

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
 Data File : BF092112.D
 Acq On : 6 Jan 2017 13:02
 Operator : UM/SJ
 Sample : PB95751BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BSD

Quant Time: Jan 06 22:23:10 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	188385	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	797430	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	428587	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	551090	20.00	ng	0.00
75) Chrysene-d12	13.79	240	419709	20.00	ng	0.00
86) Perylene-d12	15.15	264	352625	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1626694	144.18	ng	0.02
7) Phenol-d6	6.31	99	1945686	141.25	ng	0.00
23) Nitrobenzene-d5	7.21	82	1257377	87.68	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	425820	120.05	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	2115437	104.02	ng	0.00
78) Terphenyl-d14	12.75	244	1821774	105.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	236648	42.60	ng	97
3) Pyridine	2.82	79	605586	31.24	ng	96
4) n-Nitrosodimethylamine	2.78	42	286761	39.21	ng	98
6) Aniline	6.31	93	218319	12.20	ng	# 87
8) 2-Chlorophenol	6.44	128	617789	48.14	ng	91
9) Benzaldehyde	6.18	77	50134	4.68	ng	92
10) Phenol	6.32	94	647245	41.23	ng	# 77
11) bis(2-Chloroethyl)ether	6.39	93	616128	49.33	ng	95
12) 1,3-Dichlorobenzene	6.58	146	632342	46.16	ng	97
13) 1,4-Dichlorobenzene	6.58	146	632342	45.35	ng	94
14) 1,2-Dichlorobenzene	6.81	146	569892	47.10	ng	99
15) Benzyl Alcohol	6.80	79	450758	42.12	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	857461	46.10	ng	85
17) 2-Methylphenol	6.93	107	492505	47.72	ng	94
18) Hexachloroethane	7.16	117	232754	45.02	ng	96
19) n-Nitroso-di-n-propylamine	7.08	70	472501	51.56	ng	93
20) 3+4-Methylphenols	7.09	107	683030	55.48	ng	# 73
22) Acetophenone	7.06	105	893217	45.41	ng	# 90
24) Nitrobenzene	7.24	77	708713	46.40	ng	93
25) Isophorone	7.48	82	1204314	45.52	ng	96
26) 2-Nitrophenol	7.56	139	337610	44.82	ng	# 81
27) 2,4-Dimethylphenol	7.61	122	556548	44.55	ng	93
28) bis(2-Chloroethoxy)methane	7.69	93	734669	45.79	ng	99
29) 2,4-Dichlorophenol	7.81	162	505061	47.74	ng	97
30) 1,2,4-Trichlorobenzene	7.88	180	512226	44.19	ng	97
31) Naphthalene	7.96	128	1718451	47.09	ng	99
32) Benzoic acid	7.76	122	424723	45.84	ng	98
33) 4-Chloroaniline	8.01	127	98795	6.00	ng	95
34) Hexachlorobutadiene	8.07	225	262442	42.89	ng	100
35) Caprolactam	8.39	113	110761	31.86	ng	# 82
36) 4-Chloro-3-methylphenol	8.52	107	542090	44.53	ng	100
37) 2-Methylnaphthalene	8.64	142	1054287	49.41	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	495529	45.76	ng	99
40) Hexachlorocyclopentadiene	8.80	237	451964	93.04	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

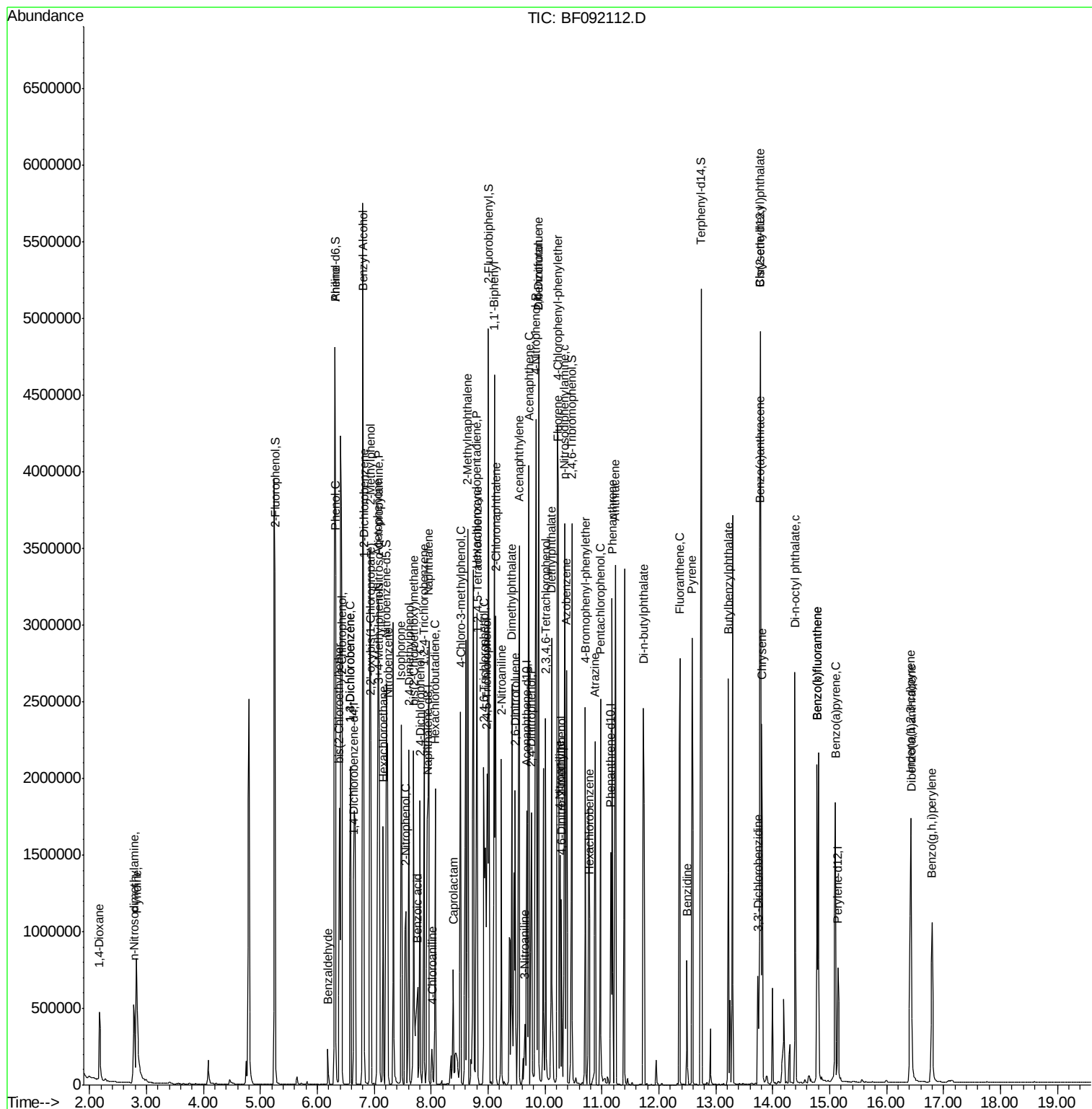
42) 2,4,6-Trichlorophenol	8.93	196	328929	43.44	ng	96
43) 2,4,5-Trichlorophenol	8.98	196	351949	45.16	ng	# 86
45) 1,1'-Biphenyl	9.11	154	1417918	48.32	ng	98
46) 2-Chloronaphthalene	9.13	162	1071480	46.11	ng	99
47) 2-Nitroaniline	9.24	65	363217	43.90	ng	94
48) Acenaphthylene	9.54	152	1630034	45.61	ng	99
49) Dimethylphthalate	9.42	163	1150789	41.98	ng	98
50) 2,6-Dinitrotoluene	9.48	165	252736	42.12	ng	# 69
51) Acenaphthene	9.72	154	1027990	42.42	ng	99
52) 3-Nitroaniline	9.65	138	78385	10.56	ng	83
53) 2,4-Dinitrophenol	9.76	184	314357	94.16	ng	# 83
54) Dibenzofuran	9.89	168	1346847	41.16	ng	99
55) 4-Nitrophenol	9.84	139	424287	84.16	ng	92
56) 2,4-Dinitrotoluene	9.89	165	368485	48.93	ng	97
57) Fluorene	10.23	166	1133426	47.61	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.01	232	284755	46.20	ng	99
59) Diethylphthalate	10.12	149	1089378	40.92	ng	99
60) 4-Chlorophenyl-phenylether	10.22	204	448042	42.98	ng	99
61) 4-Nitroaniline	10.26	138	295996	38.47	ng	95
62) Azobenzene	10.38	77	1296475	44.23	ng	98
64) 4,6-Dinitro-2-methylphenol	10.29	198	189808	56.96	ng	# 37
65) n-Nitrosodiphenylamine	10.34	169	914144	55.90	ng	99
66) 4-Bromophenyl-phenylether	10.71	248	326185	56.90	ng	92
67) Hexachlorobenzene	10.78	284	314458	51.32	ng	# 82
68) Atrazine	10.88	200	279247	52.94	ng	96
69) Pentachlorophenol	10.97	266	273562	90.99	ng	98
70) Phenanthrene	11.18	178	1227541	41.08	ng	99
71) Anthracene	11.24	178	1493903	68.42	ng	99
72) Carbazole	11.40	167	1349233	Below	Cal	99
73) Di-n-butylphthalate	11.73	149	1784259	64.82	ng	100
74) Fluoranthene	12.37	202	1585782	61.93	ng	91
76) Benzidine	12.49	184	328682	27.91	ng	97
77) Pyrene	12.59	202	1519026	49.33	ng	100
79) Butylbenzylphthalate	13.23	149	734468	52.44	ng	86
80) Benzo(a)anthracene	13.77	228	1182525	49.91	ng	100
81) 3,3'-Dichlorobenzidine	13.74	252	172179	19.17	ng	98
82) Chrysene	13.81	228	1100844	46.32	ng	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	835812	50.67	ng	99
84) Di-n-octyl phthalate	14.39	149	1349580	44.17	ng	99
85) Indeno(1,2,3-cd)pyrene	16.43	276	950274	46.16	ng	99
87) Benzo(b)fluoranthene	14.78	252	1880939	85.68	ng	97
88) Benzo(k)fluoranthene	14.78	252	1881683	100.51	ng	98
89) Benzo(a)pyrene	15.10	252	905519	46.47	ng	97
90) Dibenzo(a,h)anthracene	16.44	278	778260	48.59	ng	96
91) Benzo(g,h,i)perylene	16.80	276	811577	48.73	ng	96

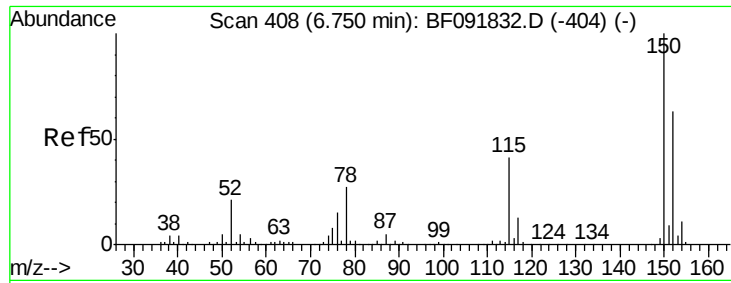
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\  
Data File : BF092112.D  
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Sample    : PB95751BSD  
Misc      :  
ALS Vial  : 5 Sample Multiplier: 1
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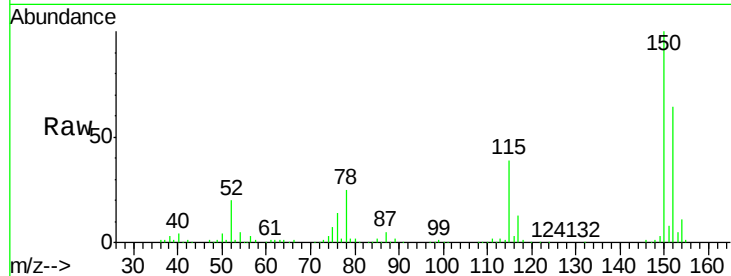




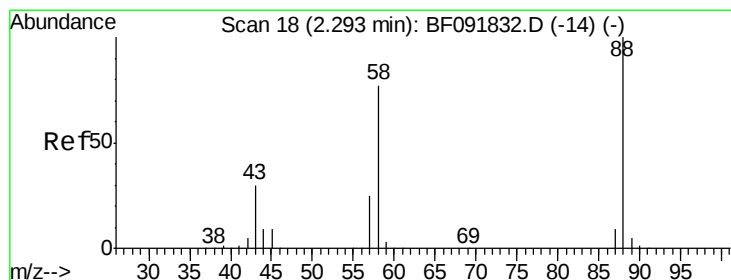
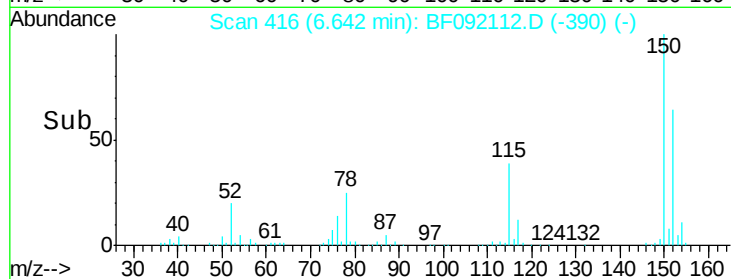
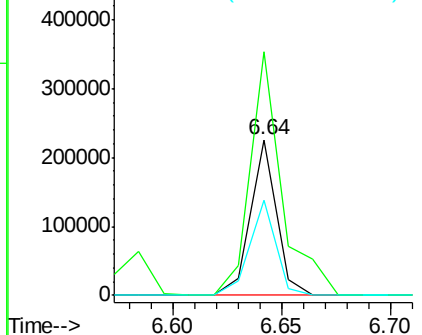
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF092112.D
 Acq: 6 Jan 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BSD

Tgt Ion:152 Resp: 188385
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.9 187.3
 115 61.0 46.0 69.0

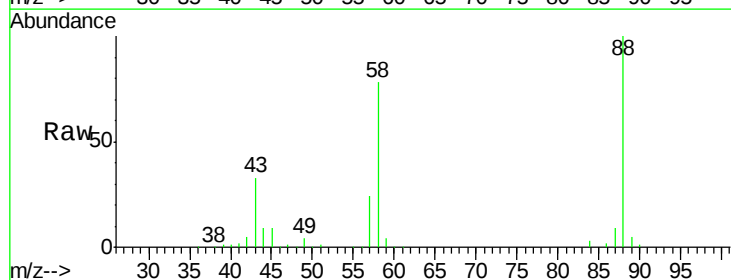


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

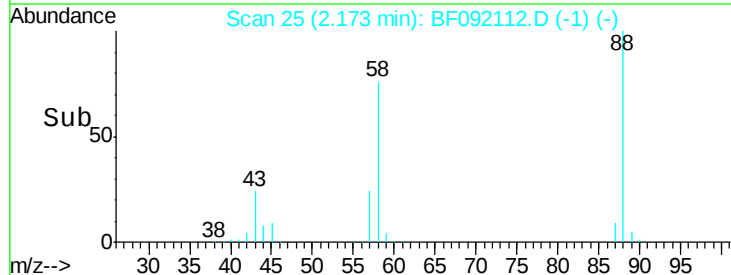
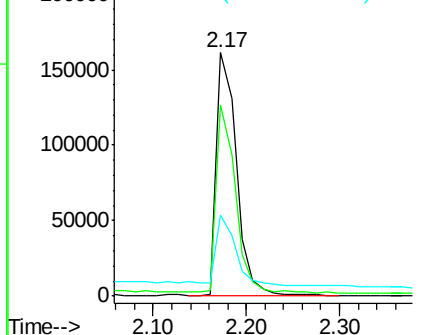


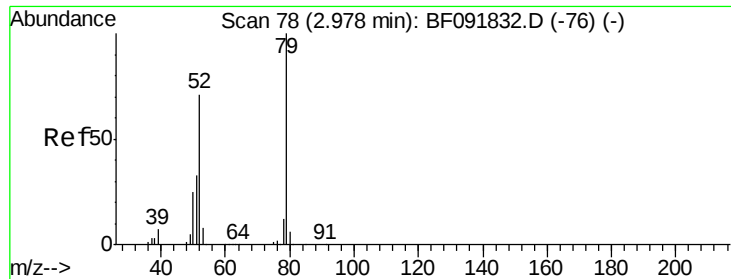
#2
 1,4-Dioxane
 Concen: 42.60 ng
 RT: 2.17 min Scan# 25
 Delta R.T. 0.09 min
 Lab File: BF092112.D
 Acq: 6 Jan 2017 13:02

Tgt Ion: 88 Resp: 236648
 Ion Ratio Lower Upper
 88 100
 58 75.7 57.8 86.8
 43 28.5 22.3 33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.24 ng

RT: 2.82 min Scan# 82

Delta R.T. 0.09 min

Lab File: BF092112.D

Acq: 6 Jan 2017 13:02

Instrument :

BNA_F

ClientSampleId :

PB95751BSD

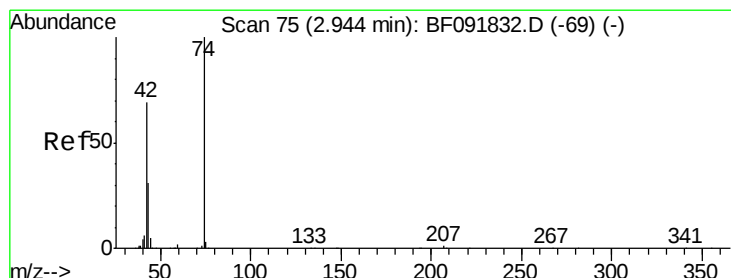
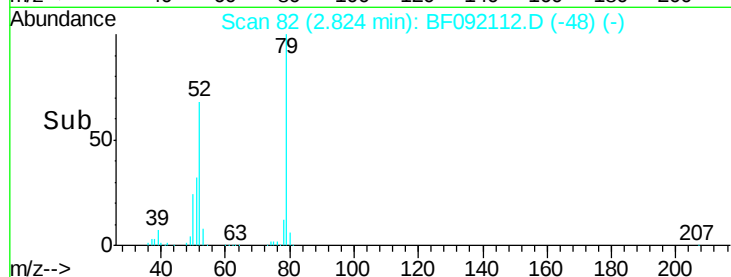
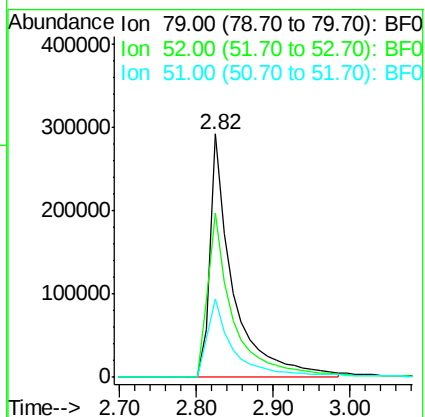
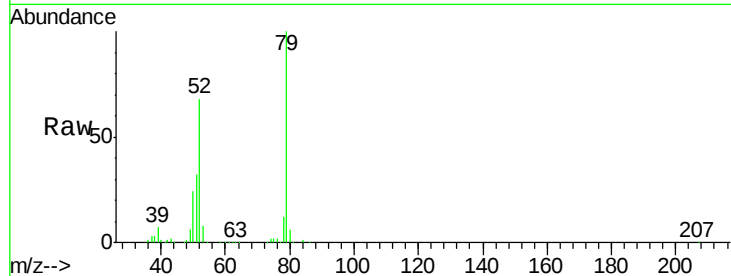
Tgt Ion: 79 Resp: 605586

Ion Ratio Lower Upper

79 100

52 67.6 57.1 85.7

51 32.3 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 39.21 ng

RT: 2.78 min Scan# 78

Delta R.T. 0.09 min

Lab File: BF092112.D

Acq: 6 Jan 2017 13:02

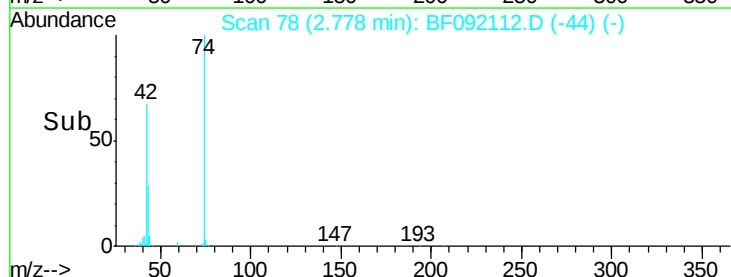
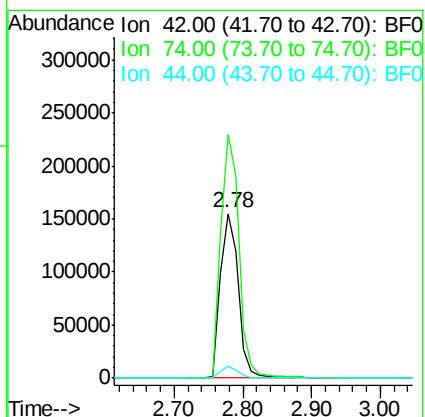
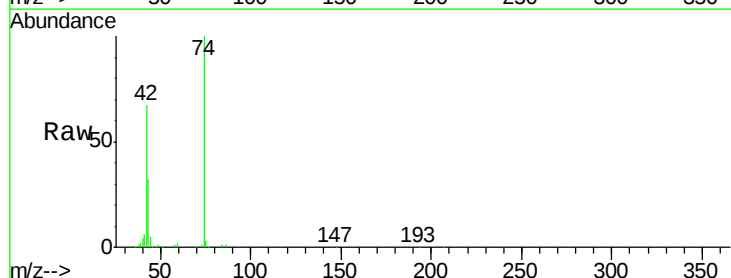
Tgt Ion: 42 Resp: 286761

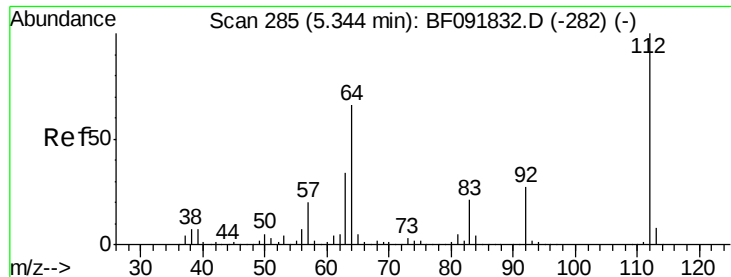
Ion Ratio Lower Upper

42 100

74 148.2 117.0 175.4

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 144.18 ng

RT: 5.26 min Scan# 295

Delta R.T. 0.02 min

Lab File: BF092112.D

Acq: 6 Jan 2017 13:02

Instrument :

BNA_F

ClientSampleId :

PB95751BSD

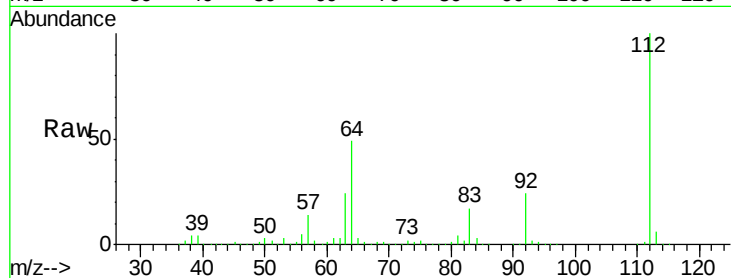
Tgt Ion:112 Resp: 1626694

Ion Ratio Lower Upper

112 100

64 48.7 46.1 69.1

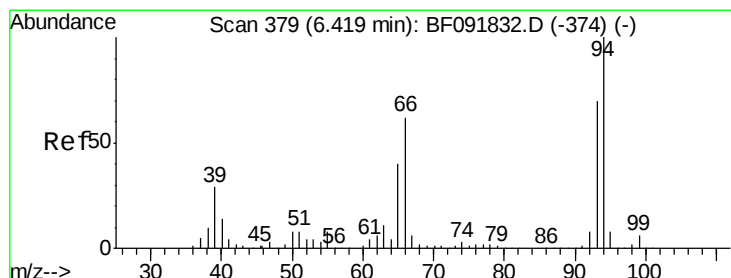
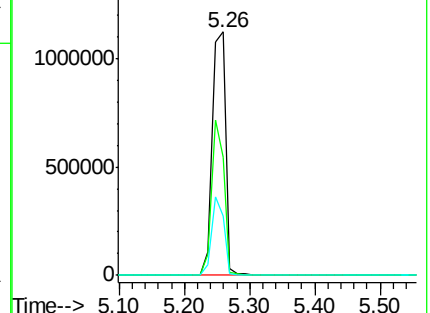
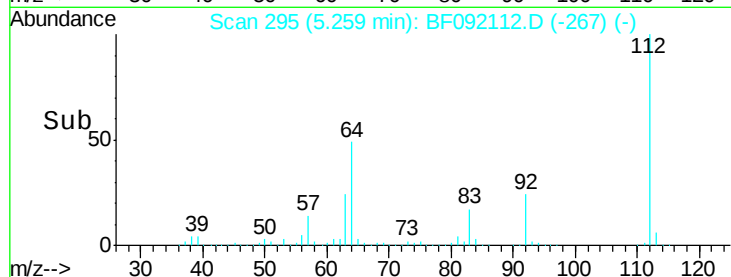
63 24.4 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.20 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092112.D

Acq: 6 Jan 2017 13:02

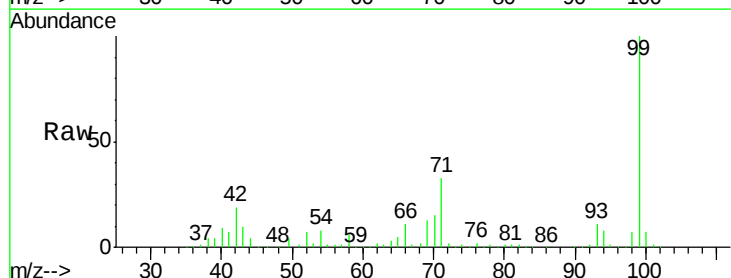
Tgt Ion: 93 Resp: 218319

Ion Ratio Lower Upper

93 100

66 105.0 76.2 114.2

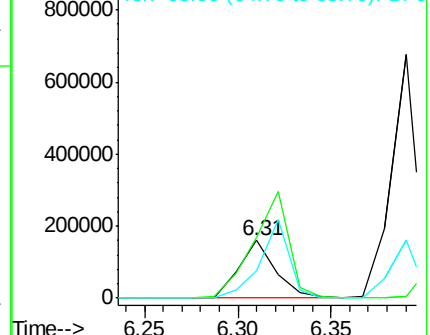
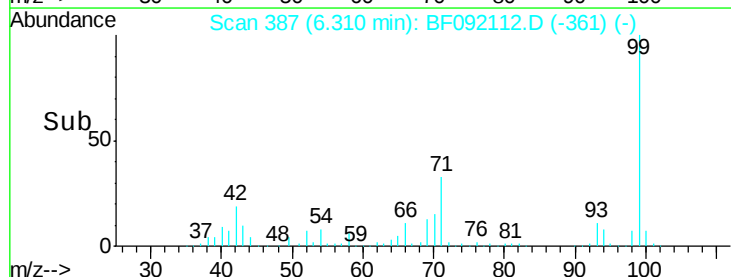
65 47.3 49.3 73.9#

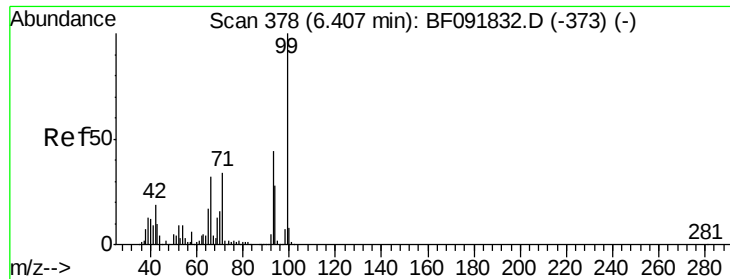


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 141.25 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092112.D

Acq: 6 Jan 2017 13:02

Instrument :

BNA_F

ClientSampleId :

PB95751BSD

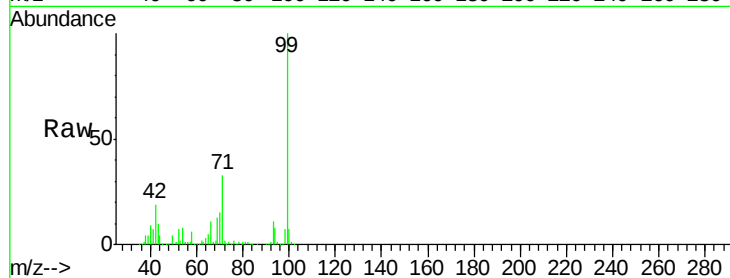
Tgt Ion: 99 Resp: 1945686

Ion Ratio Lower Upper

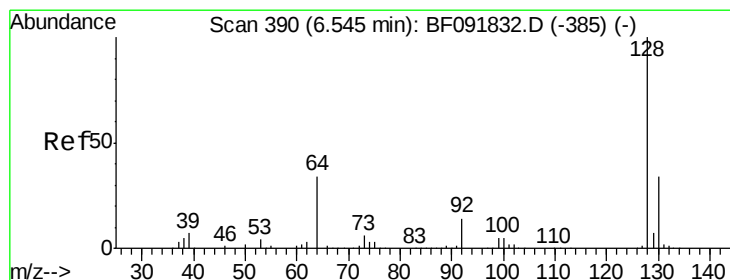
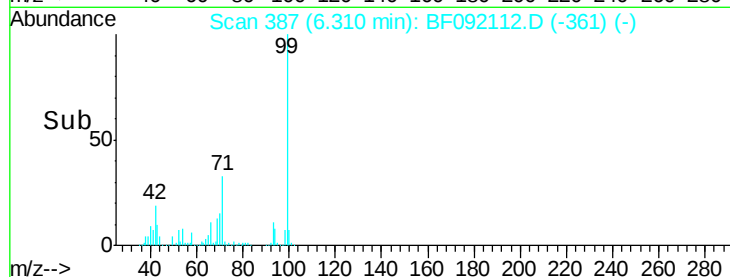
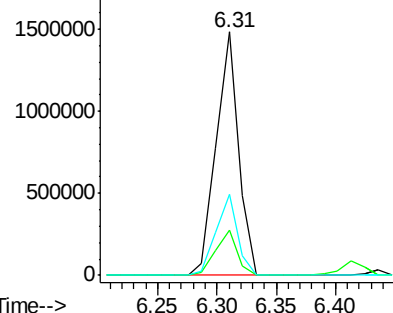
99 100

42 18.6 15.6 23.4

71 33.2 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: 48.14 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF092112.D

Acq: 6 Jan 2017 13:02

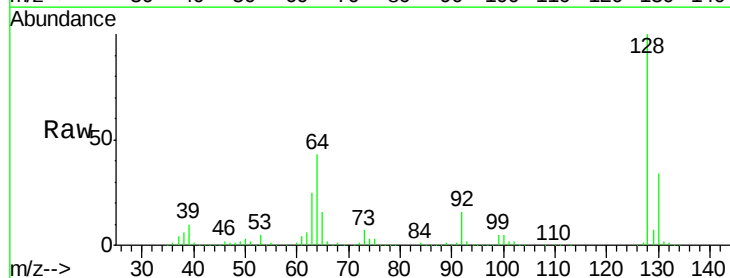
Tgt Ion: 128 Resp: 617789

Ion Ratio Lower Upper

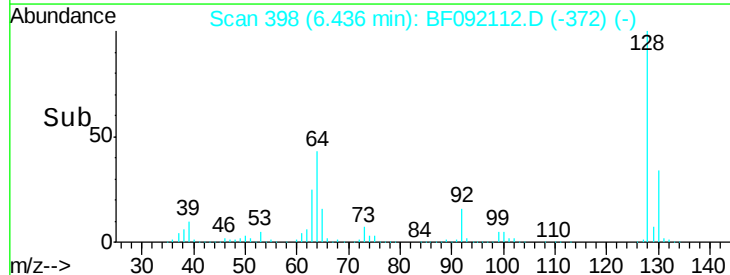
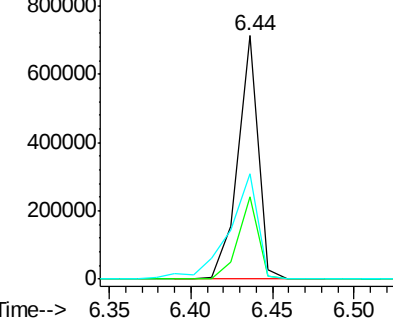
128 100

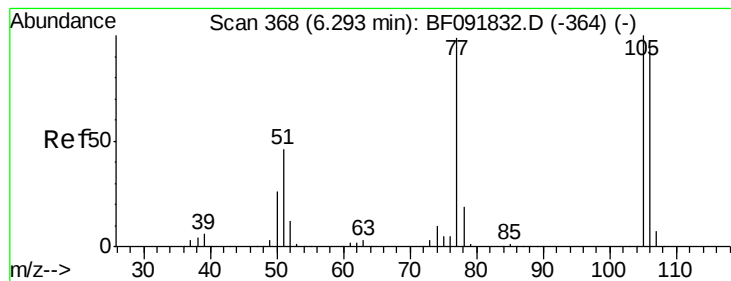
130 33.6 12.3 52.3

64 43.4 32.2 72.2



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





#9

Benzaldehyde

Concen: 4.68 ng

RT: 6.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF092112.D

Acq: 6 Jan 2017 13:02

Instrument :

BNA_F

ClientSampleId :

PB95751BSD

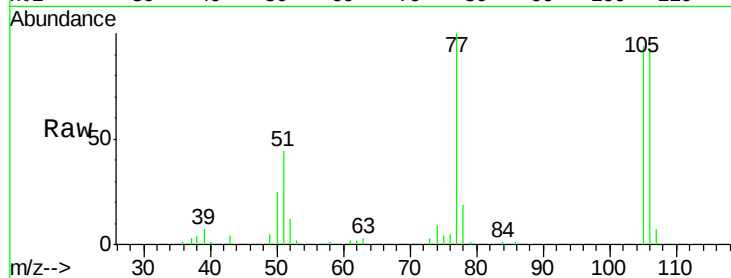
Tgt Ion: 77 Resp: 50134

Ion Ratio Lower Upper

77 100

105 93.8 83.9 123.9

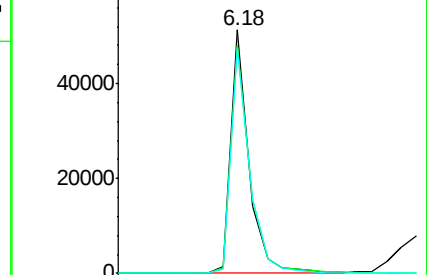
106 92.6 77.6 117.6



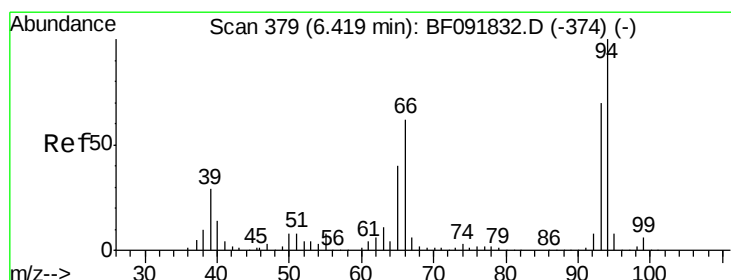
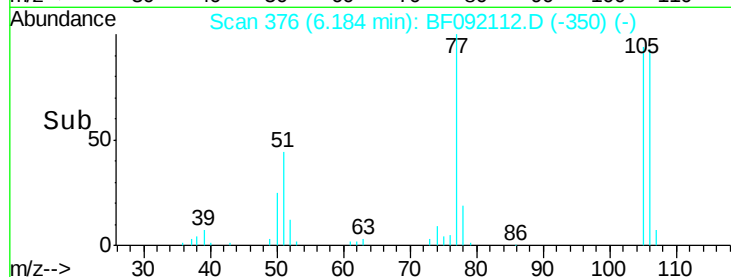
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



Time-->



#10

Phenol

Concen: 41.23 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092112.D

Acq: 6 Jan 2017 13:02

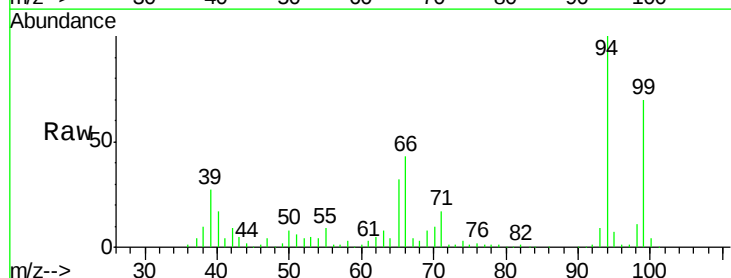
Tgt Ion: 94 Resp: 647245

Ion Ratio Lower Upper

94 100

65 31.5 21.4 61.4

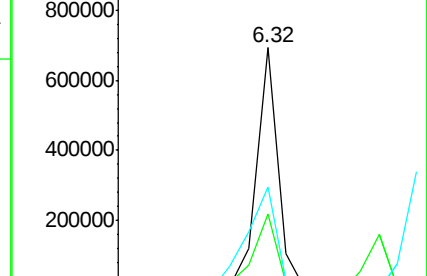
66 42.6 44.0 84.0#



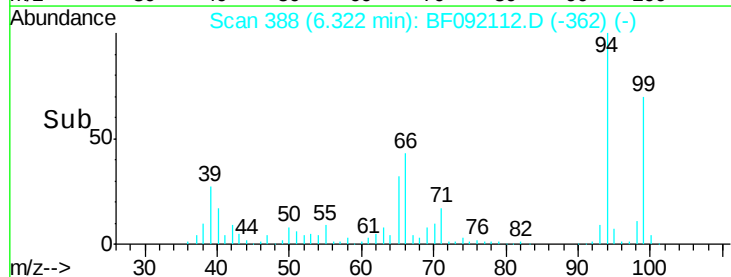
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



Time-->

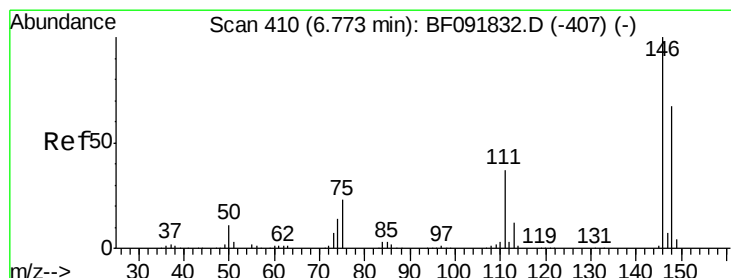
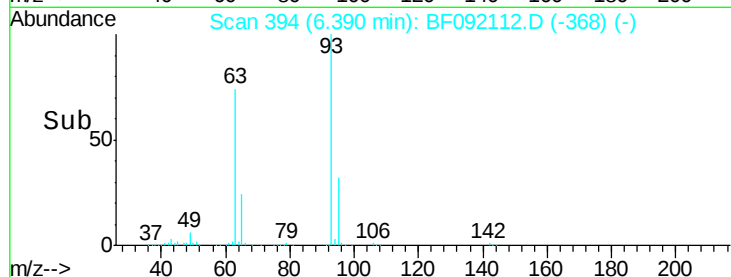
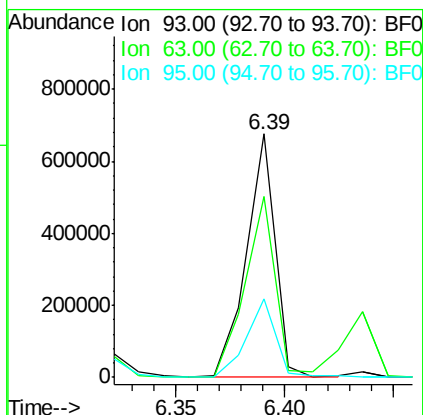
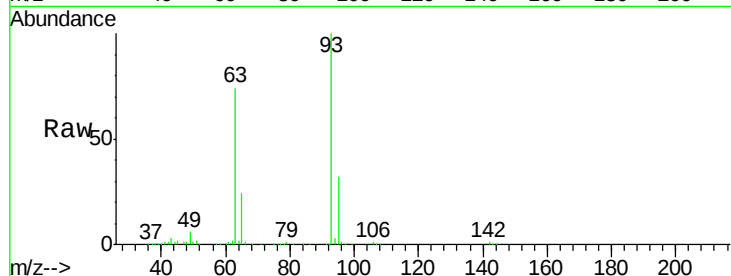




#11
bis(2-Chloroethyl)ether
Concen: 49.33 ng
RT: 6.39 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF092112.D
Acq: 6 Jan 2017 13:02

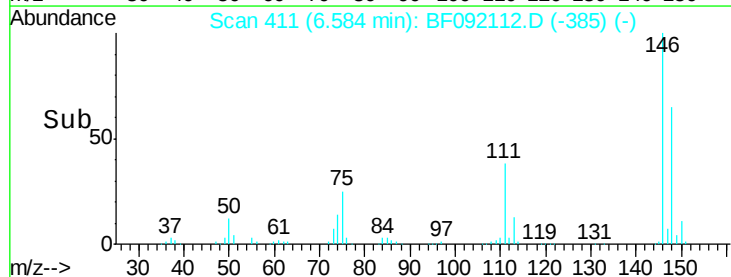
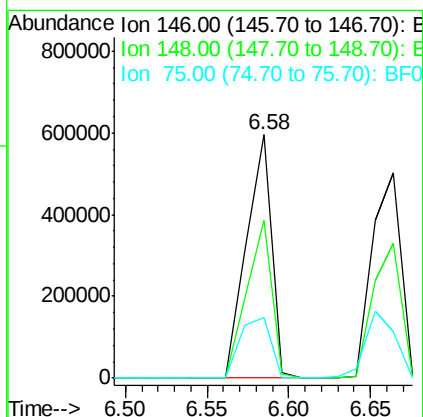
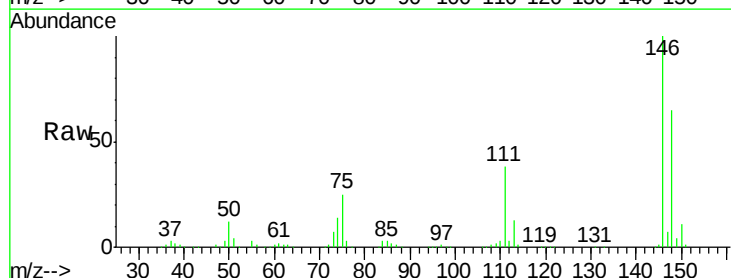
Instrument :
BNA_F
ClientSampleId :
PB95751BSD

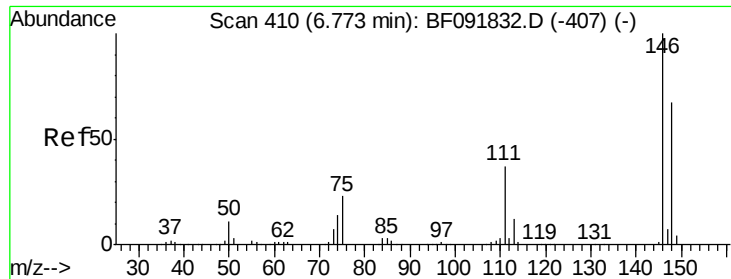
Tgt Ion: 93 Resp: 616128
Ion Ratio Lower Upper
93 100
63 74.1 60.4 100.4
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 46.16 ng
RT: 6.58 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF092112.D
Acq: 6 Jan 2017 13:02

Tgt Ion: 146 Resp: 632342
Ion Ratio Lower Upper
146 100
148 65.0 53.4 80.0
75 25.0 18.5 27.7

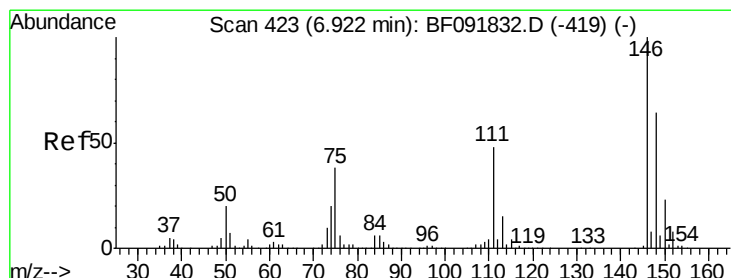
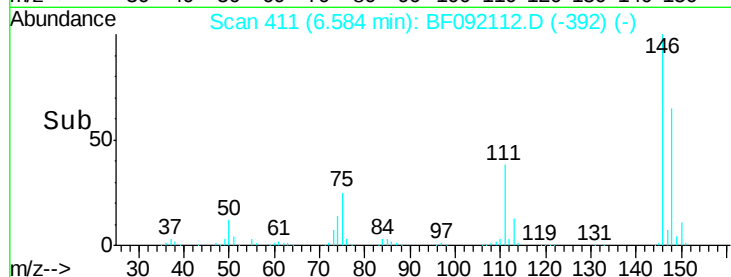
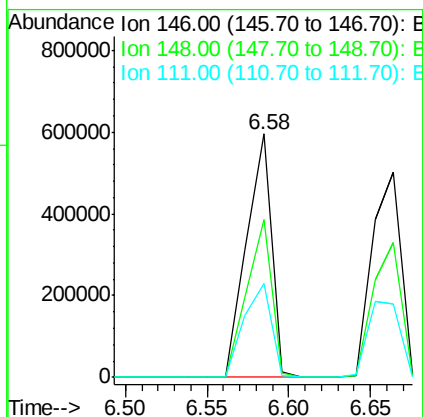
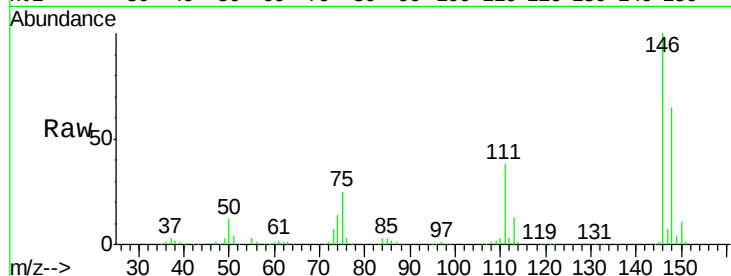




#13
 1,4-Dichlorobenzene
 Concen: 45.35 ng
 RT: 6.58 min Scan# 411
 Delta R.T. -0.08 min
 Lab File: BF092112.D
 Acq: 6 Jan 2017 13:02

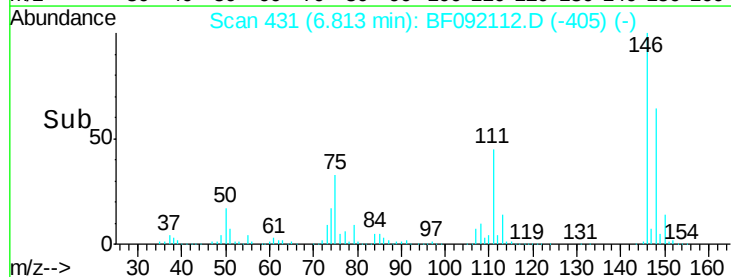
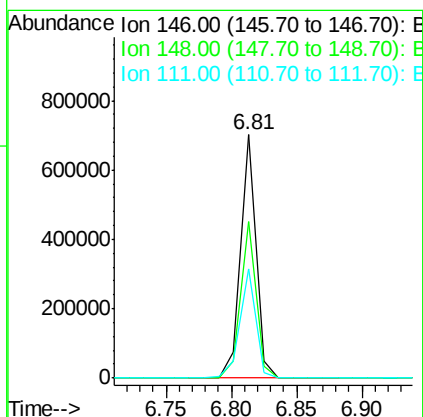
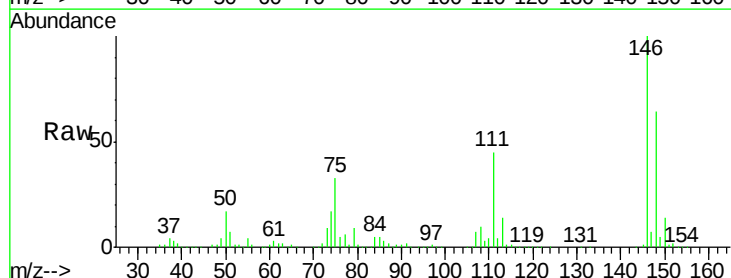
Instrument :
 BNA_F
 ClientSampleId :
 PB95751BSD

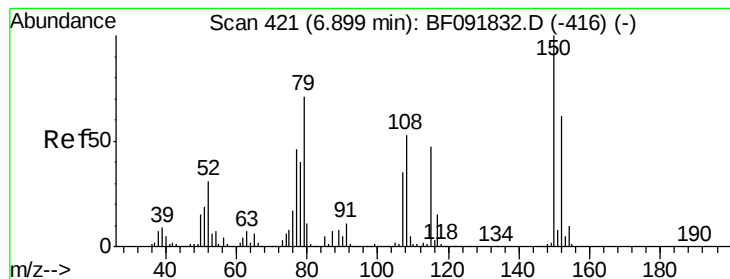
Tgt Ion:146 Resp: 632342
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.6 76.0
 111 38.5 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 47.10 ng
 RT: 6.81 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BF092112.D
 Acq: 6 Jan 2017 13:02

Tgt Ion:146 Resp: 569892
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 44.8 36.2 54.2





#15

Benzyl Alcohol

Concen: 42.12 ng

RT: 6.80 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF092112.D

Acq: 6 Jan 2017 13:02

Instrument :

BNA_F

ClientSampleId :

PB95751BSD

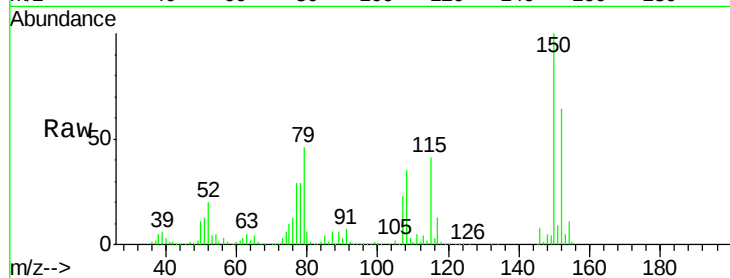
Tgt Ion: 79 Resp: 450758

Ion Ratio Lower Upper

79 100

108 76.0 61.4 92.0

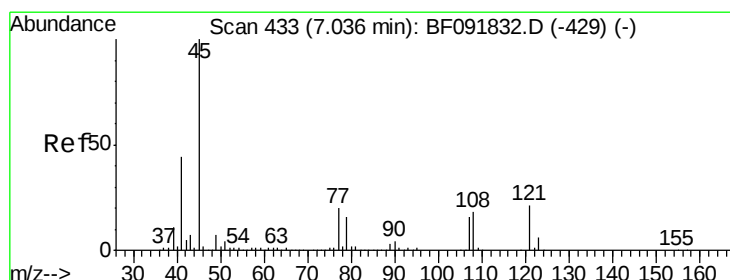
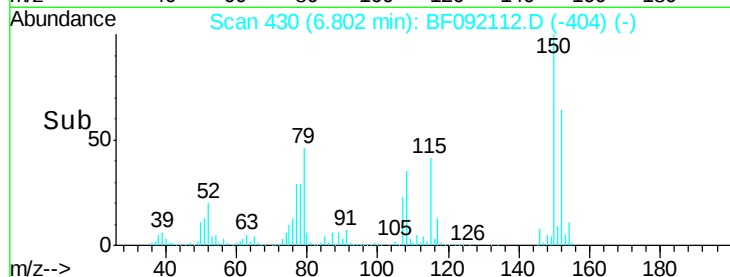
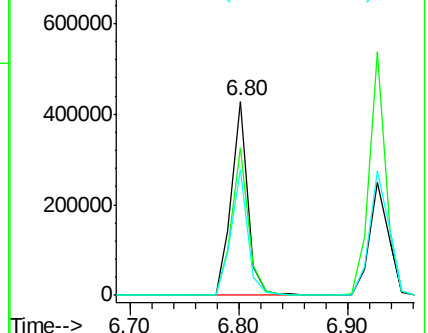
77 64.7 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.10 ng

RT: 6.94 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF092112.D

Acq: 6 Jan 2017 13:02

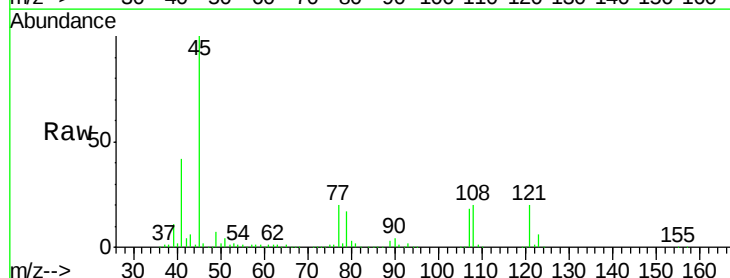
Tgt Ion: 45 Resp: 857461

Ion Ratio Lower Upper

45 100

77 20.3 0.0 34.6

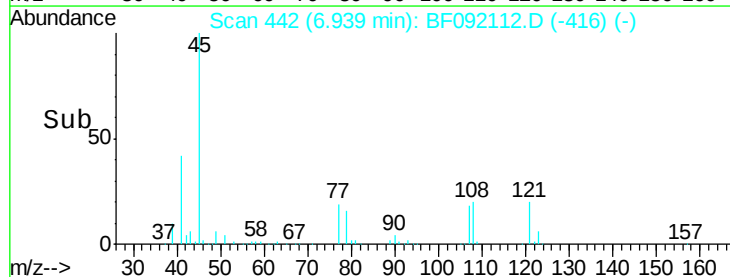
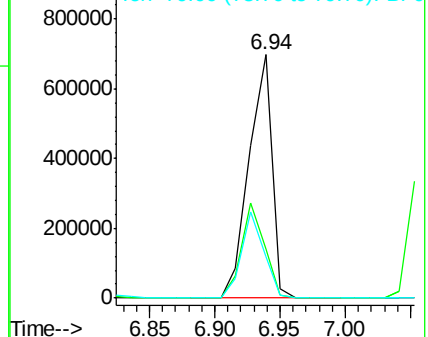
79 17.2 0.0 31.2

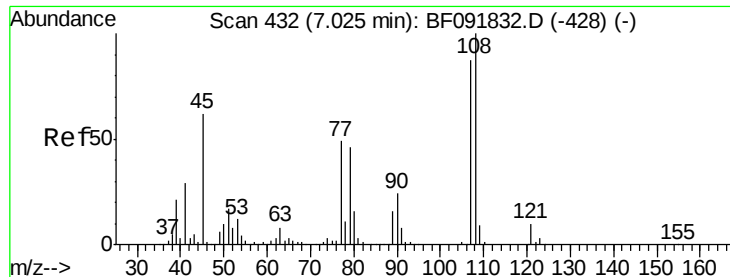


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

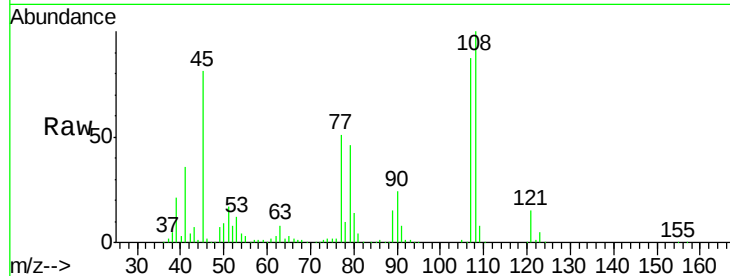




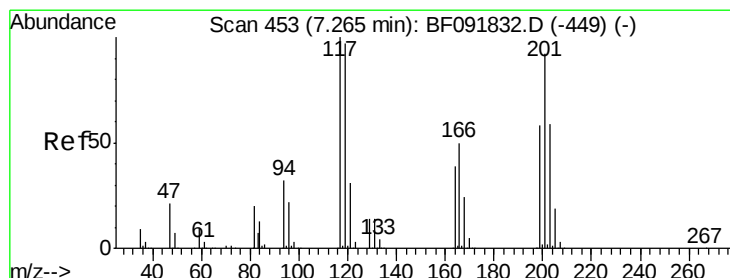
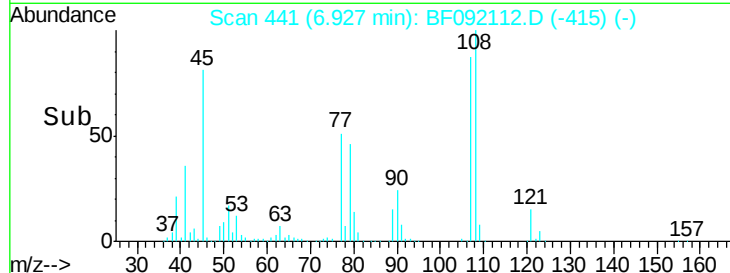
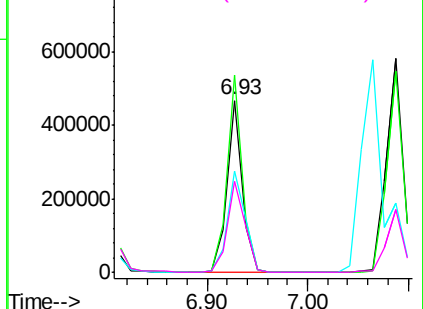
#17
2-Methylphenol
Concen: 47.72 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF092112.D
Acq: 6 Jan 2017 13:02

Instrument :
BNA_F
ClientSampleId :
PB95751BSD

Tgt Ion:	107	Resp:	492505
Ion	Ratio	Lower	Upper
107	100		
108	115.0	93.0	139.6
77	58.7	39.8	59.8
79	53.2	38.0	57.0

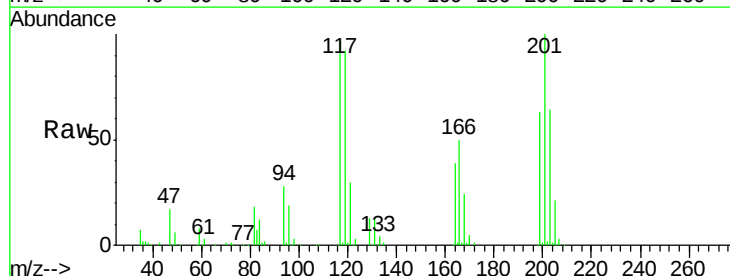


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

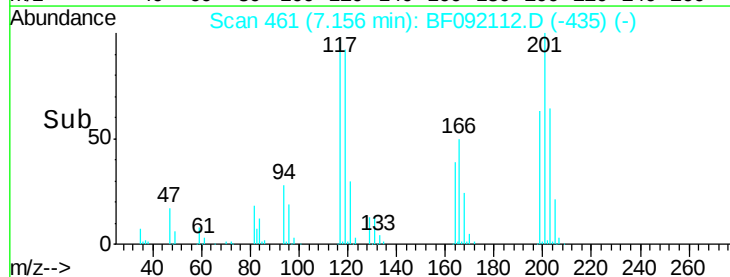
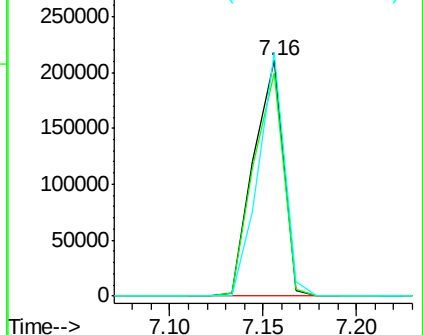


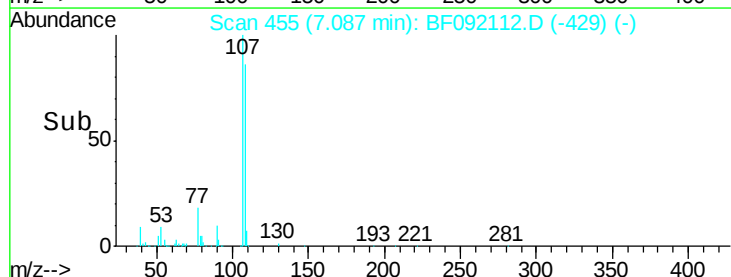
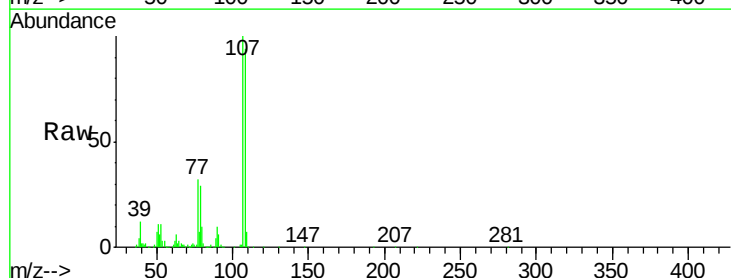
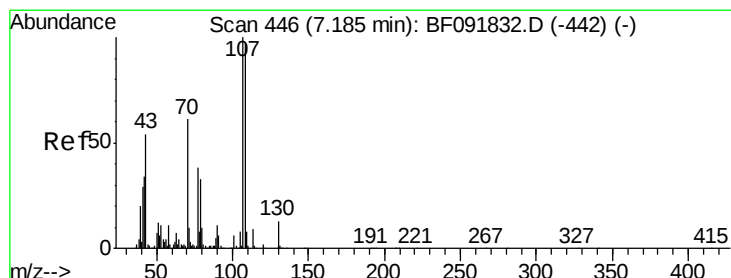
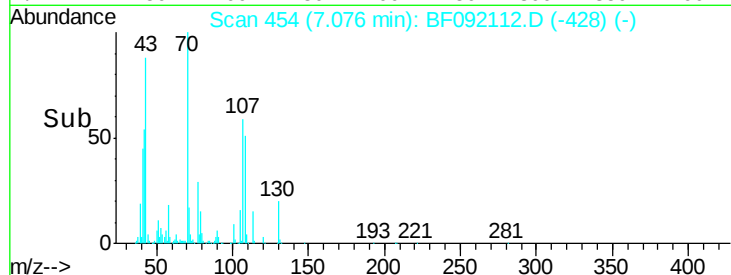
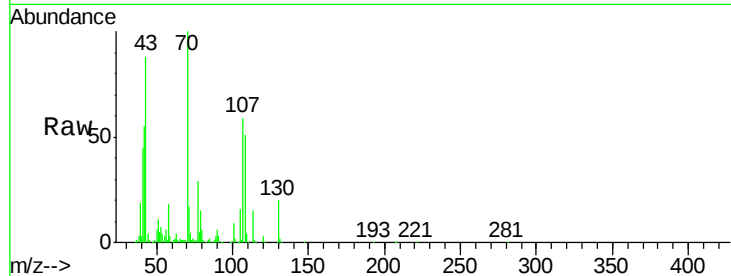
#18
Hexachloroethane
Concen: 45.02 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF092112.D
Acq: 6 Jan 2017 13:02

Tgt Ion:	117	Resp:	232754
Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.1	117.1
201	103.3	78.6	117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

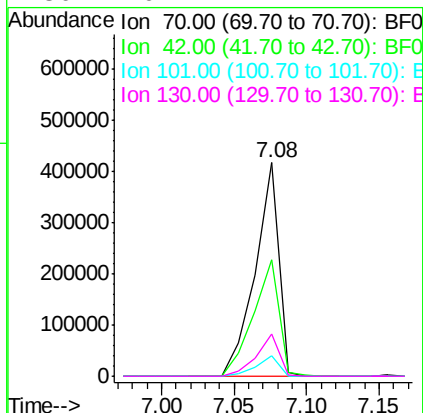




#19
n-Nitroso-di-n-propylamine
Concen: 51.56 ng
RT: 7.08 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF092112.D
Acq: 6 Jan 2017 13:02

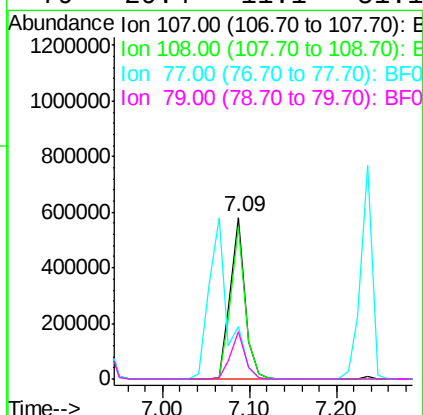
Instrument :
BNA_F
ClientSampleId :
PB95751BSD

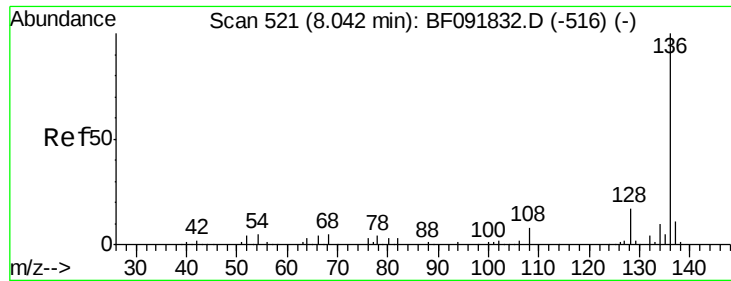
Tgt Ion: 70 Resp: 472501
Ion Ratio Lower Upper
70 100
42 54.7 49.4 74.0
101 9.4 7.4 11.2
130 20.1 14.2 21.4



#20
3+4-Methylphenols
Concen: 55.48 ng
RT: 7.09 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF092112.D
Acq: 6 Jan 2017 13:02

Tgt Ion: 107 Resp: 683030
Ion Ratio Lower Upper
107 100
108 94.0 73.0 113.0
77 32.4 71.3 111.3#
79 29.4 11.1 51.1

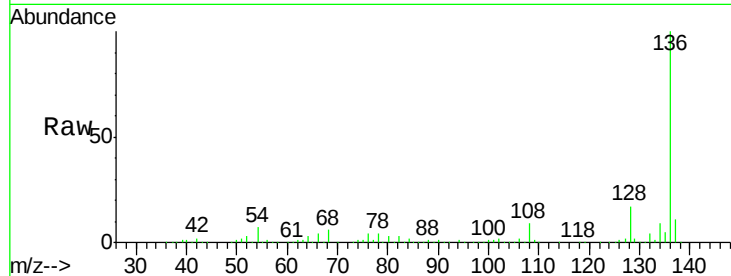




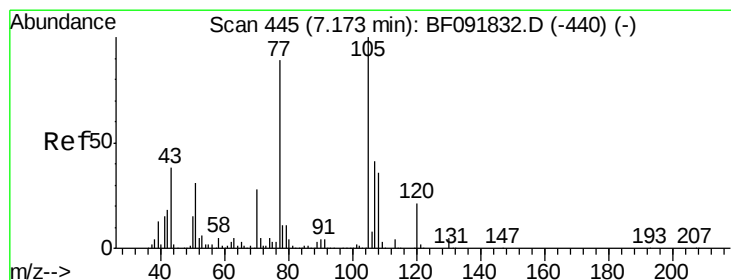
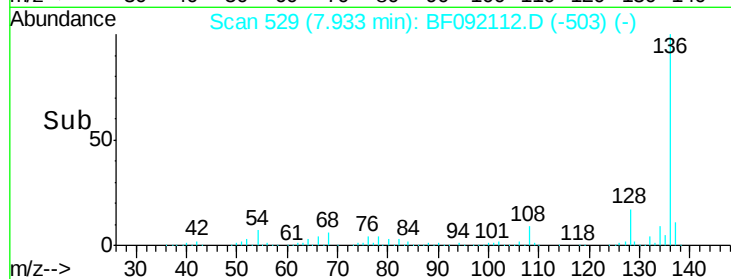
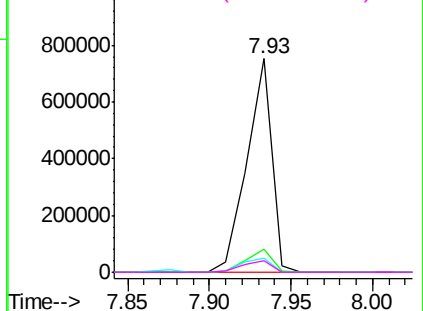
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF092112.D
Acq: 6 Jan 2017 13:02

Instrument :
BNA_F
ClientSampleId :
PB95751BSD

Tgt Ion:	136	Resp:	797430
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.6	4.5	6.7
68	5.5	3.6	5.4#

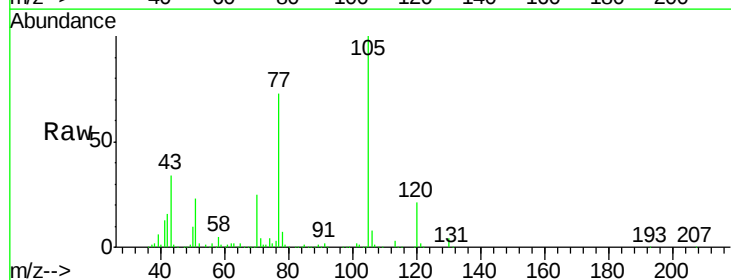


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

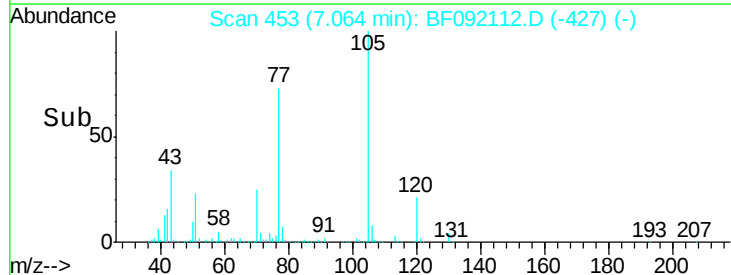
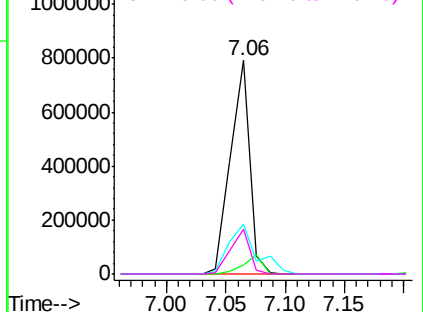


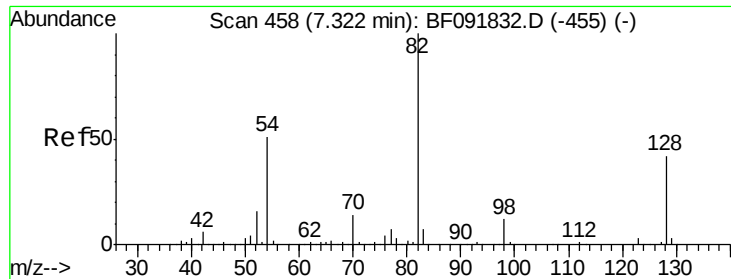
#22
Acetophenone
Concen: 45.41 ng
RT: 7.06 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF092112.D
Acq: 6 Jan 2017 13:02

Tgt Ion:	105	Resp:	893217
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.2	4.8
51	23.4	26.2	39.4#
120	21.0	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



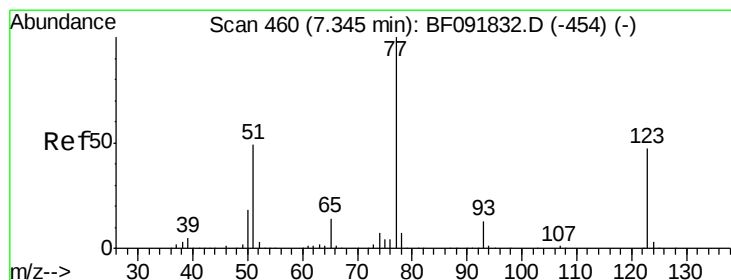
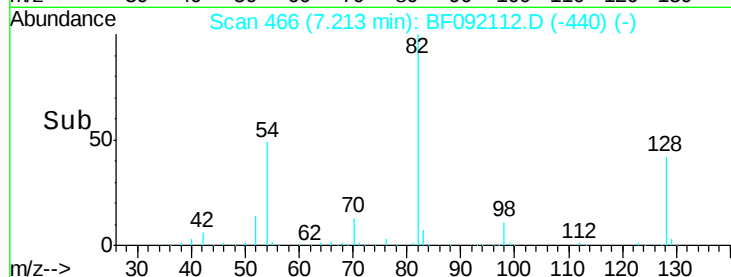
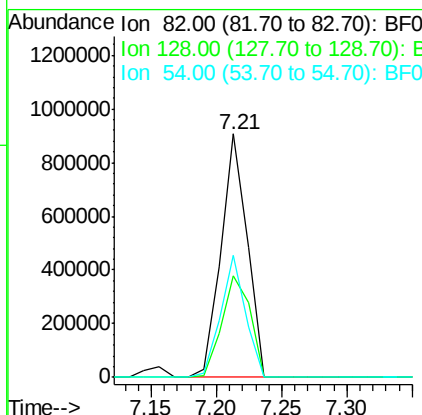
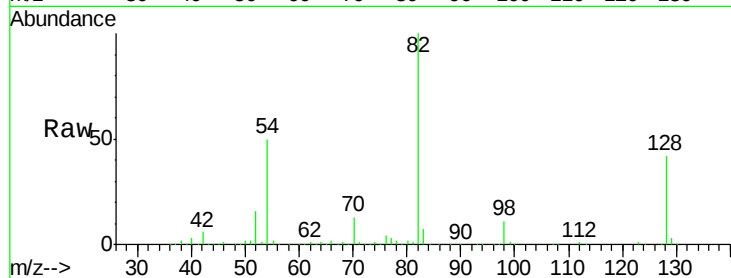


#23
 Nitrobenzene-d5
 Concen: 87.68 ng
 RT: 7.21 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF092112.D
 Acq: 6 Jan 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BSD

Tgt Ion: 82 Resp: 1257377

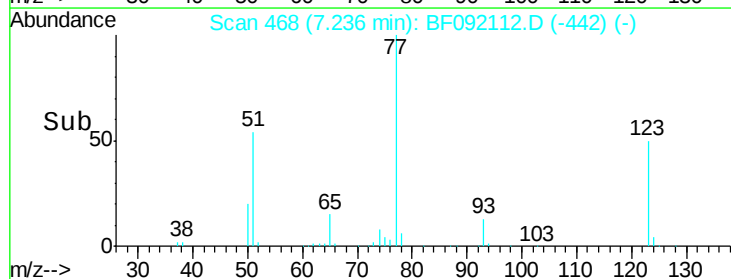
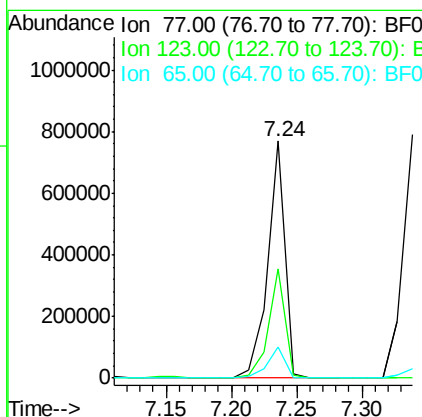
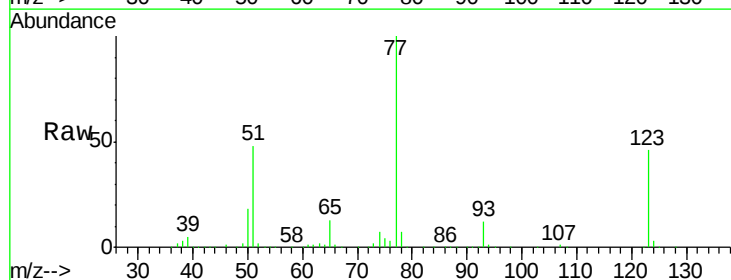
Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	52.0
54	50.1	39.5	59.3



#24
 Nitrobenzene
 Concen: 46.40 ng
 RT: 7.24 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF092112.D
 Acq: 6 Jan 2017 13:02

Tgt Ion: 77 Resp: 708713

Ion	Ratio	Lower	Upper
77	100		
123	46.4	33.0	49.4
65	13.1	11.2	16.8





#25

Isophorone

Concen: 45.52 ng

RT: 7.48 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF092112.D

Acq: 6 Jan 2017 13:02

Instrument :

BNA_F

ClientSampleId :

PB95751BSD

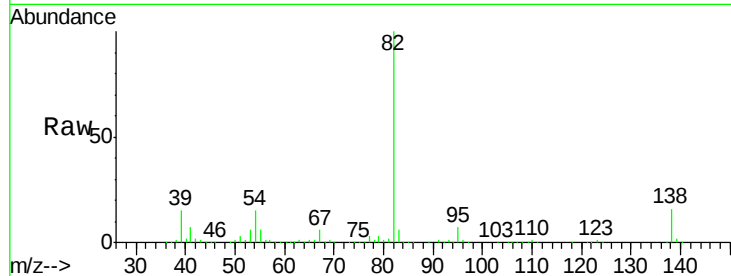
Tgt Ion: 82 Resp: 1204314

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

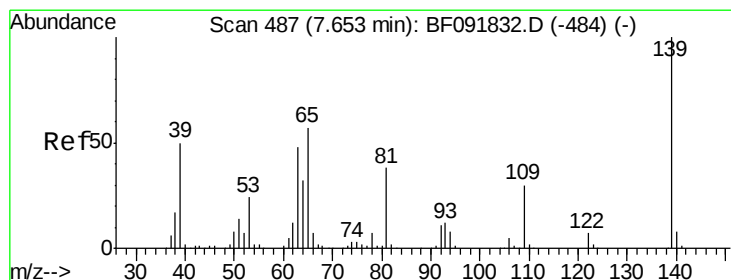
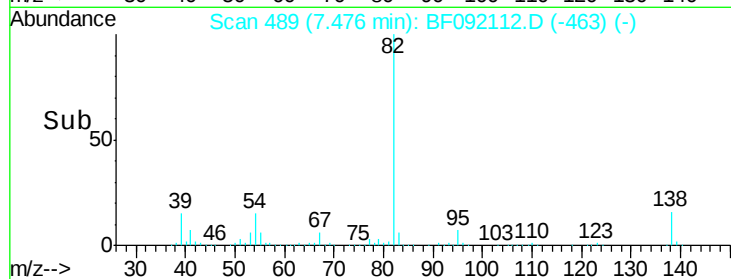
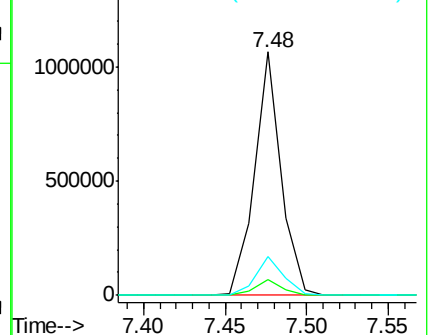
138 16.0 14.6 22.0



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: 44.82 ng

RT: 7.56 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF092112.D

Acq: 6 Jan 2017 13:02

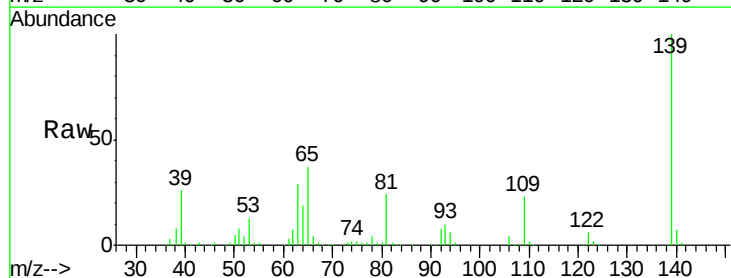
Tgt Ion: 139 Resp: 337610

Ion Ratio Lower Upper

139 100

109 23.4 23.3 34.9

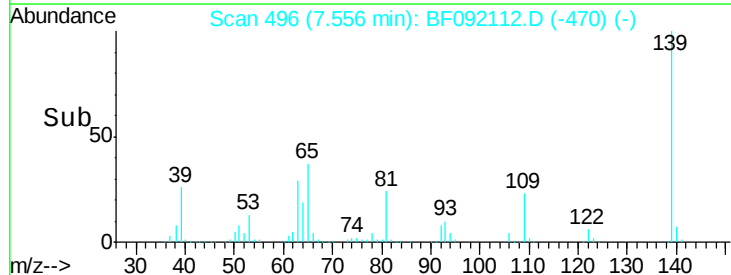
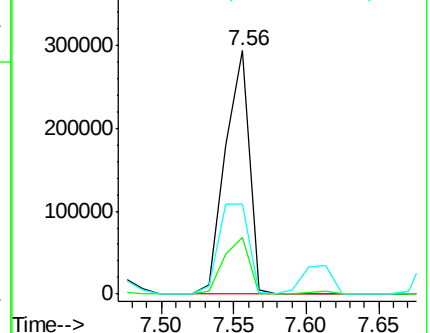
65 37.1 42.7 64.1#

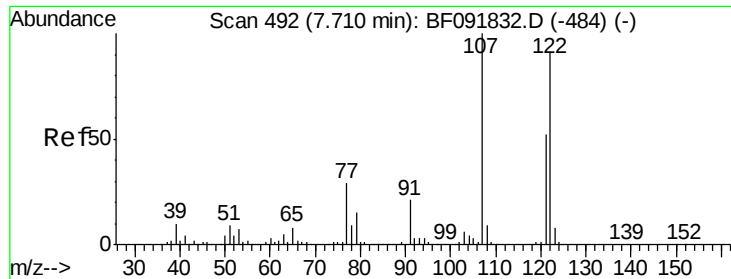


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

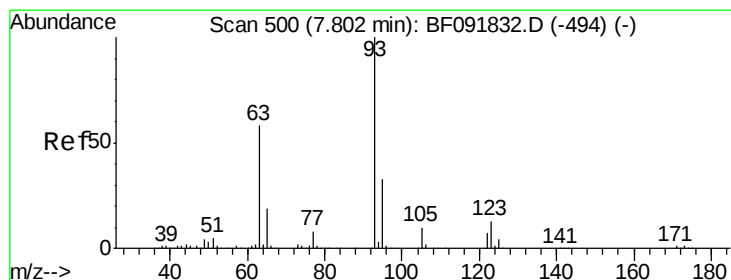
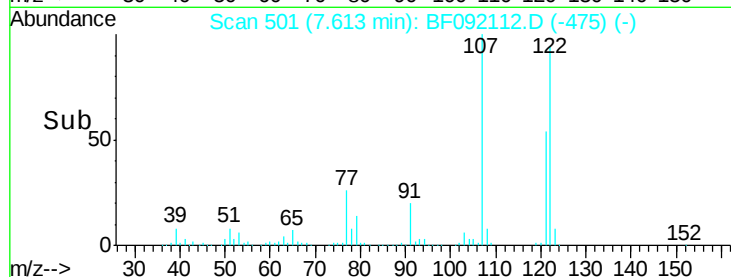
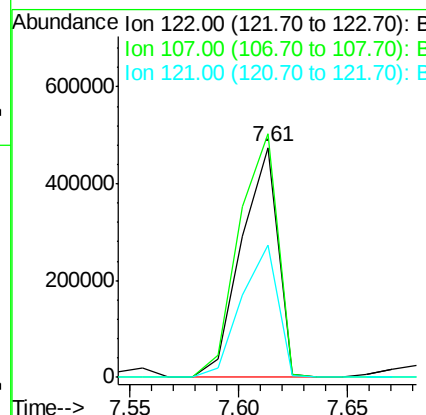
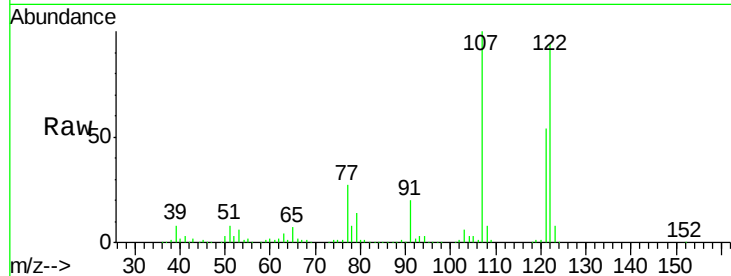




#27
2,4-Dimethylphenol
Concen: 44.55 ng
RT: 7.61 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF092112.D
Acq: 6 Jan 2017 13:02

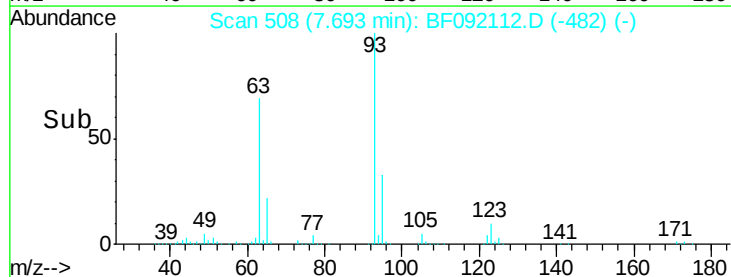
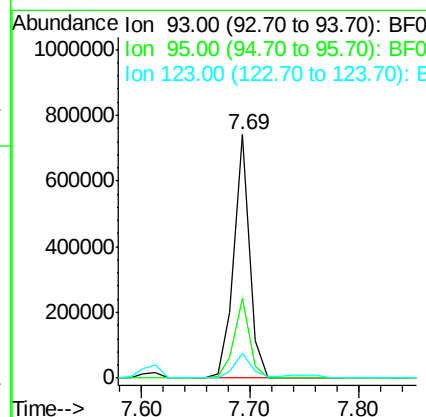
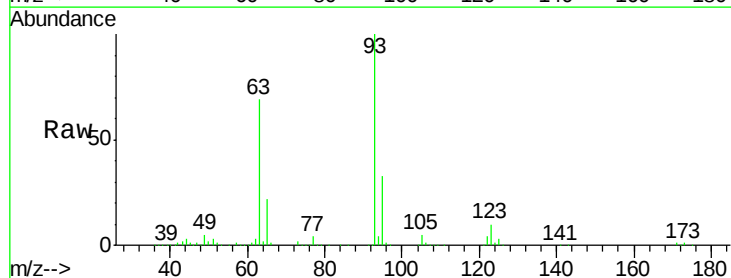
Instrument :
BNA_F
ClientSampleId :
PB95751BSD

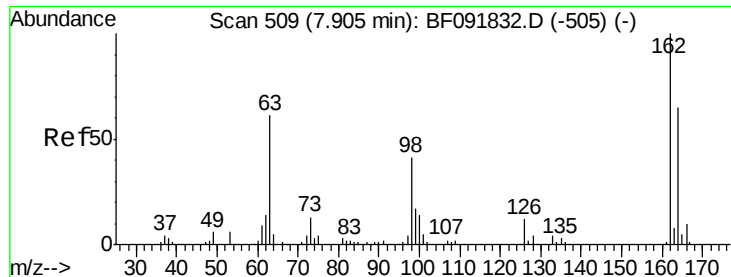
Tgt Ion:122 Resp: 556548
Ion Ratio Lower Upper
122 100
107 106.0 94.1 141.1
121 57.7 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.79 ng
RT: 7.69 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF092112.D
Acq: 6 Jan 2017 13:02

Tgt Ion: 93 Resp: 734669
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 10.4 8.6 13.0

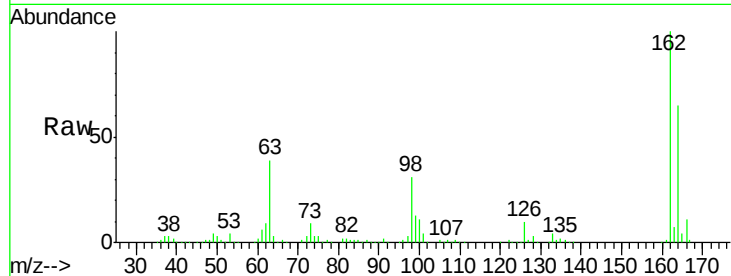




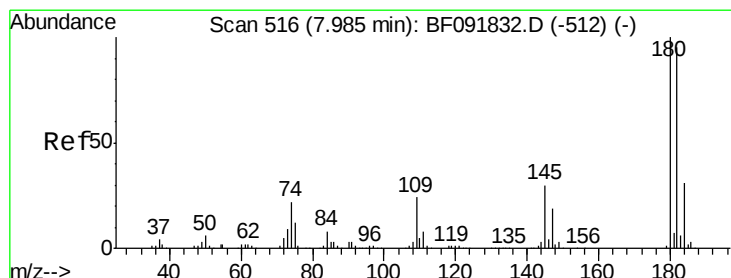
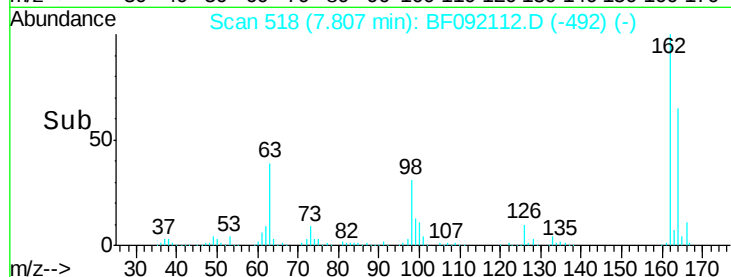
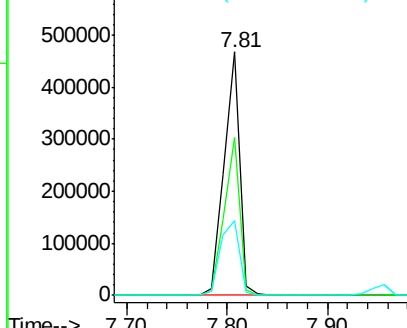
#29
 2,4-Dichlorophenol
 Concen: 47.74 ng
 RT: 7.81 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF092112.D
 Acq: 6 Jan 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	46.8	86.8
98	30.8	9.1	49.1

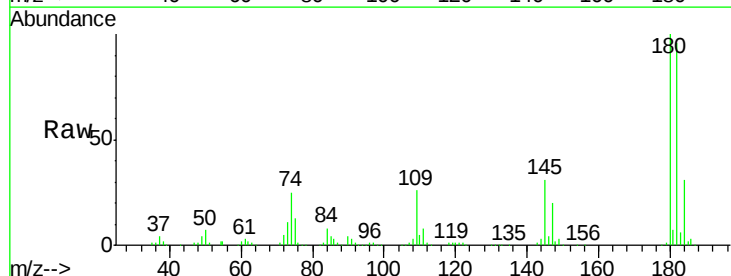


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

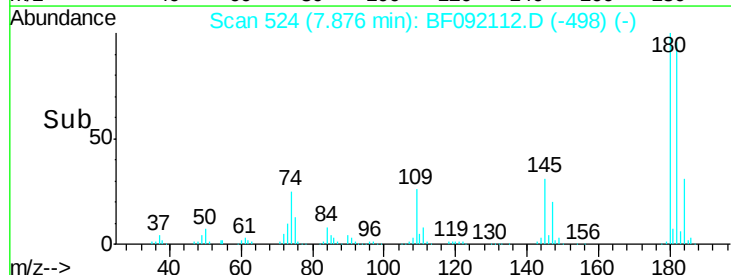
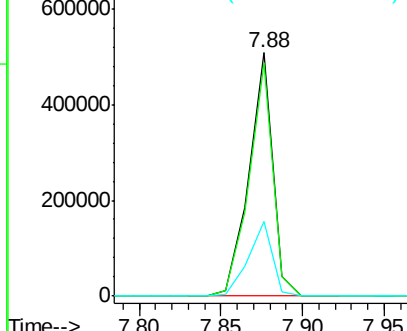


#30
 1,2,4-Trichlorobenzene
 Concen: 44.19 ng
 RT: 7.88 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF092112.D
 Acq: 6 Jan 2017 13:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	78.2	117.4
145	30.9	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: 47.09 ng

RT: 7.96 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF092112.D

Acq: 6 Jan 2017 13:02

Instrument :

BNA_F

ClientSampleId :

PB95751BSD

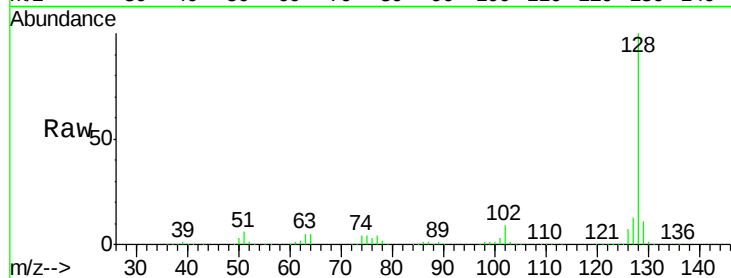
Tgt Ion:128 Resp: 1718451

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

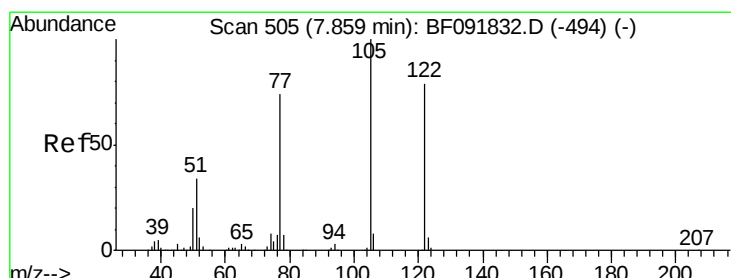
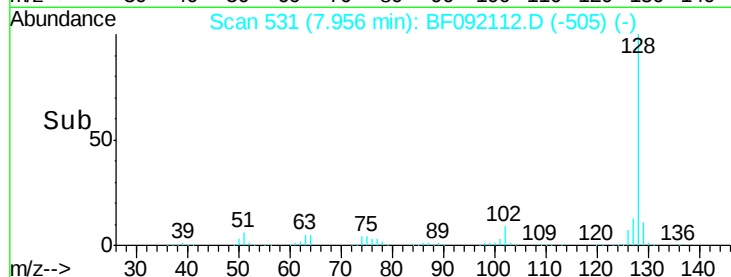
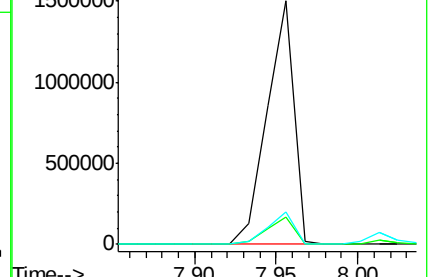
127 13.4 10.8 16.2



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: 45.84 ng

RT: 7.76 min Scan# 514

Delta R.T. 0.01 min

Lab File: BF092112.D

Acq: 6 Jan 2017 13:02

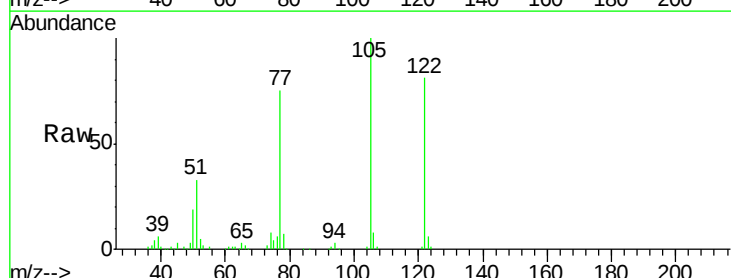
Tgt Ion:122 Resp: 424723

Ion Ratio Lower Upper

122 100

105 124.1 107.2 147.2

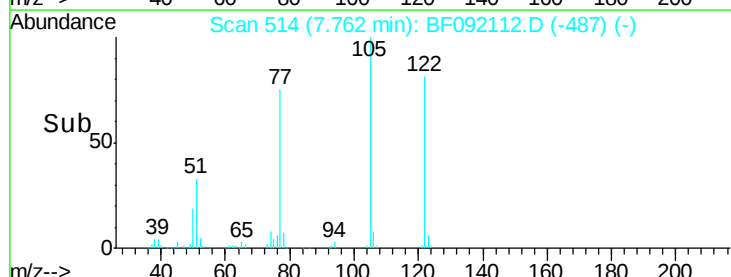
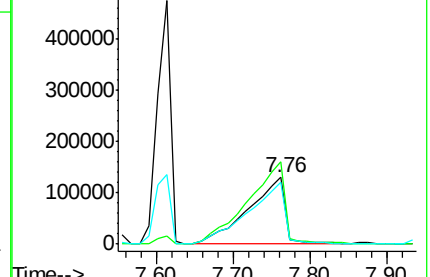
77 93.5 74.5 114.5

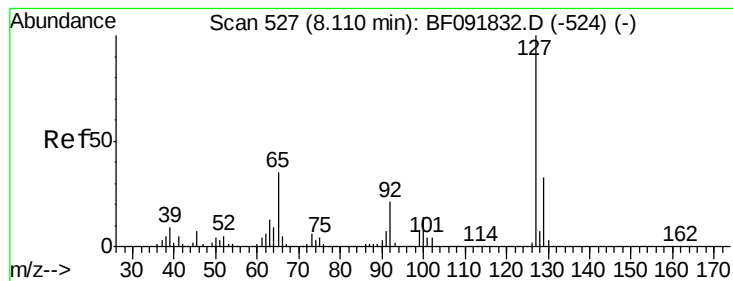


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 6.00 ng

RT: 8.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF092112.D

Acq: 6 Jan 2017 13:02

Instrument :

BNA_F

ClientSampleId :

PB95751BSD

Tgt Ion:127 Resp: 98795

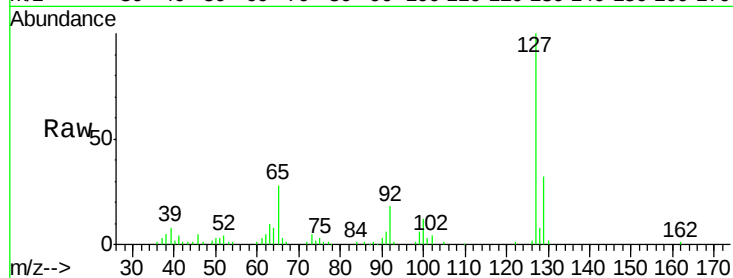
Ion Ratio Lower Upper

127 100

129 31.5 26.3 39.5

65 27.9 25.8 38.8

92 17.7 16.1 24.1

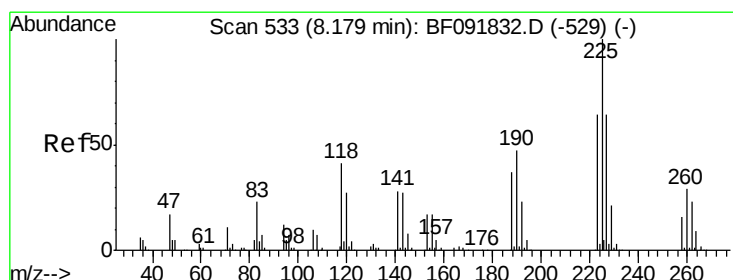
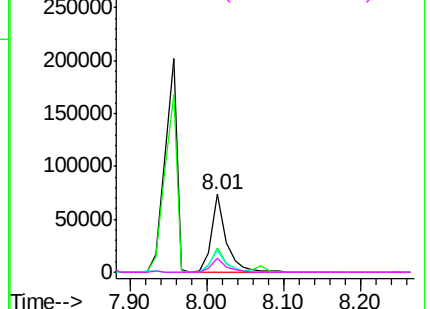
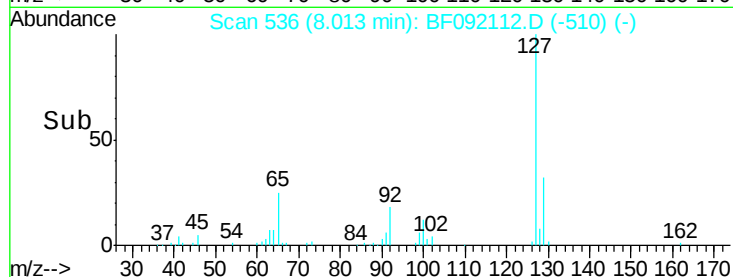


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.89 ng

RT: 8.07 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF092112.D

Acq: 6 Jan 2017 13:02

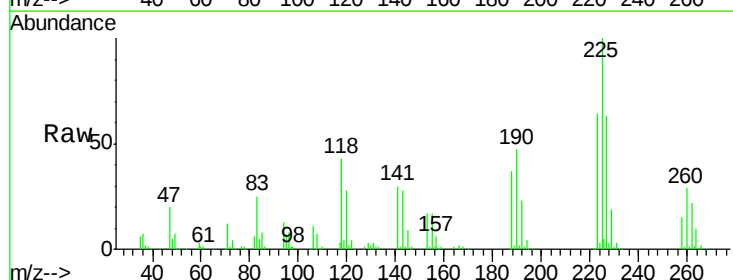
Tgt Ion:225 Resp: 262442

Ion Ratio Lower Upper

225 100

223 63.7 51.0 76.6

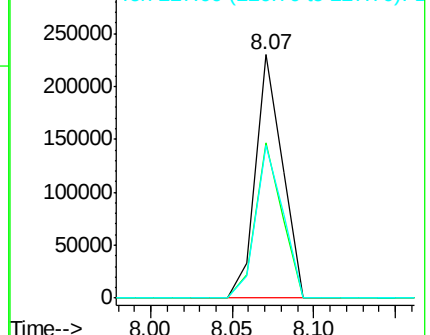
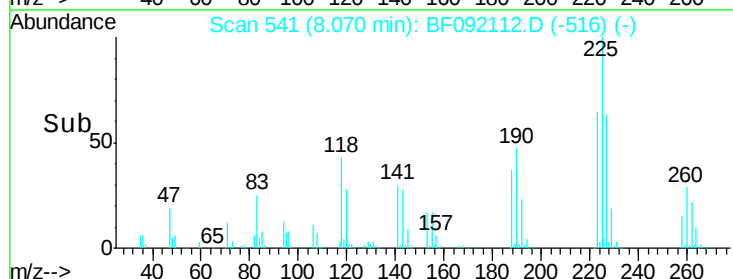
227 62.9 50.6 76.0



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

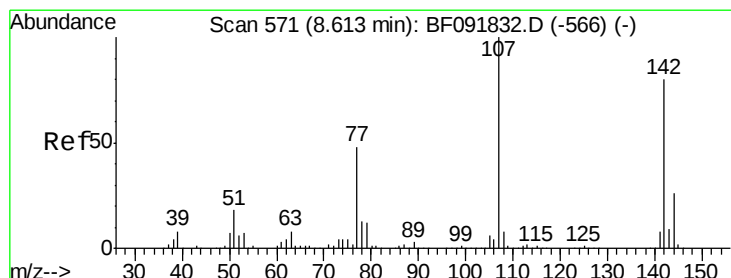
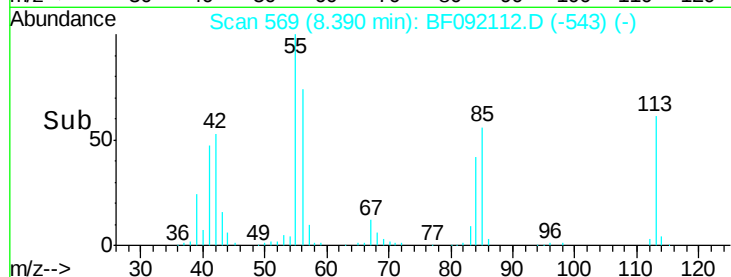
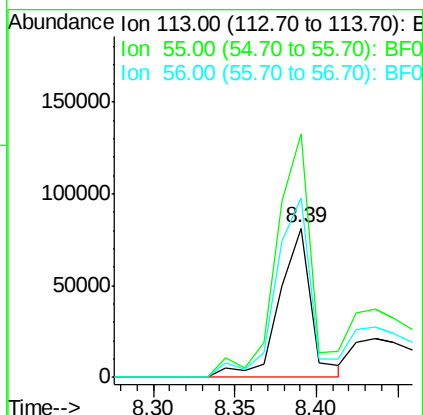
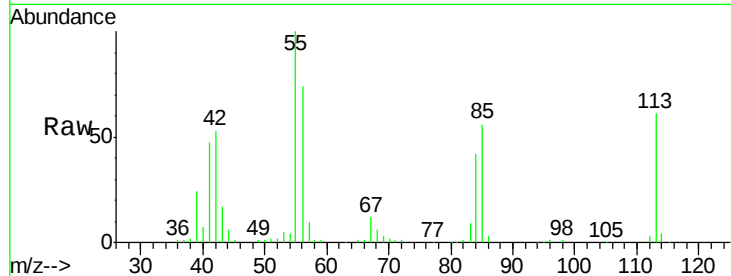




#35
 Caprolactam
 Concen: 31.86 ng
 RT: 8.39 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF092112.D
 Acq: 6 Jan 2017 13:02

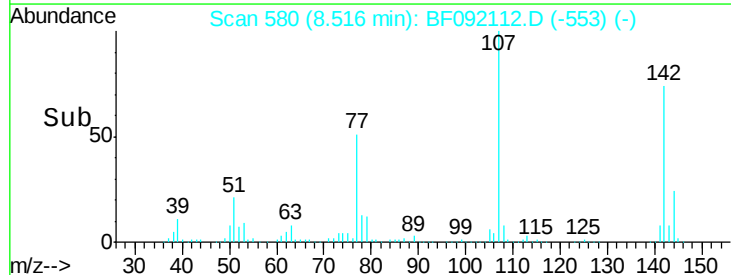
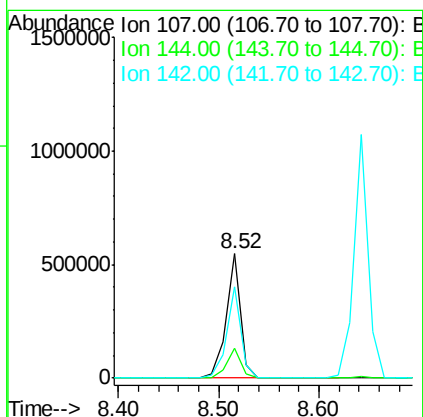
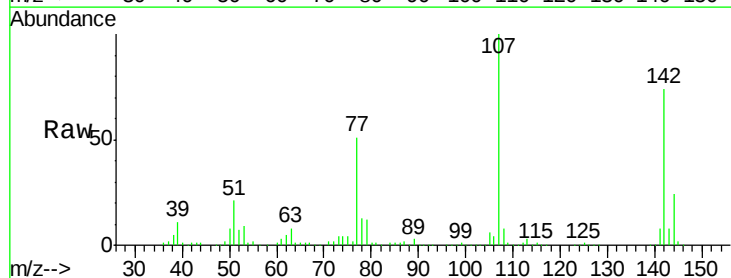
Instrument :
 BNA_F
 ClientSampleId :
 PB95751BSD

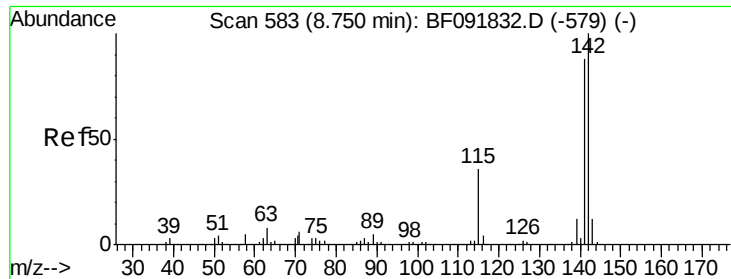
Tgt Ion:113 Resp: 110761
 Ion Ratio Lower Upper
 113 100
 55 162.9 119.2 159.2#
 56 120.0 83.8 123.8



#36
 4-Chloro-3-methylphenol
 Concen: 44.53 ng
 RT: 8.52 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF092112.D
 Acq: 6 Jan 2017 13:02

Tgt Ion:107 Resp: 542090
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.3 28.9
 142 73.9 59.0 88.6

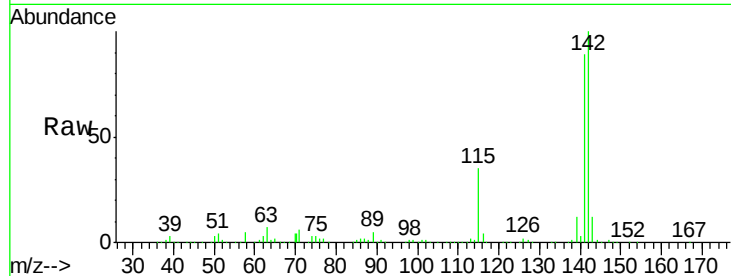




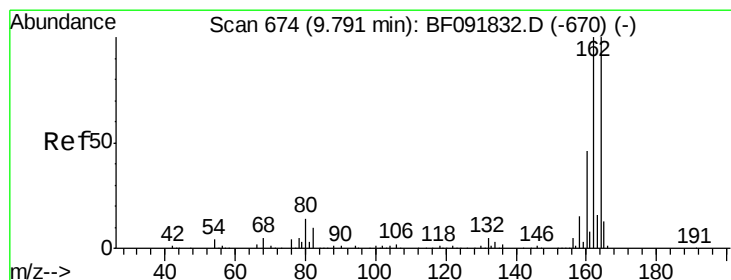
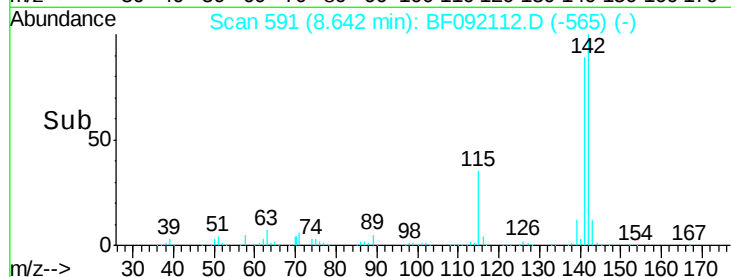
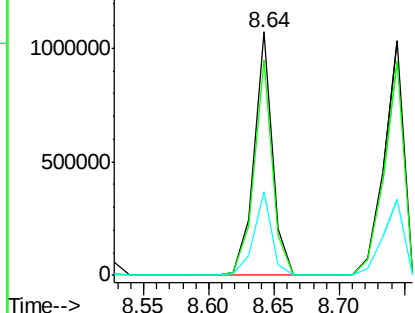
#37
2-Methylnaphthalene
Concen: 49.41 ng
RT: 8.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF092112.D
Acq: 6 Jan 2017 13:02

Instrument :
BNA_F
ClientSampleId :
PB95751BSD

Tgt Ion:142 Resp: 1054287
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6
115 34.5 28.3 42.5

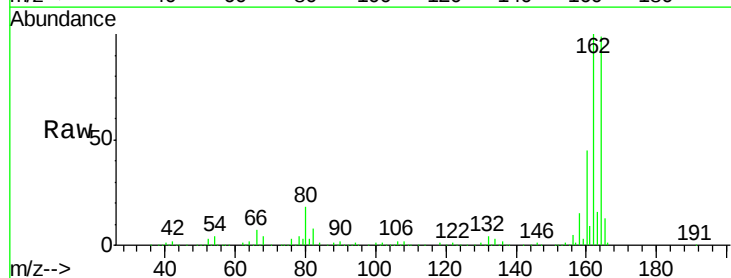


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

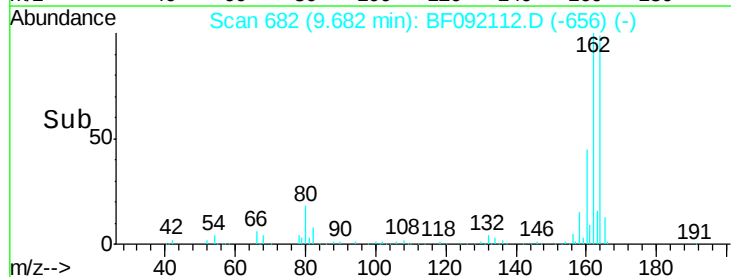
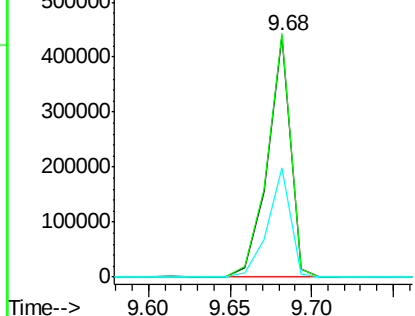


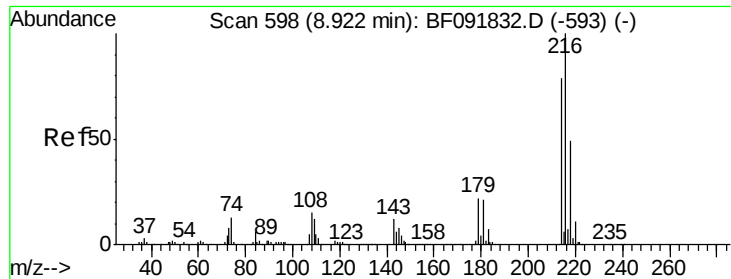
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092112.D
Acq: 6 Jan 2017 13:02

Tgt Ion:164 Resp: 428587
Ion Ratio Lower Upper
164 100
162 101.0 80.2 120.2
160 45.3 36.9 55.3



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

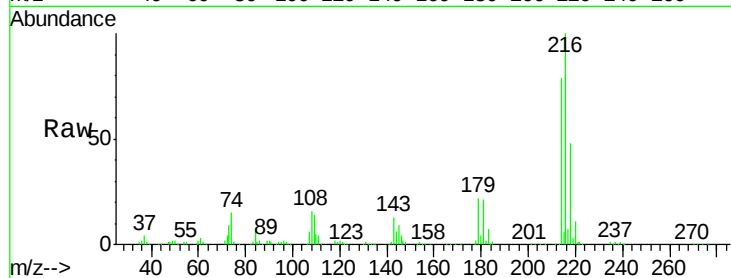




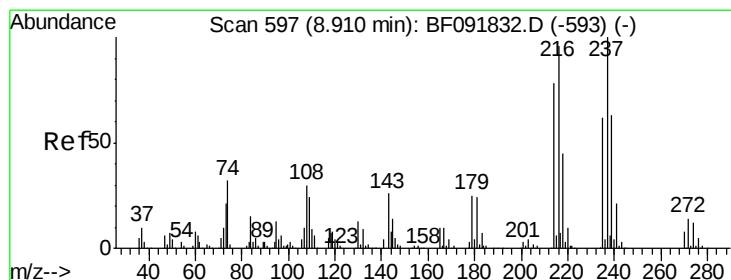
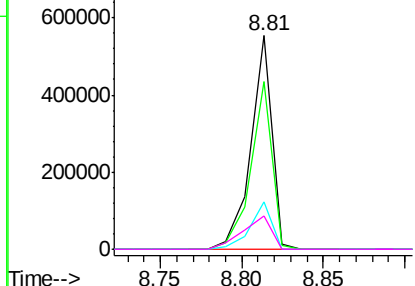
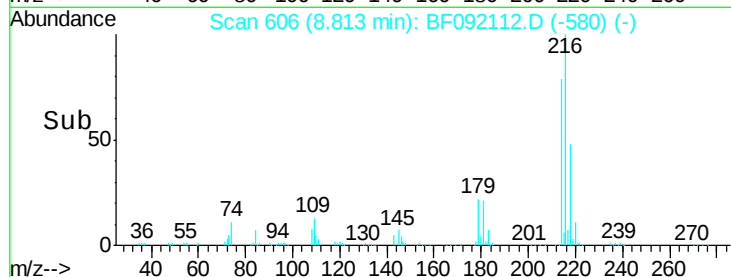
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.76 ng
 RT: 8.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF092112.D
 Acq: 6 Jan 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BSD

Tgt Ion:	216	Resp:	495529
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.0
179	22.5	17.4	26.2
108	21.7	15.6	23.4

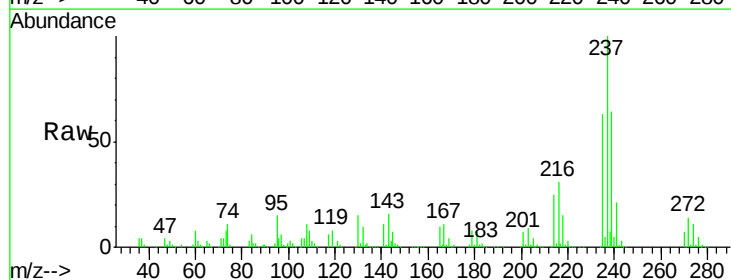


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

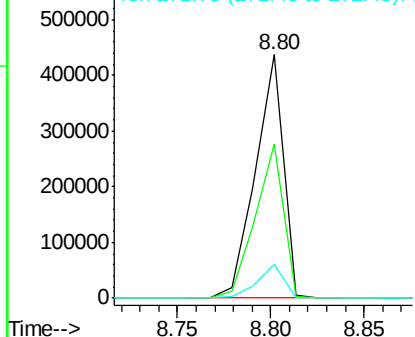
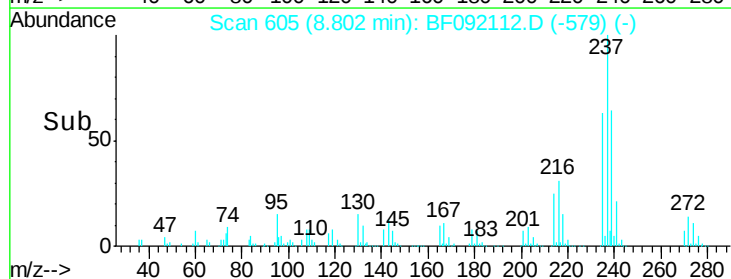


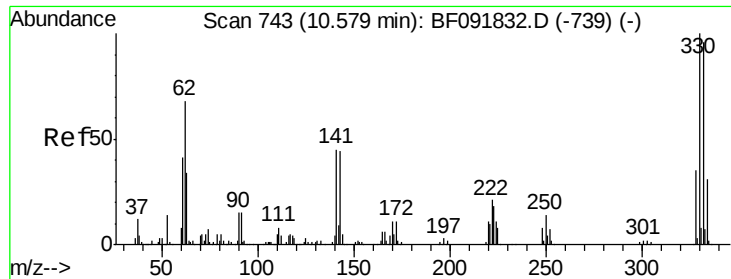
#40
 Hexachlorocyclopentadiene
 Concen: 93.04 ng
 RT: 8.80 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF092112.D
 Acq: 6 Jan 2017 13:02

Tgt Ion:	237	Resp:	451964
Ion	Ratio	Lower	Upper
237	100		
235	63.4	41.2	81.2
272	14.0	0.0	35.4



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

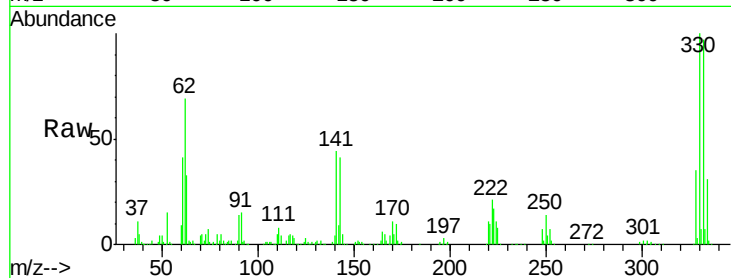




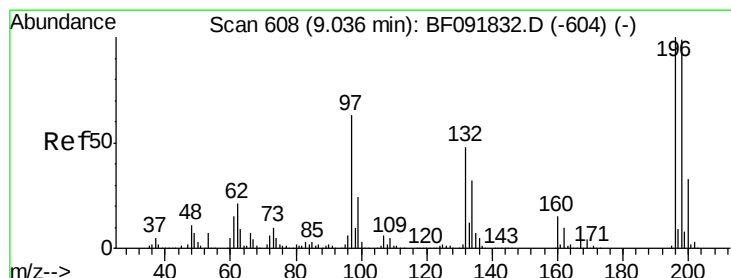
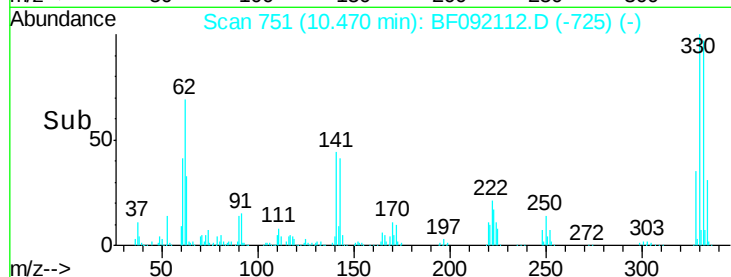
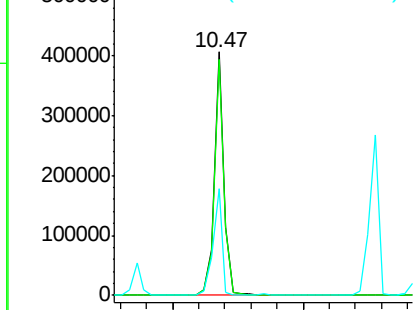
#41
 2,4,6-Tribromophenol
 Concen: 120.05 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092112.D
 Acq: 6 Jan 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BSD

Tgt Ion:330 Resp: 425820
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 41.2 34.1 51.1

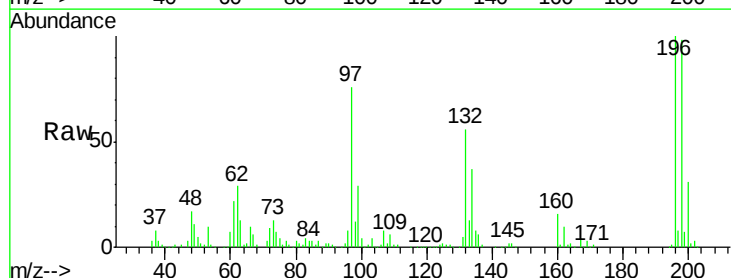


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 43.44 ng
 RT: 8.93 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF092112.D
 Acq: 6 Jan 2017 13:02

Tgt Ion:196 Resp: 328929
 Ion Ratio Lower Upper
 196 100
 198 98.4 82.1 123.1
 200 31.0 27.0 40.4



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

