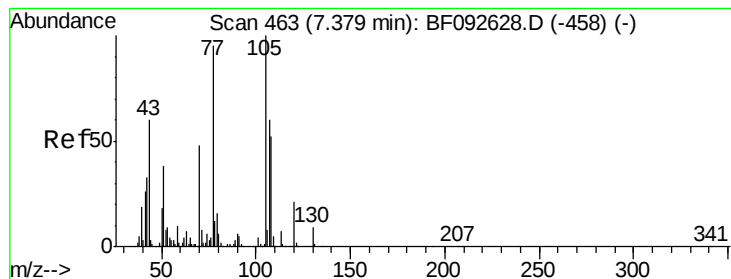
Tgt Ion:107 Resp: 310389
Ion Ratio Lower Upper
107 100
108 113.9 93.0 139.6
77 48.3 39.8 59.8
79 45.7 38.0 57.0



#18
Hexachloroethane
Concen: 40.99 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion:117 Resp: 131626
Ion Ratio Lower Upper
117 100
119 96.4 78.1 117.1
201 83.4 78.6 117.8





#19

n-Nitroso-di-n-propylamine

Concen: 45.87 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS

Tgt Ion: 70 Resp: 270207

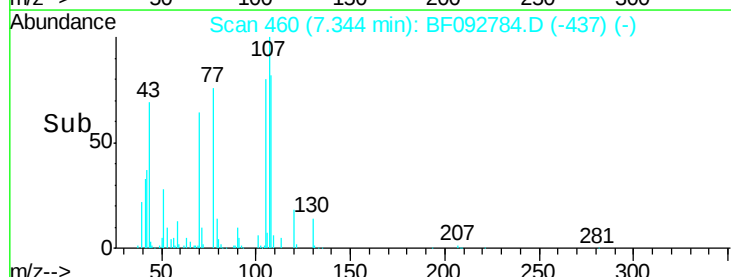
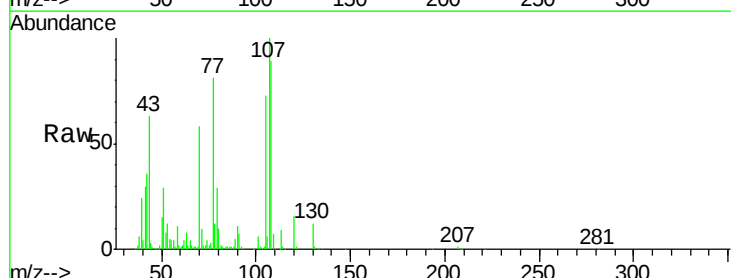
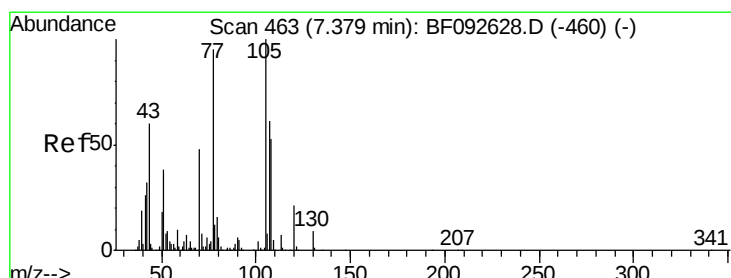
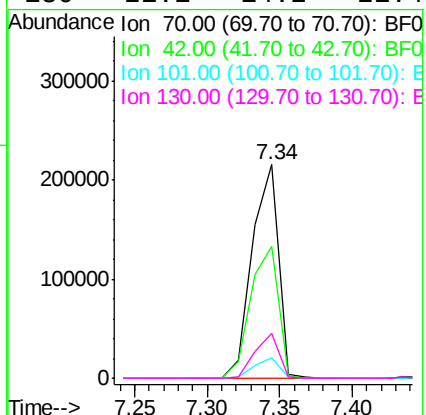
Ion Ratio Lower Upper

70 100

42 62.0 49.4 74.0

101 9.6 7.4 11.2

130 21.1 14.2 21.4



#20

3+4-Methylphenols

Concen: 46.63 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Tgt Ion: 107 Resp: 379530

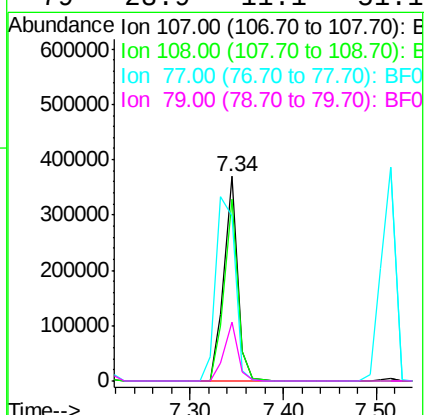
Ion Ratio Lower Upper

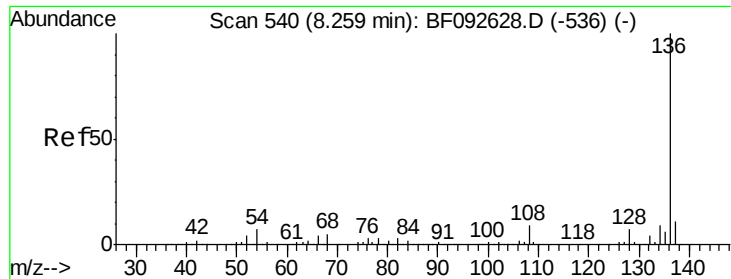
107 100

108 89.0 73.0 113.0

77 81.0 71.3 111.3

79 28.9 11.1 51.1

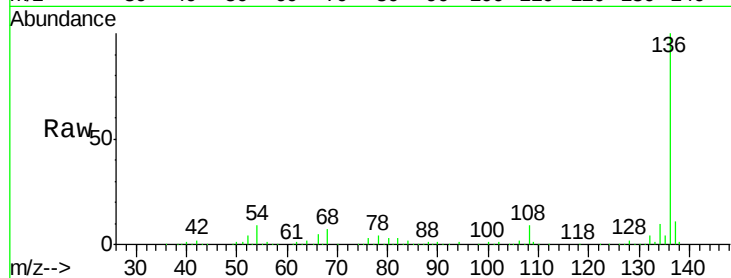




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

Tgt Ion:	136	Resp:	517373
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	9.2	4.5	6.7#
68	6.7	3.6	5.4#



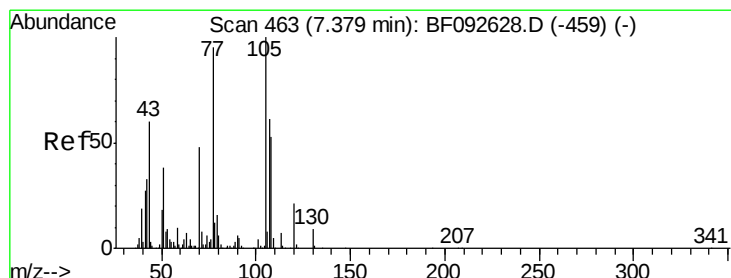
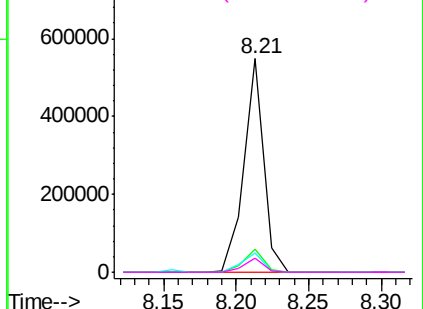
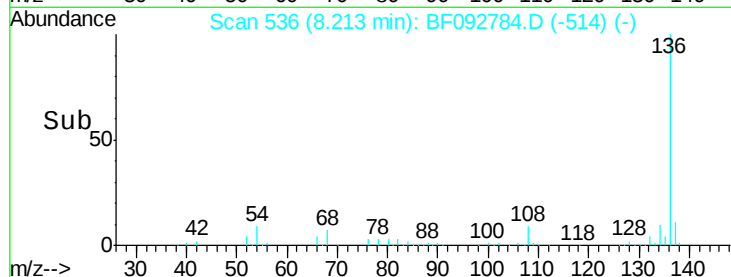
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

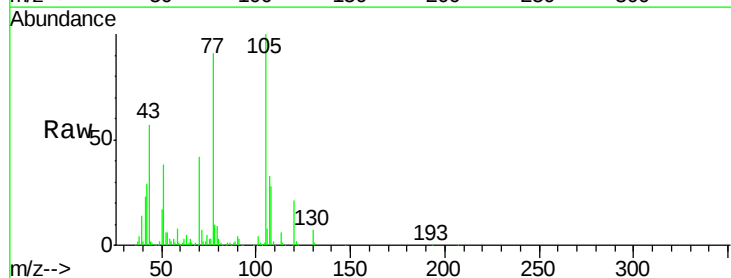
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 40.28 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion:	105	Resp:	475852
Ion	Ratio	Lower	Upper
105	100		
71	6.7	3.2	4.8#
51	38.3	26.2	39.4
120	20.9	16.6	24.8



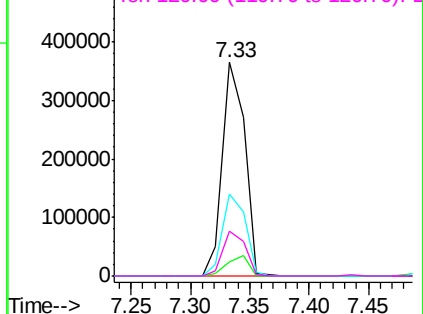
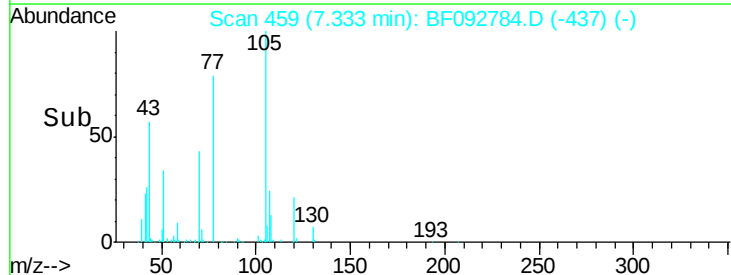
Abundance

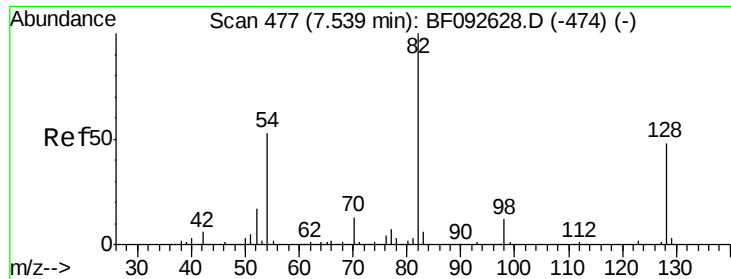
Ion 105.00 (104.70 to 105.70): E

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

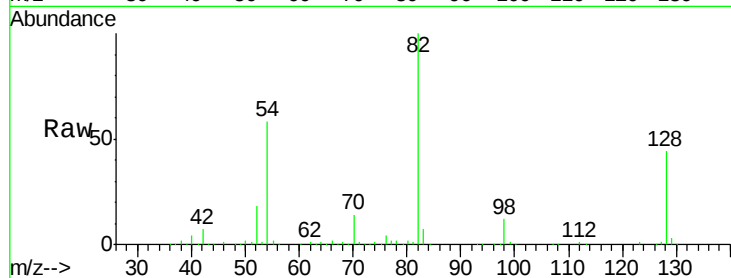




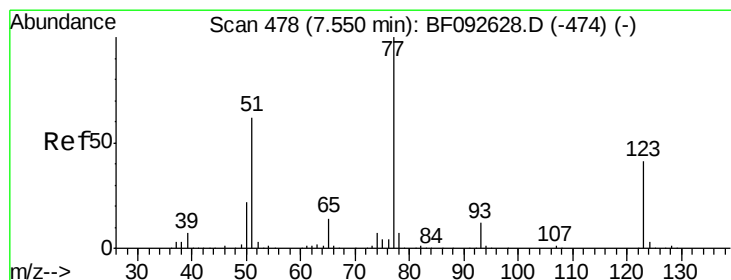
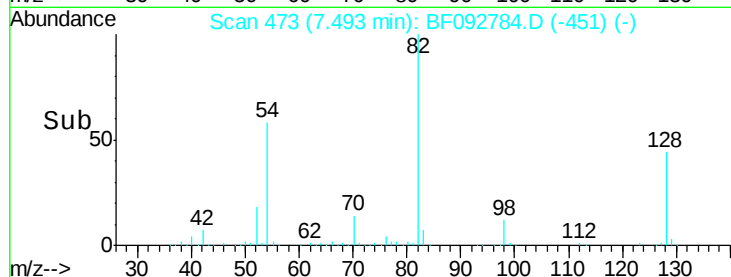
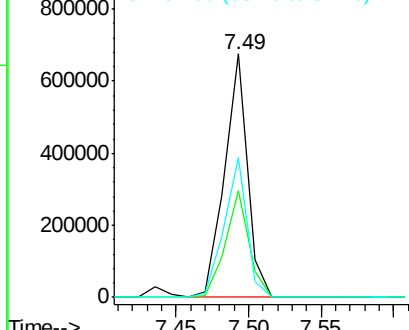
#23
 Nitrobenzene-d5
 Concen: 79.77 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.05 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

Tgt Ion: 82 Resp: 741127
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.6 52.0
 54 57.6 39.5 59.3

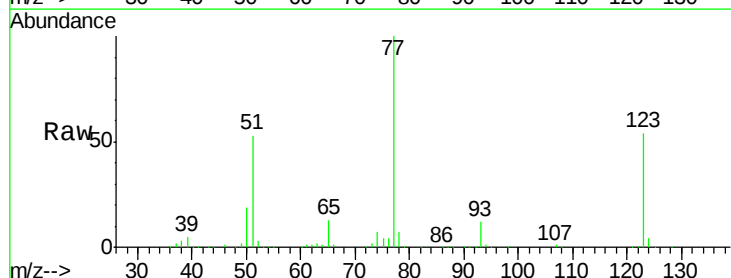


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

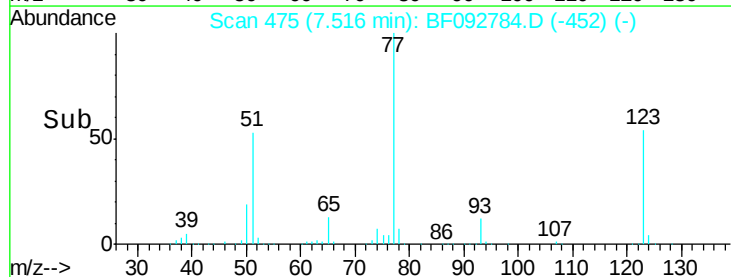
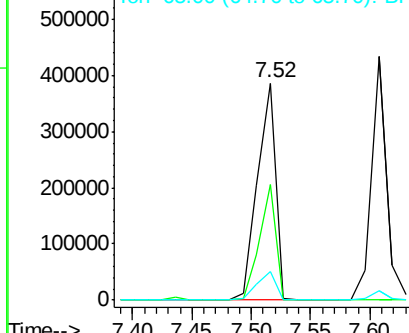


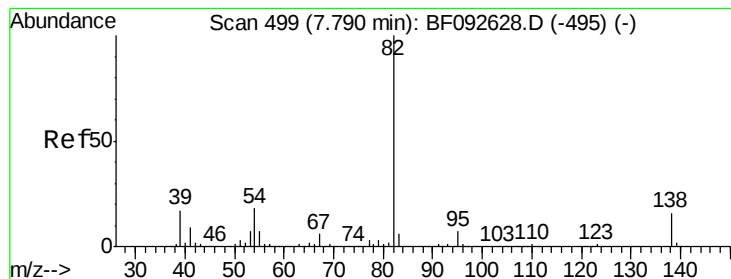
#24
 Nitrobenzene
 Concen: 43.71 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion: 77 Resp: 416973
 Ion Ratio Lower Upper
 77 100
 123 53.5 33.0 49.4#
 65 13.2 11.2 16.8



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





#25

Isophorone

Concen: 41.14 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS

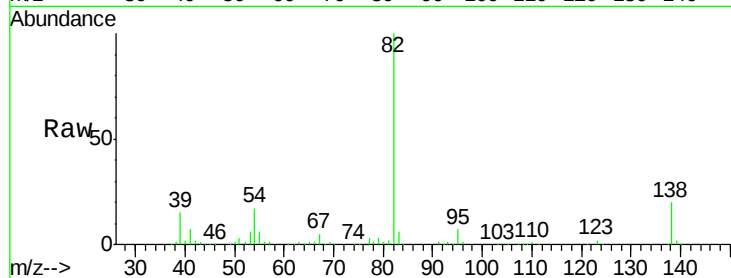
Tgt Ion: 82 Resp: 712303

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

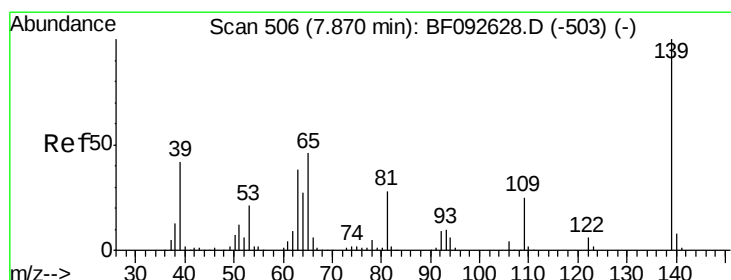
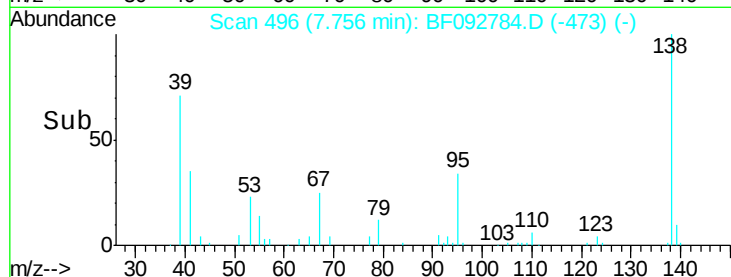
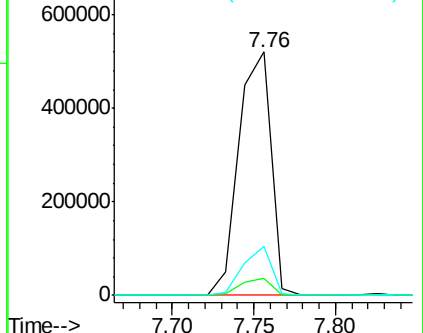
138 20.3 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.02 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.05 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

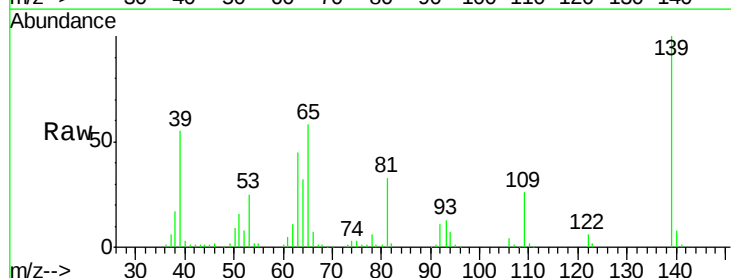
Tgt Ion: 139 Resp: 195093

Ion Ratio Lower Upper

139 100

109 25.9 23.3 34.9

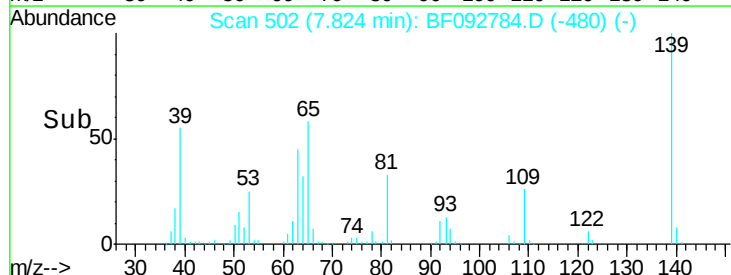
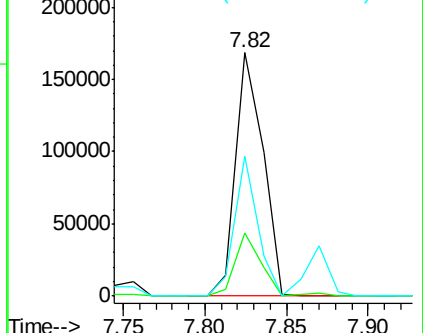
65 57.6 42.7 64.1

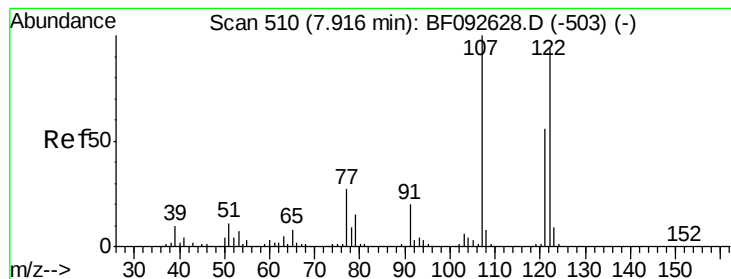


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.31 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.05 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS

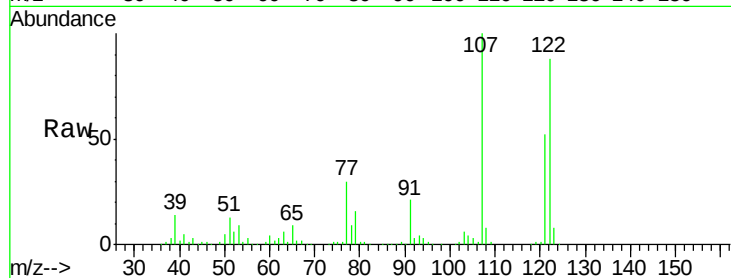
Tgt Ion:122 Resp: 344918

Ion Ratio Lower Upper

122 100

107 113.2 94.1 141.1

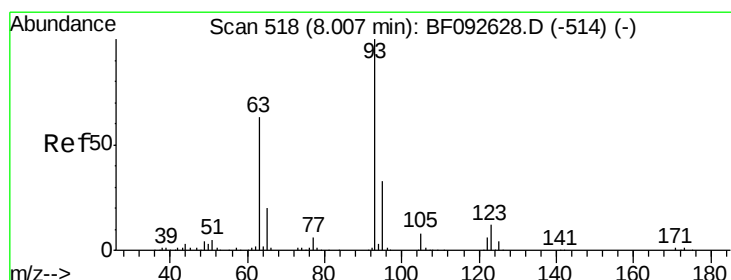
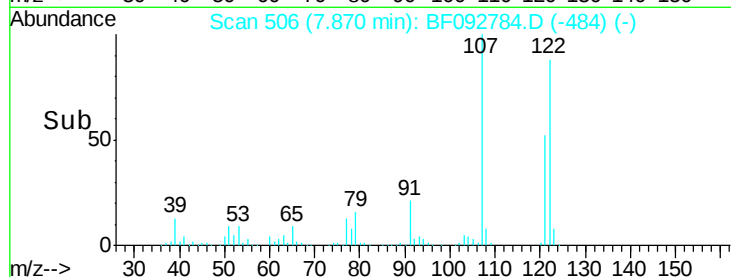
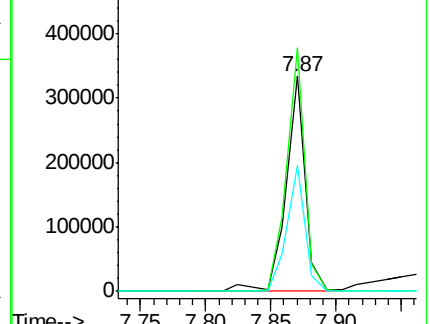
121 58.6 46.0 69.0



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: 40.03 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.05 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

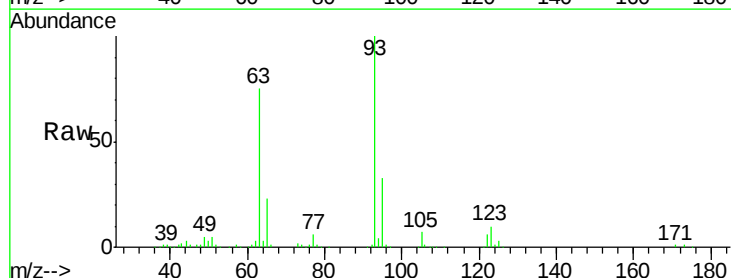
Tgt Ion: 93 Resp: 458964

Ion Ratio Lower Upper

93 100

95 33.3 26.5 39.7

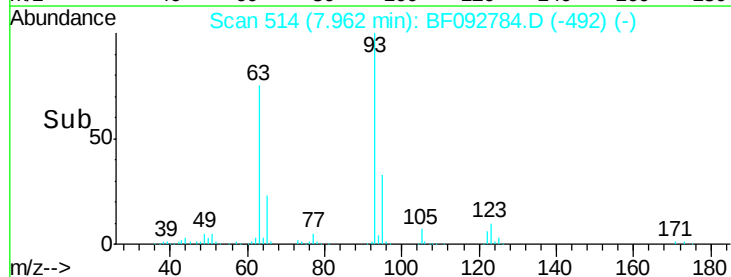
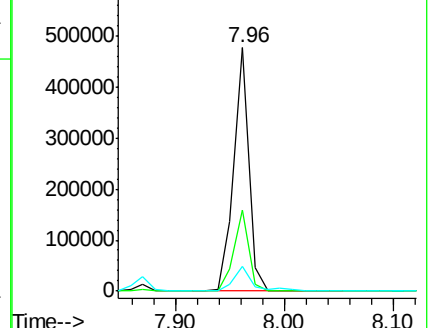
123 10.3 8.6 13.0

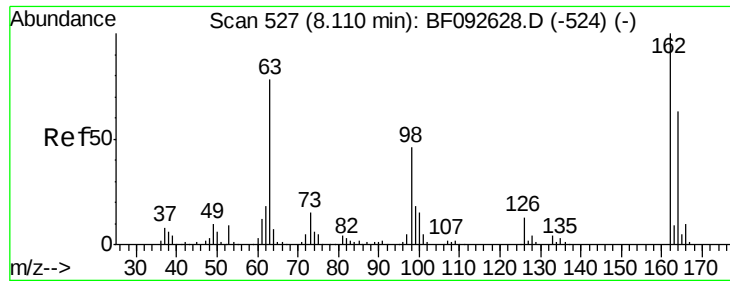


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

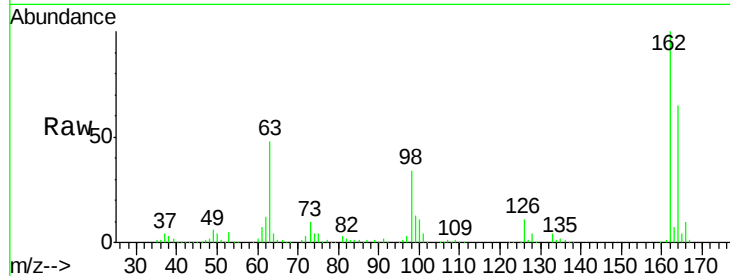




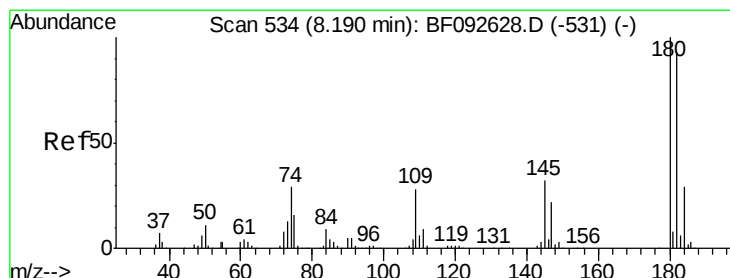
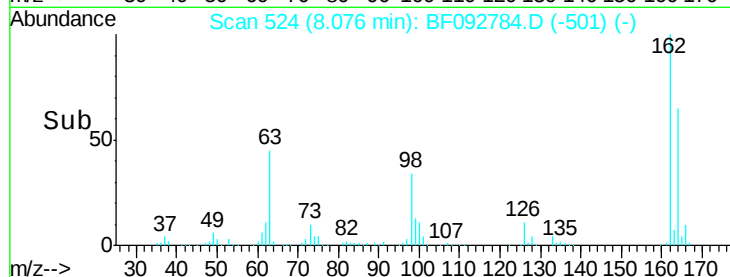
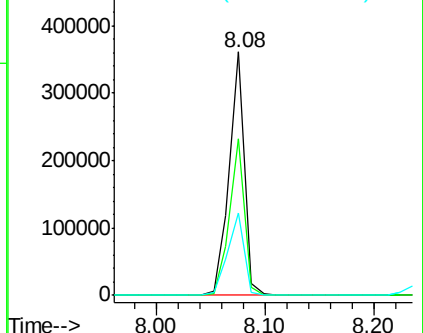
#29
 2,4-Dichlorophenol
 Concen: 46.80 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	46.8	86.8
98	33.6	9.1	49.1

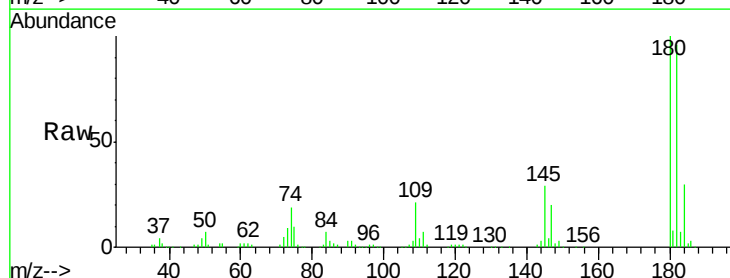


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

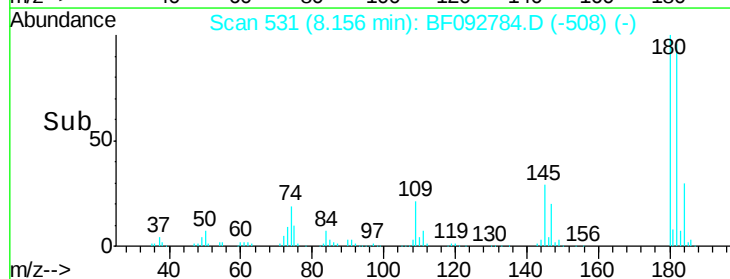
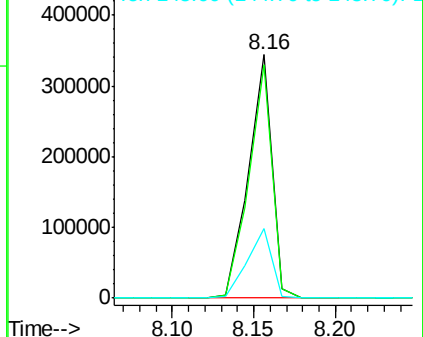


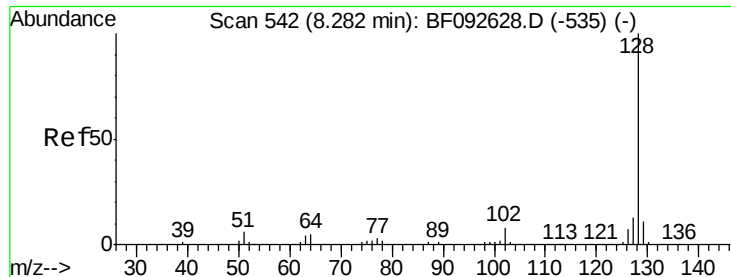
#30
 1,2,4-Trichlorobenzene
 Concen: 42.95 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.2	117.4
145	28.5	21.6	32.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

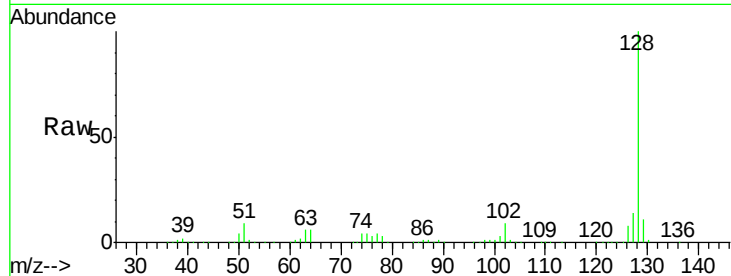




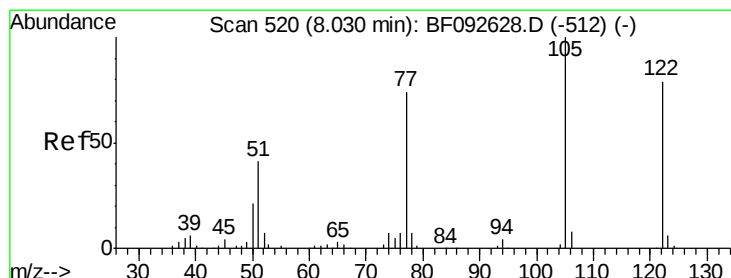
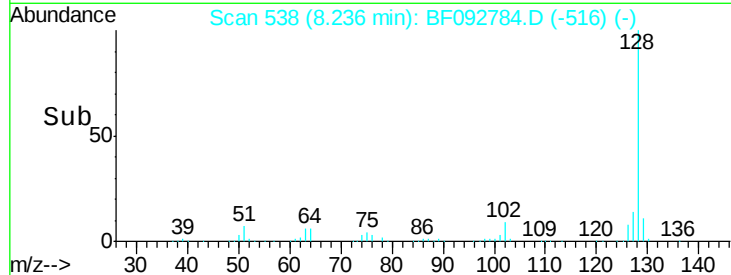
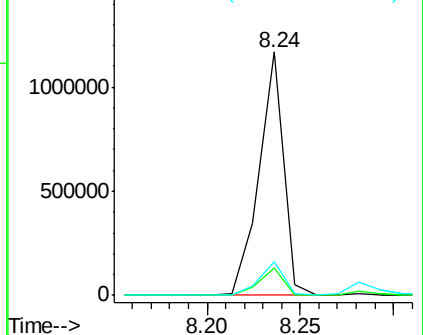
#31
Naphthalene
Concen: 41.21 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

Tgt Ion:128 Resp: 1080808
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.6 10.8 16.2

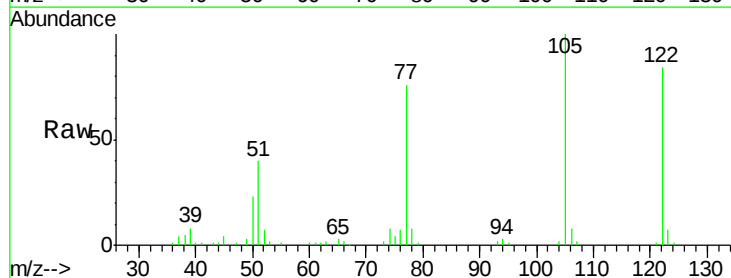


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

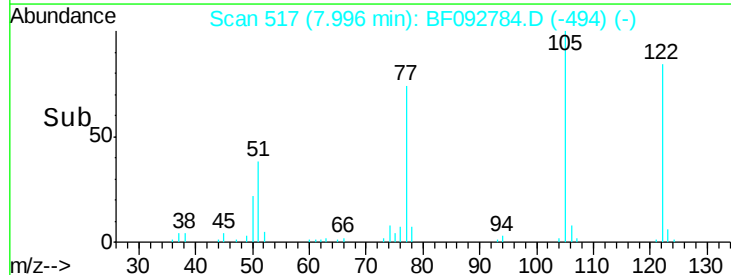
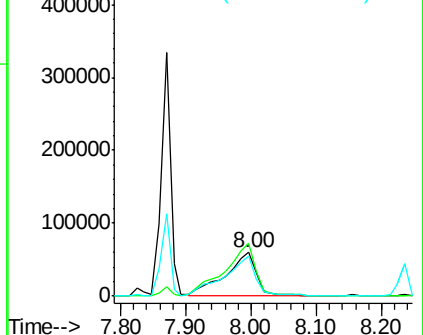


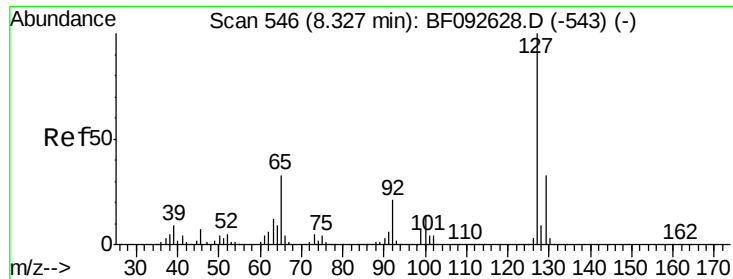
#32
Benzoic acid
Concen: 44.35 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion:122 Resp: 197226
Ion Ratio Lower Upper
122 100
105 119.5 107.2 147.2
77 90.8 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

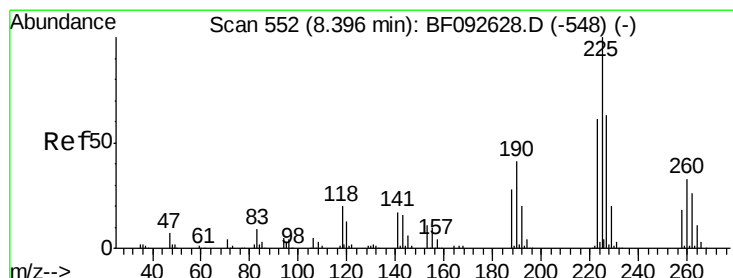
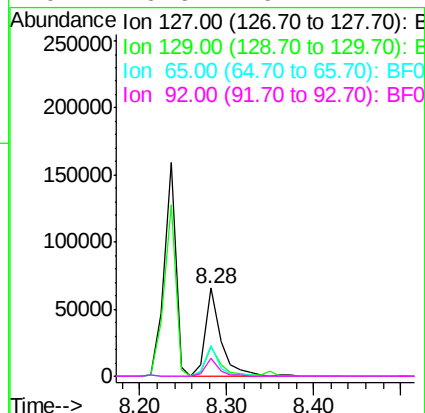
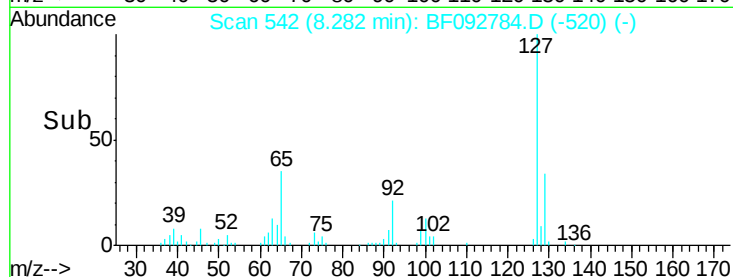
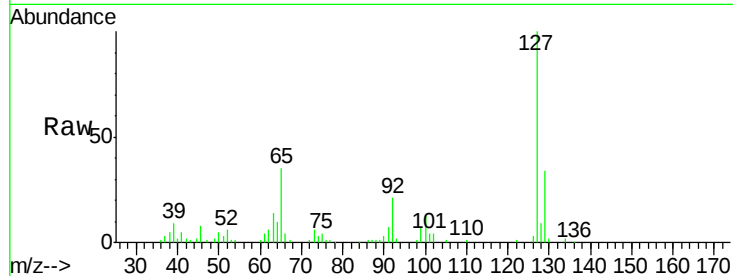




#33
4-Chloroaniline
Concen: 7.89 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

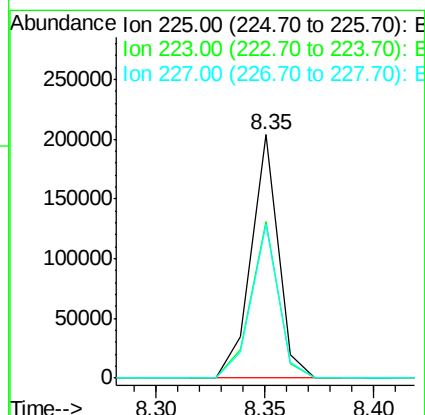
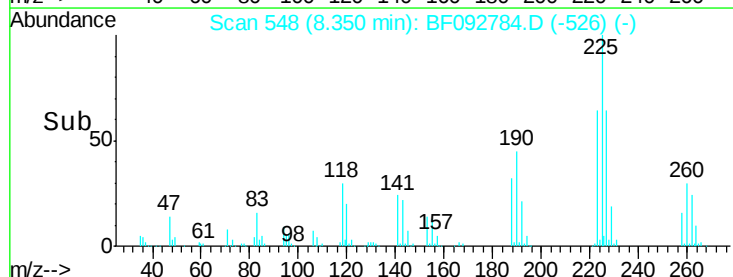
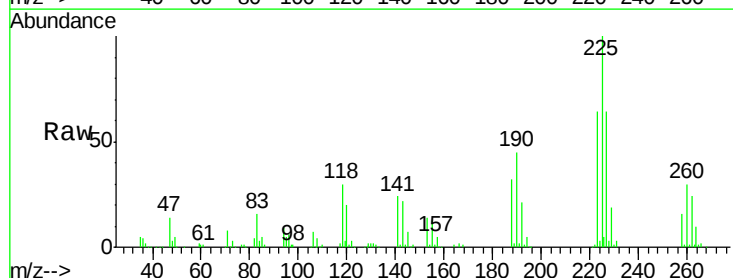
Instrument :
BNA_F
ClientSampleId :
PB96697BS

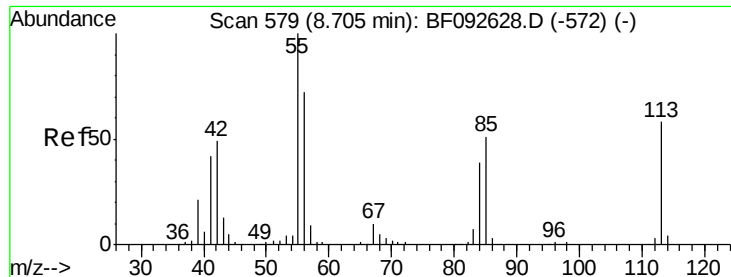
Tgt Ion:	127	Resp:	81184
Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.3	39.5
65	34.9	25.8	38.8
92	20.6	16.1	24.1



#34
Hexachlorobutadiene
Concen: 40.34 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion:	225	Resp:	177664
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.6
227	63.5	50.6	76.0





#35

Caprolactam

Concen: 29.43 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.05 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS

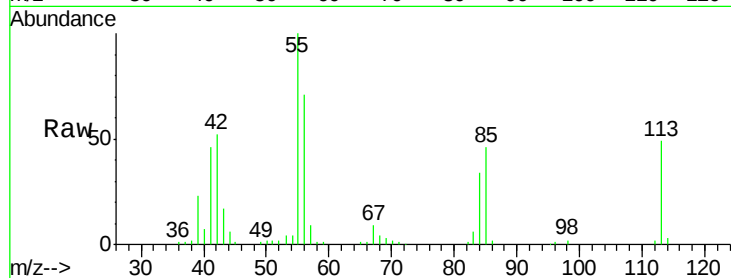
Tgt Ion:113 Resp: 68770

Ion Ratio Lower Upper

113 100

55 205.3 119.2 159.2#

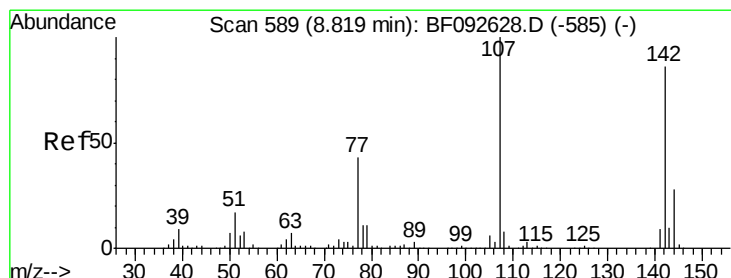
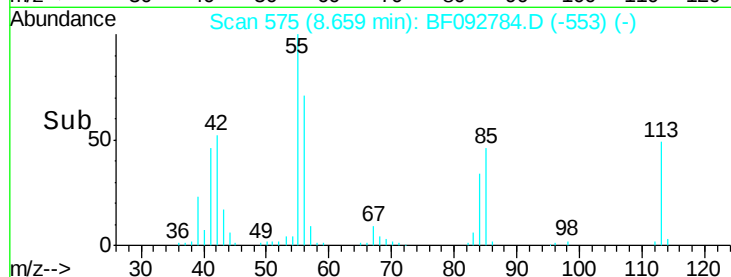
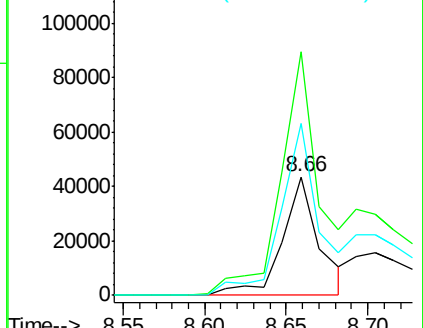
56 145.1 83.8 123.8#



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: 46.87 ng

RT: 8.78 min Scan# 586

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

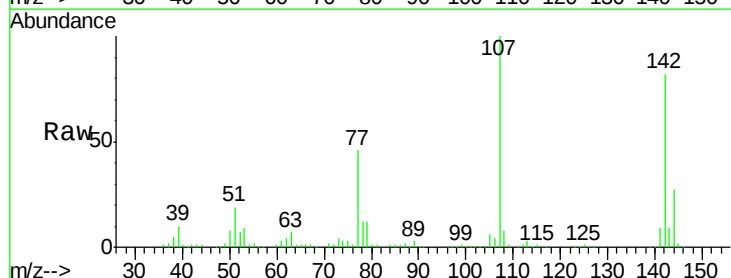
Tgt Ion:107 Resp: 362979

Ion Ratio Lower Upper

107 100

144 26.8 19.3 28.9

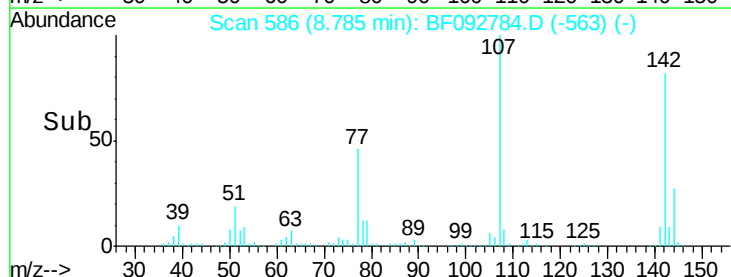
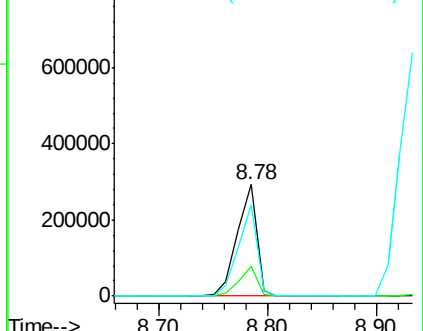
142 81.9 59.0 88.6

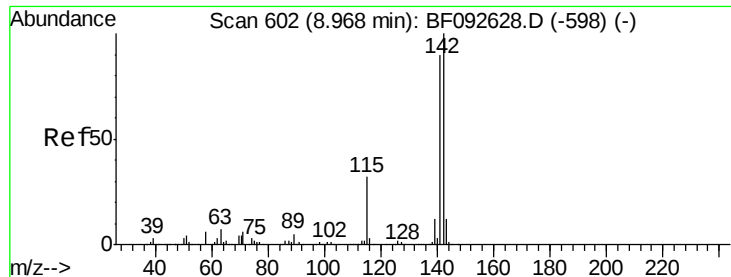


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

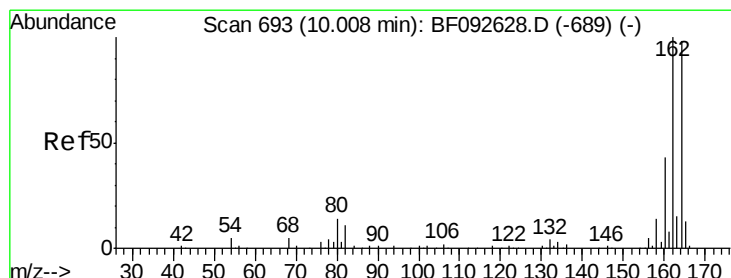
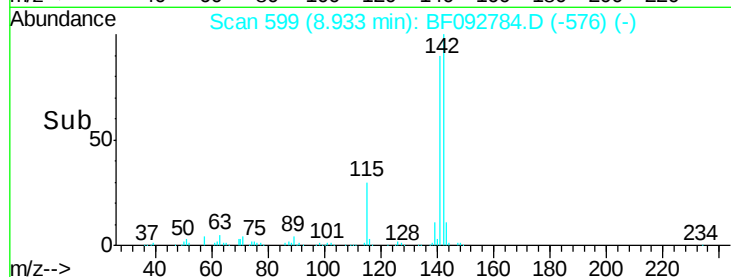
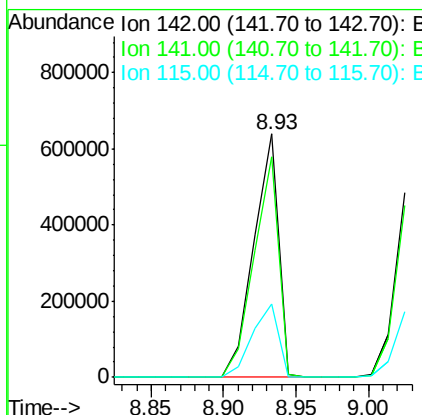
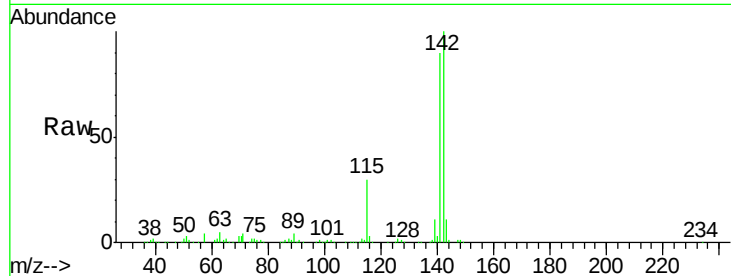




#37
2-Methylnaphthalene
Concen: 45.12 ng
RT: 8.93 min Scan# 599
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

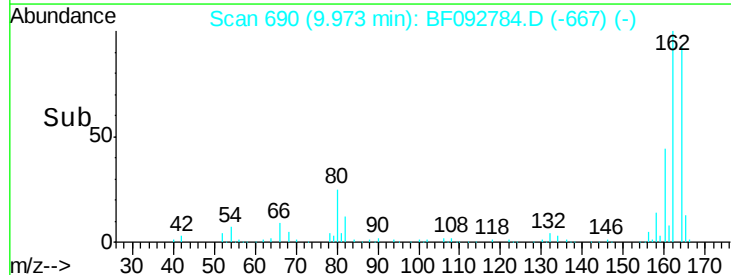
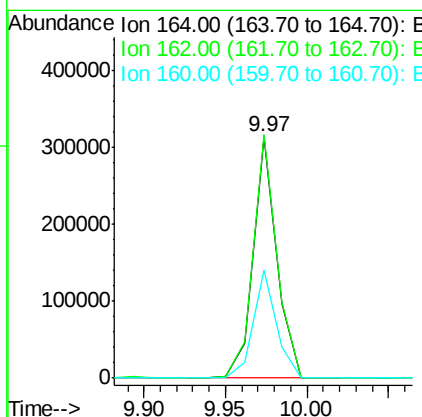
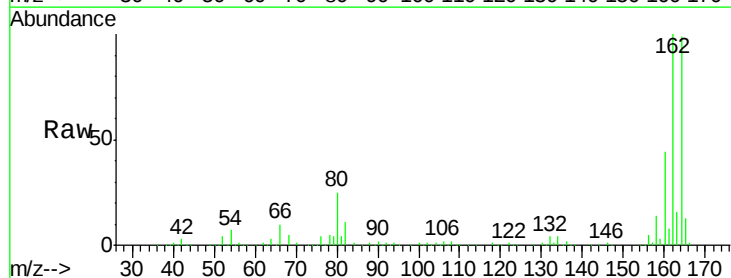
Instrument :
BNA_F
ClientSampleId :
PB96697BS

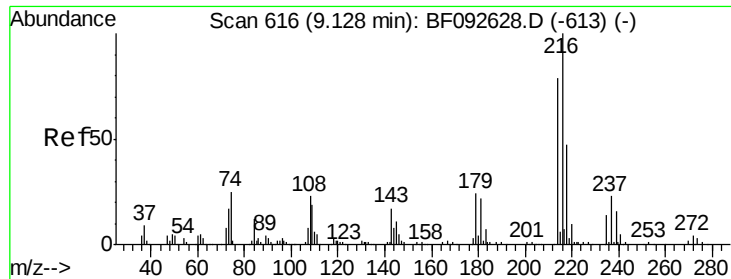
Tgt Ion:142 Resp: 759829
Ion Ratio Lower Upper
142 100
141 90.4 71.0 106.6
115 29.9 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion:164 Resp: 314658
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 44.5 36.9 55.3

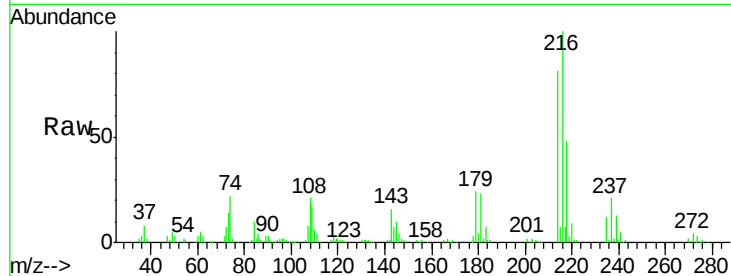




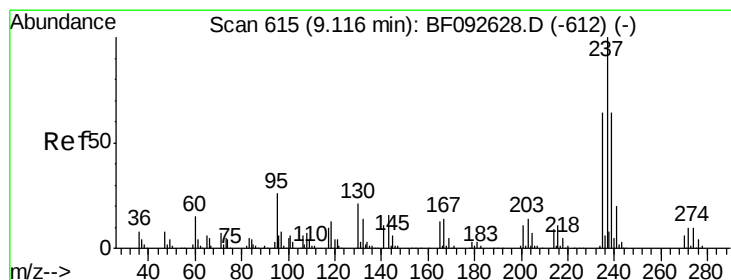
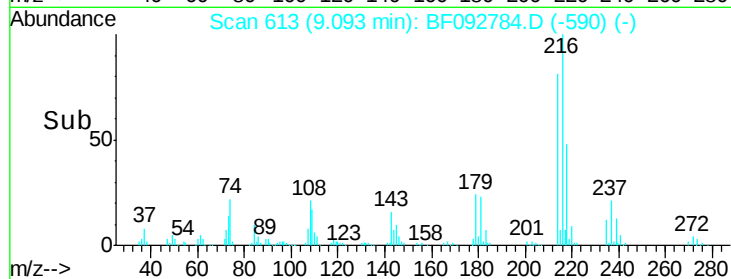
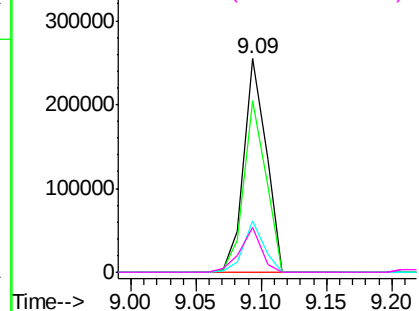
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.38 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

Tgt Ion:	216	Resp:	303657
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.0
179	21.7	17.4	26.2
108	19.7	15.6	23.4

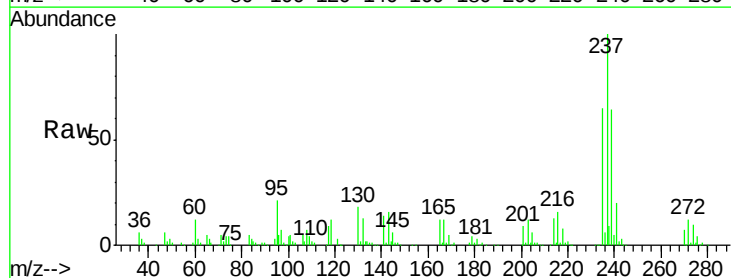


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

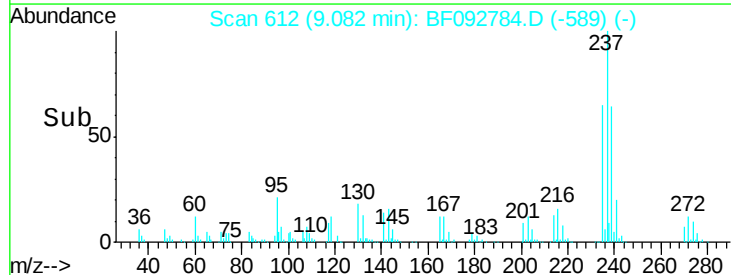
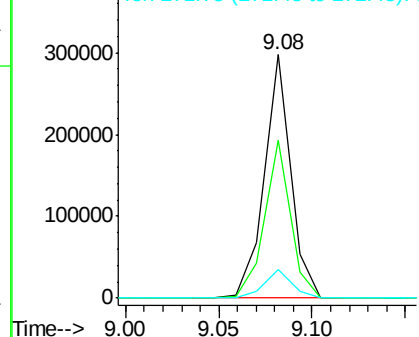


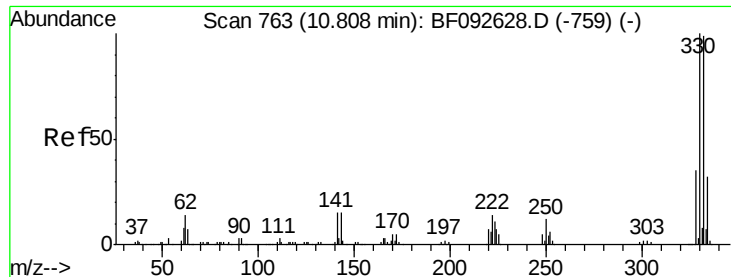
#40
 Hexachlorocyclopentadiene
 Concen: 72.83 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion:	237	Resp:	290244
Ion	Ratio	Lower	Upper
237	100		
235	65.1	41.2	81.2
272	12.0	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

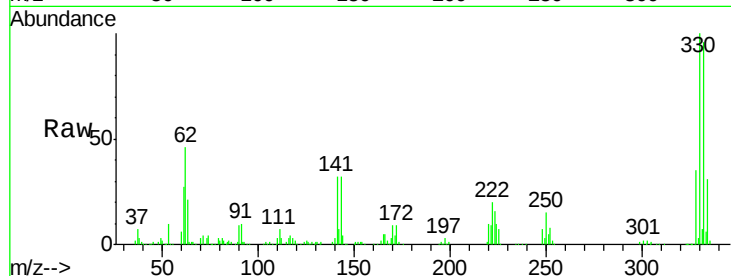




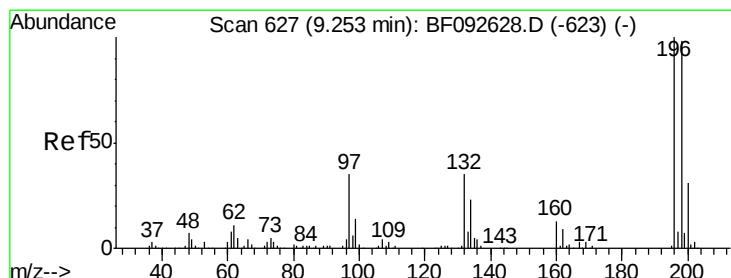
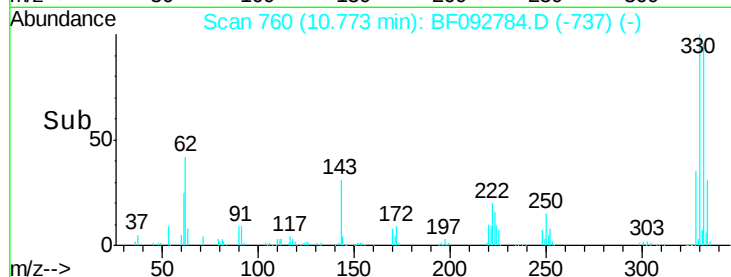
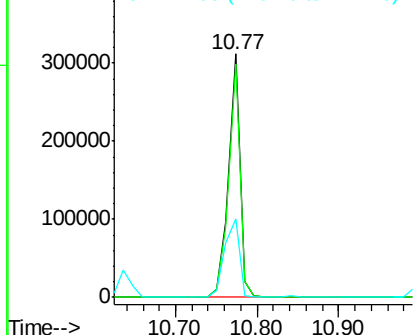
#41
 2,4,6-Tribromophenol
 Concen: 134.04 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

Tgt Ion:330 Resp: 305058
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 41.4 34.1 51.1

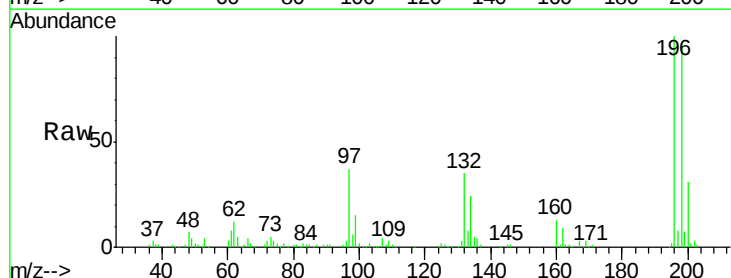


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

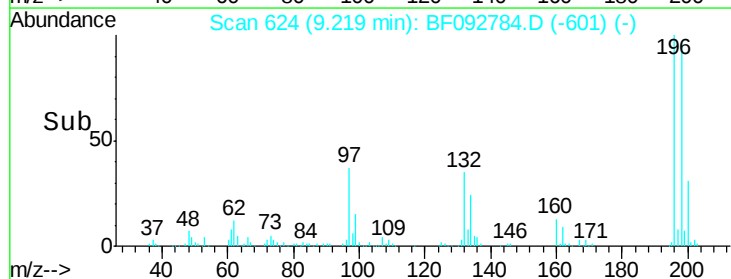
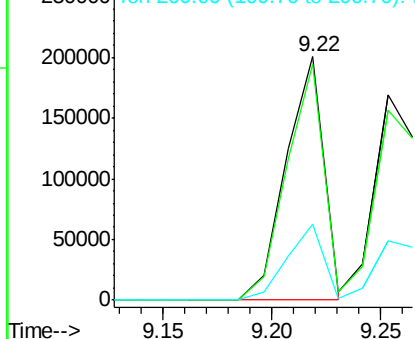


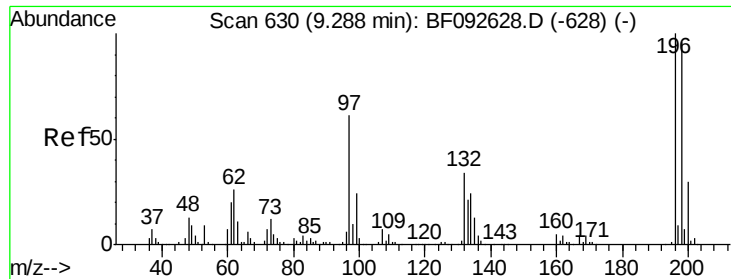
#42
 2,4,6-Trichlorophenol
 Concen: 41.71 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion:196 Resp: 242073
 Ion Ratio Lower Upper
 196 100
 198 97.1 82.1 123.1
 200 31.0 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

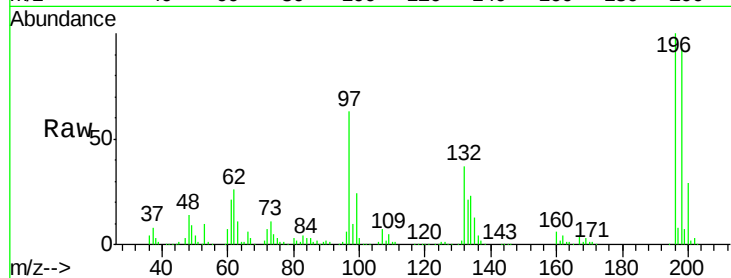




#43
 2,4,5-Trichlorophenol
 Concen: 36.71 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

Tgt Ion	Resp	Lower	Upper
196	233439		
196	100		
198	92.5	79.4	119.2
97	63.1	51.5	77.3
132	36.6	27.4	41.2



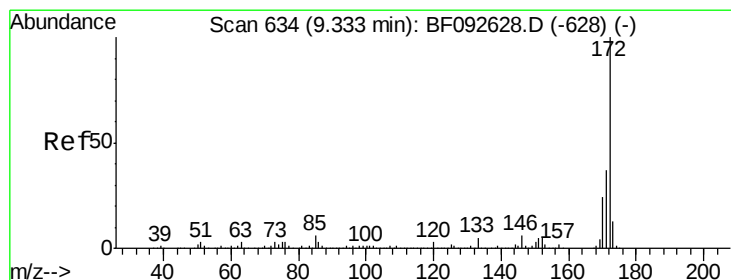
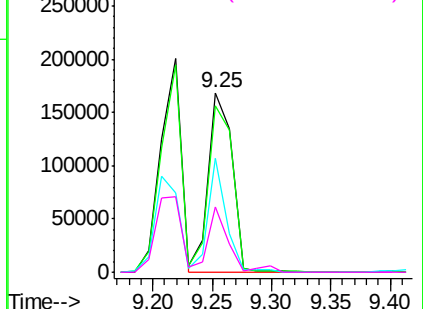
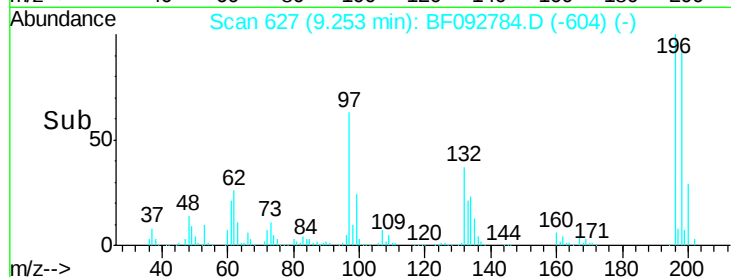
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

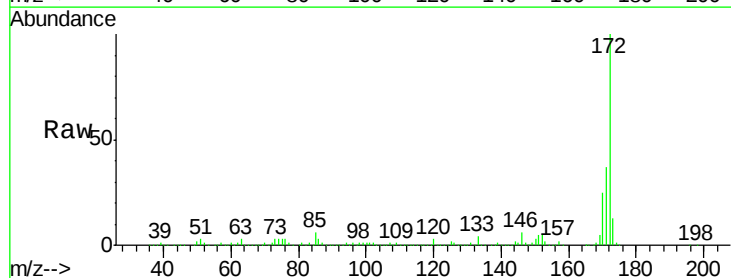
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.88 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion	Resp	Lower	Upper
172	1526314		
172	100		
171	36.5	29.4	44.0
170	24.6	20.2	30.4

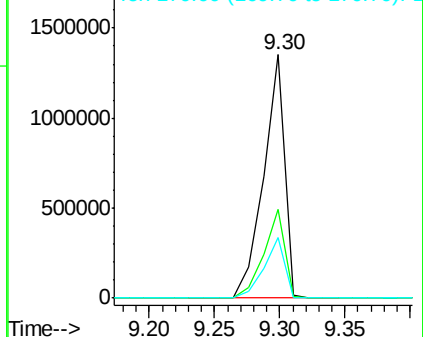
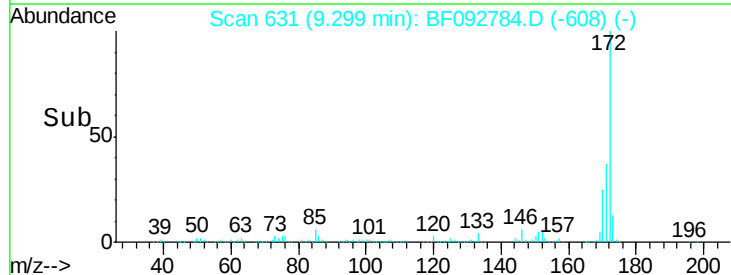


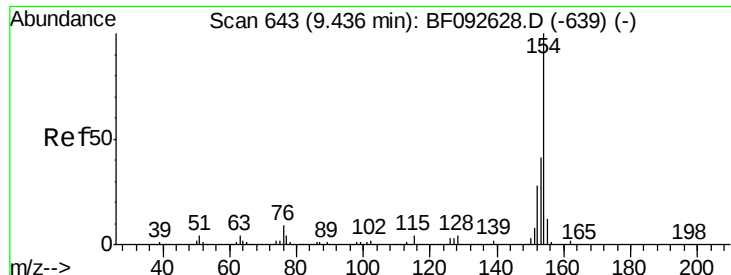
Abundance

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

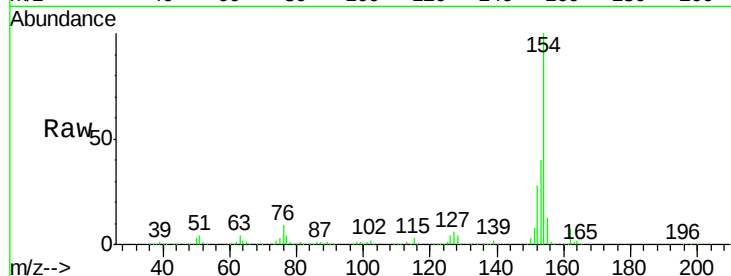




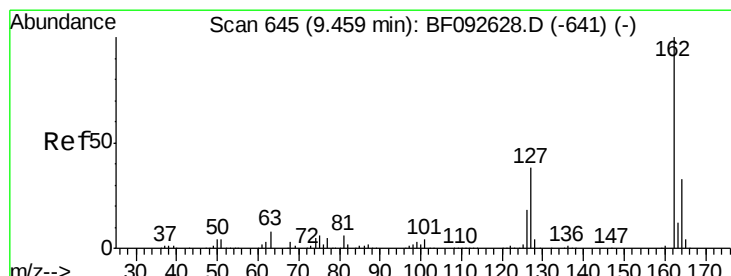
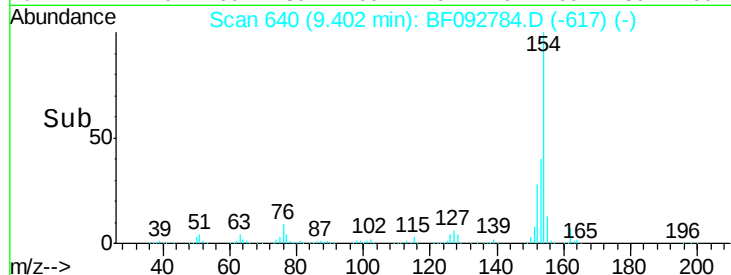
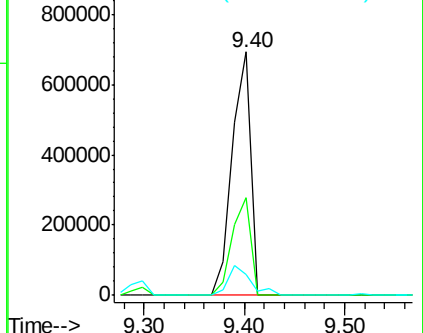
#45
 1,1'-Biphenyl
 Concen: 38.77 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

Tgt Ion:154 Resp: 883442
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.9 60.9
 76 8.6 0.0 30.5

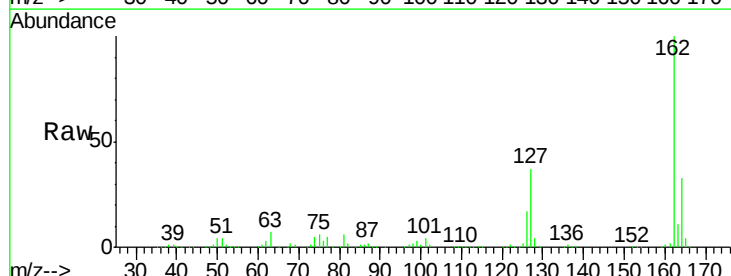


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

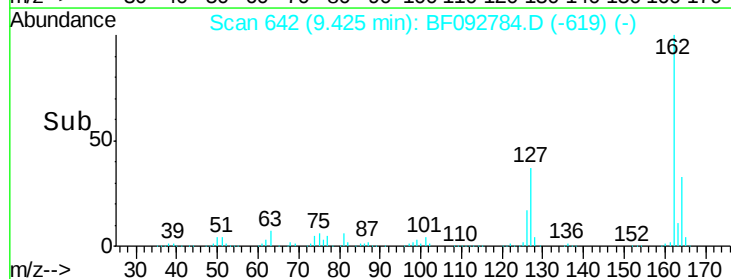
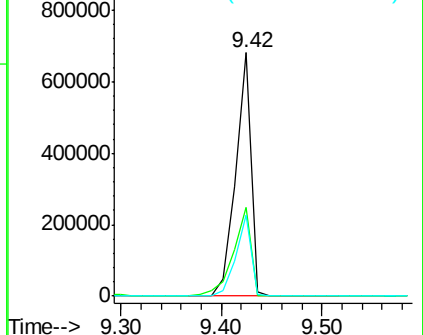


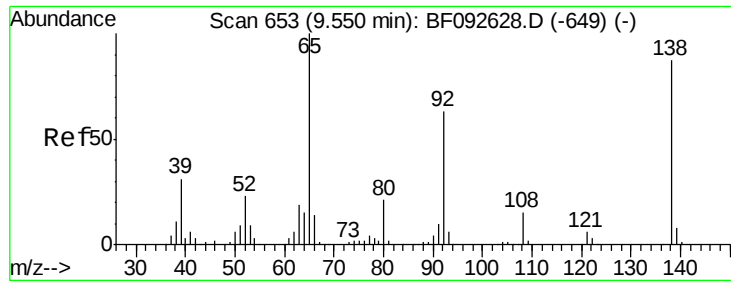
#46
 2-Chloronaphthalene
 Concen: 40.51 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion:162 Resp: 722044
 Ion Ratio Lower Upper
 162 100
 127 36.6 30.7 46.1
 164 33.1 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

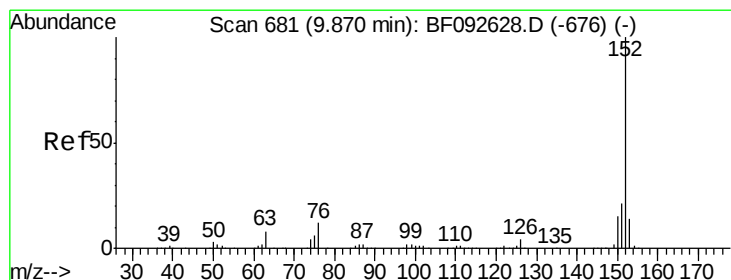
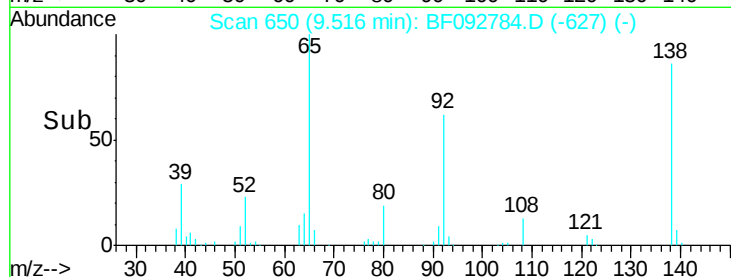
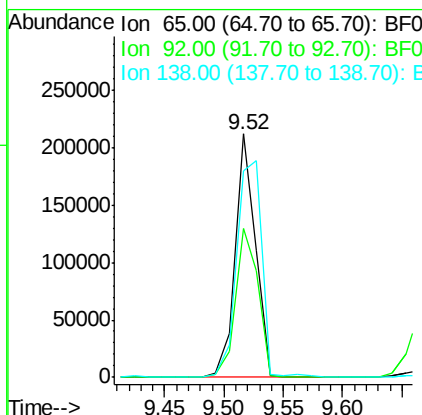
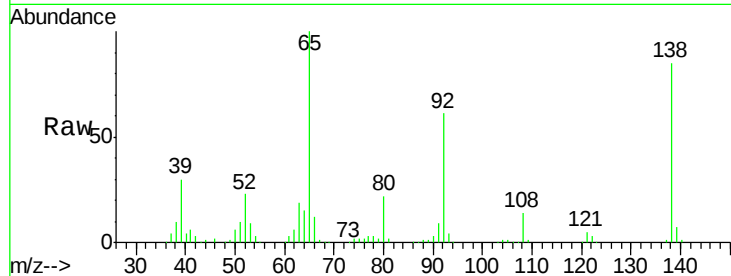




#47
2-Nitroaniline
Concen: 42.24 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

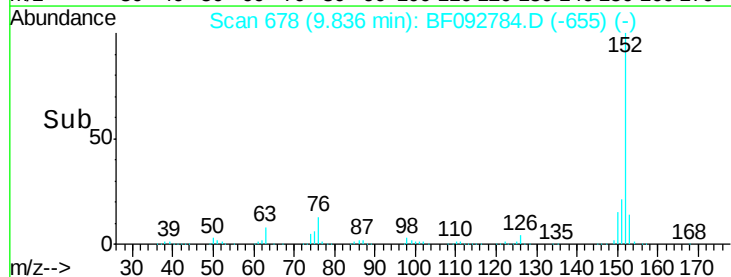
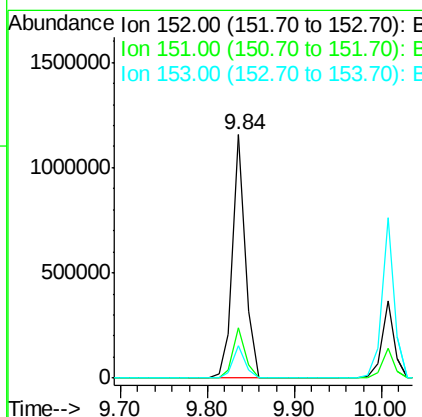
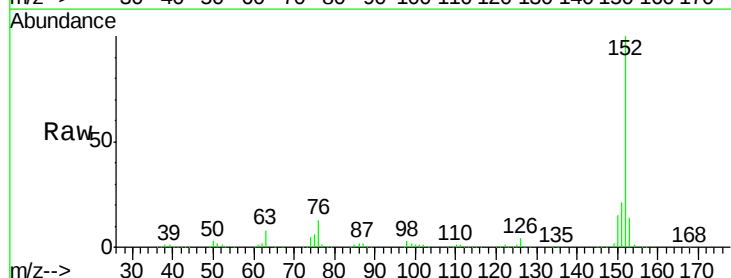
Instrument :
BNA_F
ClientSampleId :
PB96697BS

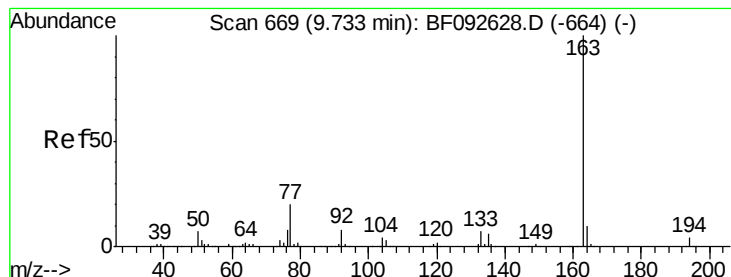
Tgt Ion: 65 Resp: 253135
Ion Ratio Lower Upper
65 100
92 61.1 53.9 80.9
138 85.1 76.8 115.2



#48
Acenaphthylene
Concen: 38.09 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion: 152 Resp: 1172723
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.6 11.4 17.2





#49

Dimethylphthalate

Concen: 41.80 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS

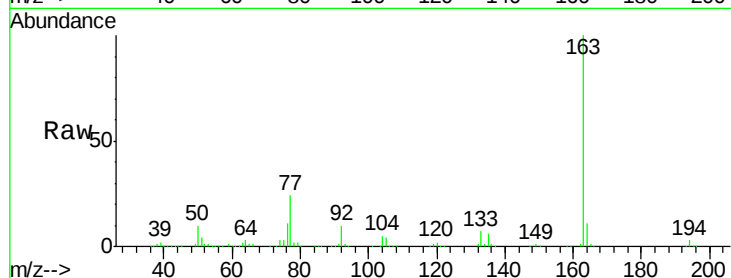
Tgt Ion:163 Resp: 886019

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

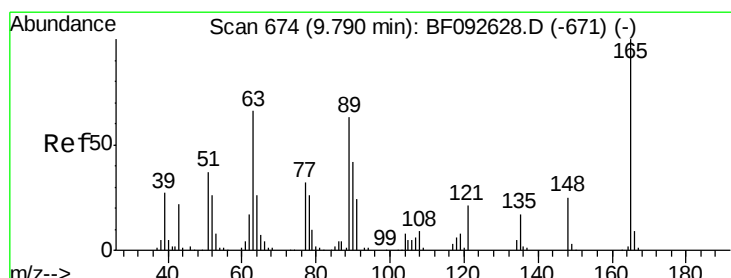
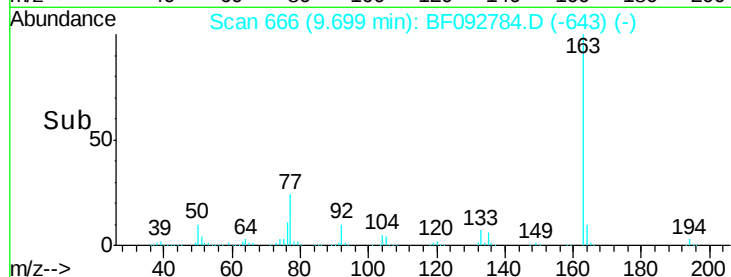
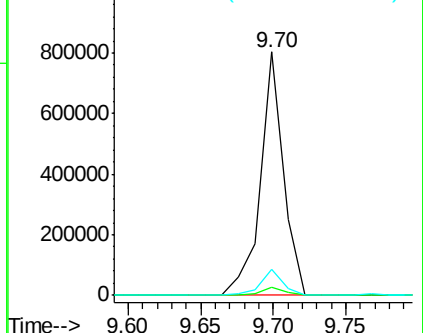
164 10.5 8.0 12.0



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: 48.44 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

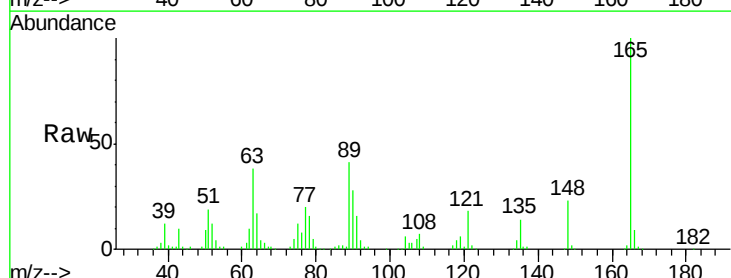
Tgt Ion:165 Resp: 221736

Ion Ratio Lower Upper

165 100

63 38.1 36.2 54.4

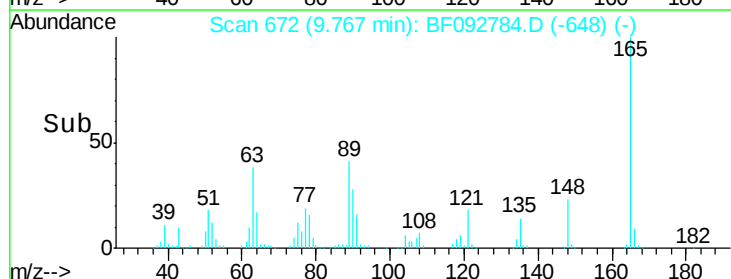
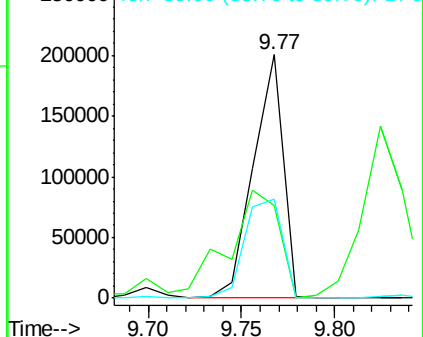
89 40.5 40.2 60.4

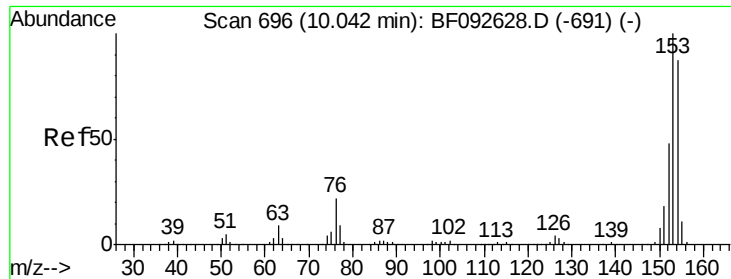


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.16 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS

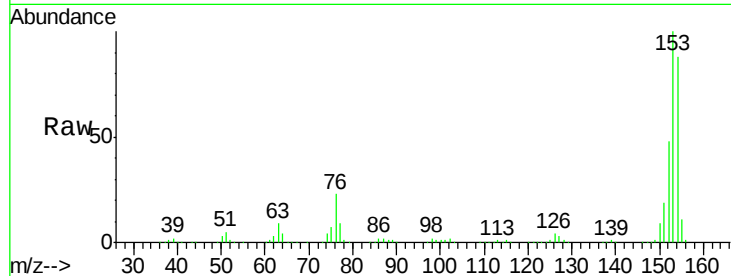
Tgt Ion:154 Resp: 794485

Ion Ratio Lower Upper

154 100

153 113.1 88.6 133.0

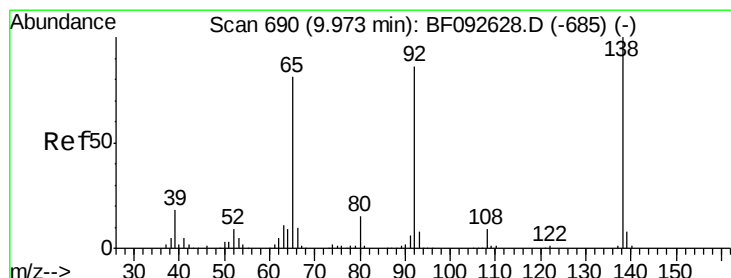
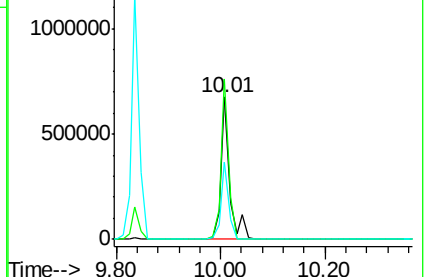
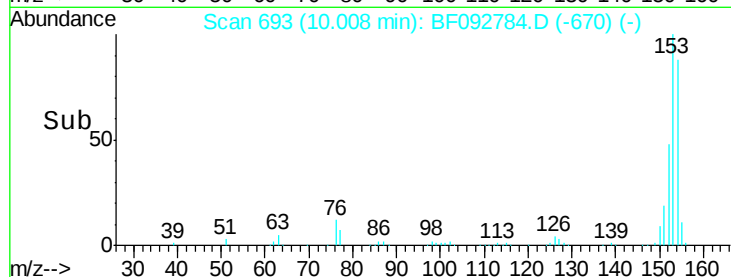
152 54.4 41.6 62.4



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: 14.67 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.05 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

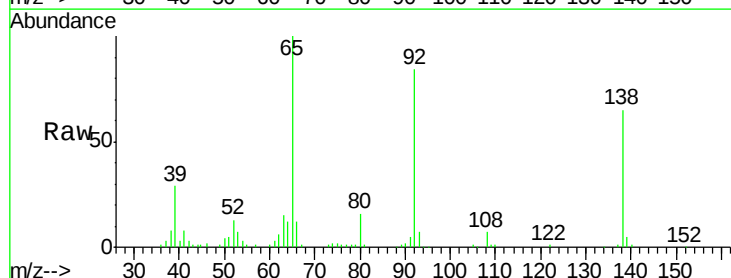
Tgt Ion:138 Resp: 76852

Ion Ratio Lower Upper

138 100

108 10.9 8.5 12.7

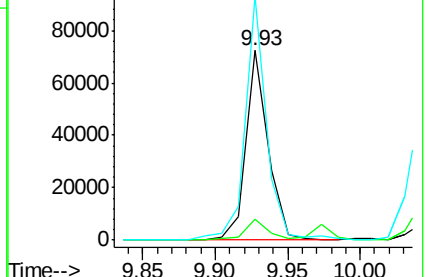
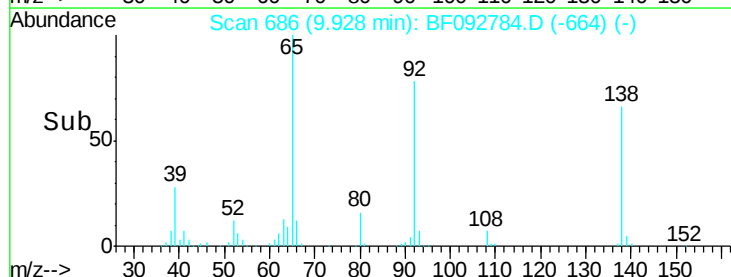
92 128.6 97.8 146.8

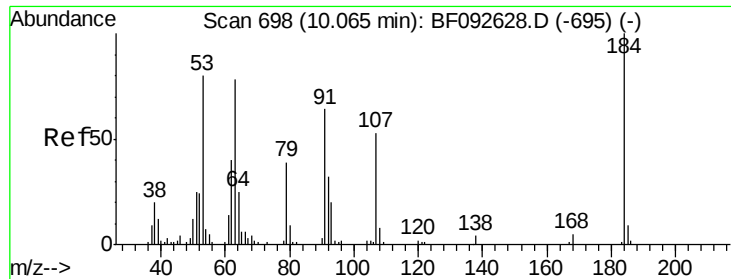


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

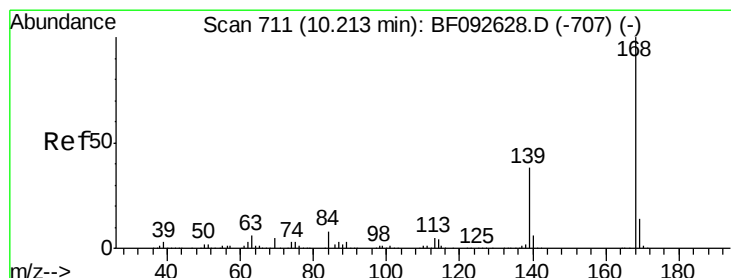
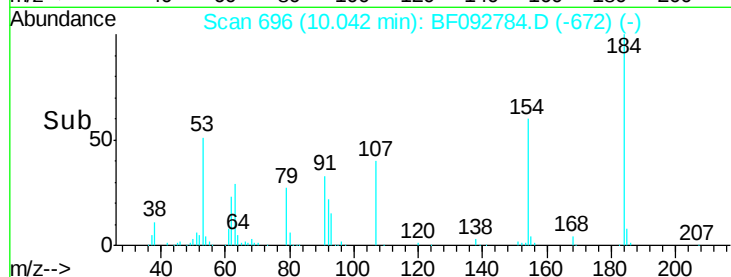
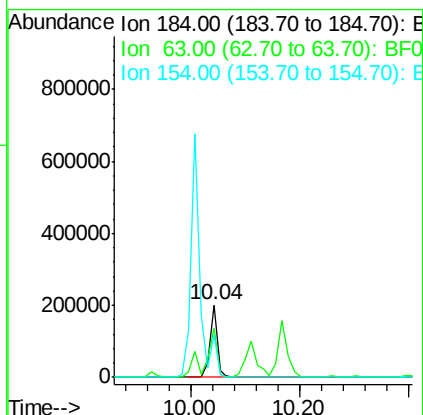
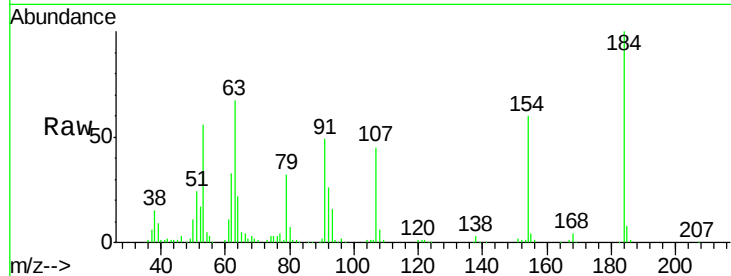




#53
 2,4-Dinitrophenol
 Concen: 82.45 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.02 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

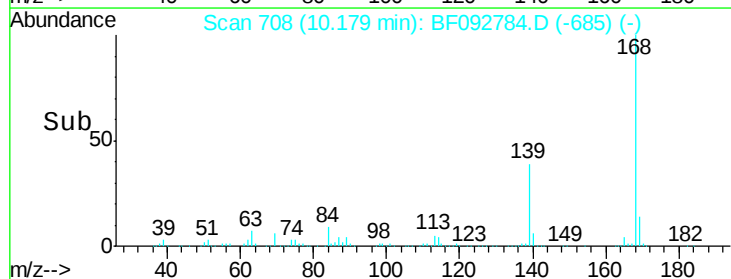
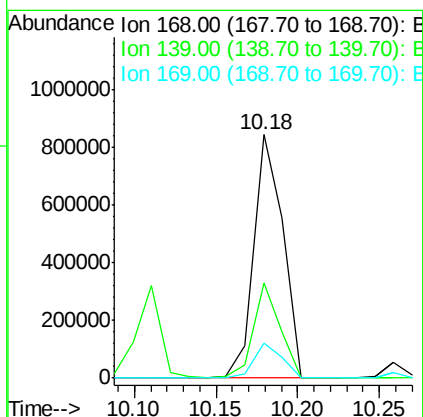
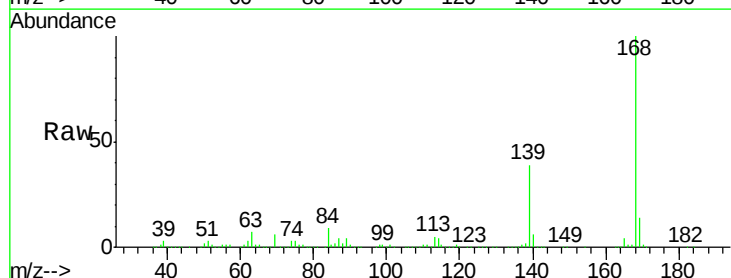
Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

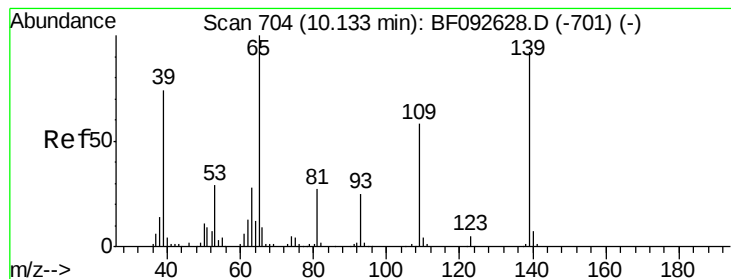
Tgt Ion:184 Resp: 192331
 Ion Ratio Lower Upper
 184 100
 63 67.5 28.4 42.6#
 154 59.8 44.3 66.5



#54
 Dibenzofuran
 Concen: 42.57 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion:168 Resp: 1048149
 Ion Ratio Lower Upper
 168 100
 139 39.2 32.6 49.0
 169 14.3 11.3 16.9





#55

4-Nitrophenol

Concen: 88.85 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS

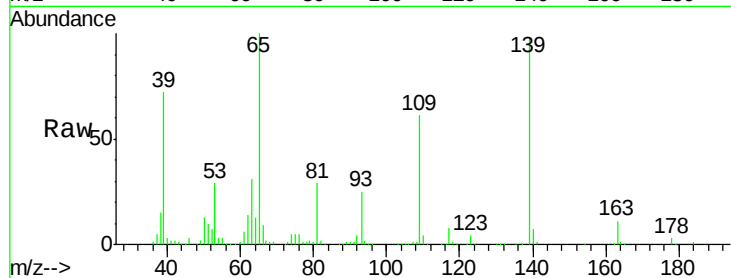
Tgt Ion:139 Resp: 335187

Ion Ratio Lower Upper

139 100

109 62.5 52.2 92.2

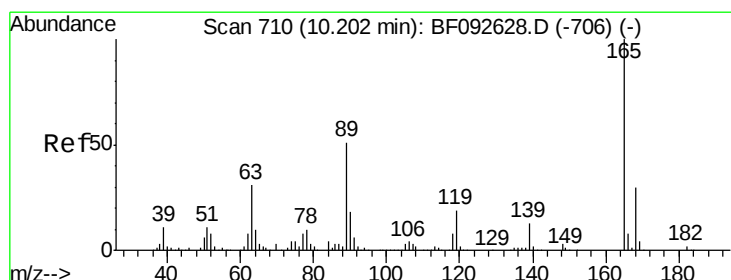
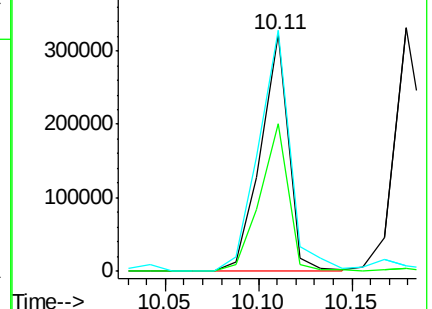
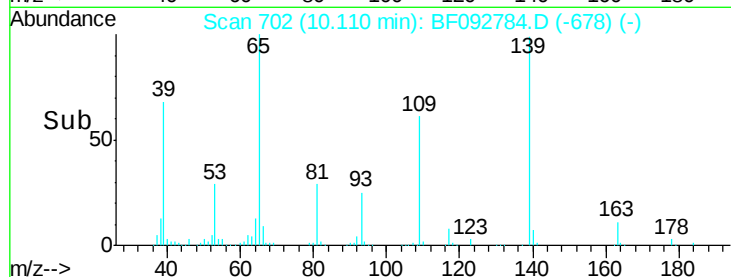
65 101.6 85.8 125.8



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: 42.52 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Tgt Ion:165 Resp: 259123

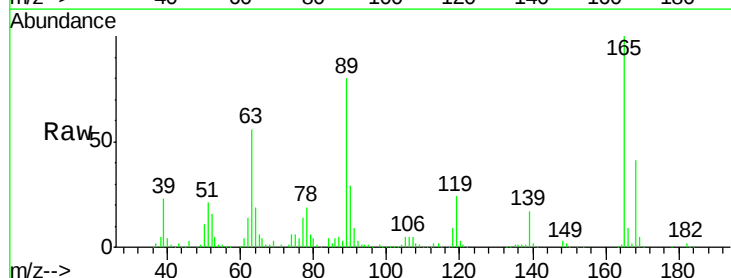
Ion Ratio Lower Upper

165 100

63 56.2 40.2 60.4

89 79.5 62.5 93.7

182 2.3 1.8 2.8

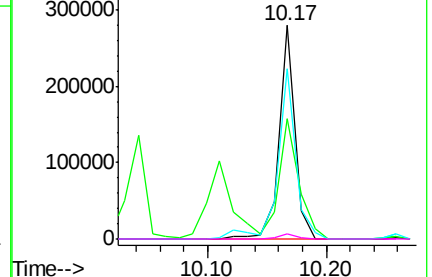
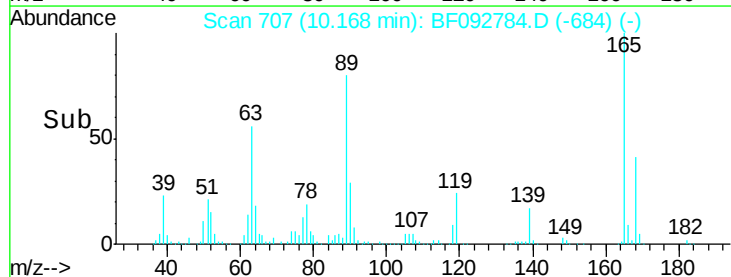


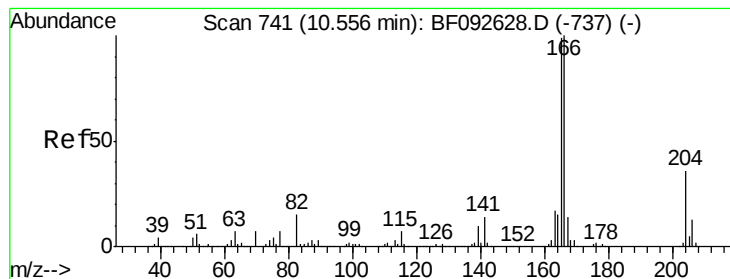
Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.53 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS

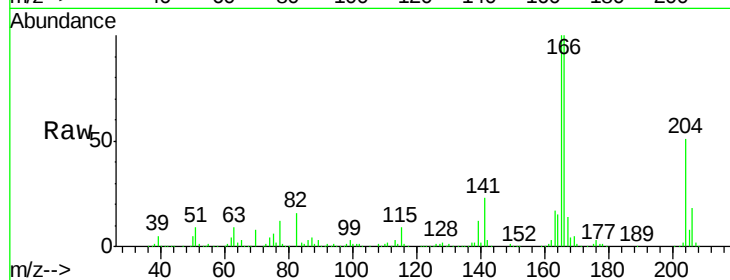
Tgt Ion:166 Resp: 786632

Ion Ratio Lower Upper

166 100

165 99.5 77.8 116.8

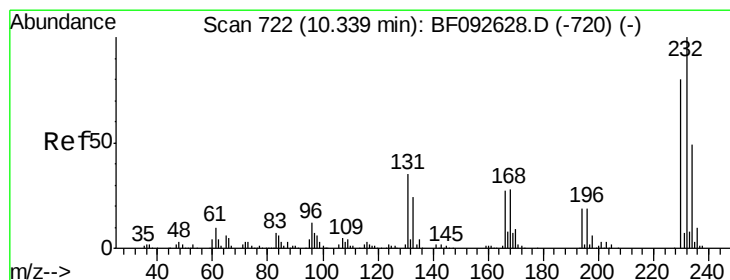
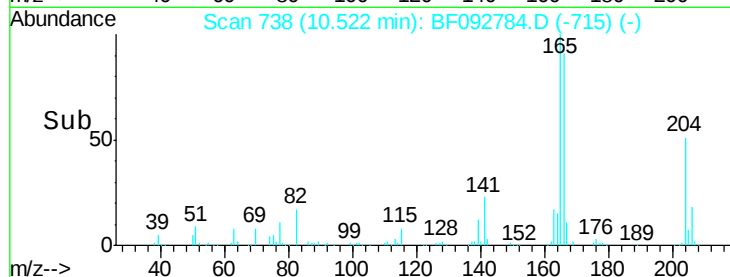
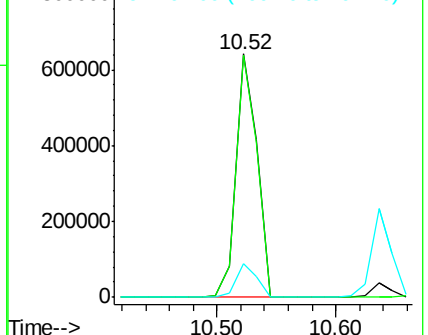
167 13.7 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.06 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Tgt Ion:232 Resp: 208108

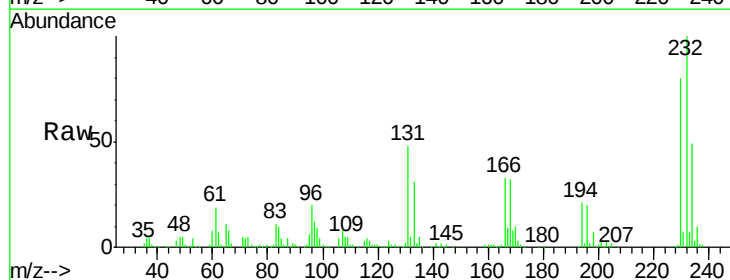
Ion Ratio Lower Upper

232 100

131 50.3 40.1 60.1

130 2.3 1.8 2.8

166 33.6 26.6 39.8

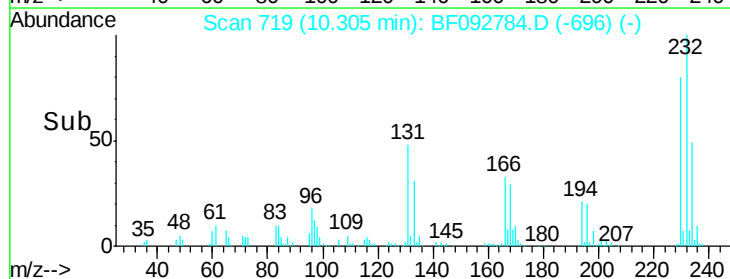
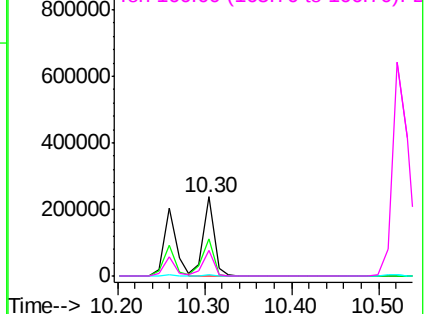


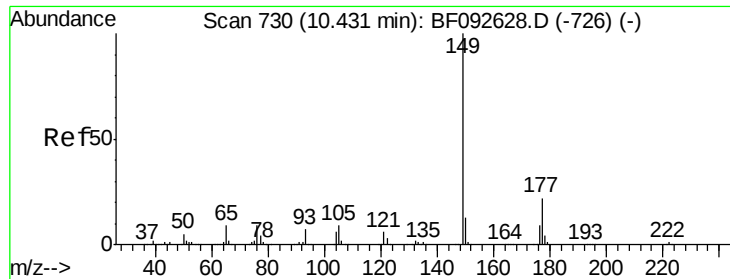
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

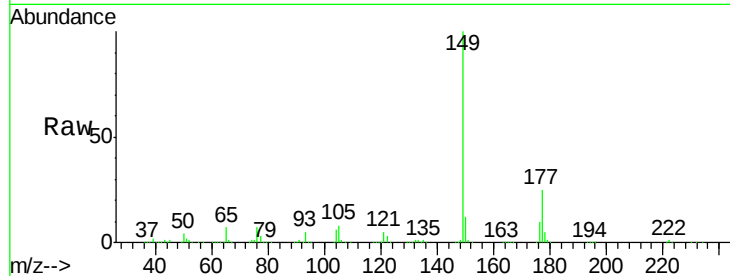




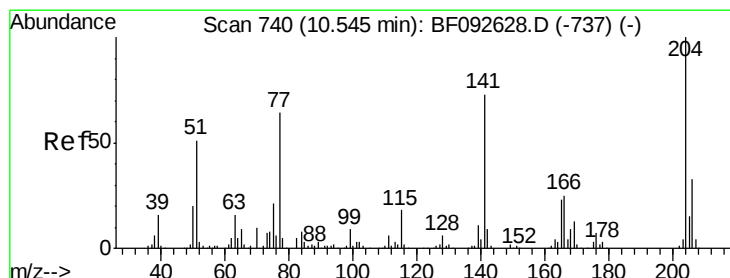
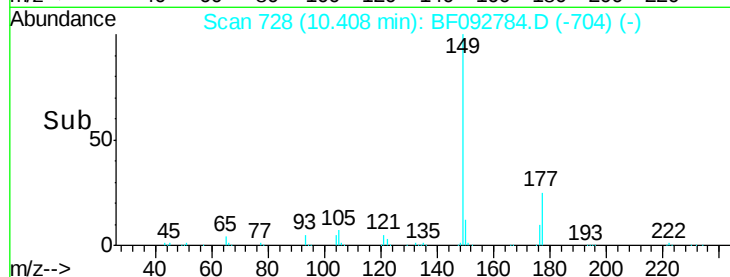
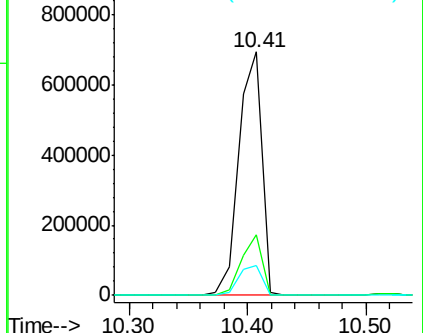
#59
Diethylphthalate
Concen: 46.95 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

Tgt Ion:149 Resp: 937830
Ion Ratio Lower Upper
149 100
177 24.8 16.6 25.0
150 12.0 10.4 15.6

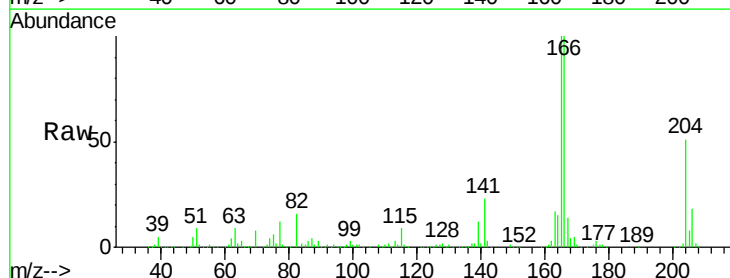


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

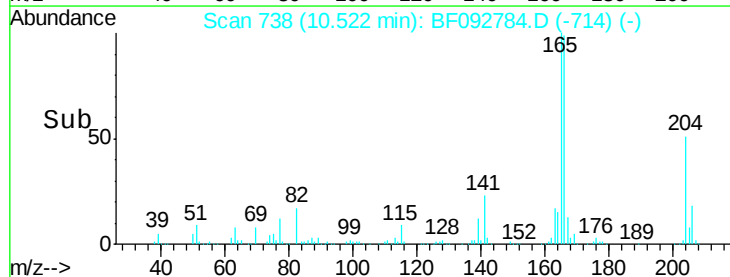
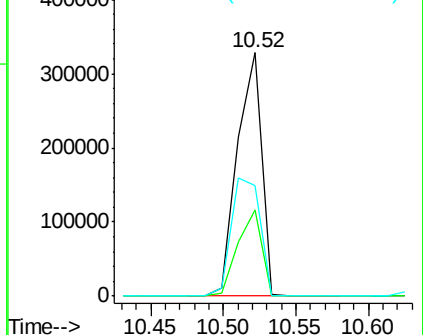


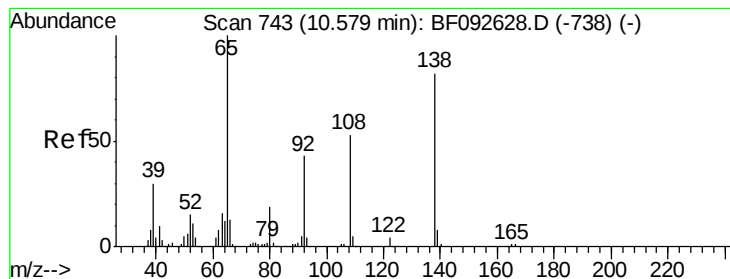
#60
4-Chlorophenyl-phenylether
Concen: 42.01 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion:204 Resp: 382355
Ion Ratio Lower Upper
204 100
206 35.3 25.8 38.6
141 45.6 59.4 89.0#



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





#61

4-Nitroaniline

Concen: 47.75 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS

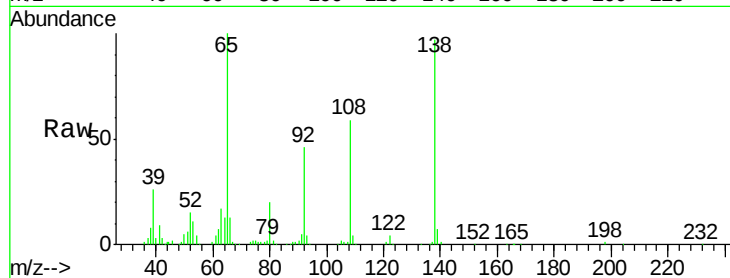
Tgt Ion:138 Resp: 256175

Ion Ratio Lower Upper

138 100

92 48.0 31.7 71.7

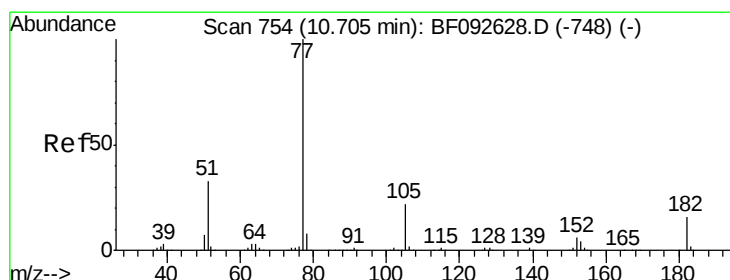
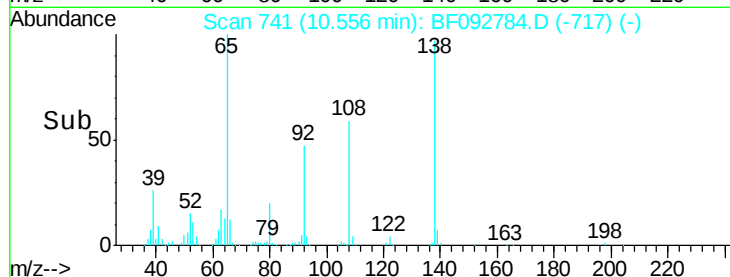
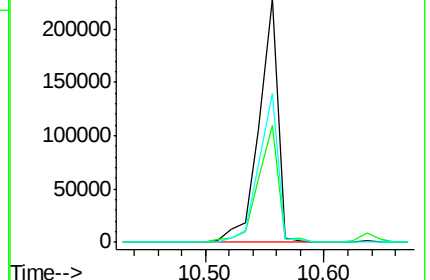
108 61.0 52.6 92.6



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: 53.38 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Tgt Ion: 77 Resp: 1101405

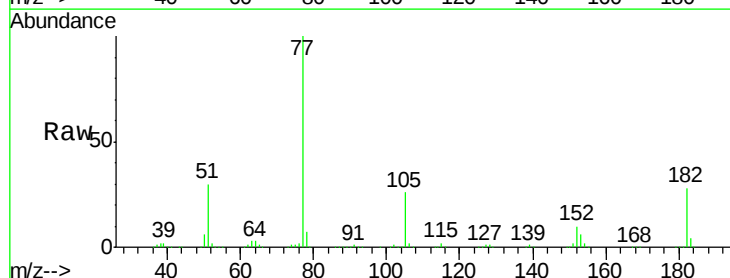
Ion Ratio Lower Upper

77 100

182 28.0 0.0 39.3

105 25.6 2.3 42.3

51 29.8 8.9 48.9

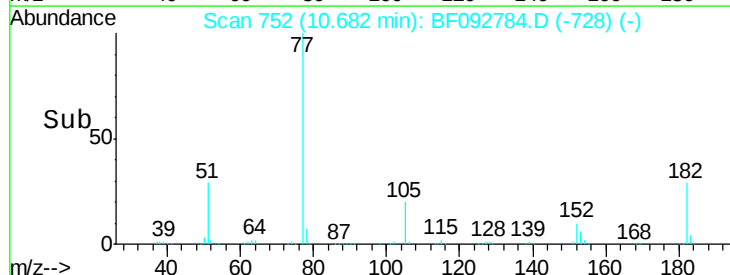
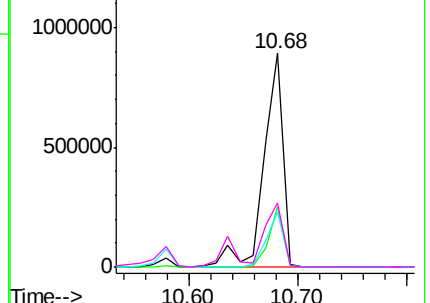


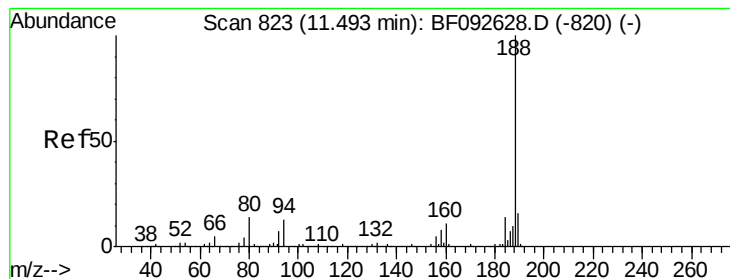
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.46 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS

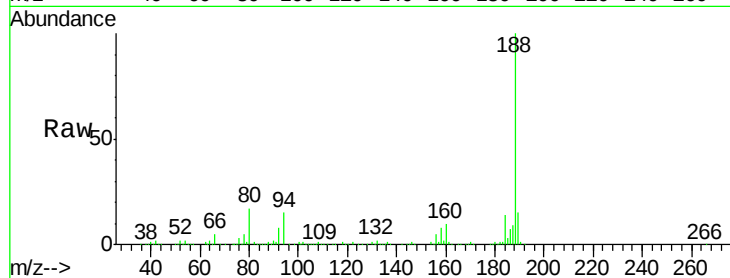
Tgt Ion:188 Resp: 550072

Ion Ratio Lower Upper

188 100

94 14.7 10.0 15.0

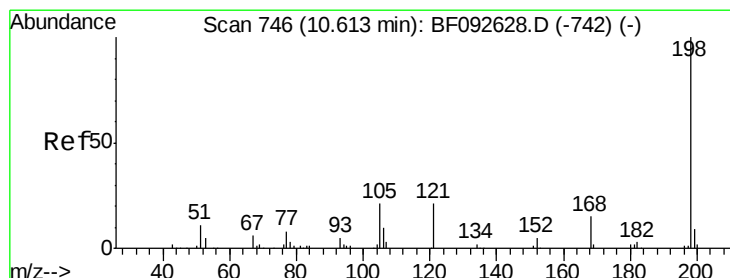
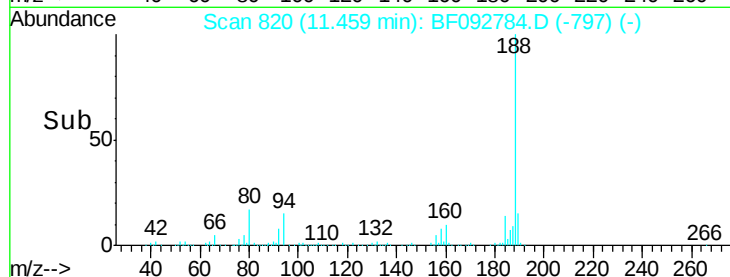
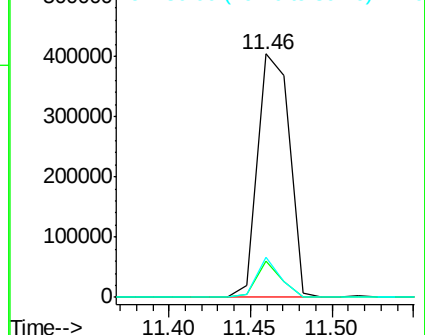
80 16.6 11.2 16.8



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: 42.91 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

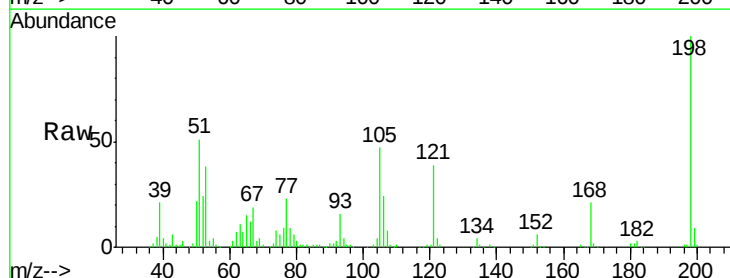
Tgt Ion:198 Resp: 142661

Ion Ratio Lower Upper

198 100

51 51.1 6.7 46.7#

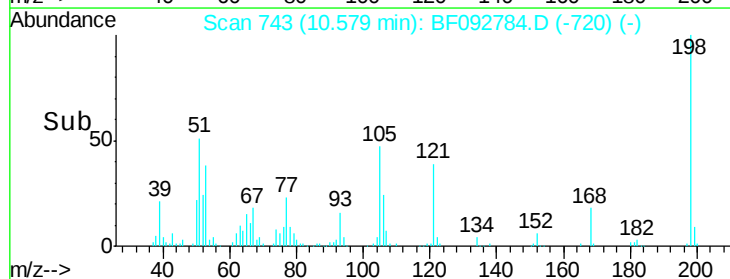
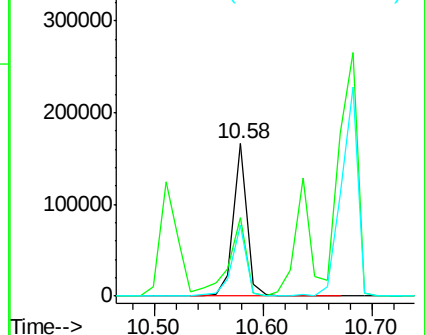
105 46.5 16.6 56.6

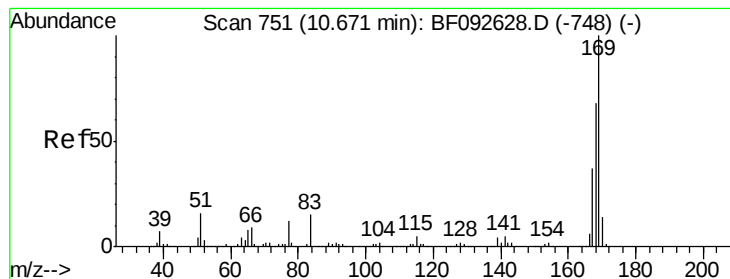


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.94 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS

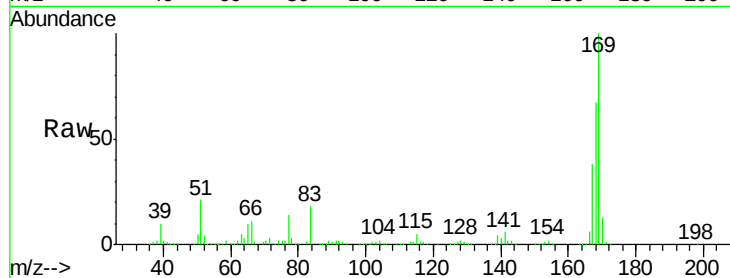
Tgt Ion:169 Resp: 719430

Ion Ratio Lower Upper

169 100

168 67.1 54.2 81.2

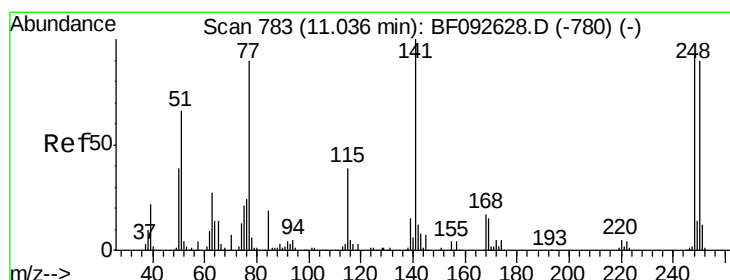
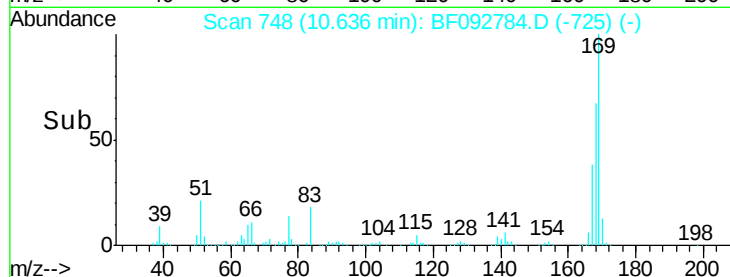
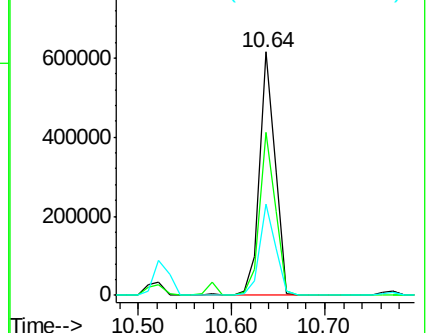
167 37.8 30.2 45.4



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: 41.37 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

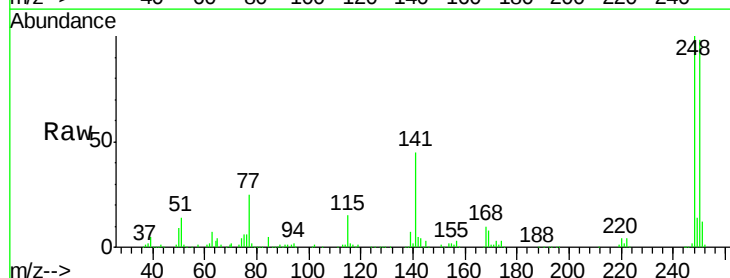
Tgt Ion:248 Resp: 237739

Ion Ratio Lower Upper

248 100

250 97.9 76.9 115.3

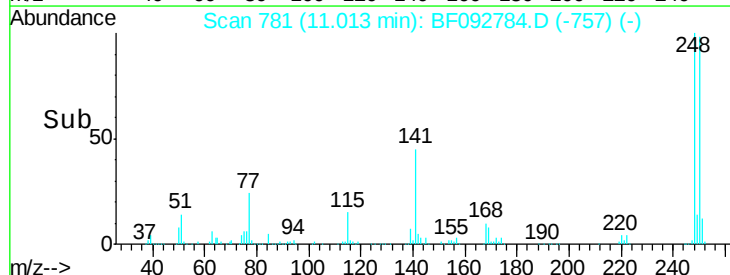
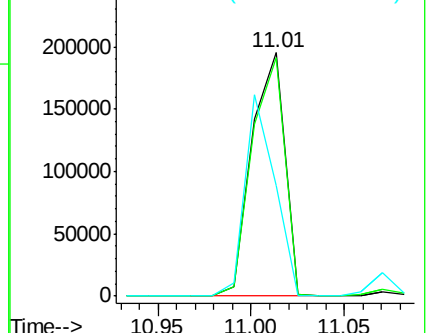
141 45.2 68.2 102.4#

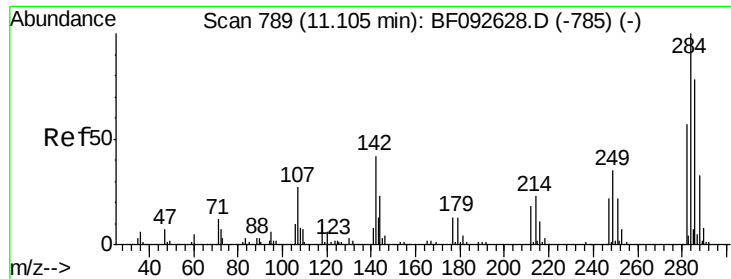


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

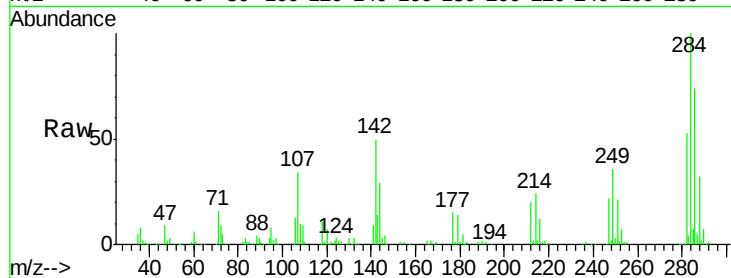




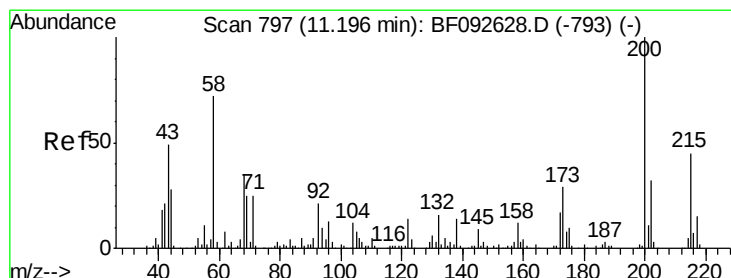
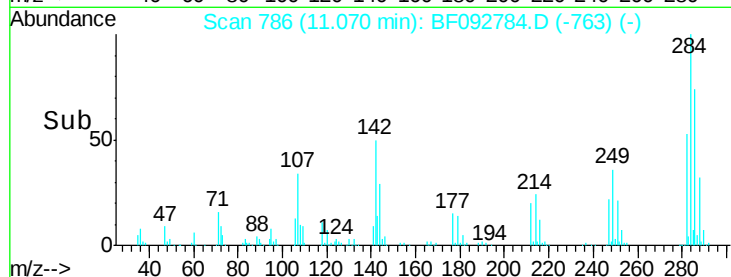
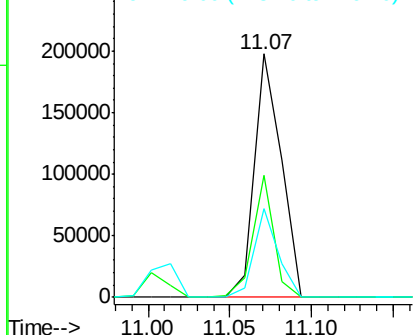
#67
Hexachlorobenzene
Concen: 39.67 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

Tgt Ion:284 Resp: 225309
Ion Ratio Lower Upper
284 100
142 50.0 22.6 33.8#
249 36.4 25.4 38.0

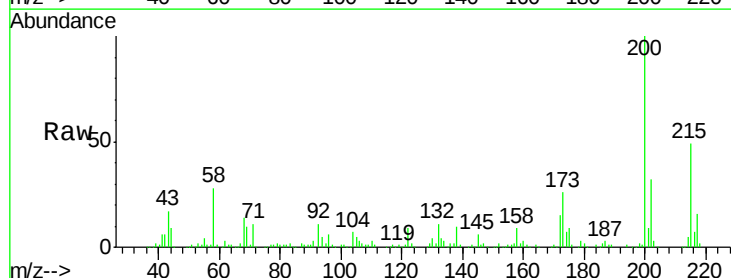


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

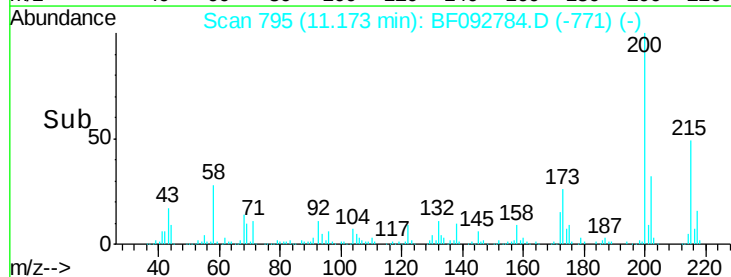
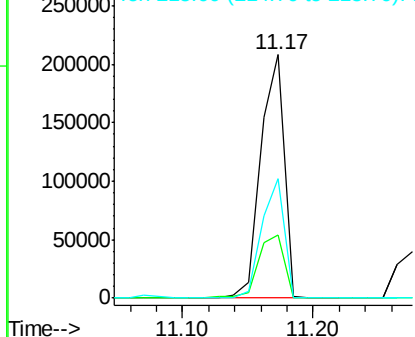


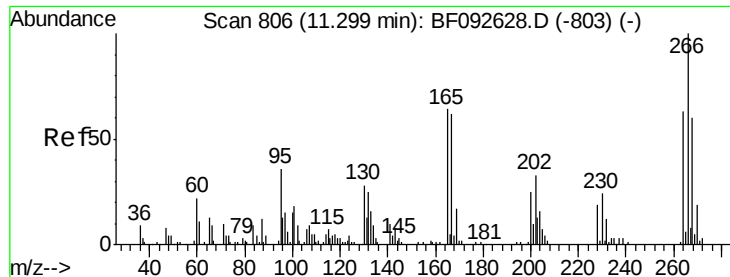
#68
Atrazine
Concen: 46.40 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion:200 Resp: 261680
Ion Ratio Lower Upper
200 100
173 25.7 9.6 49.6
215 48.9 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

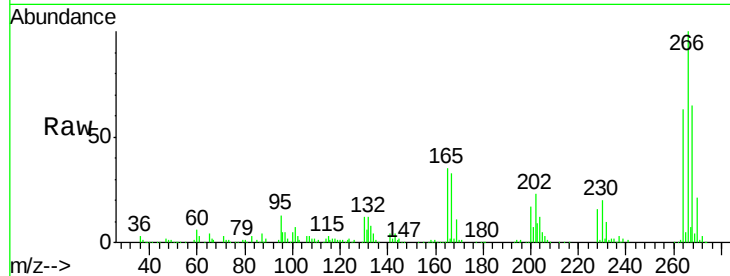




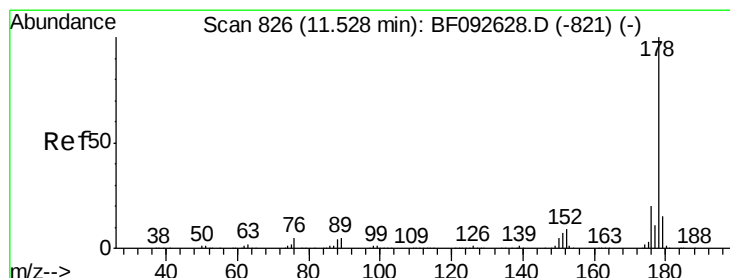
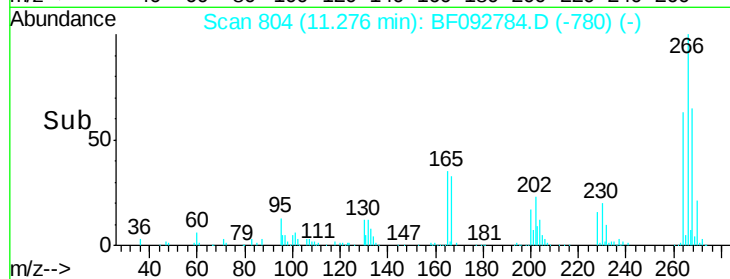
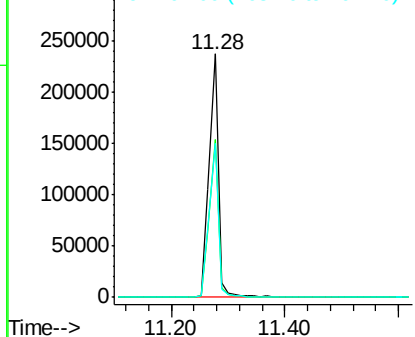
#69
 Pentachlorophenol
 Concen: 87.69 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

Tgt Ion:266 Resp: 259304
 Ion Ratio Lower Upper
 266 100
 268 64.7 53.3 79.9
 264 63.3 50.3 75.5

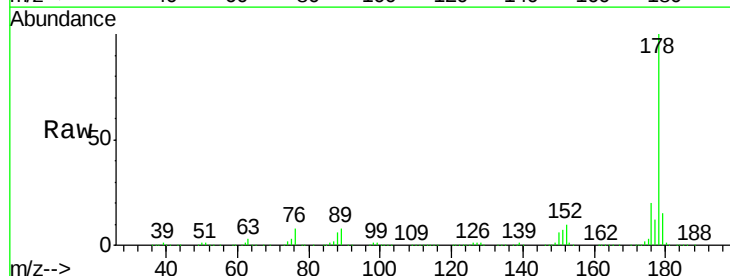


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

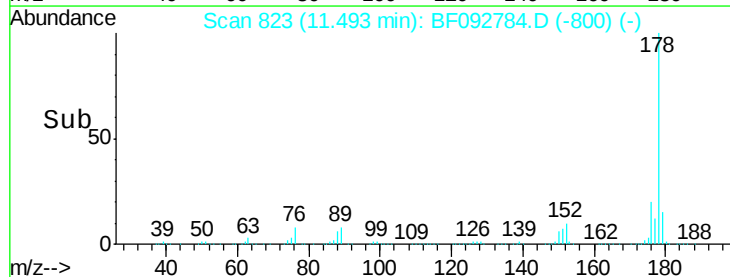
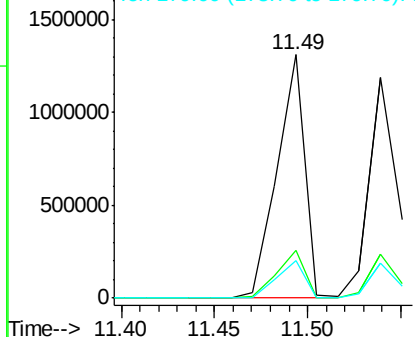


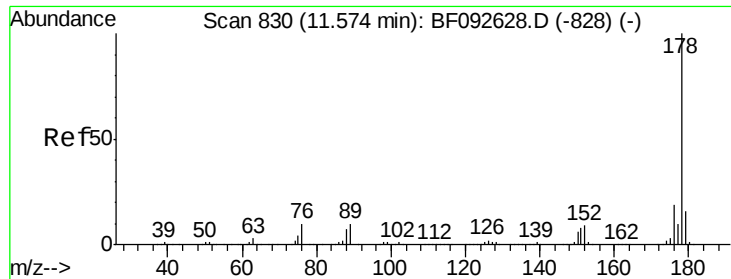
#70
 Phenanthrene
 Concen: 42.98 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion:178 Resp: 1354378
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.4 12.8 19.2



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

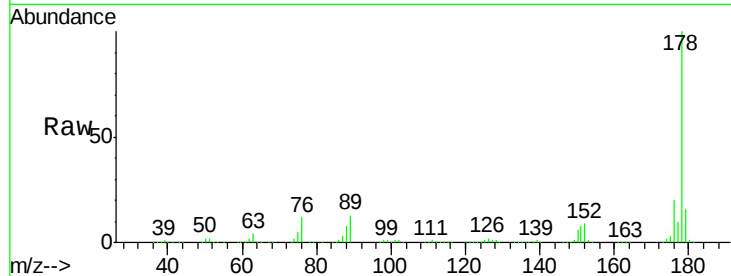




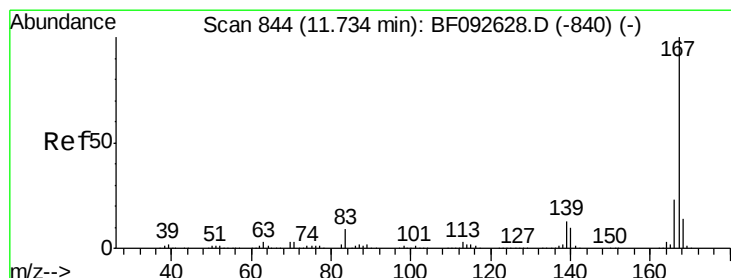
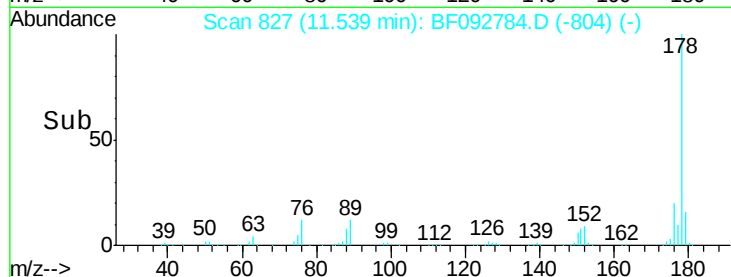
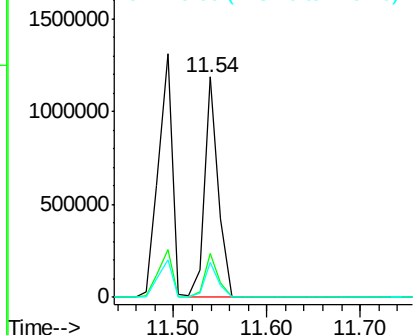
#71
 Anthracene
 Concen: 38.35 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

Tgt Ion:178 Resp: 1213556
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 15.8 13.2 19.8

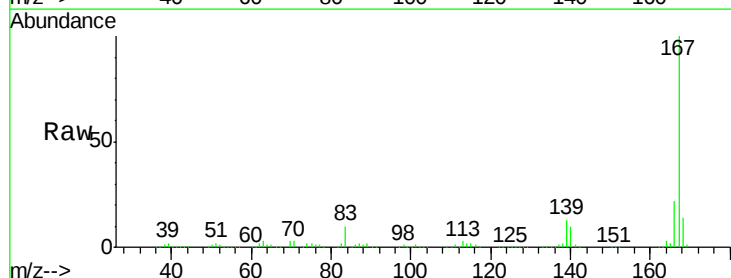


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

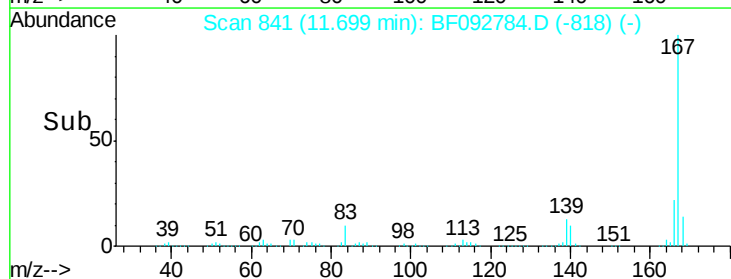
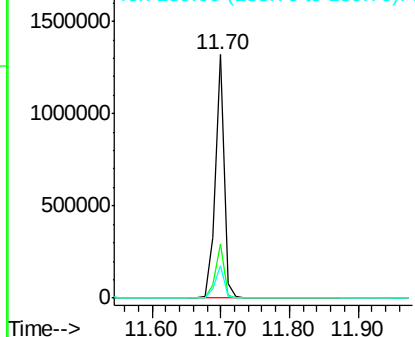


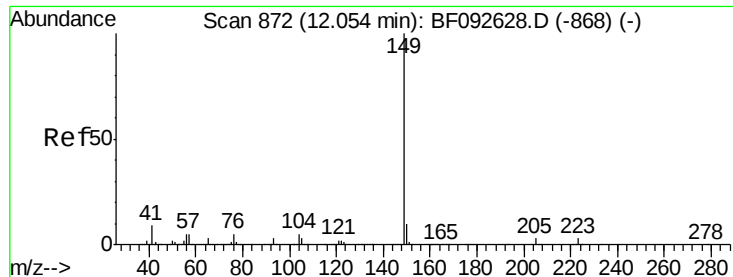
#72
 Carbazole
 Concen: 39.90 ng
 RT: 11.70 min Scan# 841
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion:167 Resp: 1206967
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.5 11.4 17.2



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

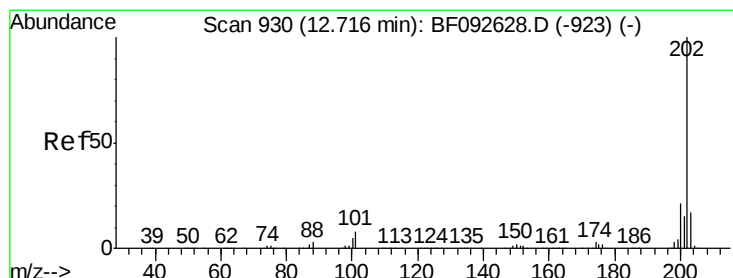
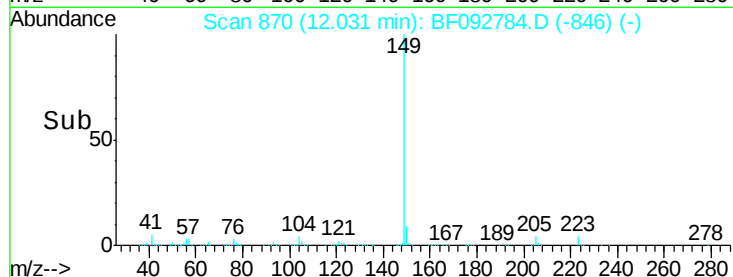
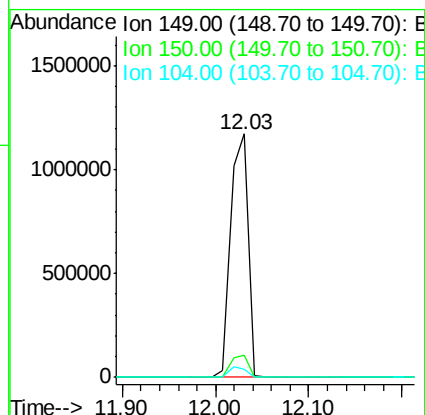
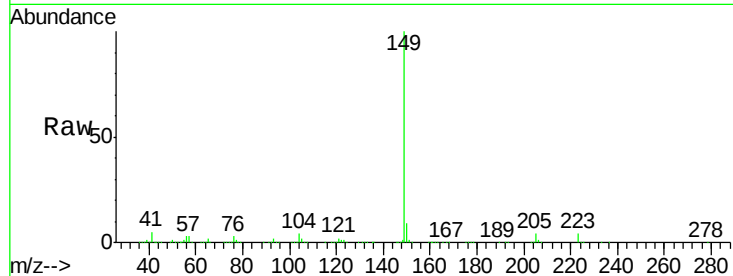




#73
Di-n-butylphthalate
Concen: 46.79 ng
RT: 12.03 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

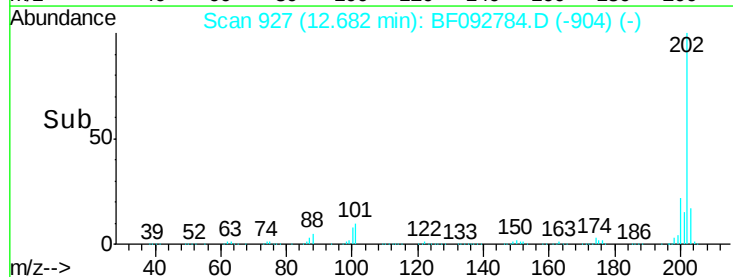
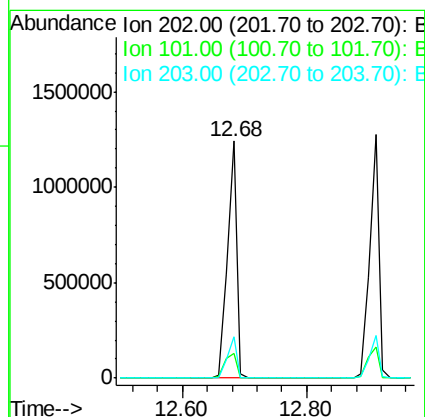
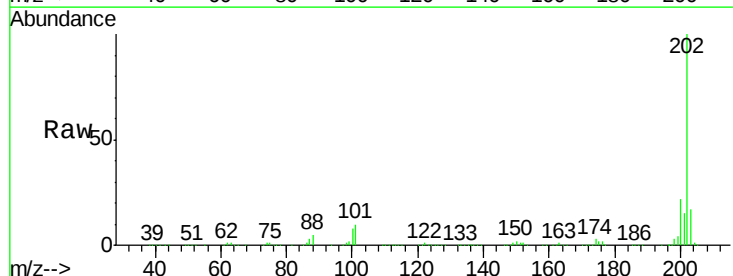
Instrument :
BNA_F
ClientSampleId :
PB96697BS

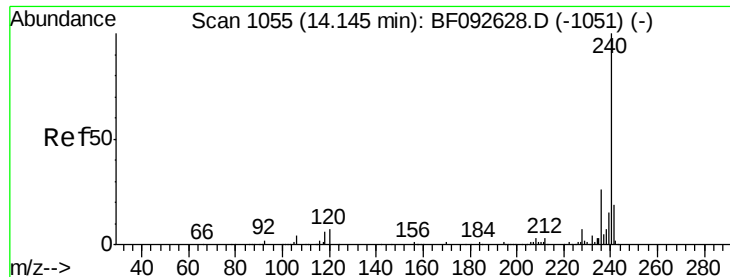
Tgt Ion:149 Resp: 1530998
Ion Ratio Lower Upper
149 100
150 9.1 8.1 12.1
104 3.6 4.6 7.0#



#74
Fluoranthene
Concen: 38.98 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion:202 Resp: 1267116
Ion Ratio Lower Upper
202 100
101 10.3 0.0 34.6
203 17.4 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS

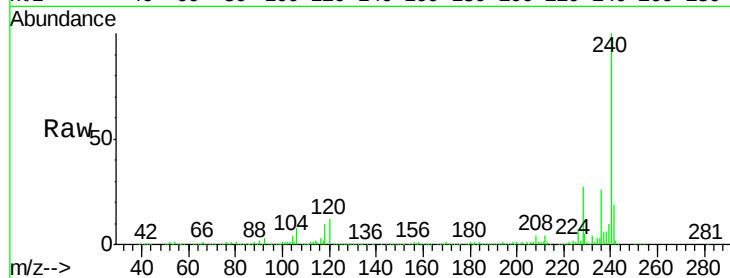
Tgt Ion:240 Resp: 461081

Ion Ratio Lower Upper

240 100

120 11.7 12.9 19.3#

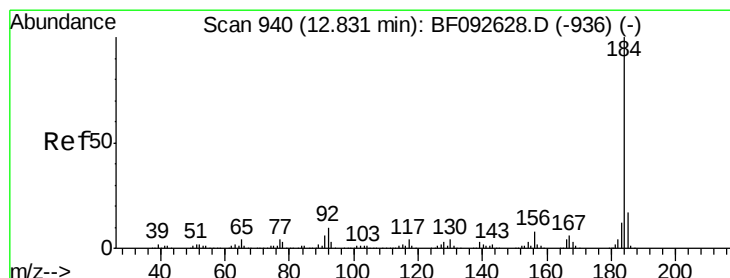
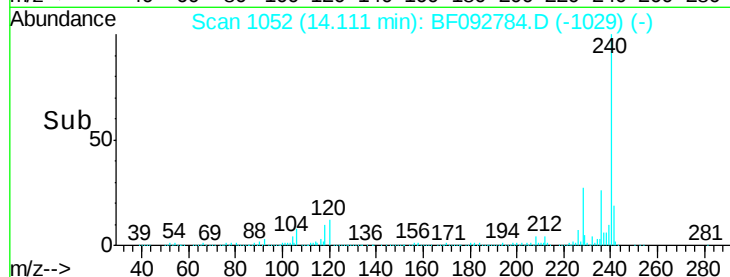
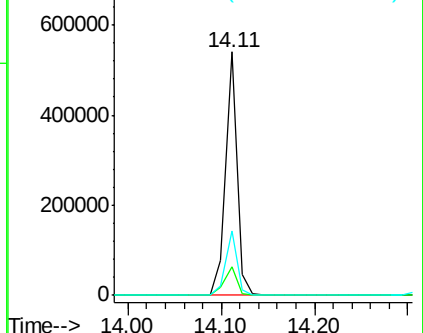
236 26.2 20.9 31.3



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: 20.49 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

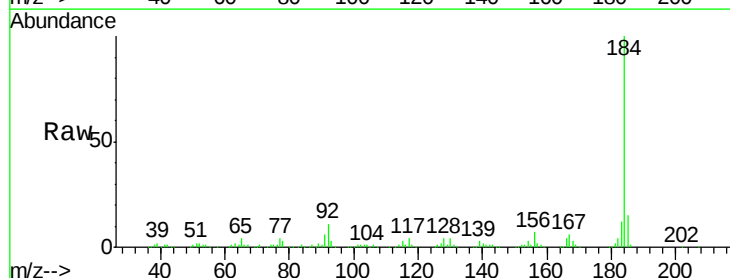
Tgt Ion:184 Resp: 402494

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.0

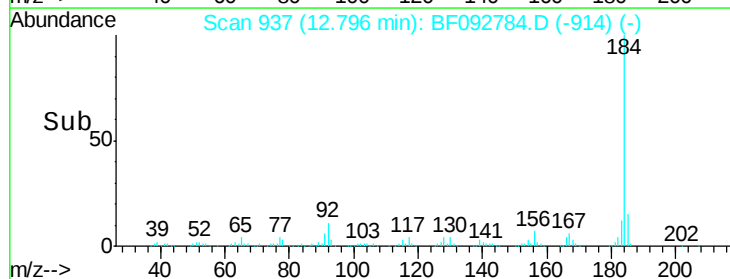
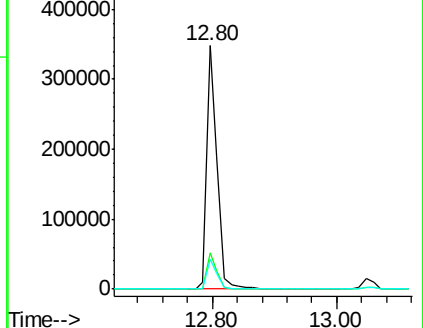
183 12.1 9.2 13.8

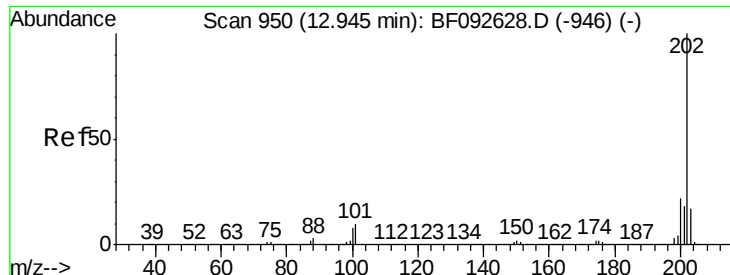


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

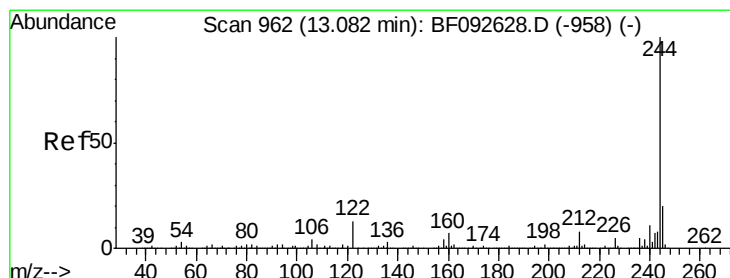
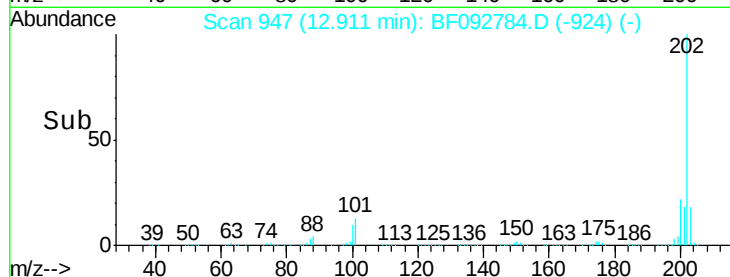
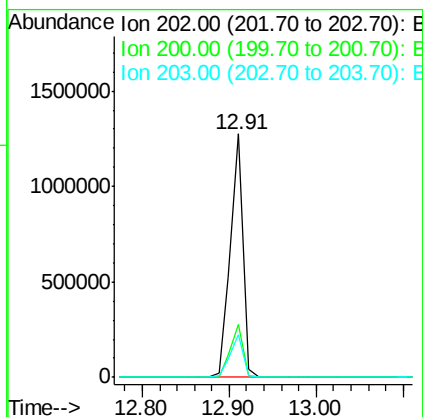
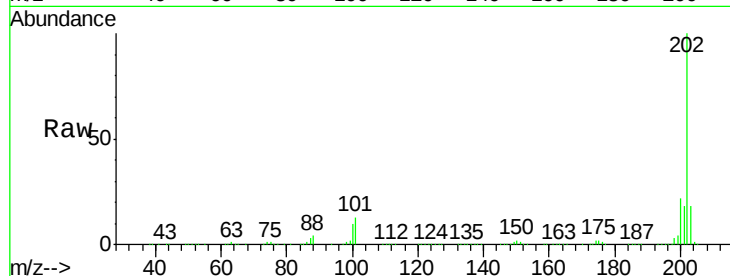




#77
 Pyrene
 Concen: 37.25 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

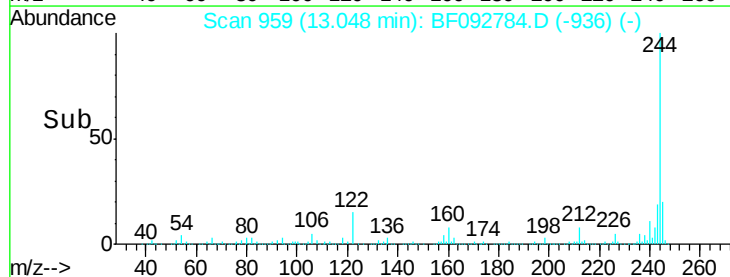
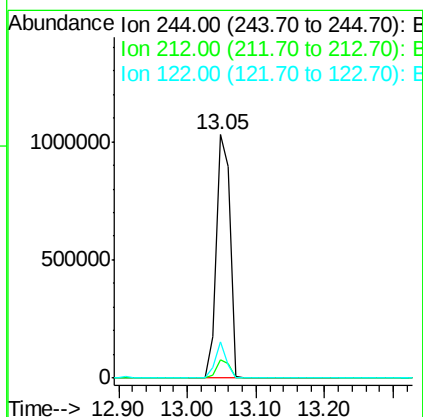
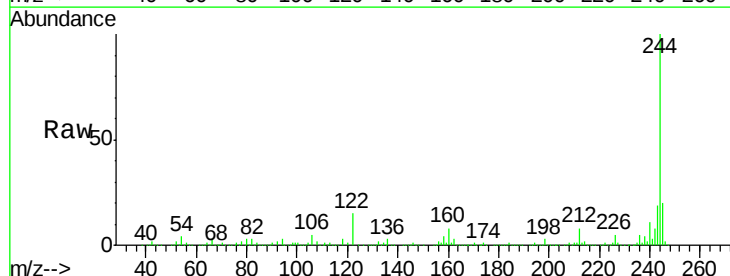
Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

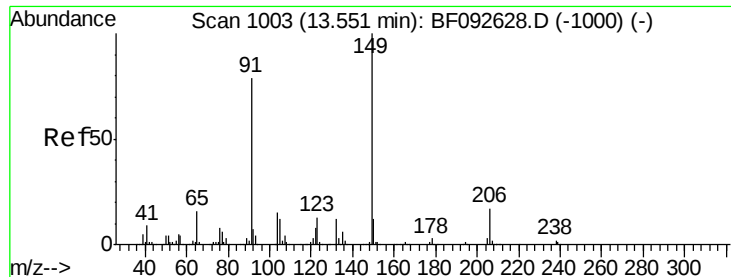
Tgt Ion: 202 Resp: 1285485
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.7 26.5
 203 17.7 14.7 22.1



#78
 Terphenyl-d14
 Concen: 74.14 ng
 RT: 13.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion: 244 Resp: 1454905
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.9 11.4 17.2





#79

Butylbenzylphthalate

Concen: 43.14 ng

RT: 13.53 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS

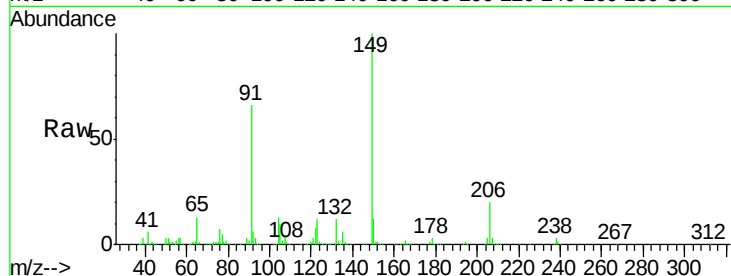
Tgt Ion:149 Resp: 604494

Ion Ratio Lower Upper

149 100

91 66.4 63.9 95.9

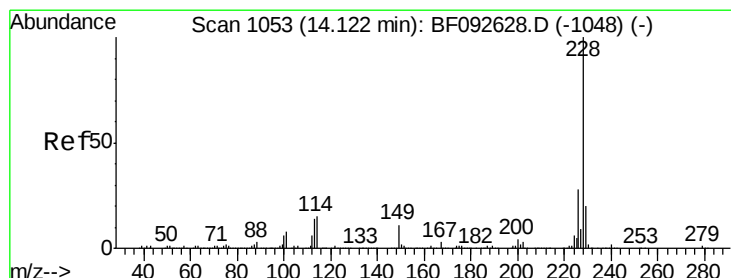
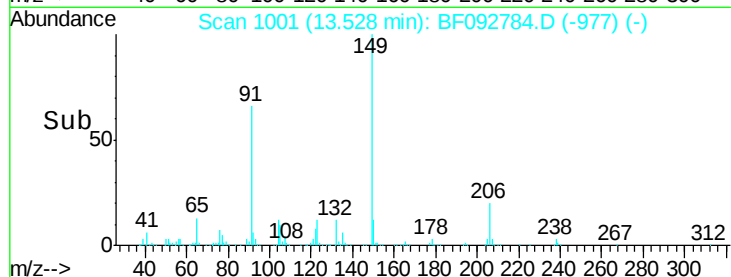
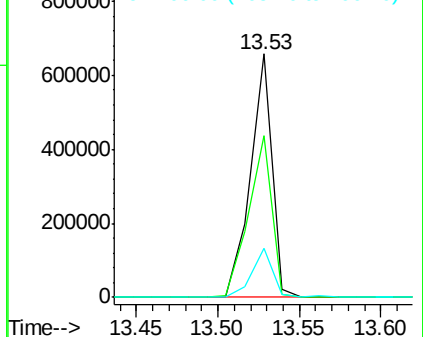
206 20.0 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.61 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

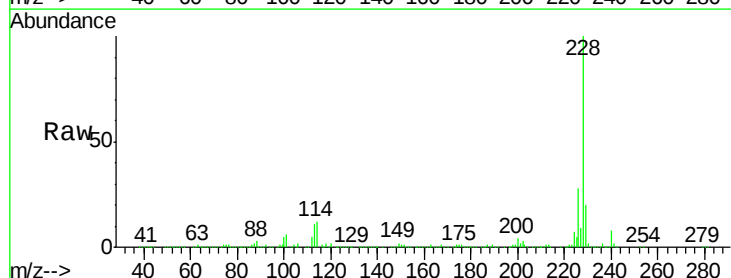
Tgt Ion:228 Resp: 1088921

Ion Ratio Lower Upper

228 100

226 28.1 22.4 33.6

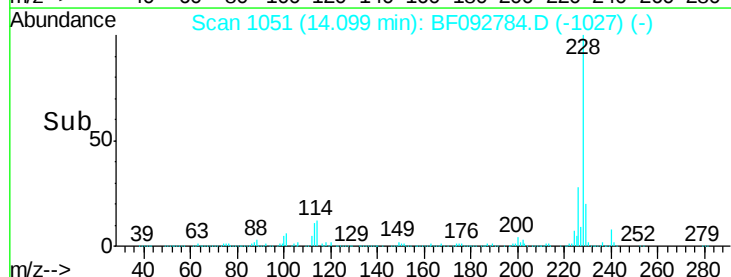
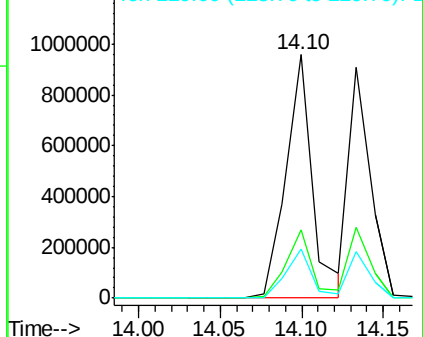
229 19.9 16.2 24.4

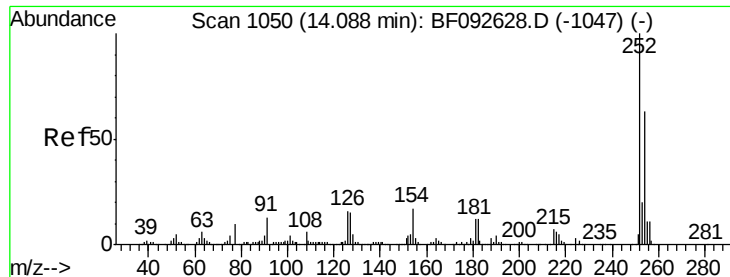


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

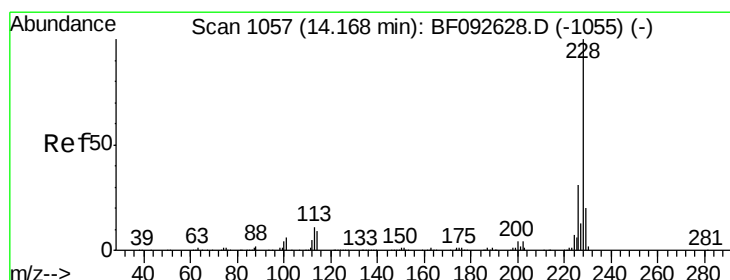
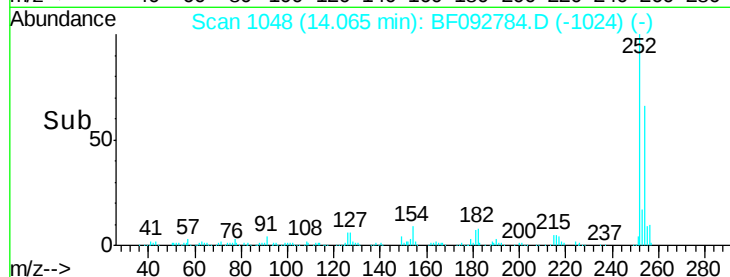
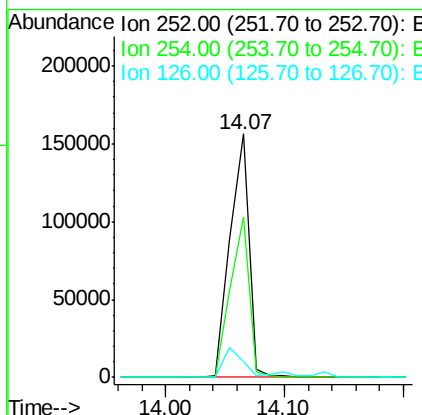
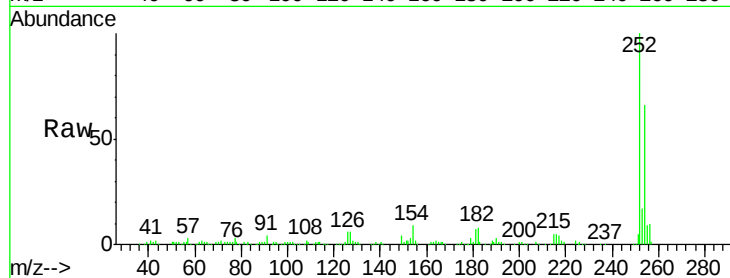




#81
 3,3'-Dichlorobenzidine
 Concen: 17.35 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

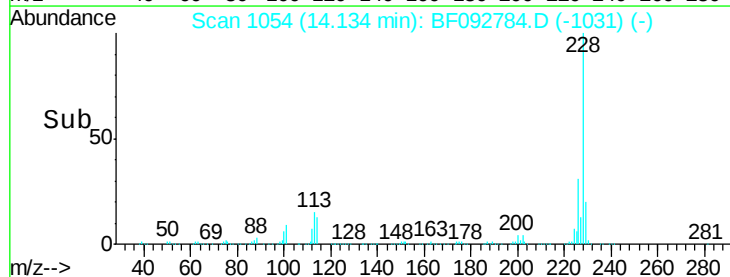
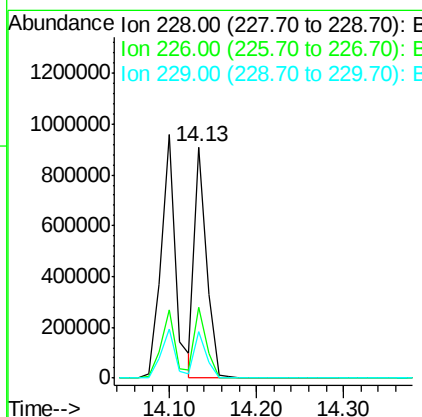
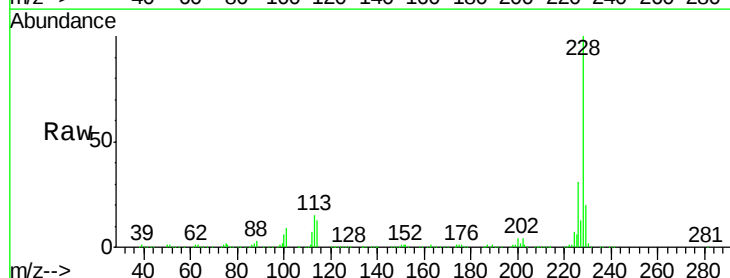
Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

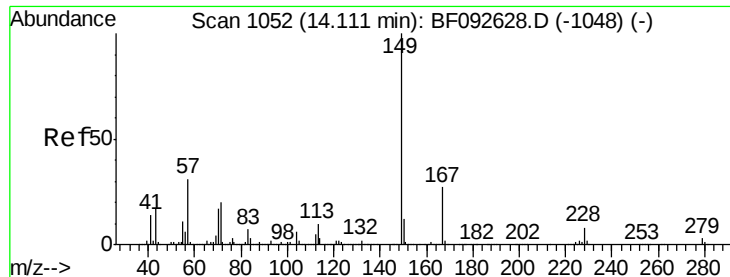
Tgt Ion:252 Resp: 174457
 Ion Ratio Lower Upper
 252 100
 254 66.0 52.3 78.5
 126 6.4 13.6 20.4#



#82
 Chrysene
 Concen: 32.76 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion:228 Resp: 864907
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.0
 229 20.0 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.37 ng

RT: 14.09 min Scan# 1050

Delta R.T. -0.02 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS

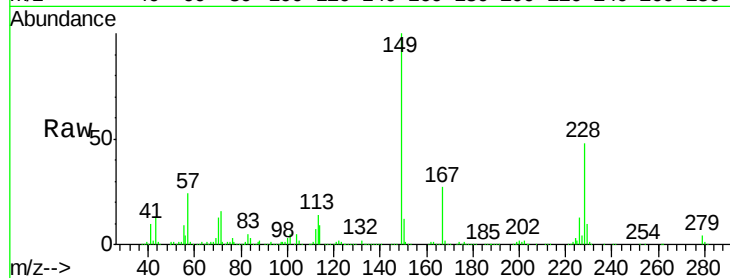
Tgt Ion:149 Resp: 792857

Ion Ratio Lower Upper

149 100

167 27.3 20.2 30.4

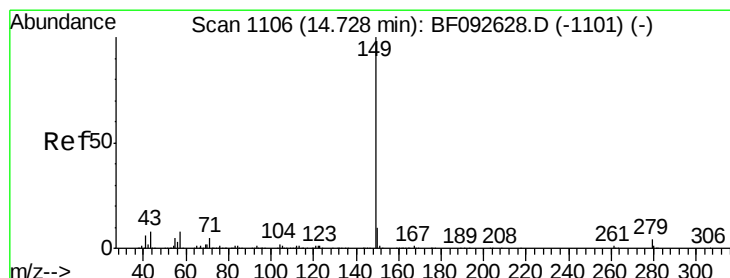
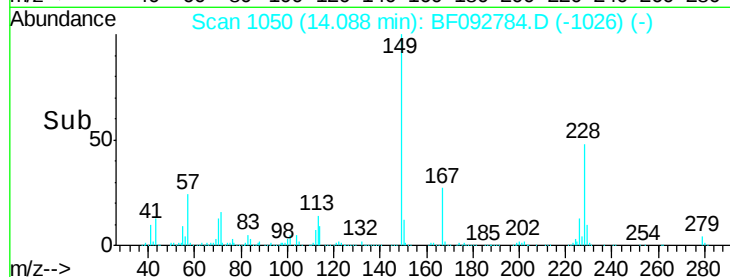
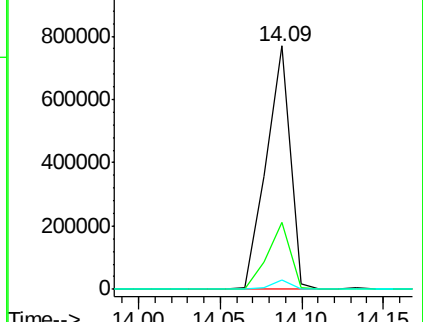
279 4.0 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.70 ng

RT: 14.69 min Scan# 1103

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

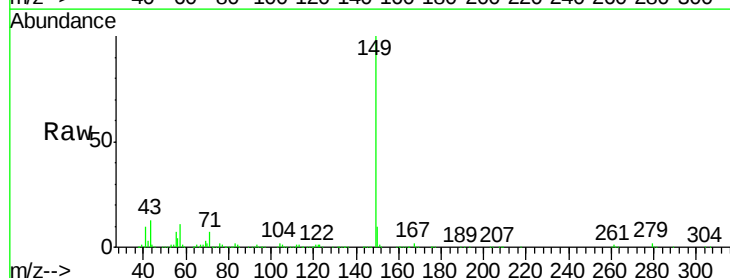
Tgt Ion:149 Resp: 1363621

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

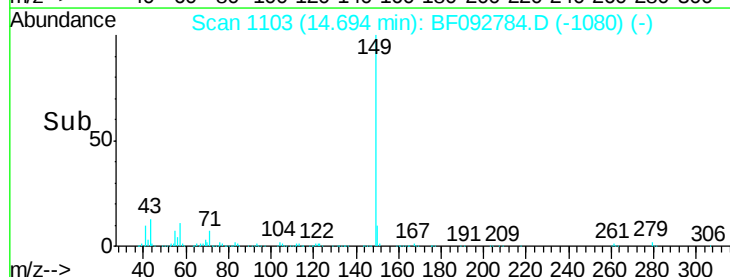
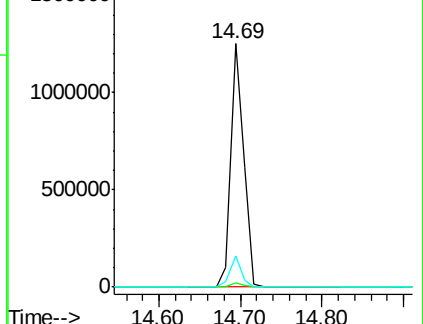
43 11.0 8.9 13.3

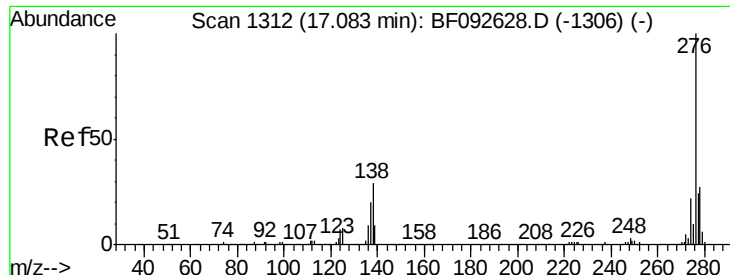


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

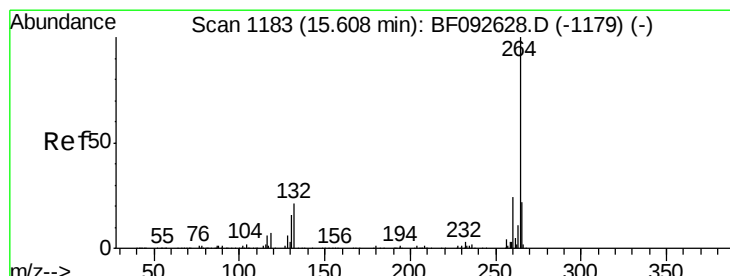
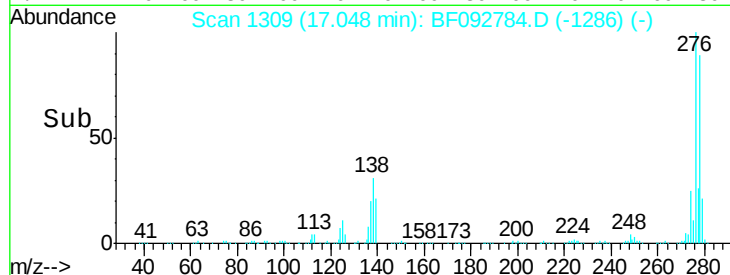
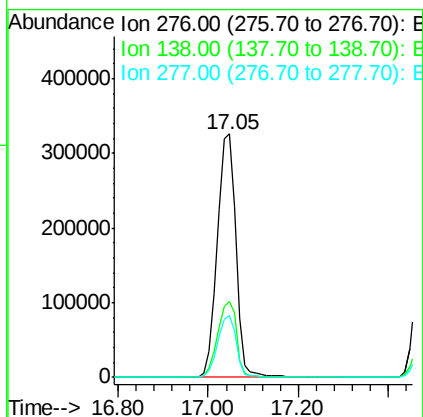
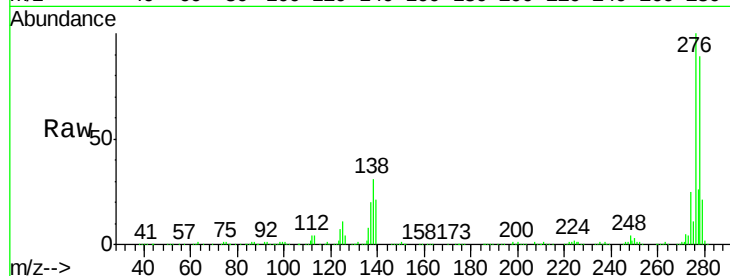




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.20 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

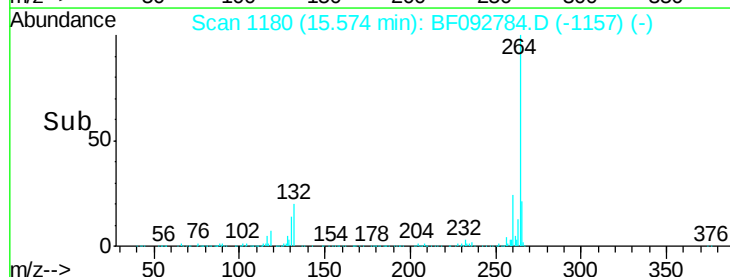
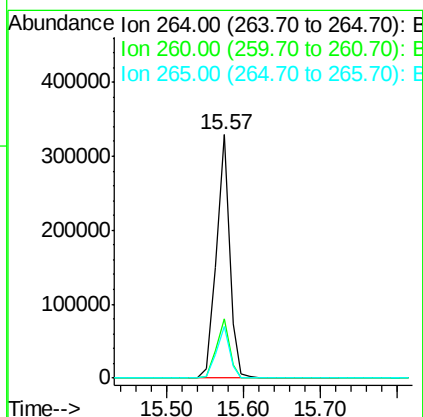
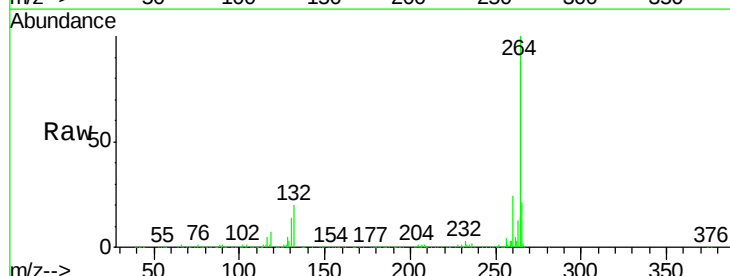
Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

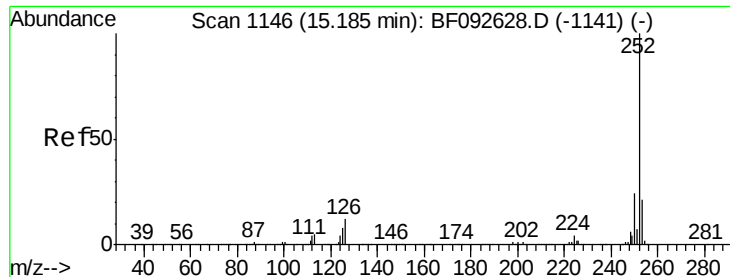
Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.8	21.8	32.6
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1180
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.3	17.4	26.0

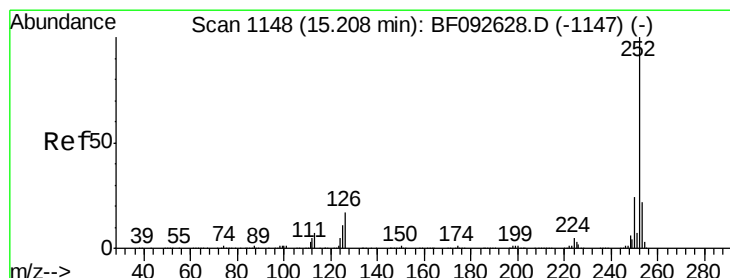
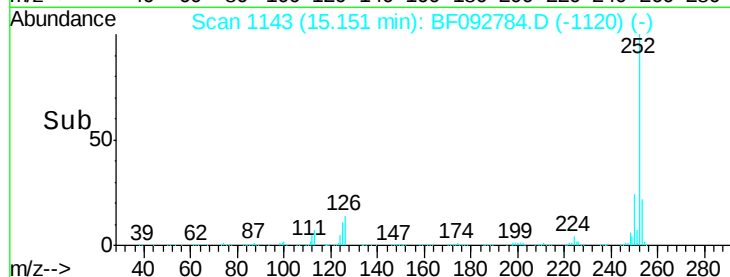
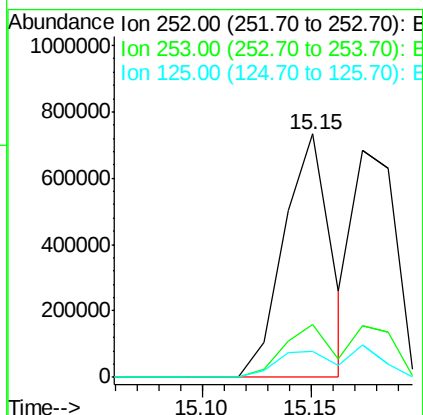
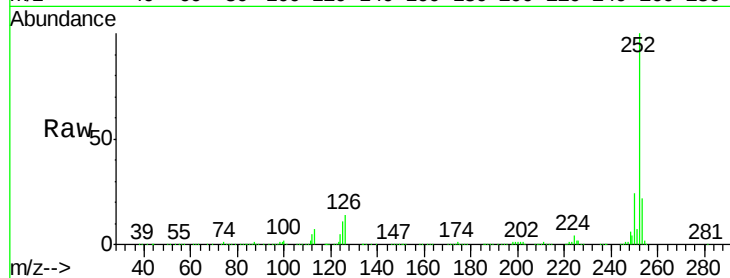




#87
Benzo(b)fluoranthene
Concen: 42.23 ng
RT: 15.15 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

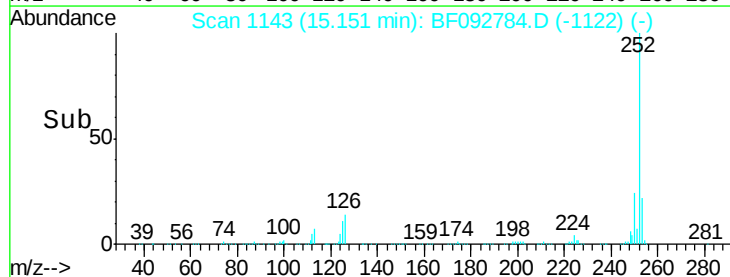
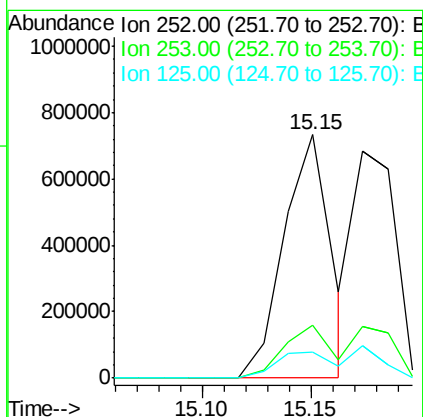
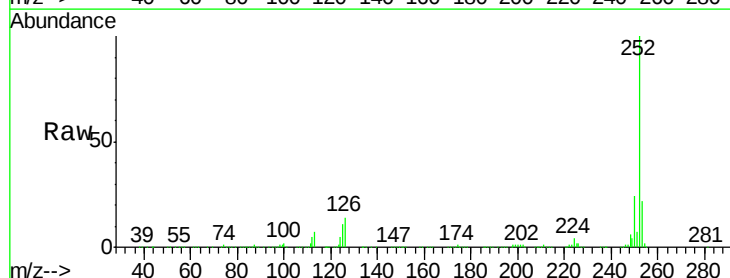
Instrument :
BNA_F
ClientSampleId :
PB96697BS

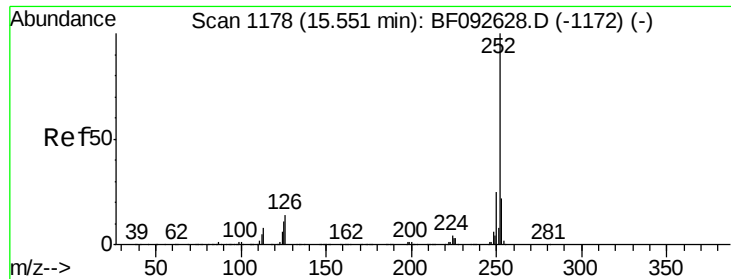
Tgt Ion:252 Resp: 1099759
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 10.6 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 48.91 ng
RT: 15.15 min Scan# 1143
Delta R.T. -0.06 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion:252 Resp: 1099759
Ion Ratio Lower Upper
252 100
253 21.8 18.5 27.7
125 10.6 8.9 13.3

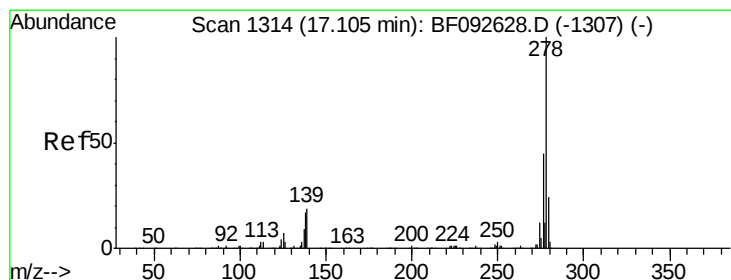
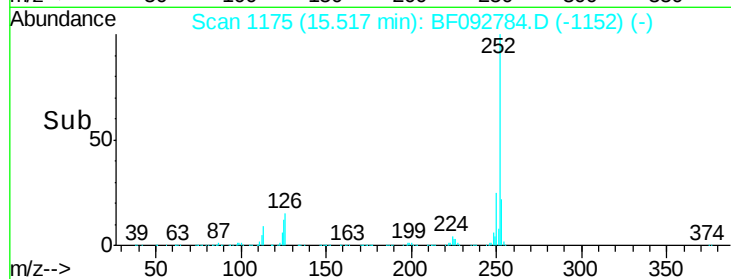
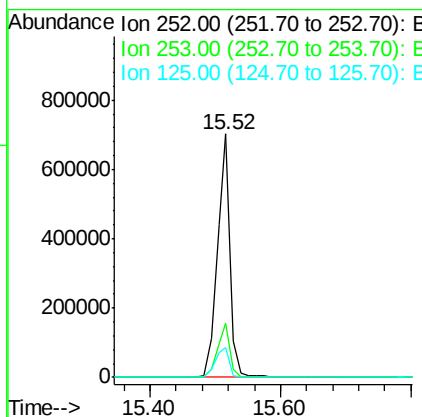
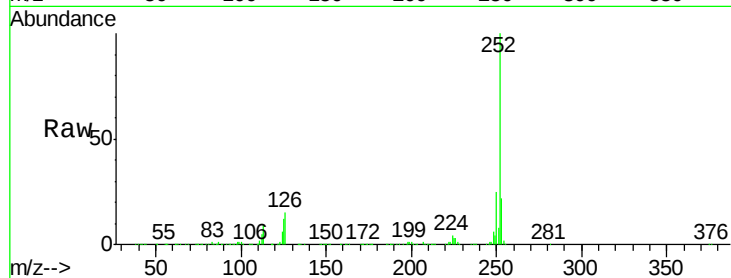




#89
Benzo(a)pyrene
Concen: 42.49 ng
RT: 15.52 min Scan# 1175
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

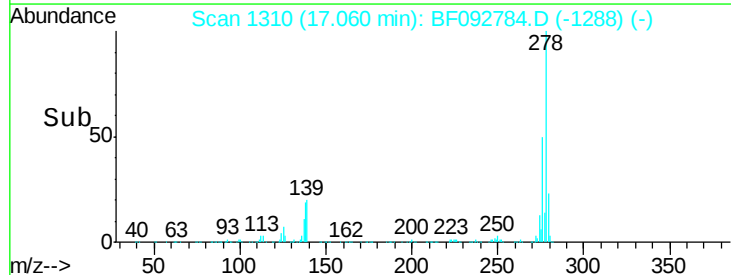
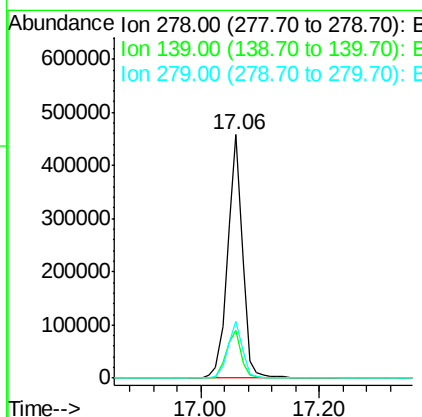
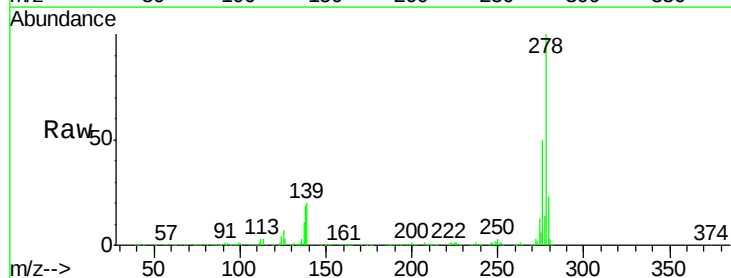
Instrument :
BNA_F
ClientSampleId :
PB96697BS

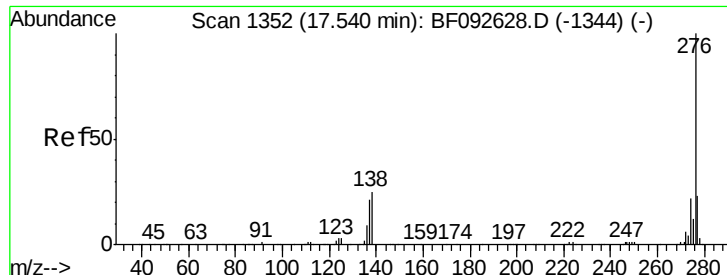
Tgt Ion:252 Resp: 957085
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 12.2 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 43.58 ng
RT: 17.06 min Scan# 1310
Delta R.T. -0.05 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion:278 Resp: 793379
Ion Ratio Lower Upper
278 100
139 19.7 14.8 22.2
279 23.4 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 43.18 ng

RT: 17.49 min Scan# 1348

Delta R.T. -0.05 min

Lab File: BF092784.D

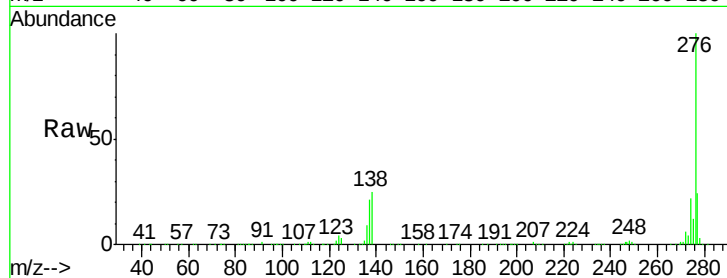
Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS



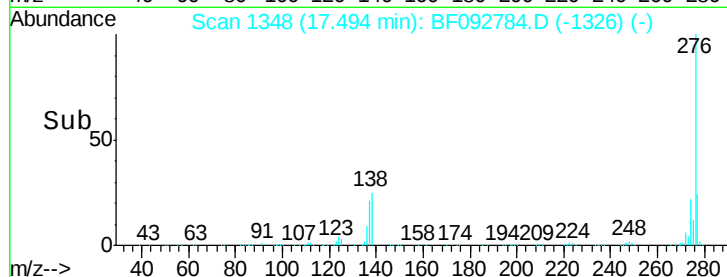
Tgt Ion: 276 Resp: 794195

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 24.6 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

