

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010317\
 Data File : BF092061.D
 Acq On : 3 Jan 2017 15:27
 Operator : UM/SJ
 Sample : PB95719BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95723BS

Quant Time: Jan 04 00:06:24 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	252412	20.00	ng	-0.04
21) Naphthalene-d8	7.96	136	976018	20.00	ng	-0.04
38) Acenaphthene-d10	9.72	164	553928	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	882303	20.00	ng	-0.04
75) Chrysene-d12	13.83	240	691375	20.00	ng	-0.04
86) Perylene-d12	15.20	264	732041	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1826717	120.84	ng	-0.04
7) Phenol-d6	6.34	99	2350876	127.38	ng	-0.04
23) Nitrobenzene-d5	7.25	82	1405049	80.05	ng	-0.04
41) 2,4,6-Tribromophenol	10.50	330	576114	125.67	ng	-0.04
44) 2-Fluorobiphenyl	9.04	172	2268668	83.72	ng	-0.04
78) Terphenyl-d14	12.78	244	2411303	84.59	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	238430	32.04	ng	99
3) Pyridine	2.87	79	695076	26.76	ng	95
4) n-Nitrosodimethylamine	2.84	42	346402	35.35	ng	97
6) Aniline	6.33	93	375929	15.68	ng	# 75
8) 2-Chlorophenol	6.46	128	635833	36.98	ng	94
9) Benzaldehyde	6.22	77	57728	3.98	ng	97
10) Phenol	6.36	94	836081	39.75	ng	# 65
11) bis(2-Chloroethyl)ether	6.41	93	636881	38.06	ng	96
12) 1,3-Dichlorobenzene	6.85	146	601003	32.74	ng	98
13) 1,4-Dichlorobenzene	6.69	146	717554	38.40	ng	96
14) 1,2-Dichlorobenzene	6.69	146	717554	44.26	ng	98
15) Benzyl Alcohol	6.82	79	508452	35.46	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	873360	35.05	ng	69
17) 2-Methylphenol	6.95	107	517054	37.39	ng	95
18) Hexachloroethane	7.18	117	224531	32.41	ng	# 89
19) n-Nitroso-di-n-propylamine	7.10	70	438339	35.70	ng	98
20) 3+4-Methylphenols	7.11	107	655911	39.77	ng	# 73
22) Acetophenone	7.09	105	870142	36.14	ng	93
24) Nitrobenzene	7.26	77	590903	31.61	ng	99
25) Isophorone	7.51	82	1215630	37.54	ng	98
26) 2-Nitrophenol	7.58	139	335158	36.35	ng	97
27) 2,4-Dimethylphenol	7.64	122	613425	40.12	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	782649	39.86	ng	99
29) 2,4-Dichlorophenol	7.83	162	563300	43.50	ng	93
30) 1,2,4-Trichlorobenzene	7.90	180	545059	38.42	ng	96
31) Naphthalene	7.98	128	1760520	39.41	ng	100
32) Benzoic acid	7.78	122	443805	39.13	ng	98
33) 4-Chloroaniline	8.04	127	209998	10.43	ng	98
34) Hexachlorobutadiene	8.10	225	307158	41.01	ng	98
35) Caprolactam	8.42	113	113680	26.72	ng	# 60
36) 4-Chloro-3-methylphenol	8.55	107	649711	43.61	ng	90
37) 2-Methylnaphthalene	8.68	142	1324365	51.68	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	495014	35.37	ng	99
40) Hexachlorocyclopentadiene	8.82	237	505727	81.08	ng	95

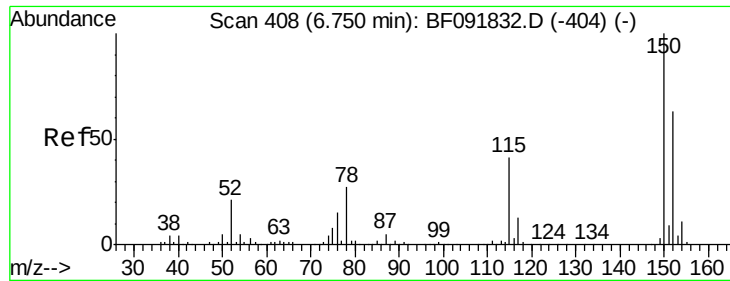
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010317\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	375579	38.37	ng	98
43) 2,4,5-Trichlorophenol	9.02	196	369165	36.65	ng	# 81
45) 1,1'-Biphenyl	9.14	154	1598391	42.14	ng	98
46) 2-Chloronaphthalene	9.17	162	1238897	41.25	ng	96
47) 2-Nitroaniline	9.27	65	436043	40.77	ng	# 84
48) Acenaphthylene	9.58	152	1840941	39.85	ng	99
49) Dimethylphthalate	9.45	163	1312335	37.04	ng	99
50) 2,6-Dinitrotoluene	9.51	165	292793	37.76	ng	# 72
51) Acenaphthene	9.75	154	1167721	37.29	ng	99
52) 3-Nitroaniline	9.68	138	173079	18.04	ng	87
53) 2,4-Dinitrophenol	9.80	184	337266	78.17	ng	# 83
54) Dibenzofuran	9.92	168	1509501	35.69	ng	100
55) 4-Nitrophenol	9.88	139	487554	74.83	ng	99
56) 2,4-Dinitrotoluene	9.92	165	418594	43.01	ng	97
57) Fluorene	10.26	166	1275772	41.46	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	341617	42.88	ng	99
59) Diethylphthalate	10.15	149	1287652	37.42	ng	100
60) 4-Chlorophenyl-phenylether	10.25	204	520467	38.63	ng	98
61) 4-Nitroaniline	10.30	138	329362	33.12	ng	97
62) Azobenzene	10.41	77	1496832	39.51	ng	98
64) 4,6-Dinitro-2-methylphenol	10.33	198	244568	45.84	ng	94
65) n-Nitrosodiphenylamine	10.38	169	1080644	41.28	ng	99
66) 4-Bromophenyl-phenylether	10.74	248	355063	38.69	ng	100
67) Hexachlorobenzene	10.81	284	400252	40.80	ng	92
68) Atrazine	10.92	200	323389	38.29	ng	98
69) Pentachlorophenol	11.01	266	388068	80.62	ng	99
70) Phenanthrene	11.22	178	2047042	42.79	ng	99
71) Anthracene	11.27	178	1778459	40.53	ng	100
72) Carbazole	11.43	167	1587096	37.50	ng	99
73) Di-n-butylphthalate	11.77	149	2183686	48.49	ng	98
74) Fluoranthene	12.40	202	1911850	45.60	ng	99
76) Benzidine	12.53	184	581072	30.45	ng	98
77) Pyrene	12.63	202	2078194	40.97	ng	99
79) Butylbenzylphthalate	13.26	149	879793	38.13	ng	99
80) Benzo(a)anthracene	13.82	228	1772368	45.41	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	412395	27.87	ng	99
82) Chrysene	13.85	228	1428179	36.48	ng	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	1155469	42.53	ng	# 94
84) Di-n-octyl phthalate	14.44	149	2051438	40.76	ng	99
85) Indeno(1,2,3-cd)pyrene	16.51	276	1472573	43.42	ng	99
87) Benzo(b)fluoranthene	14.86	252	3308497	72.59	ng	# 96
88) Benzo(k)fluoranthene	14.86	252	3309338	85.15	ng	# 97
89) Benzo(a)pyrene	15.16	252	1530152	37.83	ng	99
90) Dibenzo(a,h)anthracene	16.52	278	1210527	36.41	ng	99
91) Benzo(g,h,i)perylene	16.89	276	1209554	34.99	ng	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.04 min

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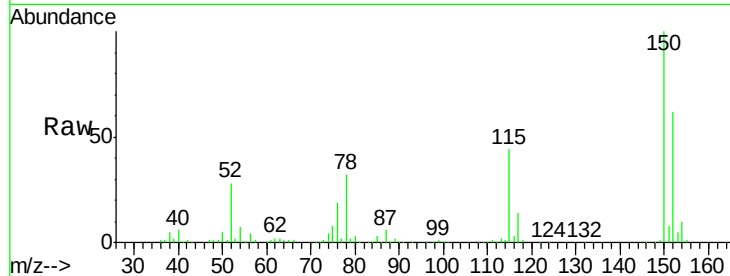
Tgt Ion:152 Resp: 252412

Ion Ratio Lower Upper

152 100

150 160.2 124.9 187.3

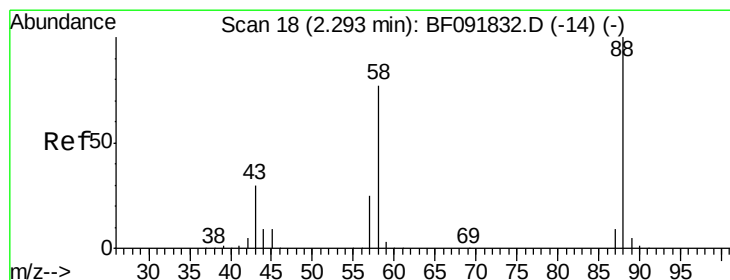
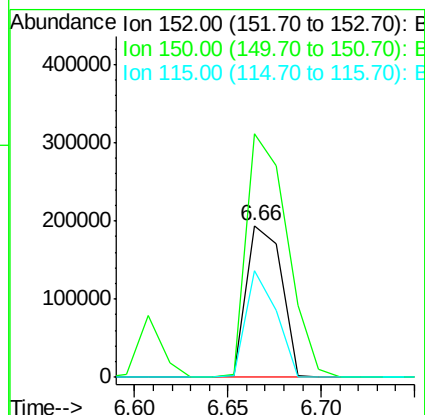
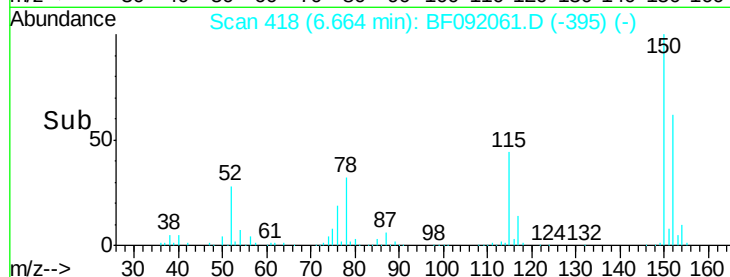
115 70.3 46.0 69.0#



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: 32.04 ng

RT: 2.22 min Scan# 29

Delta R.T. 0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

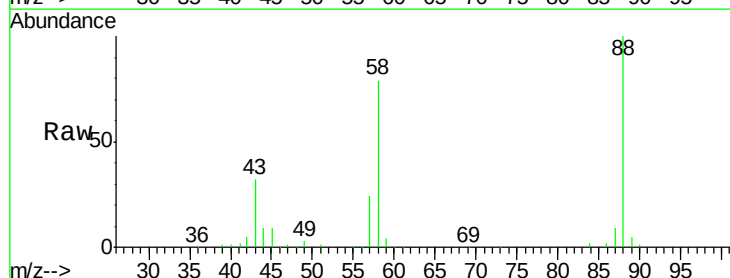
Tgt Ion: 88 Resp: 238430

Ion Ratio Lower Upper

88 100

58 73.6 57.8 86.8

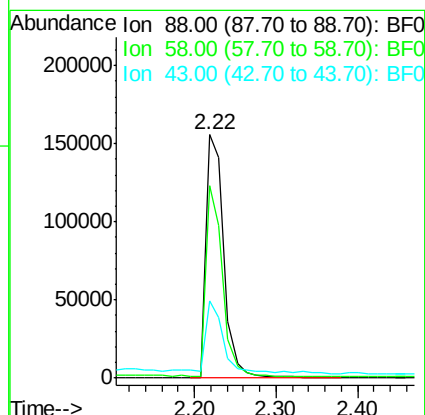
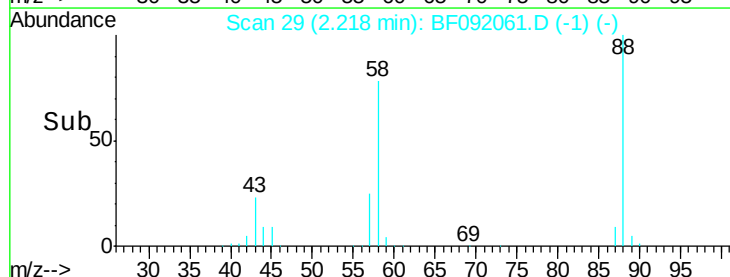
43 27.4 22.3 33.5

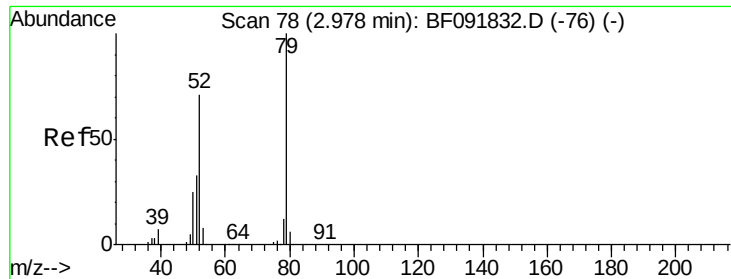


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.76 ng

RT: 2.87 min Scan# 86

Delta R.T. 0.01 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

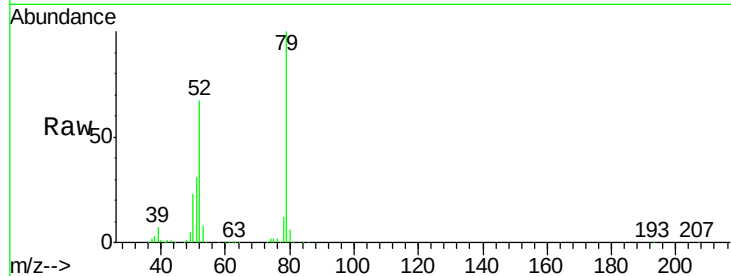
Tgt Ion: 79 Resp: 695076

Ion Ratio Lower Upper

79 100

52 67.3 57.1 85.7

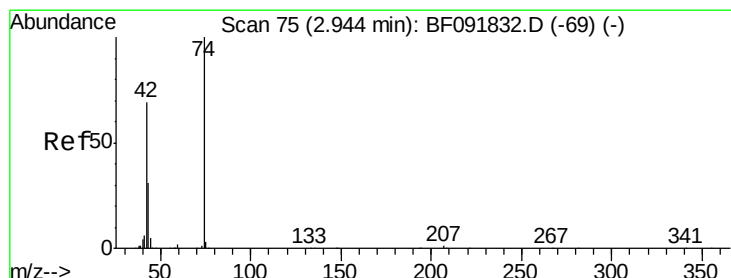
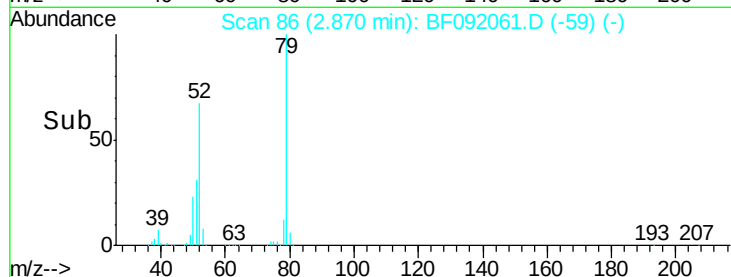
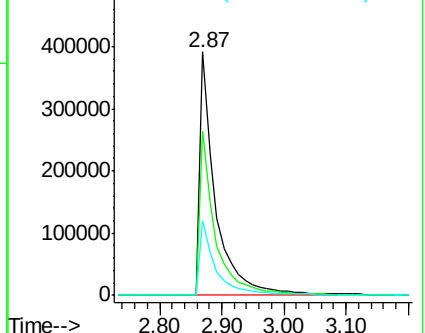
51 30.9 27.3 40.9



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: 35.35 ng

RT: 2.84 min Scan# 83

Delta R.T. 0.01 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

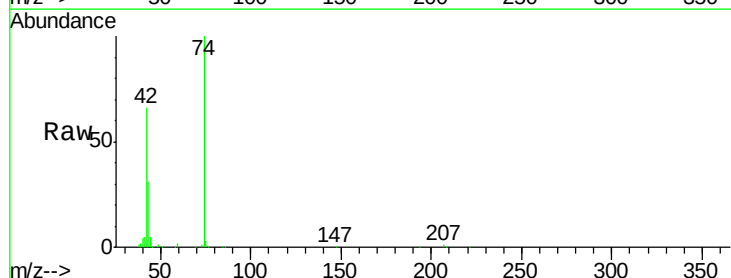
Tgt Ion: 42 Resp: 346402

Ion Ratio Lower Upper

42 100

74 150.6 117.0 175.4

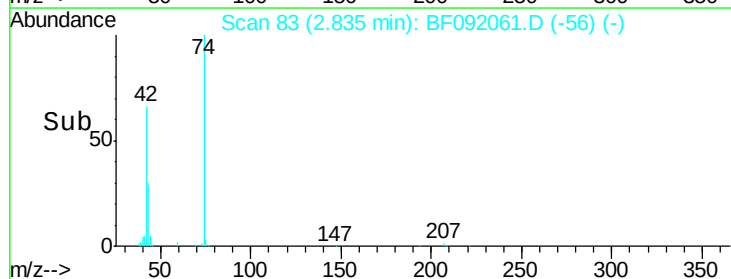
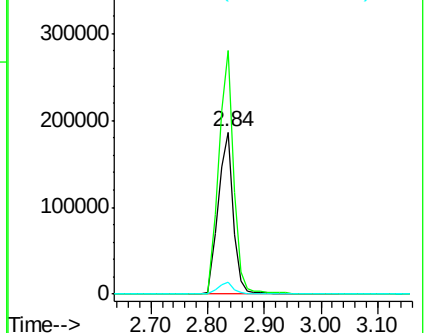
44 7.4 5.5 8.3

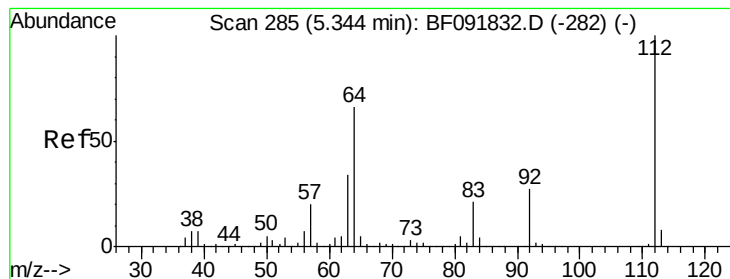


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 120.84 ng

RT: 5.28 min Scan# 297

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

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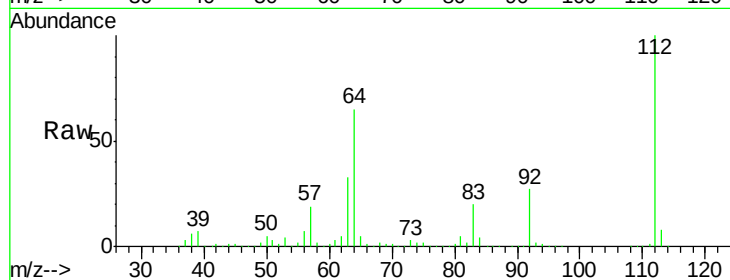
Tgt Ion: 112 Resp: 1826717

Ion Ratio Lower Upper

112 100

64 64.6 46.1 69.1

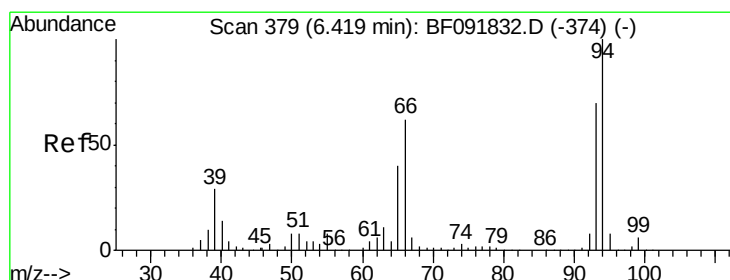
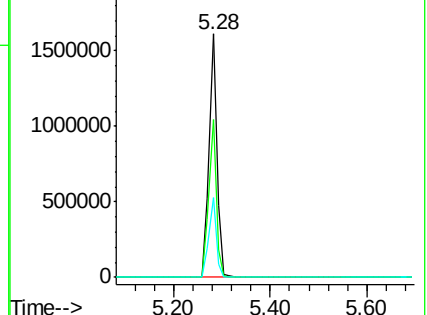
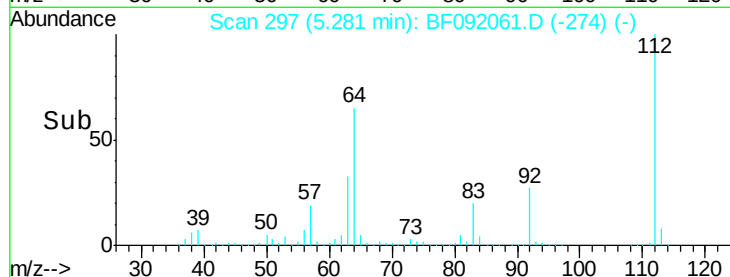
63 32.9 23.8 35.6



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: 15.68 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

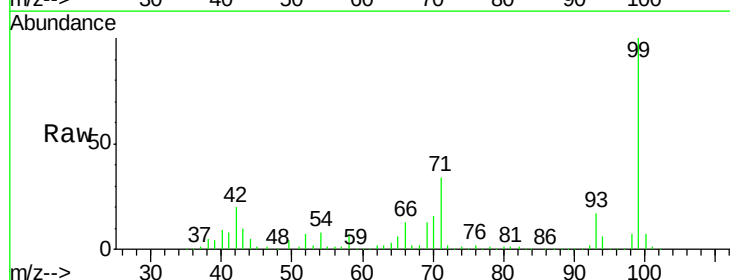
Tgt Ion: 93 Resp: 375929

Ion Ratio Lower Upper

93 100

66 77.6 76.2 114.2

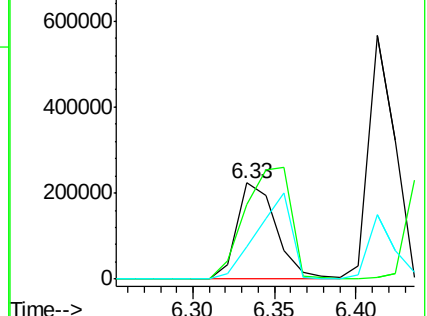
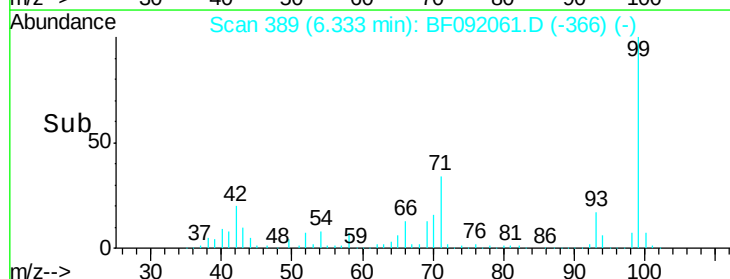
65 33.9 49.3 73.9#

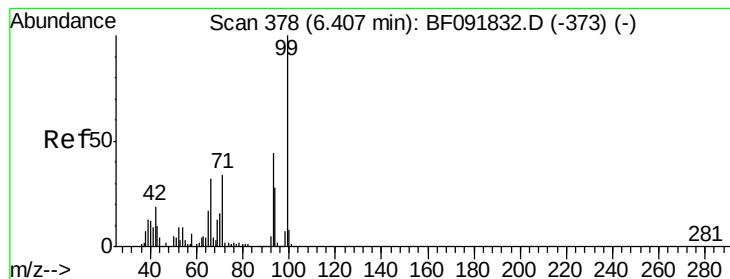


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.38 ng

RT: 6.34 min Scan# 390

Delta R.T. -0.04 min

Lab File: BF092061.D

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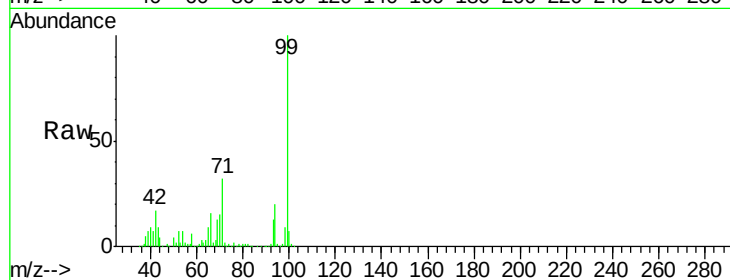
Tgt Ion: 99 Resp: 2350876

Ion Ratio Lower Upper

99 100

42 16.8 15.6 23.4

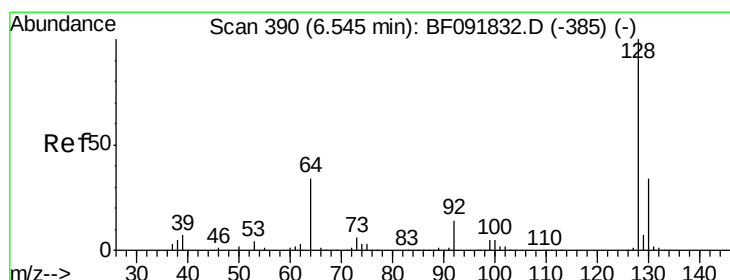
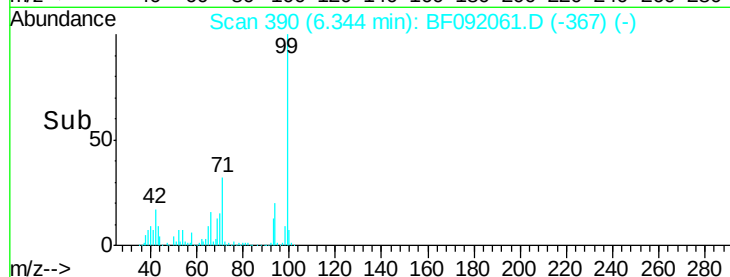
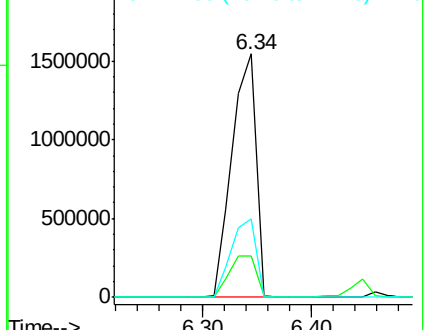
71 32.5 27.5 41.3



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: 36.98 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

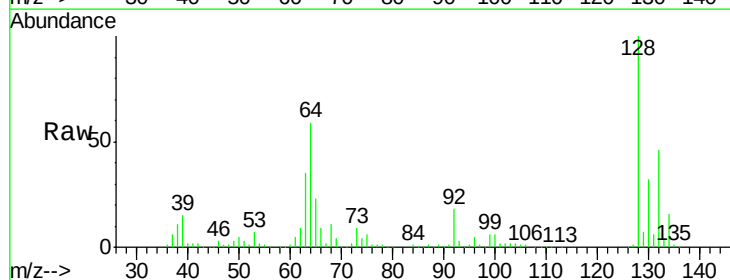
Tgt Ion: 128 Resp: 635833

Ion Ratio Lower Upper

128 100

130 31.9 12.3 52.3

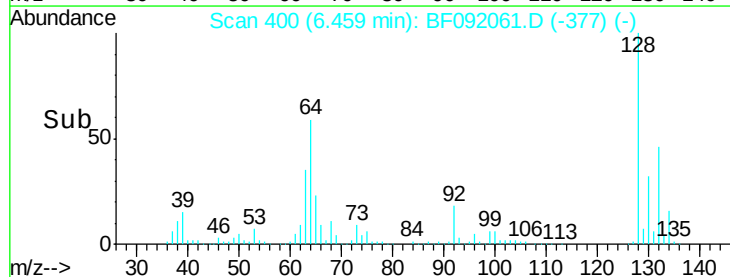
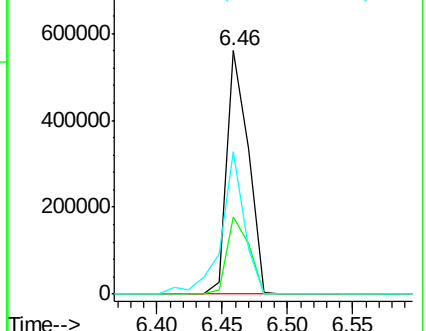
64 58.8 32.2 72.2

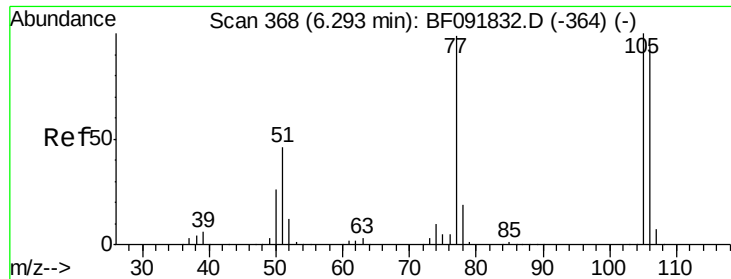


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.98 ng

RT: 6.22 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

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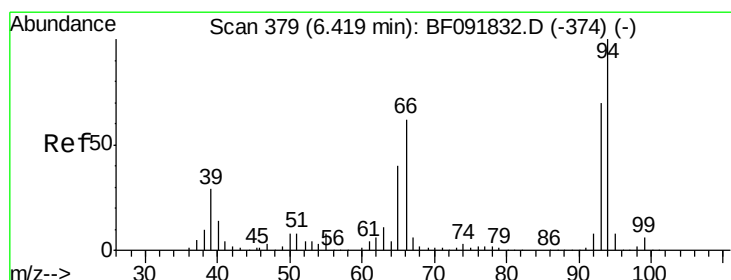
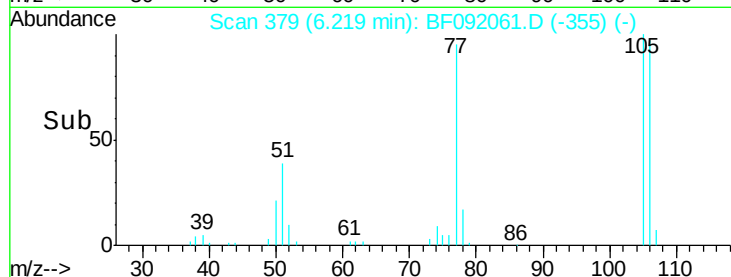
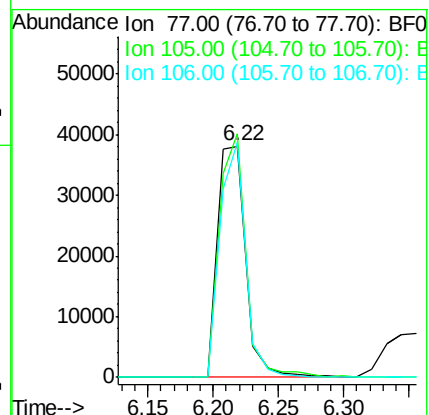
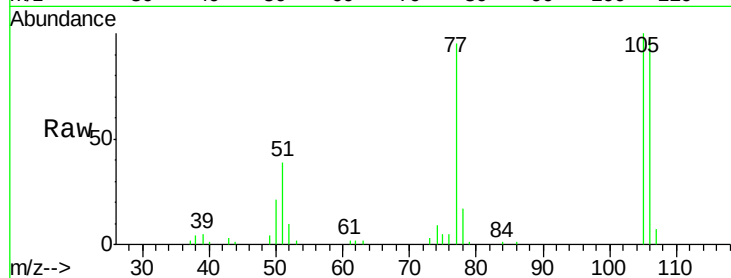
Tgt Ion: 77 Resp: 57728

Ion Ratio Lower Upper

77 100

105 105.5 83.9 123.9

106 101.8 77.6 117.6



#10

Phenol

Concen: 39.75 ng

RT: 6.36 min Scan# 391

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

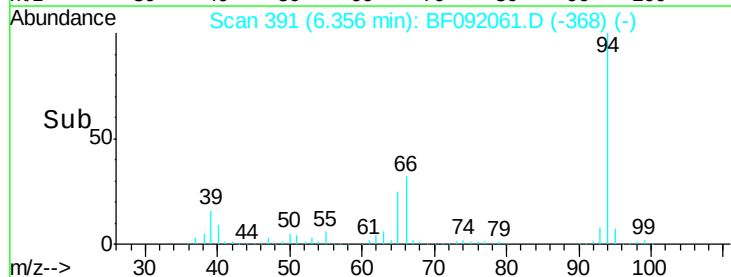
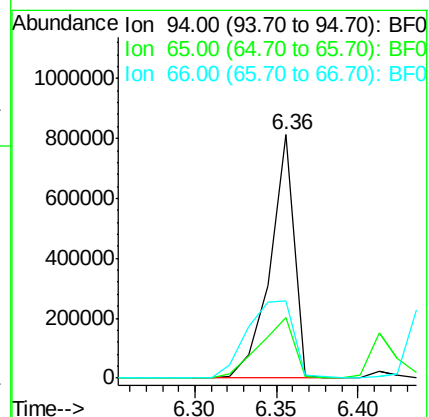
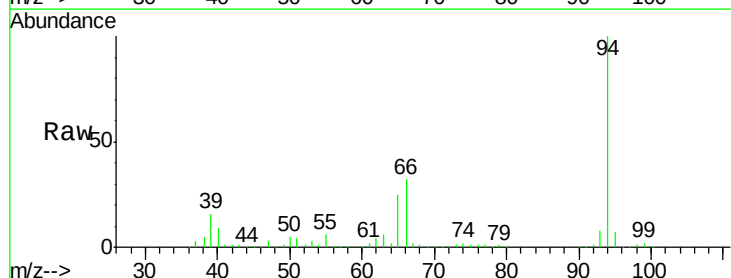
Tgt Ion: 94 Resp: 836081

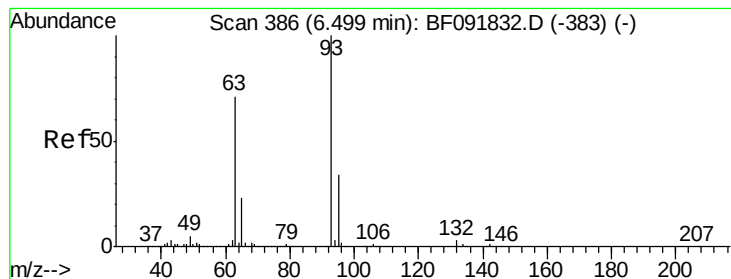
Ion Ratio Lower Upper

94 100

65 24.7 21.4 61.4

66 31.9 44.0 84.0#

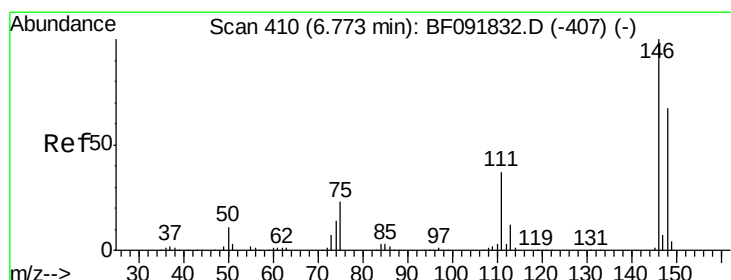
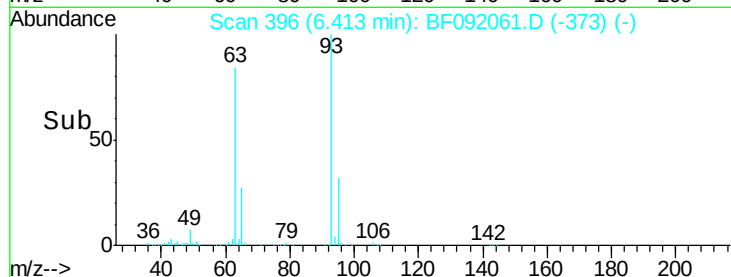
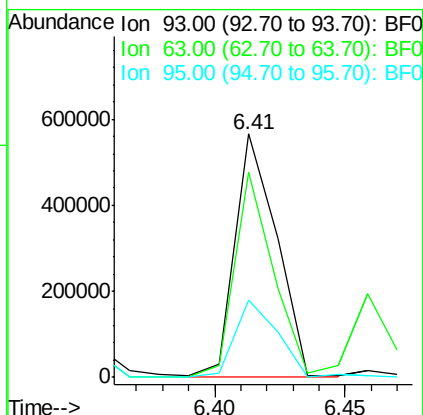
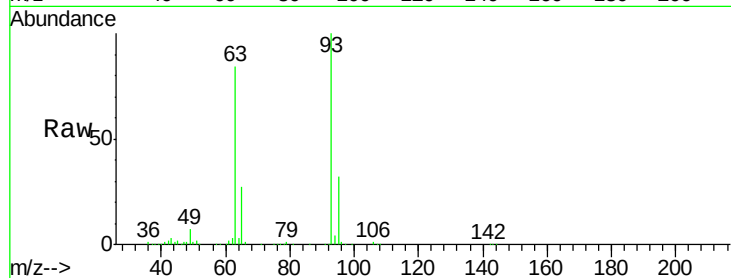




#11
bis(2-Chloroethyl)ether
Concen: 38.06 ng
RT: 6.41 min Scan# 396
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

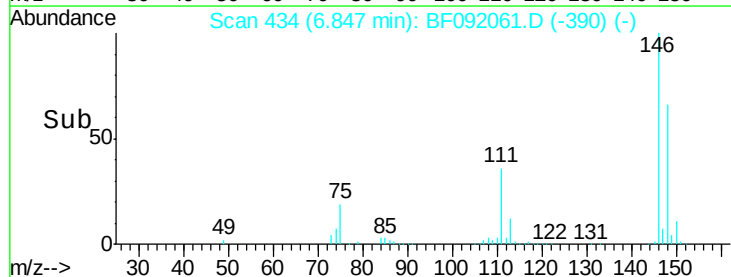
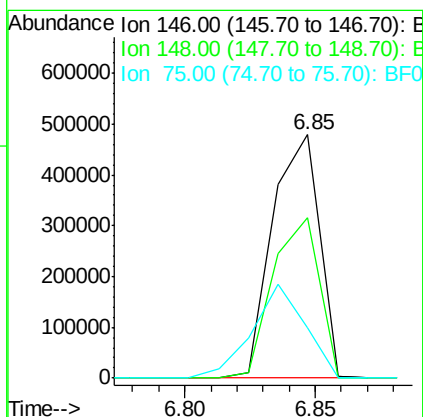
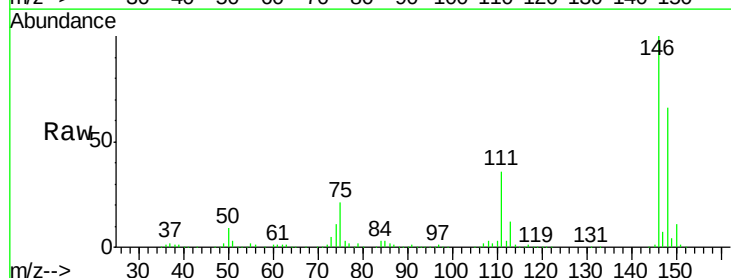
Instrument :
BNA_F
ClientSampleId :
PB95723BS

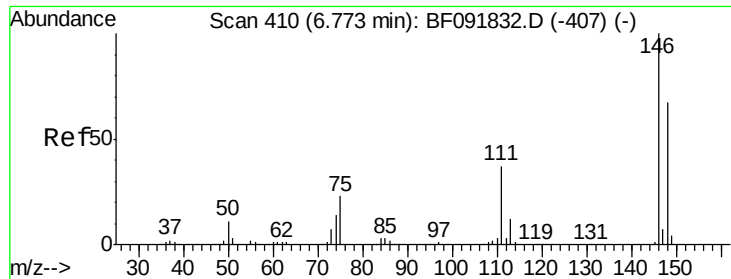
Tgt Ion: 93 Resp: 636881
Ion Ratio Lower Upper
93 100
63 84.4 60.4 100.4
95 31.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 32.74 ng
RT: 6.85 min Scan# 434
Delta R.T. 0.20 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion: 146 Resp: 601003
Ion Ratio Lower Upper
146 100
148 65.7 53.4 80.0
75 20.7 18.5 27.7

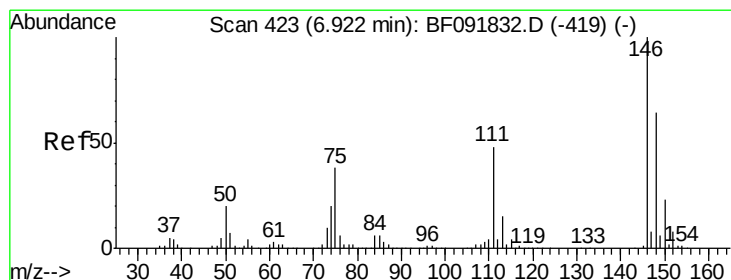
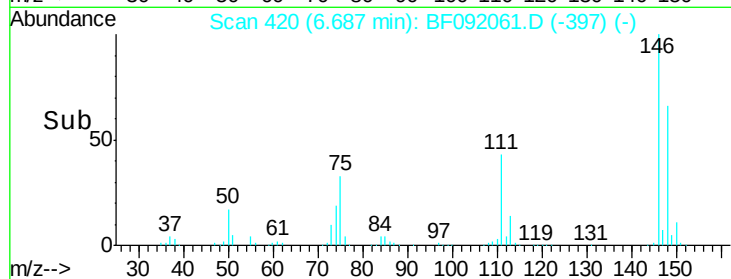
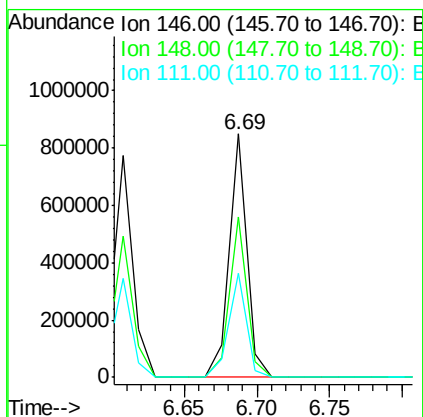
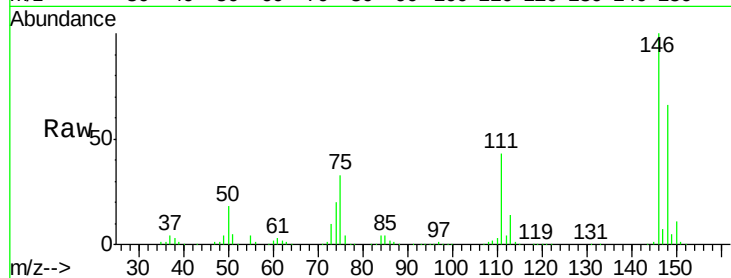




#13
 1,4-Dichlorobenzene
 Concen: 38.40 ng
 RT: 6.69 min Scan# 420
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

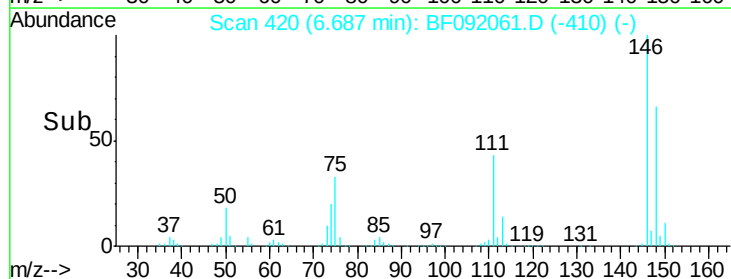
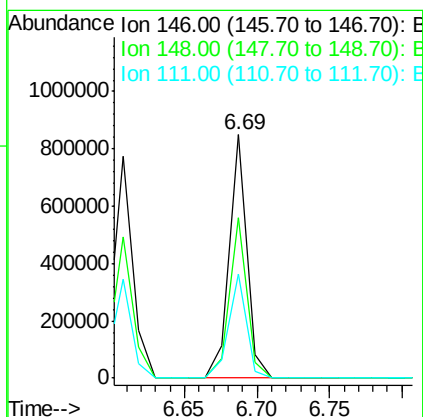
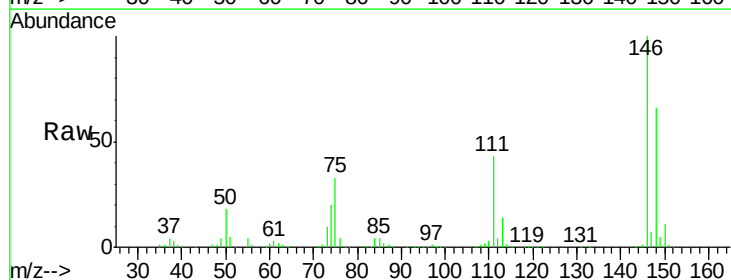
Instrument :
 BNA_F
 ClientSampleId :
 PB95723BS

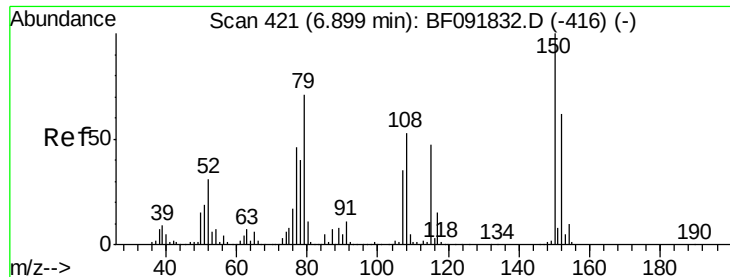
Tgt Ion:146 Resp: 717554
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.6 76.0
 111 42.5 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 44.26 ng
 RT: 6.69 min Scan# 420
 Delta R.T. -0.19 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Tgt Ion:146 Resp: 717554
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.2 78.2
 111 42.5 36.2 54.2

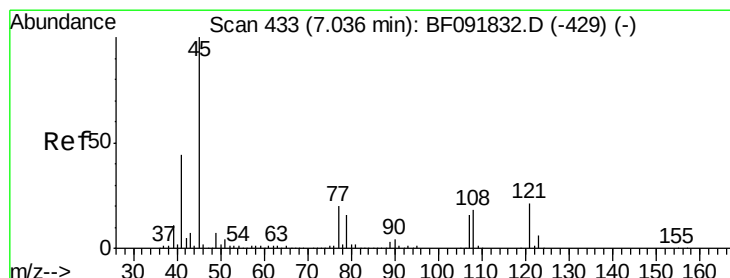
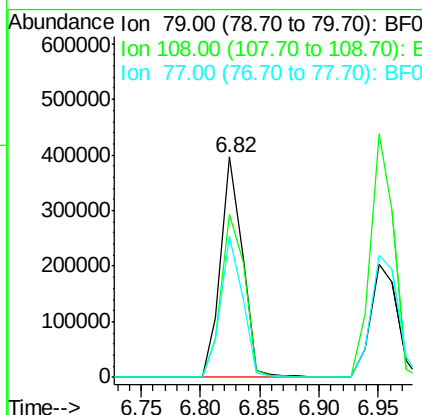
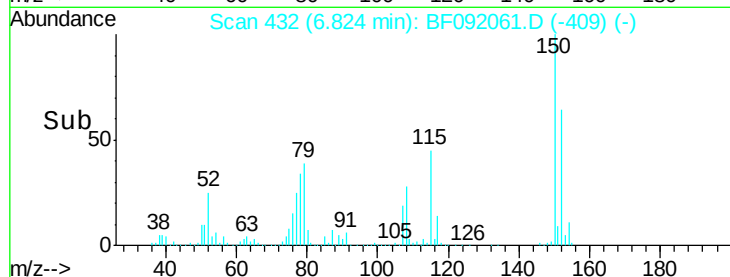
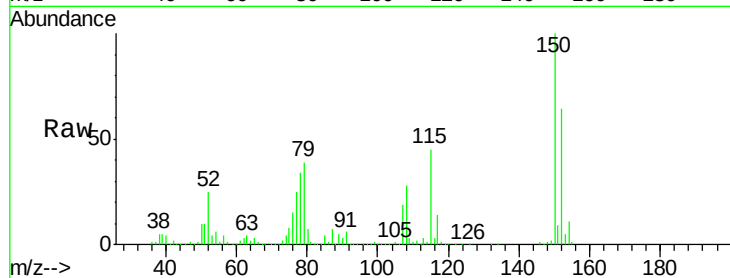




#15
Benzyl Alcohol
Concen: 35.46 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

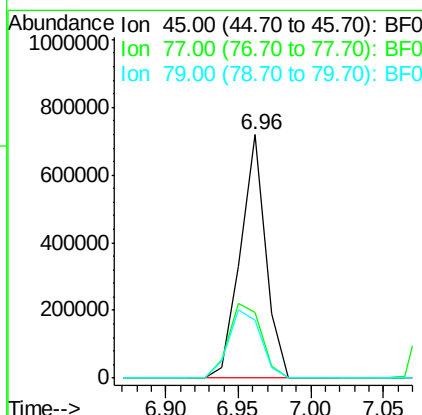
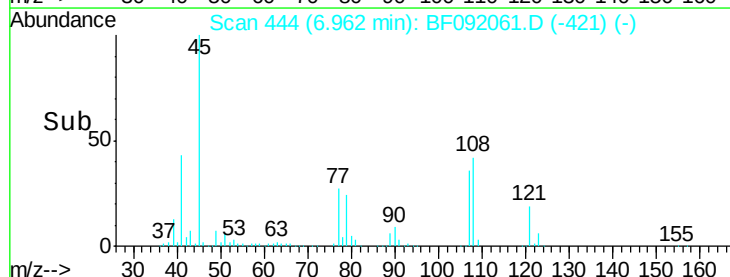
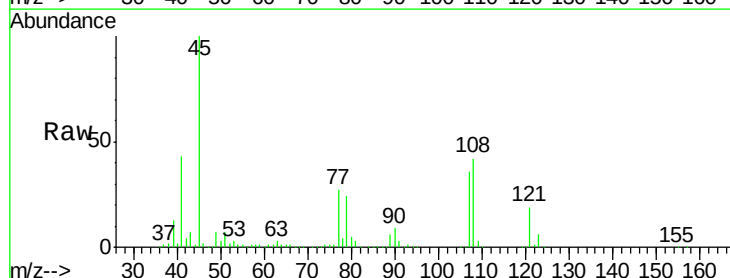
Instrument :
BNA_F
ClientSampleID :
PB95723BS

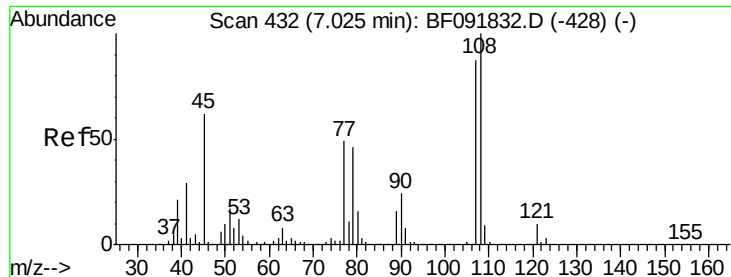
Tgt Ion: 79 Resp: 508452
Ion Ratio Lower Upper
79 100
108 73.6 61.4 92.0
77 64.2 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.05 ng
RT: 6.96 min Scan# 444
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion: 45 Resp: 873360
Ion Ratio Lower Upper
45 100
77 26.9 0.0 34.6
79 23.8 0.0 31.2

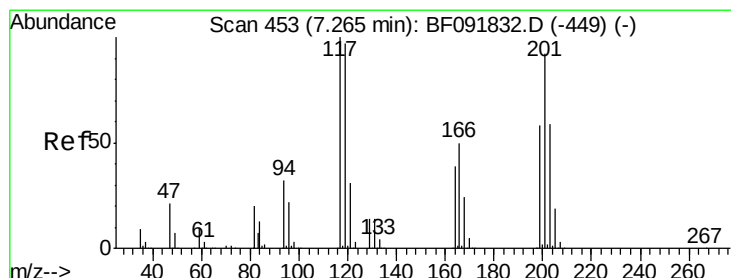
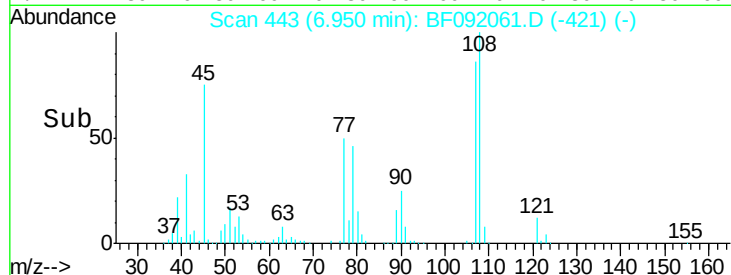
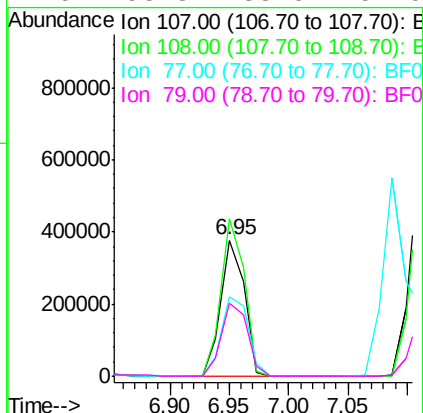
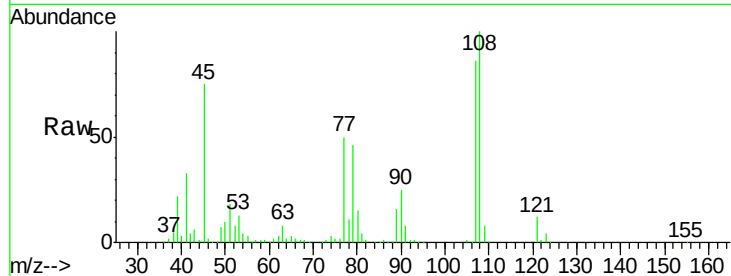




#17
2-Methylphenol
Concen: 37.39 ng
RT: 6.95 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

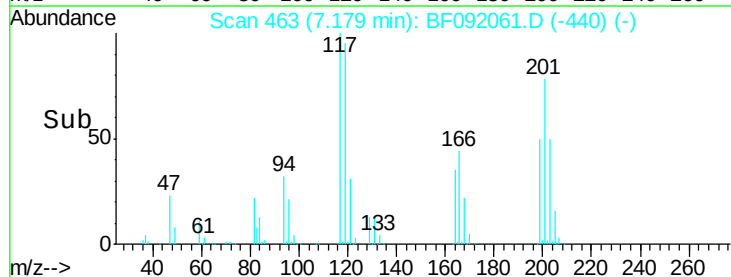
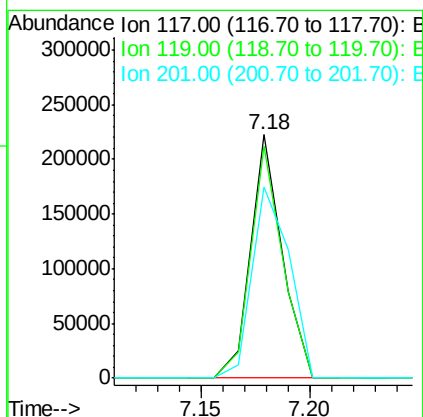
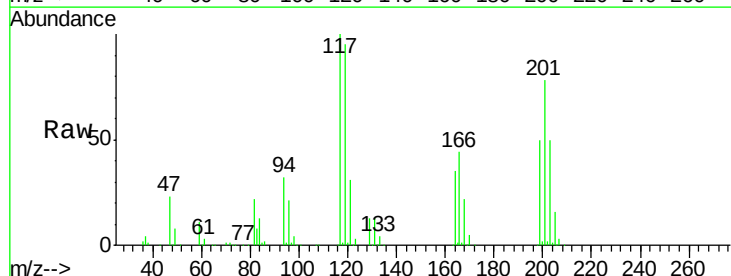
Instrument :
BNA_F
ClientSampleId :
PB95723BS

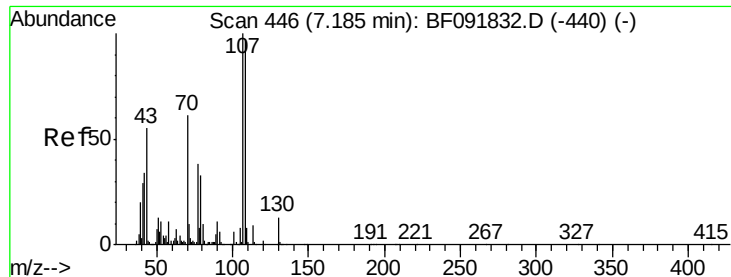
Tgt Ion:	107	Resp:	517054
Ion	Ratio	Lower	Upper
107	100		
108	116.3	93.0	139.6
77	58.5	39.8	59.8
79	53.8	38.0	57.0



#18
Hexachloroethane
Concen: 32.41 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion:	117	Resp:	224531
Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.1	117.1
201	78.3	78.6	117.8#

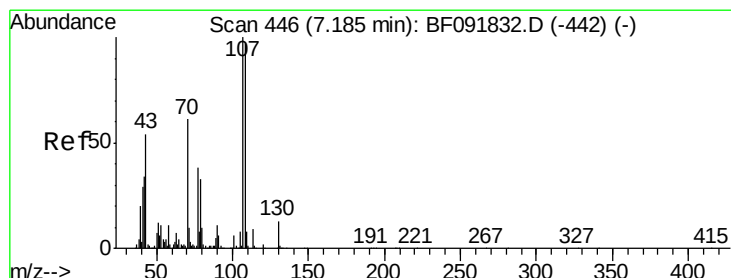
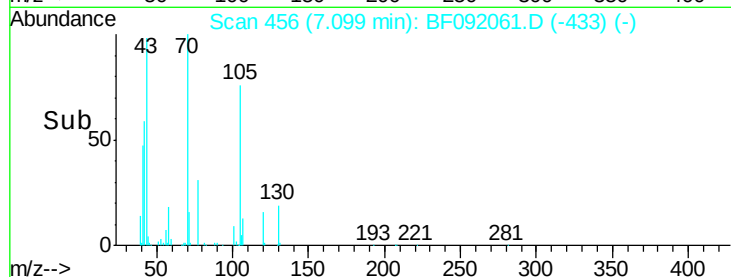
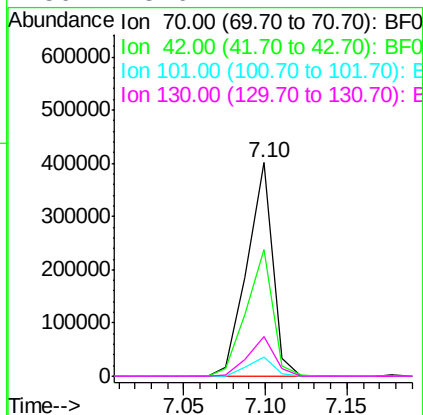
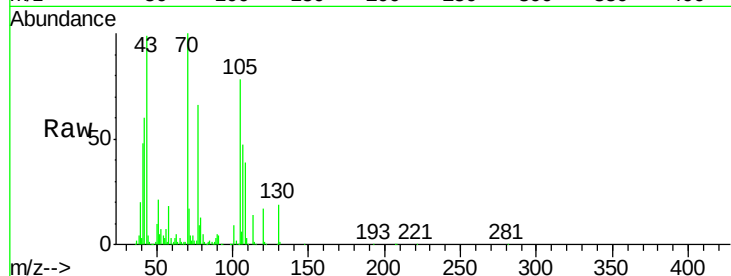




#19
n-Nitroso-di-n-propylamine
Concen: 35.70 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

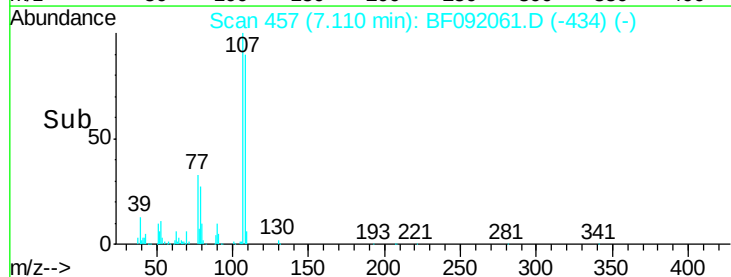
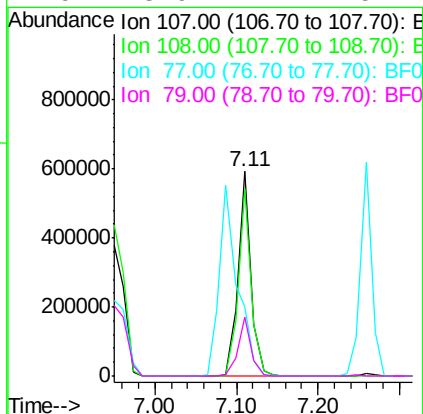
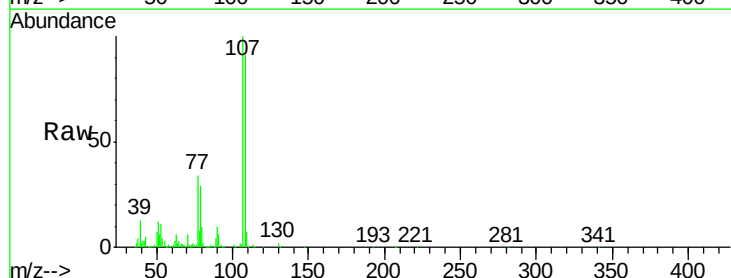
Instrument :
BNA_F
ClientSampleId :
PB95723BS

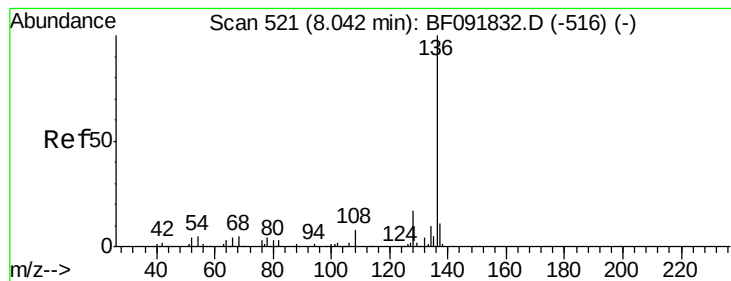
Tgt Ion:	70	Resp:	438339
Ion	Ratio	Lower	Upper
70	100		
42	59.5	49.4	74.0
101	9.0	7.4	11.2
130	18.6	14.2	21.4



#20
3+4-Methylphenols
Concen: 39.77 ng
RT: 7.11 min Scan# 457
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion:	107	Resp:	655911
Ion	Ratio	Lower	Upper
107	100		
108	91.3	73.0	113.0
77	33.9	71.3	111.3#
79	28.9	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 531

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

Tgt Ion:136 Resp: 976018

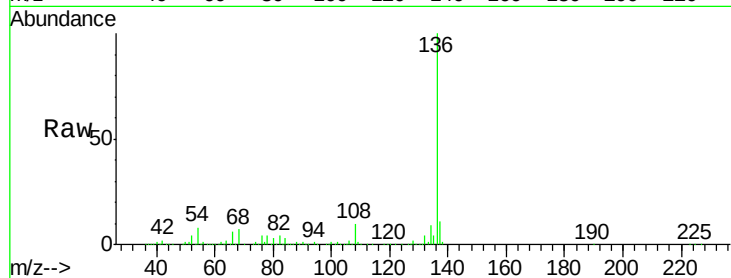
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 8.4 4.5 6.7#

68 6.5 3.6 5.4#

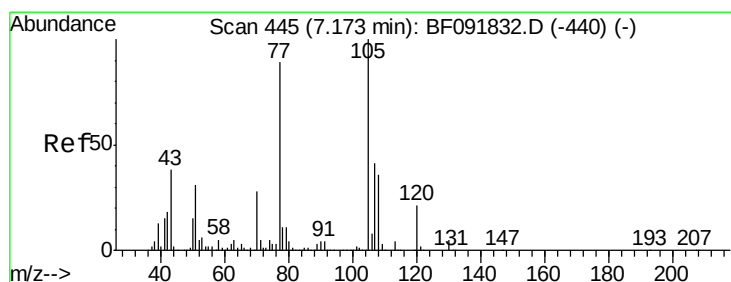
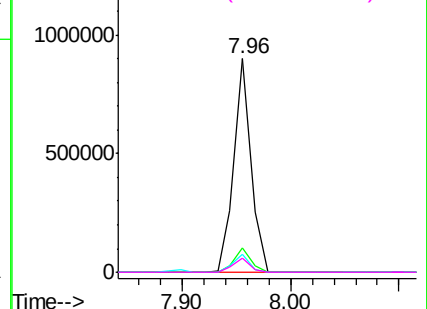
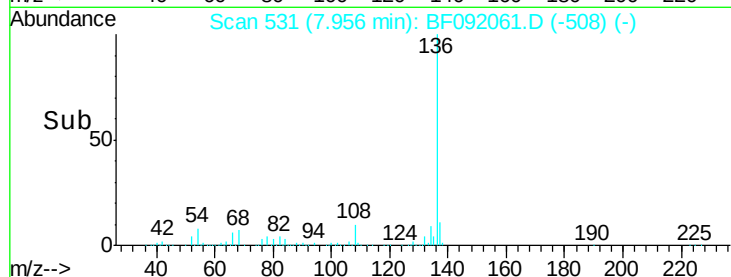


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.14 ng

RT: 7.09 min Scan# 455

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Tgt Ion:105 Resp: 870142

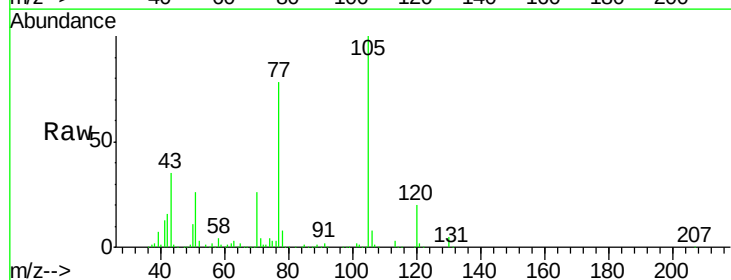
Ion Ratio Lower Upper

105 100

71 4.3 3.2 4.8

51 26.5 26.2 39.4

120 20.3 16.6 24.8

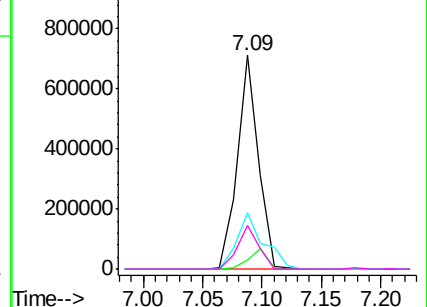
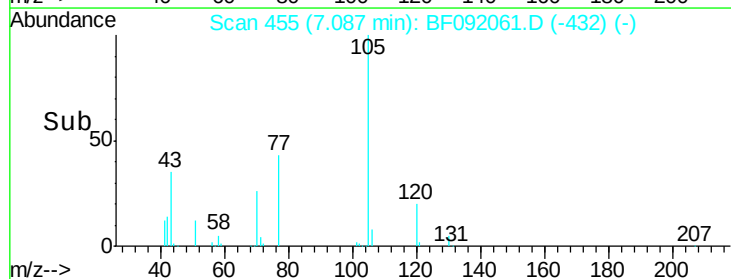


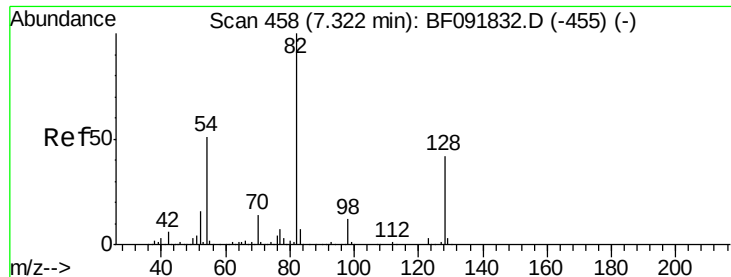
Abundance Ion 105.00 (104.70 to 105.70): E

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: 80.05 ng

RT: 7.25 min Scan# 469

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

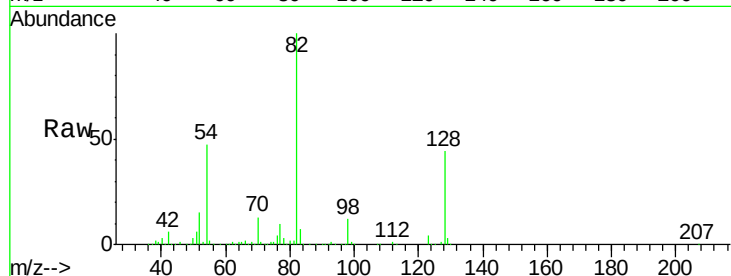
Tgt Ion: 82 Resp: 1405049

Ion Ratio Lower Upper

82 100

128 44.4 34.6 52.0

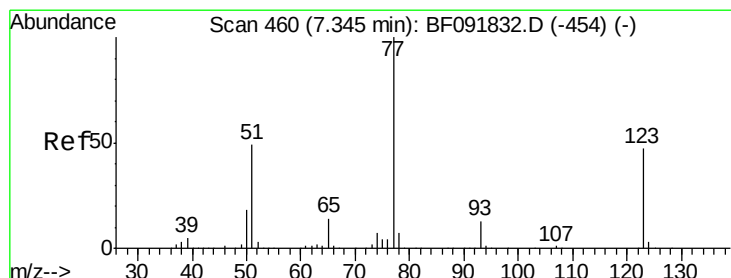
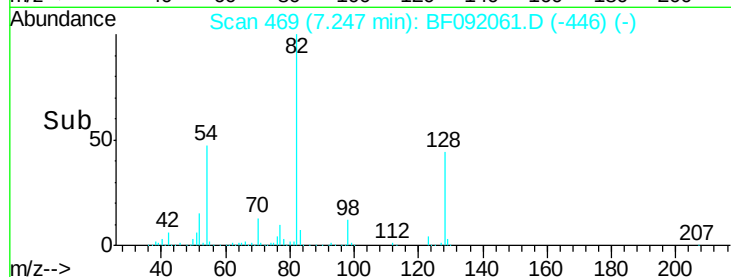
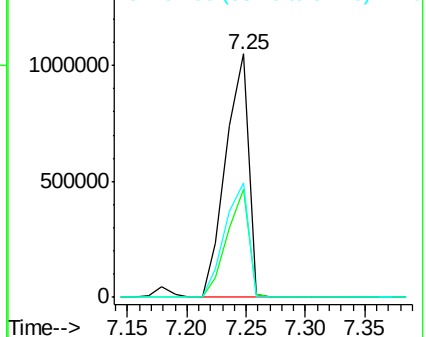
54 47.1 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 31.61 ng

RT: 7.26 min Scan# 470

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

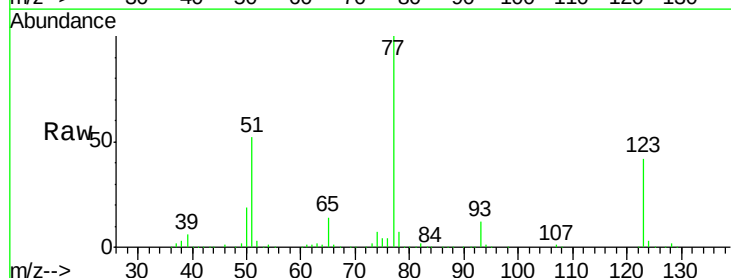
Tgt Ion: 77 Resp: 590903

Ion Ratio Lower Upper

77 100

123 42.1 33.0 49.4

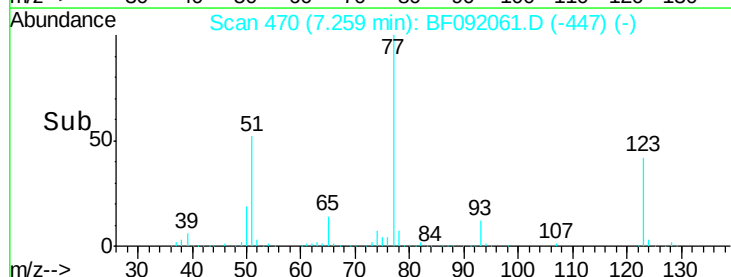
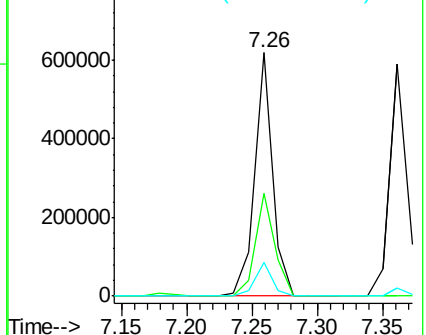
65 13.6 11.2 16.8

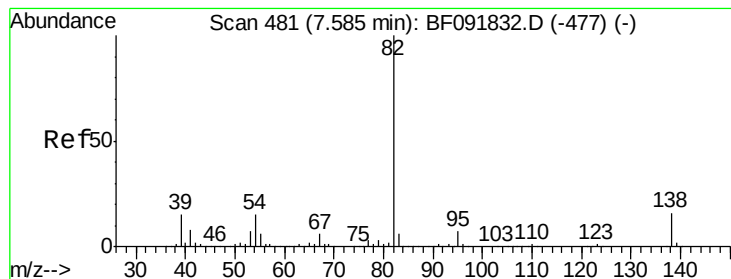


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.54 ng

RT: 7.51 min Scan# 492

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampled :

PB95723BS

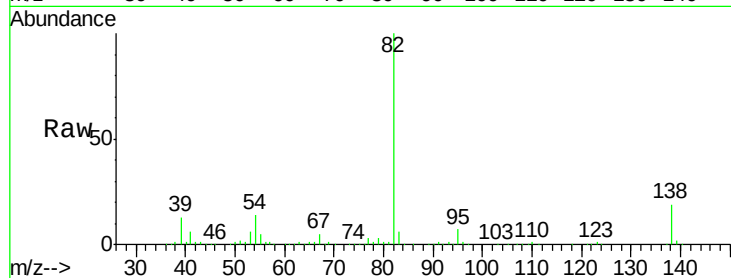
Tgt Ion: 82 Resp: 1215630

Ion Ratio Lower Upper

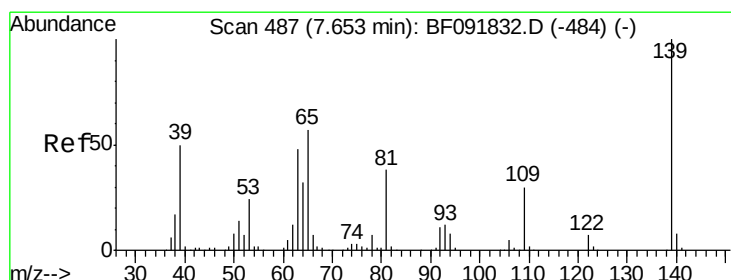
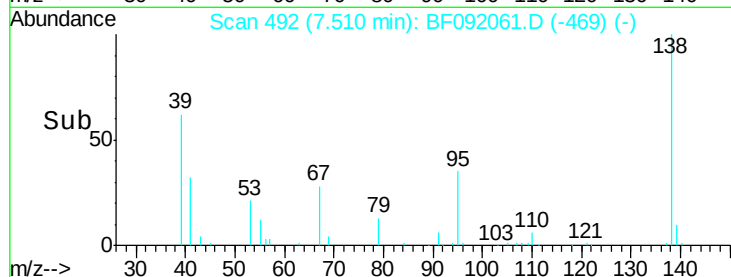
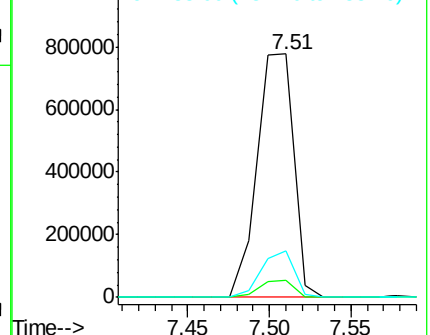
82 100

95 6.8 5.6 8.4

138 19.2 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: 36.35 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

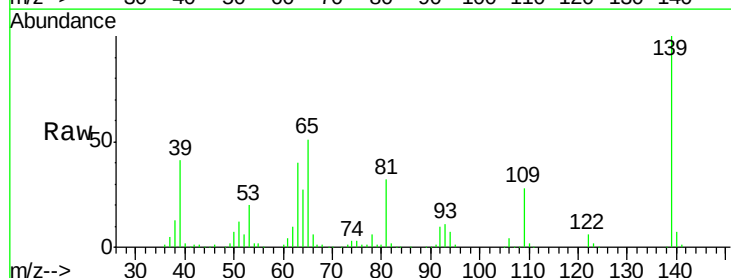
Tgt Ion: 139 Resp: 335158

Ion Ratio Lower Upper

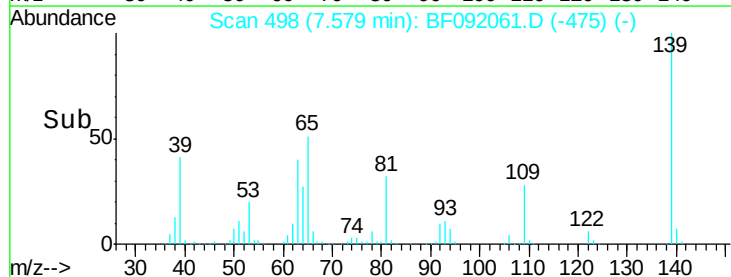
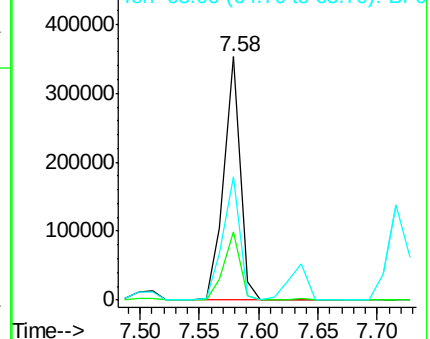
139 100

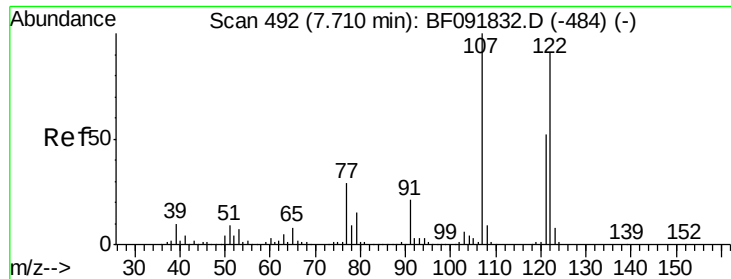
109 27.8 23.3 34.9

65 50.7 42.7 64.1



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

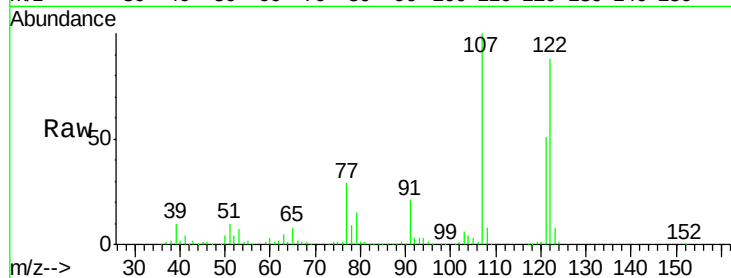




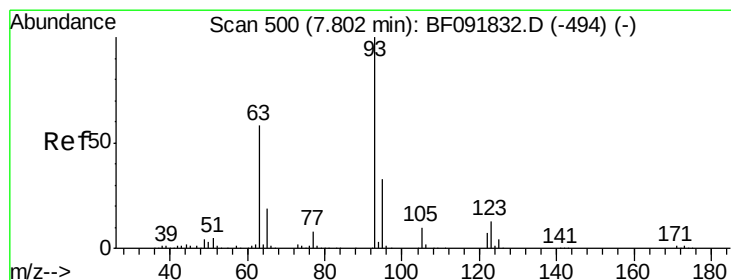
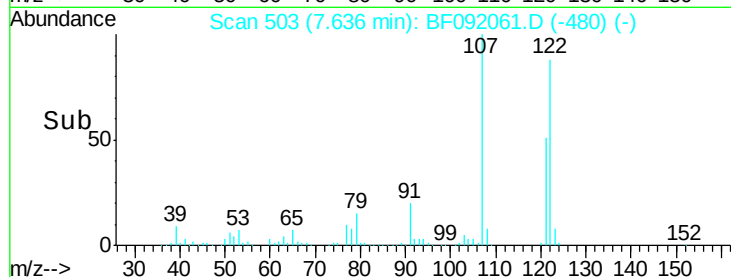
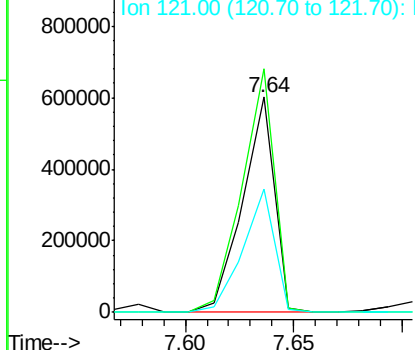
#27
 2,4-Dimethylphenol
 Concen: 40.12 ng
 RT: 7.64 min Scan# 503
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB95723BS

Tgt Ion: 122 Resp: 613425
 Ion Ratio Lower Upper
 122 100
 107 113.2 94.1 141.1
 121 57.3 46.0 69.0

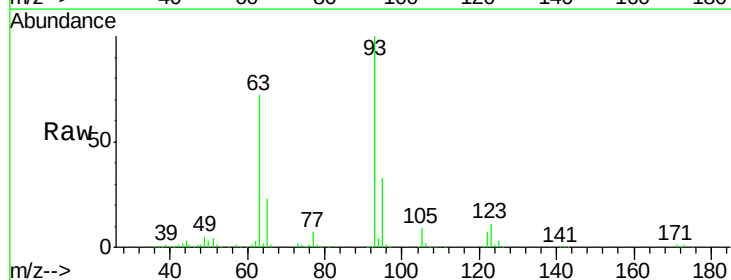


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

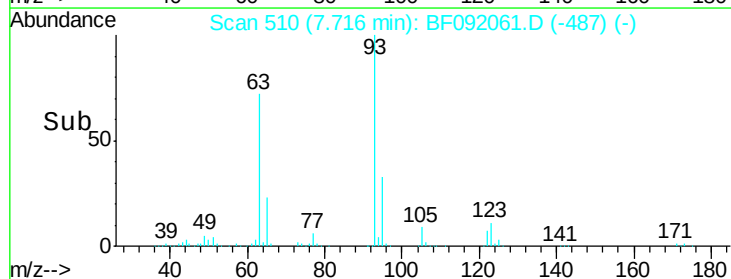
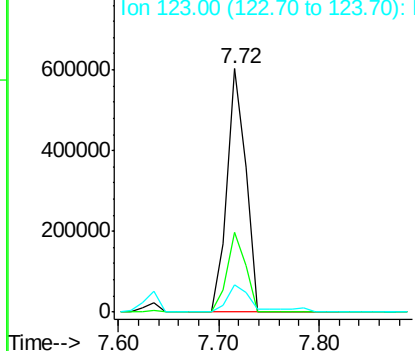


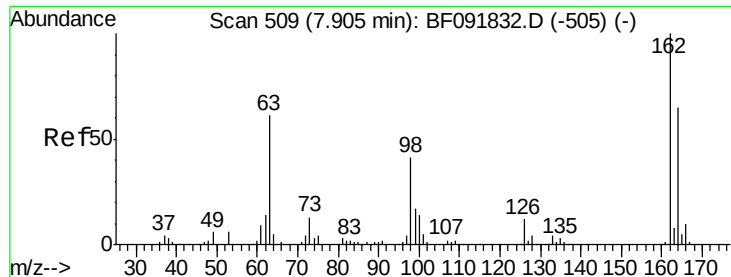
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.86 ng
 RT: 7.72 min Scan# 510
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Tgt Ion: 93 Resp: 782649
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 11.1 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

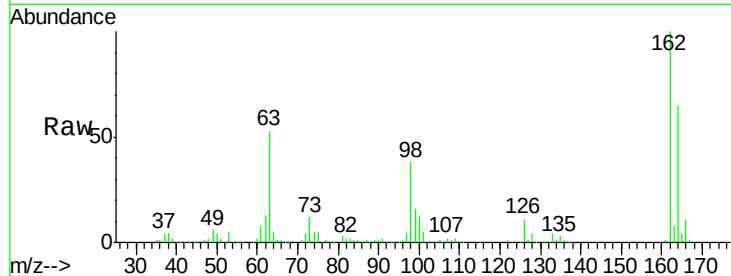




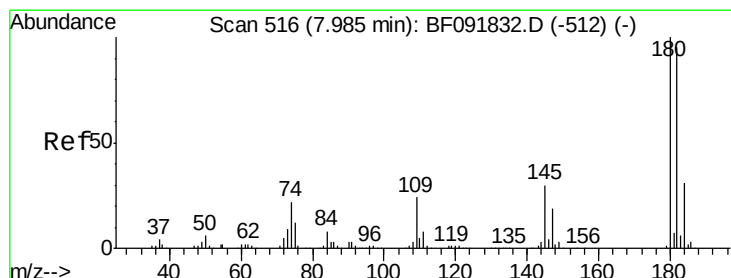
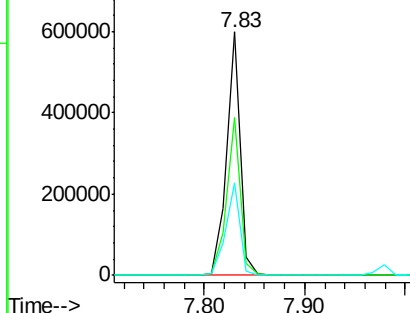
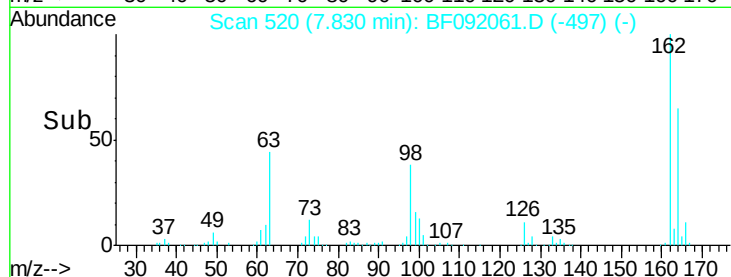
#29
 2,4-Dichlorophenol
 Concen: 43.50 ng
 RT: 7.83 min Scan# 520
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB95723BS

Tgt Ion:162 Resp: 563300
 Ion Ratio Lower Upper
 162 100
 164 64.9 46.8 86.8
 98 38.2 9.1 49.1

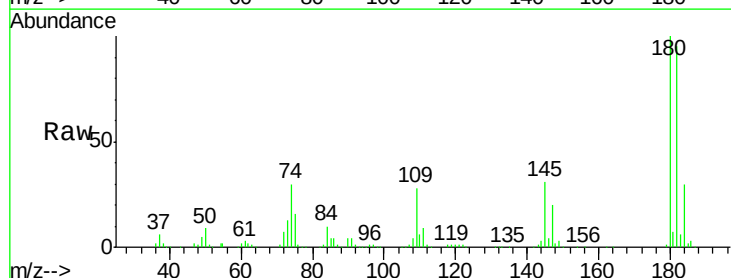


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

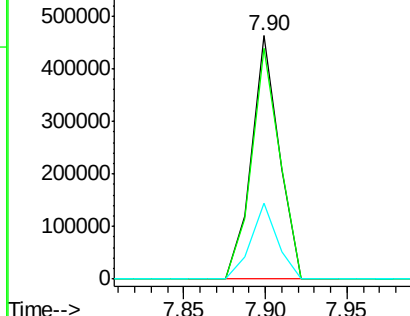
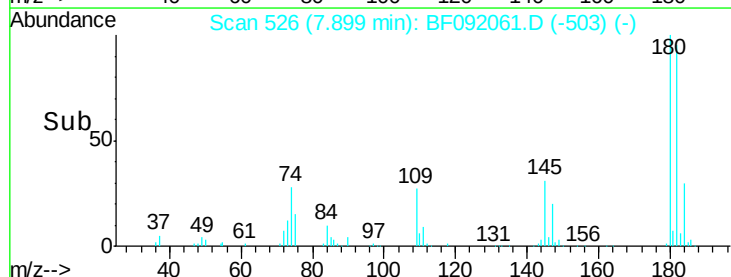


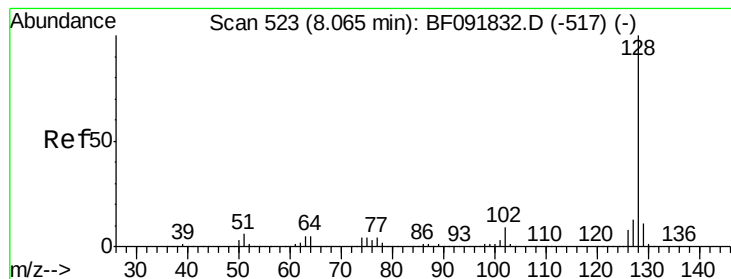
#30
 1,2,4-Trichlorobenzene
 Concen: 38.42 ng
 RT: 7.90 min Scan# 526
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Tgt Ion:180 Resp: 545059
 Ion Ratio Lower Upper
 180 100
 182 94.7 78.2 117.4
 145 31.1 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: 39.41 ng

RT: 7.98 min Scan# 533

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

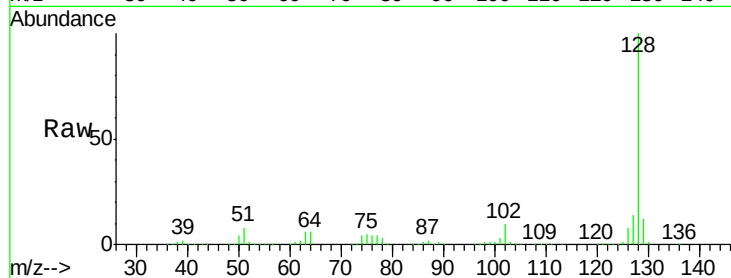
Tgt Ion:128 Resp: 1760520

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

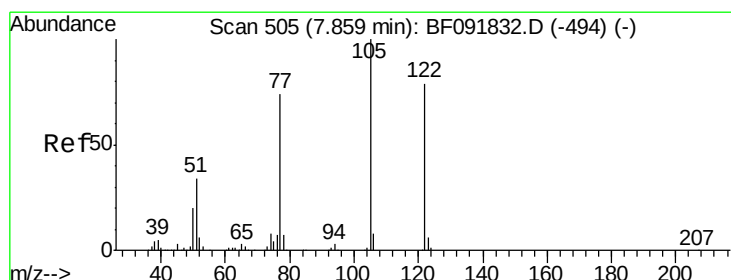
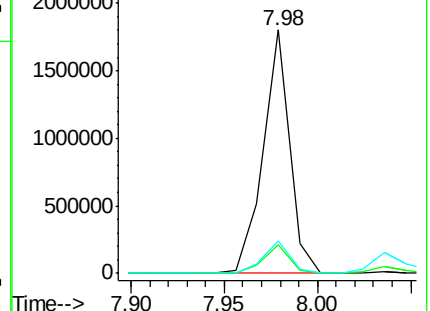
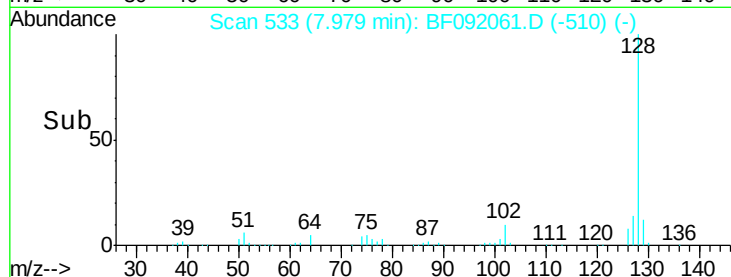
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.13 ng

RT: 7.78 min Scan# 516

Delta R.T. -0.05 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

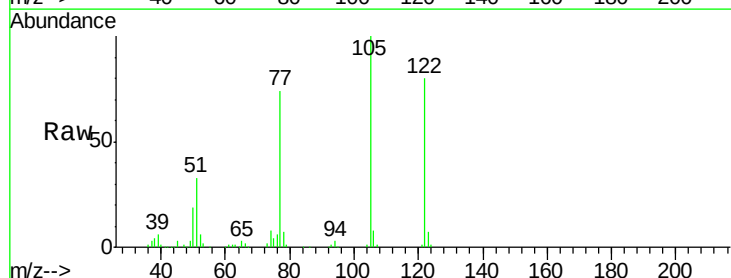
Tgt Ion:122 Resp: 443805

Ion Ratio Lower Upper

122 100

105 124.3 107.2 147.2

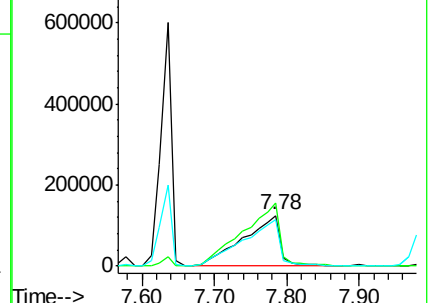
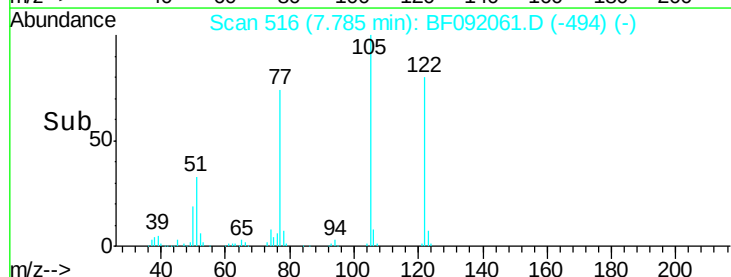
77 92.3 74.5 114.5

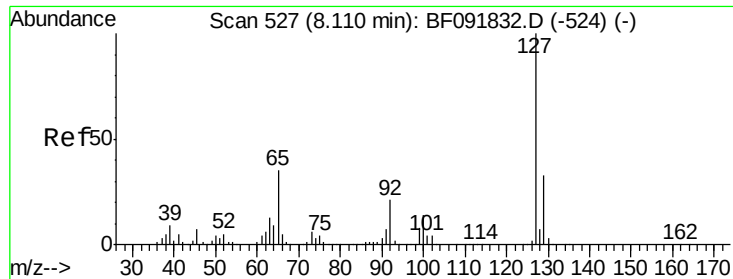


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

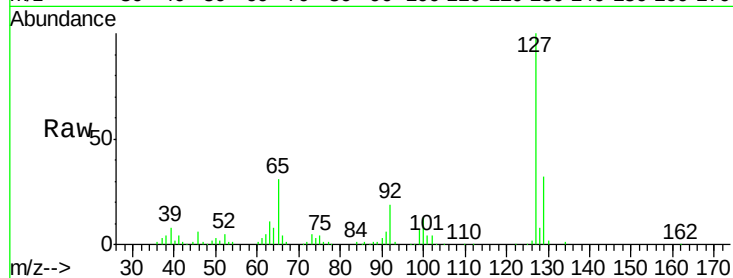




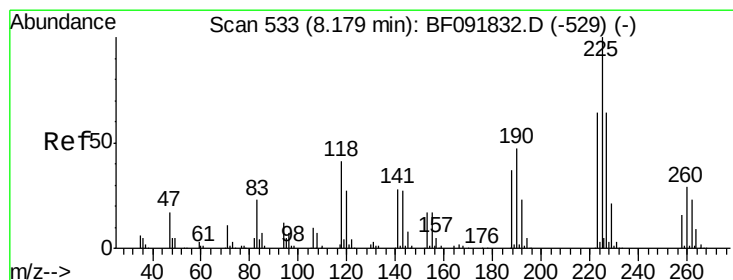
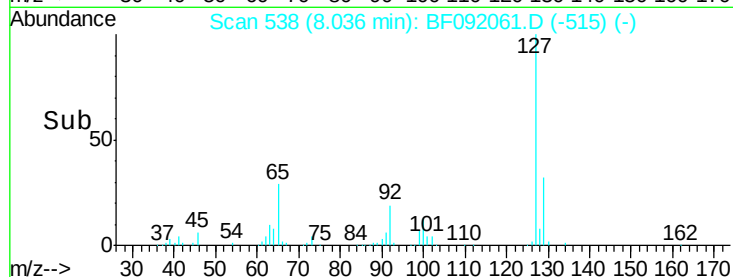
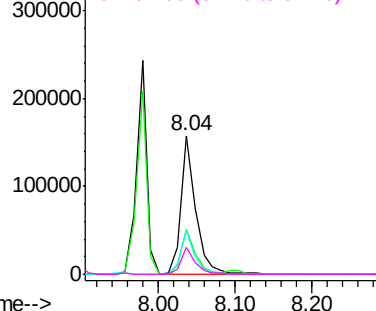
#33
4-Chloroaniline
Concen: 10.43 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
PB95723BS

Tgt Ion:	127	Resp:	209998
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	31.1	25.8	38.8
92	19.3	16.1	24.1

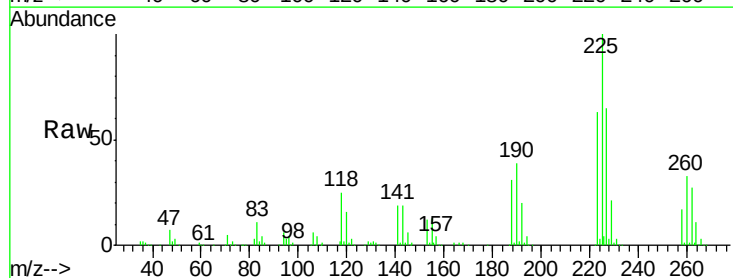


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

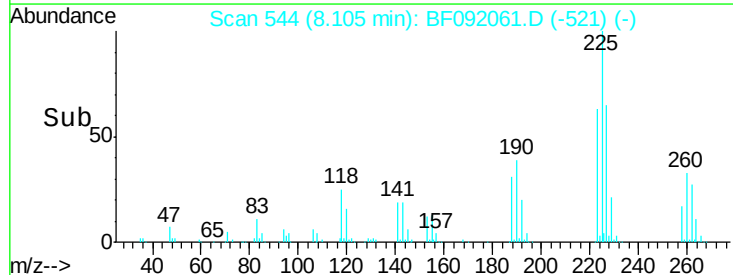
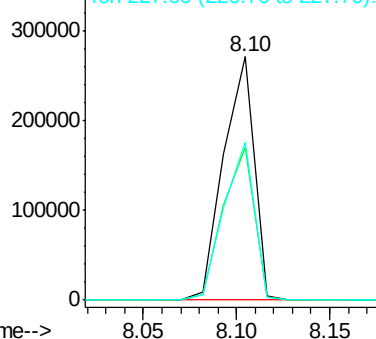


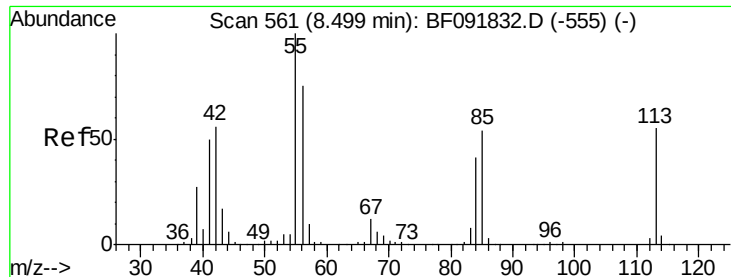
#34
Hexachlorobutadiene
Concen: 41.01 ng
RT: 8.10 min Scan# 544
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion:	225	Resp:	307158
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.6
227	64.9	50.6	76.0



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

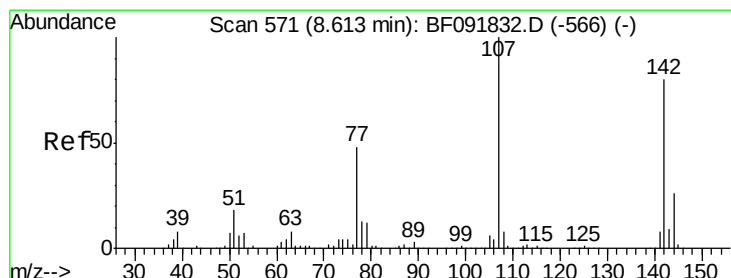
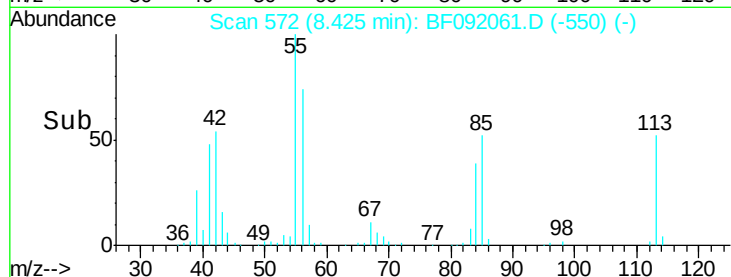
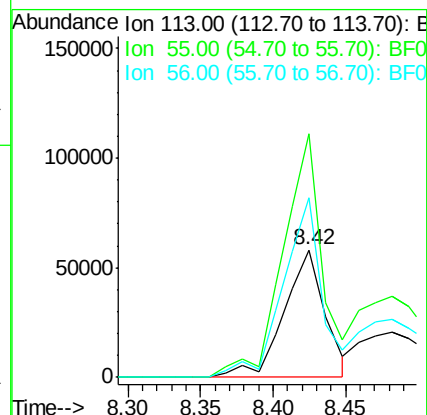
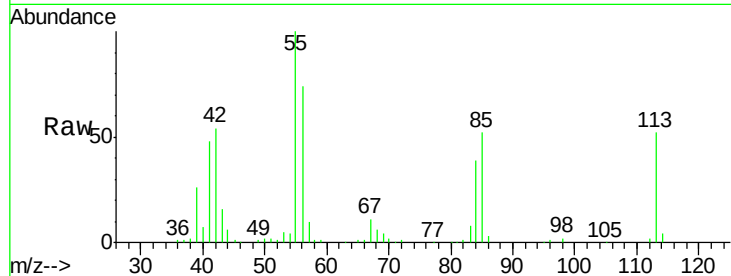




#35
 Caprolactam
 Concen: 26.72 ng
 RT: 8.42 min Scan# 572
 Delta R.T. -0.05 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

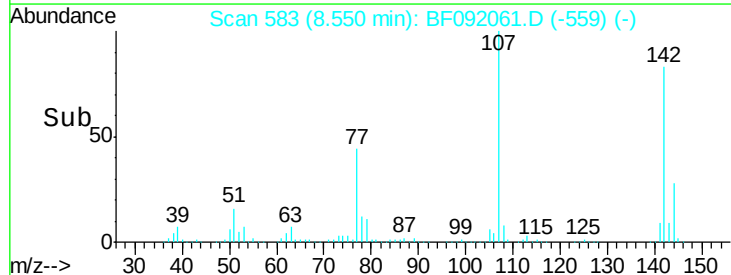
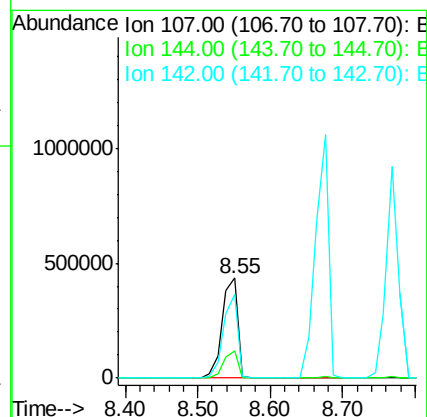
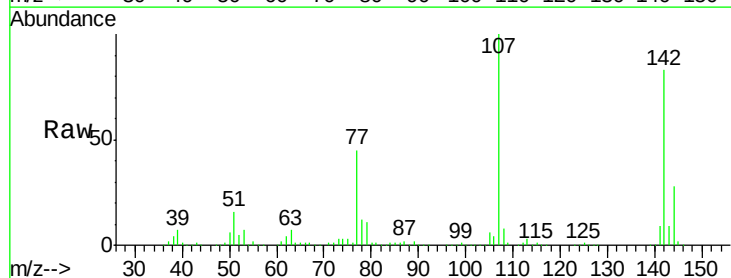
Instrument :
 BNA_F
 ClientSampleId :
 PB95723BS

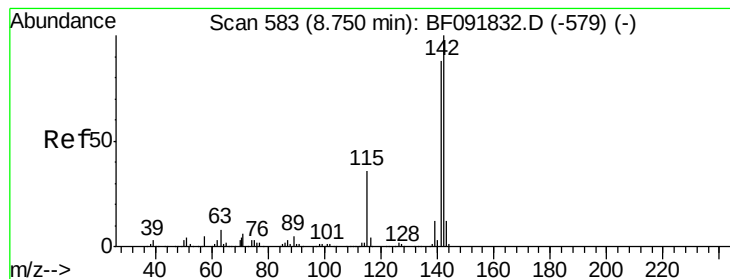
Tgt Ion:113 Resp: 113680
 Ion Ratio Lower Upper
 113 100
 55 190.8 119.2 159.2#
 56 140.5 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 43.61 ng
 RT: 8.55 min Scan# 583
 Delta R.T. -0.03 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Tgt Ion:107 Resp: 649711
 Ion Ratio Lower Upper
 107 100
 144 27.8 19.3 28.9
 142 83.5 59.0 88.6





#37

2-Methylnaphthalene

Concen: 51.68 ng

RT: 8.68 min Scan# 594

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

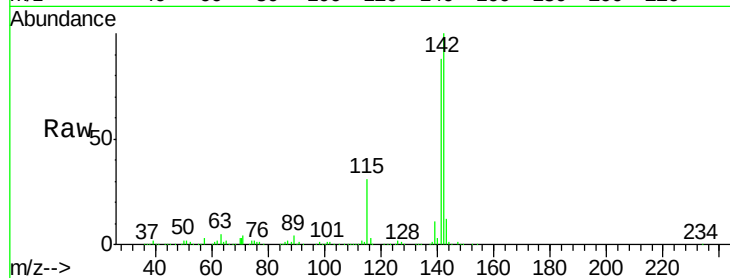
Tgt Ion:142 Resp: 1324365

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6

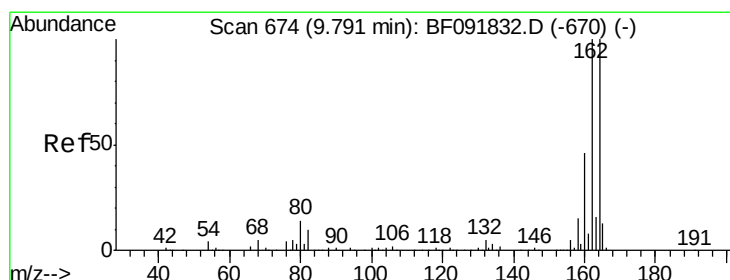
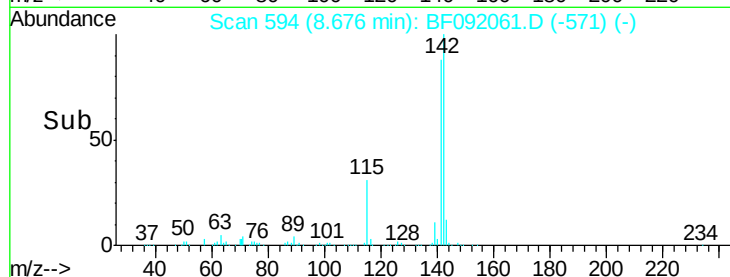
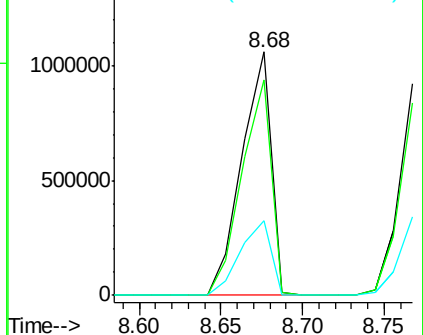
115 30.9 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 685

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

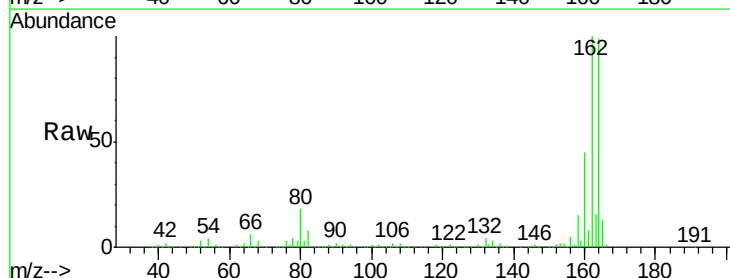
Tgt Ion:164 Resp: 553928

Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.2

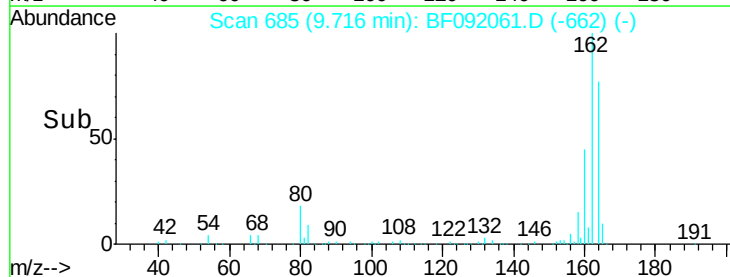
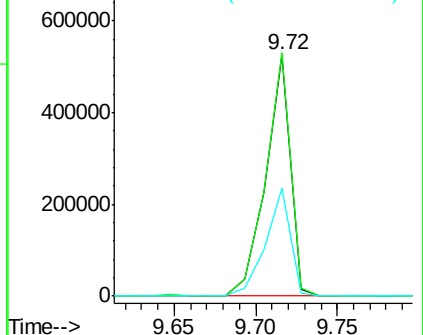
160 44.9 36.9 55.3

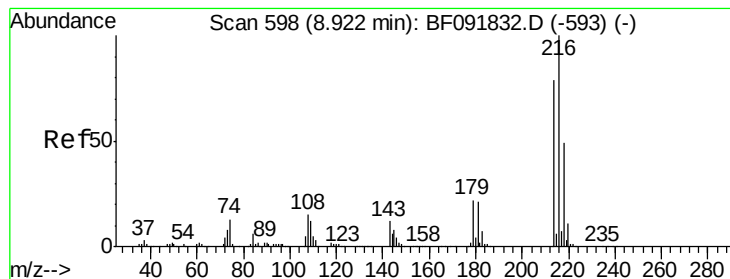


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.37 ng

RT: 8.84 min Scan# 608

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

Tgt Ion:216 Resp: 495014

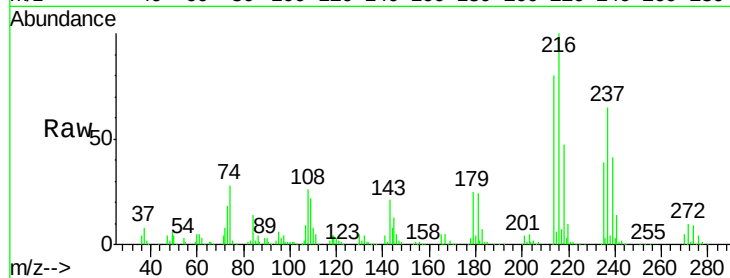
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.0

179 22.1 17.4 26.2

108 22.1 15.6 23.4

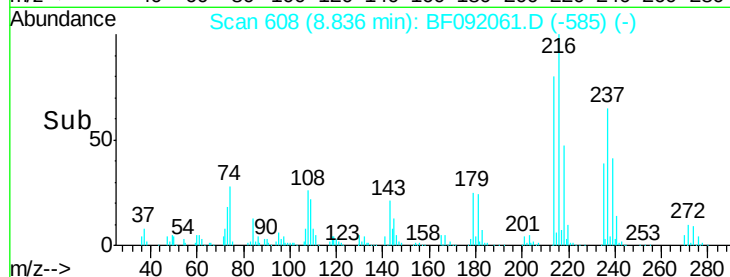


Abundance Ion 216.00 (215.70 to 216.70): E

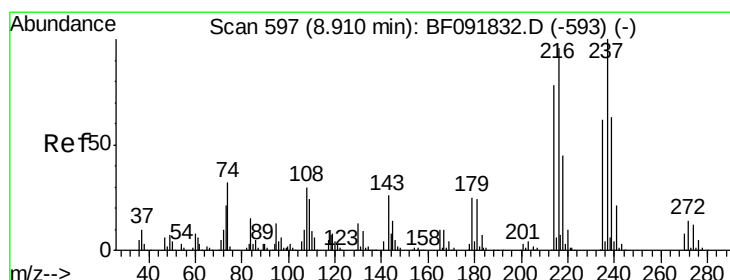
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.75 8.80 8.85 8.90



#40

Hexachlorocyclopentadiene

Concen: 81.08 ng

RT: 8.82 min Scan# 607

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

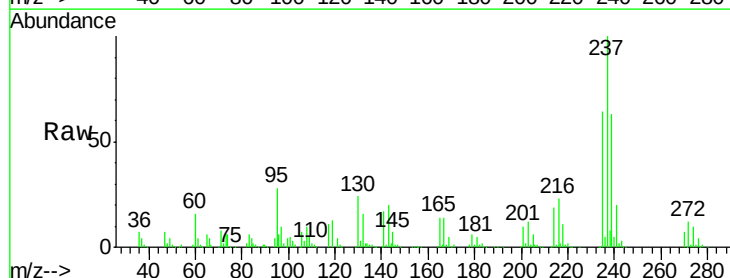
Tgt Ion:237 Resp: 505727

Ion Ratio Lower Upper

237 100

235 64.0 41.2 81.2

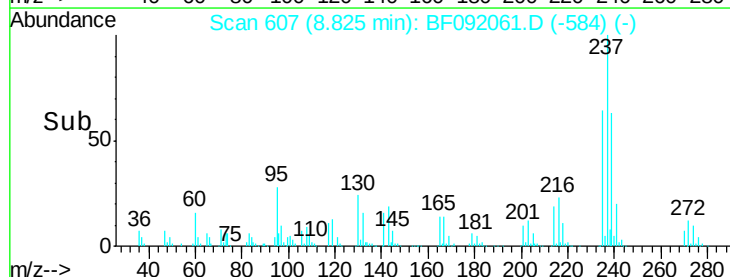
272 12.0 0.0 35.4



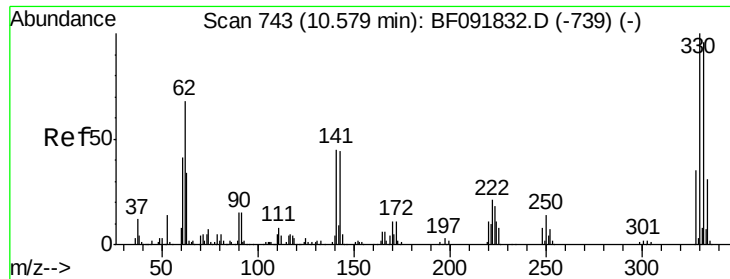
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



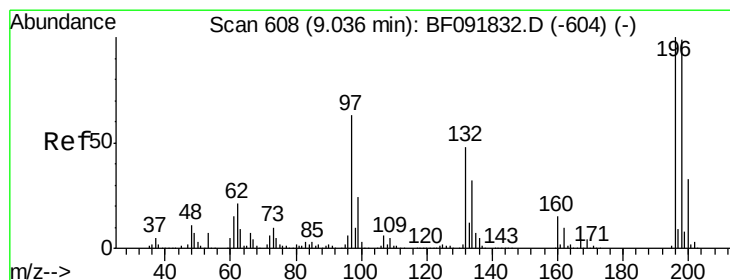
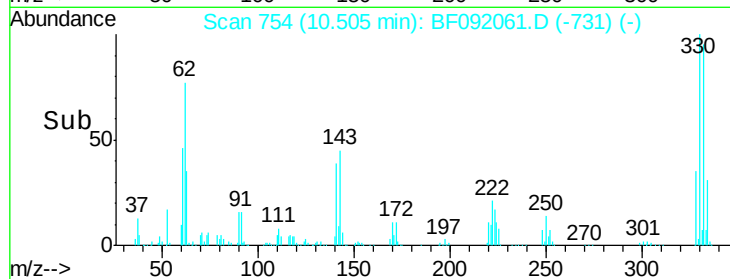
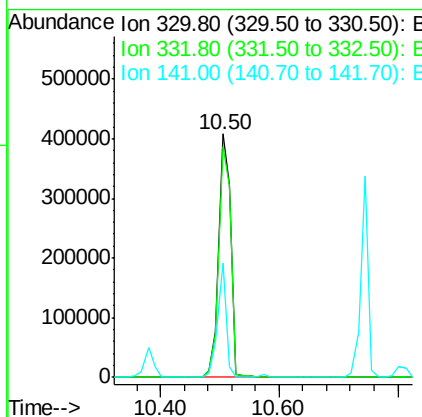
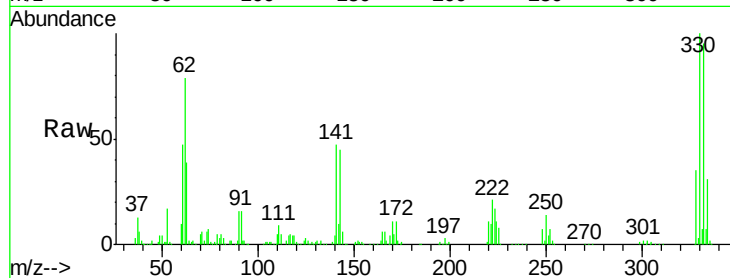
Time--> 8.75 8.80 8.85



#41
 2,4,6-Tribromophenol
 Concen: 125.67 ng
 RT: 10.50 min Scan# 754
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

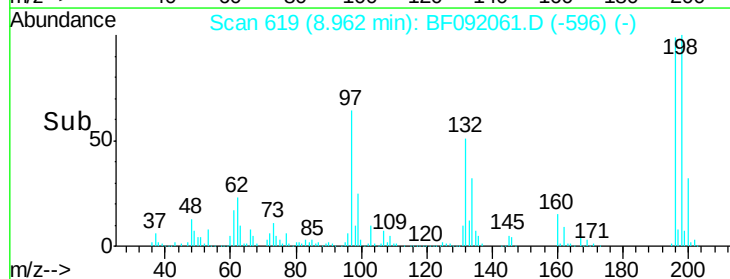
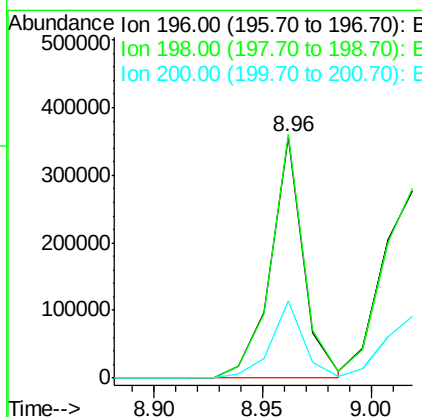
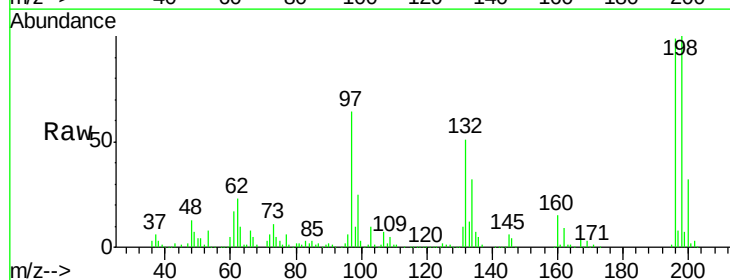
Instrument :
 BNA_F
 ClientSampleId :
 PB95723BS

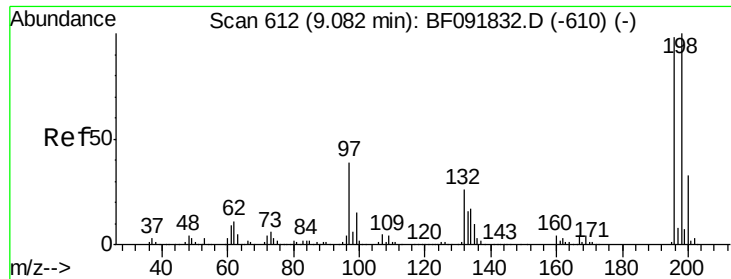
Tgt Ion:330 Resp: 576114
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 33.2 34.1 51.1#



#42
 2,4,6-Trichlorophenol
 Concen: 38.37 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Tgt Ion:196 Resp: 375579
 Ion Ratio Lower Upper
 196 100
 198 100.8 82.1 123.1
 200 32.2 27.0 40.4

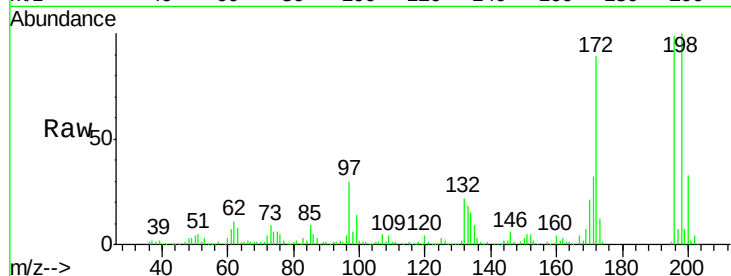




#43
 2,4,5-Trichlorophenol
 Concen: 36.65 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB95723BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.5	79.4	119.2
97	30.5	51.5	77.3#
132	22.3	27.4	41.2#



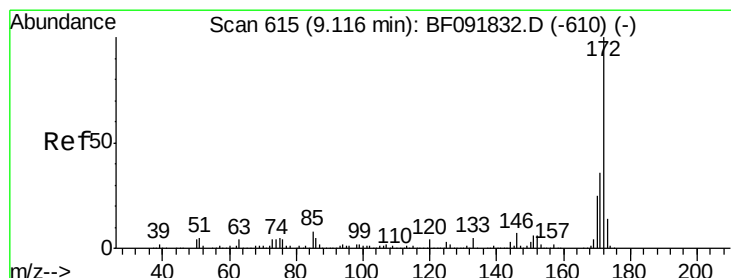
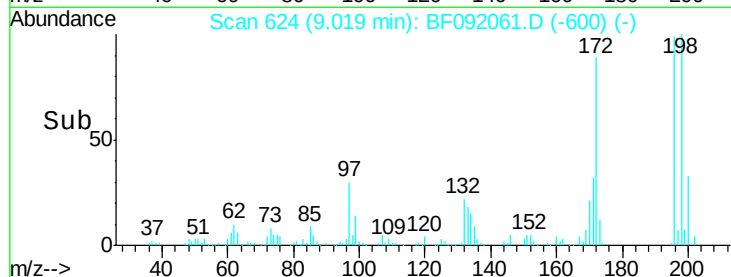
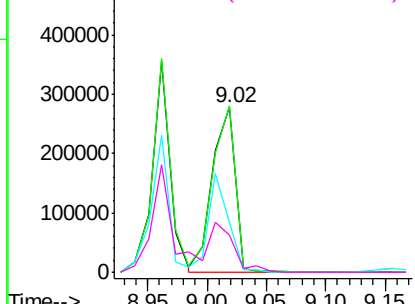
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

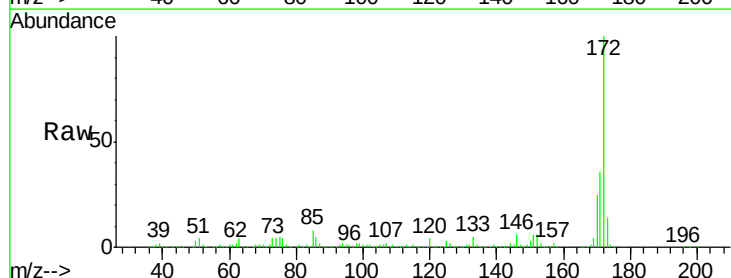
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.72 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.7	20.2	30.4

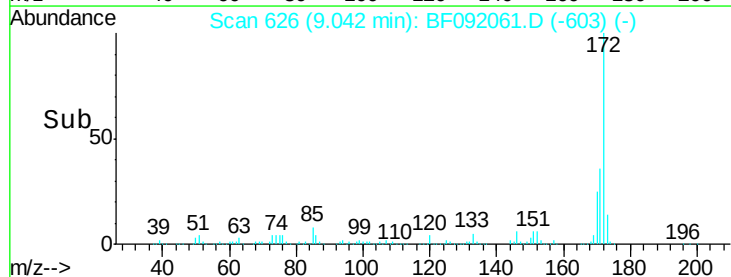
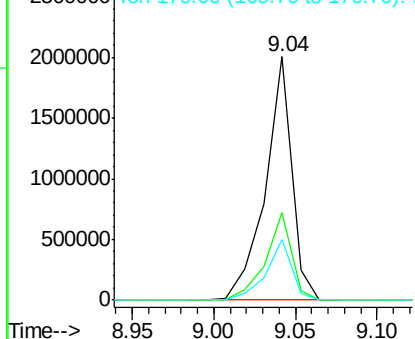


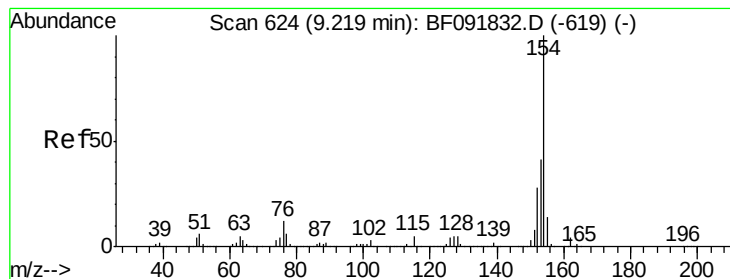
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.14 ng

RT: 9.14 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

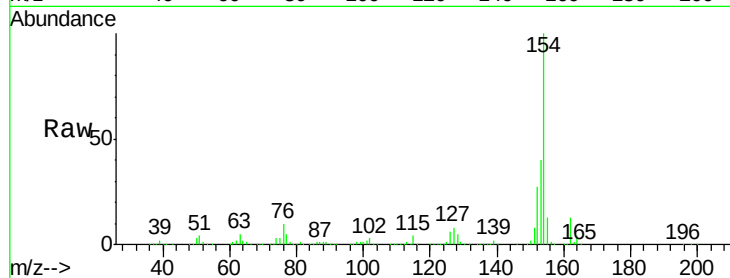
Tgt Ion:154 Resp: 1598391

Ion Ratio Lower Upper

154 100

153 40.0 20.9 60.9

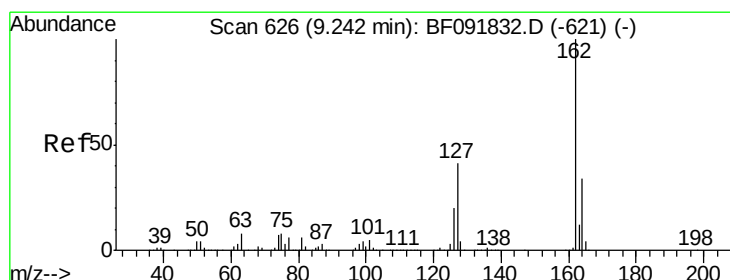
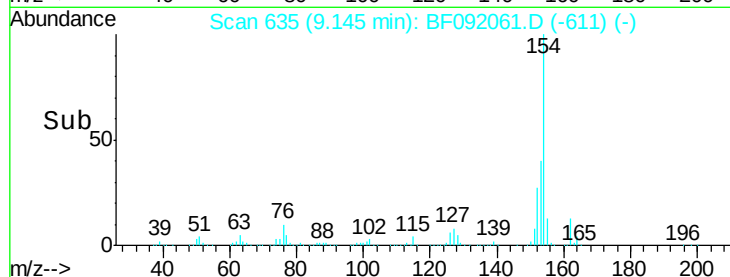
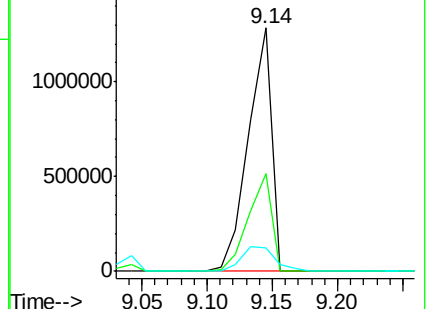
76 9.6 0.0 30.5



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: 41.25 ng

RT: 9.17 min Scan# 637

Delta R.T. -0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

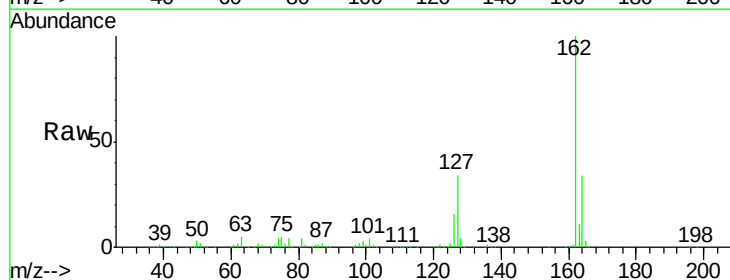
Tgt Ion:162 Resp: 1238897

Ion Ratio Lower Upper

162 100

127 34.3 30.7 46.1

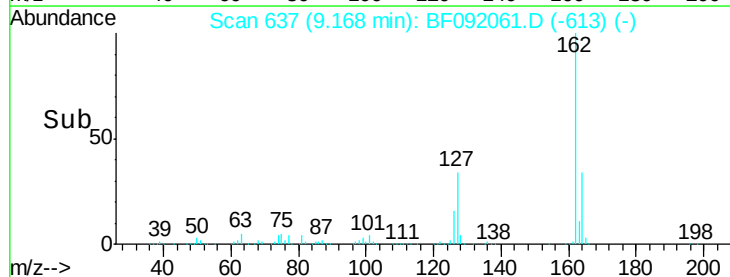
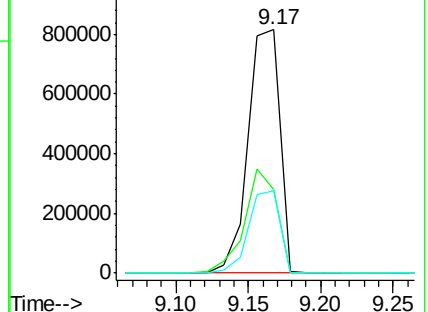
164 33.9 27.6 41.4

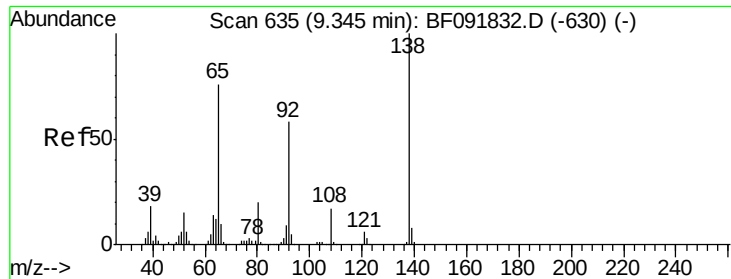


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.77 ng

RT: 9.27 min Scan# 646

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

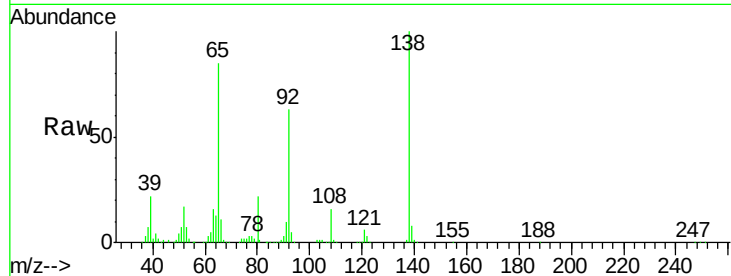
Tgt Ion: 65 Resp: 436043

Ion Ratio Lower Upper

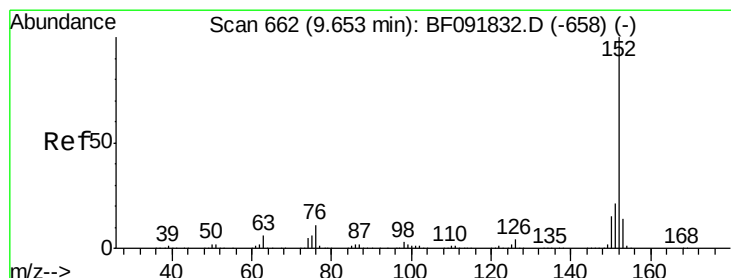
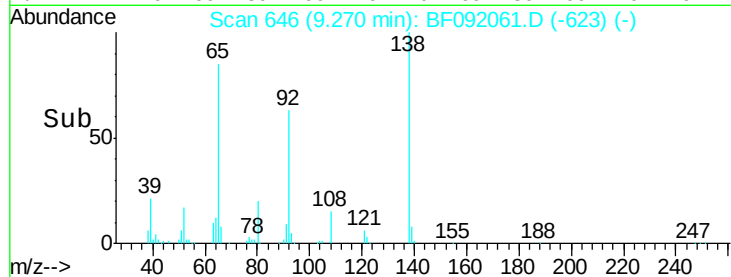
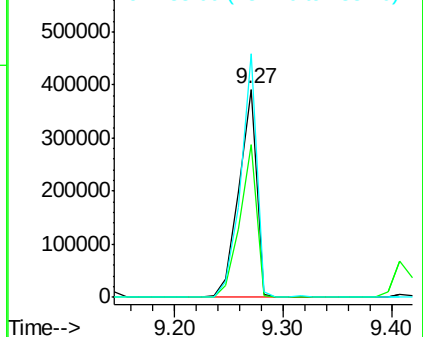
65 100

92 73.8 53.9 80.9

138 117.1 76.8 115.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 39.85 ng

RT: 9.58 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

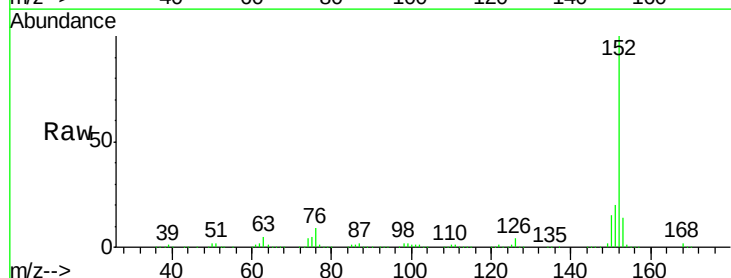
Tgt Ion: 152 Resp: 1840941

Ion Ratio Lower Upper

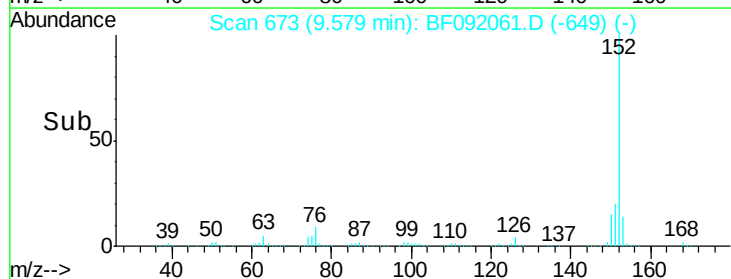
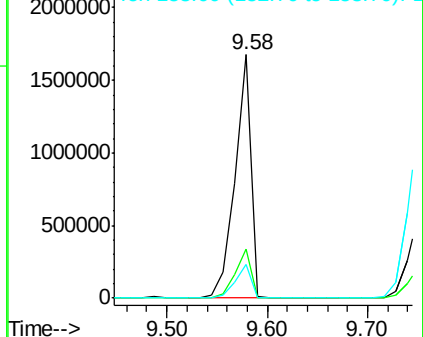
152 100

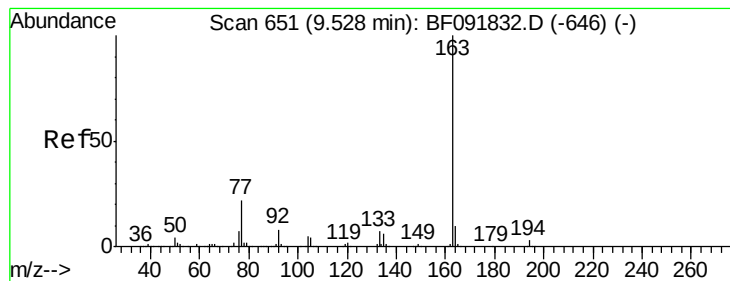
151 20.4 16.9 25.3

153 13.9 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 37.04 ng

RT: 9.45 min Scan# 662

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

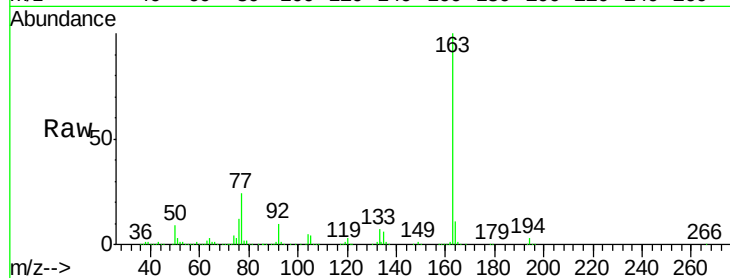
Tgt Ion:163 Resp: 1312335

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

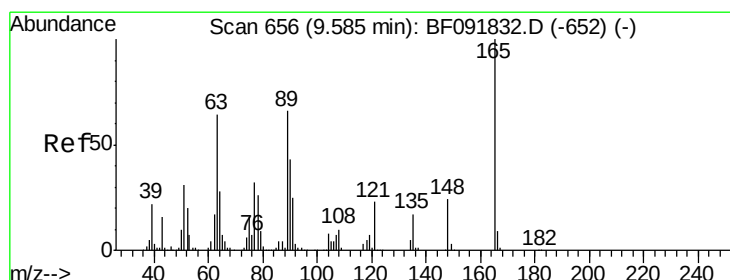
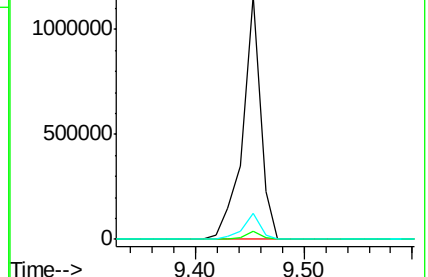
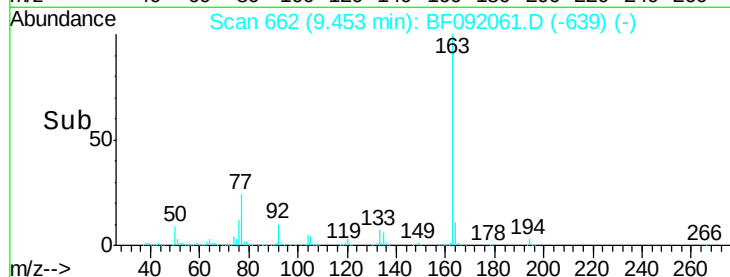
164 10.5 8.0 12.0



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: 37.76 ng

RT: 9.51 min Scan# 667

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

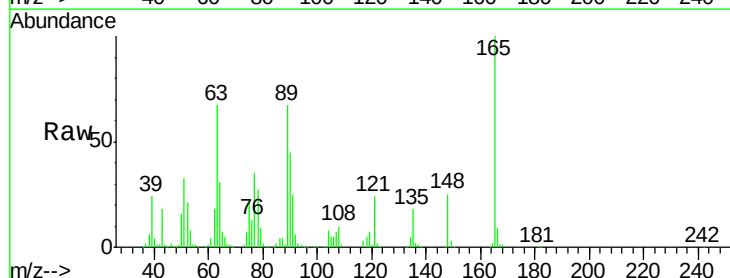
Tgt Ion:165 Resp: 292793

Ion Ratio Lower Upper

165 100

63 66.7 36.2 54.4#

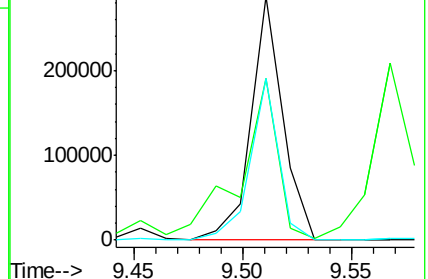
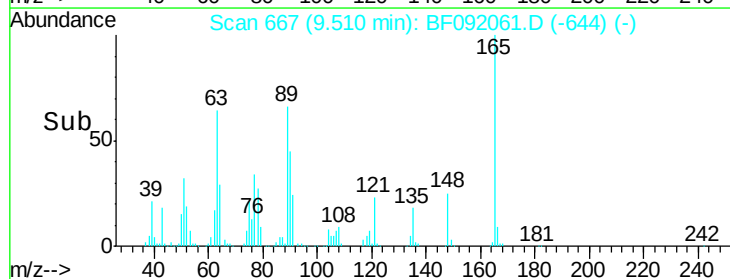
89 66.5 40.2 60.4#

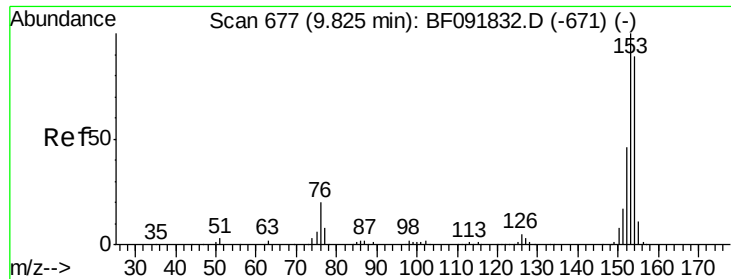


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.29 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

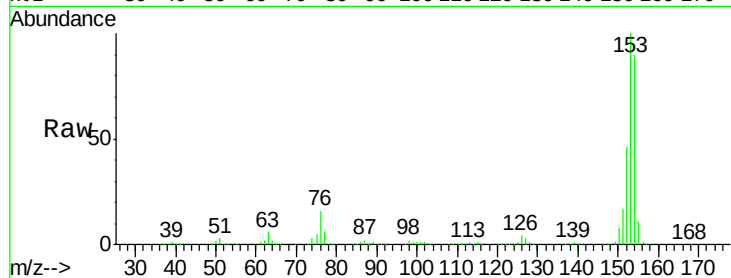
Tgt Ion:154 Resp: 1167721

Ion Ratio Lower Upper

154 100

153 111.5 88.6 133.0

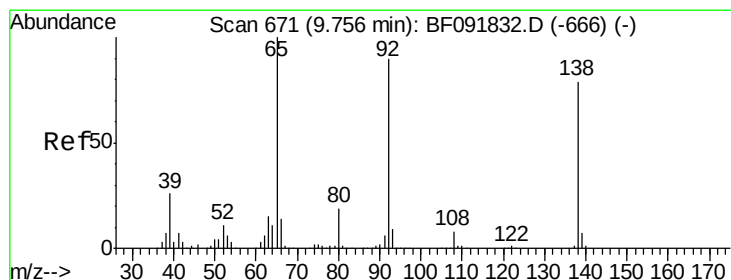
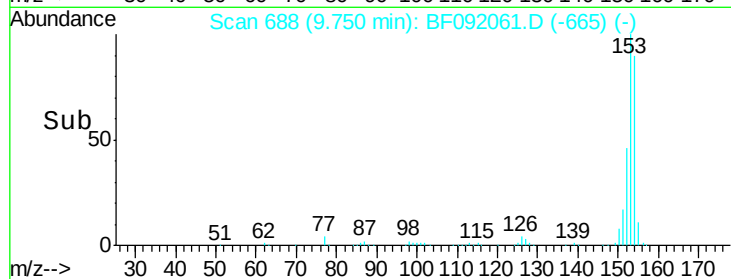
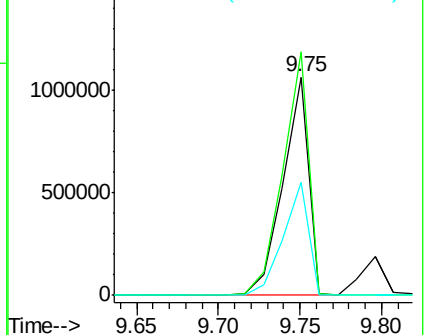
152 51.8 41.6 62.4



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: 18.04 ng

RT: 9.68 min Scan# 682

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

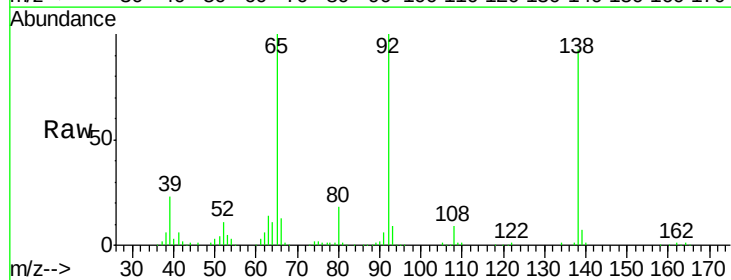
Tgt Ion:138 Resp: 173079

Ion Ratio Lower Upper

138 100

108 9.3 8.5 12.7

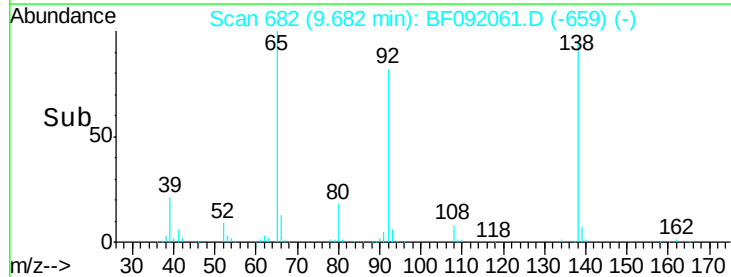
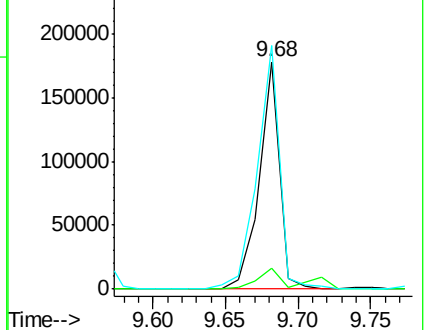
92 107.1 97.8 146.8

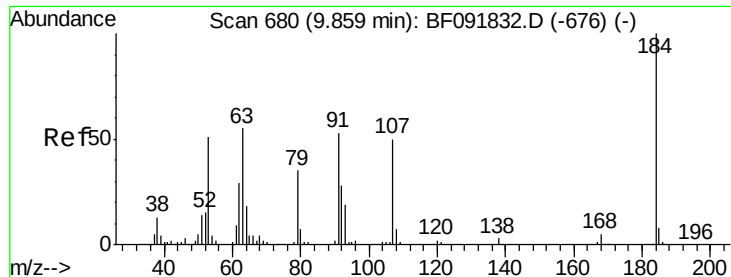


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

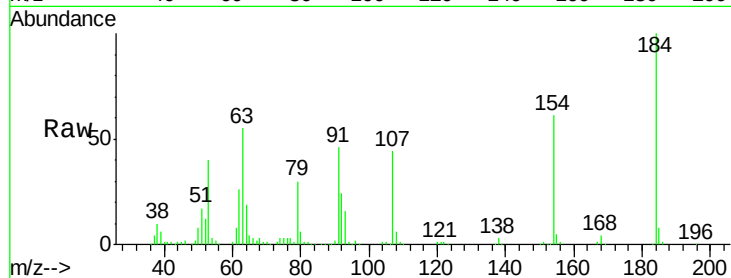




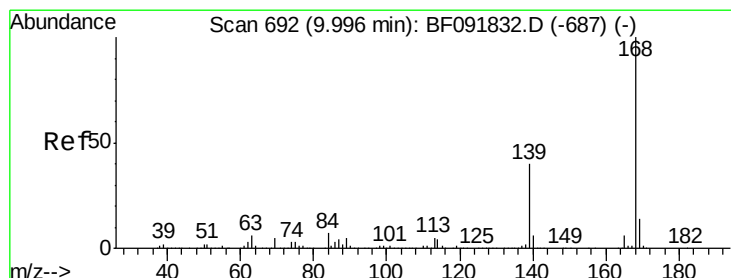
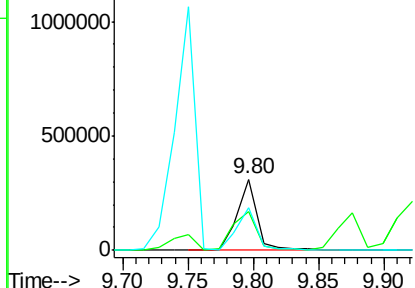
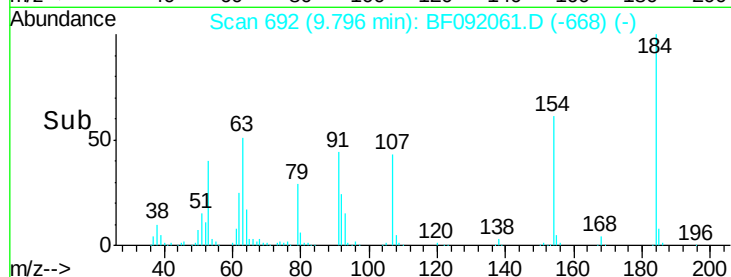
#53
2,4-Dinitrophenol
Concen: 78.17 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
PB95723BS

Tgt Ion:184 Resp: 337266
Ion Ratio Lower Upper
184 100
63 55.0 28.4 42.6#
154 60.6 44.3 66.5

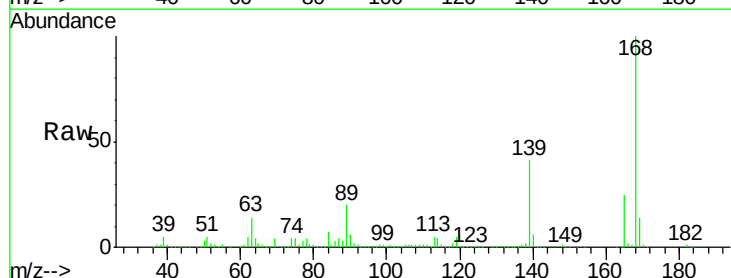


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

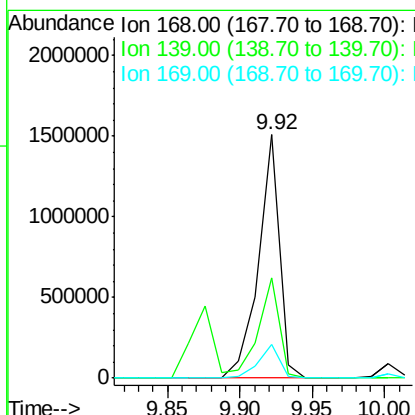
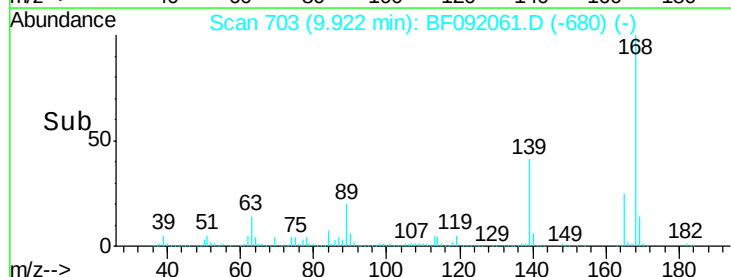


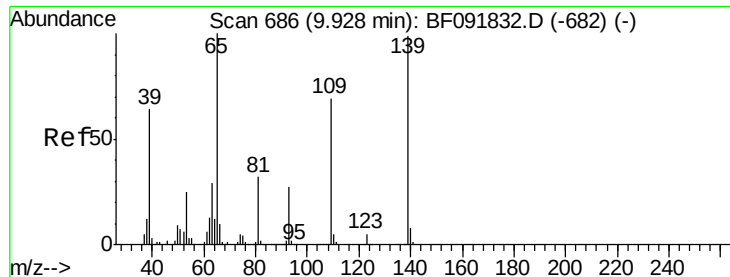
#54
Dibenzofuran
Concen: 35.69 ng
RT: 9.92 min Scan# 703
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion:168 Resp: 1509501
Ion Ratio Lower Upper
168 100
139 40.9 32.6 49.0
169 13.6 11.3 16.9



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

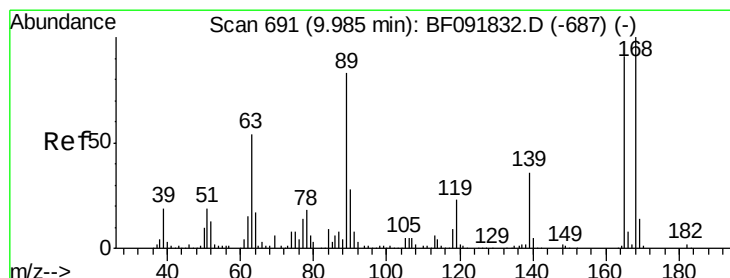
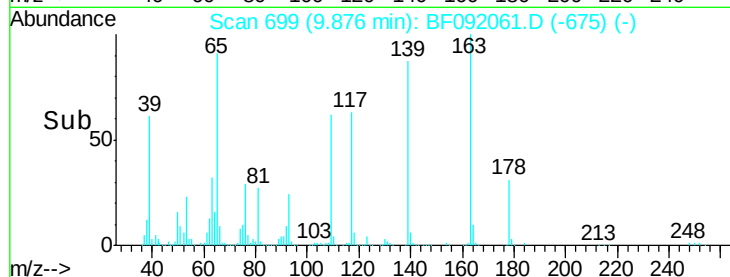
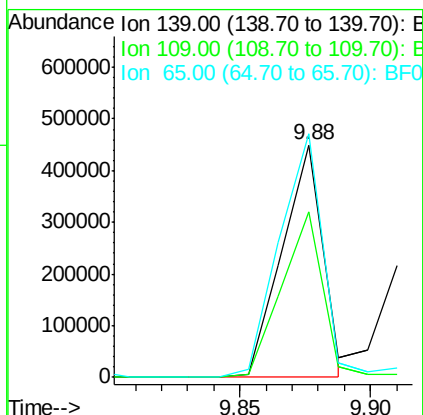
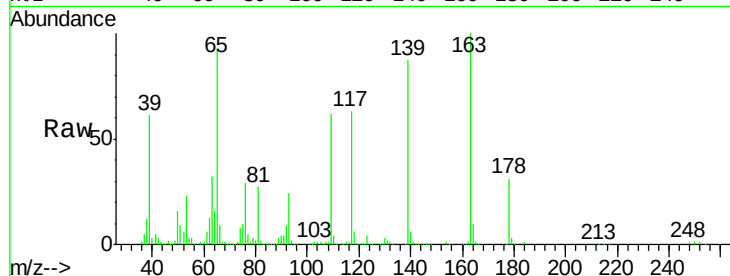




#55
4-Nitrophenol
Concen: 74.83 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

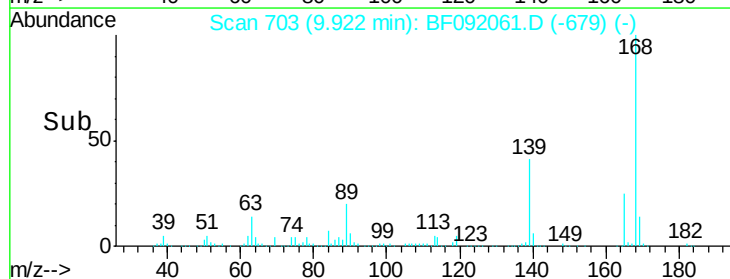
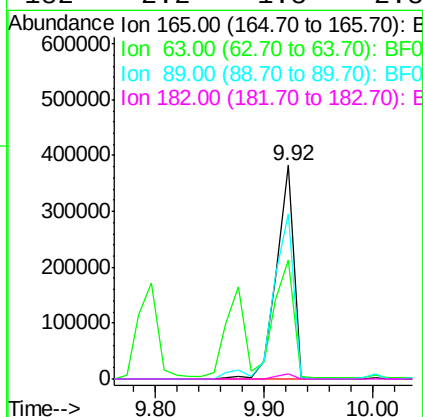
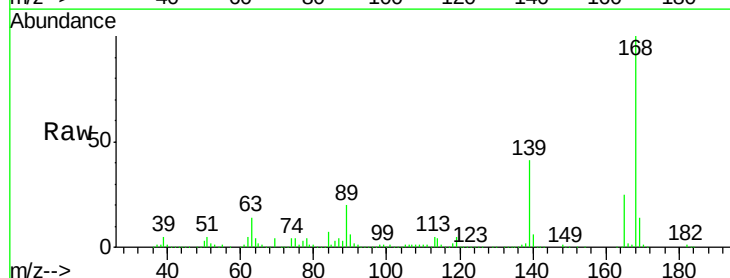
Instrument :
BNA_F
ClientSampleId :
PB95723BS

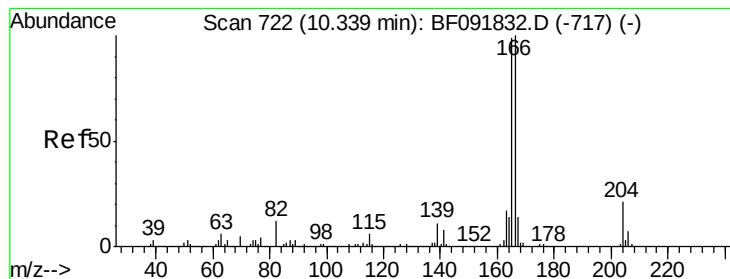
Tgt Ion:139 Resp: 487554
Ion Ratio Lower Upper
139 100
109 71.5 52.2 92.2
65 104.7 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 43.01 ng
RT: 9.92 min Scan# 703
Delta R.T. -0.03 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion:165 Resp: 418594
Ion Ratio Lower Upper
165 100
63 55.8 40.2 60.4
89 77.5 62.5 93.7
182 2.2 1.8 2.8





#57

Fluorene

Concen: 41.46 ng

RT: 10.26 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

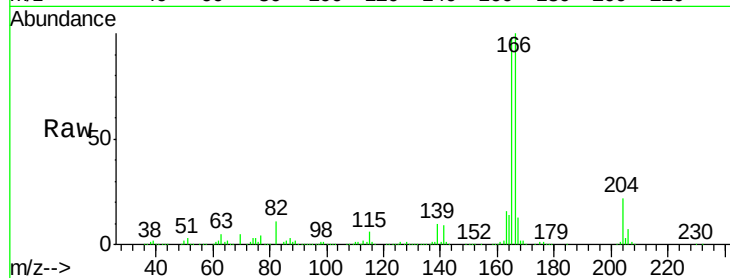
Tgt Ion:166 Resp: 1275772

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.8

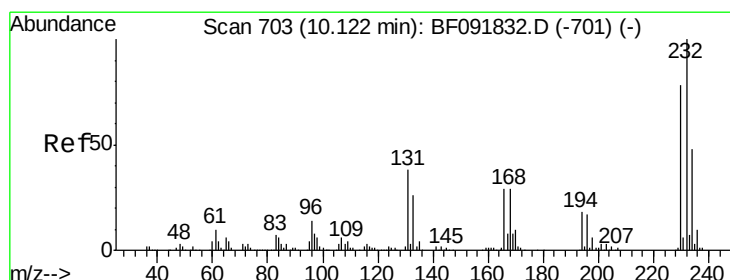
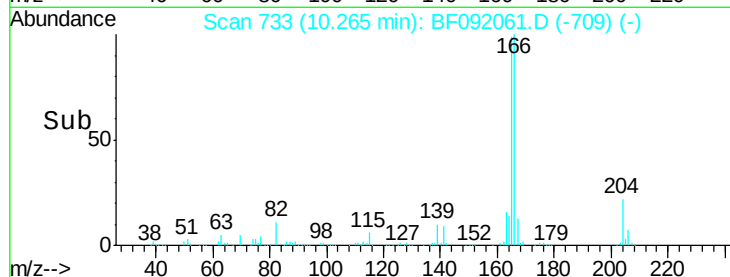
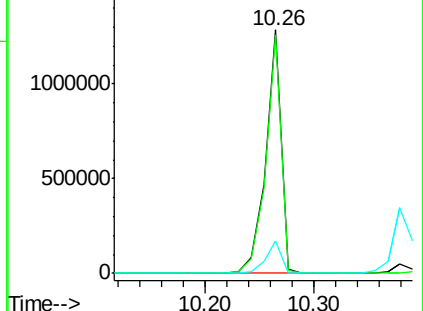
167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.88 ng

RT: 10.05 min Scan# 714

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Tgt Ion:232 Resp: 341617

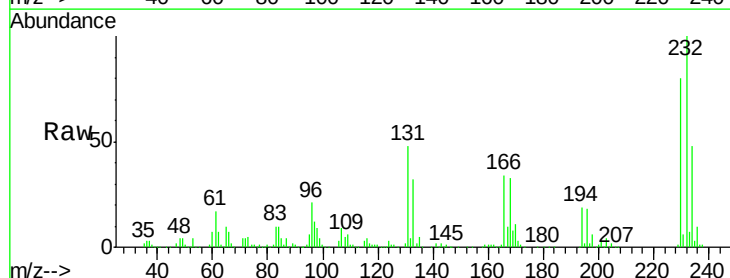
Ion Ratio Lower Upper

232 100

131 49.2 40.1 60.1

130 2.4 1.8 2.8

166 33.2 26.6 39.8

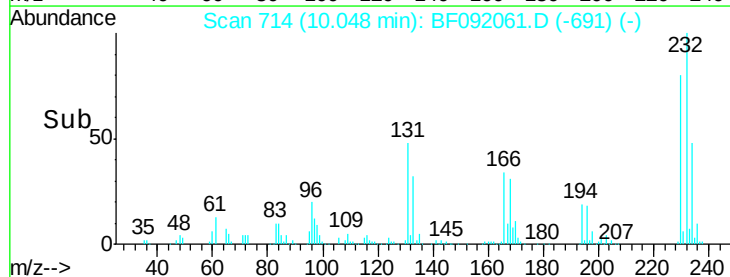
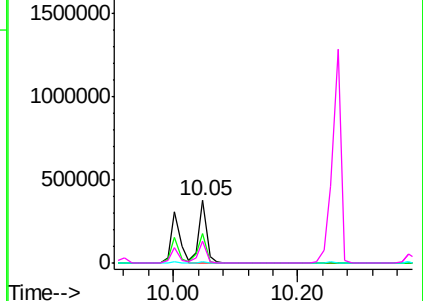


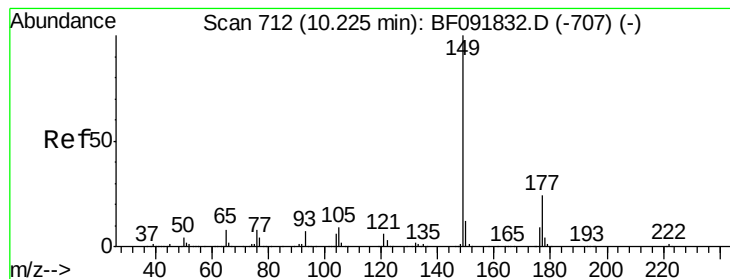
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.42 ng

RT: 10.15 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampled :

PB95723BS

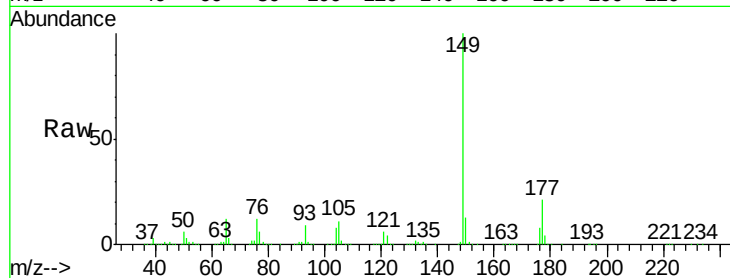
Tgt Ion:149 Resp: 1287652

Ion Ratio Lower Upper

149 100

177 20.6 16.6 25.0

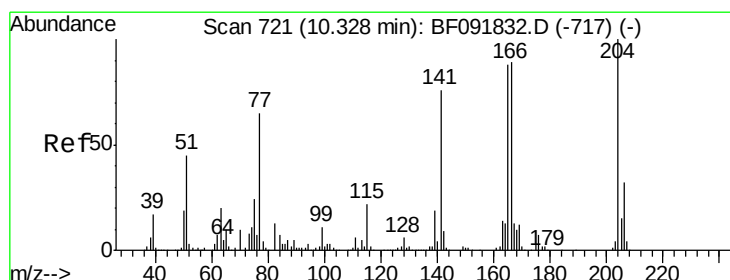
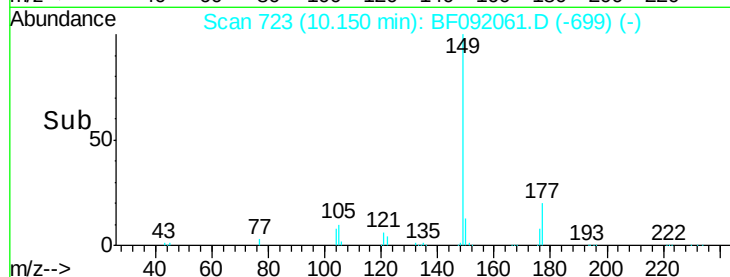
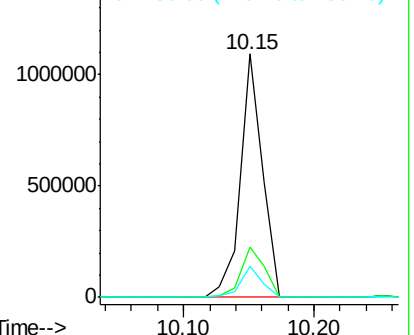
150 12.8 10.4 15.6



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: 38.63 ng

RT: 10.25 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

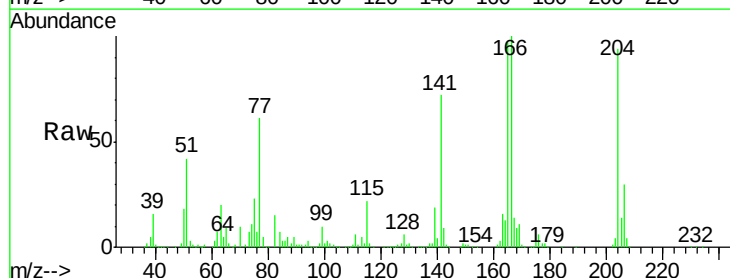
Tgt Ion:204 Resp: 520467

Ion Ratio Lower Upper

204 100

206 32.5 25.8 38.6

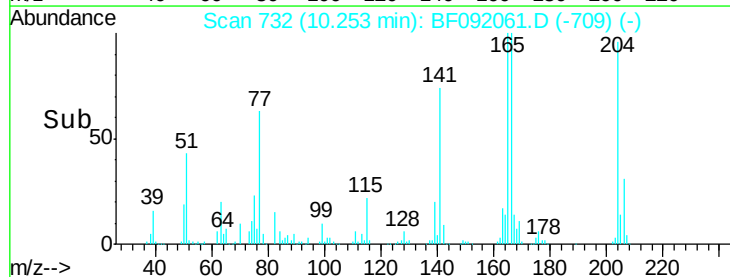
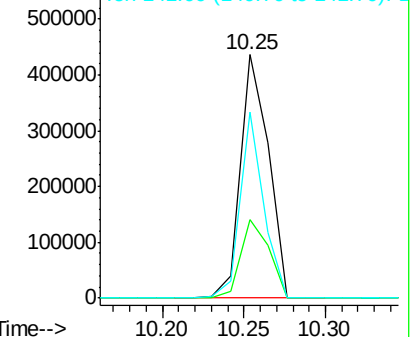
141 76.5 59.4 89.0

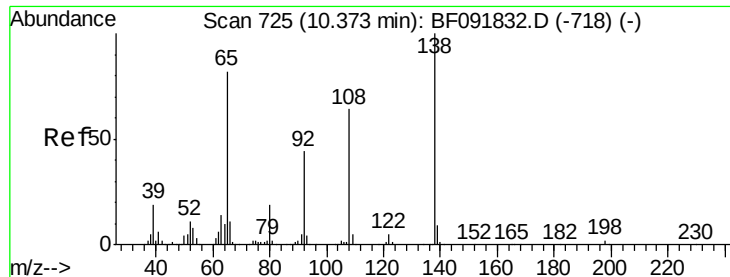


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

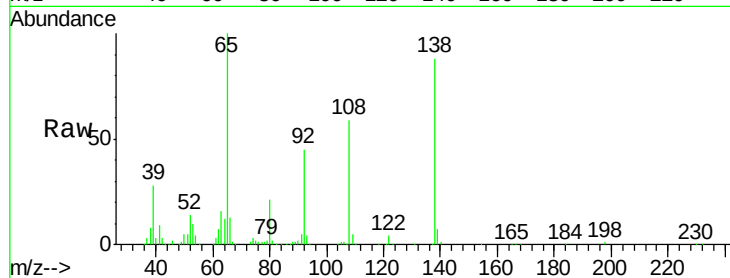




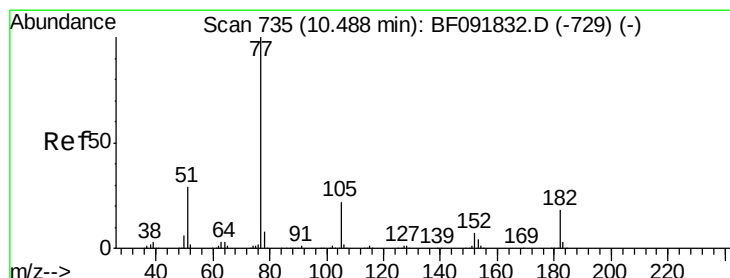
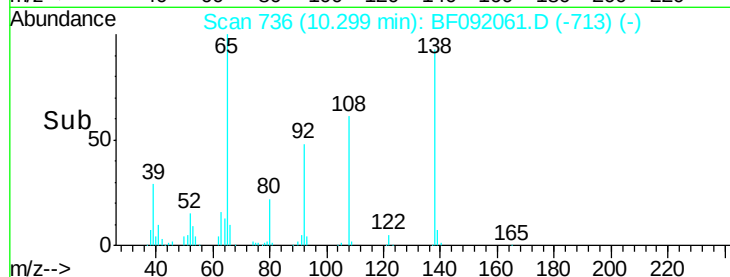
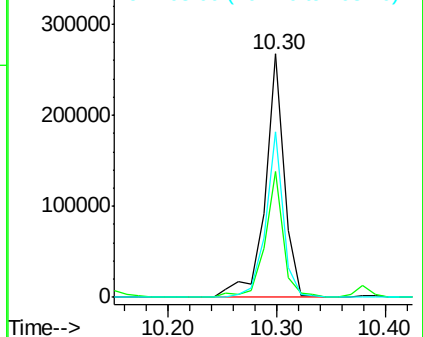
#61
4-Nitroaniline
Concen: 33.12 ng
RT: 10.30 min Scan# 736
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
PB95723BS

Tgt Ion: 138 Resp: 329362
Ion Ratio Lower Upper
138 100
92 51.6 31.7 71.7
108 67.7 52.6 92.6

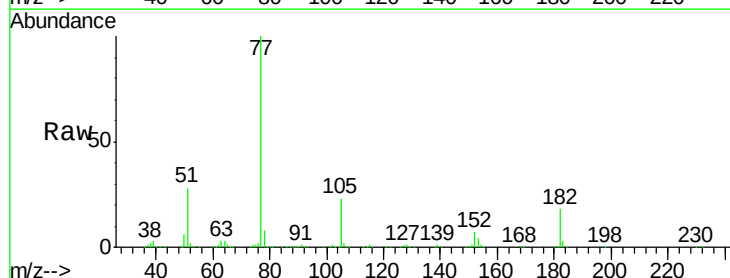


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

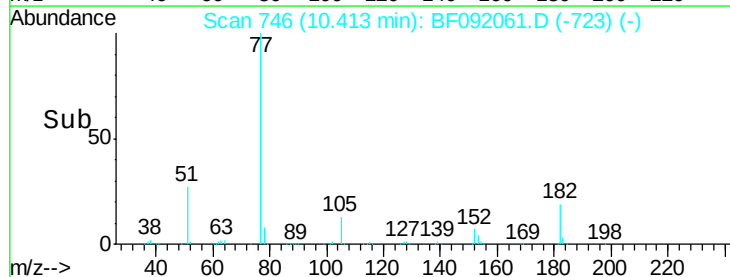
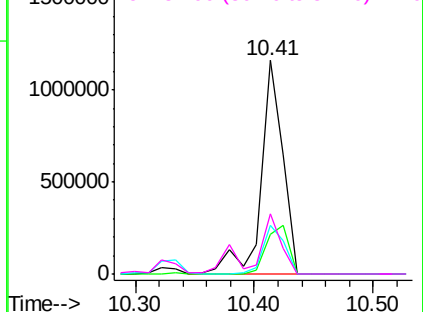


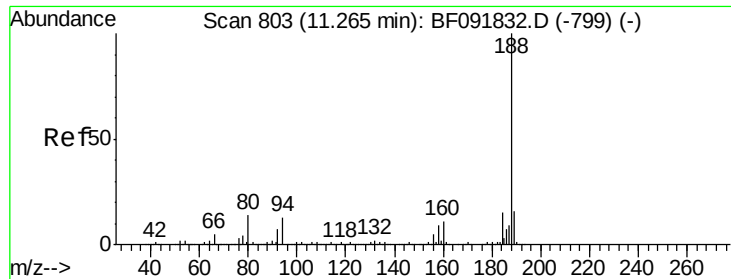
#62
Azobenzene
Concen: 39.51 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion: 77 Resp: 1496832
Ion Ratio Lower Upper
77 100
182 18.4 0.0 39.3
105 23.1 2.3 42.3
51 28.3 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

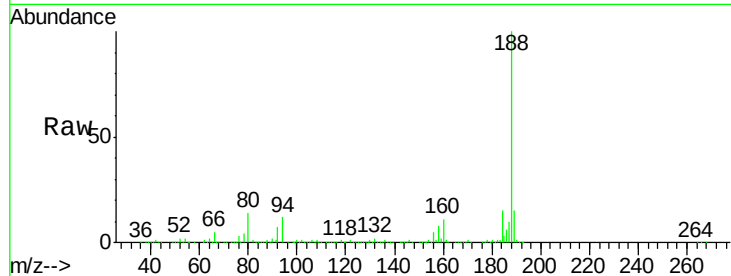




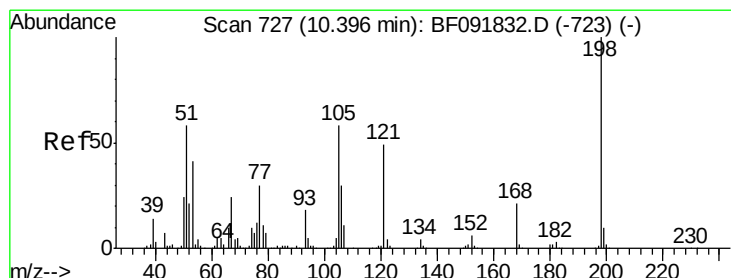
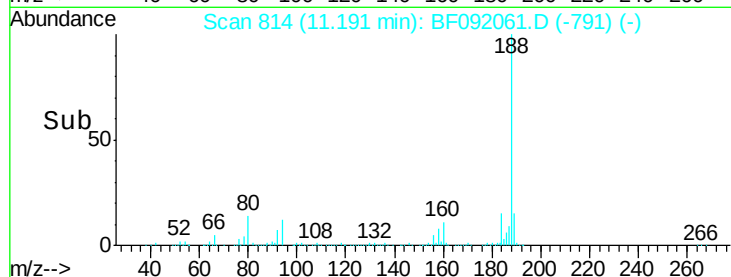
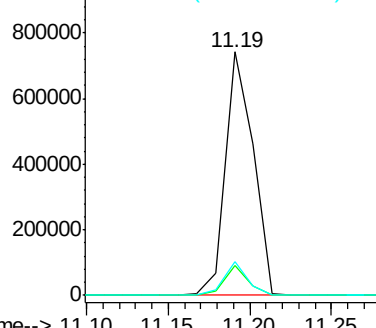
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 814
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
PB95723BS

Tgt Ion:188 Resp: 882303
Ion Ratio Lower Upper
188 100
94 12.3 10.0 15.0
80 13.8 11.2 16.8

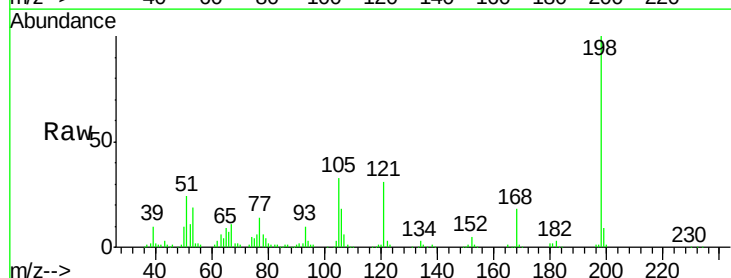


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

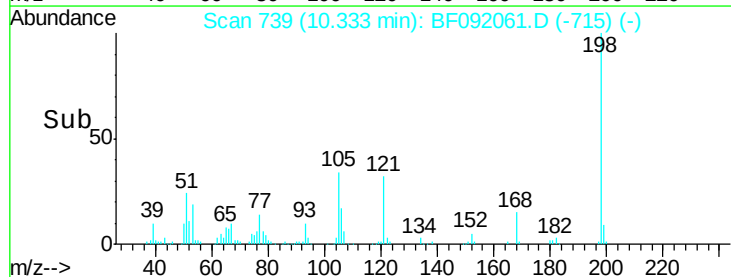
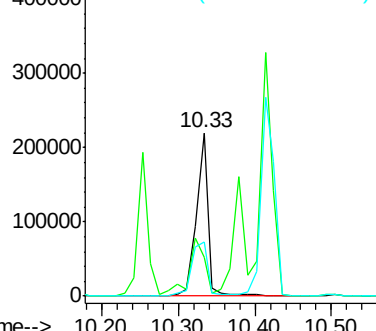


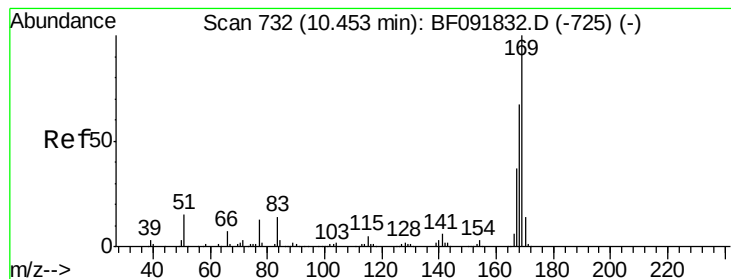
#64
4,6-Dinitro-2-methylphenol
Concen: 45.84 ng
RT: 10.33 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion:198 Resp: 244568
Ion Ratio Lower Upper
198 100
51 23.8 6.7 46.7
105 33.3 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: 41.28 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

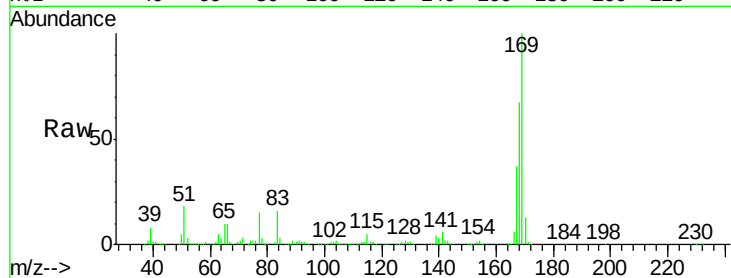
Tgt Ion:169 Resp: 1080644

Ion Ratio Lower Upper

169 100

168 67.1 54.2 81.2

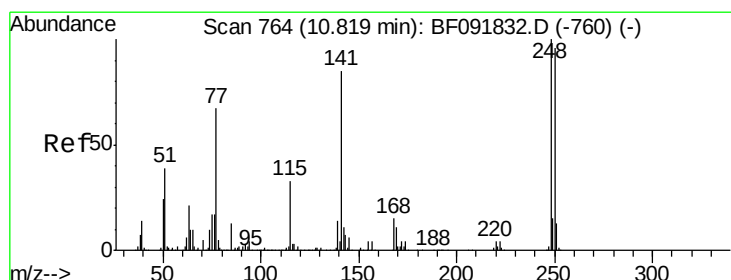
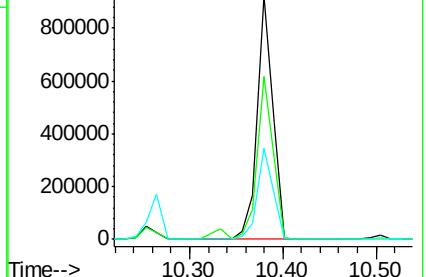
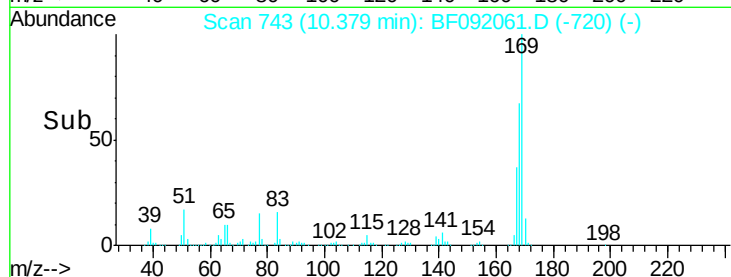
167 37.3 30.2 45.4



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: 38.69 ng

RT: 10.74 min Scan# 775

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

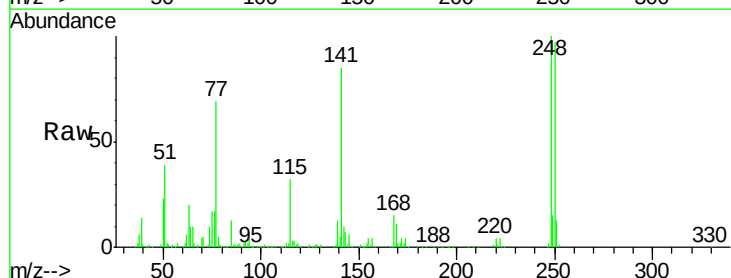
Tgt Ion:248 Resp: 355063

Ion Ratio Lower Upper

248 100

250 96.5 76.9 115.3

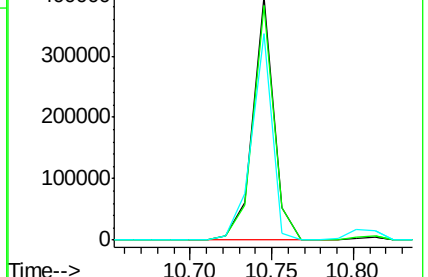
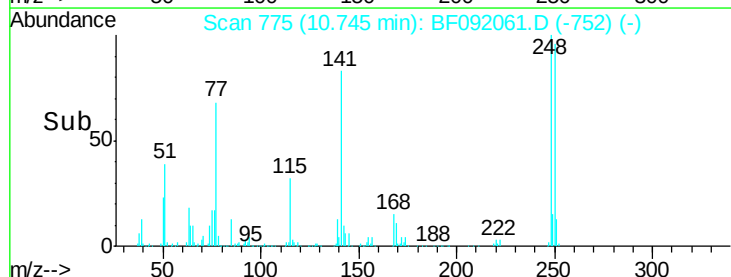
141 84.9 68.2 102.4

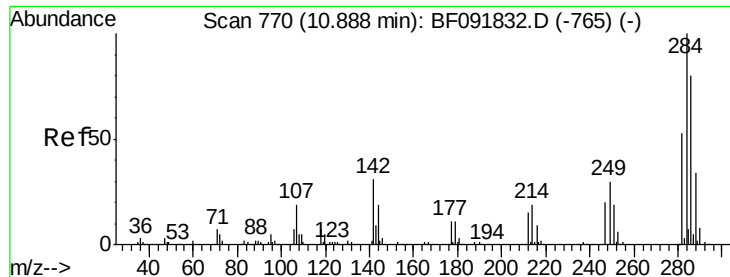


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

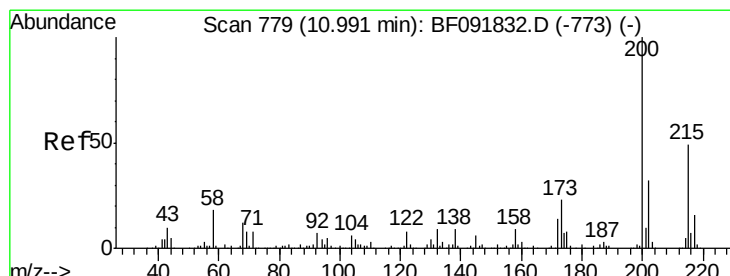
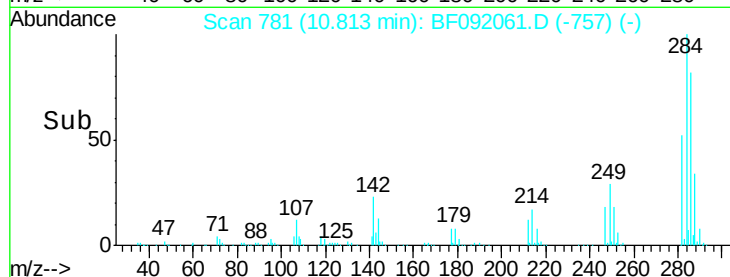
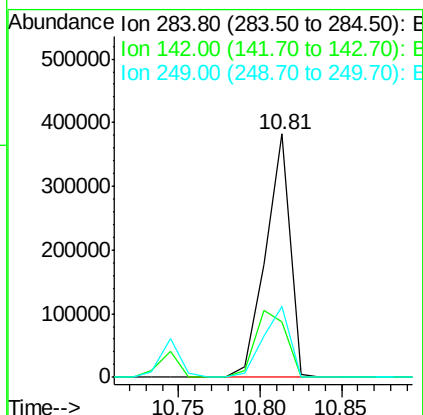
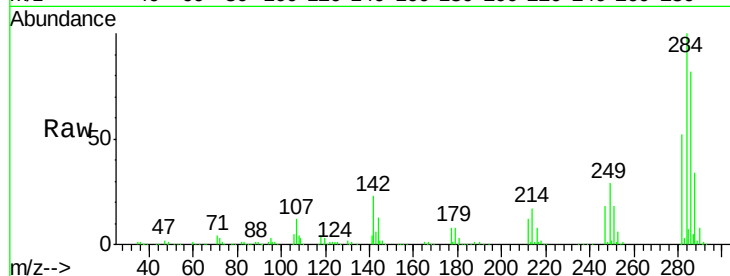




#67
Hexachlorobenzene
Concen: 40.80 ng
RT: 10.81 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

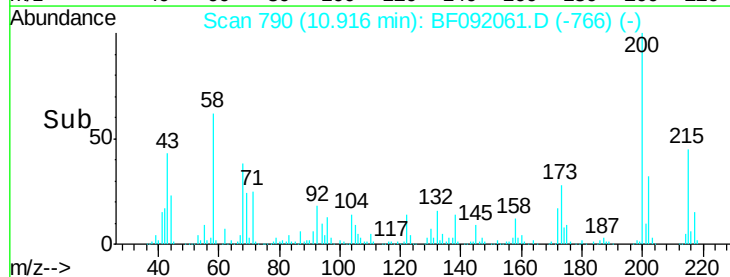
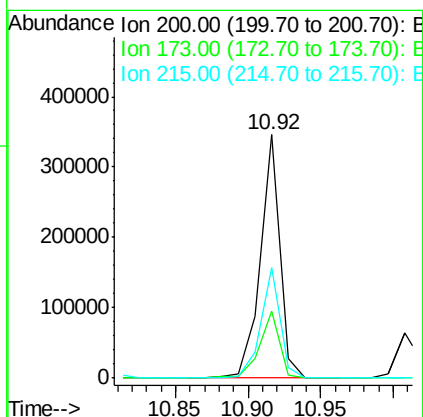
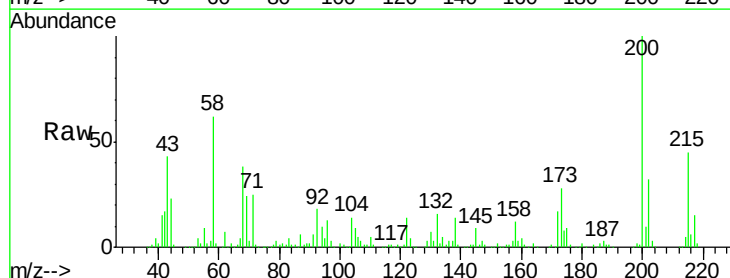
Instrument :
BNA_F
ClientSampleId :
PB95723BS

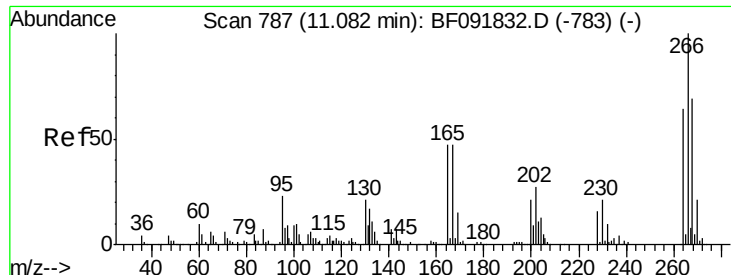
Tgt Ion:284 Resp: 400252
Ion Ratio Lower Upper
284 100
142 22.7 22.6 33.8
249 29.0 25.4 38.0



#68
Atrazine
Concen: 38.29 ng
RT: 10.92 min Scan# 790
Delta R.T. -0.03 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion:200 Resp: 323389
Ion Ratio Lower Upper
200 100
173 27.7 9.6 49.6
215 45.1 25.7 65.7

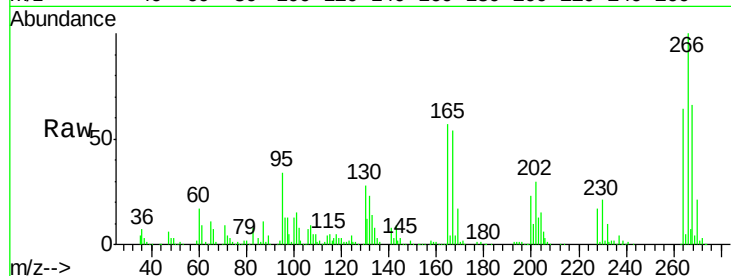




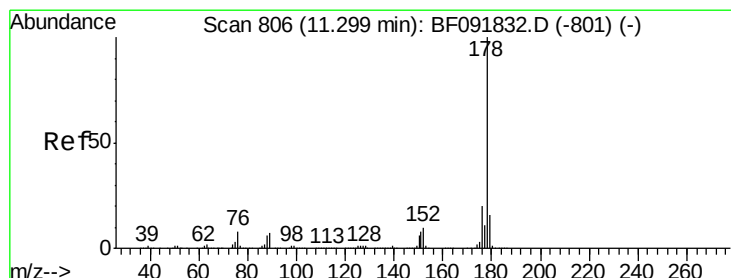
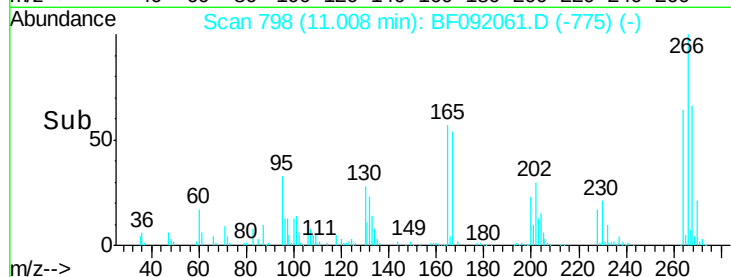
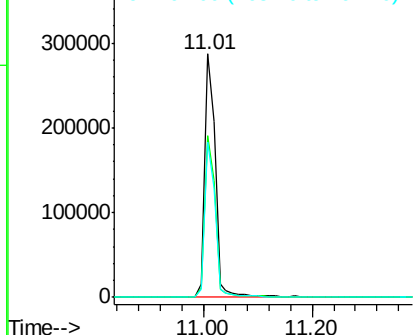
#69
 Pentachlorophenol
 Concen: 80.62 ng
 RT: 11.01 min Scan# 798
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB95723BS

Tgt Ion:266 Resp: 388068
 Ion Ratio Lower Upper
 266 100
 268 66.2 53.3 79.9
 264 63.8 50.3 75.5

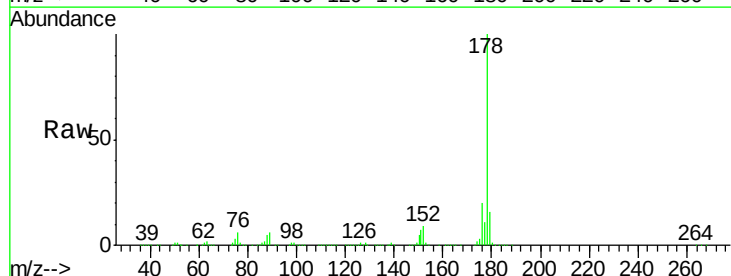


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

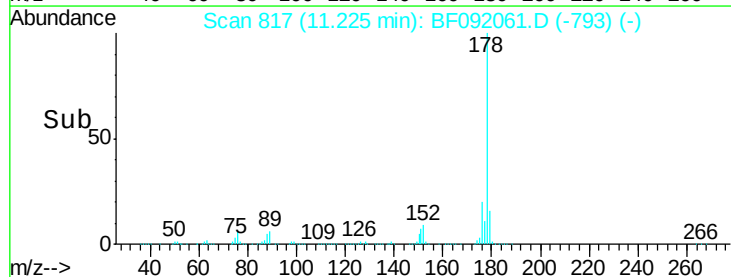
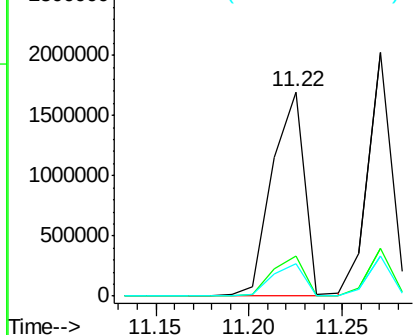


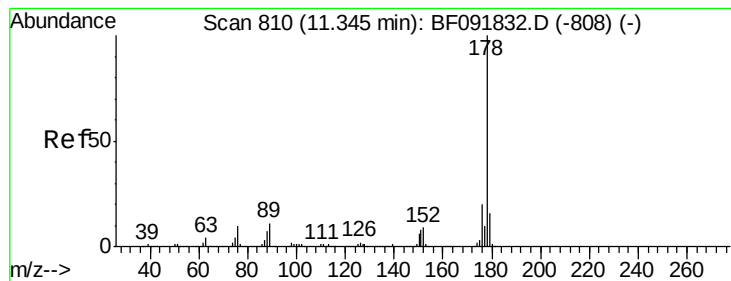
#70
 Phenanthrene
 Concen: 42.79 ng
 RT: 11.22 min Scan# 817
 Delta R.T. -0.03 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Tgt Ion:178 Resp: 2047042
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.7 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: 40.53 ng

RT: 11.27 min Scan# 821

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

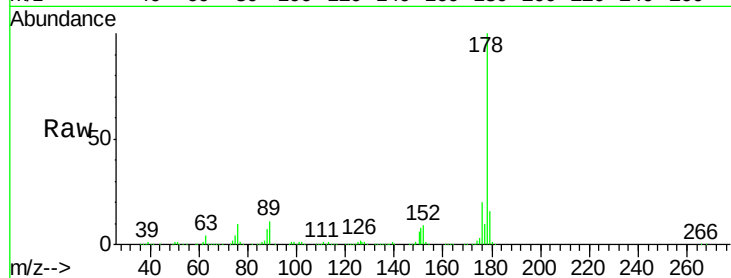
Tgt Ion:178 Resp: 1778459

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

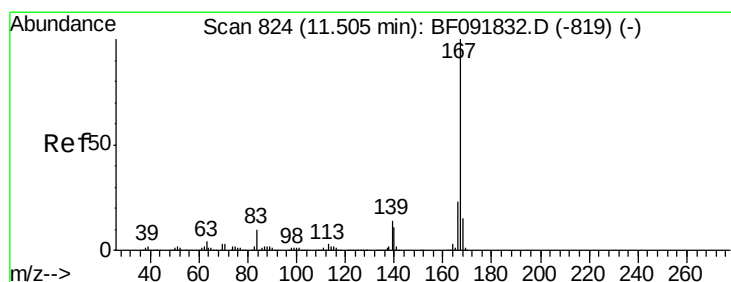
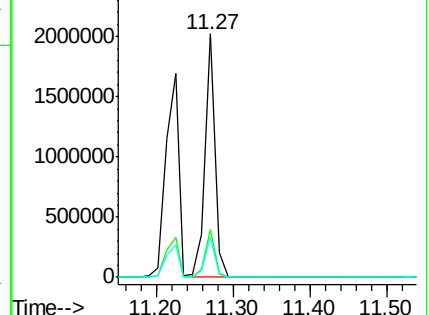
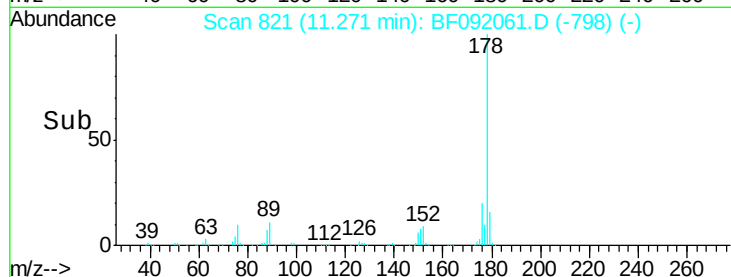
179 16.5 13.2 19.8



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: 37.50 ng

RT: 11.43 min Scan# 835

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

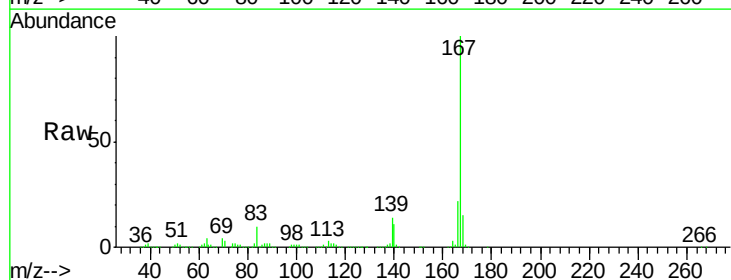
Tgt Ion:167 Resp: 1587096

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.2

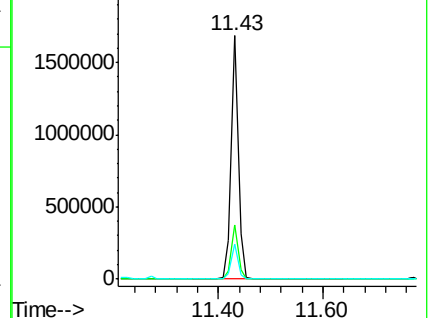
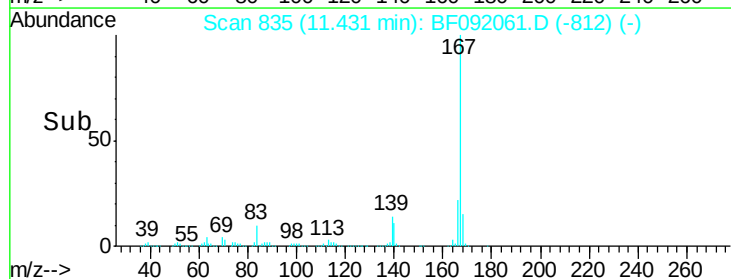
139 14.4 11.4 17.2

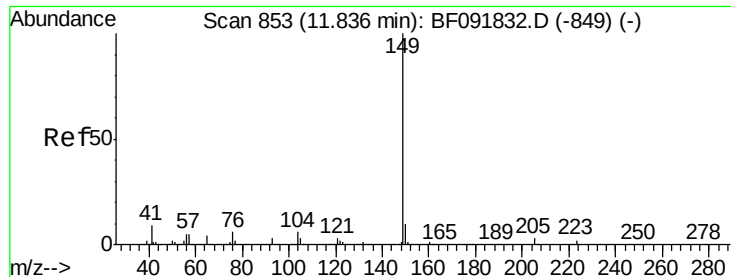


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.49 ng

RT: 11.77 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampled :

PB95723BS

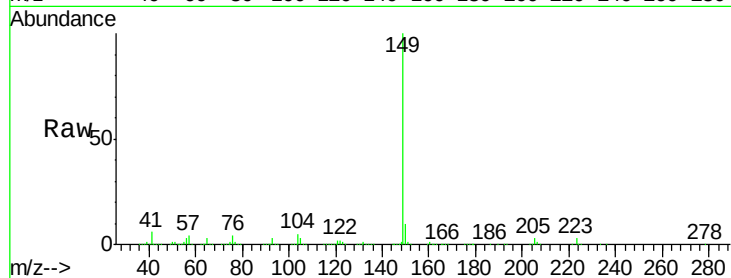
Tgt Ion:149 Resp: 2183686

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

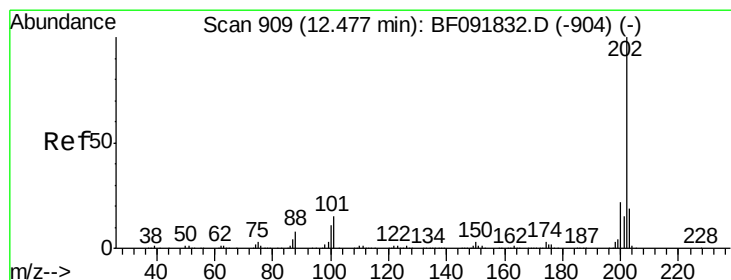
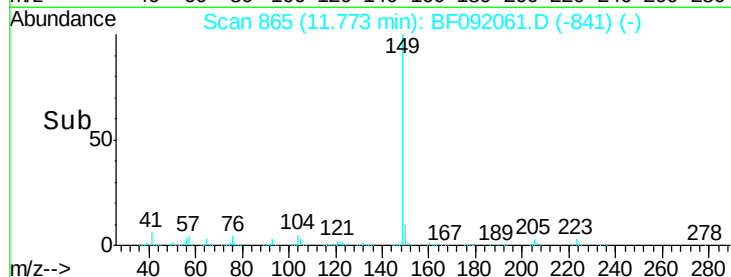
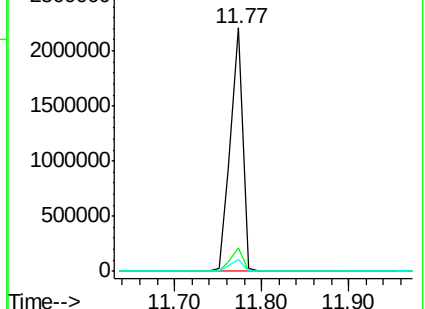
104 4.8 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.60 ng

RT: 12.40 min Scan# 920

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

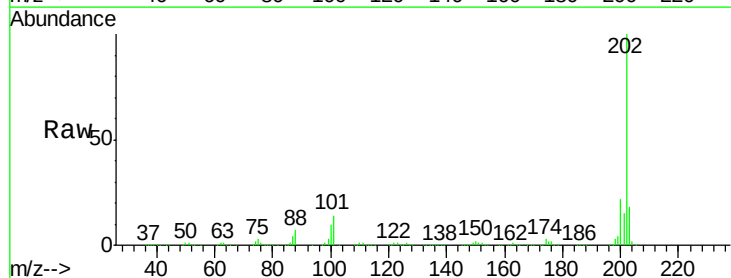
Tgt Ion:202 Resp: 1911850

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.6

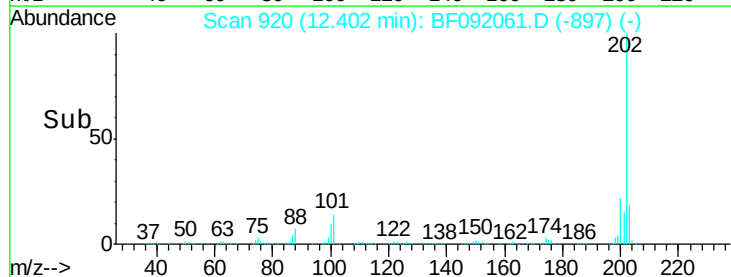
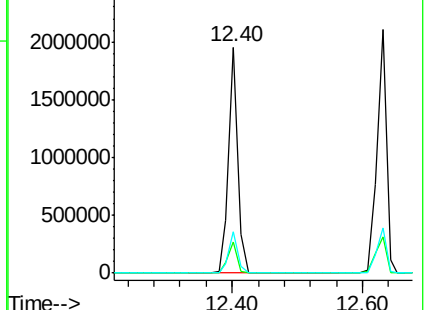
203 18.3 0.0 38.7

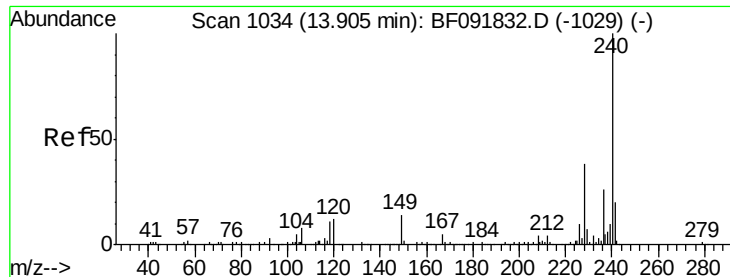


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1045

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

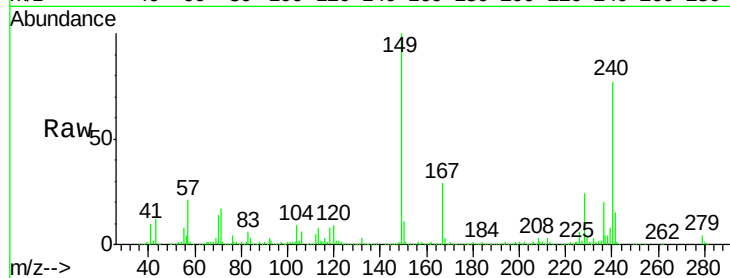
Tgt Ion:240 Resp: 691375

Ion Ratio Lower Upper

240 100

120 12.0 12.9 19.3#

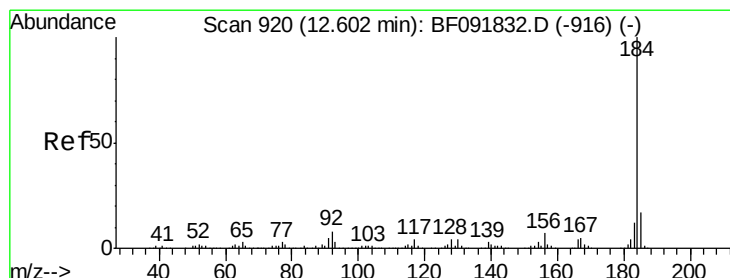
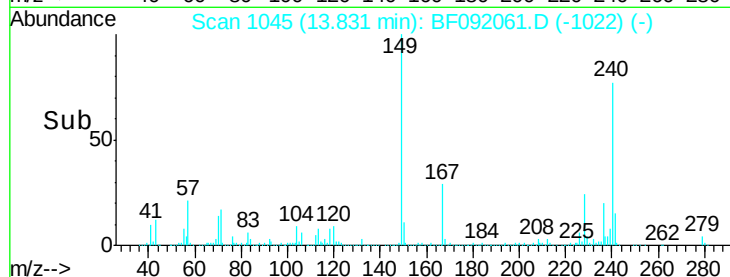
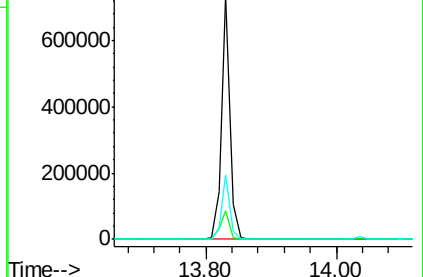
236 26.4 20.9 31.3



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: 30.45 ng

RT: 12.53 min Scan# 931

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

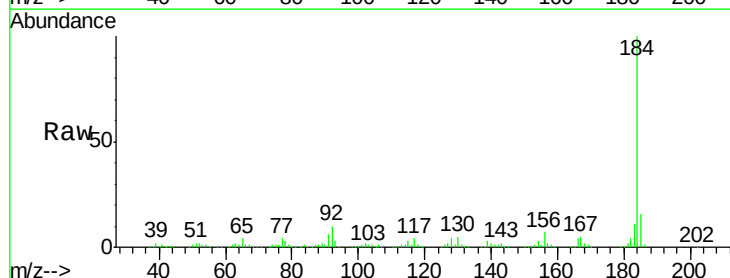
Tgt Ion:184 Resp: 581072

Ion Ratio Lower Upper

184 100

185 15.6 13.4 20.0

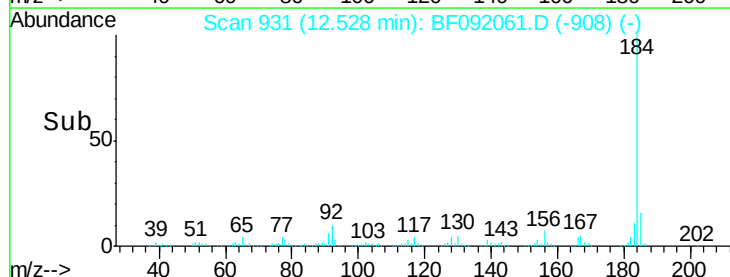
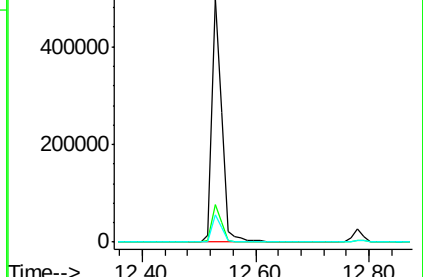
183 11.0 9.2 13.8

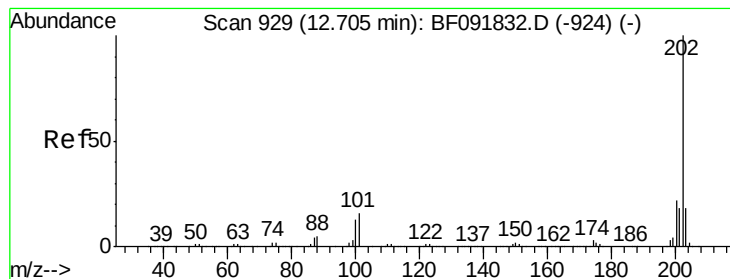


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.97 ng

RT: 12.63 min Scan# 940

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampled :

PB95723BS

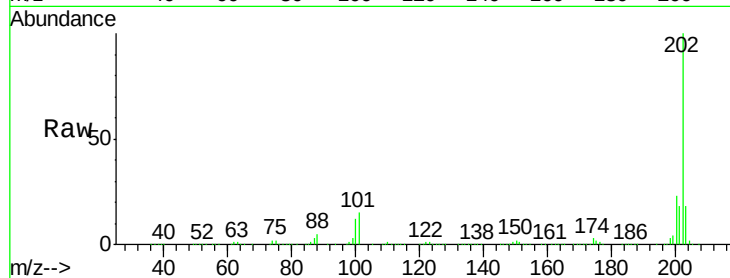
Tgt Ion:202 Resp: 2078194

Ion Ratio Lower Upper

202 100

200 22.6 17.7 26.5

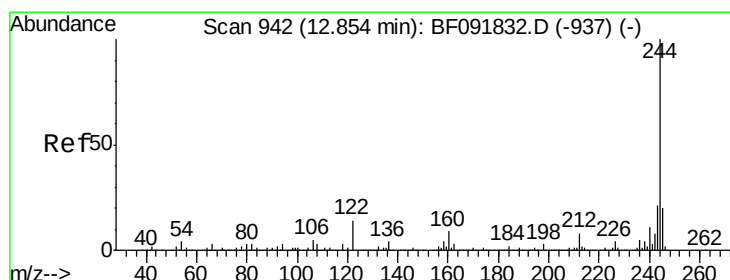
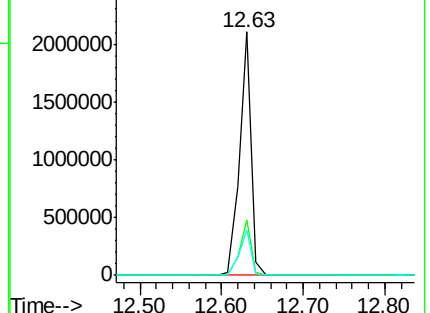
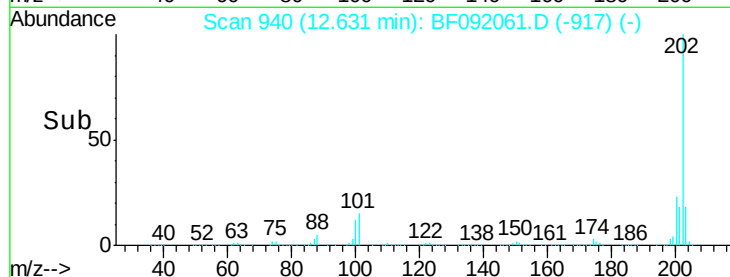
203 18.5 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.59 ng

RT: 12.78 min Scan# 953

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

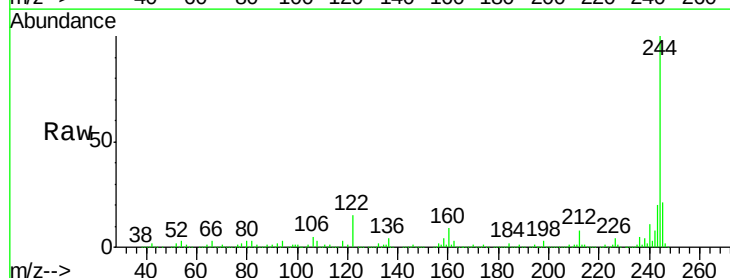
Tgt Ion:244 Resp: 2411303

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

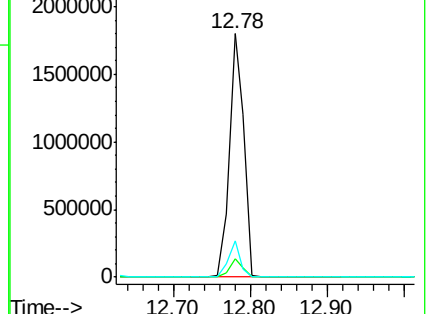
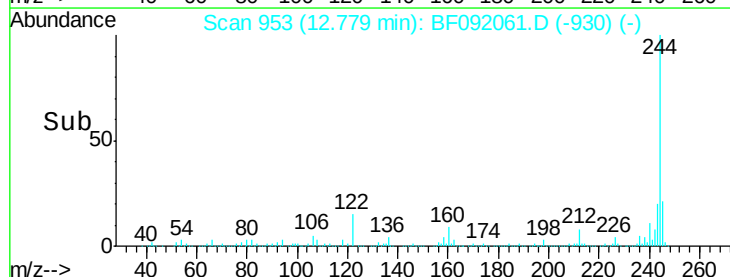
122 14.8 11.4 17.2

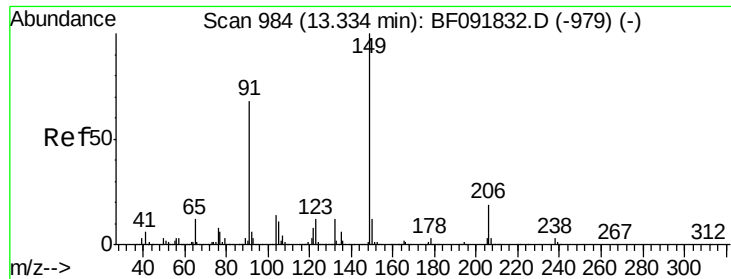


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

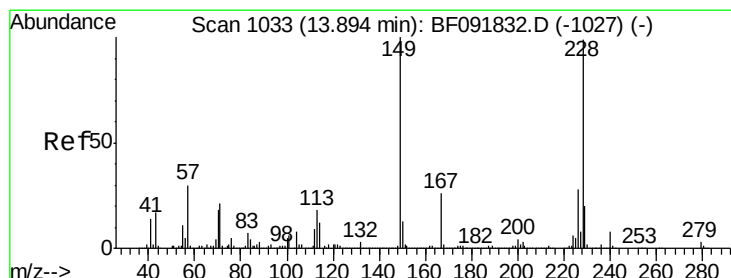
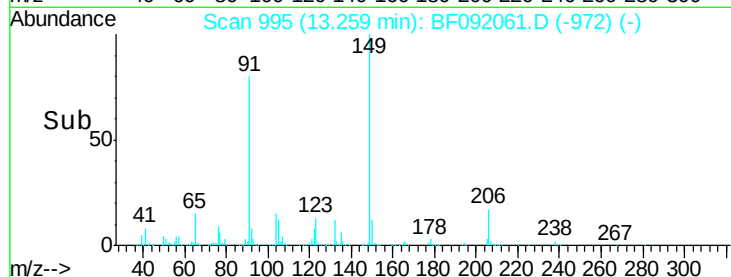
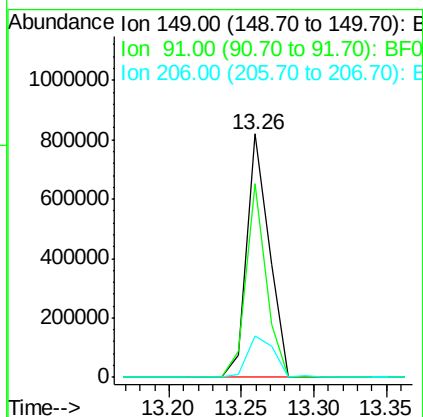
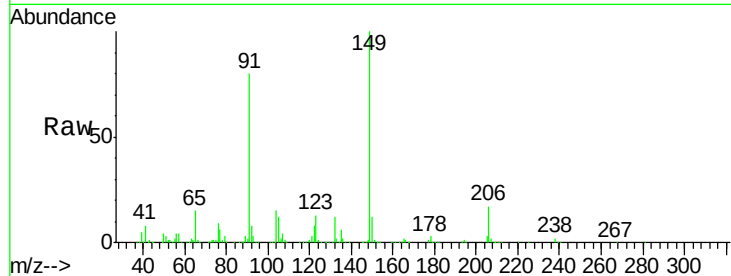




#79
Butylbenzylphthalate
Concen: 38.13 ng
RT: 13.26 min Scan# 995
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

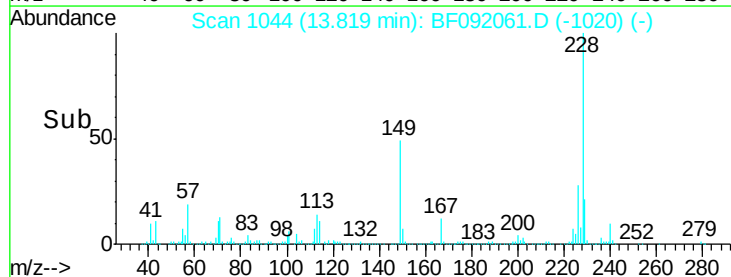
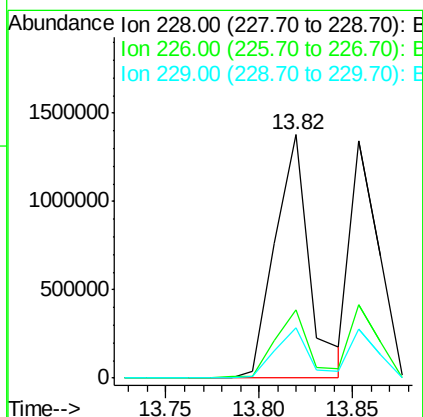
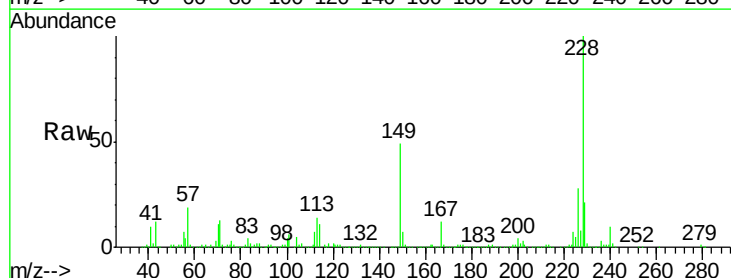
Instrument :
BNA_F
ClientSampleId :
PB95723BS

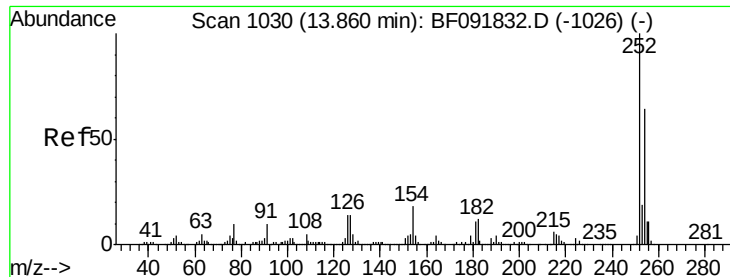
Tgt Ion:149 Resp: 879793
Ion Ratio Lower Upper
149 100
91 79.8 63.9 95.9
206 17.1 14.6 21.8



#80
Benzo(a)anthracene
Concen: 45.41 ng
RT: 13.82 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion:228 Resp: 1772368
Ion Ratio Lower Upper
228 100
226 28.3 22.4 33.6
229 20.7 16.2 24.4

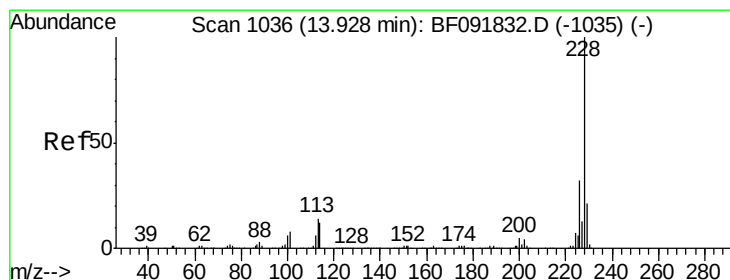
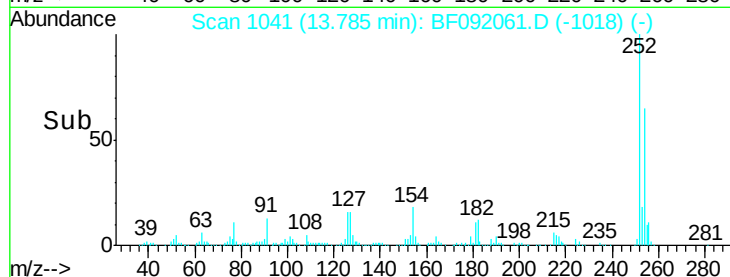
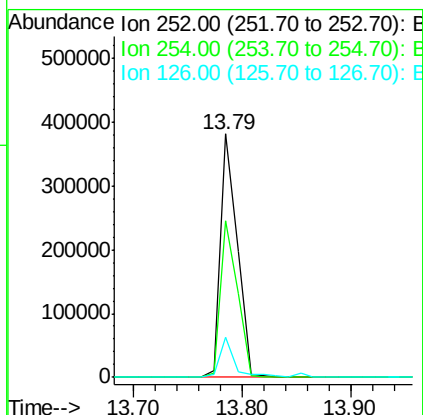
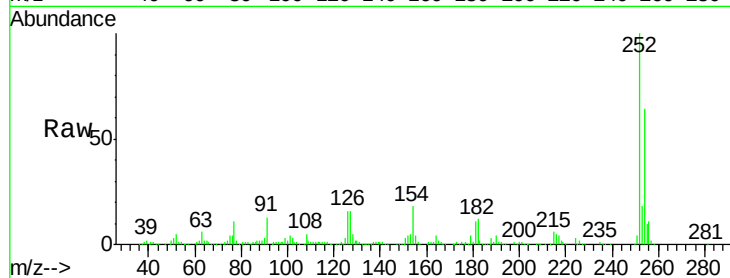




#81
 3,3'-Dichlorobenzidine
 Concen: 27.87 ng
 RT: 13.79 min Scan# 1041
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

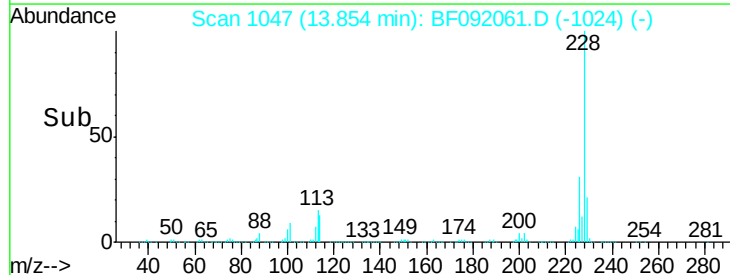
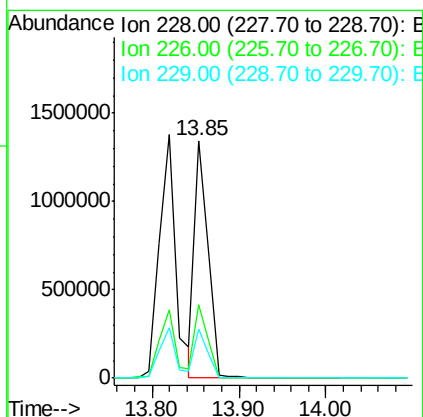
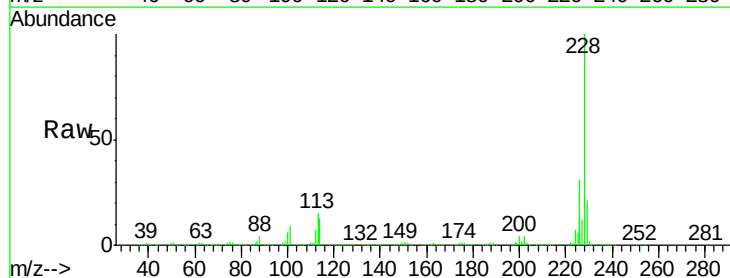
Instrument :
 BNA_F
 ClientSampleId :
 PB95723BS

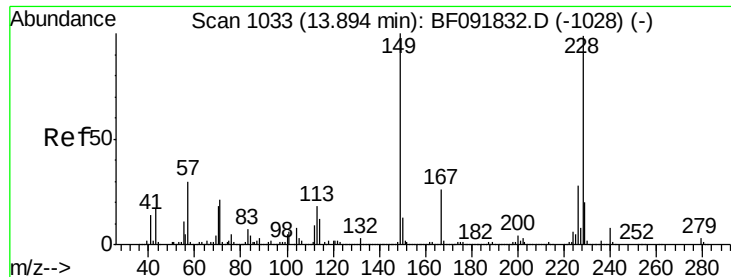
Tgt Ion:252 Resp: 412395
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.3 78.5
 126 16.4 13.6 20.4



#82
 Chrysene
 Concen: 36.48 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Tgt Ion:228 Resp: 1428179
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.4 38.0
 229 20.7 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.53 ng

RT: 13.83 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

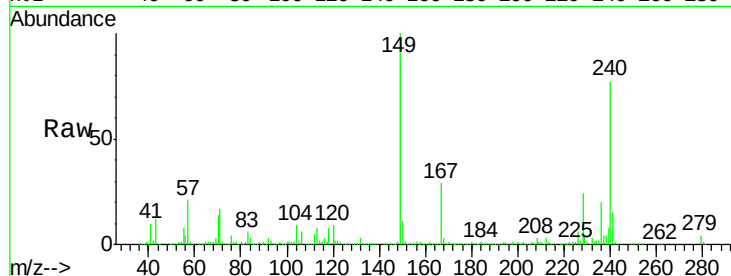
Tgt Ion:149 Resp: 1155469

Ion Ratio Lower Upper

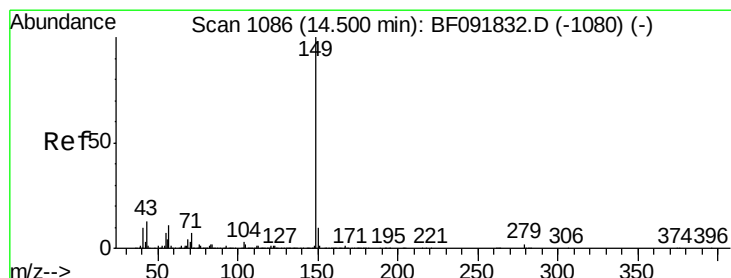
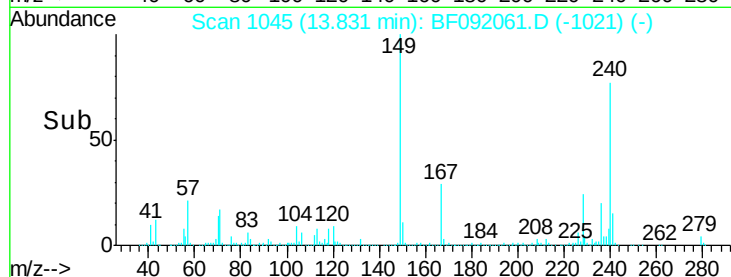
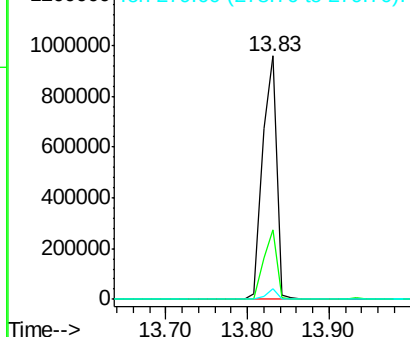
149 100

167 28.6 20.2 30.4

279 4.1 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: 40.76 ng

RT: 14.44 min Scan# 1098

Delta R.T. -0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

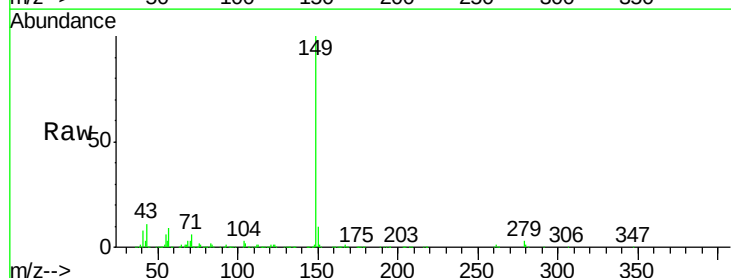
Tgt Ion:149 Resp: 2051438

Ion Ratio Lower Upper

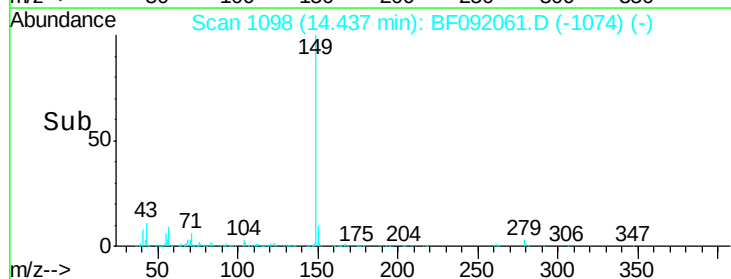
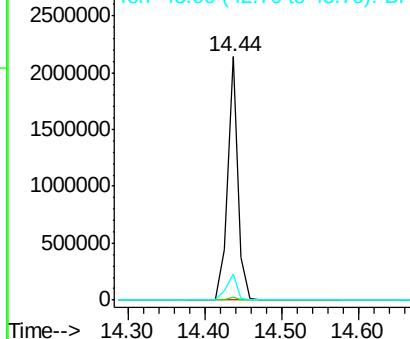
149 100

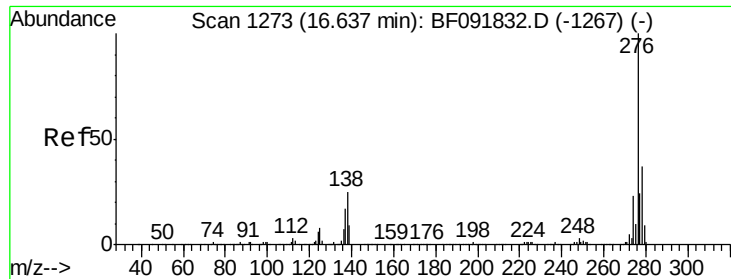
167 1.5 1.3 1.9

43 10.9 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: 43.42 ng

RT: 16.51 min Scan# 1279

Delta R.T. -0.06 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

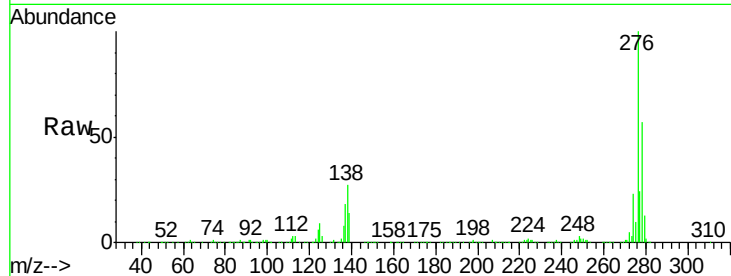
Tgt Ion:276 Resp: 1472573

Ion Ratio Lower Upper

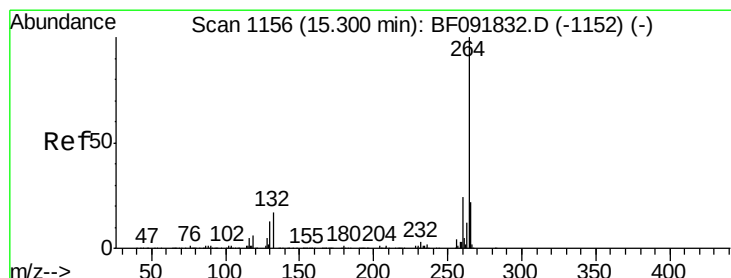
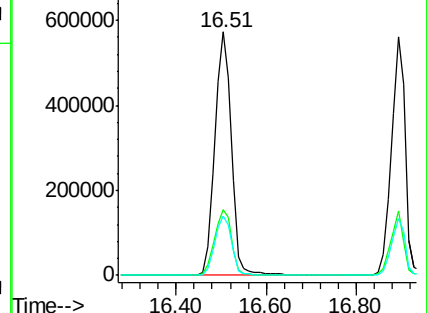
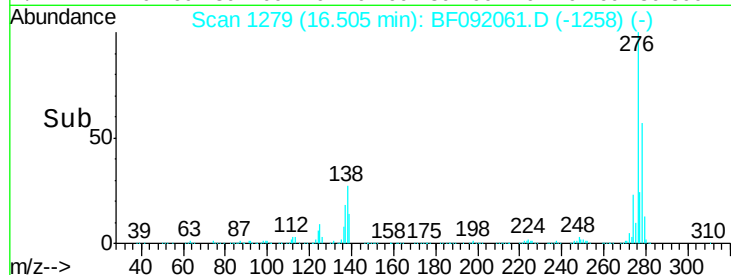
276 100

138 28.0 21.8 32.6

277 24.8 20.2 30.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.20 min Scan# 1165

Delta R.T. -0.05 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

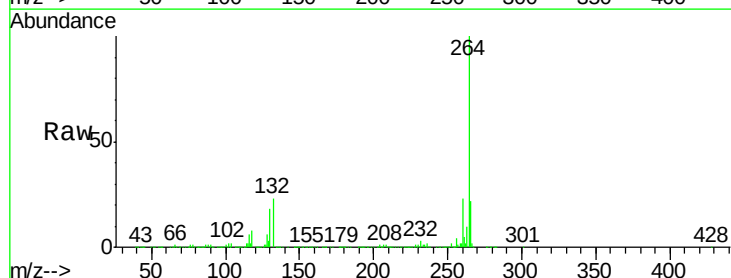
Tgt Ion:264 Resp: 732041

Ion Ratio Lower Upper

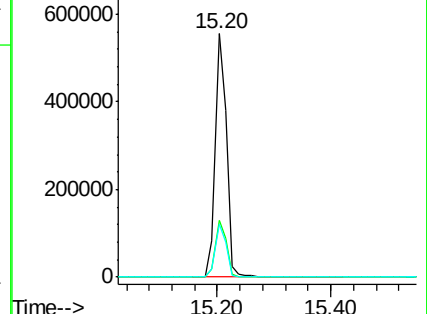
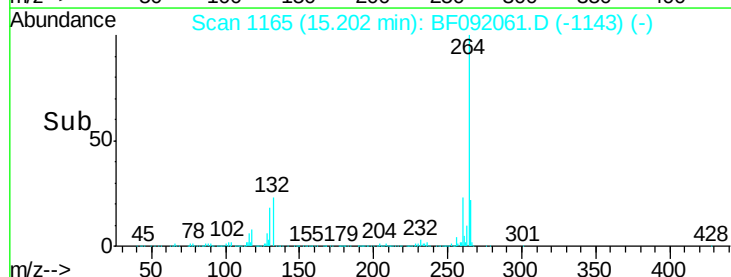
264 100

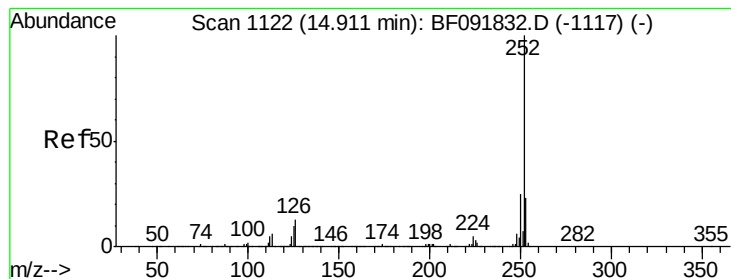
260 23.3 19.2 28.8

265 21.8 17.4 26.0



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





#87

Benzo(b)fluoranthene

Concen: 72.59 ng

RT: 14.86 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

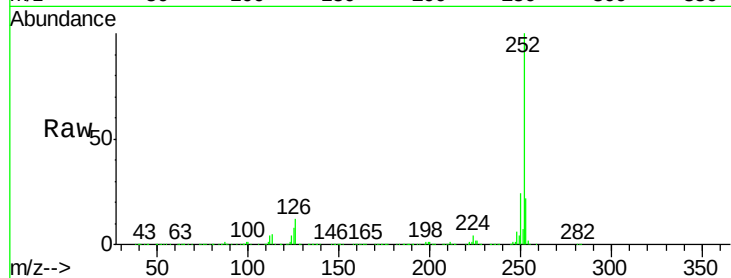
Tgt Ion:252 Resp: 3308497

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

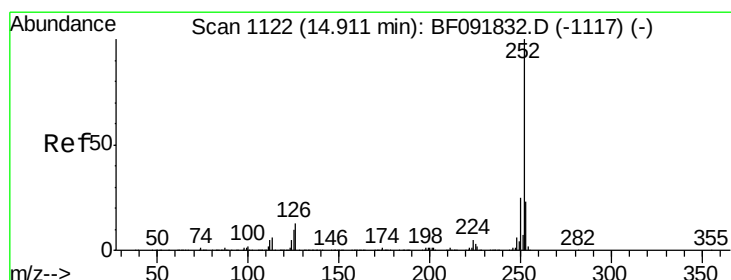
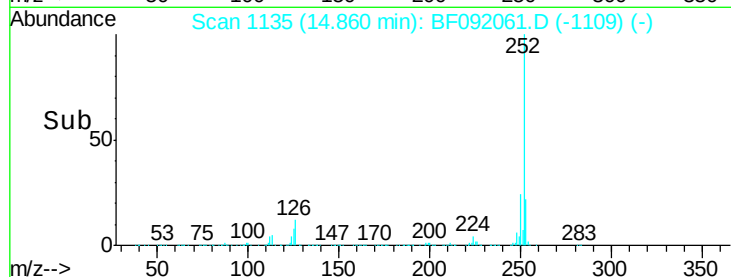
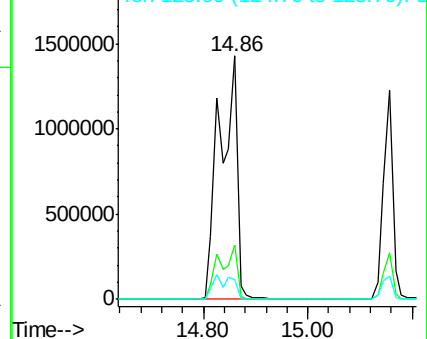
125 8.3 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 85.15 ng

RT: 14.86 min Scan# 1135

Delta R.T. -0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

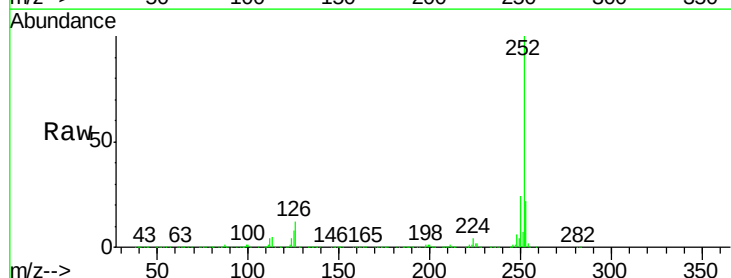
Tgt Ion:252 Resp: 3309338

Ion Ratio Lower Upper

252 100

253 22.4 18.5 27.7

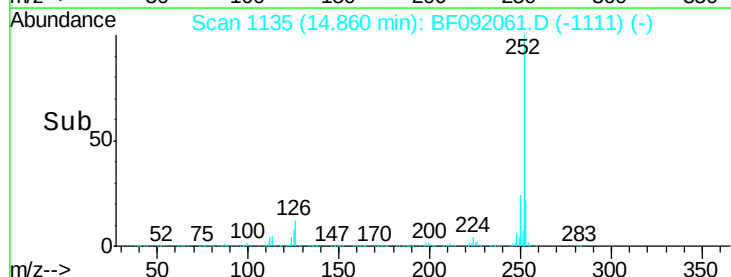
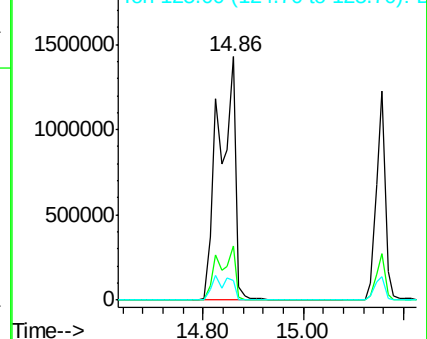
125 8.3 8.9 13.3#

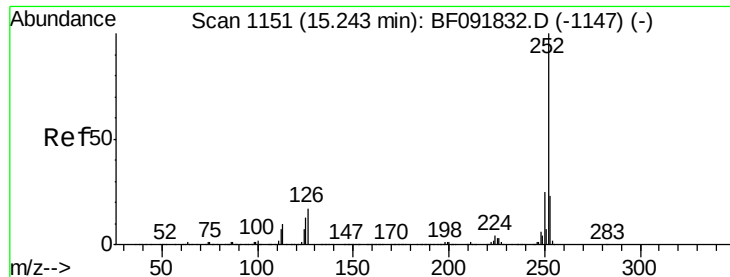


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

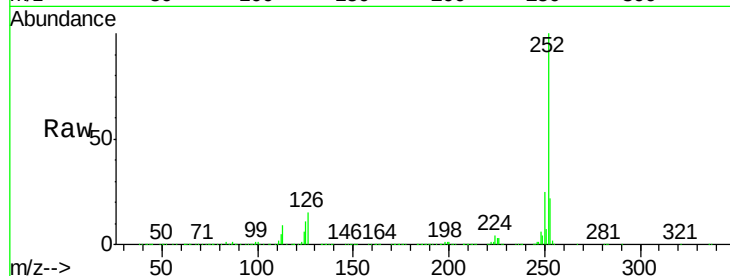




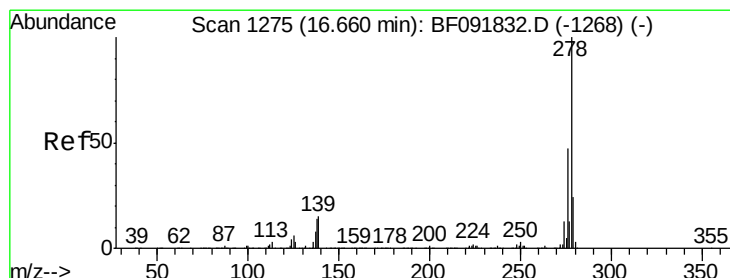
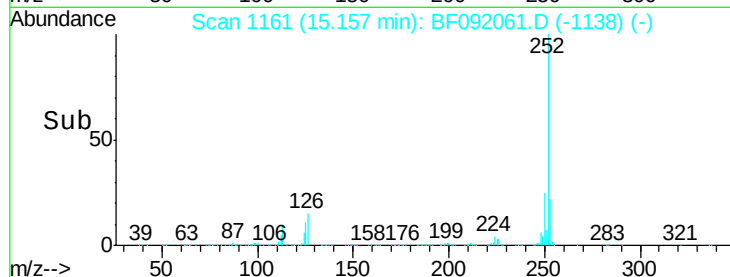
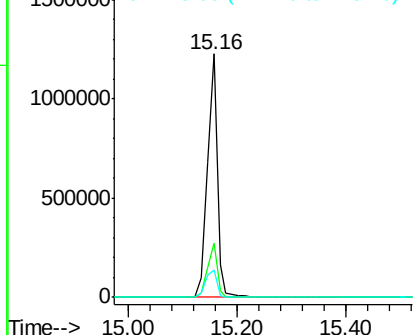
#89
Benzo(a)pyrene
Concen: 37.83 ng
RT: 15.16 min Scan# 1161
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
PB95723BS

Tgt Ion:252 Resp: 1530152
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 11.5 10.0 15.0

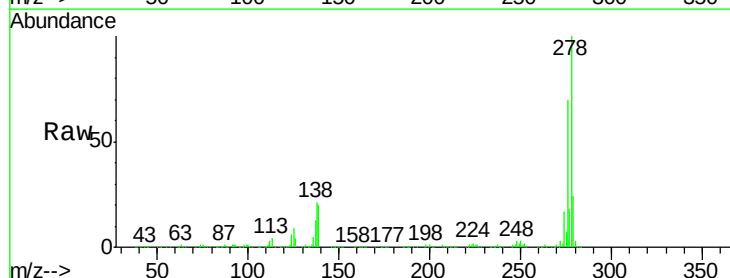


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

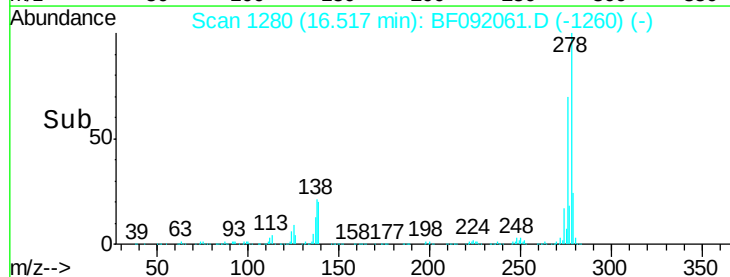
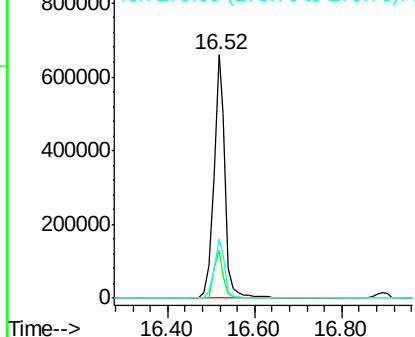


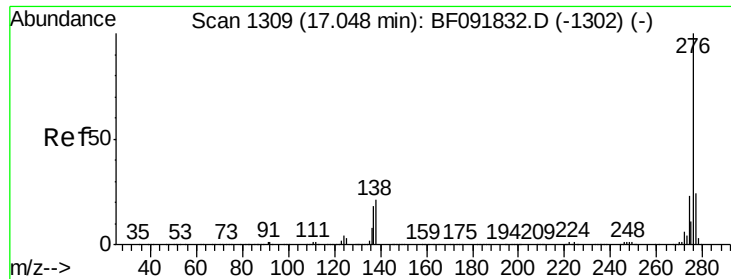
#90
Dibenzo(a,h)anthracene
Concen: 36.41 ng
RT: 16.52 min Scan# 1280
Delta R.T. -0.07 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion:278 Resp: 1210527
Ion Ratio Lower Upper
278 100
139 19.6 14.8 22.2
279 24.5 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 34.99 ng

RT: 16.89 min Scan# 1313

Delta R.T. -0.07 min

Lab File: BF092061.D

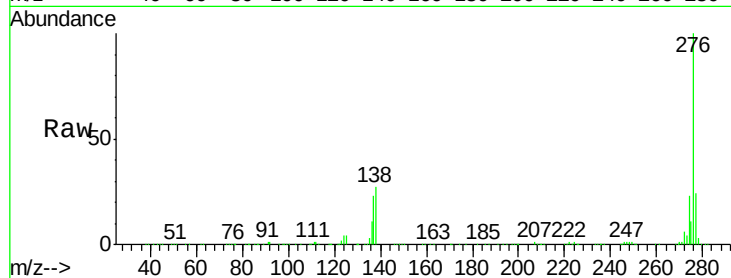
Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS



Tgt Ion: 276 Resp: 1209554

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 27.2 16.0 24.0#

