

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112916\
 Data File : BF091321.D
 Acq On : 29 Nov 2016 12:21
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 12:44:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 12:14:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	173743	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	664202	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	397585	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	644279	20.00	ng	0.00
75) Chrysene-d12	14.03	240	447688	20.00	ng	0.01
86) Perylene-d12	15.45	264	381816	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1223690	113.16	ng	0.00
7) Phenol-d6	6.50	99	1507410	108.50	ng	0.01
23) Nitrobenzene-d5	7.43	82	1409937	122.21	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	433578	108.14	ng	0.01
44) 2-Fluorobiphenyl	9.24	172	2358375	97.13	ng	0.00
78) Terphenyl-d14	12.97	244	2104748	107.37	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.47	88	269789	52.89	ng	87
3) Pyridine	3.20	79	794569	57.96	ng	89
4) n-Nitrosodimethylamine	3.16	42	416228	55.45	ng	94
6) Aniline	6.53	93	967643	54.48	ng	# 71
8) 2-Chlorophenol	6.65	128	651457	55.31	ng	89
9) Benzaldehyde	6.41	77	454917	60.50	ng	85
10) Phenol	6.52	94	949819	61.27	ng	97
11) bis(2-Chloroethyl)ether	6.61	93	661451	58.04	ng	99
12) 1,3-Dichlorobenzene	7.04	146	687778	53.55	ng	98
13) 1,4-Dichlorobenzene	6.88	146	675873	51.41	ng	96
14) 1,2-Dichlorobenzene	7.04	146	687692	55.14	ng	97
15) Benzyl Alcohol	7.01	79	563417	52.23	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1376476	55.09	ng	71
17) 2-Methylphenol	7.12	107	493575	52.96	ng	# 76
18) Hexachloroethane	7.38	117	263502	56.30	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	467135	53.60	ng	# 93
20) 3+4-Methylphenols	7.28	107	649958	56.81	ng	# 58
22) Acetophenone	7.28	105	828075	55.25	ng	# 80
24) Nitrobenzene	7.45	77	699021	57.26	ng	# 90
25) Isophorone	7.69	82	1226993	56.93	ng	97
26) 2-Nitrophenol	7.77	139	346769	70.82	ng	# 73
27) 2,4-Dimethylphenol	7.81	122	568161	55.29	ng	95
28) bis(2-Chloroethoxy)methane	7.91	93	762679	59.44	ng	99
29) 2,4-Dichlorophenol	8.01	162	535953	59.03	ng	92
30) 1,2,4-Trichlorobenzene	8.09	180	558759	53.42	ng	99
31) Naphthalene	8.17	128	1678893	52.55	ng	100
32) Benzoic acid	7.94	122	474538	58.64	ng	94
33) 4-Chloroaniline	8.22	127	788762	56.75	ng	# 93
34) Hexachlorobutadiene	8.30	225	355346	57.46	ng	98
35) Caprolactam	8.61	113	155240	55.45	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	597132	61.19	ng	# 83
37) 2-Methylnaphthalene	8.87	142	1283490	58.53	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	525818	48.80	ng	98
40) Hexachlorocyclopentadiene	9.03	237	292306	60.61	ng	97

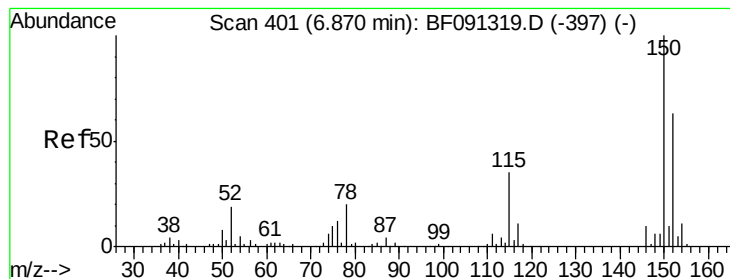
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112916\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	447002	60.16	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	350952	49.16	nq	# 89
45) 1,1'-Biphenyl	9.34	154	1499807	52.32	nq	93
46) 2-Chloronaphthalene	9.36	162	1148913	54.72	nq	91
47) 2-Nitroaniline	9.45	65	468223	65.71	nq	98
48) Acenaphthylene	9.77	152	1793632	53.30	nq	99
49) Dimethylphthalate	9.64	163	1181306	47.59	nq	97
50) 2,6-Dinitrotoluene	9.69	165	290846	53.64	nq	97
51) Acenaphthene	9.94	154	1235415	53.94	nq	96
52) 3-Nitroaniline	9.86	138	376112	64.51	nq	100
53) 2,4-Dinitrophenol	9.97	184	158247	80.45	nq	# 70
54) Dibenzofuran	10.12	168	1647672	51.15	nq	95
55) 4-Nitrophenol	10.01	139	243574	57.93	nq	99
56) 2,4-Dinitrotoluene	10.09	165	367923	53.62	nq	# 62
57) Fluorene	10.46	166	1339358	54.33	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	351753	56.03	nq	97
59) Diethylphthalate	10.33	149	1216228	48.69	nq	96
60) 4-Chlorophenyl-phenylether	10.45	204	527070	46.42	nq	# 84
61) 4-Nitroaniline	10.48	138	359846	66.16	nq	95
62) Azobenzene	10.61	77	1297244	51.20	nq	88
64) 4,6-Dinitro-2-methylphenol	10.50	198	253153	86.64	nq	# 56
65) n-Nitrosodiphenylamine	10.57	169	1138289	58.19	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	394508	56.02	nq	# 90
67) Hexachlorobenzene	11.01	284	436182	56.50	nq	# 92
68) Atrazine	11.10	200	381658	73.92	nq	96
69) Pentachlorophenol	11.19	266	262757	57.53	nq	96
70) Phenanthrene	11.42	178	1977491	59.17	nq	100
71) Anthracene	11.46	178	1719745	50.32	nq	100
72) Carbazole	11.61	167	1706075	56.10	nq	98
73) Di-n-butylphthalate	11.96	149	1884268	53.50	nq	99
74) Fluoranthene	12.60	202	1758277	51.72	nq	97
76) Benzidine	12.72	184	823361	94.90	nq	96
77) Pyrene	12.83	202	1785419	53.97	nq	99
79) Butylbenzylphthalate	13.45	149	801885	60.57	nq	# 85
80) Benzo(a)anthracene	14.01	228	1442203	56.76	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	547070	65.29	nq	# 99
82) Chrysene	14.05	228	1398146	58.23	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	955757	58.00	nq	# 94
84) Di-n-octyl phthalate	14.62	149	1410062	54.36	nq	98
85) Indeno(1,2,3-cd)pyrene	16.86	276	1399254	67.66	nq	95
87) Benzo(b)fluoranthene	15.04	252	1364846	56.66	nq	# 97
88) Benzo(k)fluoranthene	15.04	252	1364846	69.38	nq	# 96
89) Benzo(a)pyrene	15.40	252	1253565	61.18	nq	# 94
90) Dibenzo(a,h)anthracene	16.88	278	1161598	61.40	nq	# 94
91) Benzo(g,h,i)perylene	17.28	276	1209686	64.47	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

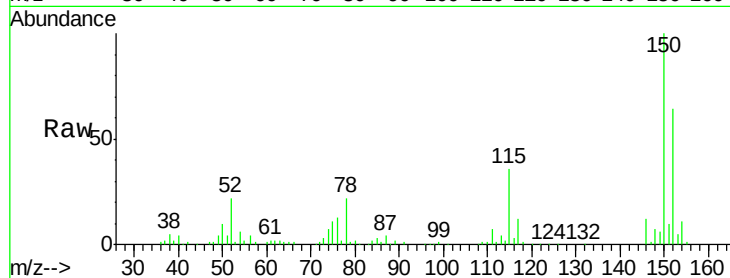
Tot Ion:152 Resp: 173743

Ion Ratio Lower Upper

152 100

150 157.3 122.5 183.7

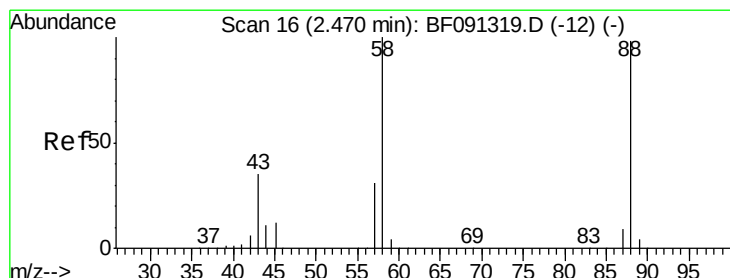
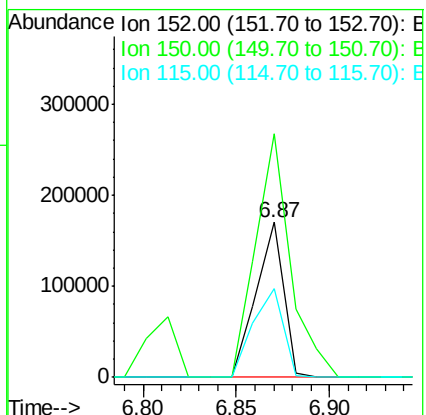
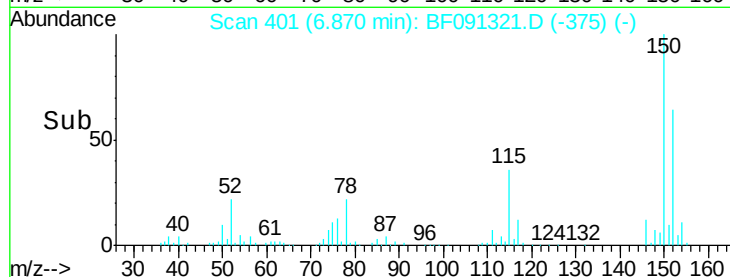
115 57.1 51.8 77.8



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: 52.89 ng

RT: 2.47 min Scan# 16

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

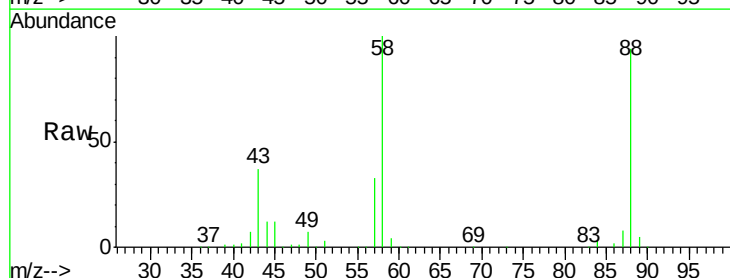
Tgt Ion: 88 Resp: 269789

Ion Ratio Lower Upper

88 100

58 104.8 70.3 105.5

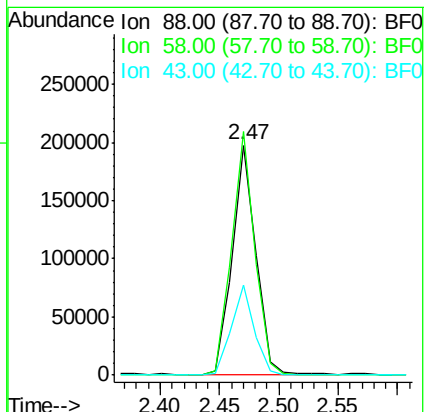
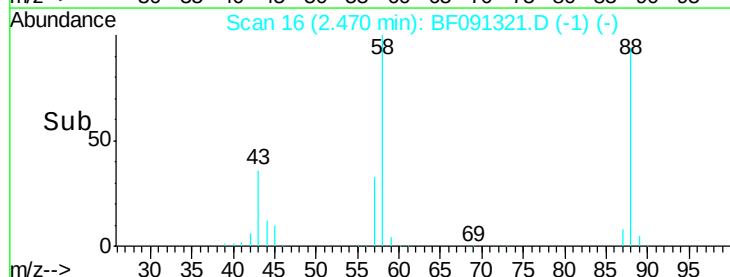
43 38.8 31.3 46.9

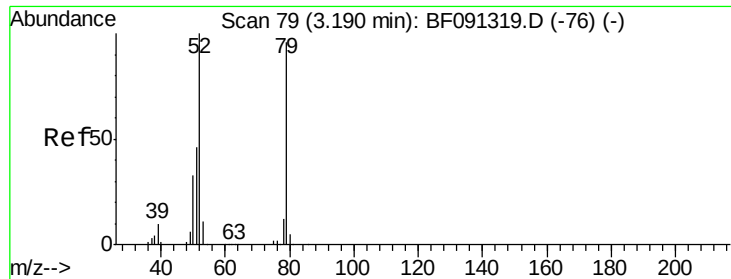


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 57.96 ng

RT: 3.20 min Scan# 80

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampled :

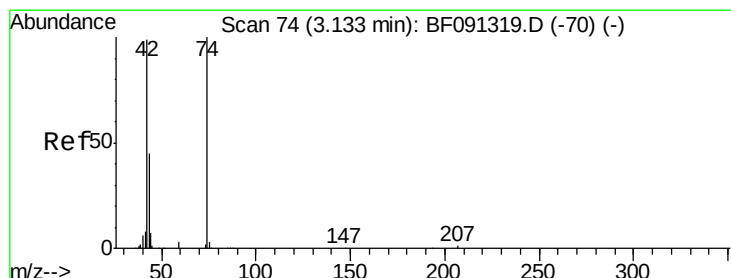
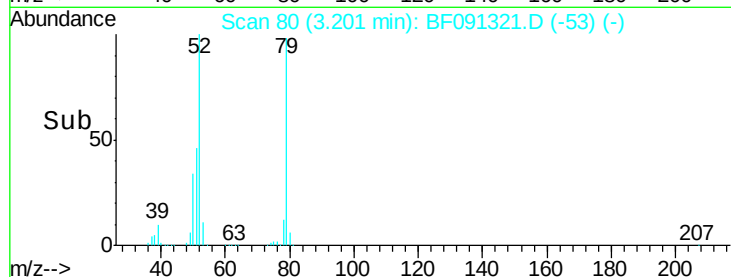
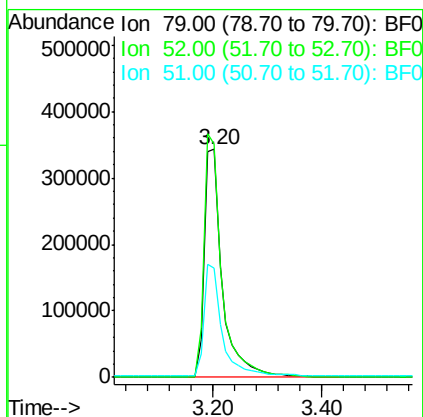
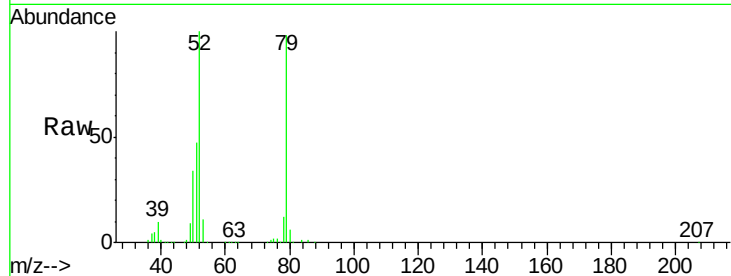
Tot Ion: 79 Resp: 794569

Ion Ratio Lower Upper

79 100

52 102.4 71.0 106.4

51 48.0 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 55.45 ng

RT: 3.16 min Scan# 76

Delta R.T. 0.02 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

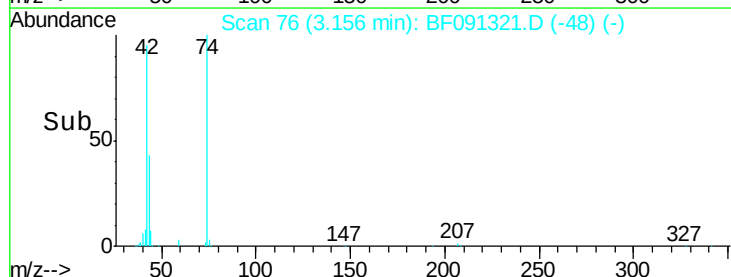
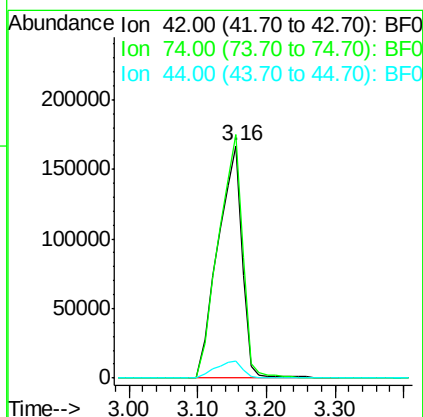
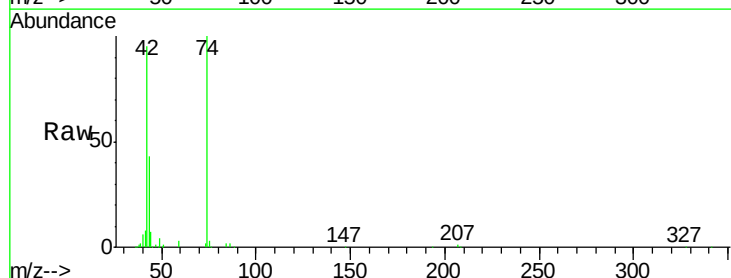
Tgt Ion: 42 Resp: 416228

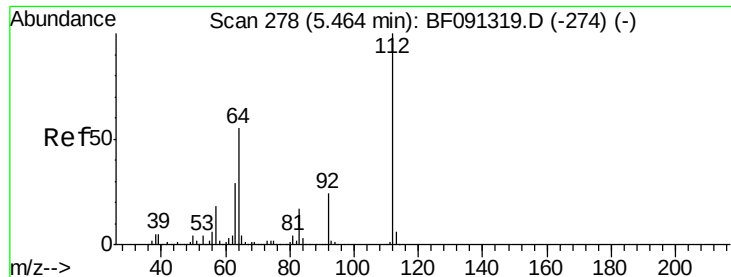
Ion Ratio Lower Upper

42 100

74 104.8 78.9 118.3

44 7.2 5.8 8.6





#5

2-Fluorophenol

Concen: 113.16 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

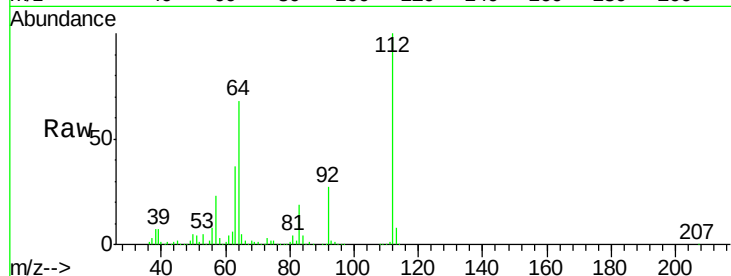
Tot Ion:112 Resp: 1223690

Ion Ratio Lower Upper

112 100

64 68.5 61.5 92.3

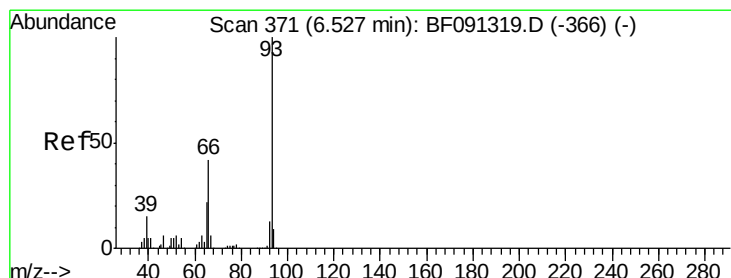
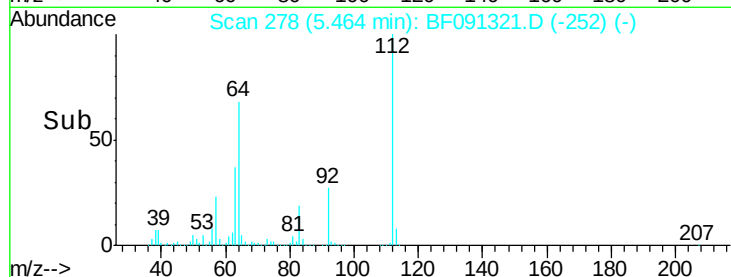
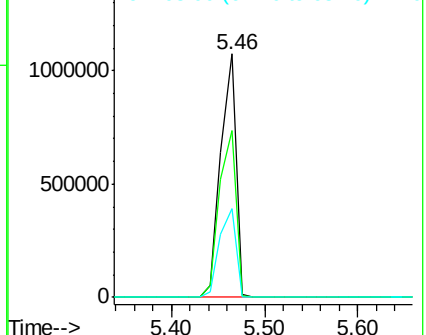
63 36.6 33.3 49.9



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: 54.48 ng

RT: 6.53 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

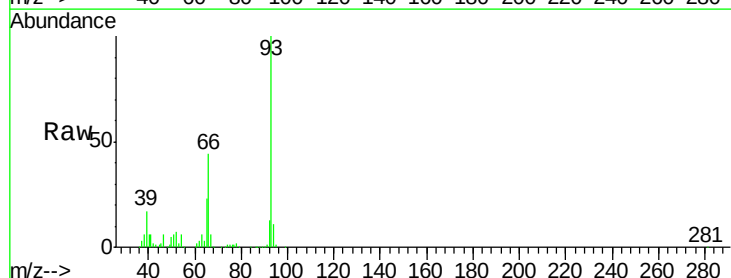
Tgt Ion: 93 Resp: 967643

Ion Ratio Lower Upper

93 100

66 43.9 55.8 83.6#

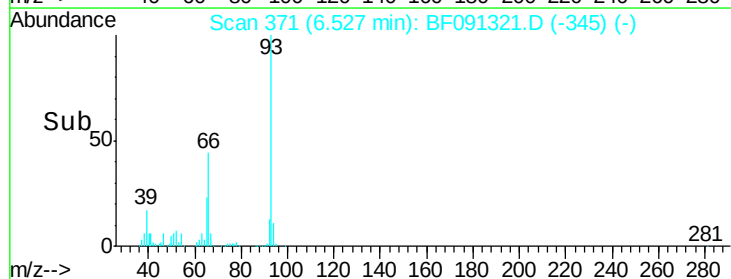
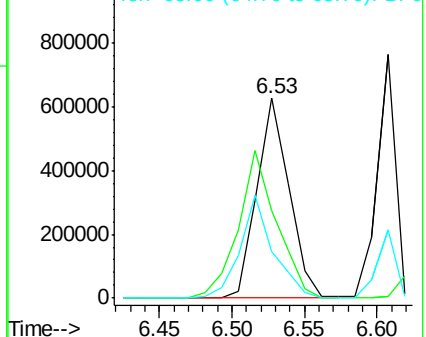
65 23.3 29.9 44.9#

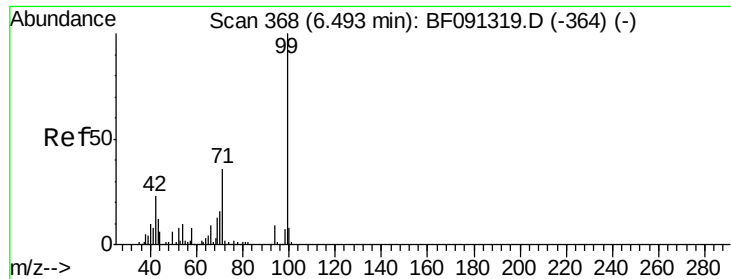


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 108.50 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

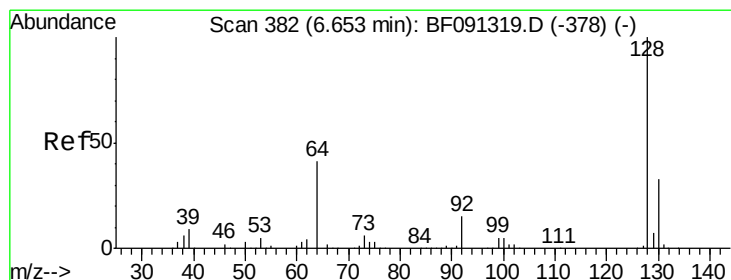
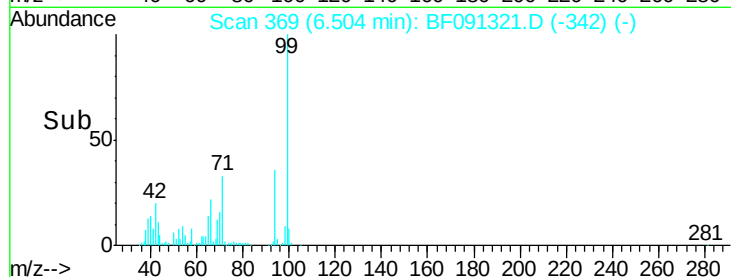
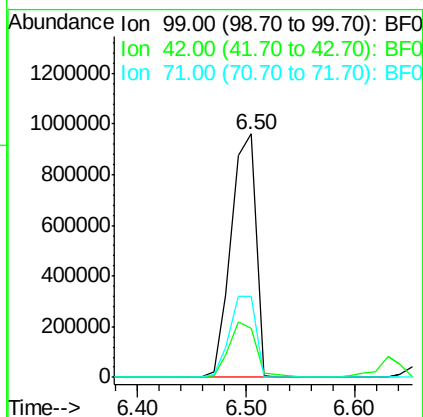
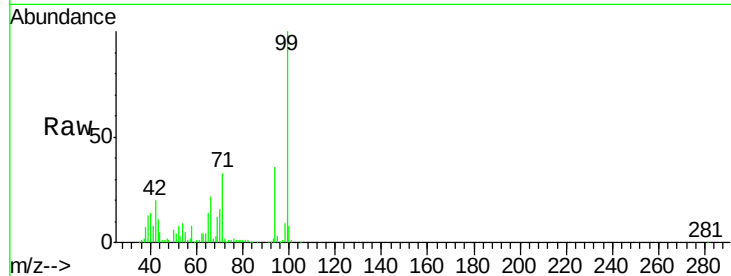
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1507410

Ion	Ratio	Lower	Upper
99	100		
42	20.2	20.6	31.0#
71	33.4	29.9	44.9



#8

2-Chlorophenol

Concen: 55.31 ng

RT: 6.65 min Scan# 382

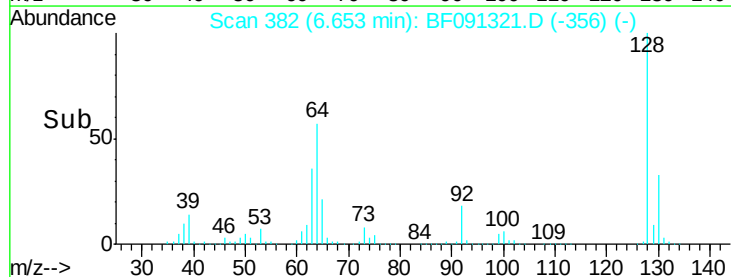
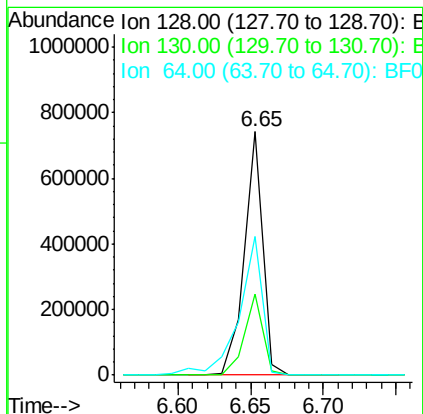
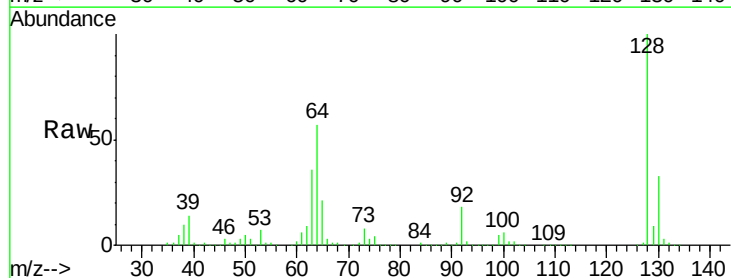
Delta R.T. 0.00 min

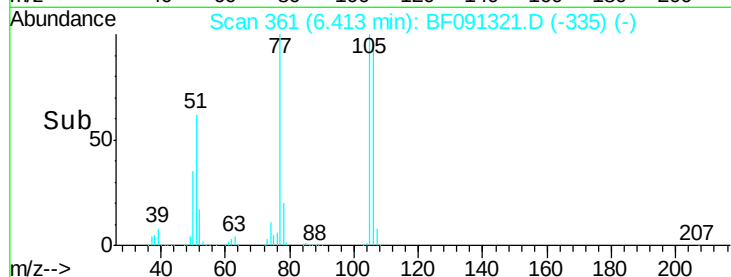
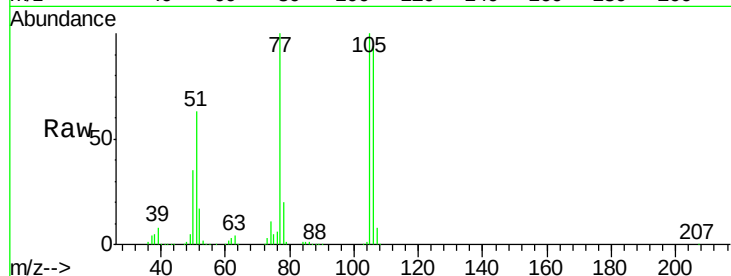
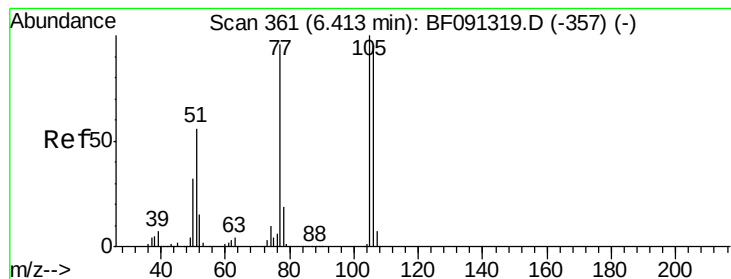
Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Tgt Ion: 128 Resp: 651457

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.1	53.1
64	56.8	24.1	64.1





#9

Benzaldehyde

Concen: 60.50 ng

RT: 6.41 min Scan# 361

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

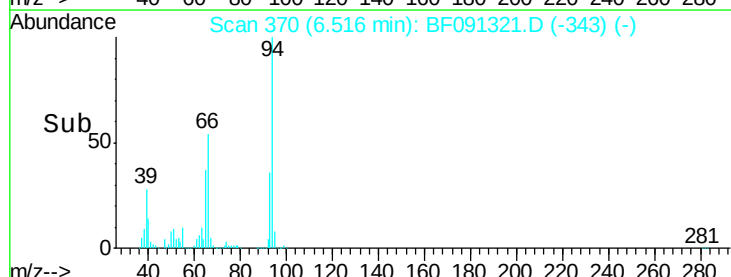
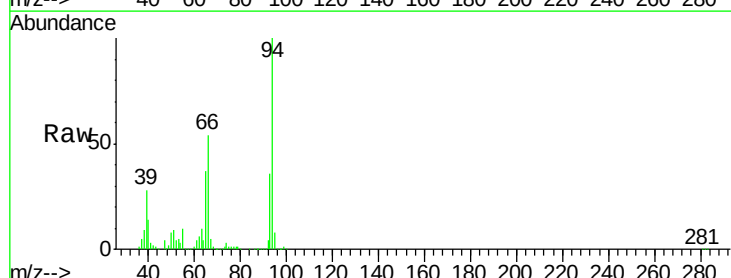
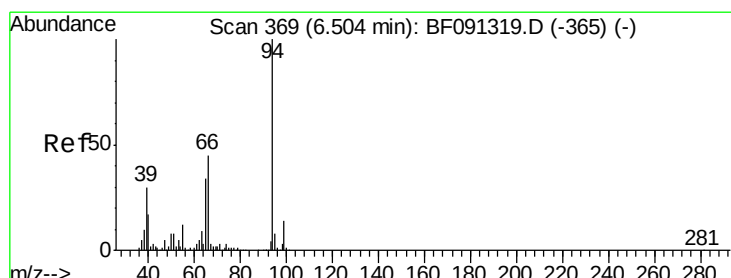
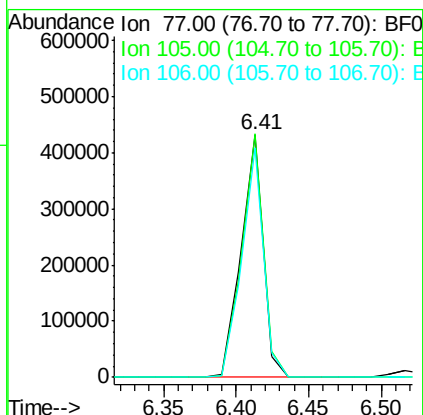
Tot Ion: 77 Resp: 454917

Ion Ratio Lower Upper

77 100

105 100.4 66.4 106.4

106 94.6 60.9 100.9



#10

Phenol

Concen: 61.27 ng

RT: 6.52 min Scan# 370

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

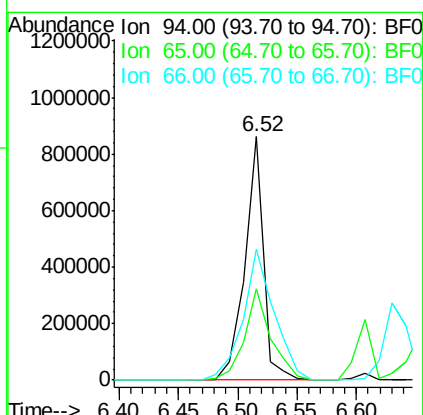
Tgt Ion: 94 Resp: 949819

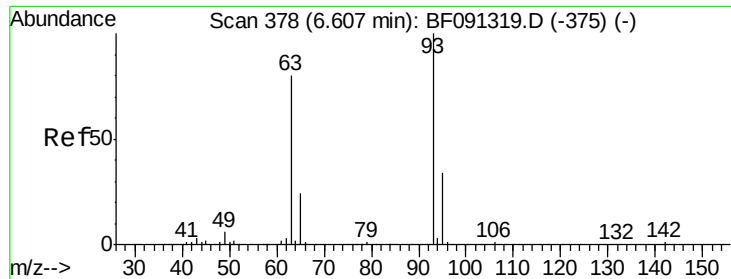
Ion Ratio Lower Upper

94 100

65 37.3 16.9 56.9

66 53.6 30.6 70.6

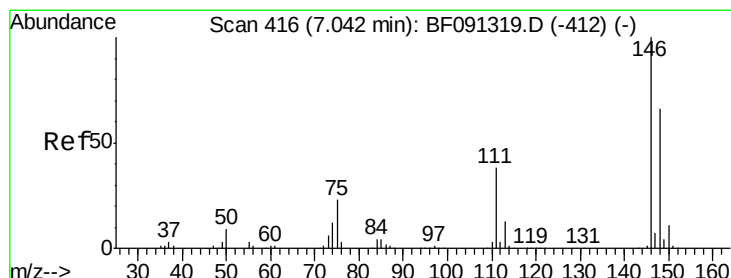
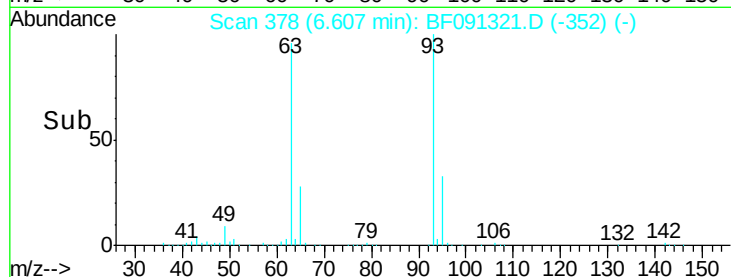
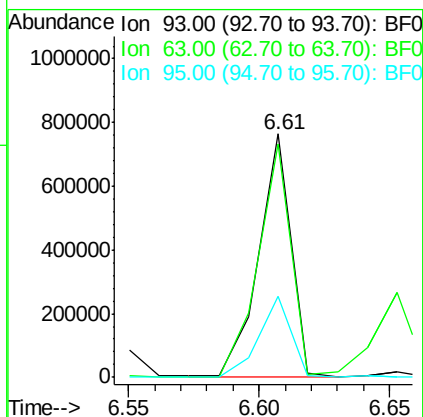
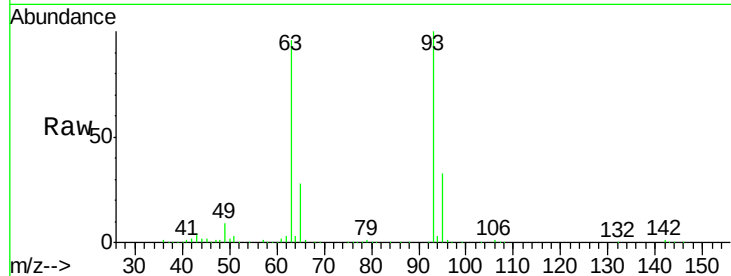




#11
bis(2-Chloroethyl)ether
Concen: 58.04 ng
RT: 6.61 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

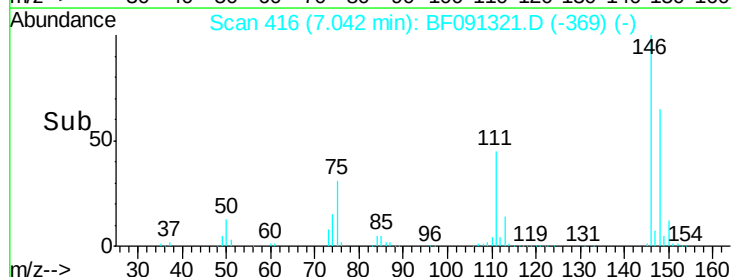
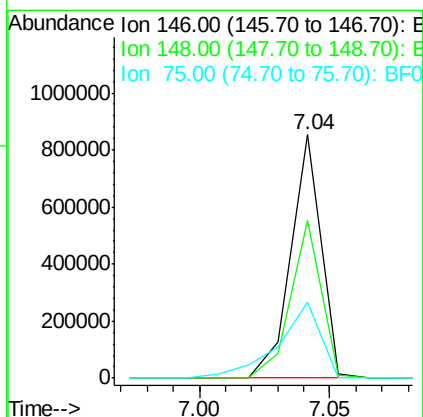
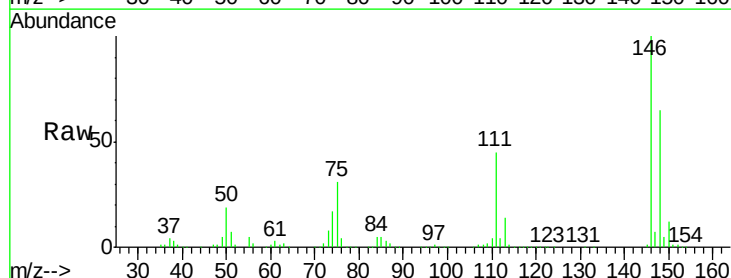
Instrument :
BNA_F
ClientSampled :

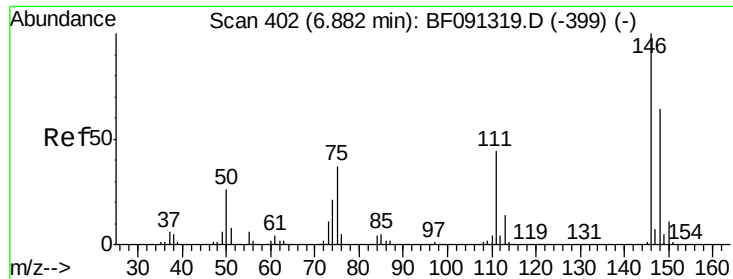
Tot Ion: 93 Resp: 661451
Ion Ratio Lower Upper
93 100
63 95.9 74.8 114.8
95 33.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 53.55 ng
RT: 7.04 min Scan# 416
Delta R.T. 0.24 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion: 146 Resp: 687778
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.0
75 31.4 23.6 35.4

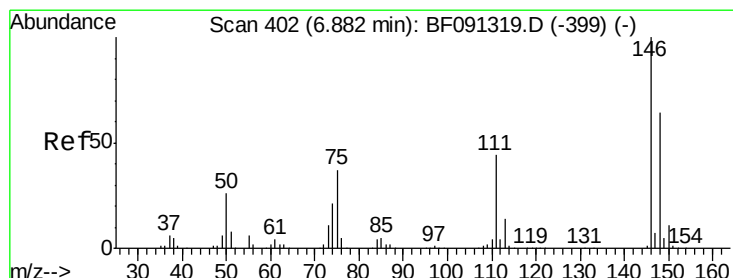
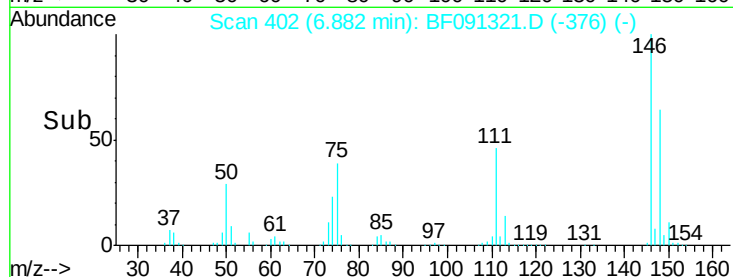
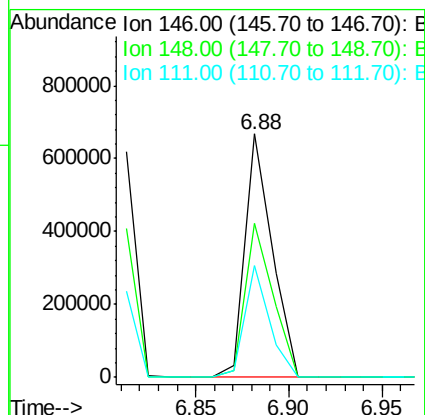
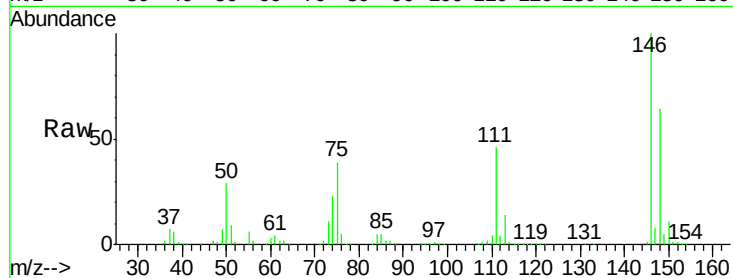




#13
 1,4-Dichlorobenzene
 Concen: 51.41 ng
 RT: 6.88 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

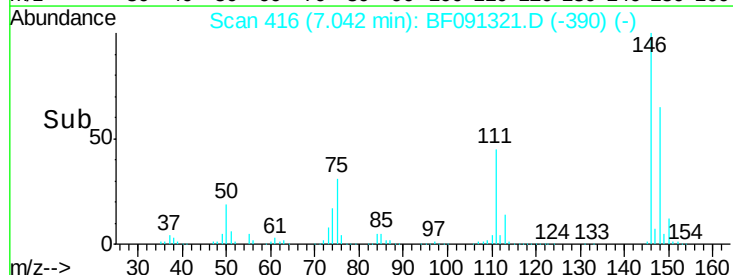
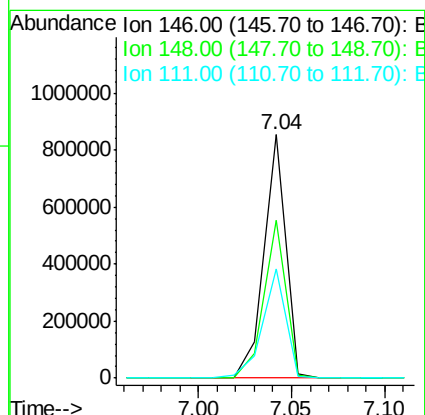
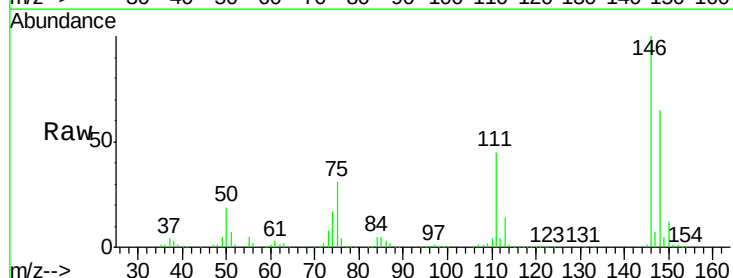
Instrument :
 BNA_F
 ClientSampleId :

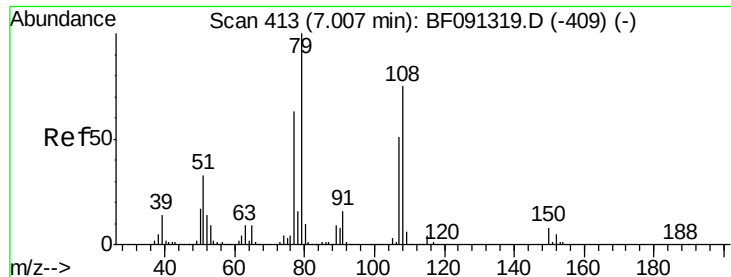
Tot Ion:146 Resp: 675873
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.4 77.0
 111 46.0 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 55.14 ng
 RT: 7.04 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Tgt Ion:146 Resp: 687692
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.0 76.6
 111 45.1 38.9 58.3





#15

Benzyl Alcohol

Concen: 52.23 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

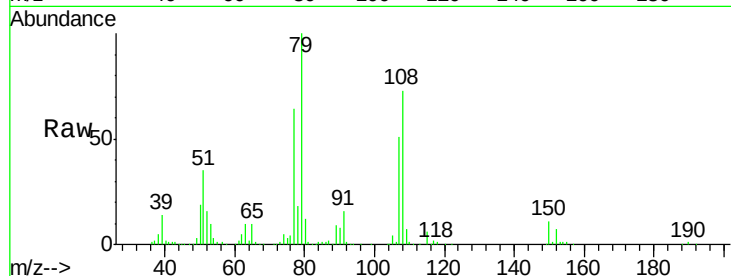
Tot Ion: 79 Resp: 563417

Ion	Ratio	Lower	Upper
79	100		
108	73.0	62.7	94.1
77	63.8	51.7	77.5

79 100

108 73.0 62.7 94.1

77 63.8 51.7 77.5

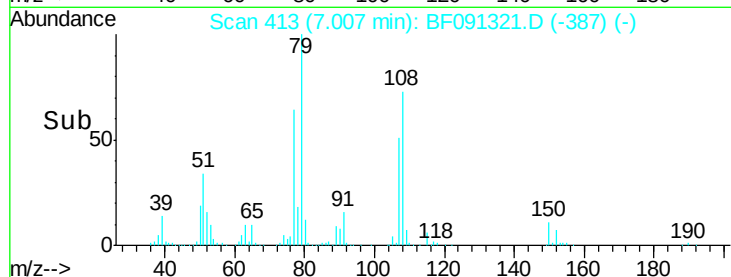


Abundance Ion 79.00 (78.70 to 79.70): BF0

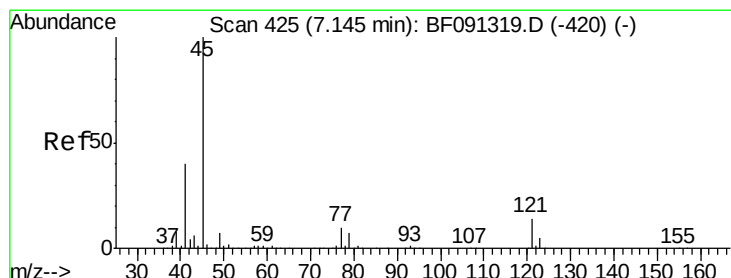
Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Time-->



Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 55.09 ng

RT: 7.14 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

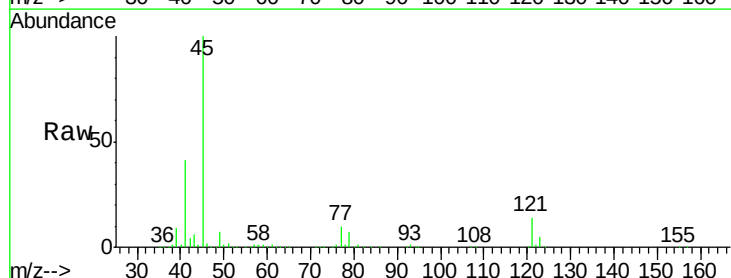
Tgt Ion: 45 Resp: 1376476

Ion	Ratio	Lower	Upper
45	100		
77	9.7	3.8	43.8
79	7.1	0.2	40.2

45 100

77 9.7 3.8 43.8

79 7.1 0.2 40.2

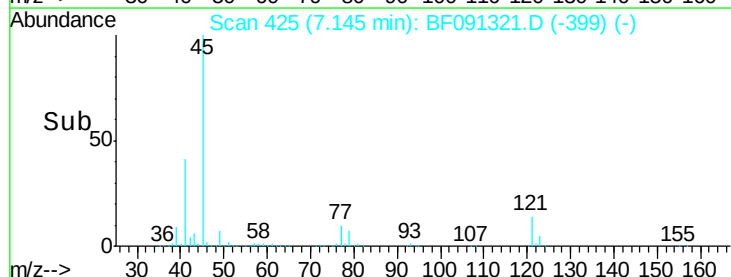


Abundance Ion 45.00 (44.70 to 45.70): BF0

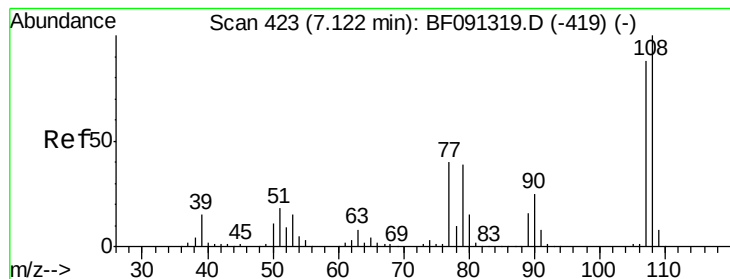
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



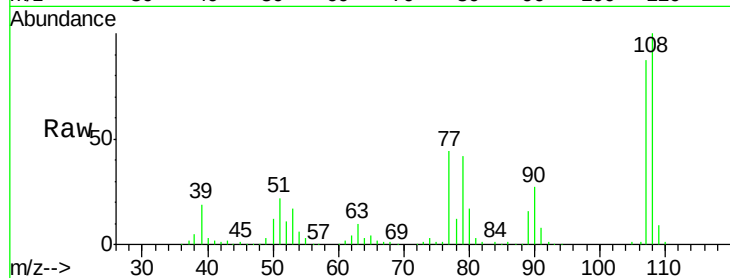
Time-->



#17
2-Methylphenol
Concen: 52.96 ng
RT: 7.12 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.6	67.7	101.5#
77	50.4	40.7	61.1
79	48.8	23.4	35.2#



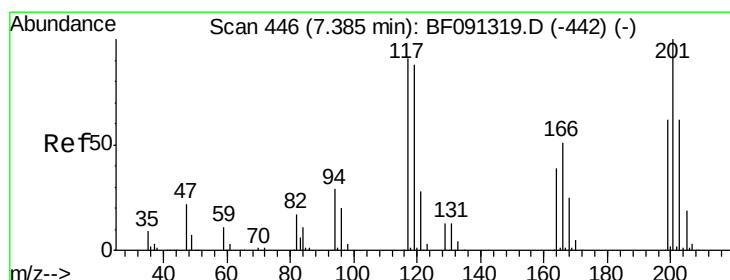
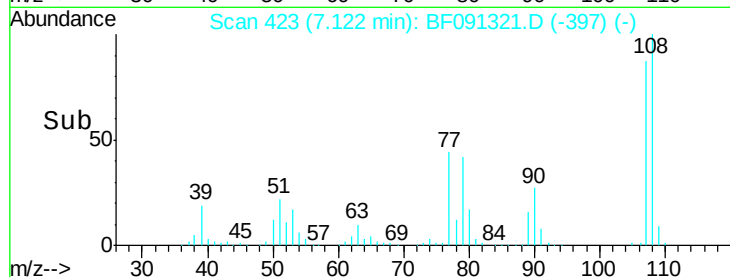
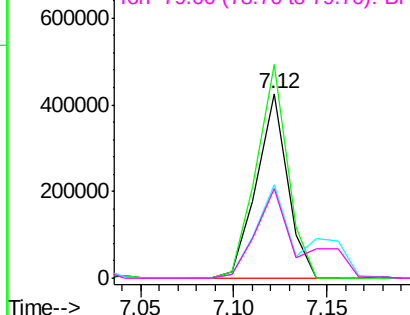
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

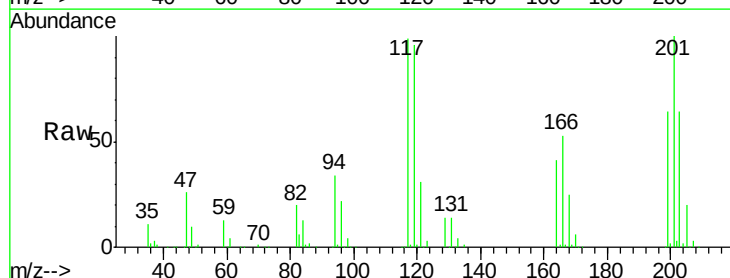
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 56.30 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.6	118.0
201	101.1	86.7	130.1

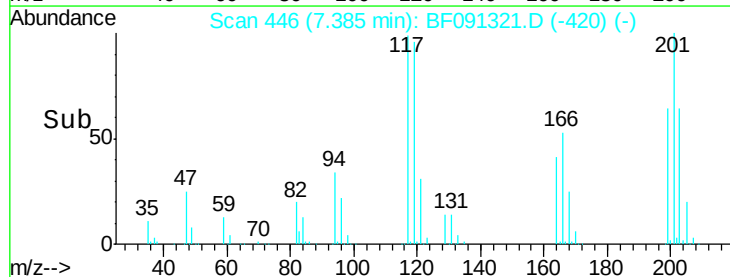
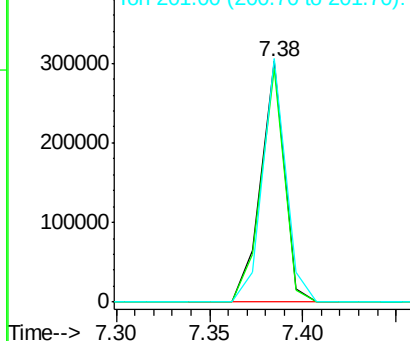


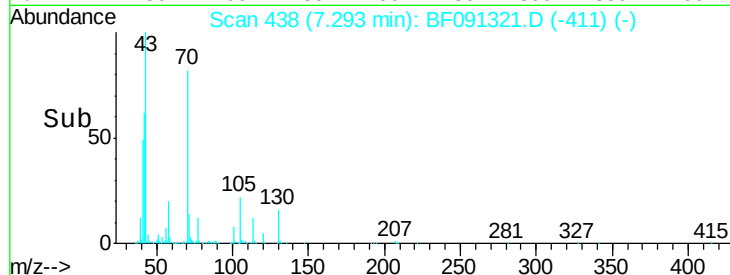
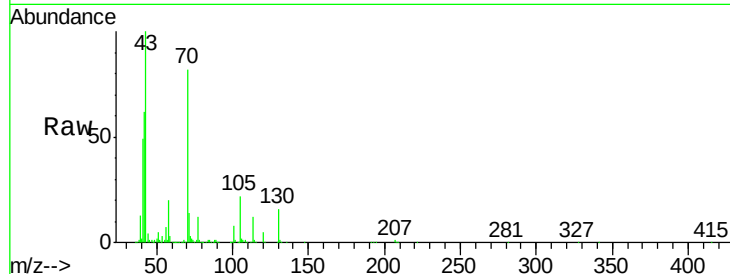
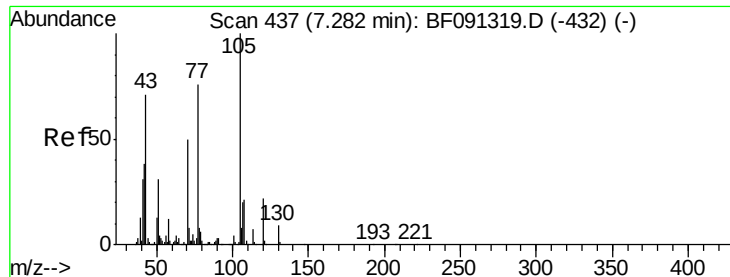
Abundance

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

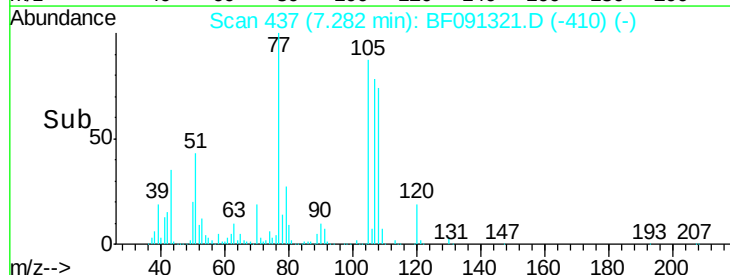
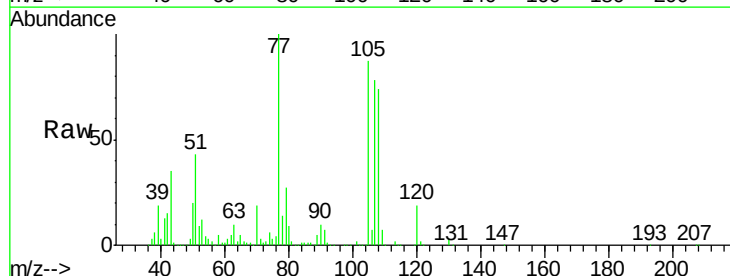
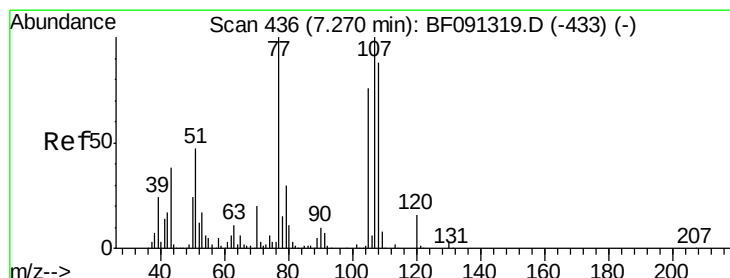
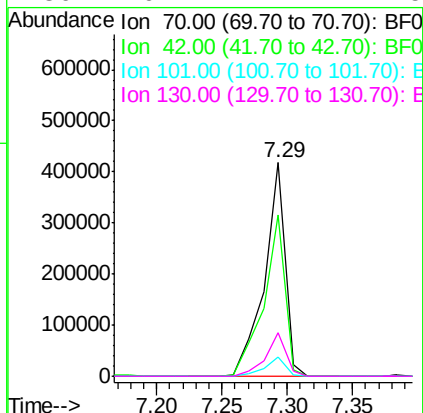




#19
n-Nitroso-di-n-propylamine
Concen: 53.60 ng
RT: 7.29 min Scan# 438
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

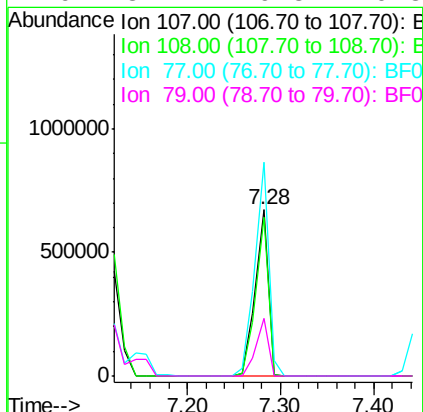
Instrument :
BNA_F
ClientSampleId :

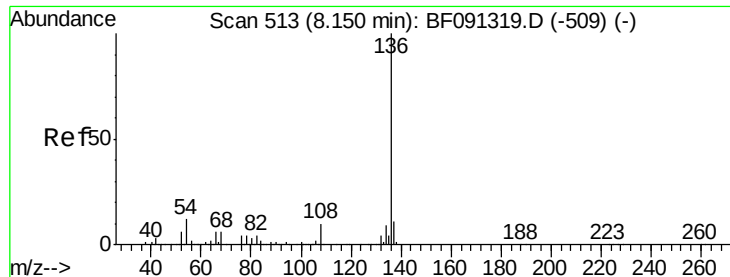
Tot Ion	Ratio	Lower	Upper
70	100		
42	75.6	64.8	97.2
101	9.3	6.2	9.4
130	20.1	11.7	17.5



#20
3+4-Methylphenols
Concen: 56.81 ng
RT: 7.28 min Scan# 437
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.2	64.6	104.6
77	128.4	30.9	70.9
79	34.4	9.3	49.3

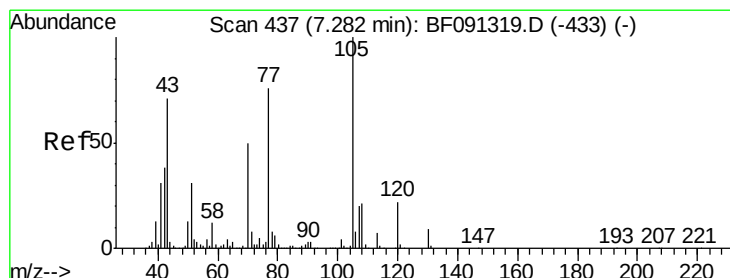
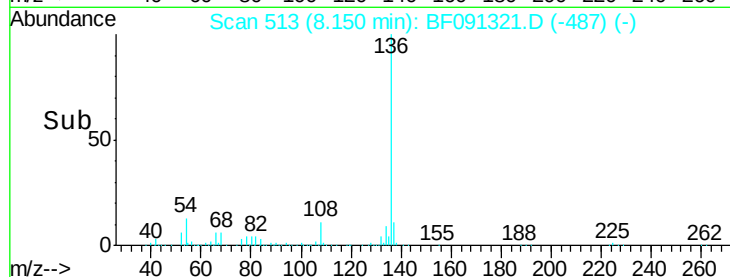
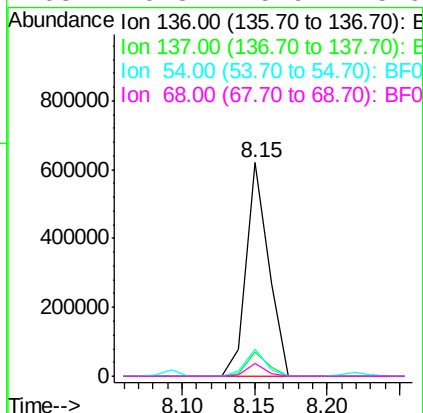
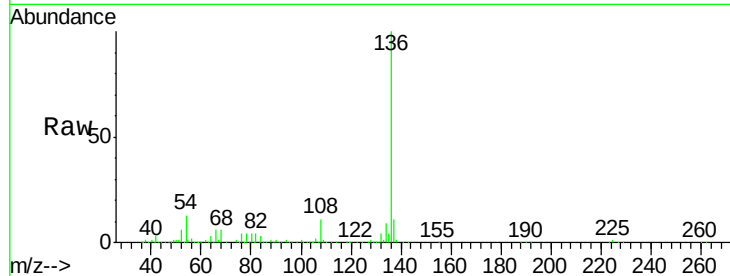




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

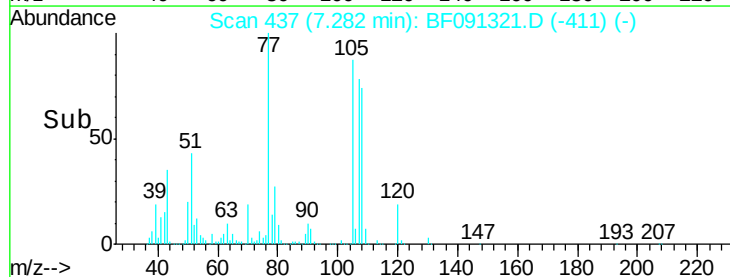
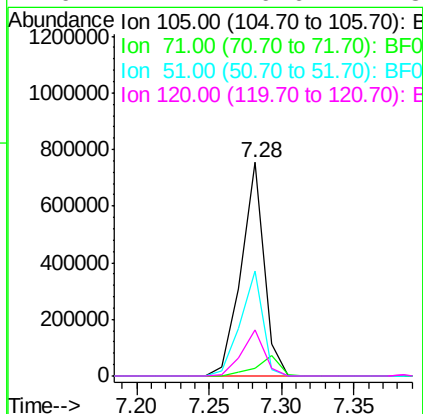
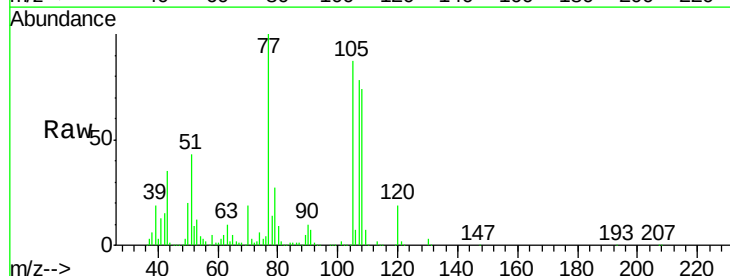
Instrument :
BNA_F
ClientSampleId :

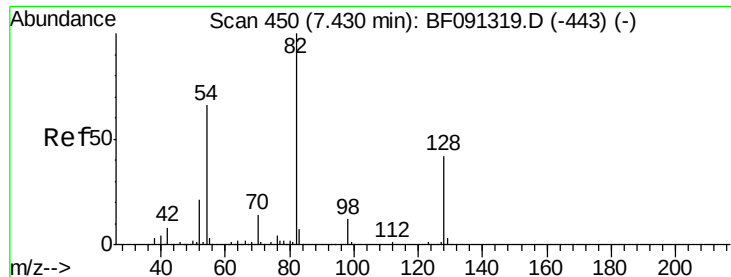
Tot Ion:136	Resp: 664202
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 12.6	9.1 13.7
68 6.3	5.9 8.9



#22
Acetophenone
Concen: 55.25 ng
RT: 7.28 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt	Ion:105	Resp:	828075
Ion	Ratio	Lower	Upper
105	100		
71	3.8	7.9	11.9#
51	49.3	24.5	36.7#
120	21.4	16.6	24.8

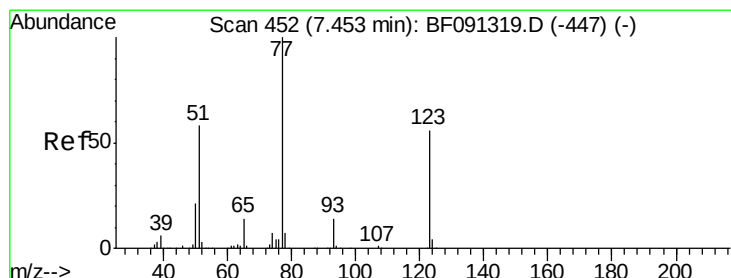
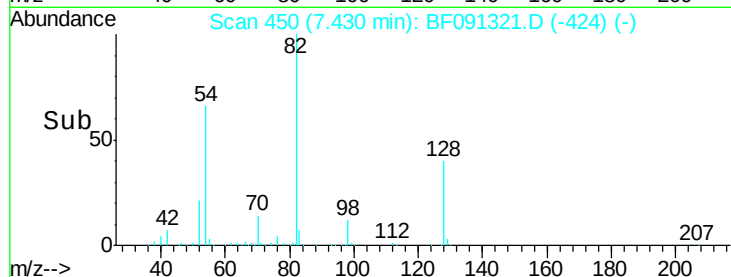
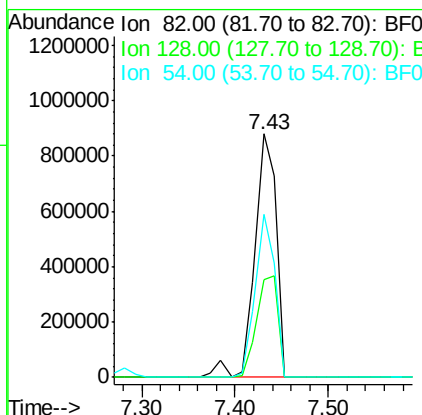
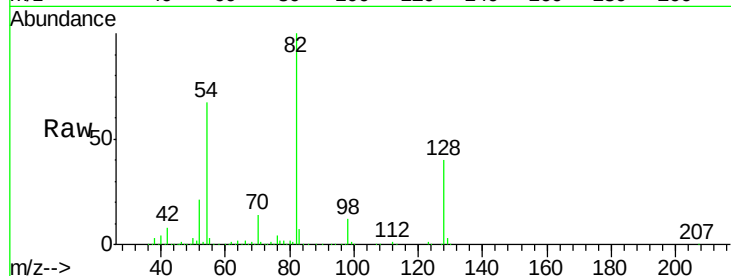




#23
Nitrobenzene-d5
Concen: 122.21 ng
RT: 7.43 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

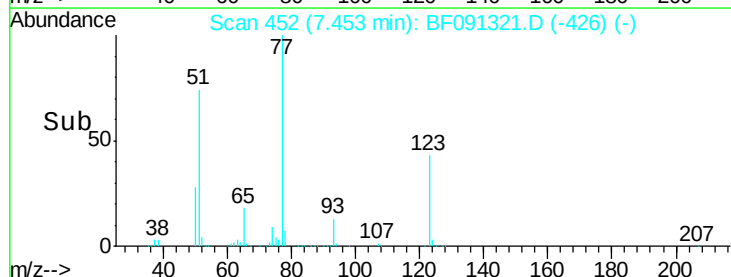
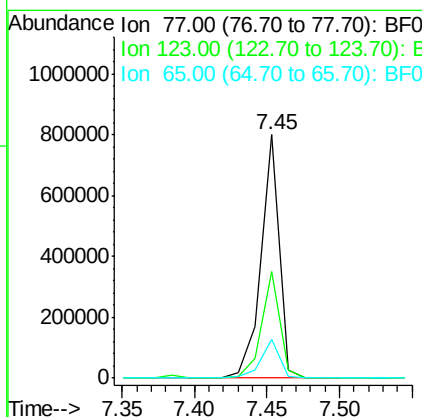
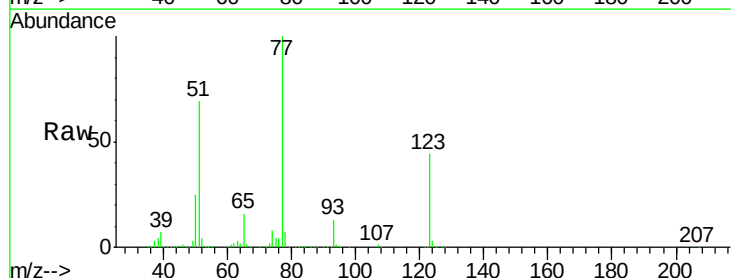
Instrument :
BNA_F
ClientSampleId :

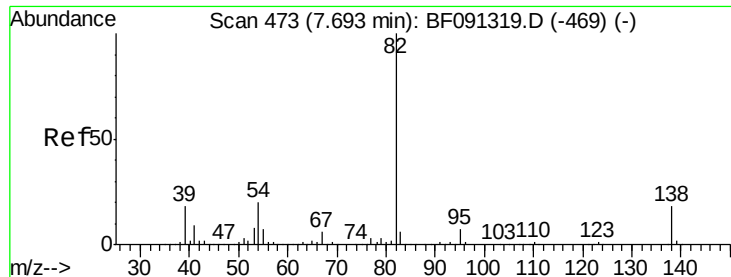
Tot Ion: 82 Resp: 1409937
Ion Ratio Lower Upper
82 100
128 40.1 31.8 47.6
54 66.7 49.1 73.7



#24
Nitrobenzene
Concen: 57.26 ng
RT: 7.45 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion: 77 Resp: 699021
Ion Ratio Lower Upper
77 100
123 43.8 28.5 42.7#
65 16.0 12.5 18.7





#25

Isophorone

Concen: 56.93 ng

RT: 7.69 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

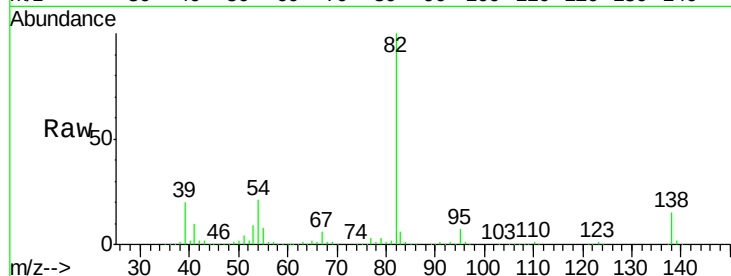
Tot Ion: 82 Resp: 1226993

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

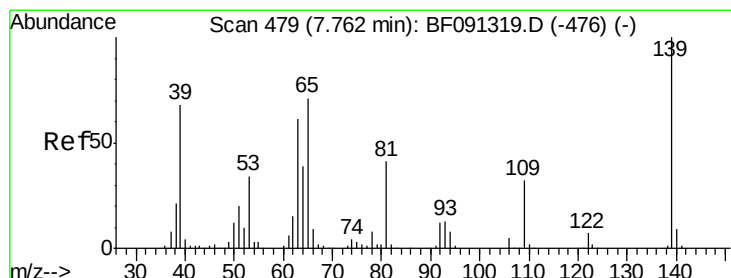
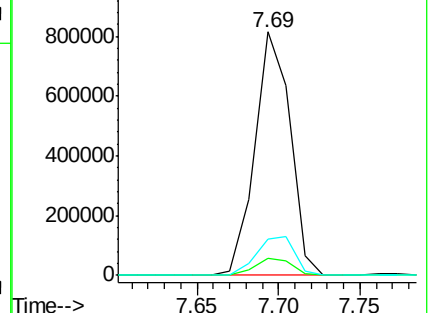
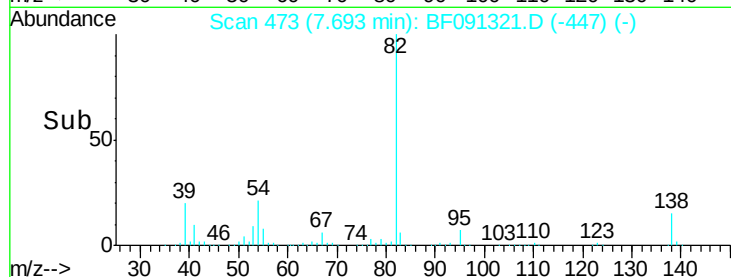
138 14.9 13.4 20.0



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: 70.82 ng

RT: 7.77 min Scan# 480

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

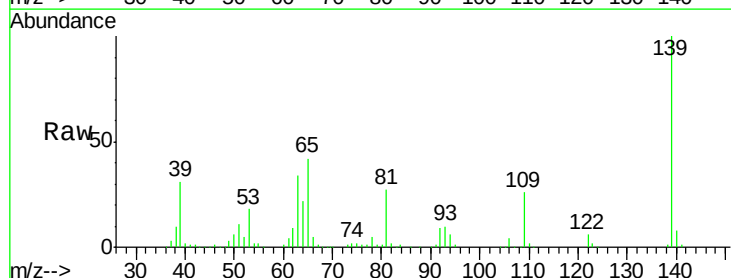
Tgt Ion: 139 Resp: 346769

Ion Ratio Lower Upper

139 100

109 25.6 25.3 37.9

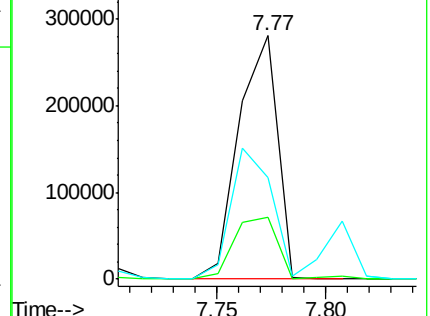
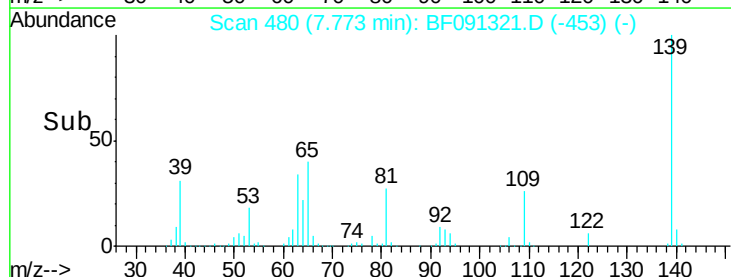
65 41.7 55.4 83.2#

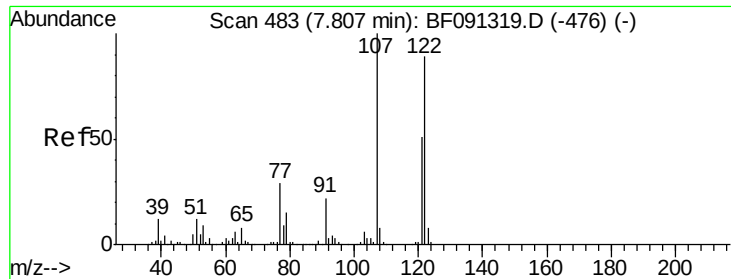


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 55.29 ng

RT: 7.81 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

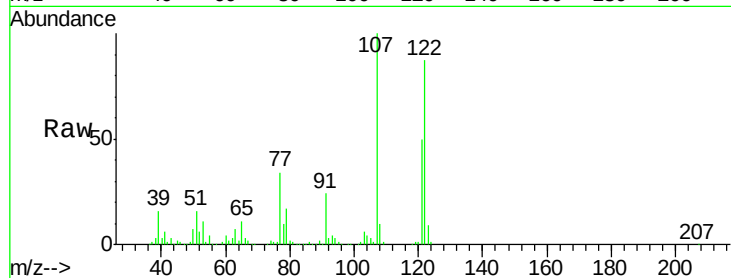
Tot Ion:122 Resp: 568161

Ion Ratio Lower Upper

122 100

107 114.8 96.8 145.2

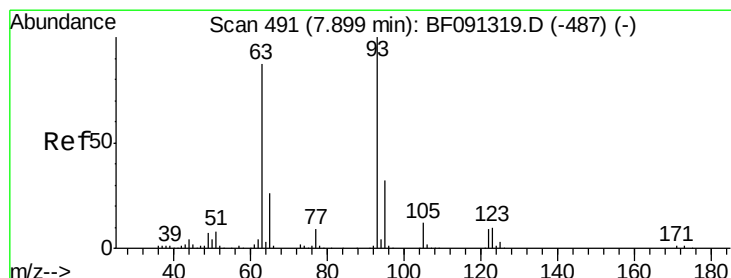
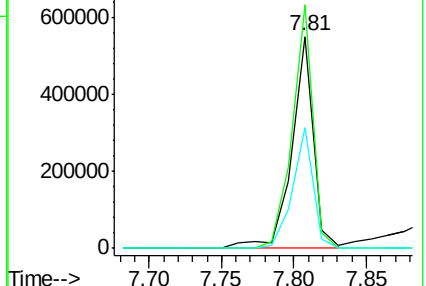
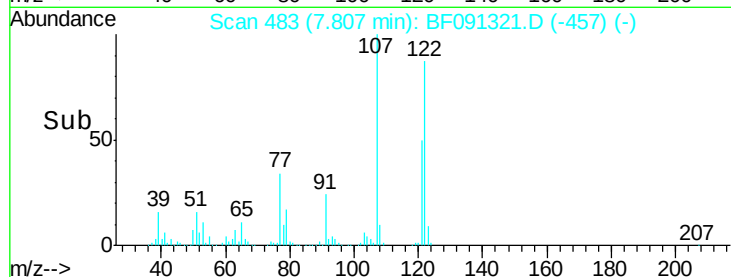
121 57.0 47.7 71.5



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: 59.44 ng

RT: 7.91 min Scan# 492

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

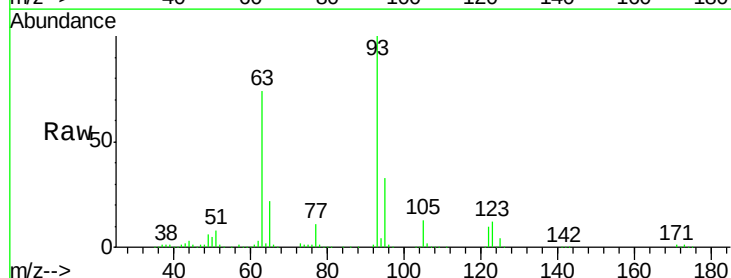
Tgt Ion: 93 Resp: 762679

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

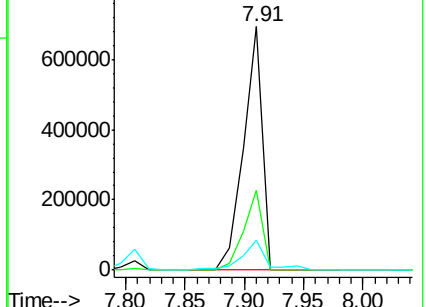
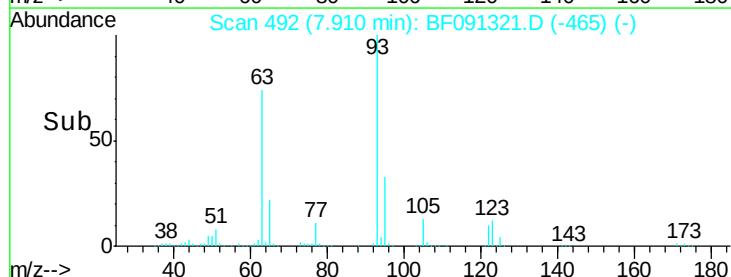
123 12.4 8.6 12.8

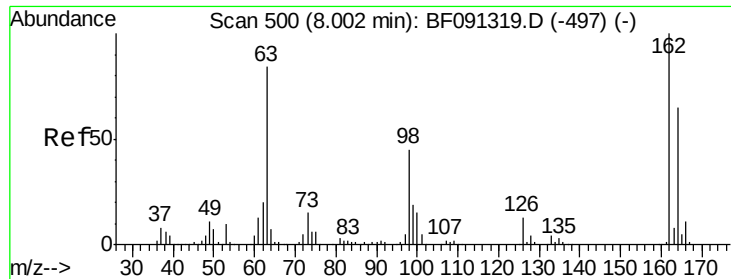


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

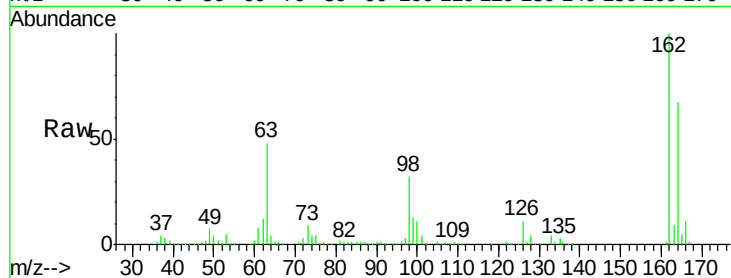




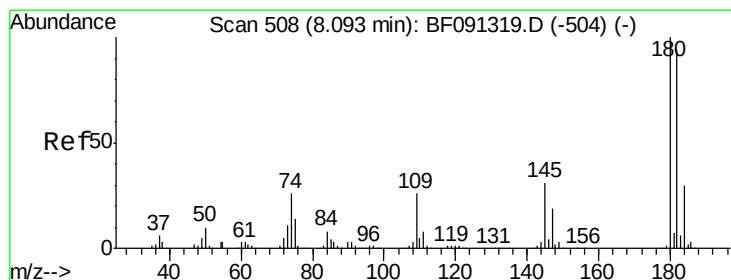
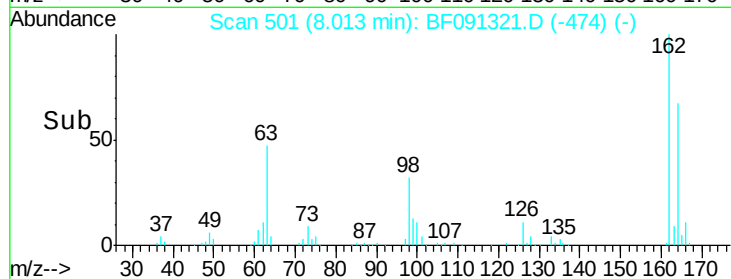
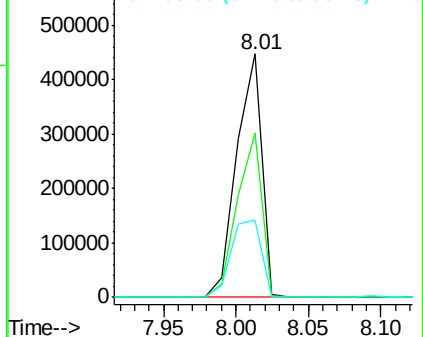
#29
2,4-Dichlorophenol
Concen: 59.03 ng
RT: 8.01 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.4	45.0	85.0
98	31.7	21.3	61.3

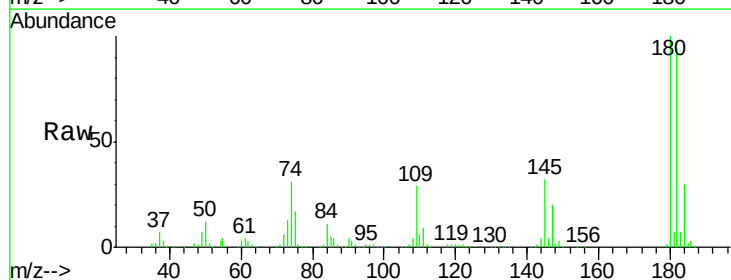


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

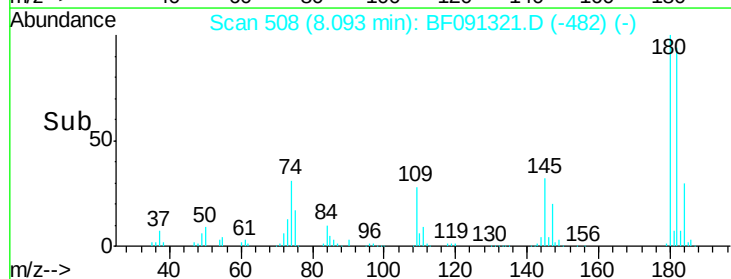
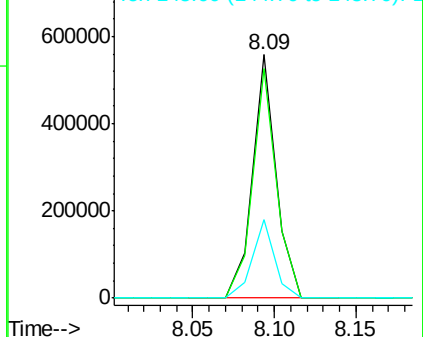


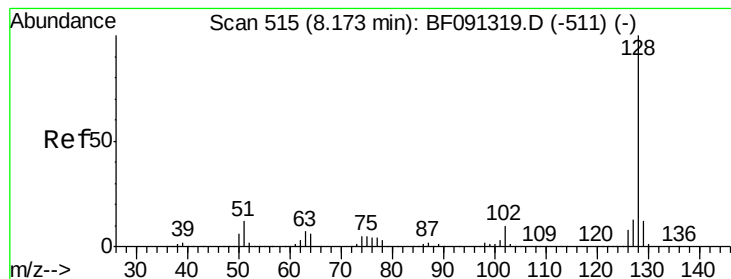
#30
1,2,4-Trichlorobenzene
Concen: 53.42 ng
RT: 8.09 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.8	113.8
145	32.5	27.0	40.4



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: 52.55 ng

RT: 8.17 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

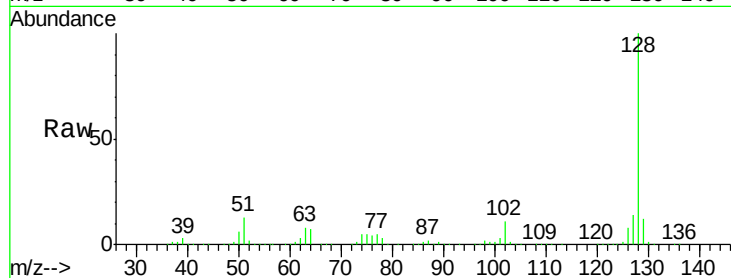
Tot Ion:128 Resp: 1678893

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

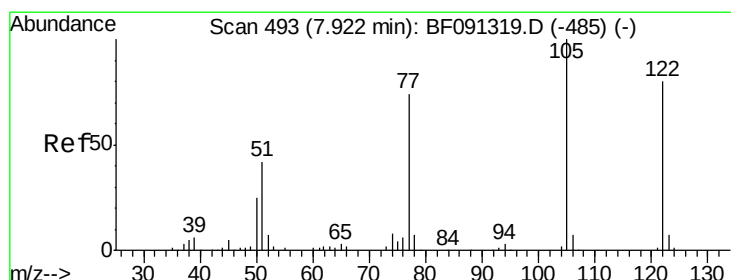
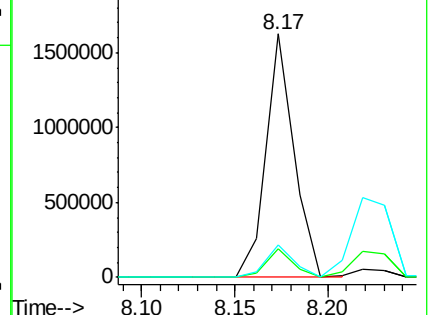
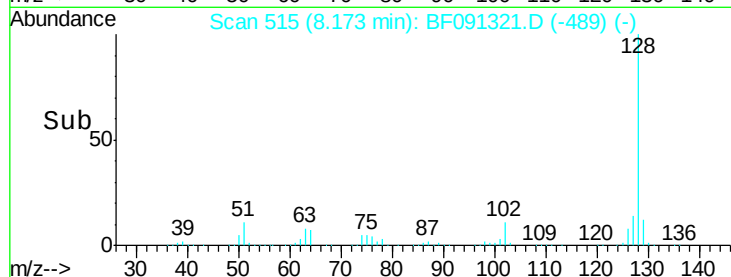
127 13.5 11.0 16.4



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: 58.64 ng

RT: 7.94 min Scan# 495

Delta R.T. 0.02 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

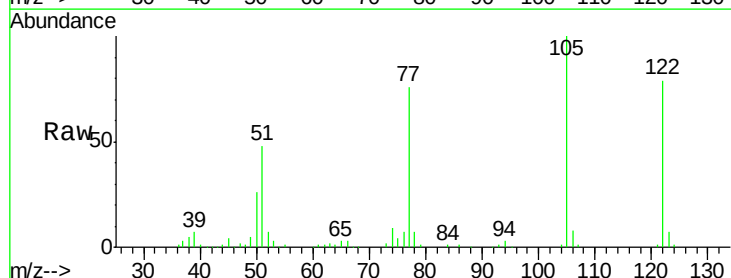
Tgt Ion:122 Resp: 474538

Ion Ratio Lower Upper

122 100

105 126.8 113.0 153.0

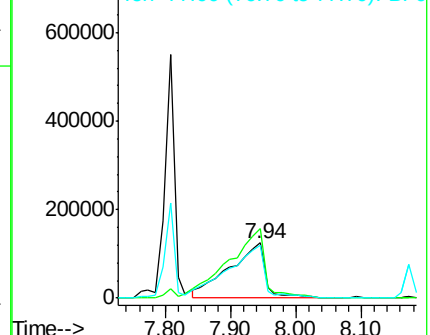
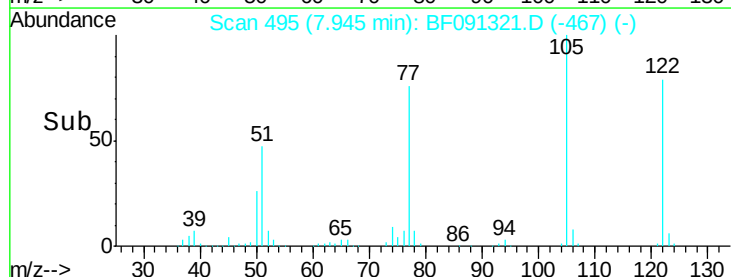
77 95.8 82.0 122.0

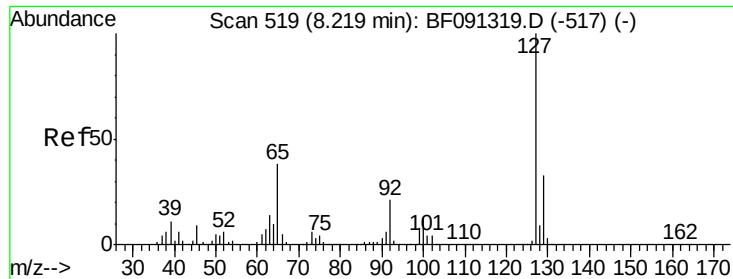


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

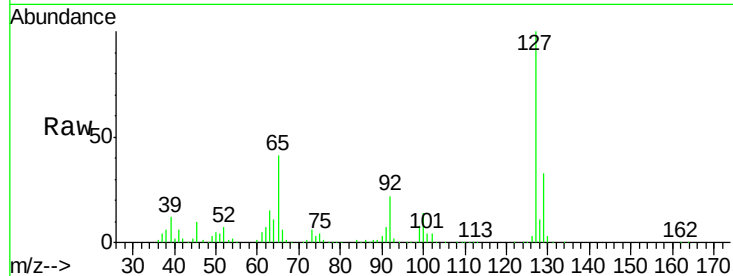




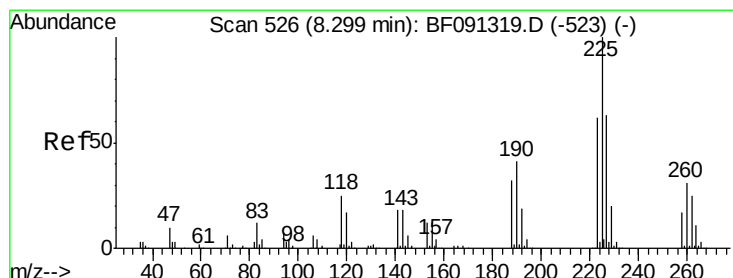
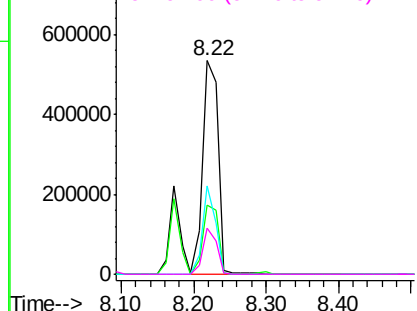
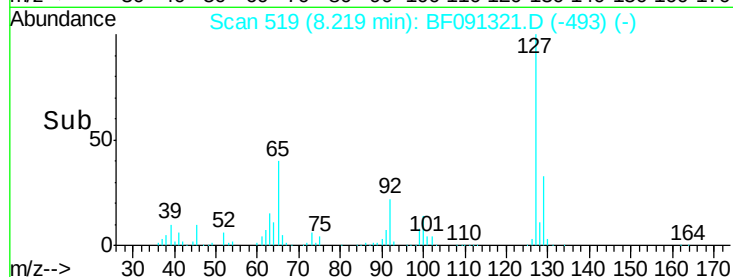
#33
4-Chloroaniline
Concen: 56.75 ng
RT: 8.22 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	788762
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	41.2	26.6	39.8
92	21.8	15.4	23.0

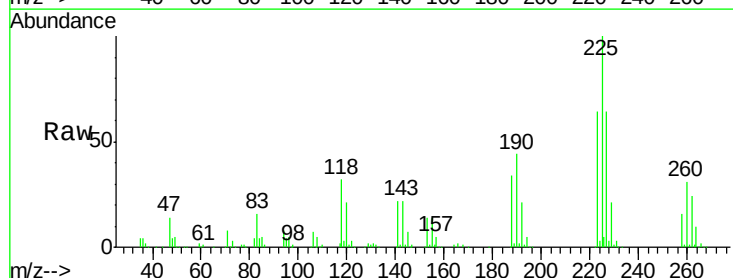


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

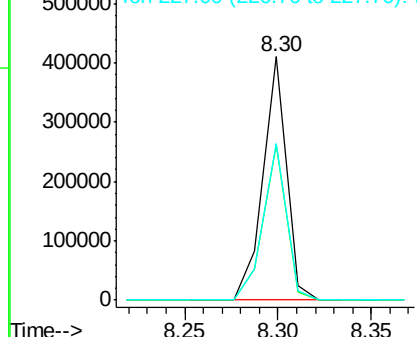
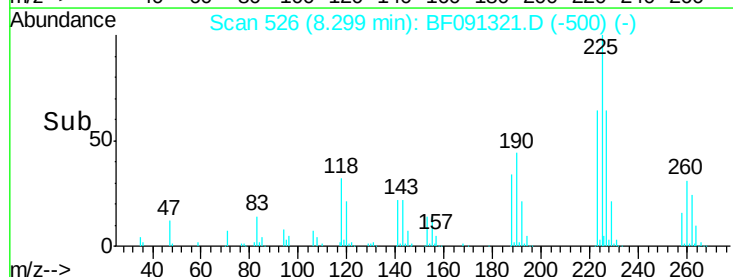


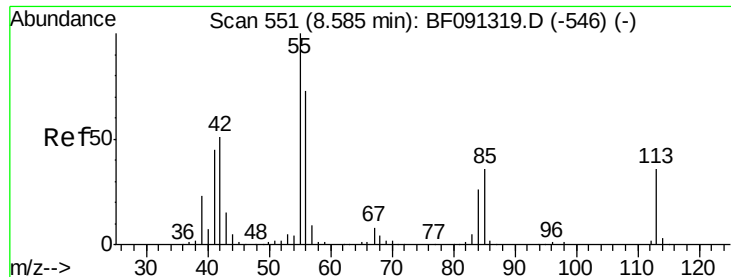
#34
Hexachlorobutadiene
Concen: 57.46 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion:	225	Resp:	355346
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.8	74.6
227	64.0	52.6	79.0



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

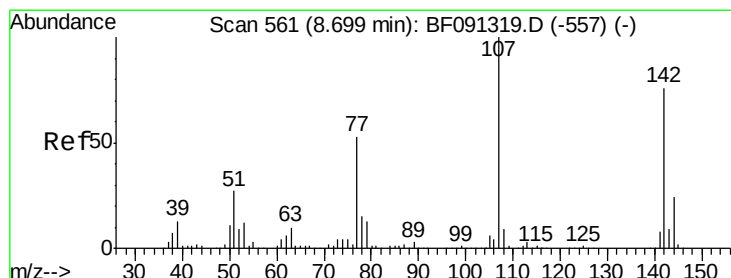
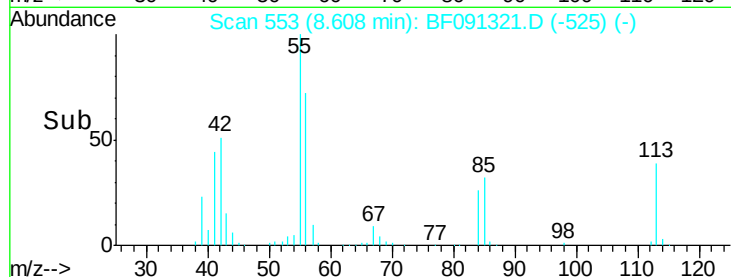
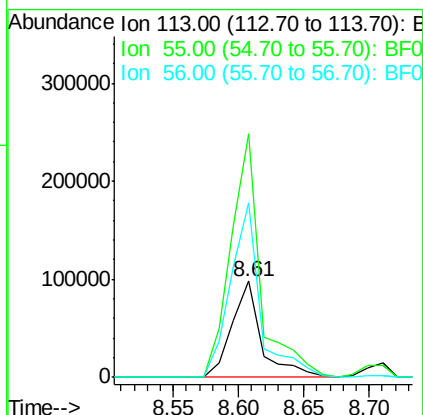
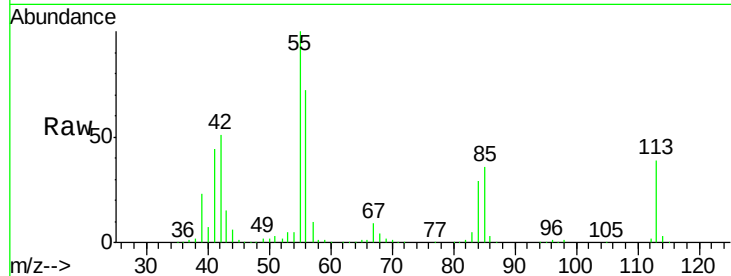




#35
 Caprolactam
 Concen: 55.45 ng
 RT: 8.61 min Scan# 553
 Delta R.T. 0.02 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

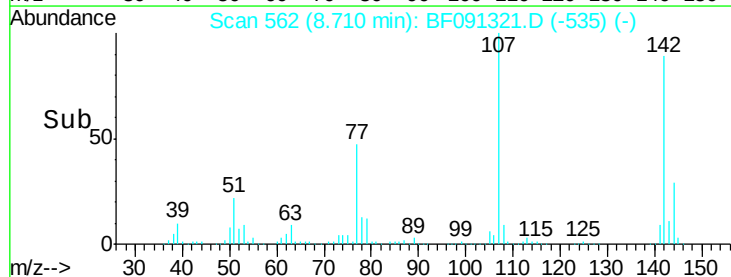
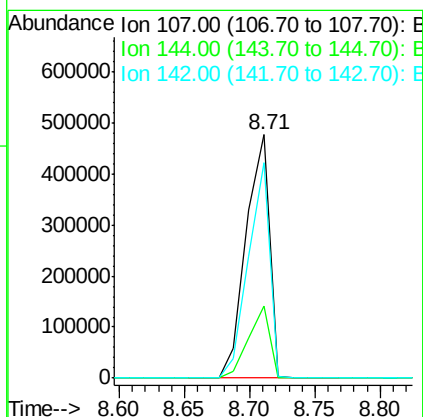
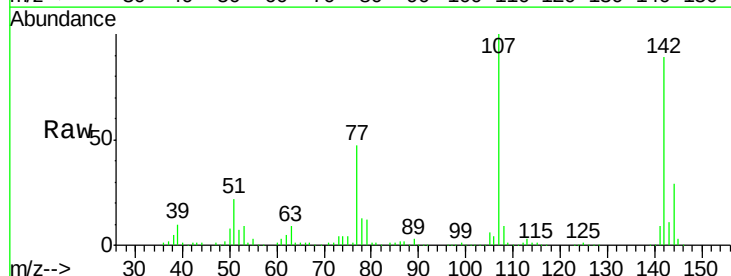
Instrument :
 BNA_F
 ClientSampleId :

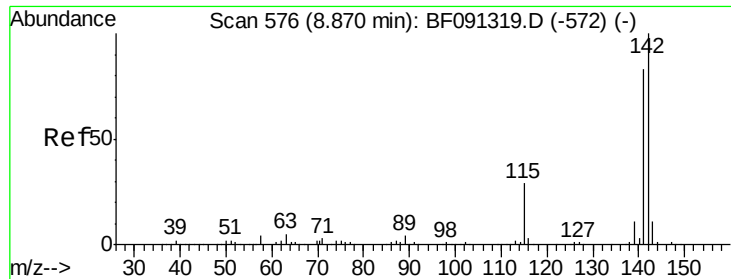
Tot Ion:113 Resp: 155240
 Ion Ratio Lower Upper
 113 100
 55 253.4 239.8 279.8
 56 181.9 165.6 205.6



#36
 4-Chloro-3-methylphenol
 Concen: 61.19 ng
 RT: 8.71 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Tgt Ion:107 Resp: 597132
 Ion Ratio Lower Upper
 107 100
 144 29.4 18.9 28.3#
 142 88.7 58.5 87.7#

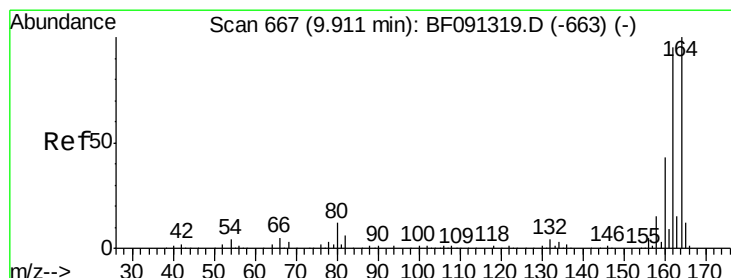
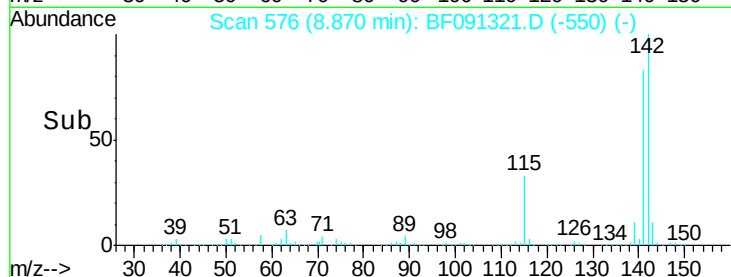
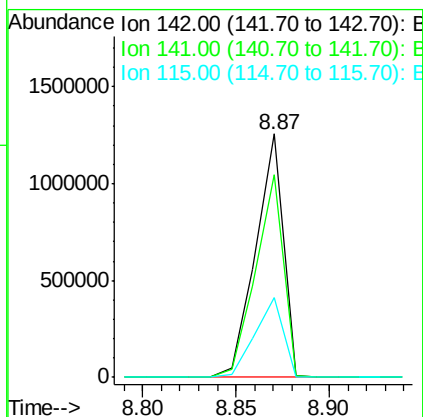
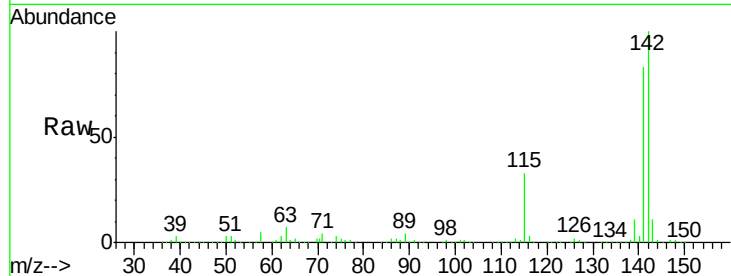




#37
2-Methylnaphthalene
Concen: 58.53 ng
RT: 8.87 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

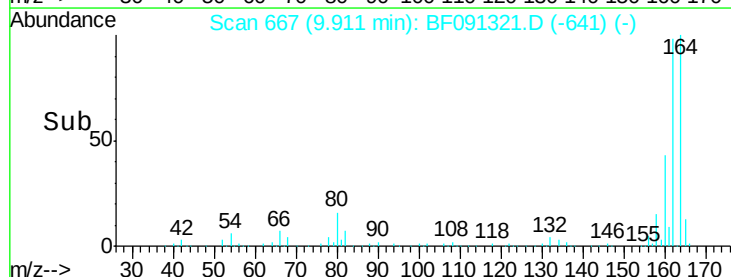
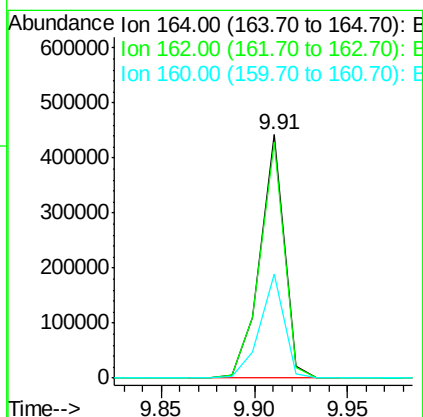
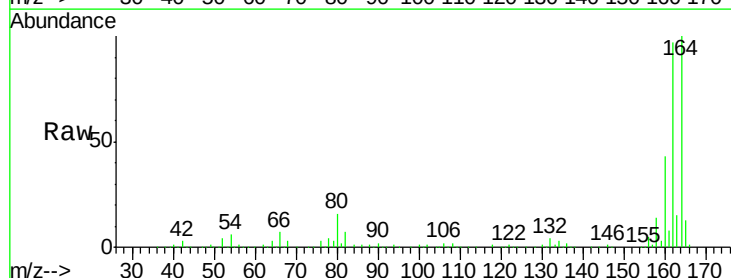
Instrument :
BNA_F
ClientSampleId :

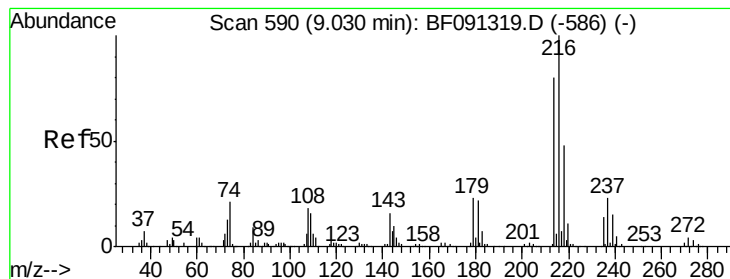
Tot Ion:142 Resp: 1283490
Ion Ratio Lower Upper
142 100
141 83.4 71.7 107.5
115 32.7 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion:164 Resp: 397585
Ion Ratio Lower Upper
164 100
162 96.7 82.6 124.0
160 42.7 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.80 ng

RT: 9.03 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 525818

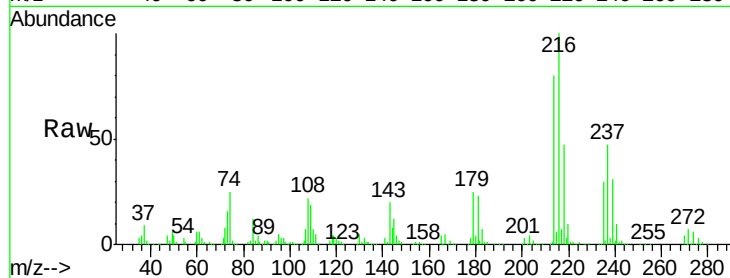
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.8

179 21.7 18.2 27.2

108 18.5 17.2 25.8

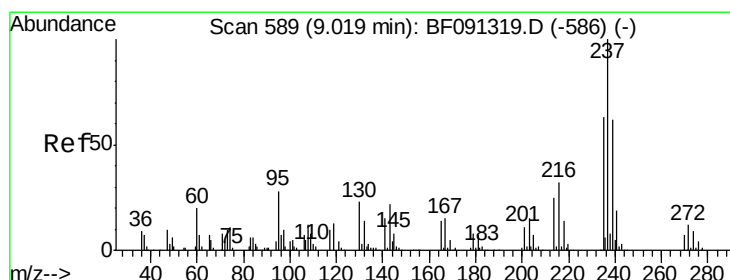
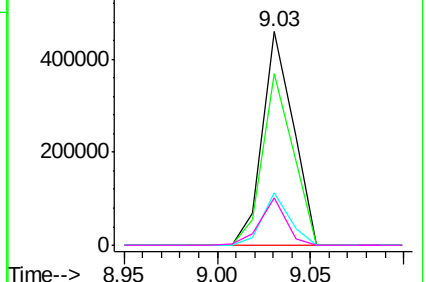
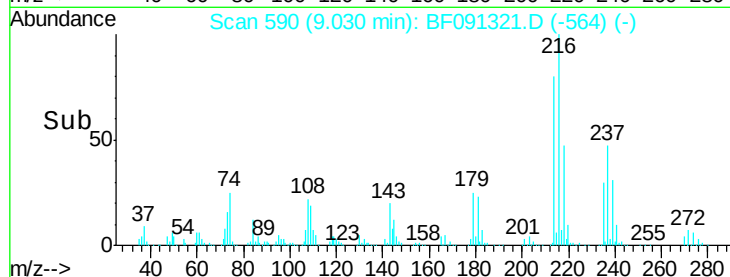


Abundance Ion 216.00 (215.70 to 216.70): E

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: 60.61 ng

RT: 9.03 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

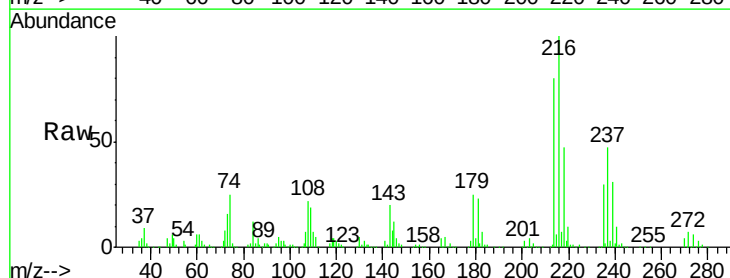
Tgt Ion:237 Resp: 292306

Ion Ratio Lower Upper

237 100

235 62.5 43.9 83.9

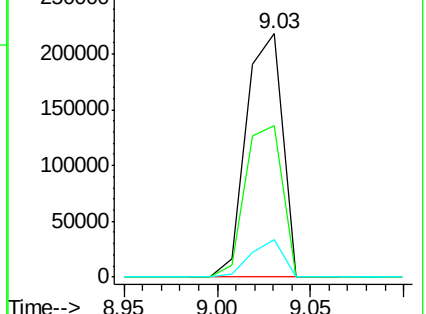
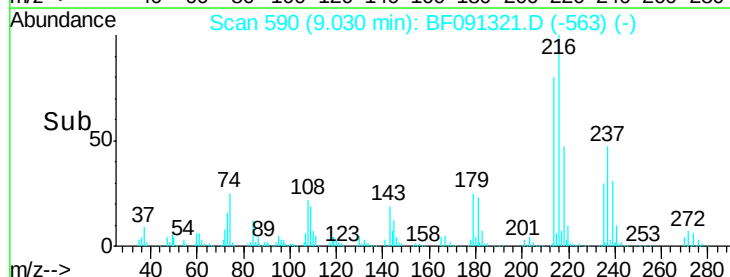
272 15.6 0.0 33.1

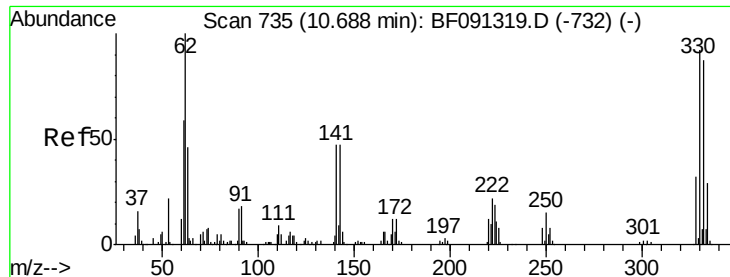


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

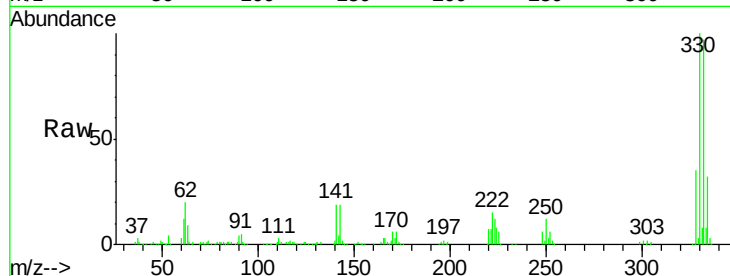




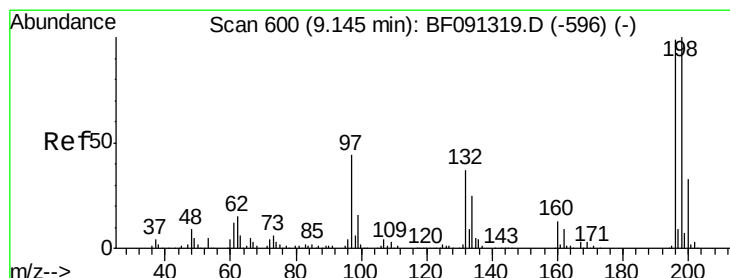
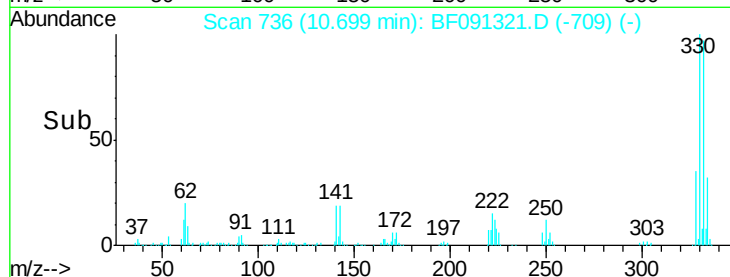
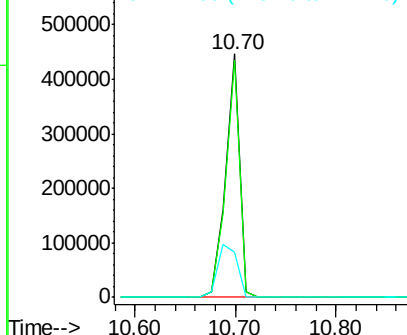
#41
 2,4,6-Tribromophenol
 Concen: 108.14 ng
 RT: 10.70 min Scan# 736
 Delta R.T. 0.01 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 433578
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.2 114.4
 141 30.2 33.6 50.4#

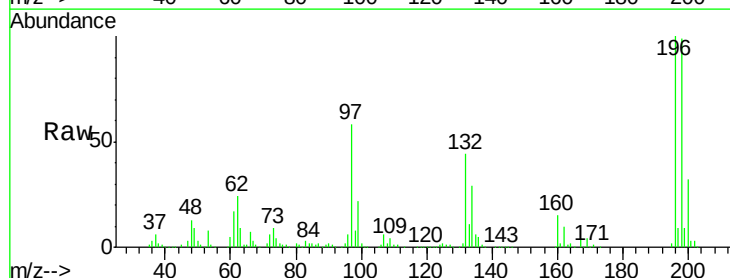


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

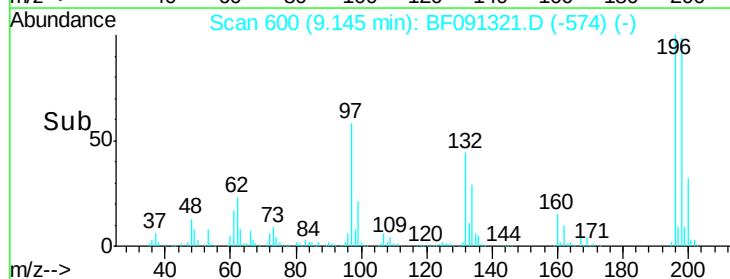
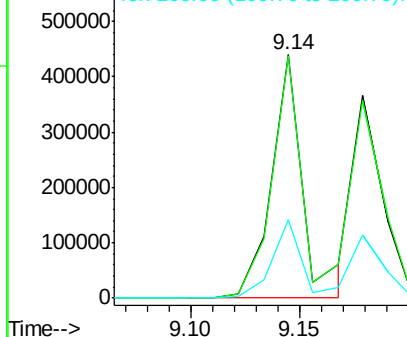


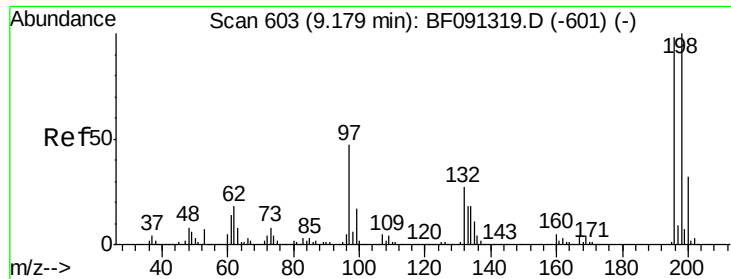
#42
 2,4,6-Trichlorophenol
 Concen: 60.16 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Tgt Ion:196 Resp: 447002
 Ion Ratio Lower Upper
 196 100
 198 99.4 77.4 116.0
 200 32.0 25.2 37.8



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

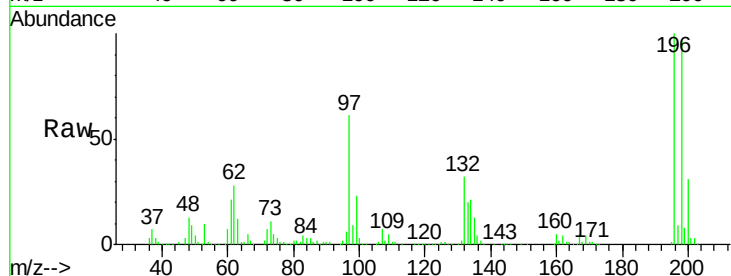




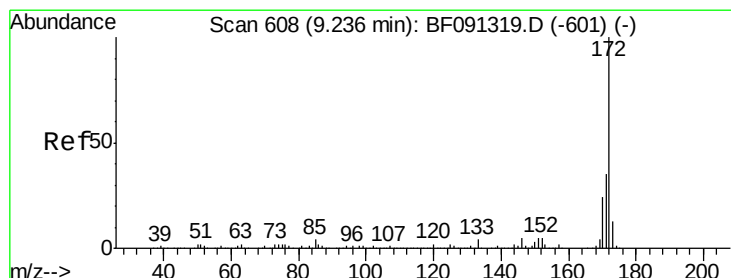
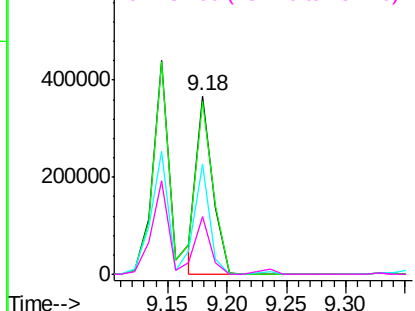
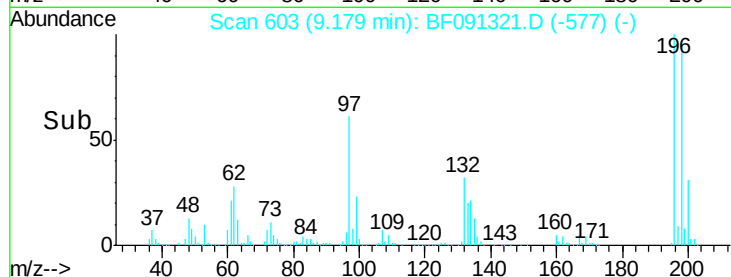
#43
2,4,5-Trichlorophenol
Concen: 49.16 ng
RT: 9.18 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 350952
Ion Ratio Lower Upper
196 100
198 97.2 77.0 115.6
97 61.5 33.5 50.3#
132 32.4 20.5 30.7#

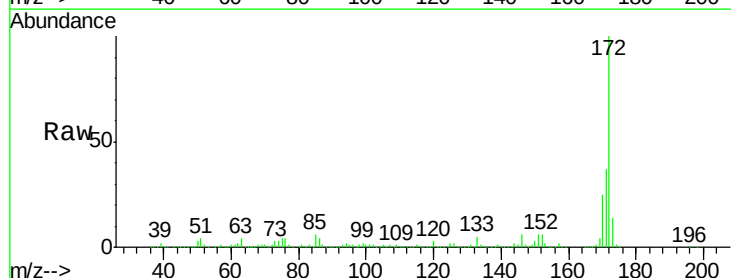


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

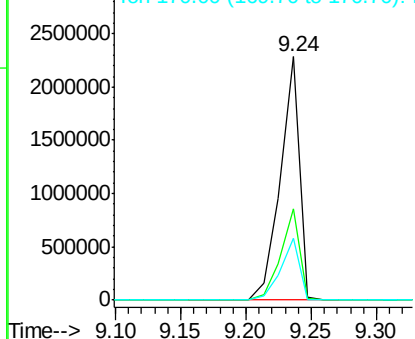
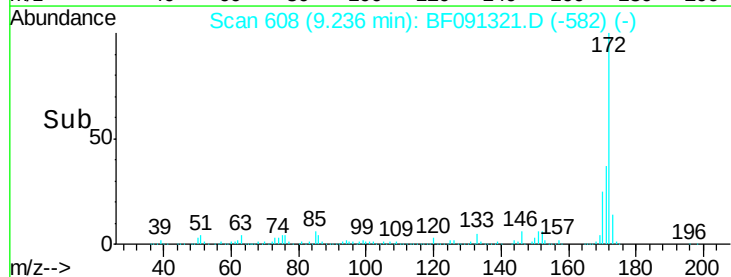


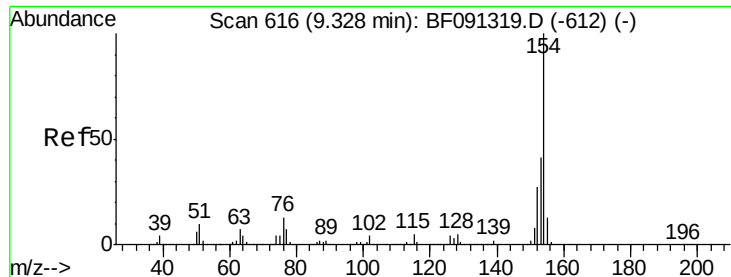
#44
2-Fluorobiphenyl
Concen: 97.13 ng
RT: 9.24 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion:172 Resp: 2358375
Ion Ratio Lower Upper
172 100
171 37.4 29.4 44.0
170 25.5 19.7 29.5



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: 52.32 ng

RT: 9.34 min Scan# 617

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

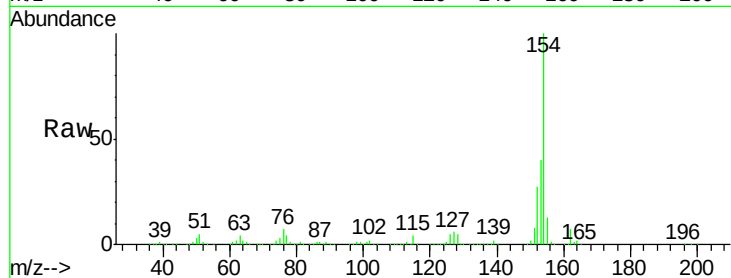
Tot Ion:154 Resp: 1499807

Ion Ratio Lower Upper

154 100

153 39.9 20.6 60.6

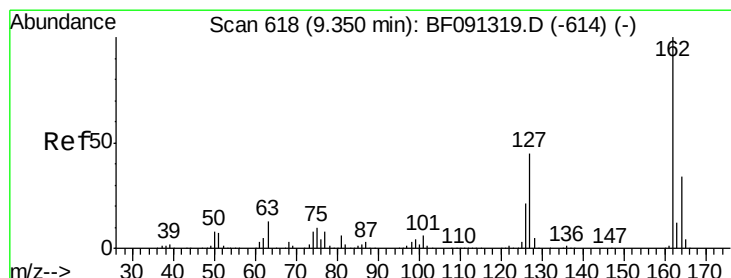
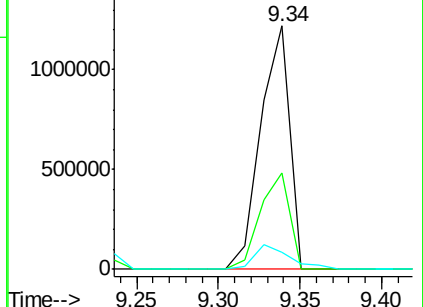
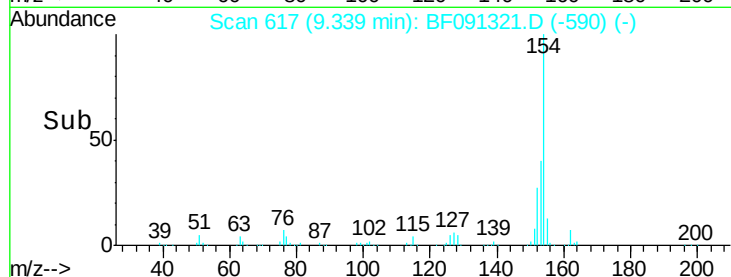
76 7.1 0.0 36.6



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: 54.72 ng

RT: 9.36 min Scan# 619

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

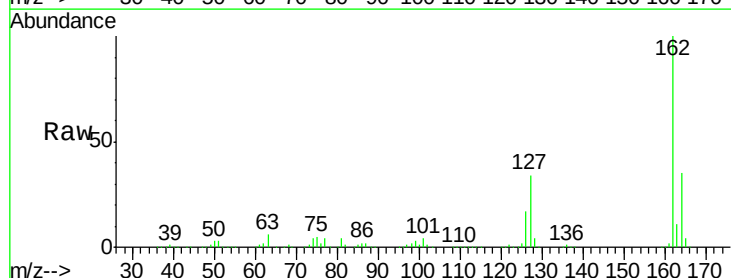
Tgt Ion:162 Resp: 1148913

Ion Ratio Lower Upper

162 100

127 34.4 34.3 51.5

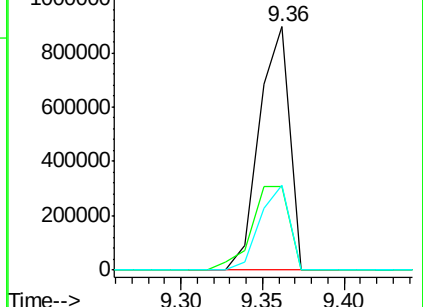
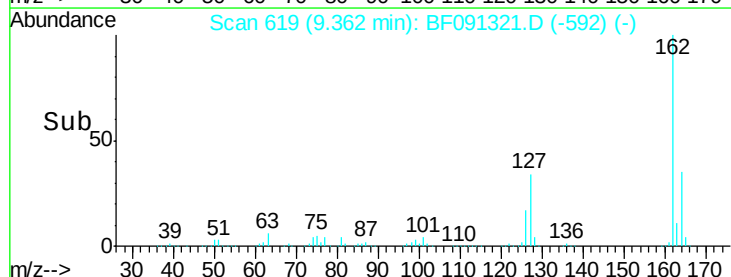
164 34.7 26.6 40.0

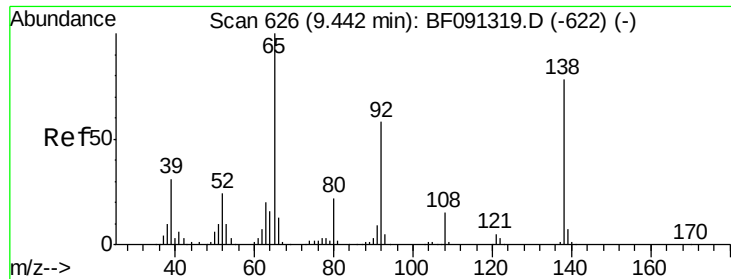


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

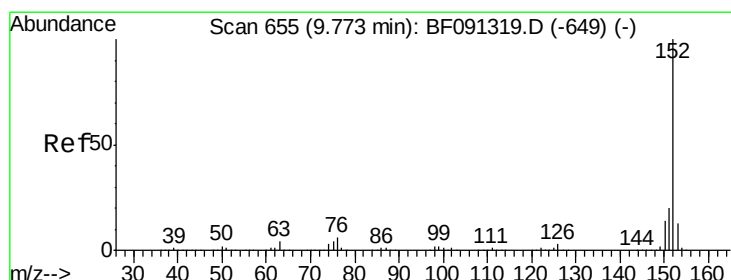
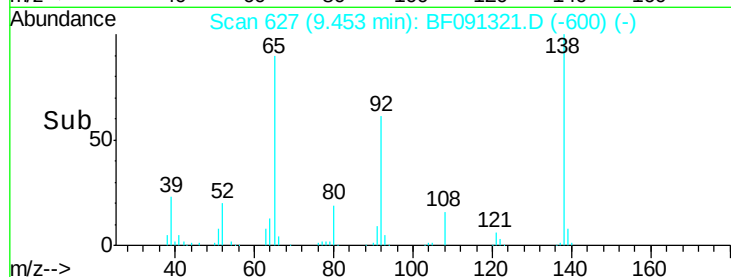
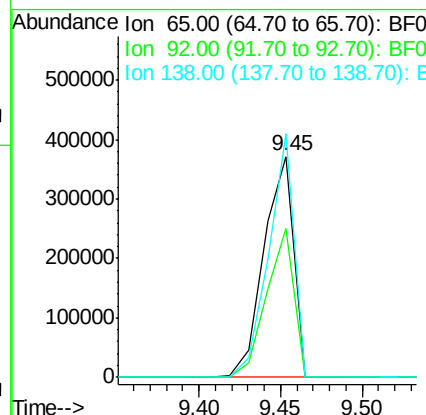
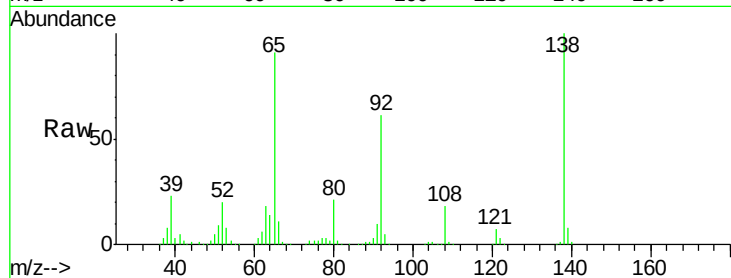




#47
2-Nitroaniline
Concen: 65.71 ng
RT: 9.45 min Scan# 627
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

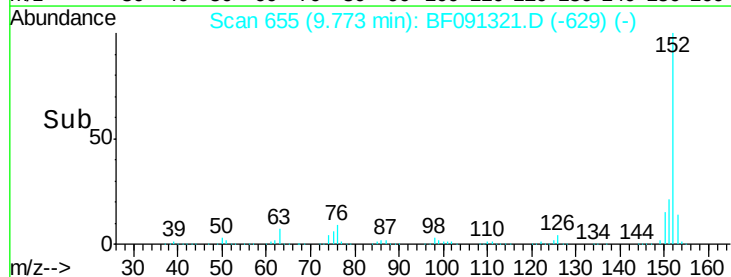
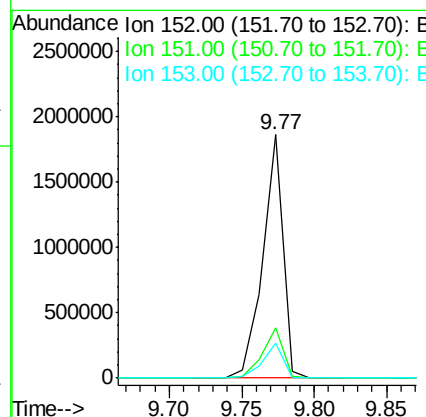
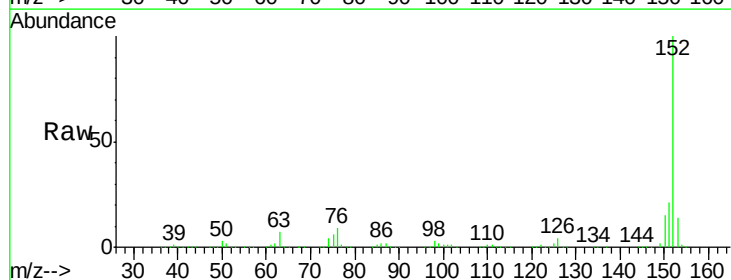
Instrument :
BNA_F
ClientSampled :

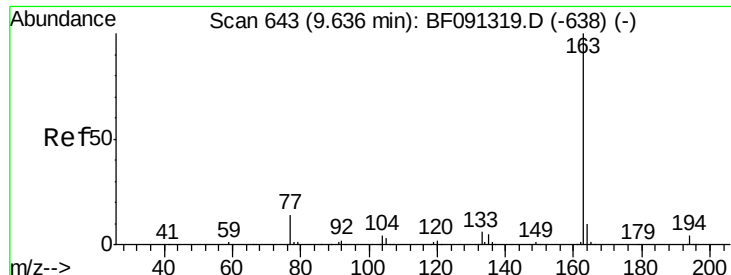
Tot Ion: 65 Resp: 468223
Ion Ratio Lower Upper
65 100
92 67.5 53.6 80.4
138 110.4 91.0 136.6



#48
Acenaphthylene
Concen: 53.30 ng
RT: 9.77 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion:152 Resp: 1793632
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8
153 14.3 10.7 16.1





#49

Dimethylphthalate

Concen: 47.59 ng

RT: 9.64 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

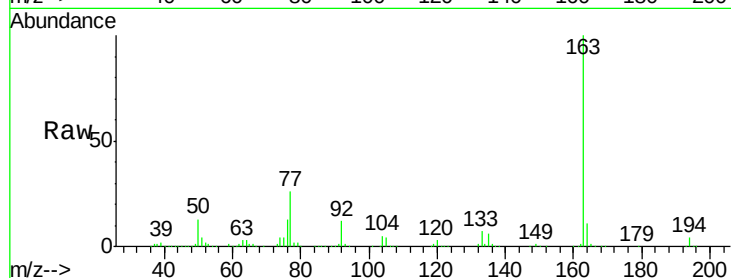
Tot Ion:163 Resp: 1181306

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

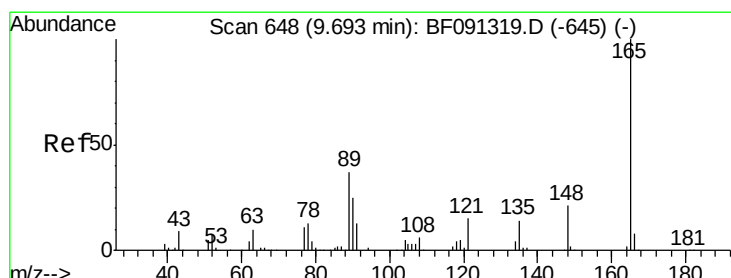
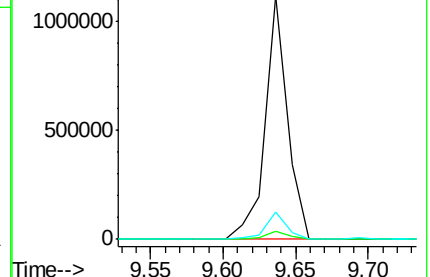
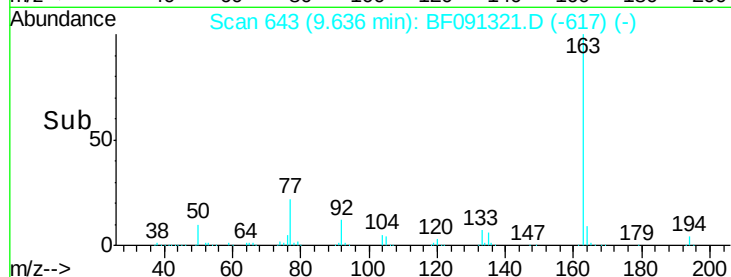
164 11.2 7.8 11.8



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: 53.64 ng

RT: 9.69 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

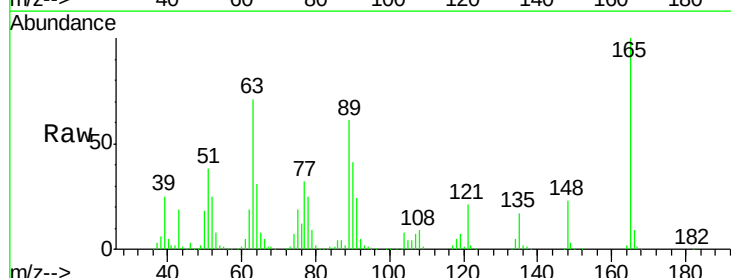
Tgt Ion:165 Resp: 290846

Ion Ratio Lower Upper

165 100

63 71.1 59.4 89.0

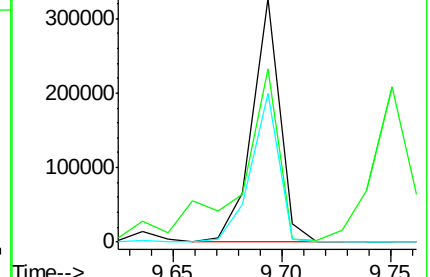
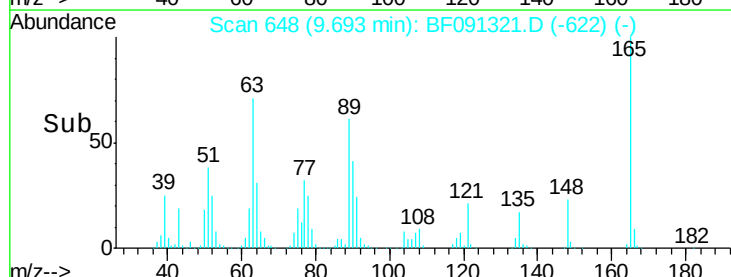
89 61.2 50.8 76.2

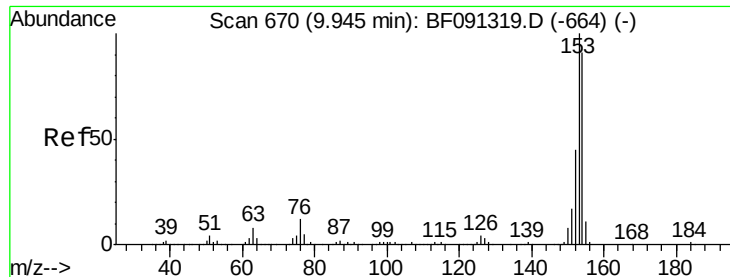


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

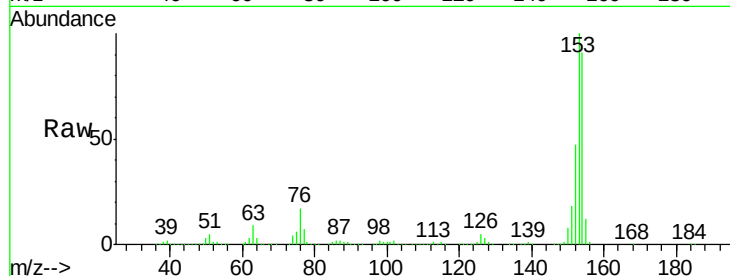




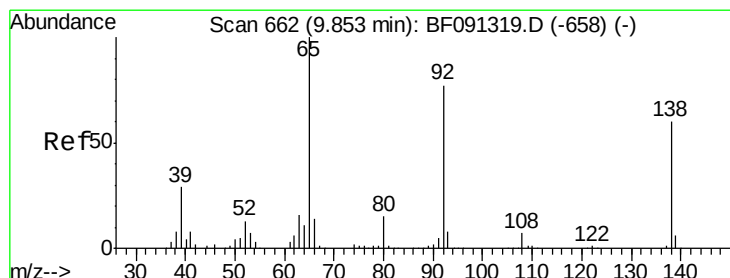
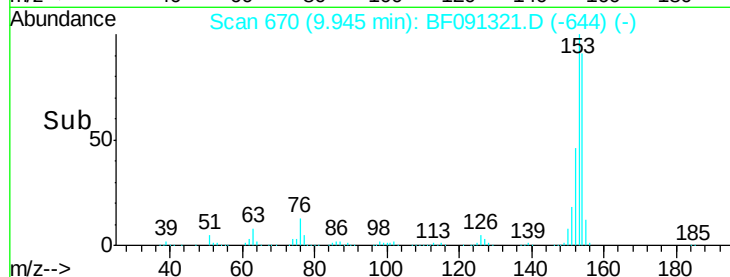
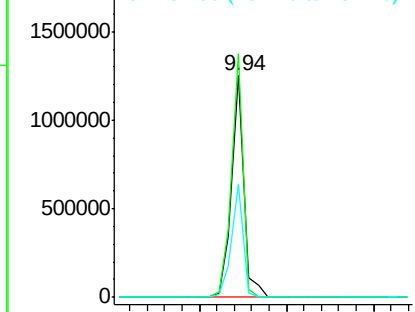
#51
Acenaphthene
Concen: 53.94 ng
RT: 9.94 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 1235415
Ion Ratio Lower Upper
154 100
153 109.8 91.0 136.6
152 51.1 44.2 66.2

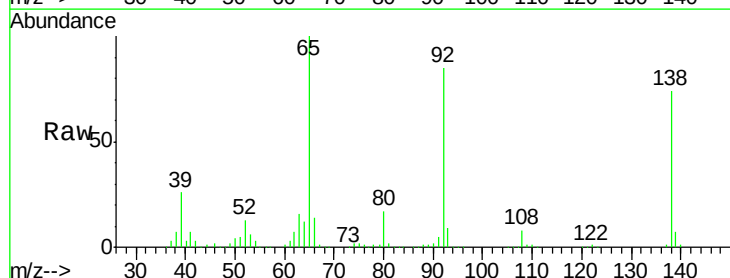


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

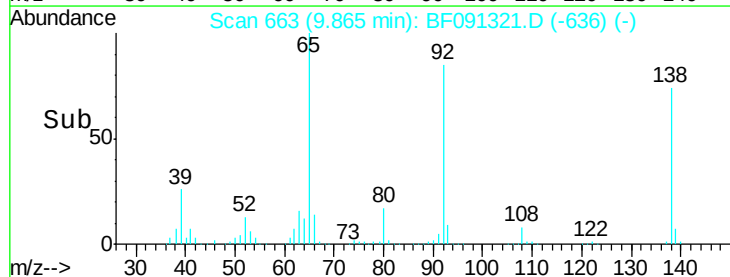
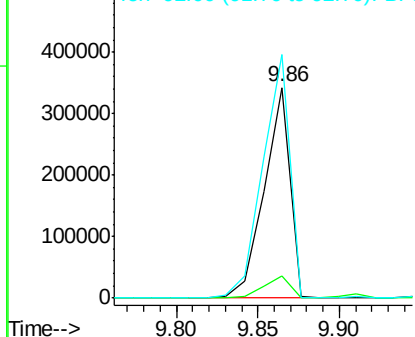


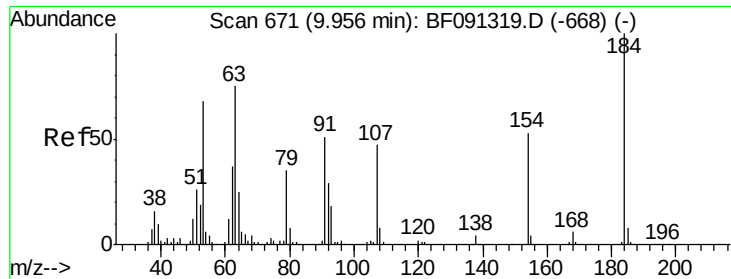
#52
3-Nitroaniline
Concen: 64.51 ng
RT: 9.86 min Scan# 663
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion:138 Resp: 376112
Ion Ratio Lower Upper
138 100
108 10.5 8.1 12.1
92 115.6 92.5 138.7



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

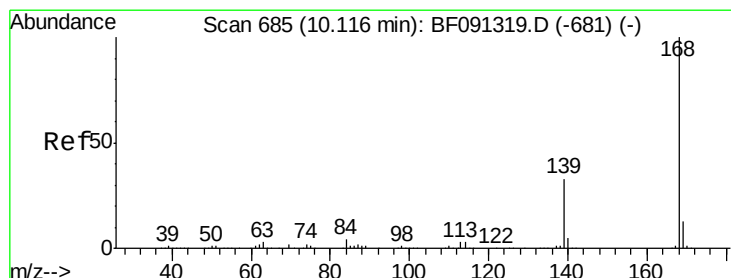
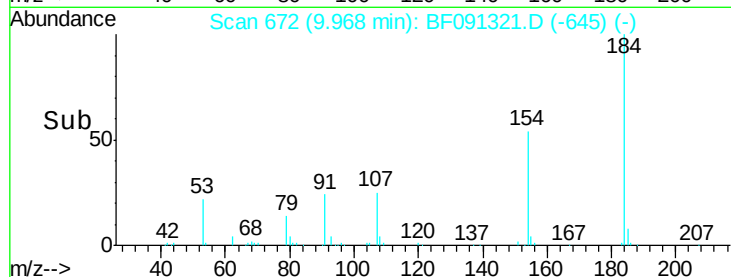
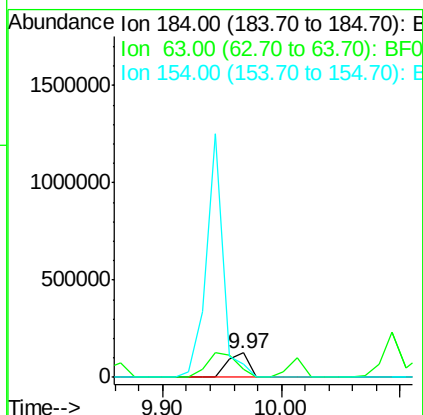
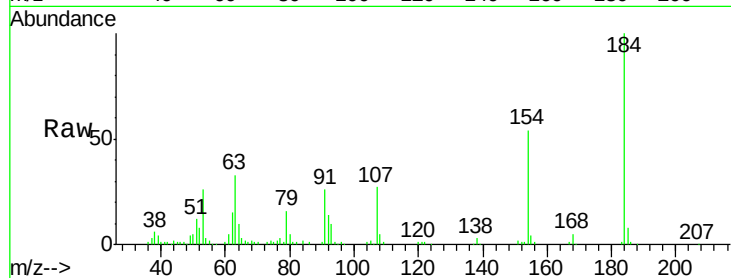




#53
2,4-Dinitrophenol
Concen: 80.45 ng
RT: 9.97 min Scan# 672
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

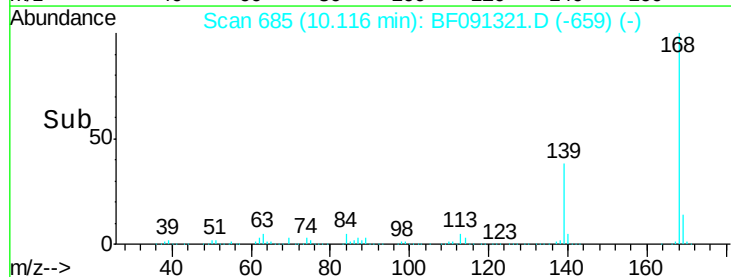
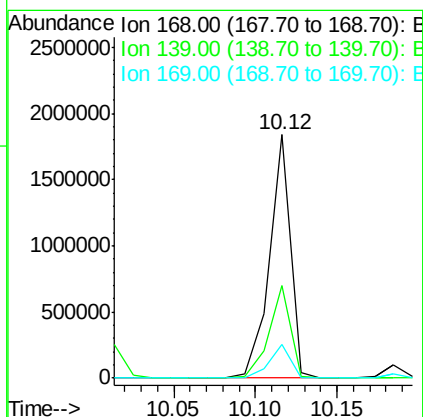
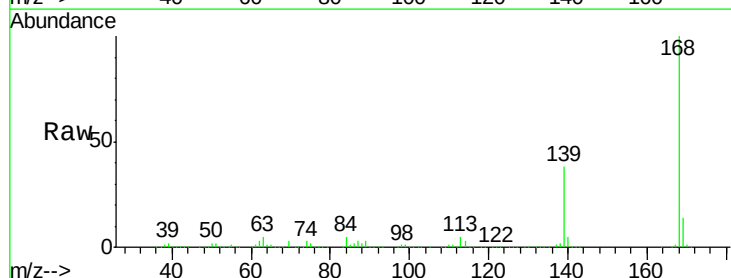
Instrument :
BNA_F
ClientSampleId :

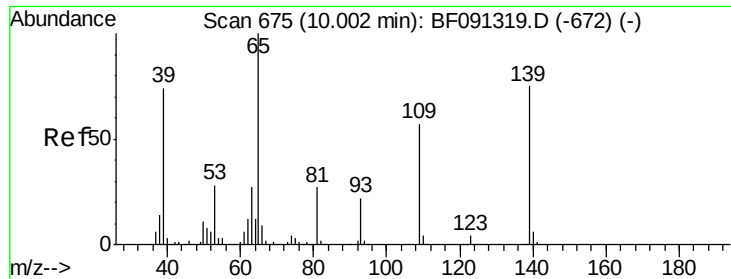
Tot Ion:184 Resp: 158247
Ion Ratio Lower Upper
184 100
63 33.3 58.3 87.5#
154 54.2 48.6 73.0



#54
Dibenzofuran
Concen: 51.15 ng
RT: 10.12 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion:168 Resp: 1647672
Ion Ratio Lower Upper
168 100
139 38.0 33.4 50.2
169 13.7 11.1 16.7

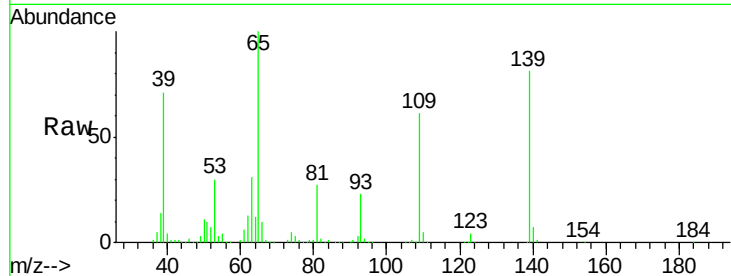




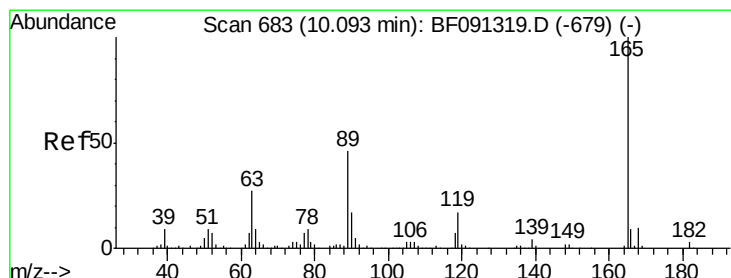
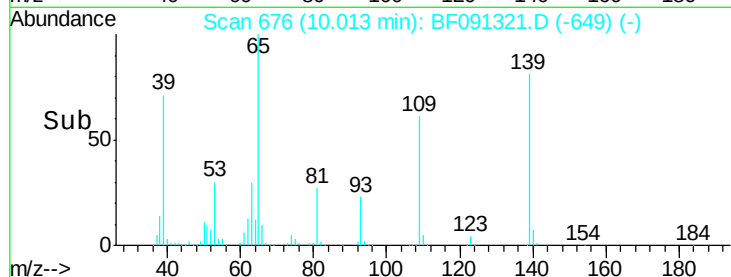
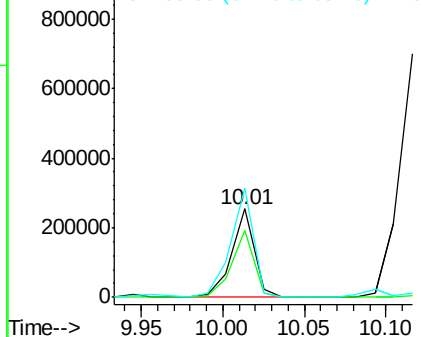
#55
4-Nitrophenol
Concen: 57.93 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 243574
Ion Ratio Lower Upper
139 100
109 75.2 54.9 94.9
65 124.0 102.2 142.2

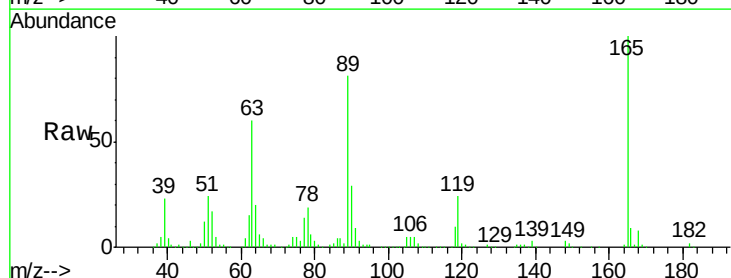


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

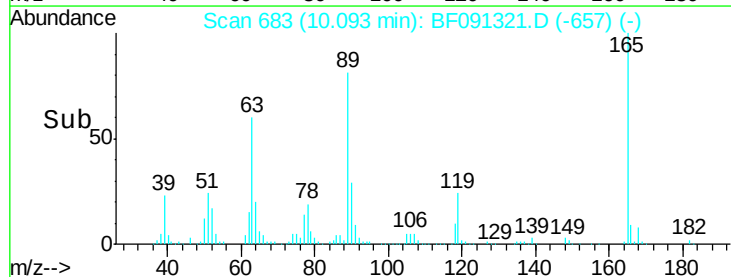
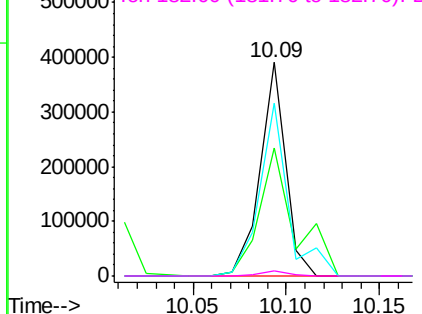


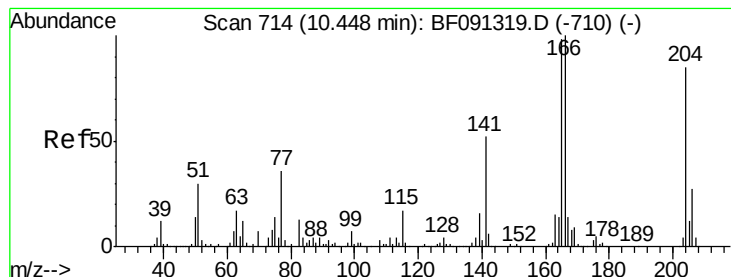
#56
2,4-Dinitrotoluene
Concen: 53.62 ng
RT: 10.09 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion:165 Resp: 367923
Ion Ratio Lower Upper
165 100
63 59.8 29.0 43.4#
89 80.7 43.1 64.7#
182 2.5 1.9 2.9



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 54.33 ng

RT: 10.46 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

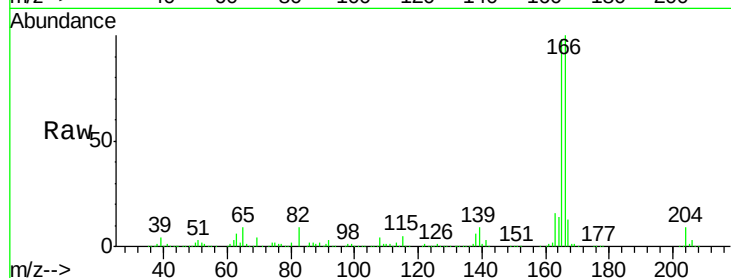
Tot Ion:166 Resp: 1339358

Ion Ratio Lower Upper

166 100

165 97.7 80.0 120.0

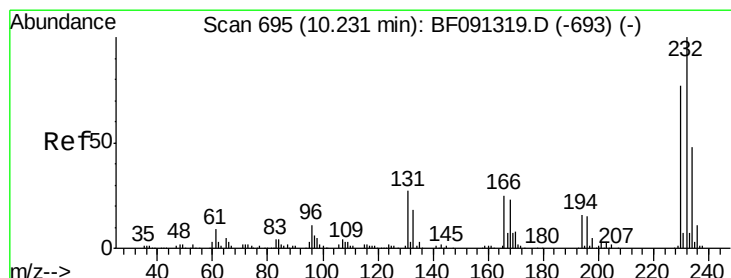
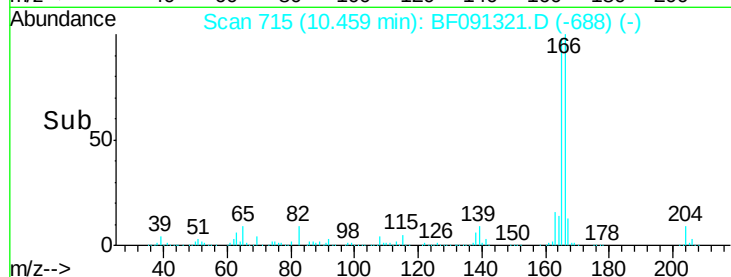
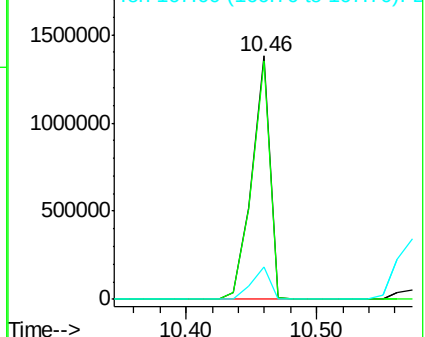
167 13.4 10.8 16.2



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: 56.03 ng

RT: 10.23 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Tgt Ion:232 Resp: 351753

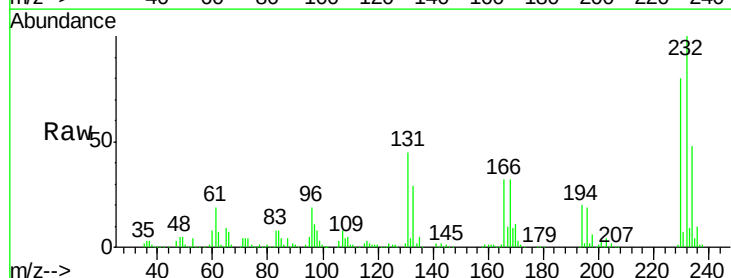
Ion Ratio Lower Upper

232 100

131 47.4 38.4 57.6

130 2.2 1.8 2.8

166 33.0 23.9 35.9

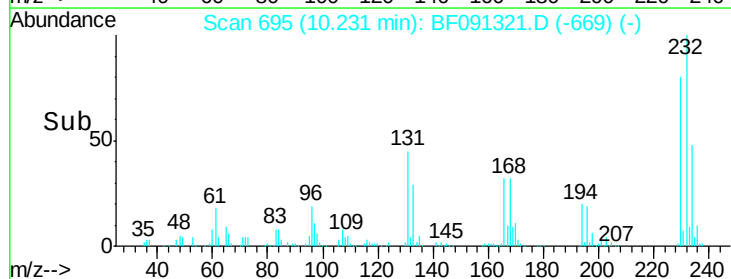
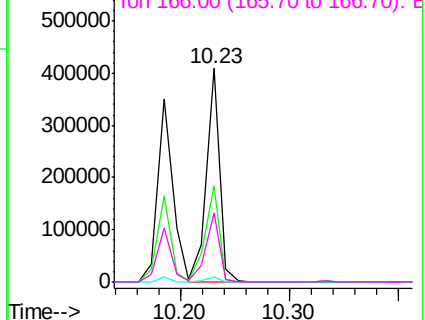


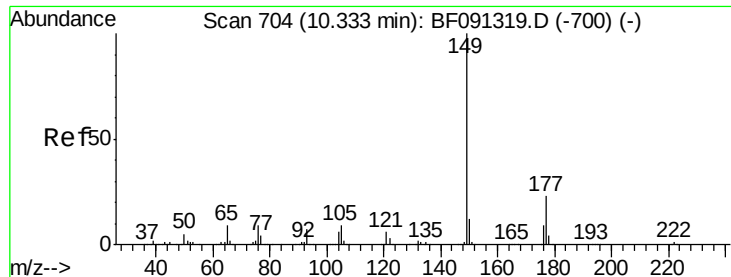
Abundance Ion 232.00 (231.70 to 232.70): E

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

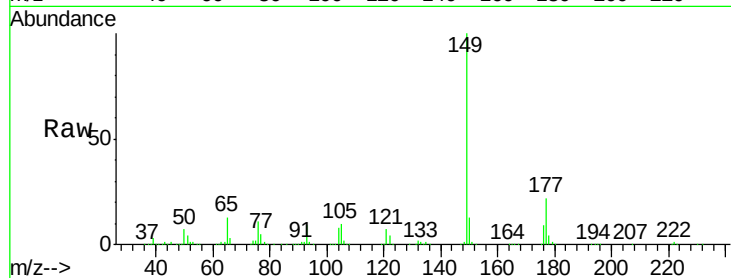




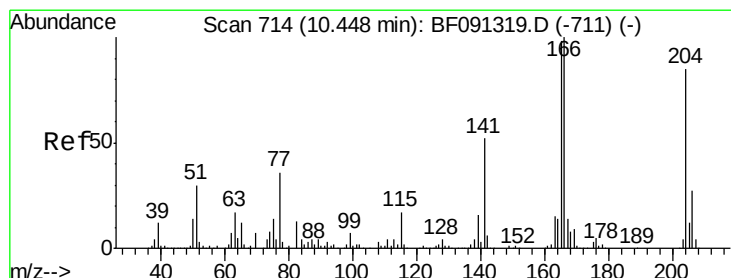
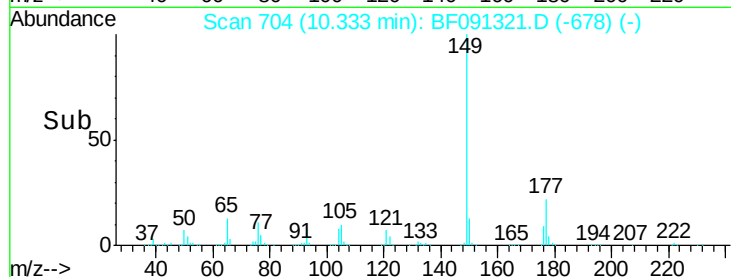
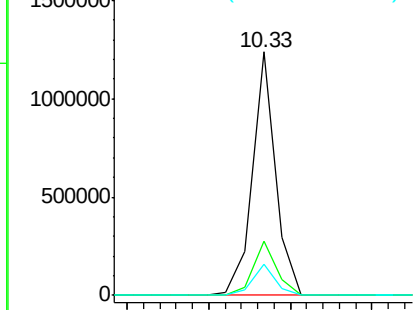
#59
Diethylphthalate
Concen: 48.69 ng
RT: 10.33 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1216228
Ion Ratio Lower Upper
149 100
177 22.3 15.7 23.5
150 12.7 10.2 15.2

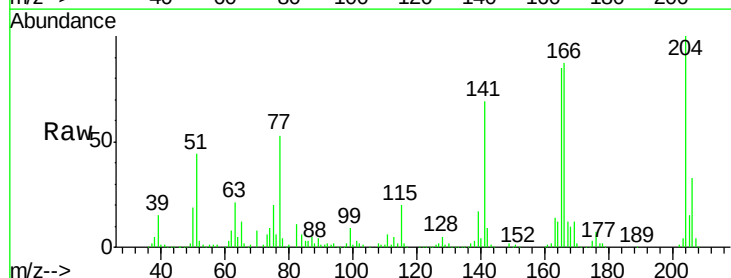


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

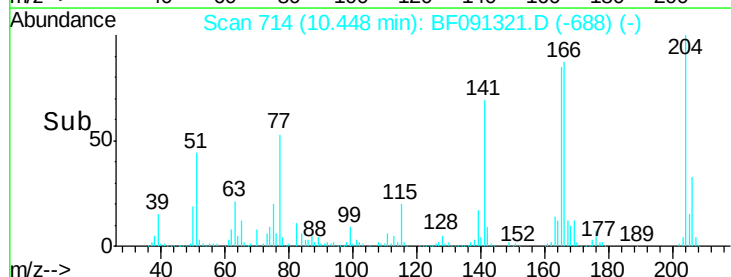
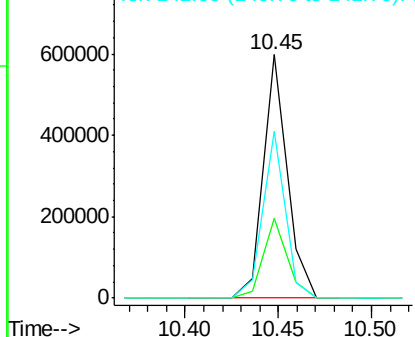


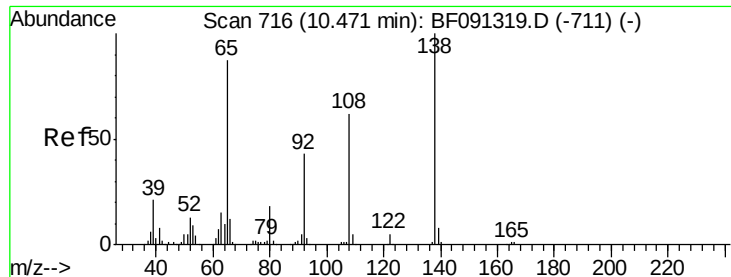
#60
4-Chlorophenyl-phenylether
Concen: 46.42 ng
RT: 10.45 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion:204 Resp: 527070
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 68.6 40.6 61.0#



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

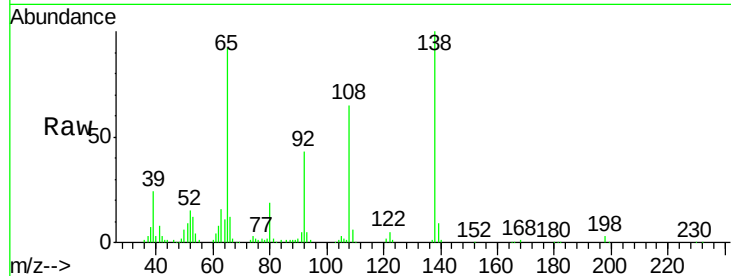




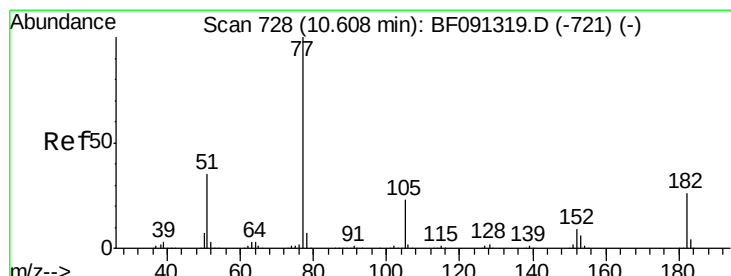
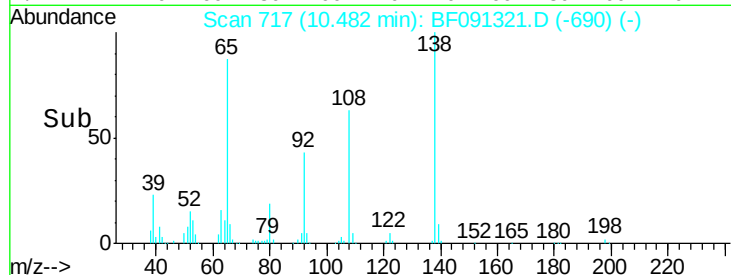
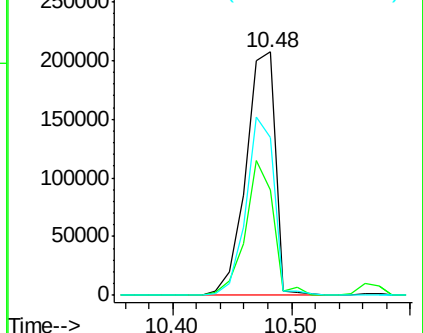
#61
4-Nitroaniline
Concen: 66.16 ng
RT: 10.48 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 359846
Ion Ratio Lower Upper
138 100
92 43.4 26.9 66.9
108 64.7 49.1 89.1

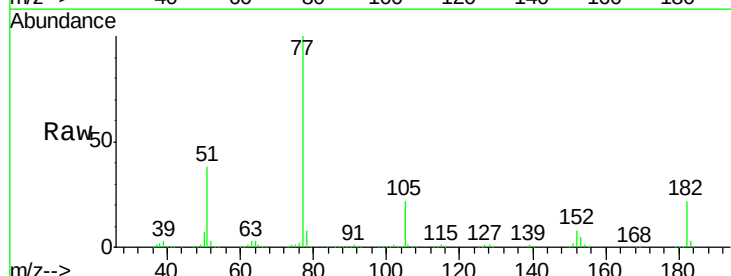


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

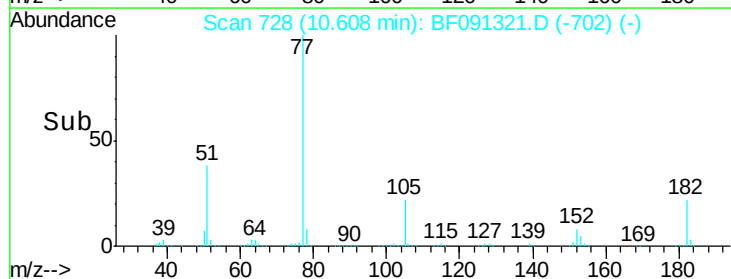
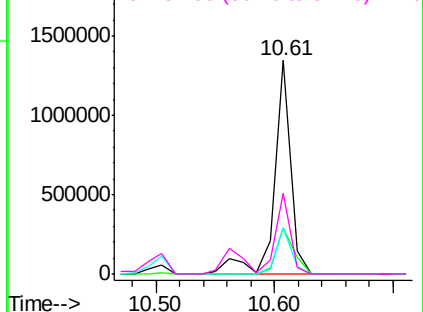


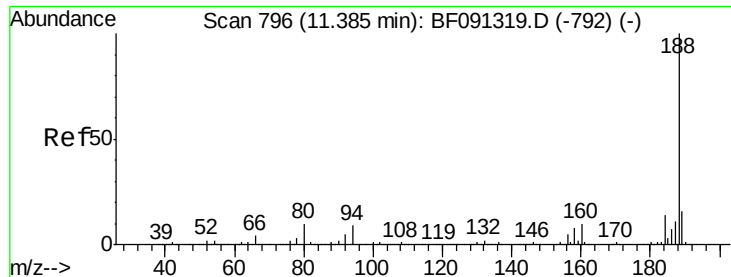
#62
Azobenzene
Concen: 51.20 ng
RT: 10.61 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion: 77 Resp: 1297244
Ion Ratio Lower Upper
77 100
182 21.6 12.5 52.5
105 21.7 3.7 43.7
51 37.9 11.9 51.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

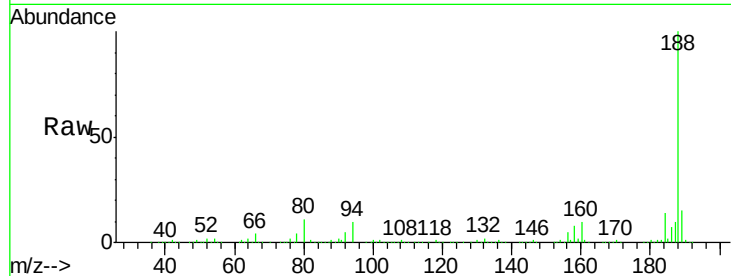




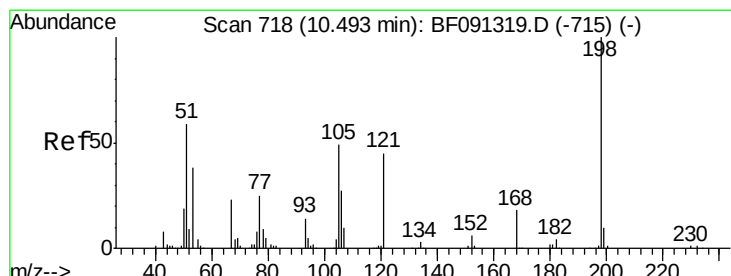
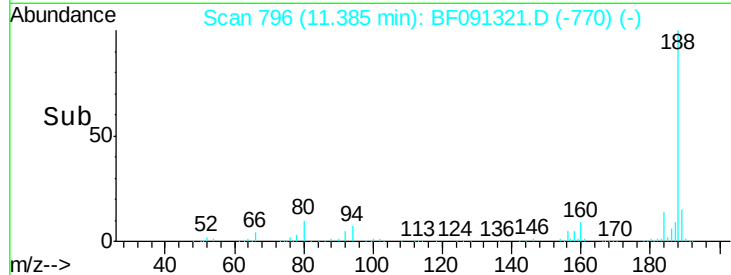
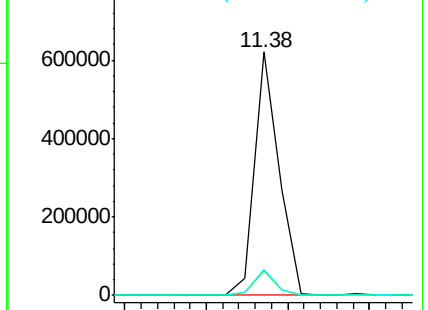
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 644279
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.2 13.8
 80 10.7 10.5 15.7

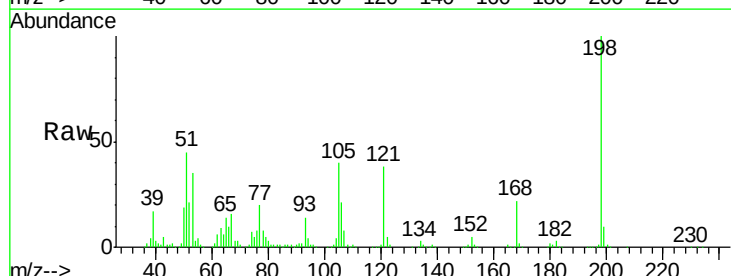


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

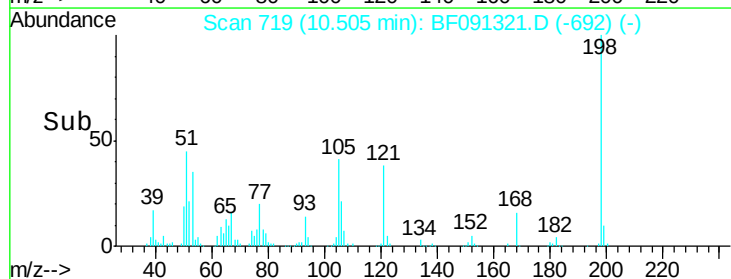
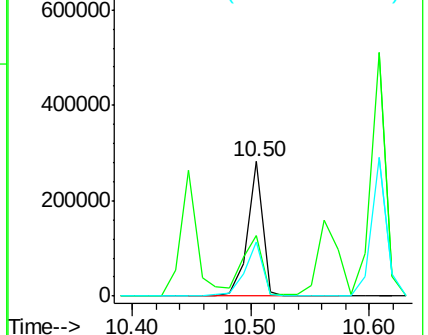


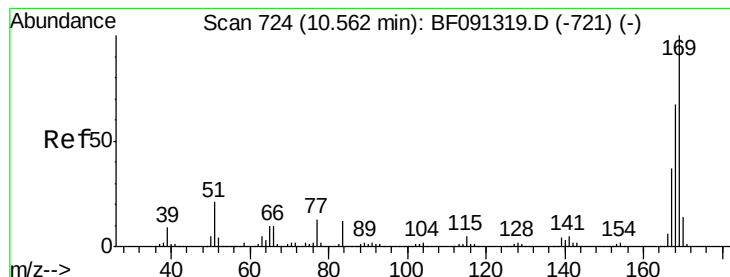
#64
 4,6-Dinitro-2-methylphenol
 Concen: 86.64 ng
 RT: 10.50 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Tgt Ion:198 Resp: 253153
 Ion Ratio Lower Upper
 198 100
 51 44.8 77.1 117.1#
 105 40.1 44.8 84.8#



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

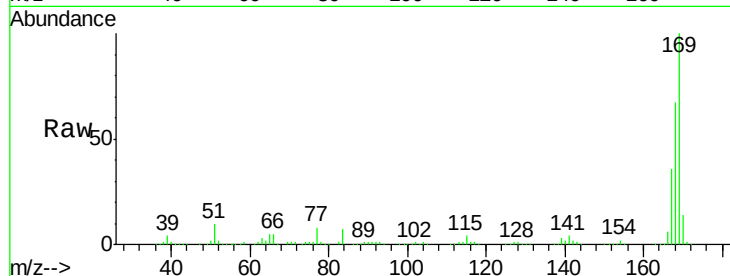




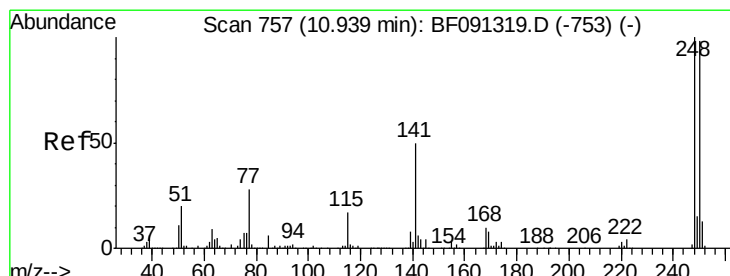
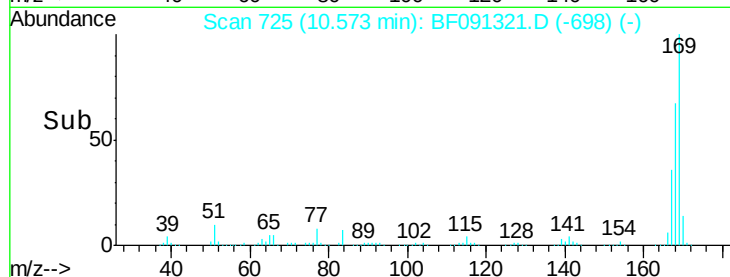
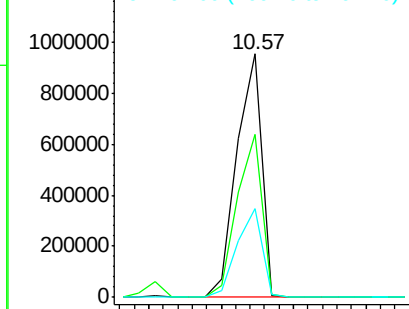
#65
 n-Nitrosodiphenylamine
 Concen: 58.19 ng
 RT: 10.57 min Scan# 725
 Delta R.T. 0.01 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 1138289
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.8 80.8
 167 36.4 29.8 44.8

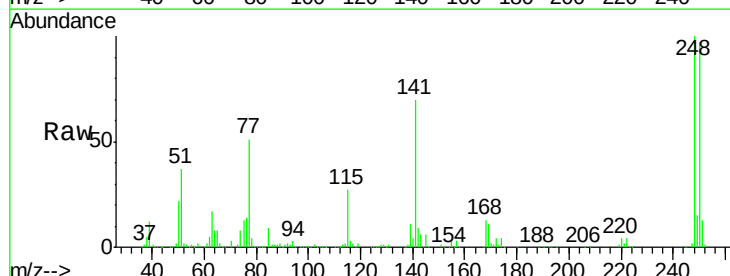


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

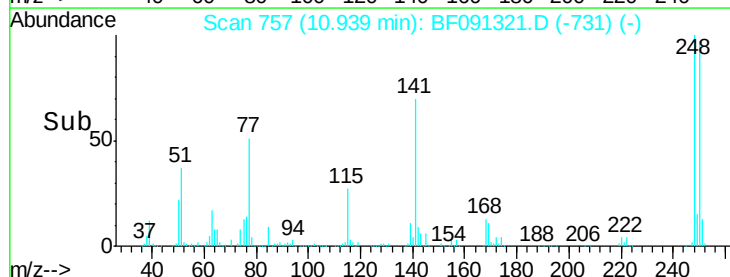
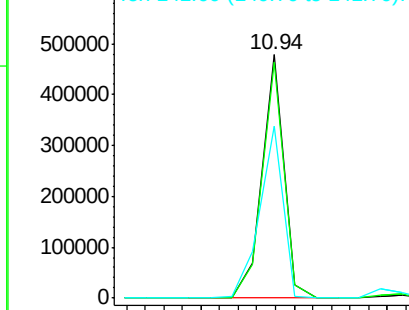


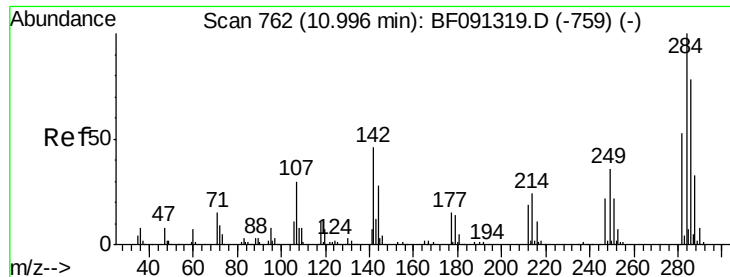
#66
 4-Bromophenyl-phenylether
 Concen: 56.02 ng
 RT: 10.94 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Tgt Ion:248 Resp: 394508
 Ion Ratio Lower Upper
 248 100
 250 97.0 78.2 117.4
 141 70.4 71.9 107.9#



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

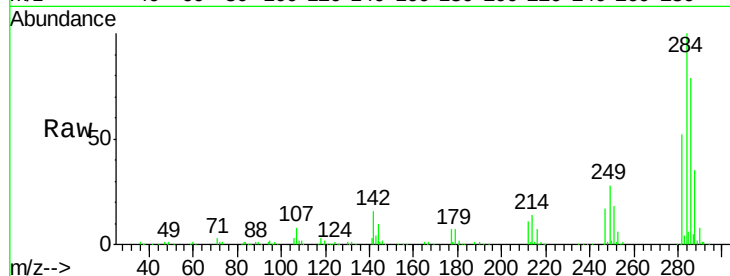




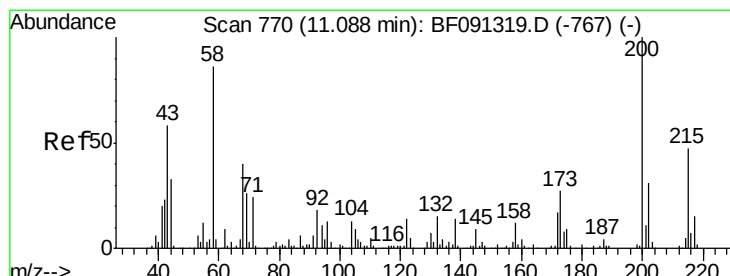
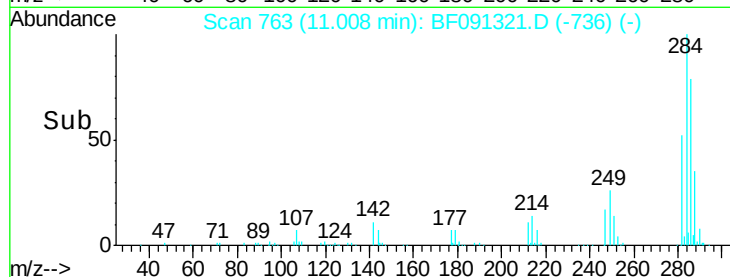
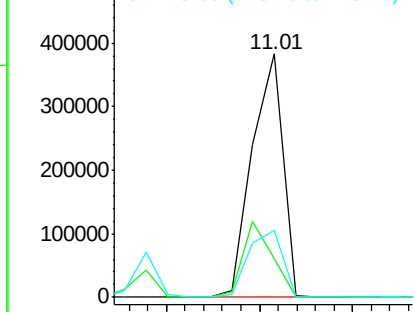
#67
Hexachlorobenzene
Concen: 56.50 ng
RT: 11.01 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 436182
Ion Ratio Lower Upper
284 100
142 16.0 17.9 26.9#
249 27.6 23.6 35.4

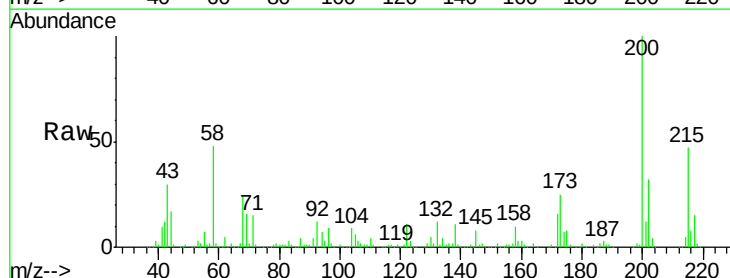


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

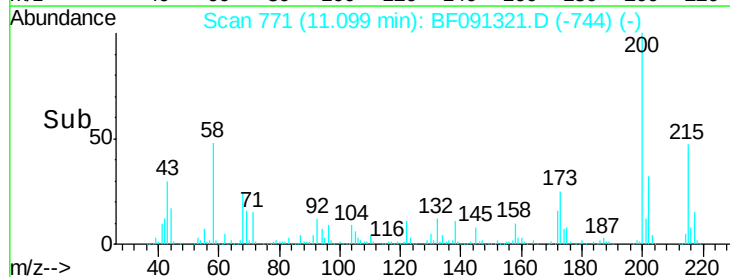
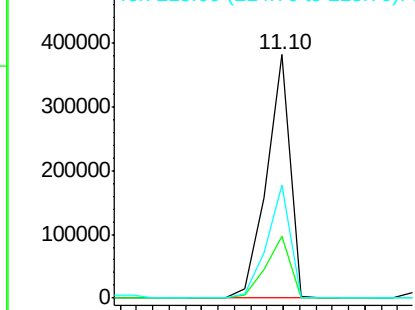


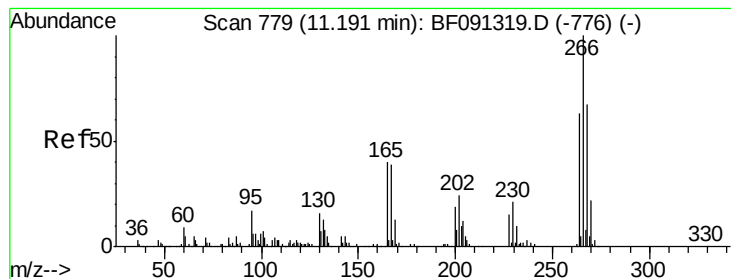
#68
Atrazine
Concen: 73.92 ng
RT: 11.10 min Scan# 771
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion:200 Resp: 381658
Ion Ratio Lower Upper
200 100
173 25.4 7.8 47.8
215 46.6 24.3 64.3



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





#69

Pentachlorophenol

Concen: 57.53 ng

RT: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

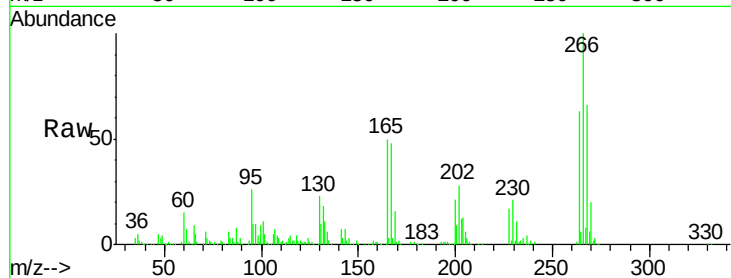
Tot Ion:266 Resp: 262757

Ion Ratio Lower Upper

266 100

268 66.4 50.3 75.5

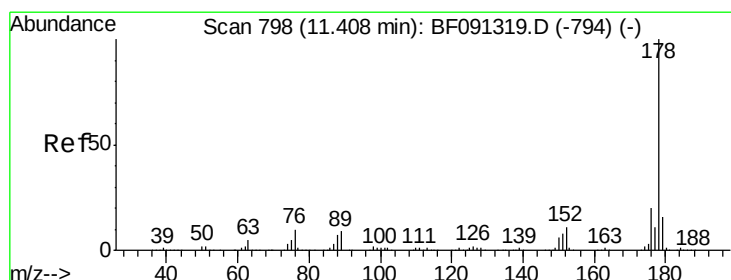
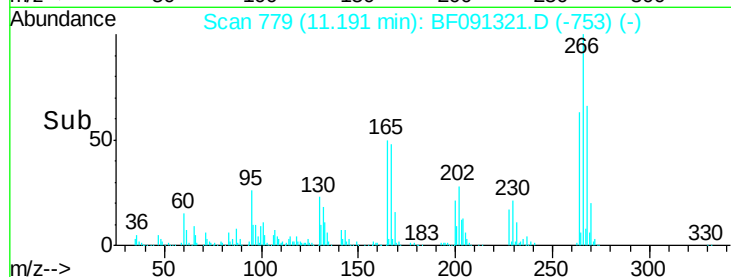
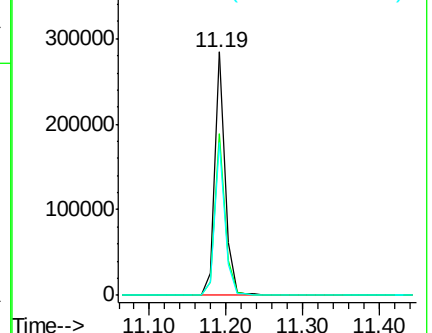
264 62.8 48.2 72.2



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: 59.17 ng

RT: 11.42 min Scan# 799

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

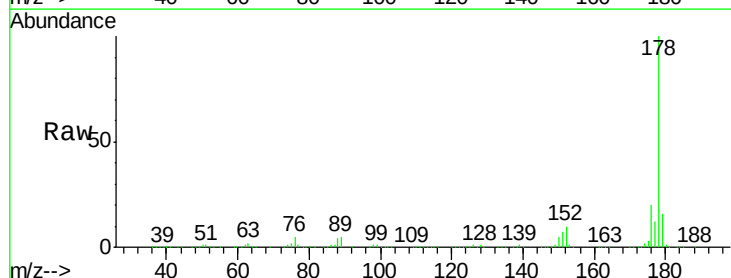
Tgt Ion:178 Resp: 1977491

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

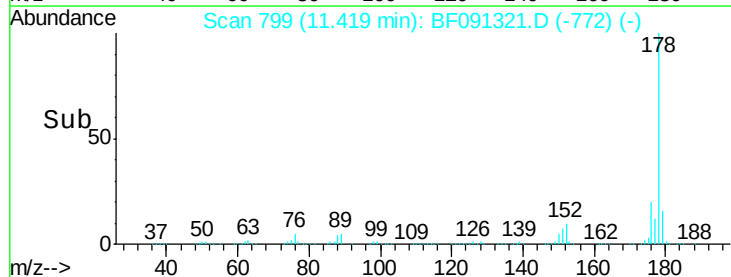
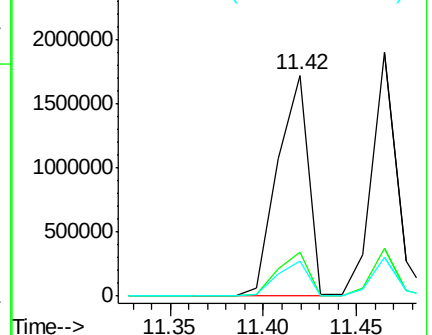
179 15.6 12.6 18.8

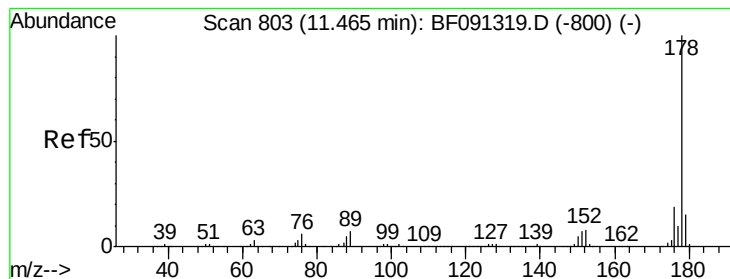


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 50.32 ng

RT: 11.46 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampled :

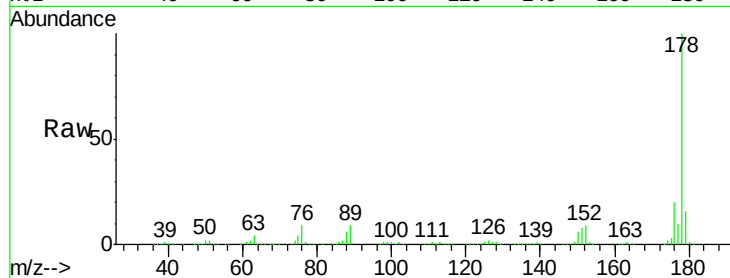
Tot Ion:178 Resp: 1719745

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

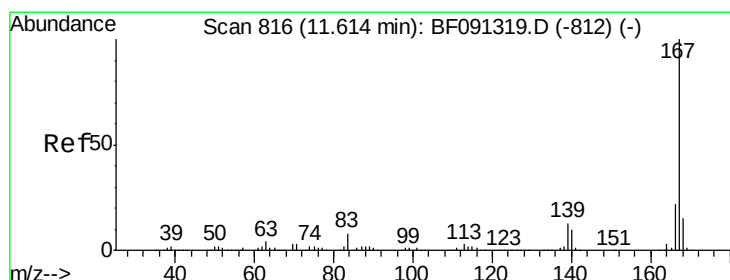
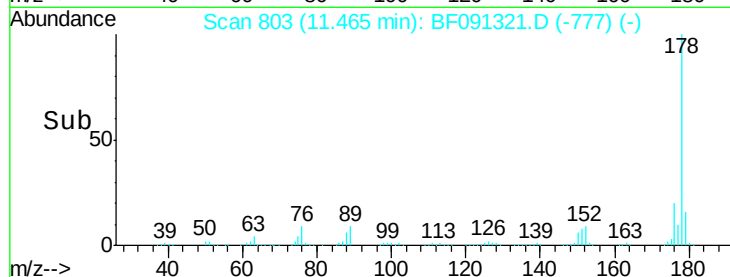
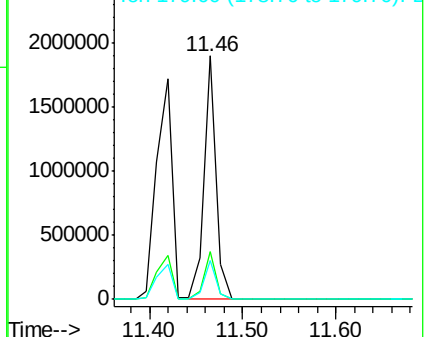
179 16.0 12.7 19.1



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: 56.10 ng

RT: 11.61 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

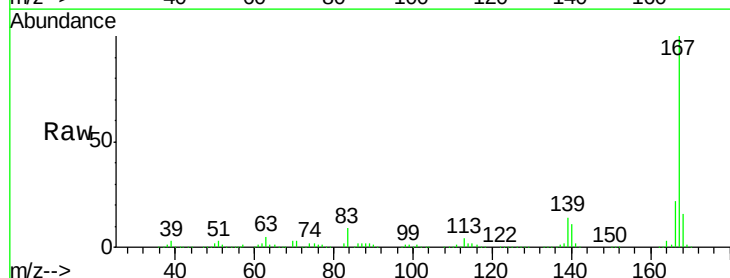
Tgt Ion:167 Resp: 1706075

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

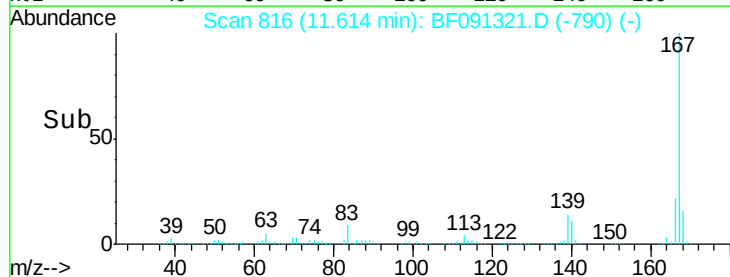
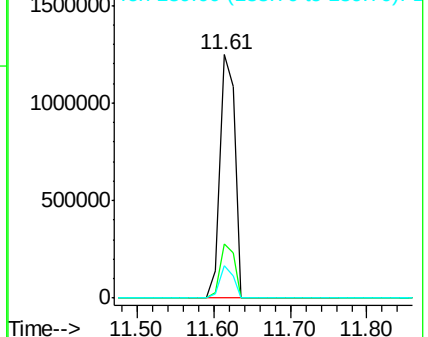
139 13.5 11.5 17.3

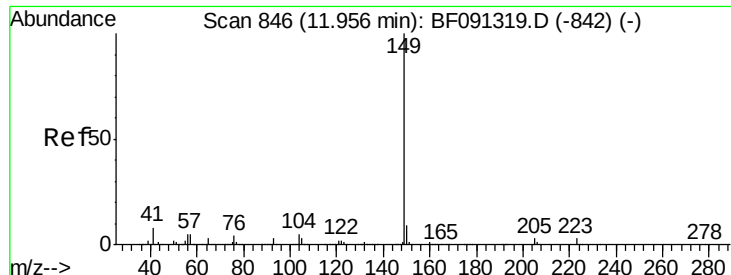


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 53.50 ng

RT: 11.96 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

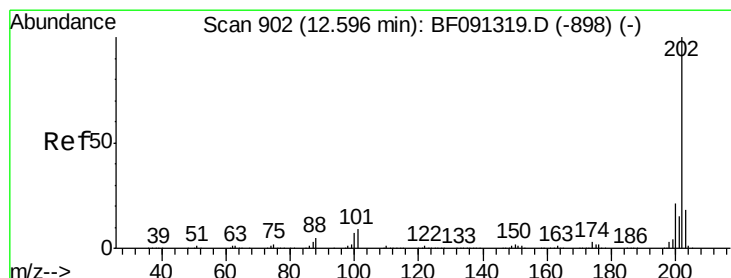
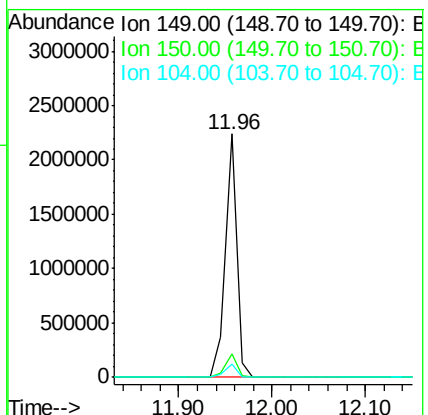
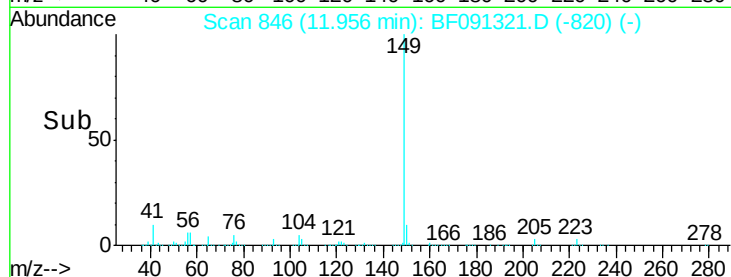
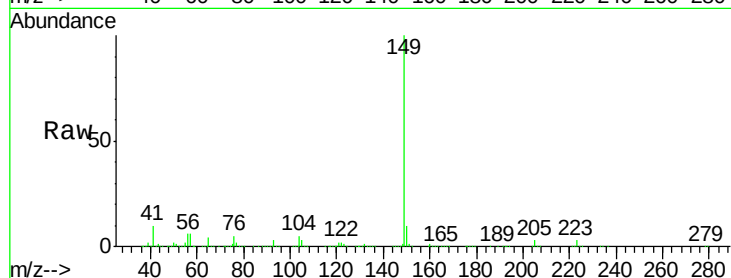
Tot Ion:149 Resp: 1884268

Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

104 5.4 4.0 6.0



#74

Fluoranthene

Concen: 51.72 ng

RT: 12.60 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

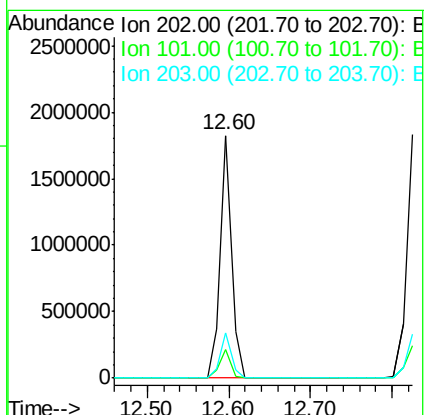
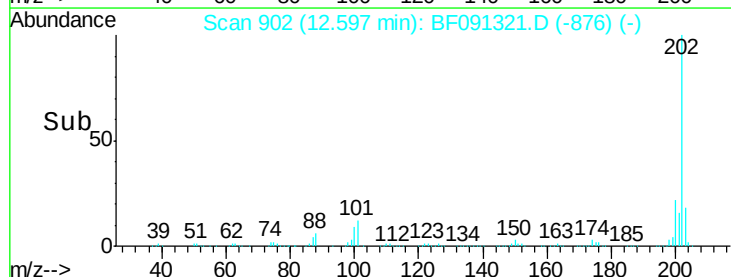
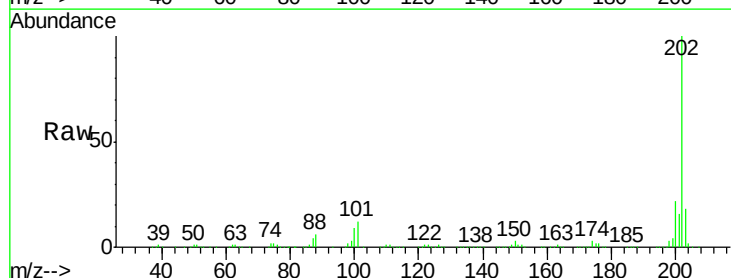
Tgt Ion:202 Resp: 1758277

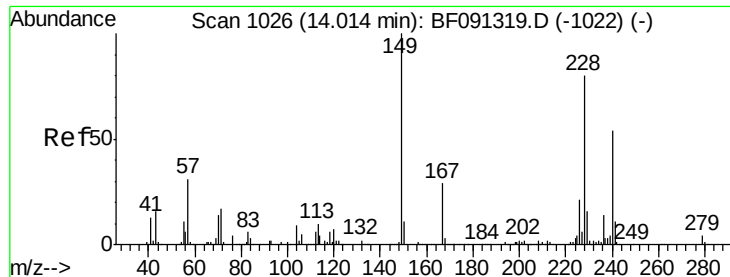
Ion Ratio Lower Upper

202 100

101 11.8 0.0 29.5

203 18.5 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

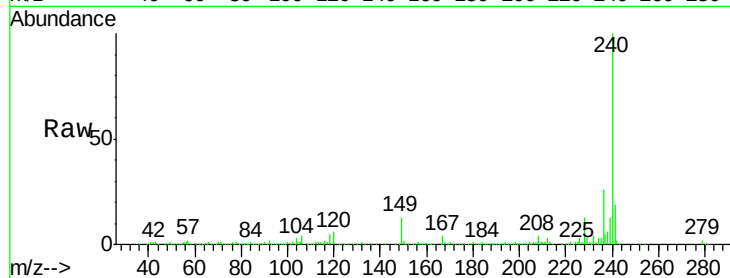
Tot Ion:240 Resp: 447688

Ion Ratio Lower Upper

240 100

120 6.2 12.1 18.1#

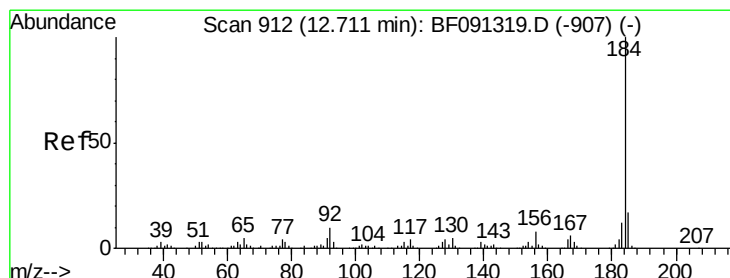
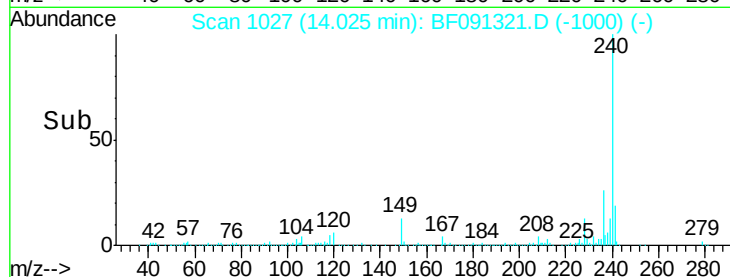
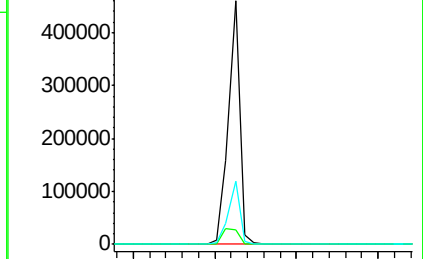
236 25.8 21.0 31.6



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: 94.90 ng

RT: 12.72 min Scan# 913

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

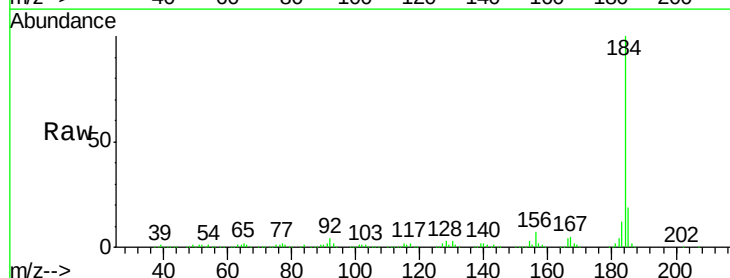
Tgt Ion:184 Resp: 823361

Ion Ratio Lower Upper

184 100

185 18.5 13.1 19.7

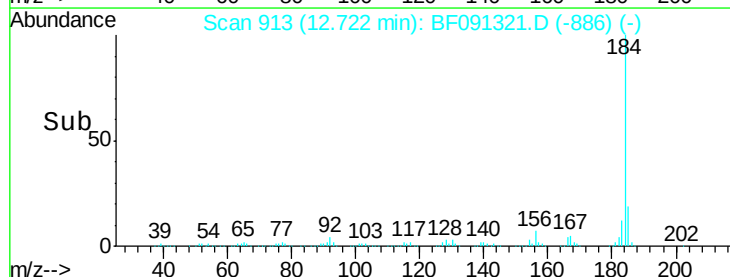
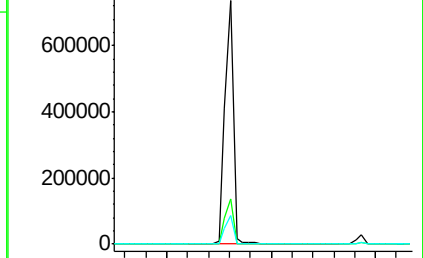
183 11.8 8.9 13.3

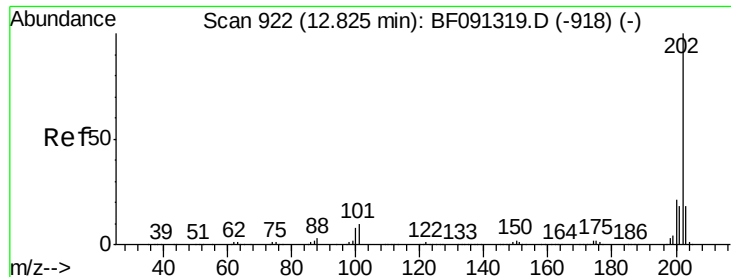


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

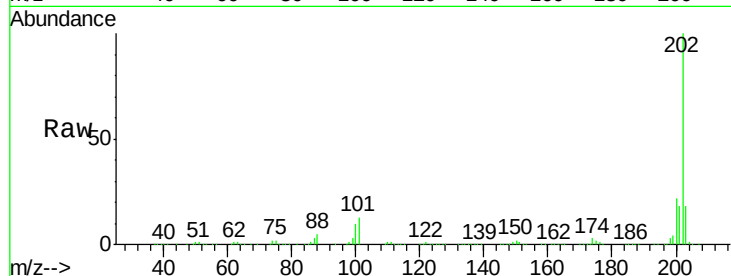




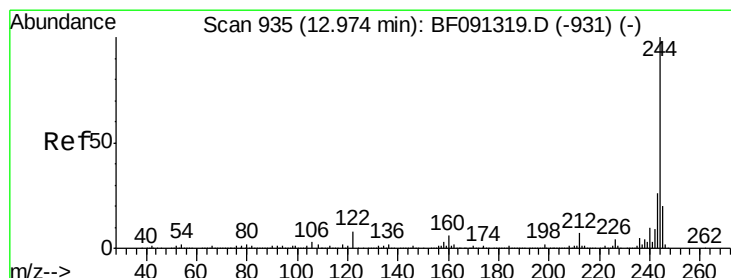
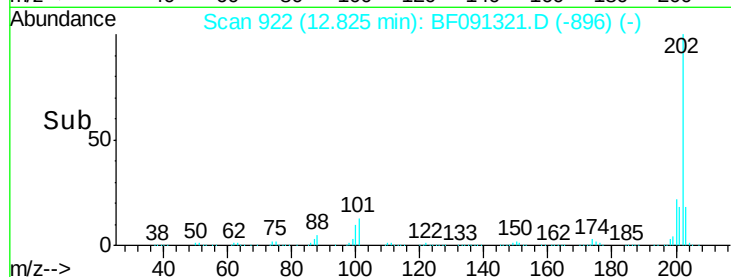
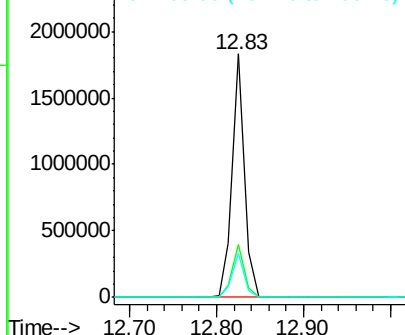
#77
Pvrene
Concen: 53.97 ng
RT: 12.83 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1785419
Ion Ratio Lower Upper
202 100
200 22.0 17.6 26.4
203 18.1 14.0 21.0

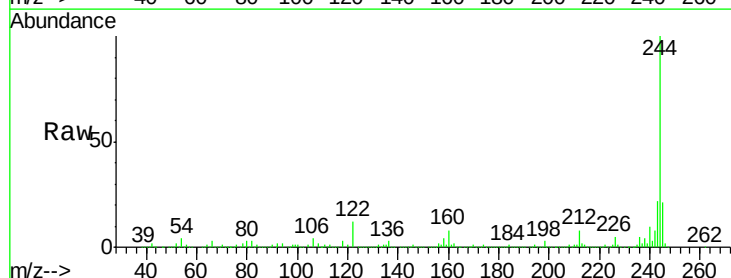


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

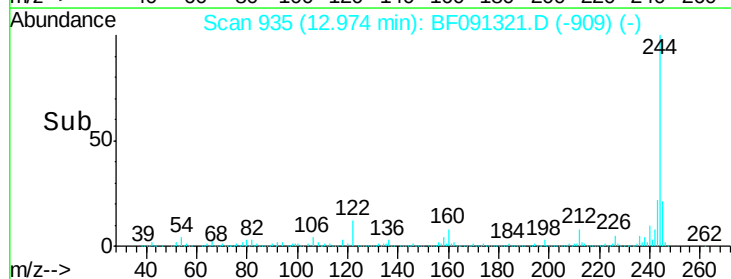
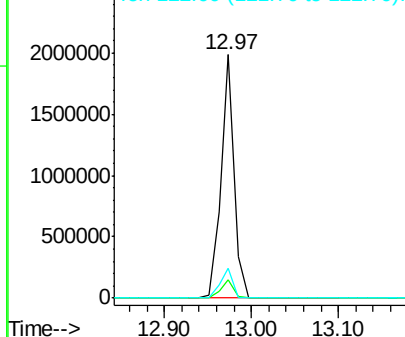


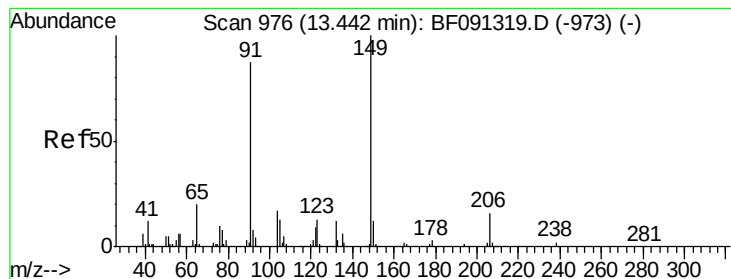
#78
Terphenyl-d14
Concen: 107.37 ng
RT: 12.97 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion:244 Resp: 2104748
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 12.1 9.5 14.3



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: 60.57 ng

RT: 13.45 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleID :

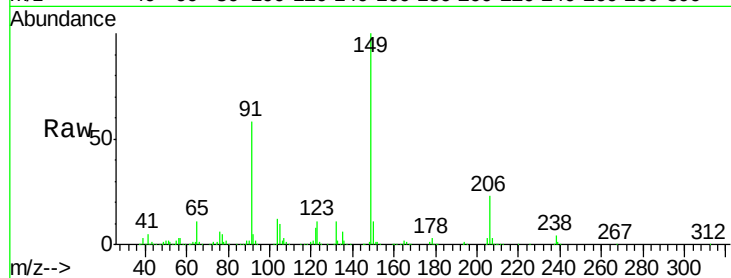
Tot Ion:149 Resp: 801885

Ion Ratio Lower Upper

149 100

91 58.0 57.4 86.2

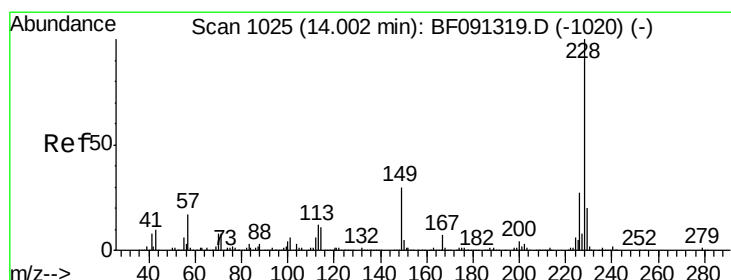
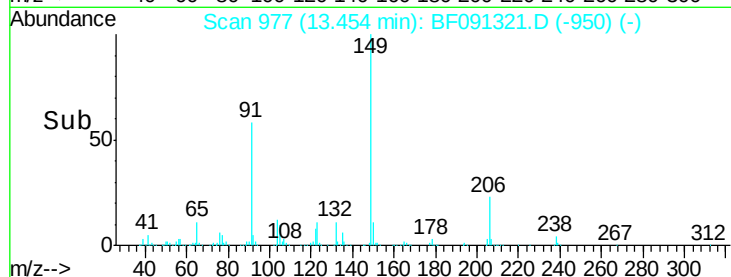
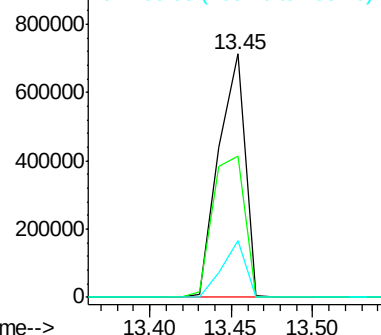
206 23.2 15.4 23.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 56.76 ng

RT: 14.01 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

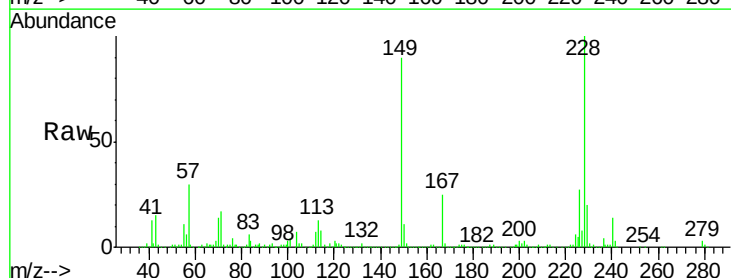
Tgt Ion:228 Resp: 1442203

Ion Ratio Lower Upper

228 100

226 27.4 22.5 33.7

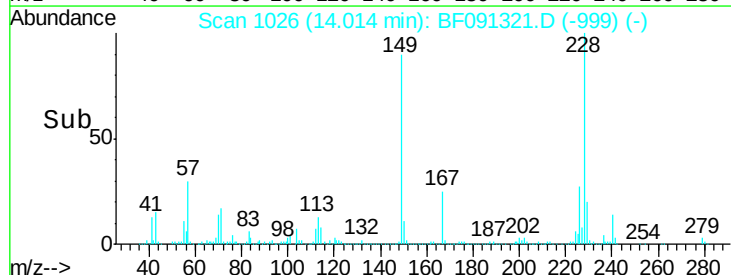
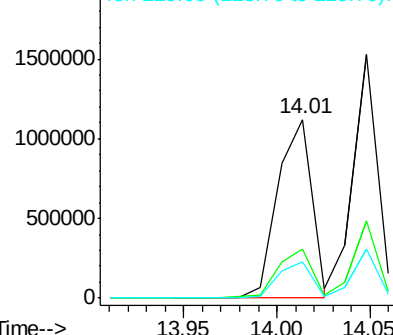
229 20.1 16.4 24.6

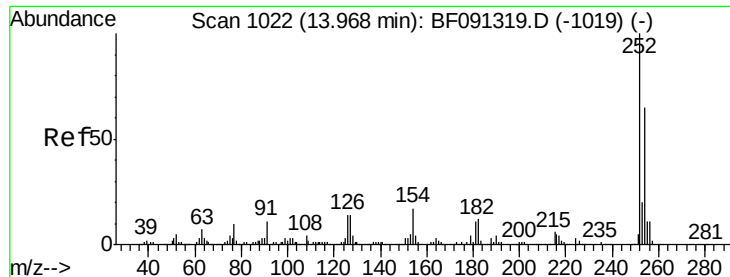


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

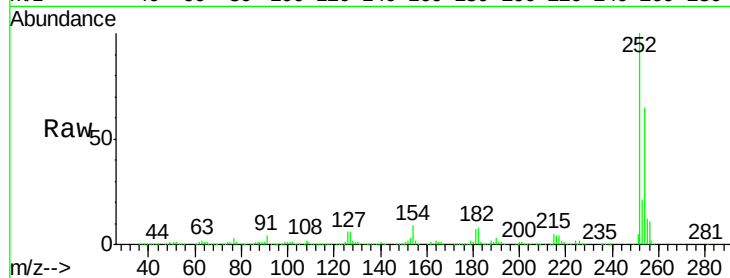




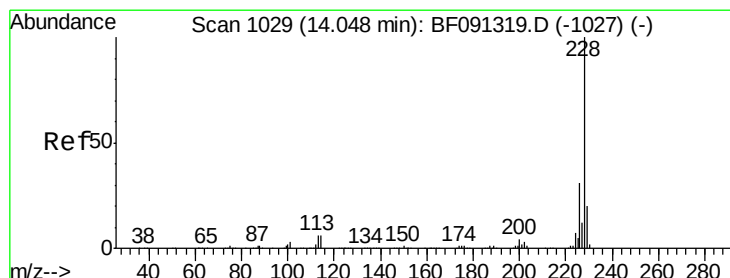
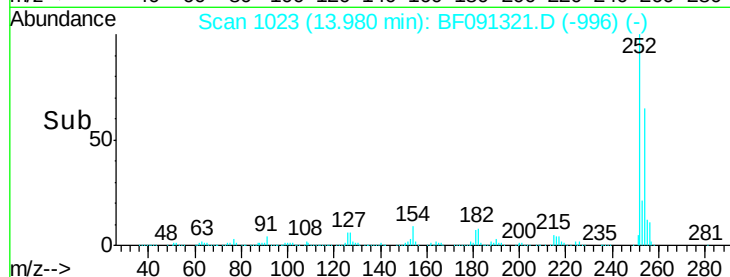
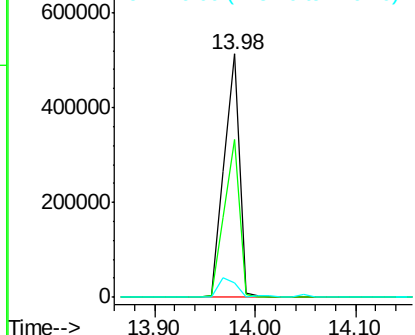
#81
 3,3'-Dichlorobenzidine
 Concen: 65.29 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 547070
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.1 78.1
 126 5.7 7.5 11.3#

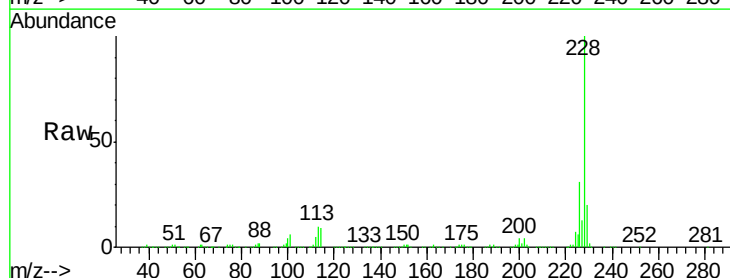


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

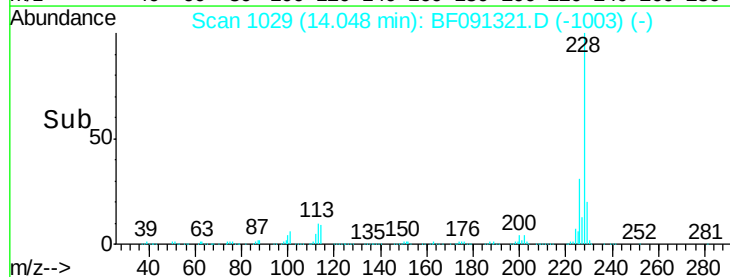
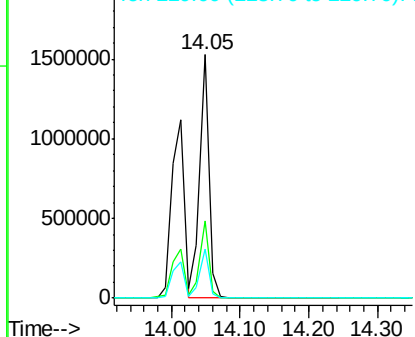


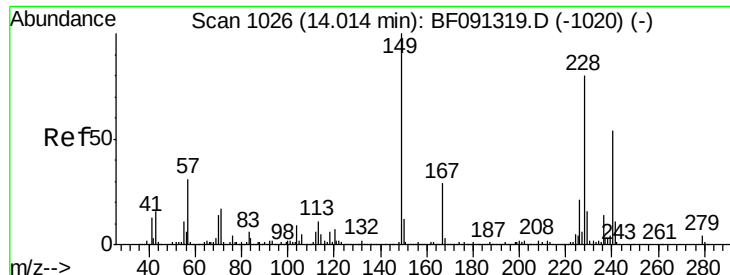
#82
 Chrysene
 Concen: 58.23 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Tgt Ion:228 Resp: 1398146
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.0 37.4
 229 20.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

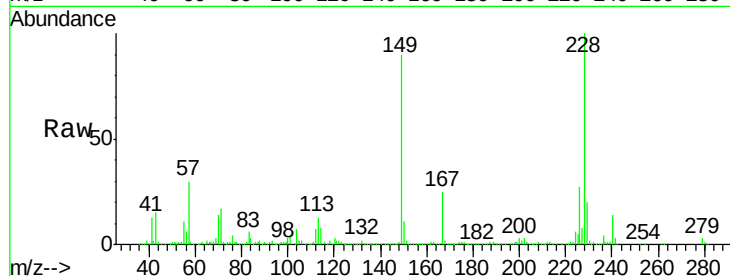




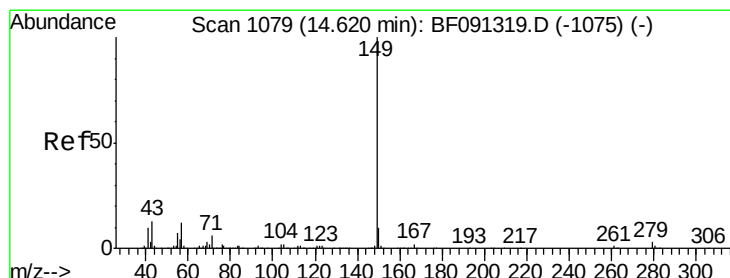
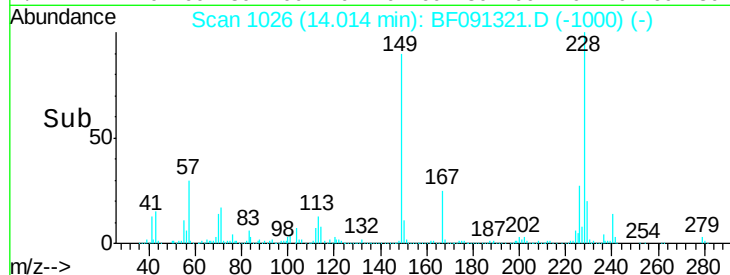
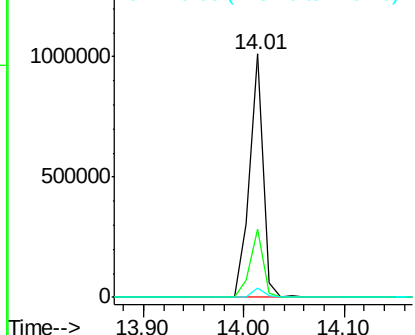
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.00 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 955757
 Ion Ratio Lower Upper
 149 100
 167 27.8 19.6 29.4
 279 3.8 1.9 2.9#

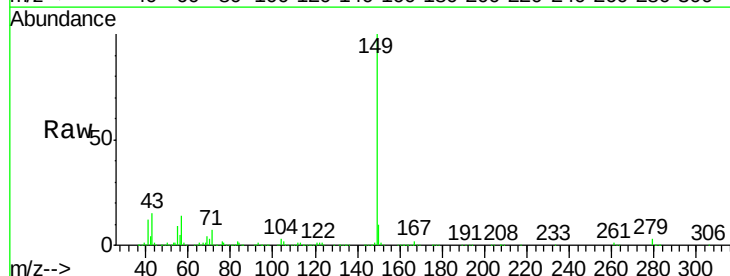


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

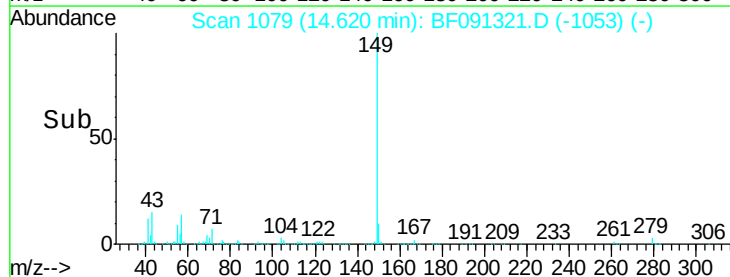
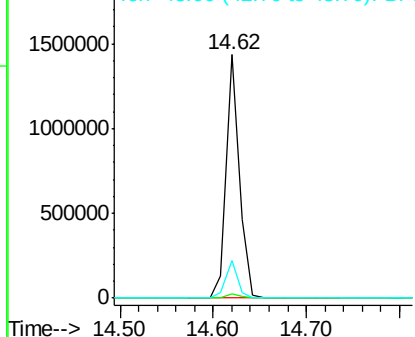


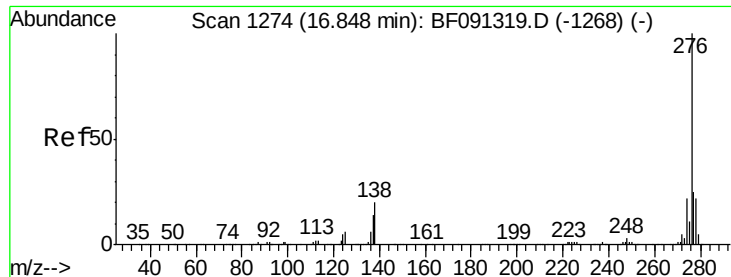
#84
 Di-n-octyl phthalate
 Concen: 54.36 ng
 RT: 14.62 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Tgt Ion:149 Resp: 1410062
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 13.9 11.9 17.9



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

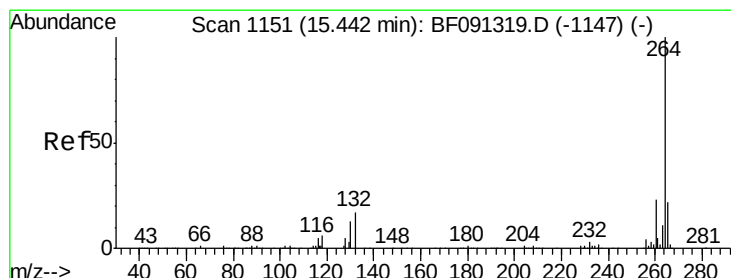
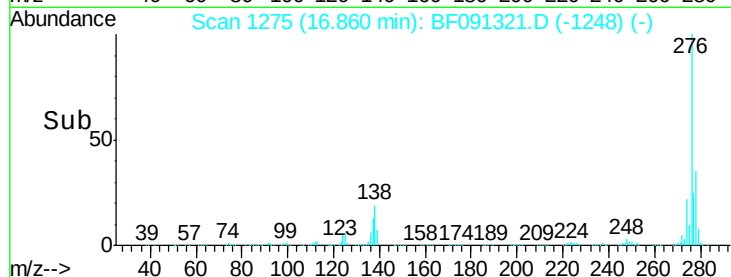
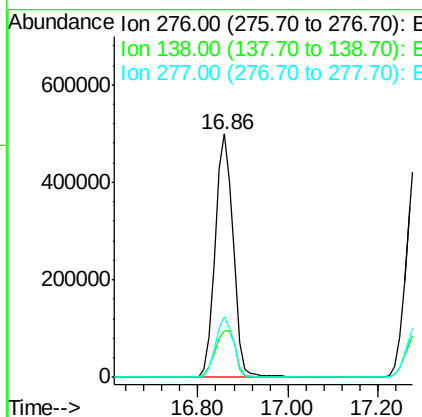
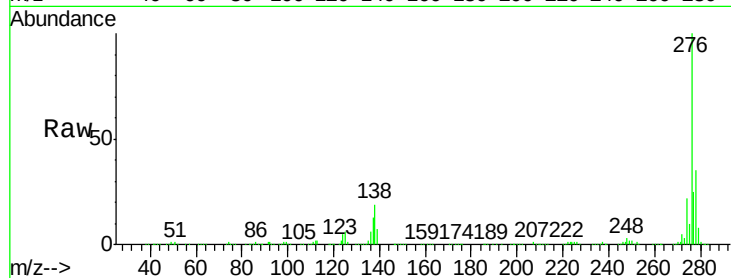




#85
Indeno(1,2,3-cd)pyrene
Concen: 67.66 ng
RT: 16.86 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

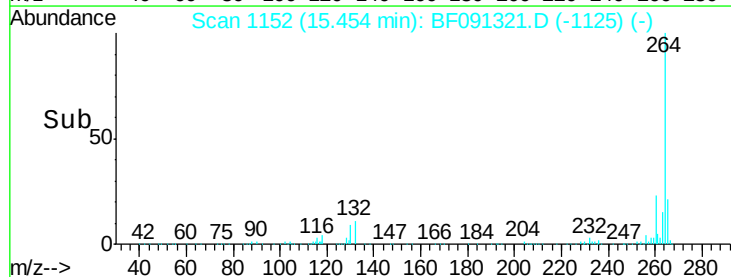
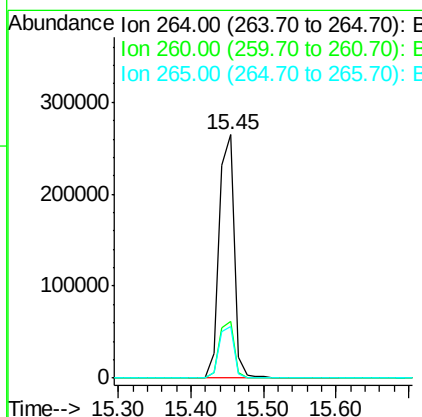
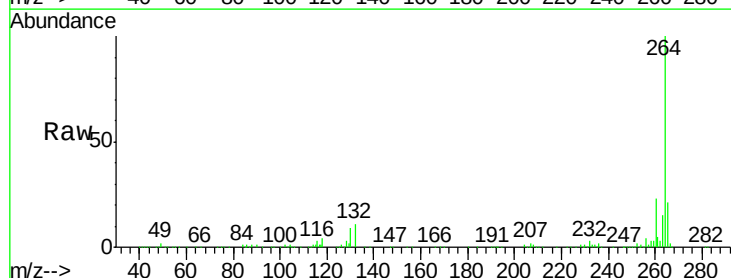
Instrument :
BNA_F
ClientSampleId :

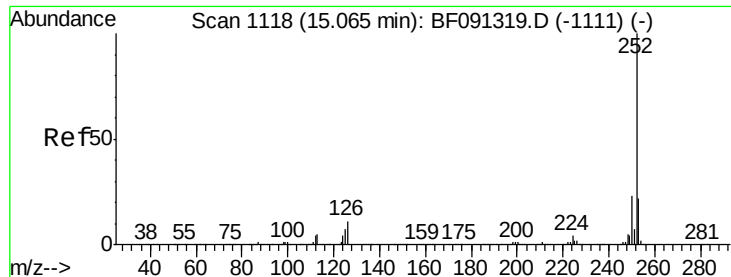
Tot Ion:276 Resp: 1399254
Ion Ratio Lower Upper
276 100
138 21.8 21.0 31.4
277 25.0 20.2 30.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion:264 Resp: 381816
Ion Ratio Lower Upper
264 100
260 23.1 18.8 28.2
265 21.1 17.0 25.6

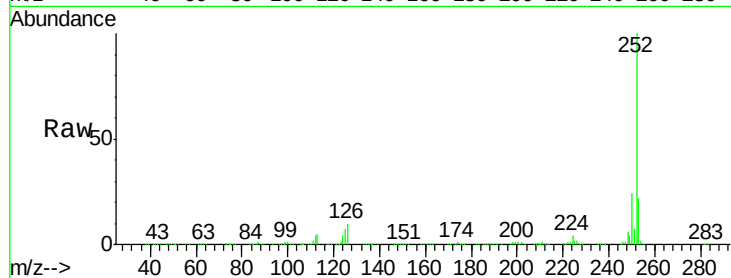




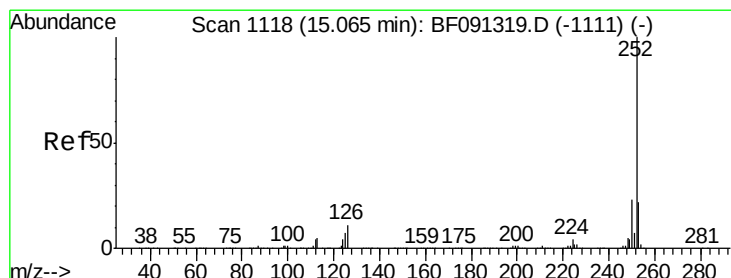
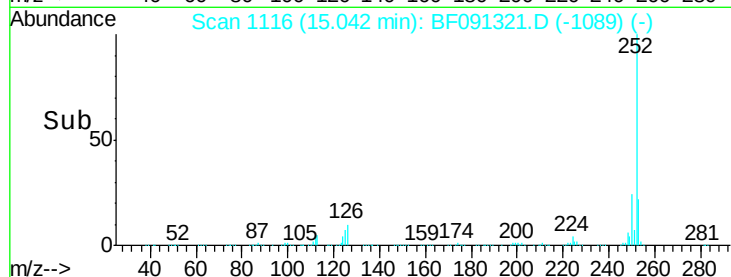
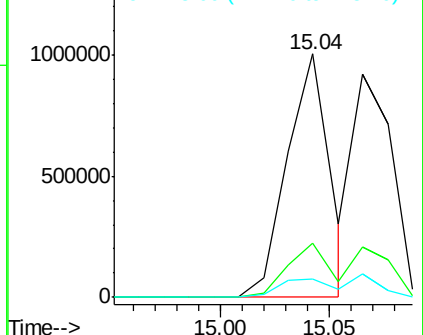
#87
Benzo(b)fluoranthene
Concen: 56.66 ng
RT: 15.04 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1364846
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 7.4 8.6 13.0#

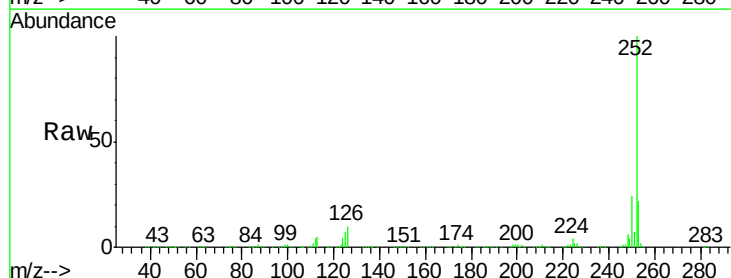


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

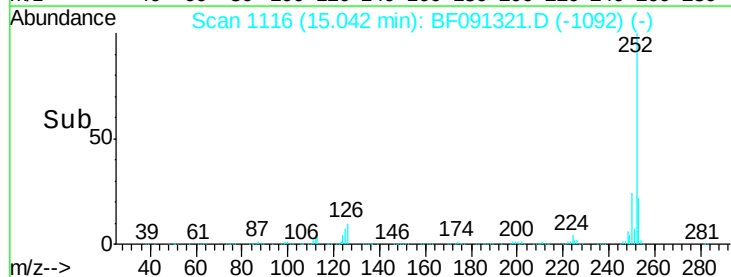
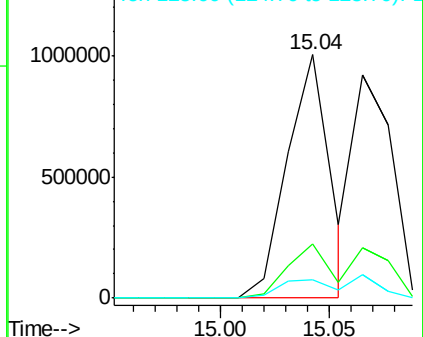


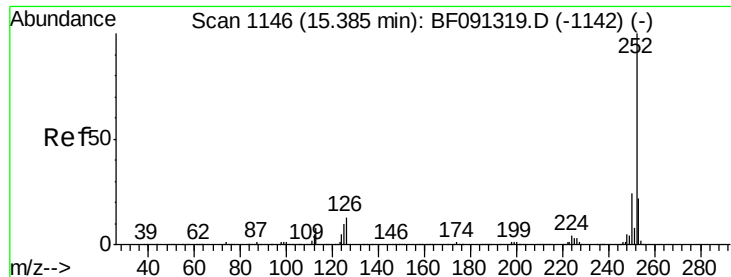
#88
Benzo(k)fluoranthene
Concen: 69.38 ng
RT: 15.04 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion:252 Resp: 1364846
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 7.4 9.6 14.4#



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

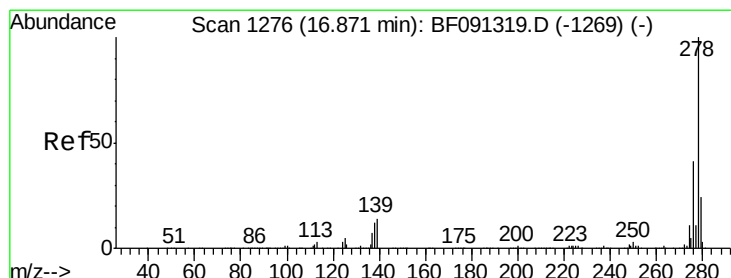
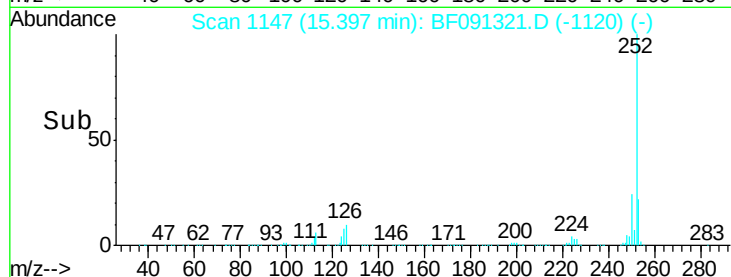
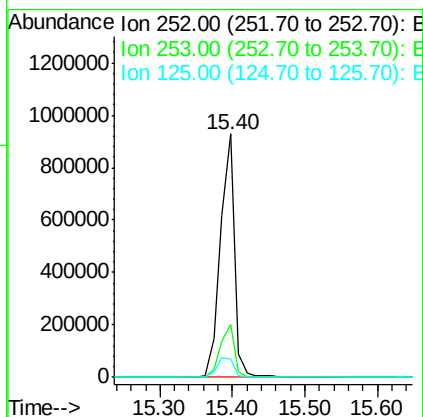
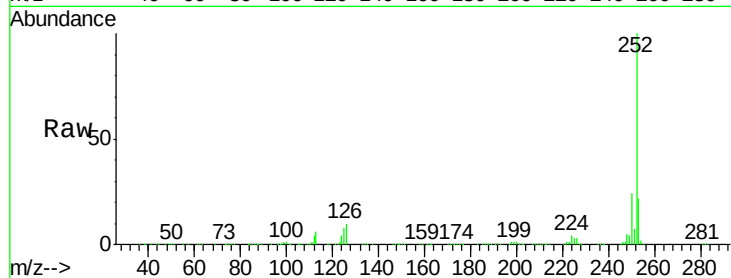




#89
Benzo(a)pyrene
Concen: 61.18 ng
RT: 15.40 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

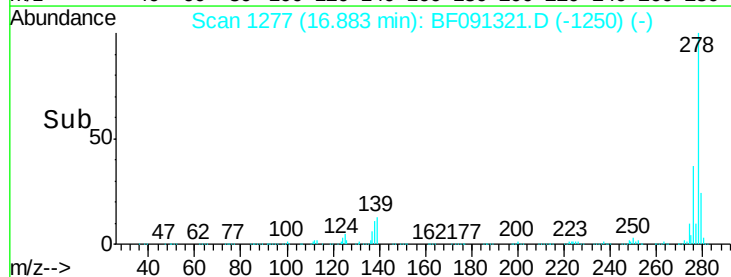
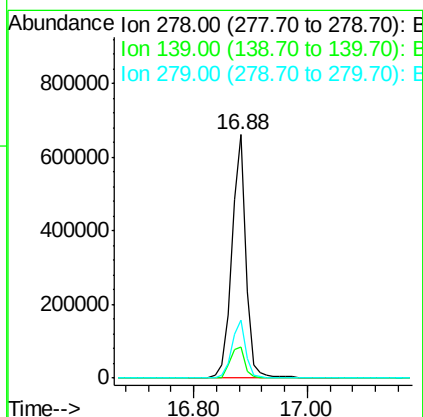
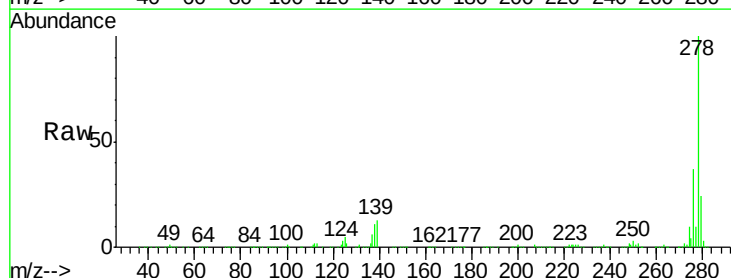
Instrument :
BNA_F
ClientSampleId :

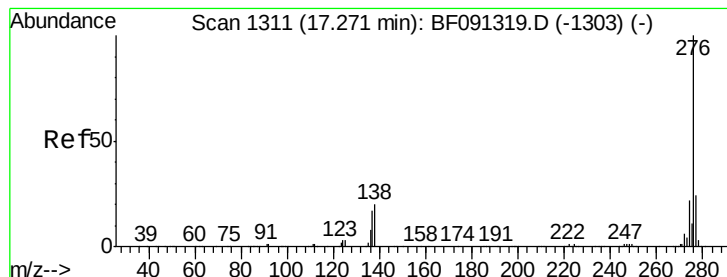
Tot Ion:252 Resp: 1253565
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 7.7 10.4 15.6#



#90
Dibenzo(a,h)anthracene
Concen: 61.40 ng
RT: 16.88 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion:278 Resp: 1161598
Ion Ratio Lower Upper
278 100
139 12.8 15.1 22.7#
279 24.1 19.0 28.6

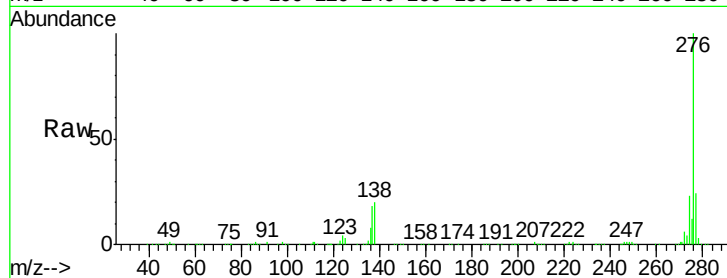




#91
 Benzo(a,h,i)perylene
 Concen: 64.47 ng
 RT: 17.28 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1209686
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.0 28.4
 138 20.1 15.4 23.0



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

