

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
 Data File : BF091336.D
 Acq On : 29 Nov 2016 19:33
 Operator : UM/SJ
 Sample : PB94947BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94947BS

Quant Time: Nov 30 00:41:04 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 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	171295	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	665952	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	374999	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	603942	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	351923	20.00	ng	-0.03
86) Perylene-d12	15.44	264	340491	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1178384	112.38	ng	0.00
7) Phenol-d6	6.50	99	1644181	127.38	ng	0.00
23) Nitrobenzene-d5	7.43	82	990164	83.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	485159	136.66	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1940856	93.71	ng	0.00
78) Terphenyl-d14	12.97	244	1691989	104.50	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	163035	34.37	ng	88
3) Pyridine	3.26	79	476608	35.50	ng	# 84
4) n-Nitrosodimethylamine	3.21	42	301663	42.83	ng	97
6) Aniline	6.53	93	478379	27.90	ng	# 70
8) 2-Chlorophenol	6.65	128	508786	44.26	ng	92
9) Benzaldehyde	6.40	77	21886	2.64	ng	97
10) Phenol	6.52	94	688580	45.34	ng	93
11) bis(2-Chloroethyl)ether	6.61	93	523995	48.28	ng	94
12) 1,3-Dichlorobenzene	7.04	146	508519	39.76	ng	98
13) 1,4-Dichlorobenzene	6.88	146	509316	40.04	ng	97
14) 1,2-Dichlorobenzene	7.04	146	508536	42.92	ng	94
15) Benzyl Alcohol	7.01	79	411207	39.81	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	987093	42.30	ng	71
17) 2-Methylphenol	7.12	107	381520	41.98	ng	# 76
18) Hexachloroethane	7.38	117	197148	43.65	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	330111	40.59	ng	# 96
20) 3+4-Methylphenols	7.27	107	485836	43.79	ng	# 68
22) Acetophenone	7.28	105	663121	42.01	ng	# 90
24) Nitrobenzene	7.45	77	552703	45.43	ng	# 79
25) Isophorone	7.69	82	968953	46.02	ng	98
26) 2-Nitrophenol	7.76	139	239706	43.23	ng	100
27) 2,4-Dimethylphenol	7.81	122	476592	45.95	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	576041	45.46	ng	100
29) 2,4-Dichlorophenol	8.01	162	412987	45.26	ng	90
30) 1,2,4-Trichlorobenzene	8.09	180	449586	43.95	ng	99
31) Naphthalene	8.17	128	1330699	42.04	ng	100
32) Benzoic acid	7.93	122	330511	43.23	ng	89
33) 4-Chloroaniline	8.22	127	101028	7.47	ng	96
34) Hexachlorobutadiene	8.30	225	282222	44.87	ng	98
35) Caprolactam	8.58	113	95272	36.33	ng	92
36) 4-Chloro-3-methylphenol	8.71	107	457392	46.43	ng	89
37) 2-Methylnaphthalene	8.87	142	936680	43.56	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	387426	36.65	ng	98
40) Hexachlorocyclopentadiene	9.02	237	543501	110.91	ng	99

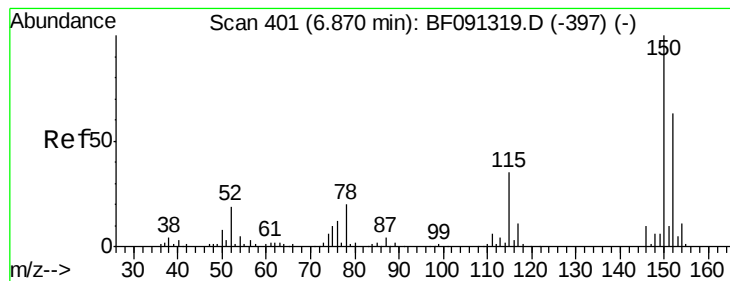
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	325189	47.33	ng	95
43) 2,4,5-Trichlorophenol	9.19	196	303396	44.06	ng	95
45) 1,1'-Biphenyl	9.33	154	1047165	38.83	ng	98
46) 2-Chloronaphthalene	9.35	162	810574	40.36	ng	98
47) 2-Nitroaniline	9.44	65	280020	38.82	ng	# 75
48) Acenaphthylene	9.77	152	1350621	42.72	ng	99
49) Dimethylphthalate	9.64	163	1054329	46.43	ng	98
50) 2,6-Dinitrotoluene	9.69	165	249088	49.08	ng	# 68
51) Acenaphthene	9.94	154	1023199	47.99	ng	96
52) 3-Nitroaniline	9.85	138	116044	19.75	ng	94
53) 2,4-Dinitrophenol	9.97	184	256342	115.50	ng	# 72
54) Dibenzofuran	10.12	168	1304030	45.68	ng	92
55) 4-Nitrophenol	10.01	139	355164	83.71	ng	95
56) 2,4-Dinitrotoluene	10.09	165	323672	49.17	ng	# 79
57) Fluorene	10.46	166	951052	43.39	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	280204	47.66	ng	96
59) Diethylphthalate	10.33	149	981663	43.80	ng	96
60) 4-Chlorophenyl-phenylether	10.45	204	452834	41.19	ng	# 89
61) 4-Nitroaniline	10.47	138	215232	39.02	ng	93
62) Azobenzene	10.61	77	1120358	48.99	ng	90
64) 4,6-Dinitro-2-methylphenol	10.49	198	156041	46.90	ng	89
65) n-Nitrosodiphenylamine	10.56	169	782346	42.73	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	323579	49.85	ng	# 81
67) Hexachlorobenzene	11.00	284	302864	43.18	ng	# 74
68) Atrazine	11.10	200	270580	45.63	ng	90
69) Pentachlorophenol	11.19	266	350634	84.91	ng	94
70) Phenanthrene	11.41	178	1357819	43.27	ng	99
71) Anthracene	11.46	178	1461493	46.92	ng	100
72) Carbazole	11.61	167	1134448	40.14	ng	99
73) Di-n-butylphthalate	11.96	149	1549782	48.38	ng	100
74) Fluoranthene	12.60	202	1394885	46.93	ng	99
76) Benzidine	12.71	184	392562	38.00	ng	98
77) Pyrene	12.82	202	1412828	52.90	ng	99
79) Butylbenzylphthalate	13.44	149	512903	51.29	ng	# 84
80) Benzo(a)anthracene	14.00	228	966379	46.95	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	233448	32.20	ng	# 98
82) Chrysene	14.05	228	1026288	50.40	ng	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	695207	54.84	ng	# 91
84) Di-n-octyl phthalate	14.62	149	1065746	55.56	ng	97
85) Indeno(1,2,3-cd)pyrene	16.85	276	1076465	57.72	ng	95
87) Benzo(b)fluoranthene	15.07	252	1736925	82.07	ng	# 97
88) Benzo(k)fluoranthene	15.07	252	1737666	97.64	ng	# 97
89) Benzo(a)pyrene	15.39	252	836793	44.03	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	892758	50.79	ng	# 95
91) Benzo(g,h,i)perylene	17.28	276	920229	50.77	ng	98

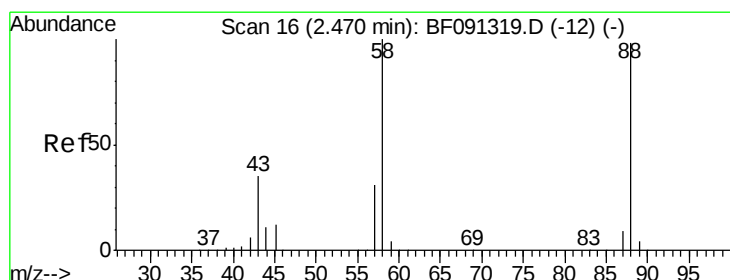
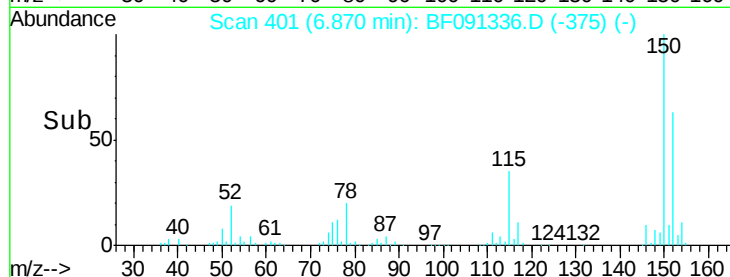
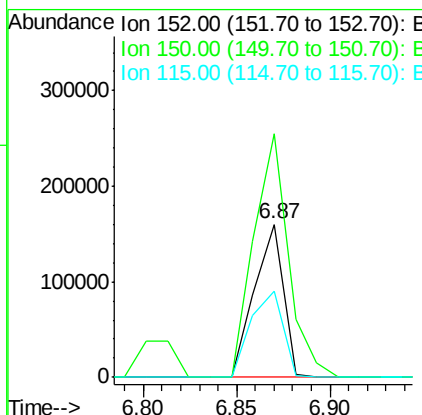
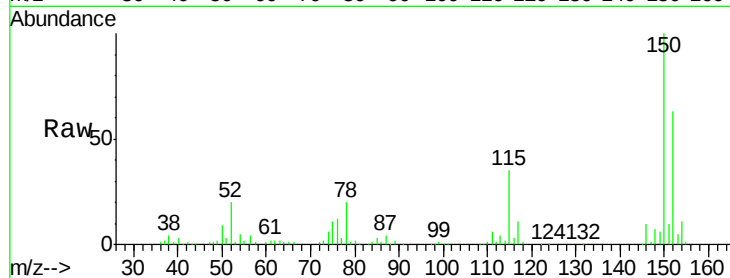
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.87 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

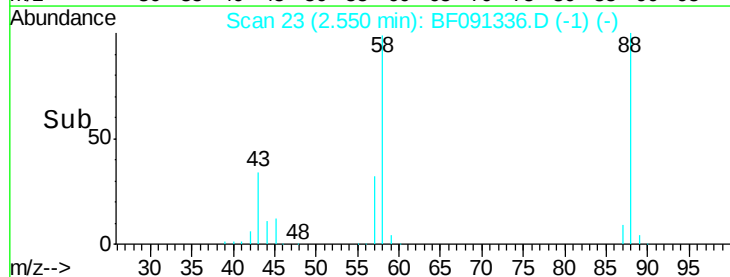
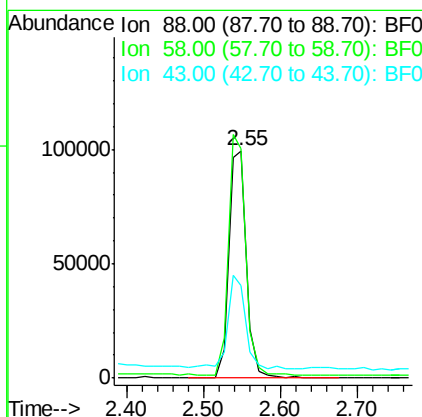
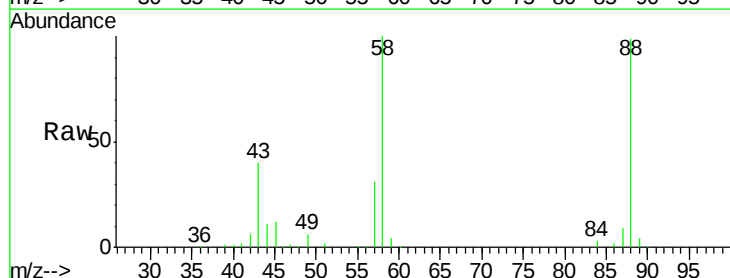
Instrument :
 BNA_F
 ClientSampleId :
 PB94947BS

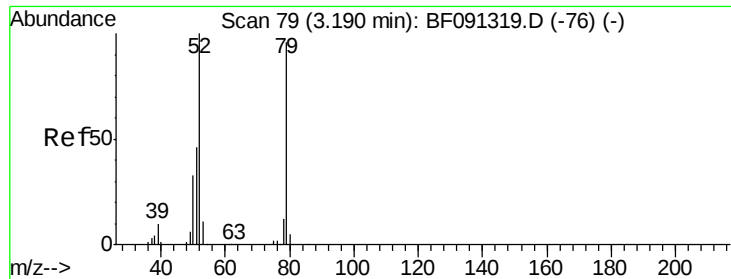
Tgt Ion:152 Resp: 171295
 Ion Ratio Lower Upper
 152 100
 150 159.2 122.5 183.7
 115 55.9 51.8 77.8



#2
 1,4-Dioxane
 Concen: 34.37 ng
 RT: 2.55 min Scan# 23
 Delta R.T. 0.05 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Tgt Ion: 88 Resp: 163035
 Ion Ratio Lower Upper
 88 100
 58 103.2 70.3 105.5
 43 40.6 31.3 46.9





#3

Pyridine

Concen: 35.50 ng

RT: 3.26 min Scan# 85

Delta R.T. 0.04 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

Instrument :

BNA_F

ClientSampleId :

PB94947BS

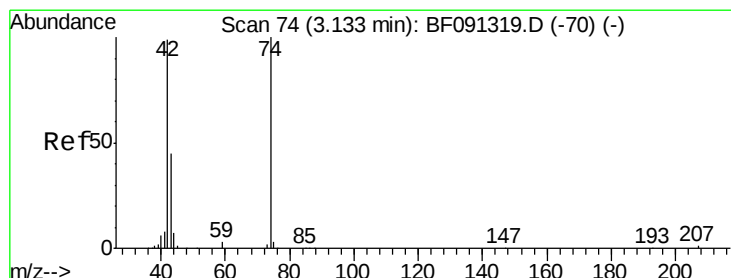
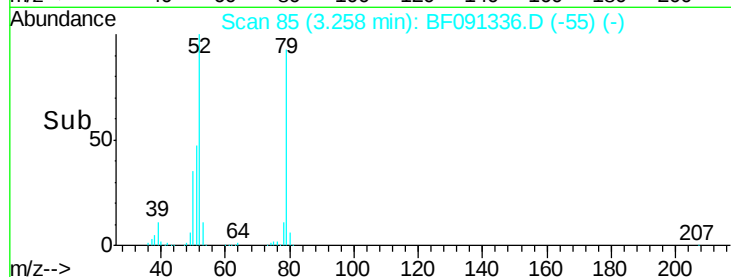
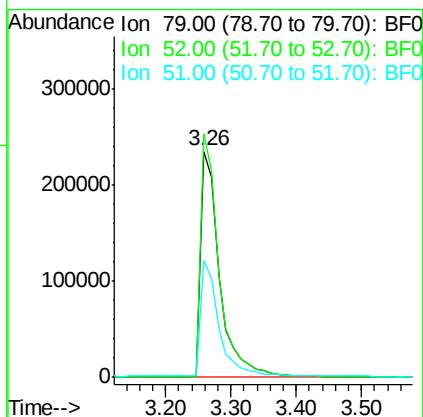
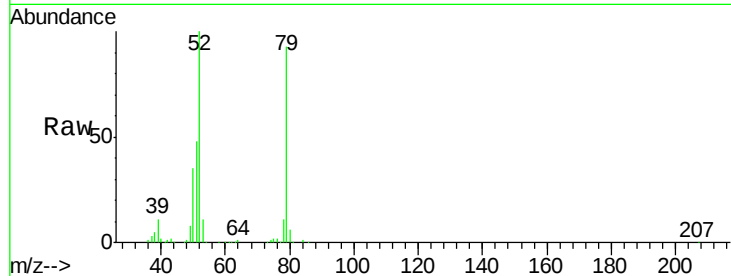
Tgt Ion: 79 Resp: 476608

Ion Ratio Lower Upper

79 100

52 107.8 71.0 106.4#

51 51.7 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 42.83 ng

RT: 3.21 min Scan# 81

Delta R.T. 0.04 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

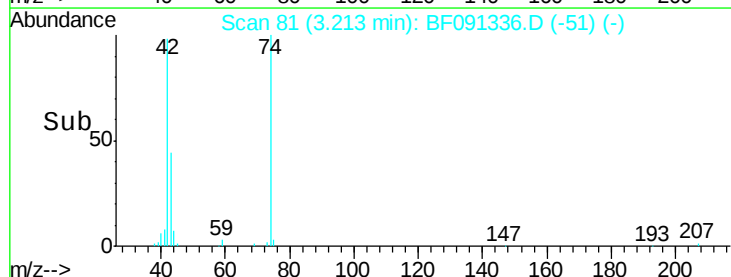
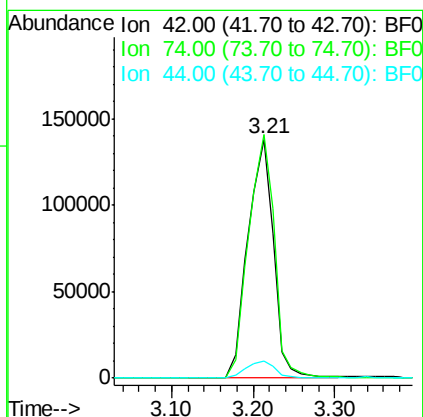
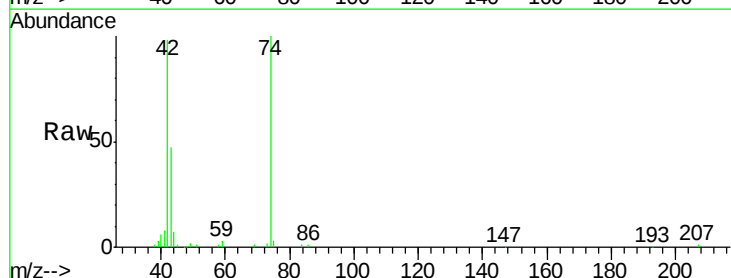
Tgt Ion: 42 Resp: 301663

Ion Ratio Lower Upper

42 100

74 102.0 78.9 118.3

44 7.4 5.8 8.6





#5

2-Fluorophenol

Concen: 112.38 ng

RT: 5.48 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

Instrument :

BNA_F

ClientSampleId :

PB94947BS

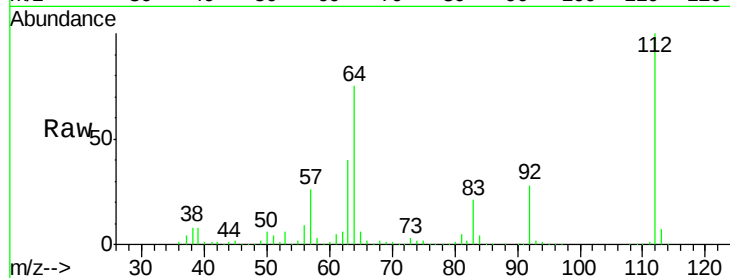
Tgt Ion: 112 Resp: 1178384

Ion Ratio Lower Upper

112 100

64 75.4 61.5 92.3

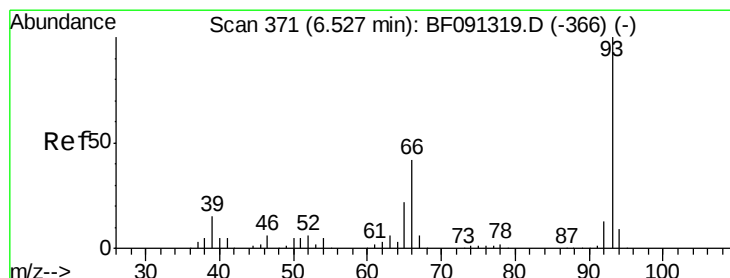
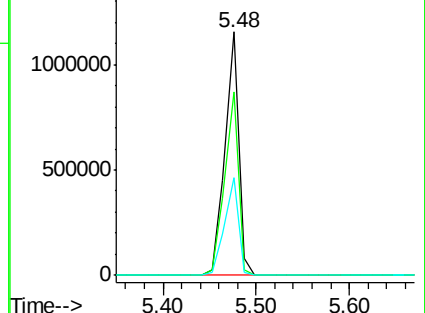
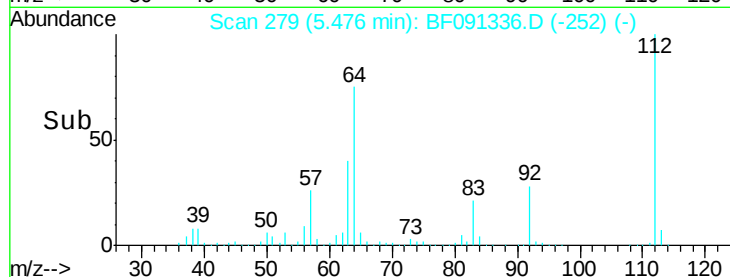
63 40.3 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.90 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

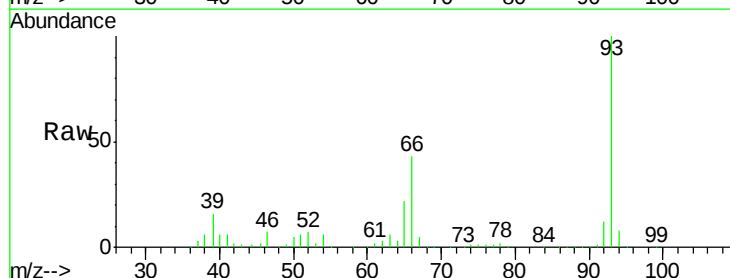
Tgt Ion: 93 Resp: 478379

Ion Ratio Lower Upper

93 100

66 42.5 55.8 83.6#

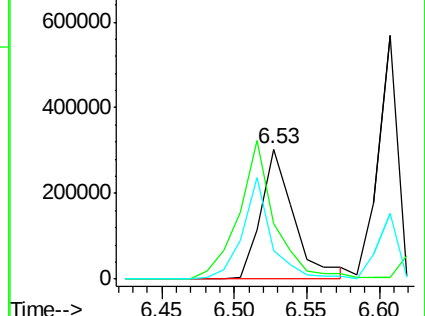
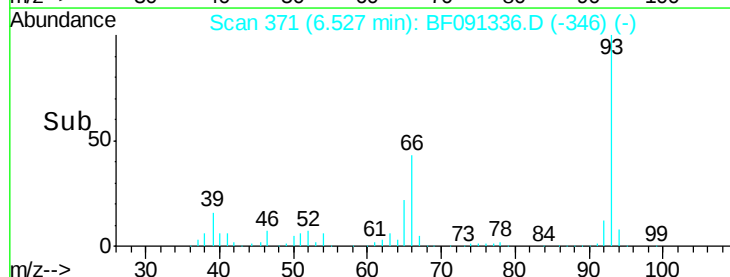
65 22.3 29.9 44.9#

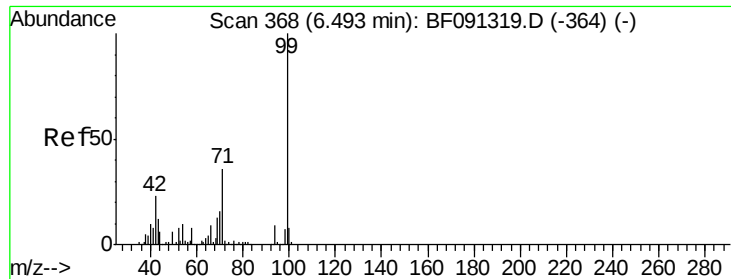


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.38 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.01 min

Lab File: BF091336.D

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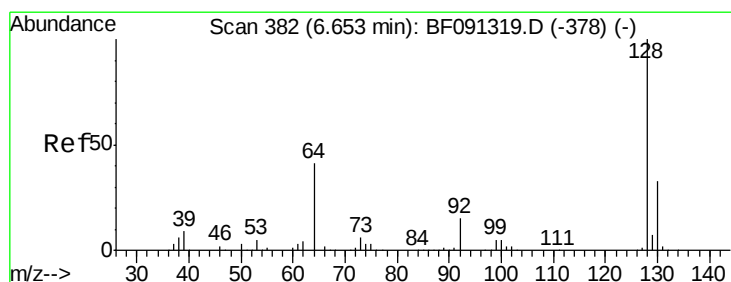
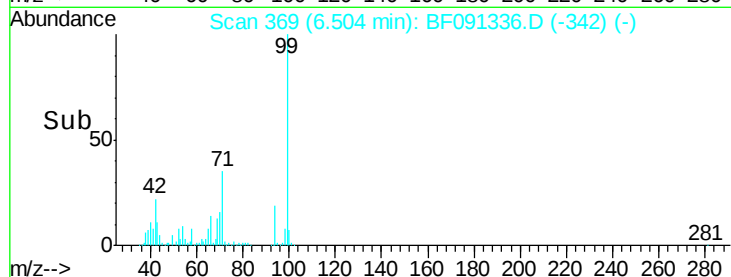
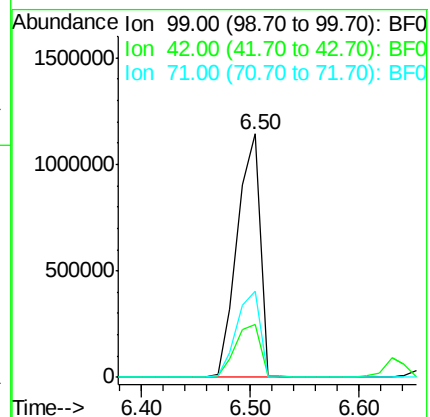
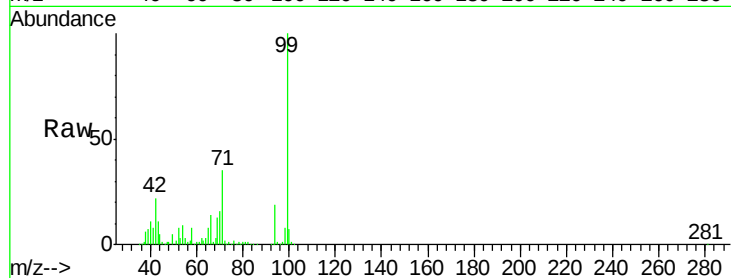
Tgt Ion: 99 Resp: 1644181

Ion Ratio Lower Upper

99 100

42 21.5 20.6 31.0

71 35.4 29.9 44.9



#8

2-Chlorophenol

Concen: 44.26 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

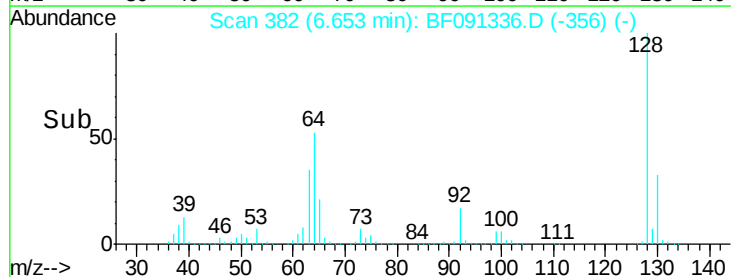
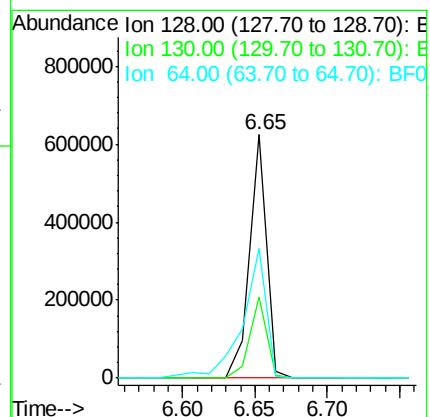
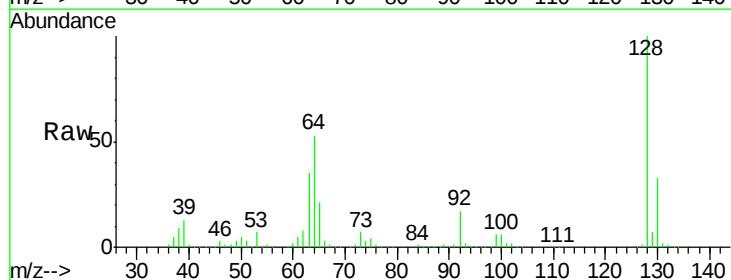
Tgt Ion: 128 Resp: 508786

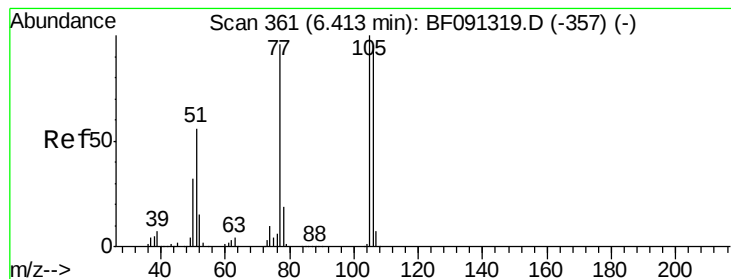
Ion Ratio Lower Upper

128 100

130 33.4 13.1 53.1

64 53.2 24.1 64.1





#9

Benzaldehyde

Concen: 2.64 ng

RT: 6.40 min Scan# 360

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

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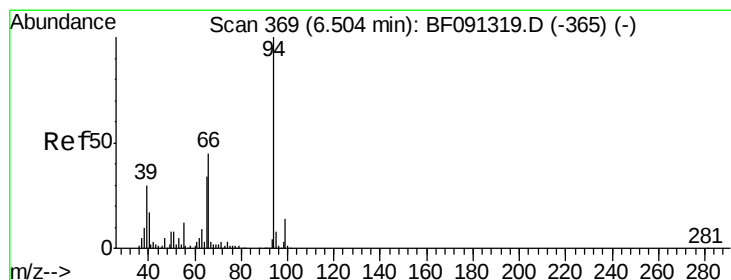
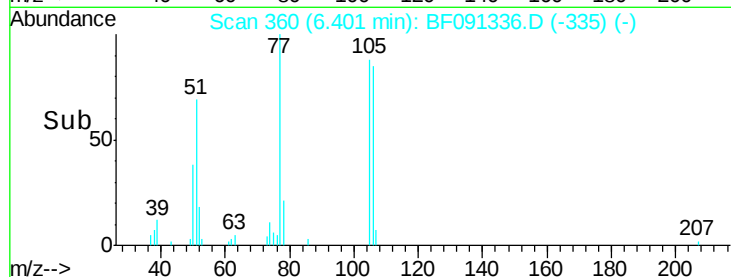
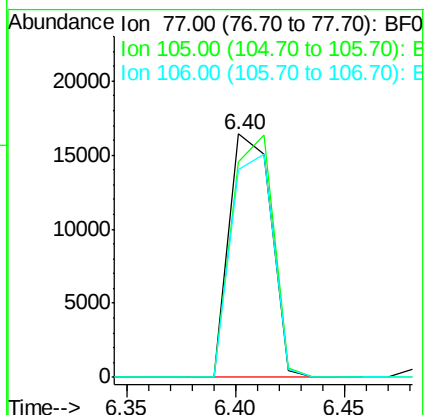
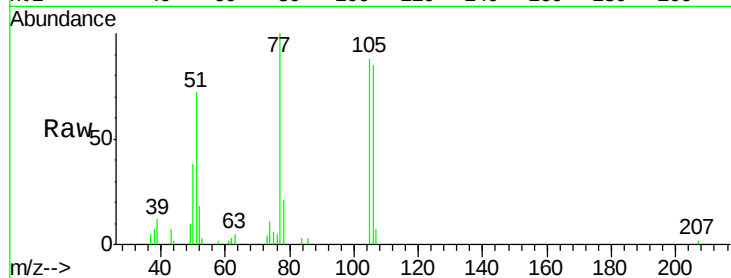
Tgt Ion: 77 Resp: 21886

Ion Ratio Lower Upper

77 100

105 88.2 66.4 106.4

106 85.1 60.9 100.9



#10

Phenol

Concen: 45.34 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

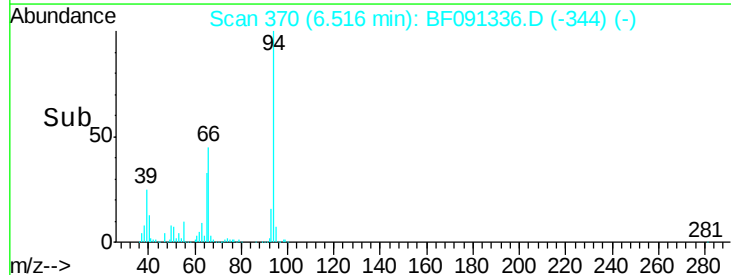
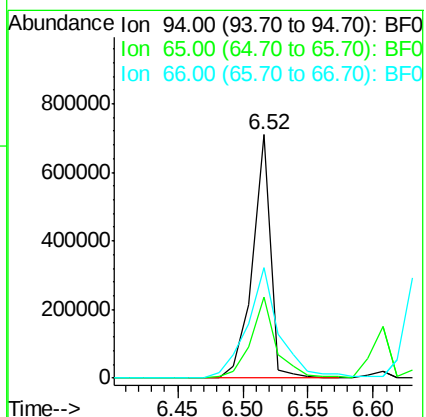
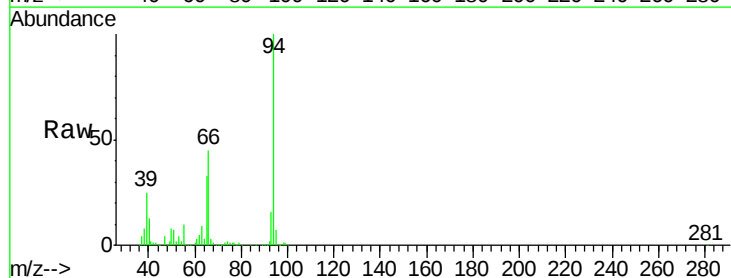
Tgt Ion: 94 Resp: 688580

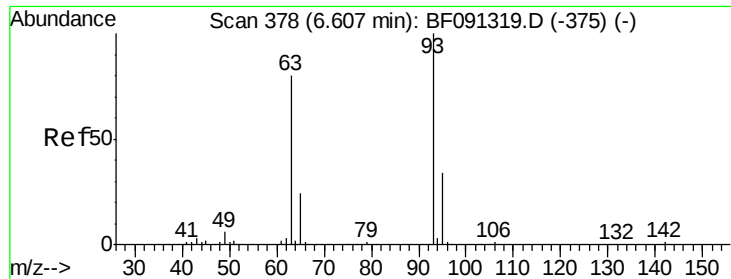
Ion Ratio Lower Upper

94 100

65 33.2 16.9 56.9

66 45.5 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 48.28 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

Instrument :

BNA_F

ClientSampleId :

PB94947BS

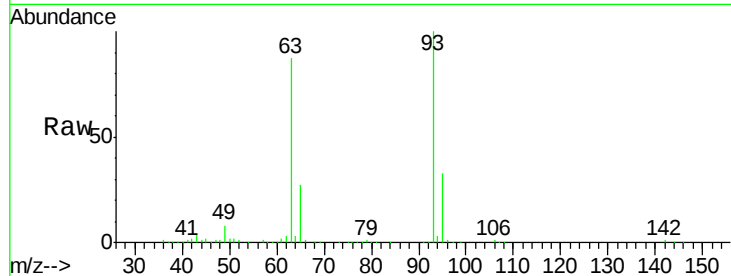
Tgt Ion: 93 Resp: 523995

Ion Ratio Lower Upper

93 100

63 87.1 74.8 114.8

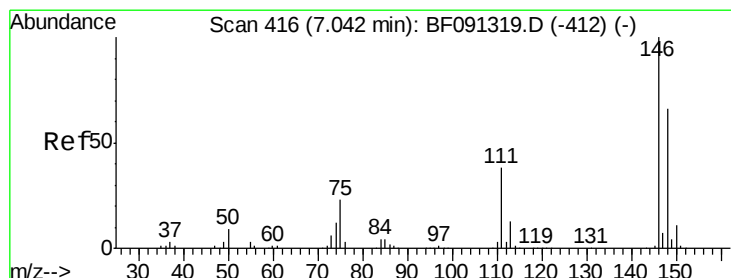
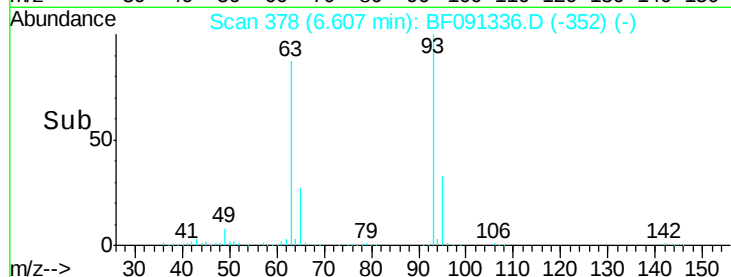
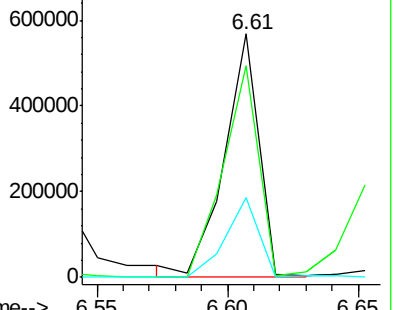
95 32.9 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.76 ng

RT: 7.04 min Scan# 416

Delta R.T. 0.22 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

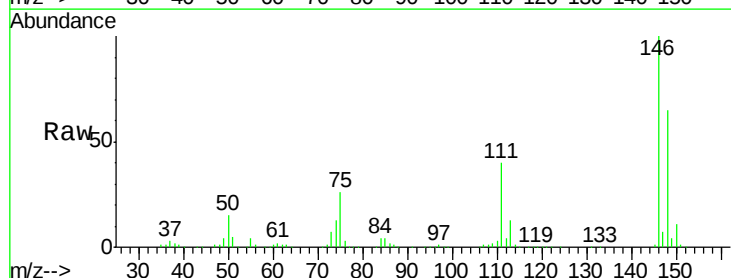
Tgt Ion: 146 Resp: 508519

Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.0

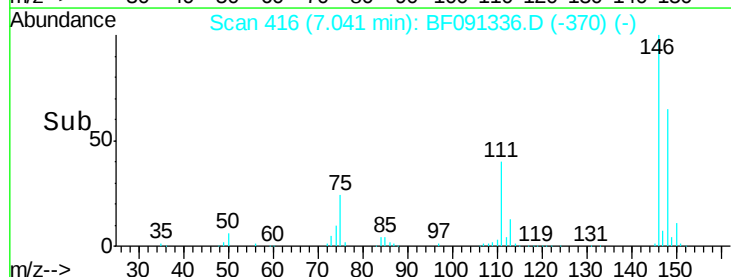
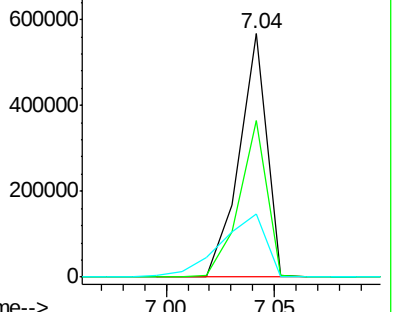
75 25.8 23.6 35.4

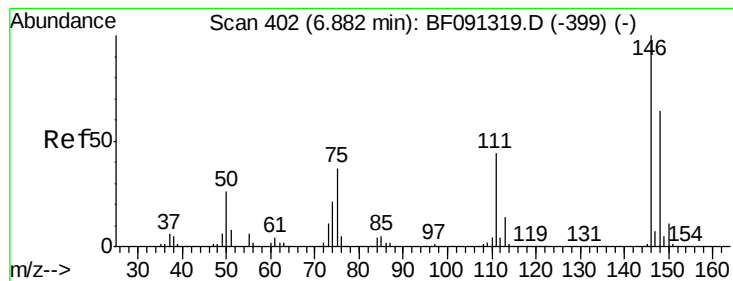


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.04 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

Instrument :

BNA_F

ClientSampleId :

PB94947BS

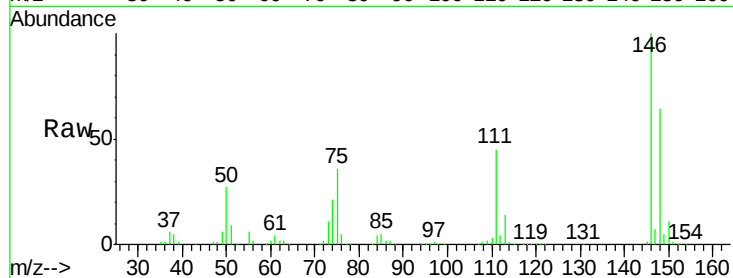
Tgt Ion:146 Resp: 509316

Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.0

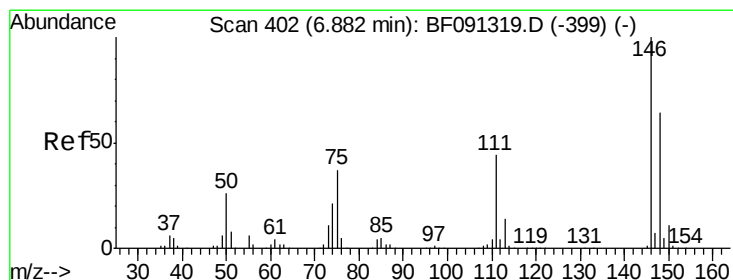
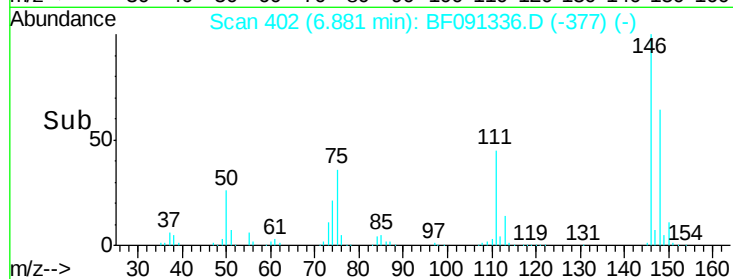
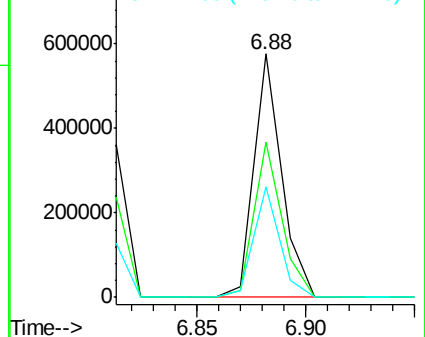
111 45.2 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.92 ng

RT: 7.04 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

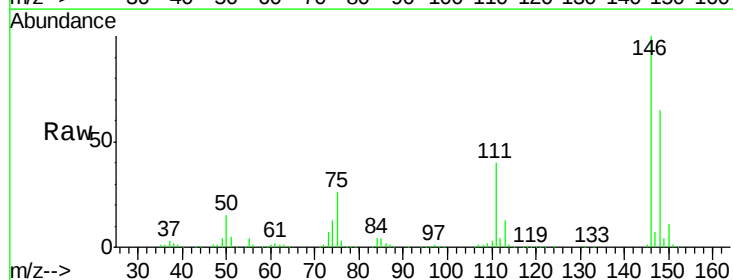
Tgt Ion:146 Resp: 508536

Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.6

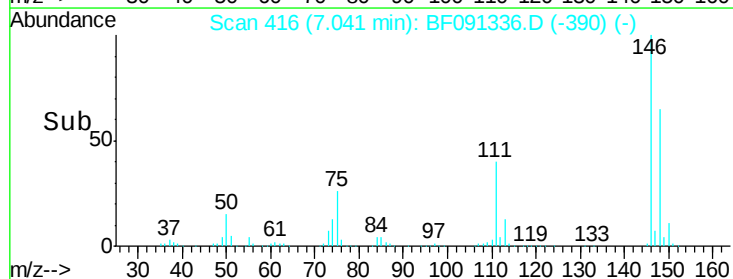
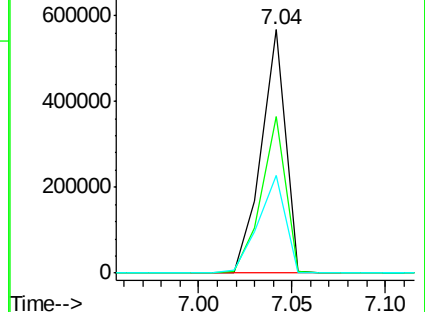
111 39.9 38.9 58.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.81 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

Instrument :

BNA_F

ClientSampleId :

PB94947BS

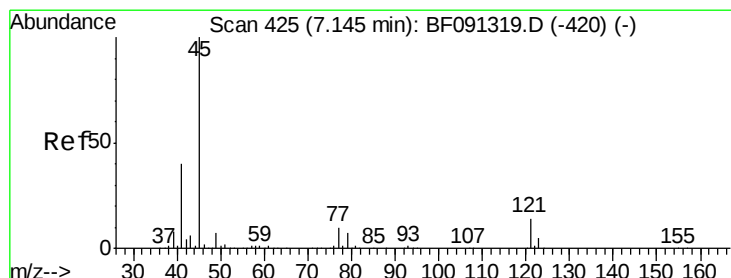
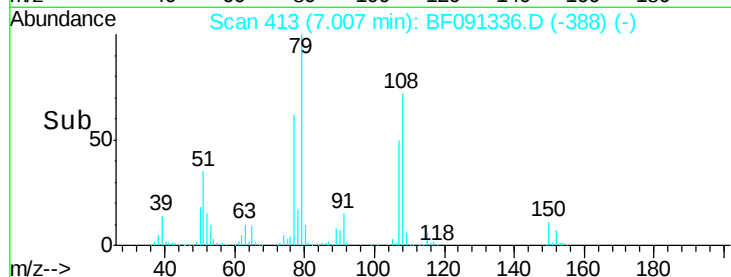
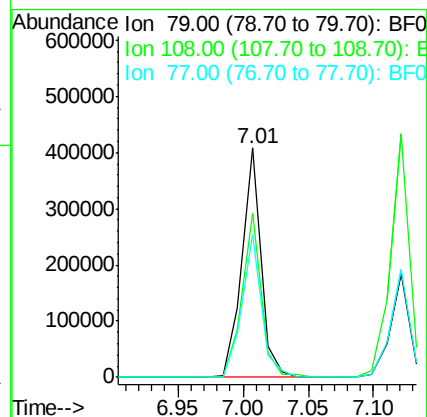
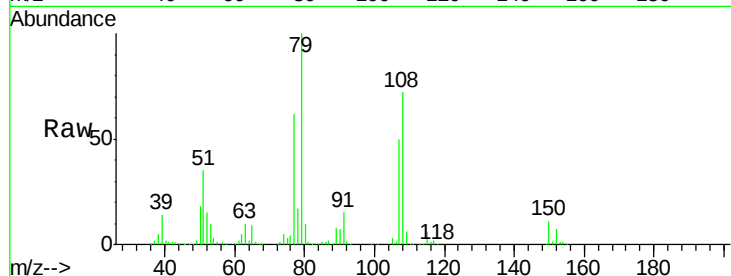
Tgt Ion: 79 Resp: 411207

Ion Ratio Lower Upper

79 100

108 71.8 62.7 94.1

77 62.2 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.30 ng

RT: 7.14 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

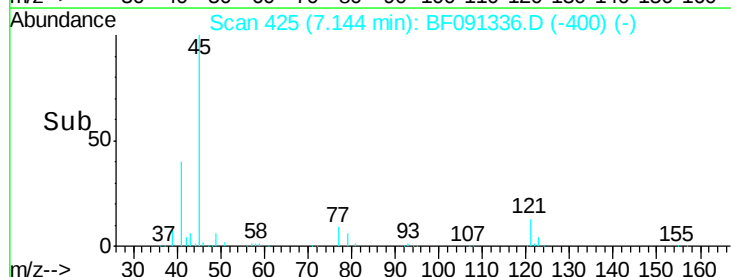
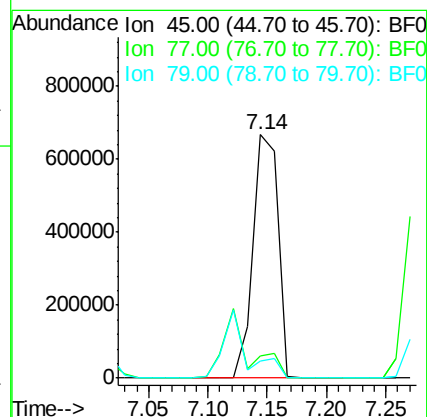
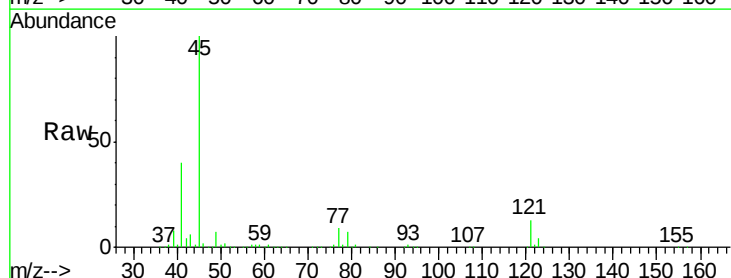
Tgt Ion: 45 Resp: 987093

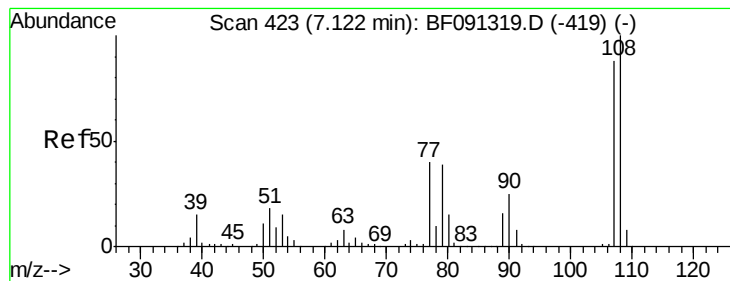
Ion Ratio Lower Upper

45 100

77 9.2 3.8 43.8

79 6.9 0.2 40.2

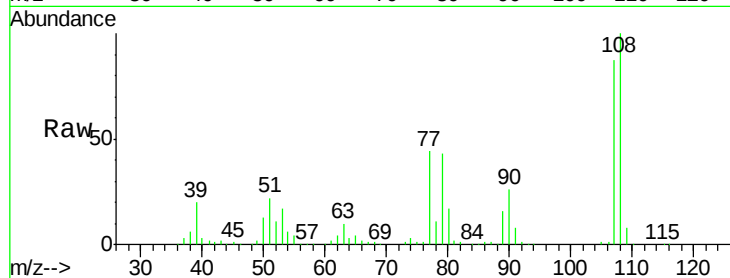




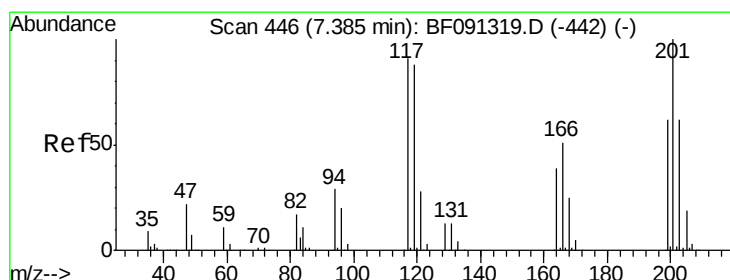
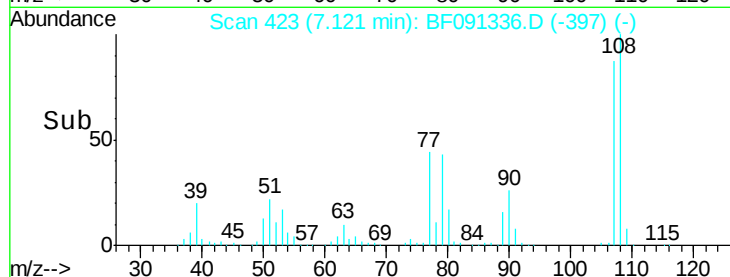
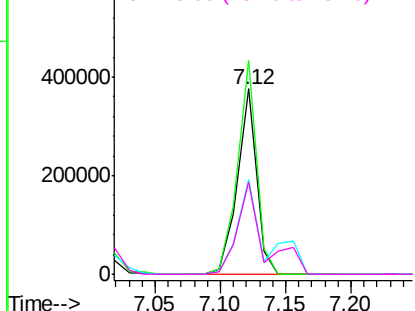
#17
2-Methylphenol
Concen: 41.98 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

Instrument :
BNA_F
ClientSampleId :
PB94947BS

Tgt Ion:107 Resp: 381520
Ion Ratio Lower Upper
107 100
108 115.3 67.7 101.5#
77 51.2 40.7 61.1
79 49.5 23.4 35.2#

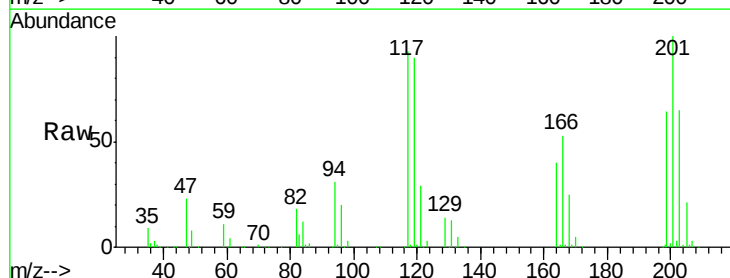


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

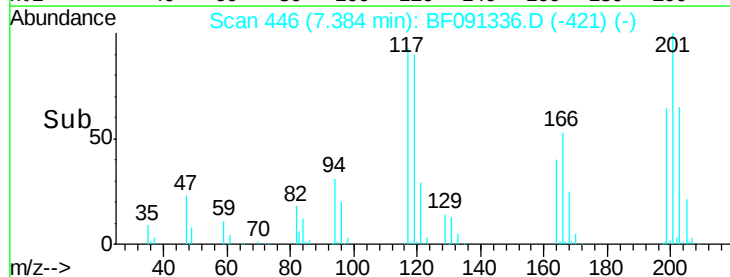
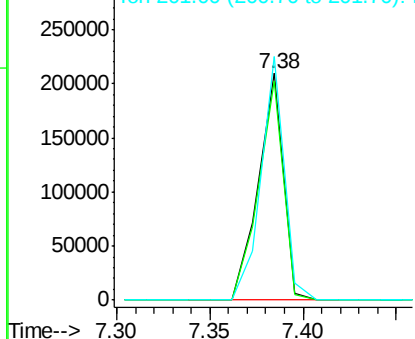


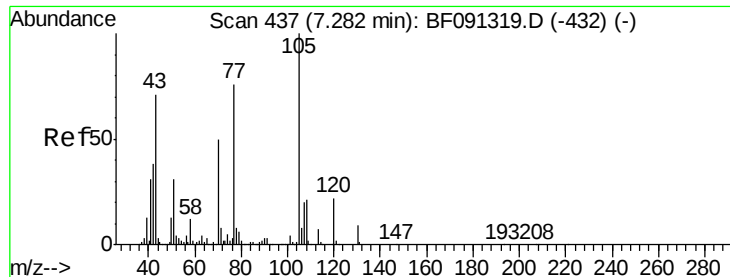
#18
Hexachloroethane
Concen: 43.65 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

Tgt Ion:117 Resp: 197148
Ion Ratio Lower Upper
117 100
119 97.0 78.6 118.0
201 107.4 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

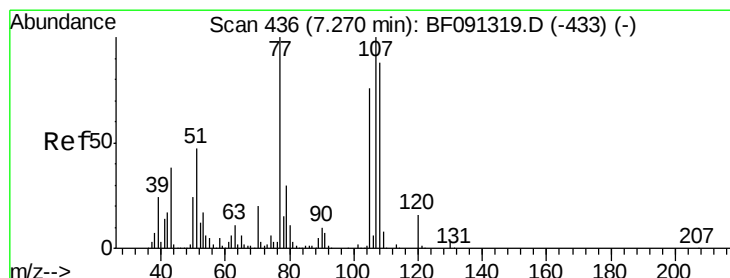
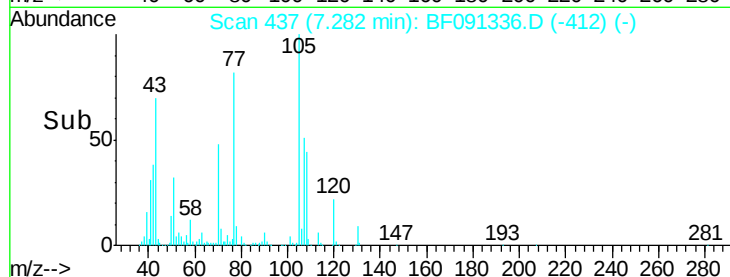
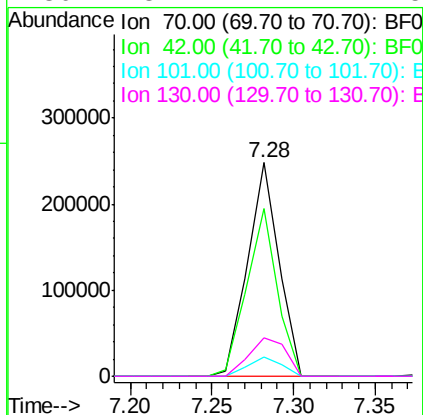
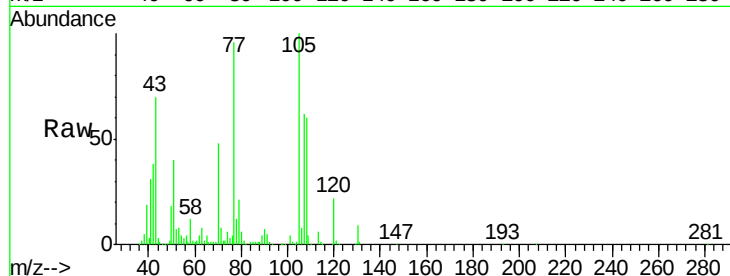




#19
n-Nitroso-di-n-propylamine
Concen: 40.59 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

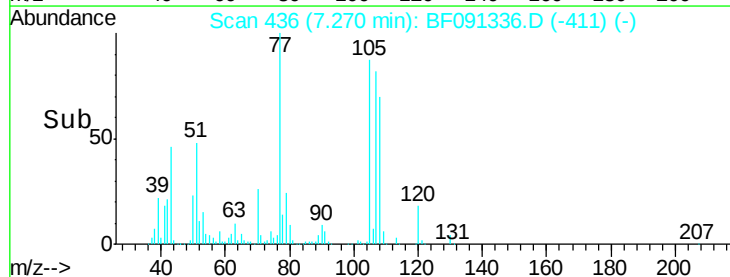
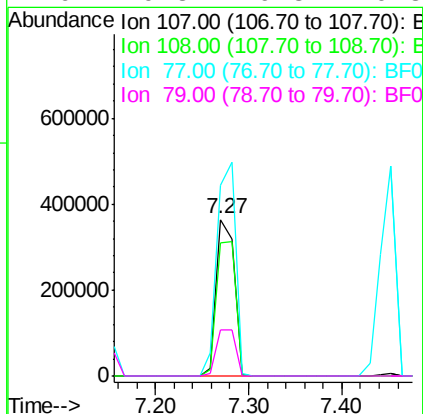
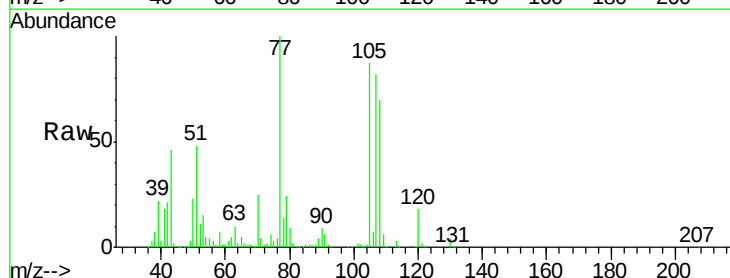
Instrument :
BNA_F
ClientSampleId :
PB94947BS

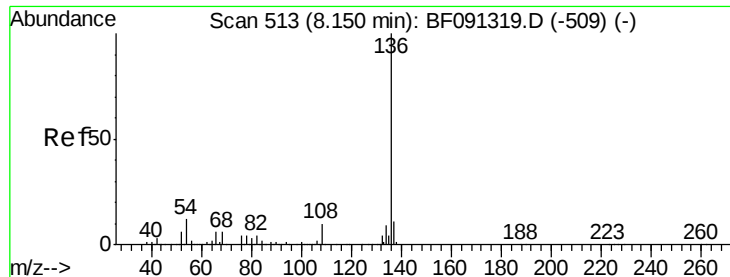
Tgt Ion: 70 Resp: 330111
Ion Ratio Lower Upper
70 100
42 78.7 64.8 97.2
101 9.1 6.2 9.4
130 18.2 11.7 17.5#



#20
3+4-Methylphenols
Concen: 43.79 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

Tgt Ion:107 Resp: 485836
Ion Ratio Lower Upper
107 100
108 85.2 64.6 104.6
77 122.0 30.9 70.9#
79 29.3 9.3 49.3

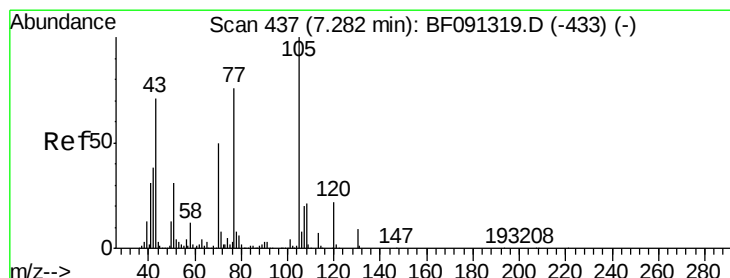
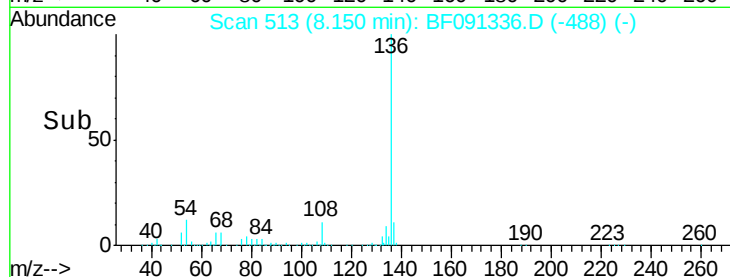
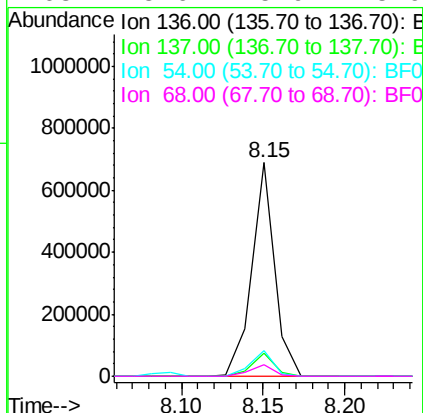
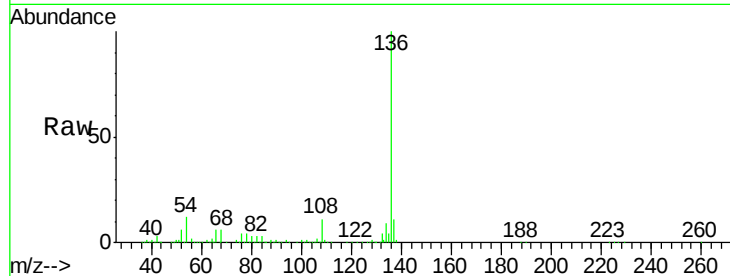




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

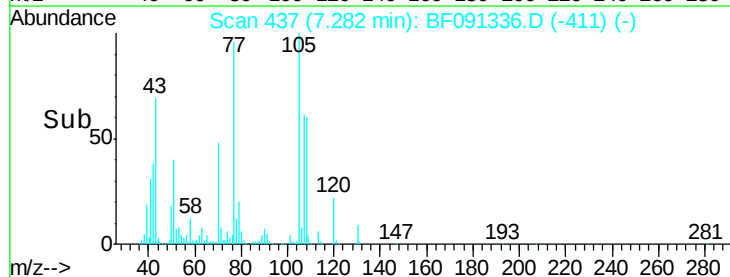
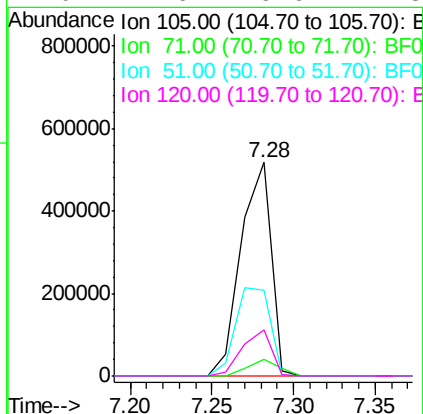
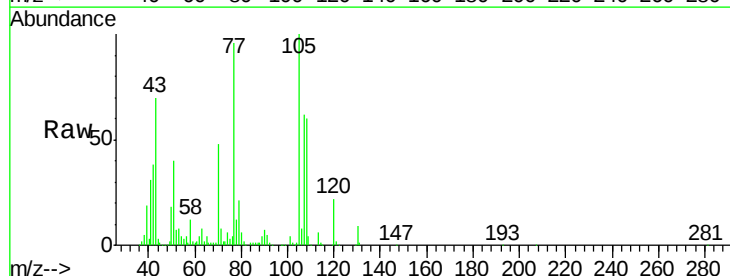
Instrument :
BNA_F
ClientSampleId :
PB94947BS

Tgt Ion:	136	Resp:	665952
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	12.1	9.1	13.7
68	5.6	5.9	8.9#



#22
Acetophenone
Concen: 42.01 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

Tgt Ion:	105	Resp:	663121
Ion Ratio	Lower	Upper	
105	100		
71	7.9	7.9	11.9#
51	40.3	24.5	36.7#
120	21.6	16.6	24.8

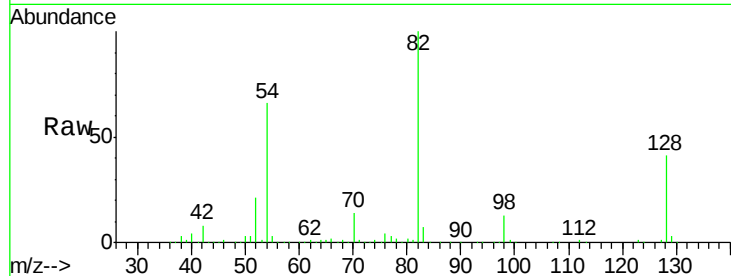




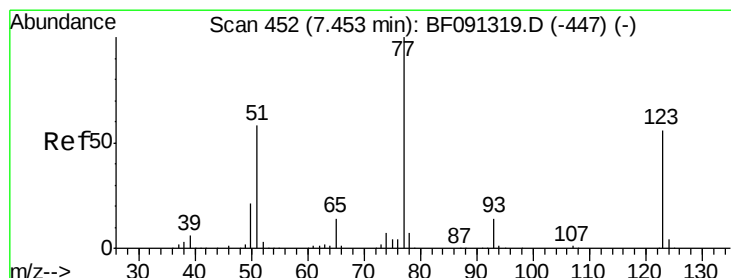
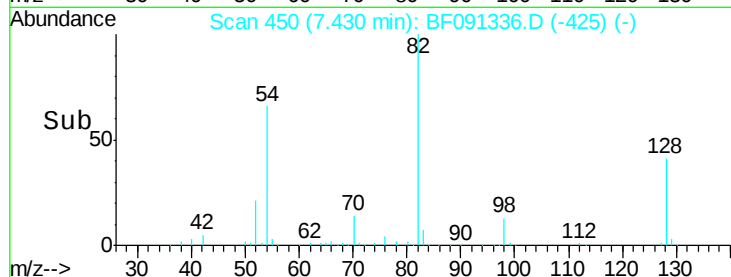
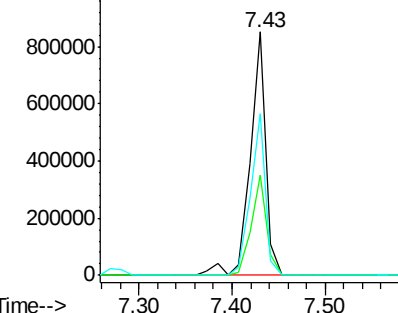
#23
Nitrobenzene-d5
Concen: 83.32 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

Instrument :
BNA_F
ClientSampleId :
PB94947BS

Tgt Ion: 82 Resp: 990164
Ion Ratio Lower Upper
82 100
128 41.4 31.8 47.6
54 66.5 49.1 73.7

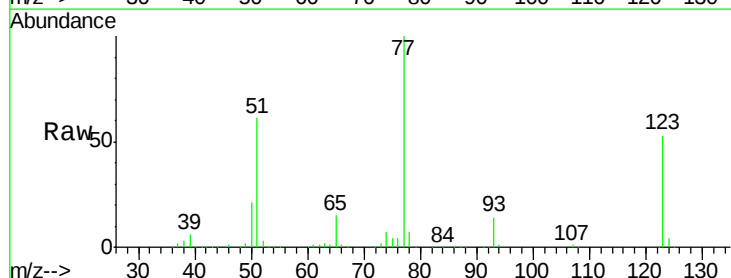


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

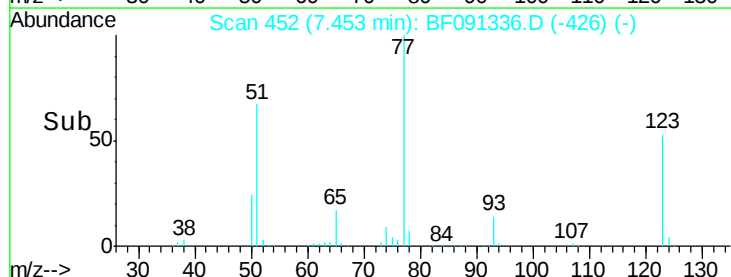
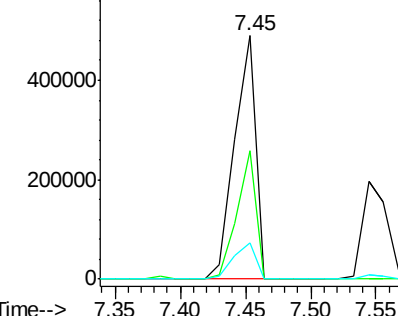


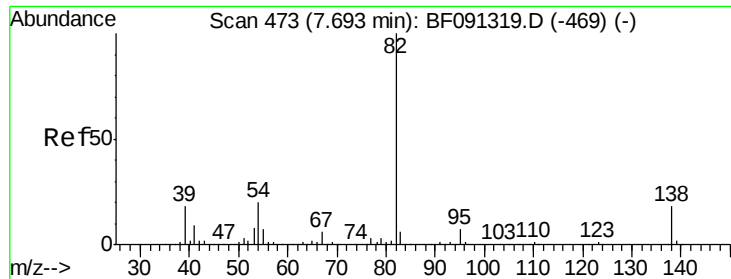
#24
Nitrobenzene
Concen: 45.43 ng
RT: 7.45 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

Tgt Ion: 77 Resp: 552703
Ion Ratio Lower Upper
77 100
123 52.9 28.5 42.7#
65 15.0 12.5 18.7



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





#25

Isophorone

Concen: 46.02 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

Instrument :

BNA_F

ClientSampleId :

PB94947BS

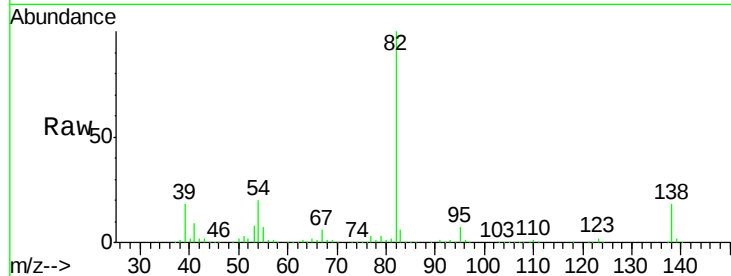
Tgt Ion: 82 Resp: 968953

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

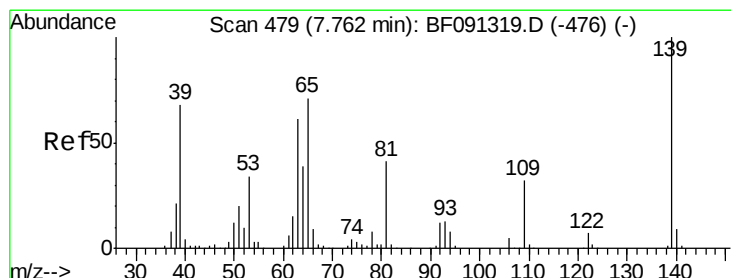
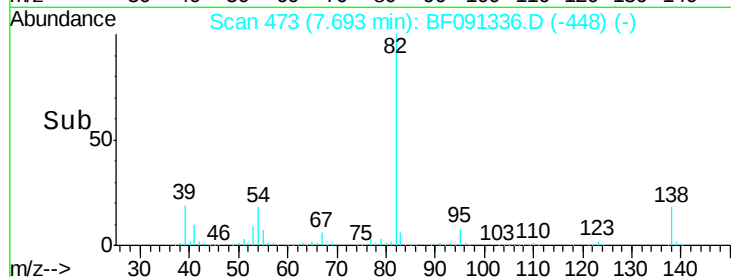
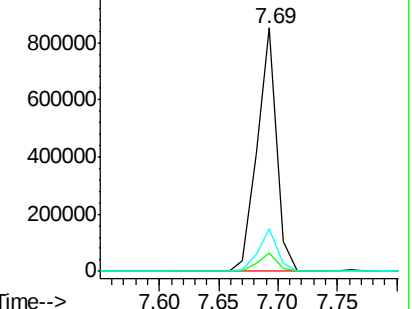
138 17.7 13.4 20.0



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: 43.23 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

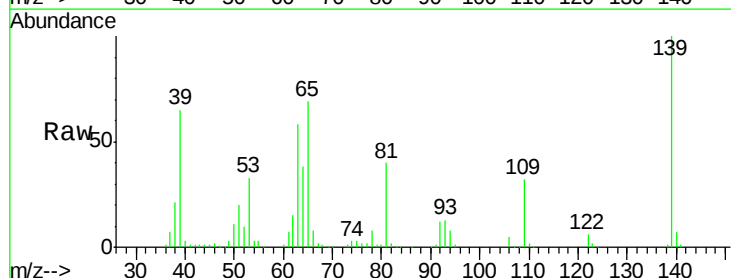
Tgt Ion: 139 Resp: 239706

Ion Ratio Lower Upper

139 100

109 31.8 25.3 37.9

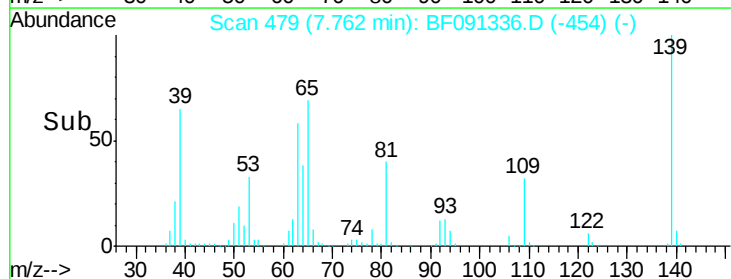
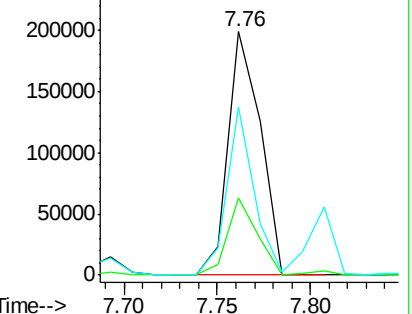
65 69.2 55.4 83.2

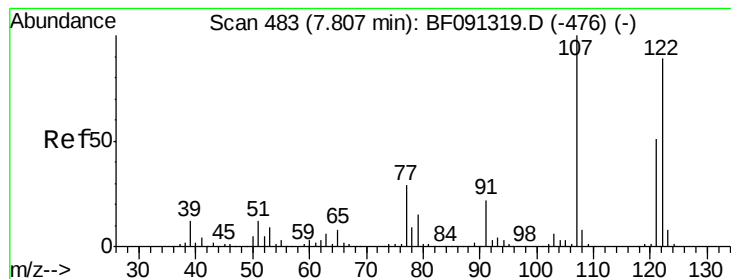


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

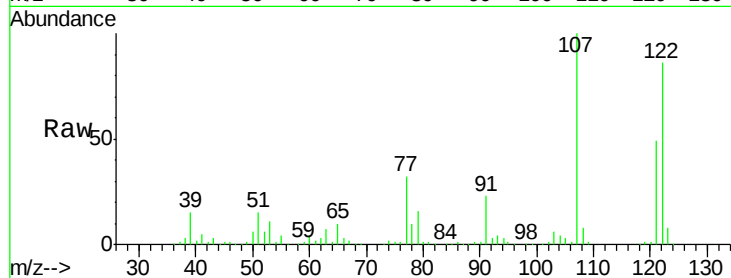




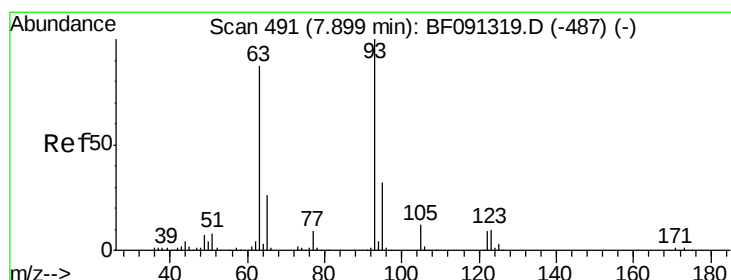
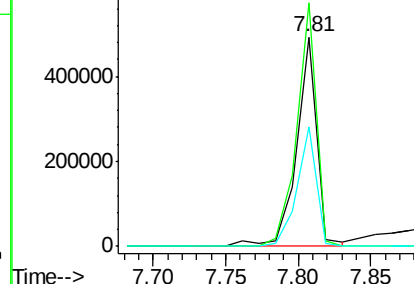
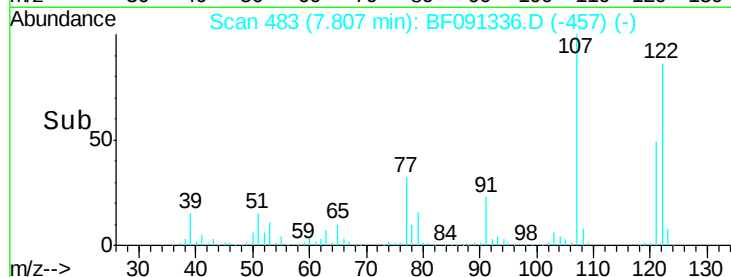
#27
 2,4-Dimethylphenol
 Concen: 45.95 ng
 RT: 7.81 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94947BS

Tgt Ion: 122 Resp: 476592
 Ion Ratio Lower Upper
 122 100
 107 116.3 96.8 145.2
 121 57.2 47.7 71.5

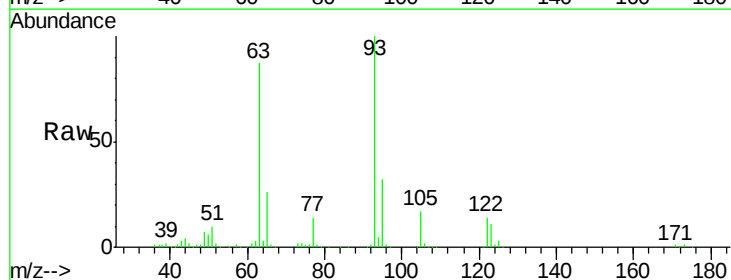


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

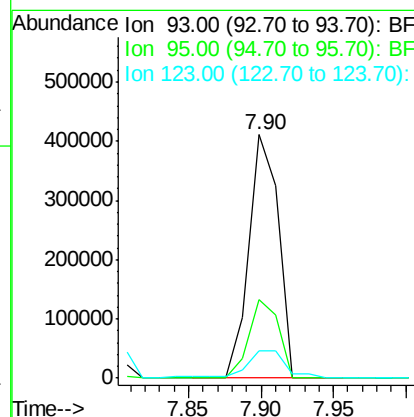
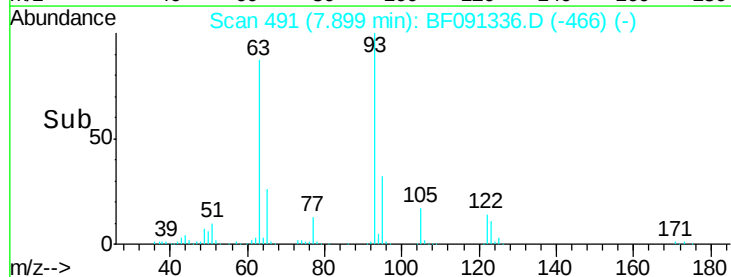


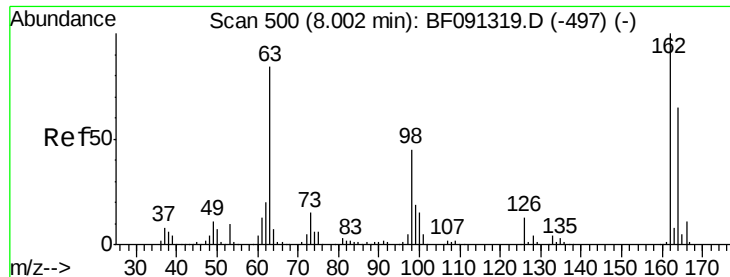
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.46 ng
 RT: 7.90 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Tgt Ion: 93 Resp: 576041
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.0 39.0
 123 11.0 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

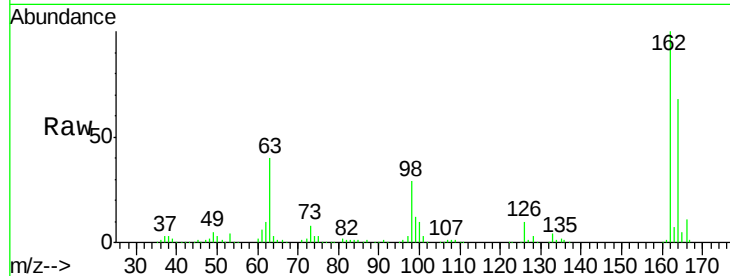




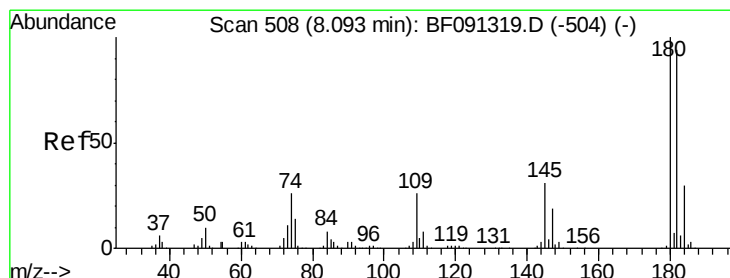
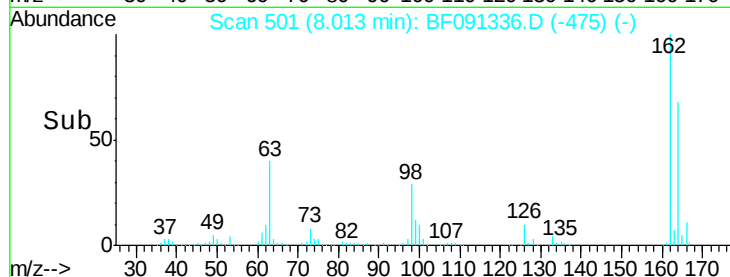
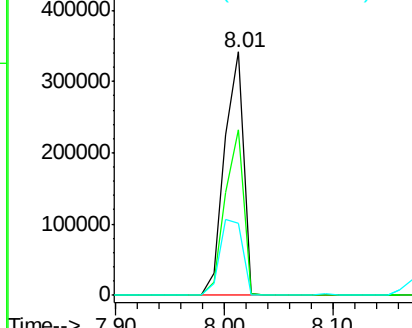
#29
 2,4-Dichlorophenol
 Concen: 45.26 ng
 RT: 8.01 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94947BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.2	45.0	85.0
98	29.5	21.3	61.3

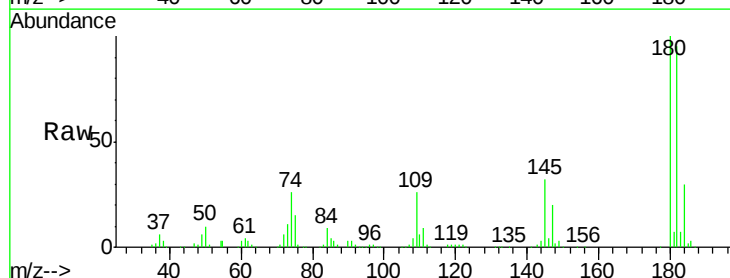


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

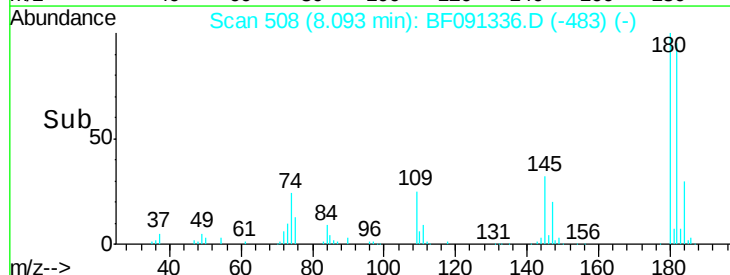
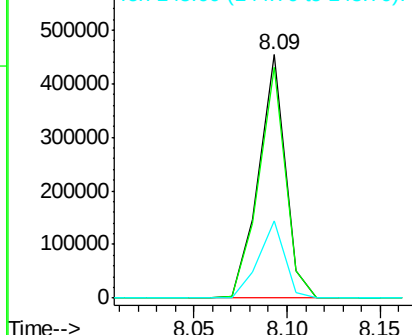


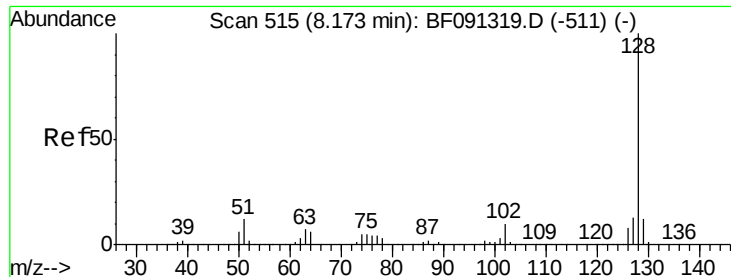
#30
 1,2,4-Trichlorobenzene
 Concen: 43.95 ng
 RT: 8.09 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.8
145	31.9	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

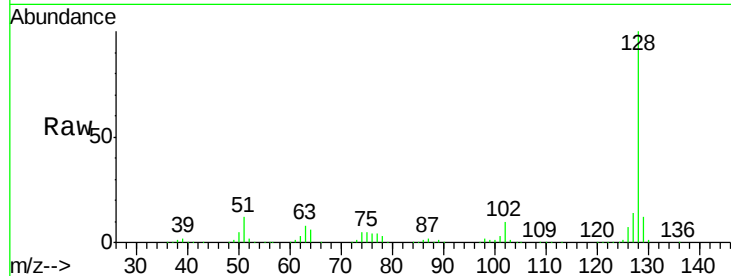




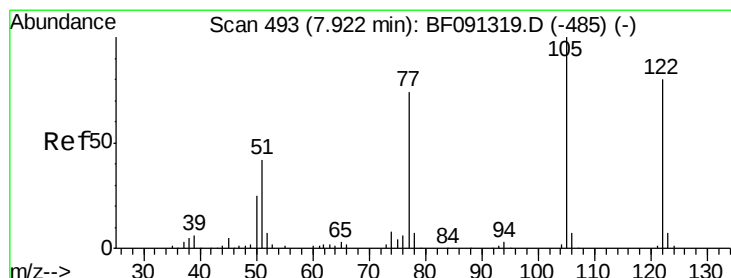
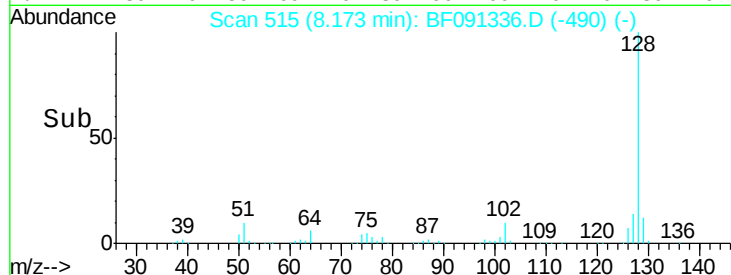
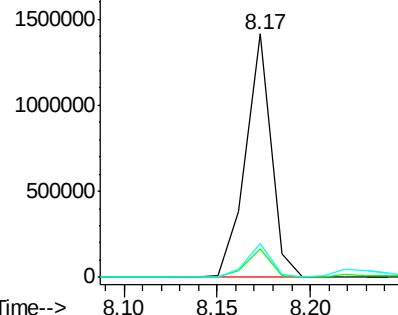
#31
Naphthalene
Concen: 42.04 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

Instrument :
BNA_F
ClientSampleId :
PB94947BS

Tgt Ion:128 Resp: 1330699
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.7 11.0 16.4

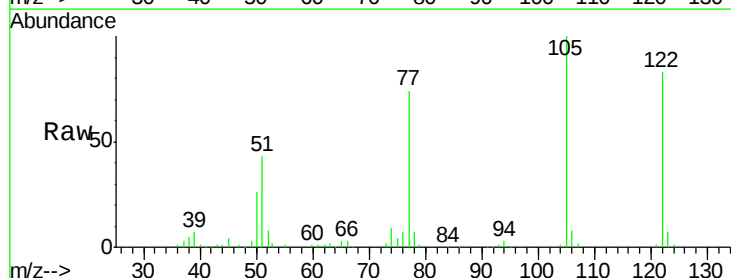


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

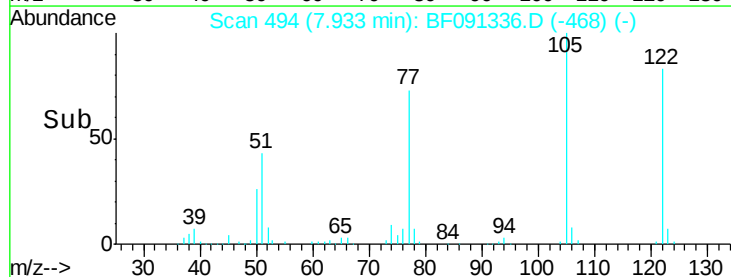
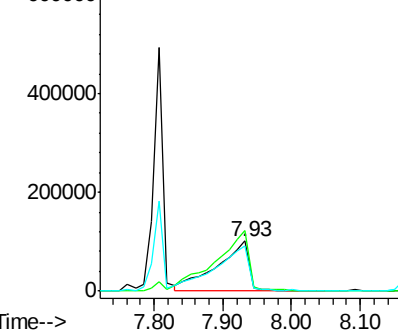


#32
Benzoic acid
Concen: 43.23 ng
RT: 7.93 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

Tgt Ion:122 Resp: 330511
Ion Ratio Lower Upper
122 100
105 120.6 113.0 153.0
77 89.7 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

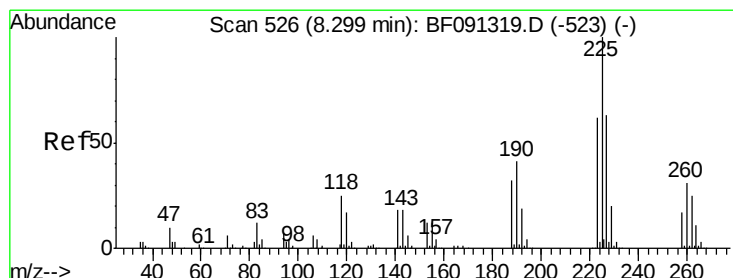
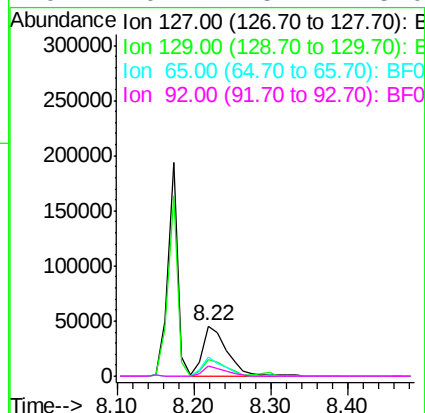
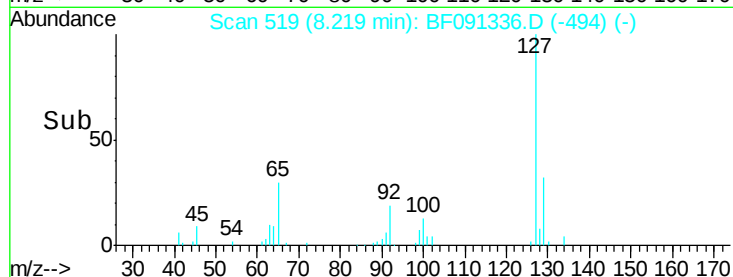
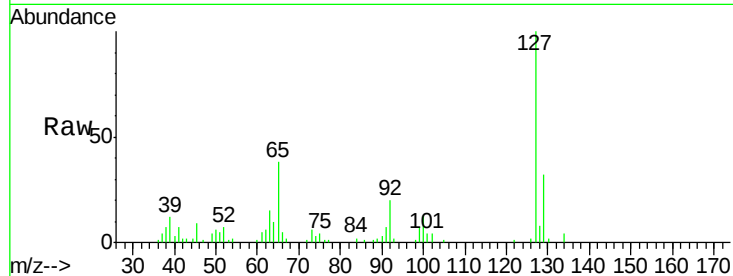




#33
4-Chloroaniline
Concen: 7.47 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

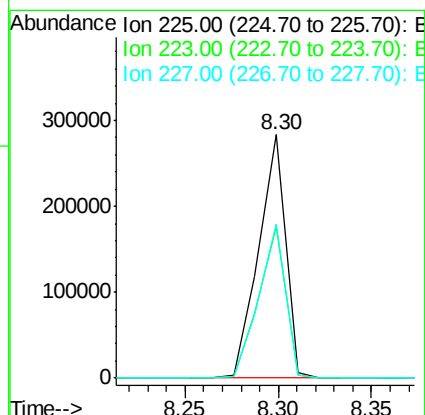
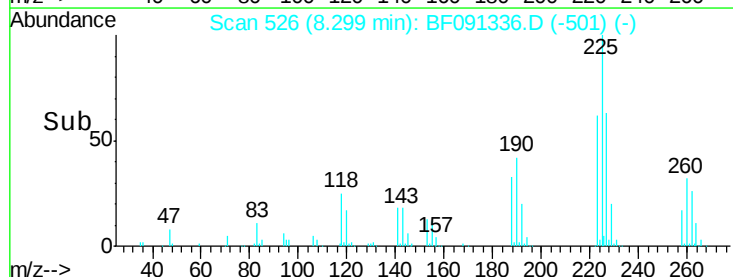
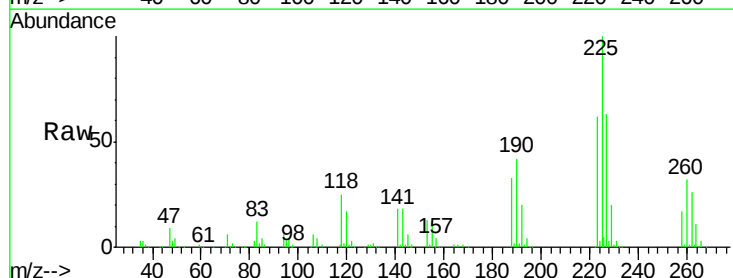
Instrument :
BNA_F
ClientSampleId :
PB94947BS

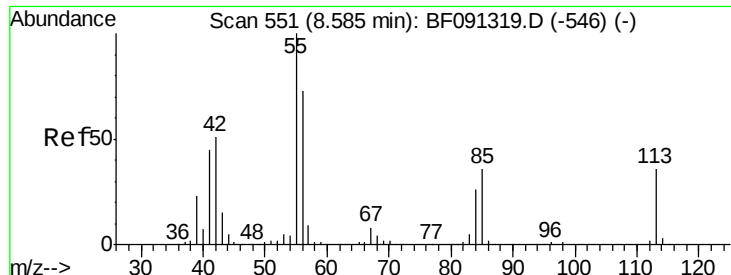
Tgt Ion:	127	Resp:	101028
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	38.3	26.6	39.8
92	19.7	15.4	23.0



#34
Hexachlorobutadiene
Concen: 44.87 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

Tgt Ion:	225	Resp:	282222
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	63.4	52.6	79.0

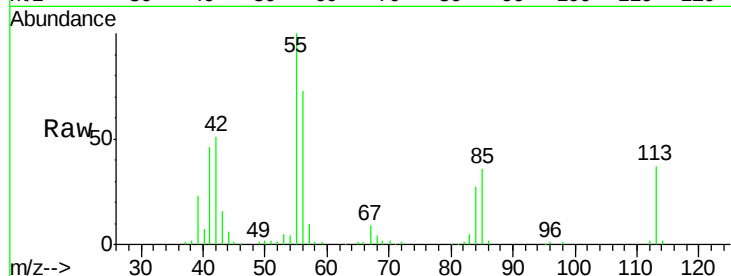




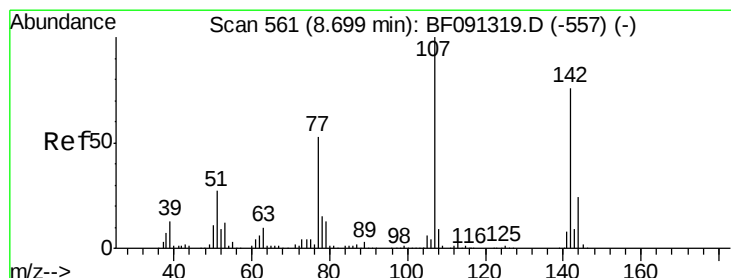
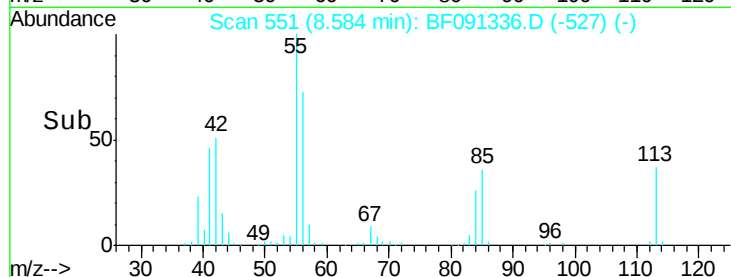
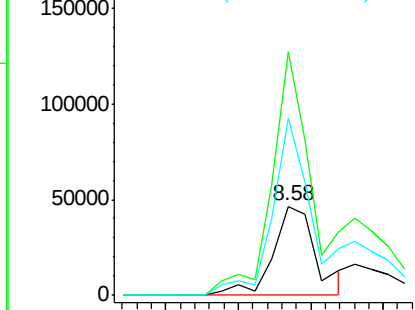
#35
 Caprolactam
 Concen: 36.33 ng
 RT: 8.58 min Scan# 551
 Delta R.T. -0.03 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94947BS

Tgt Ion:113 Resp: 95272
 Ion Ratio Lower Upper
 113 100
 55 272.6 239.8 279.8
 56 198.6 165.6 205.6

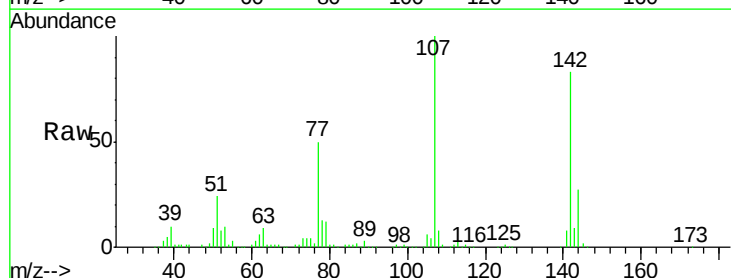


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

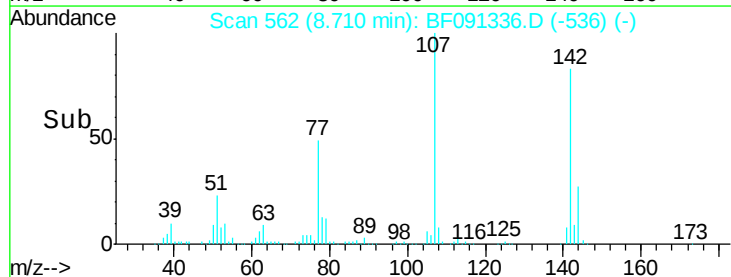
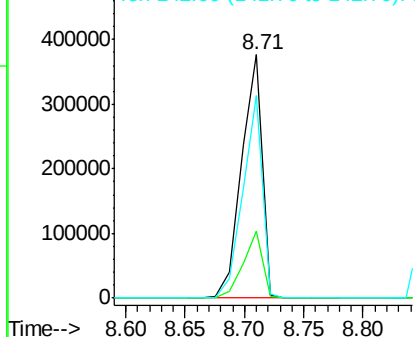


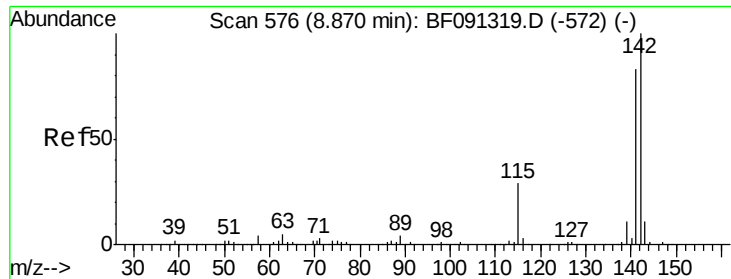
#36
 4-Chloro-3-methylphenol
 Concen: 46.43 ng
 RT: 8.71 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Tgt Ion:107 Resp: 457392
 Ion Ratio Lower Upper
 107 100
 144 27.3 18.9 28.3
 142 83.3 58.5 87.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

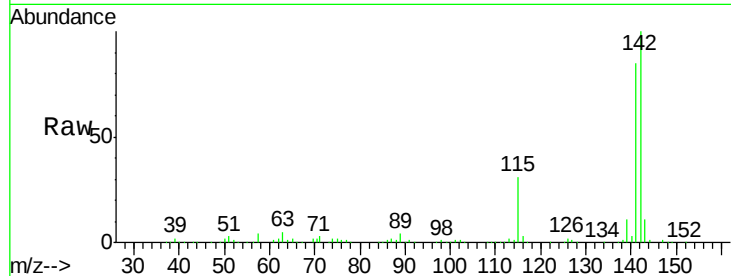




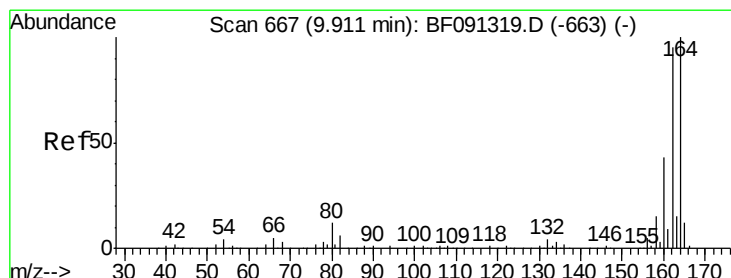
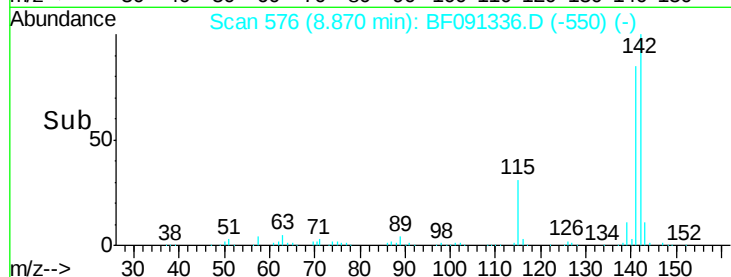
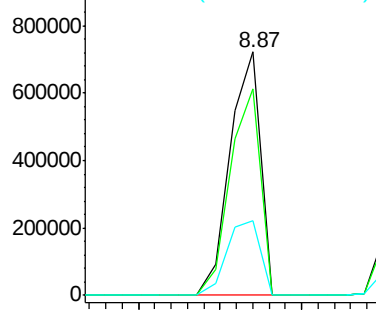
#37
 2-Methylnaphthalene
 Concen: 43.56 ng
 RT: 8.87 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94947BS

Tgt Ion:142 Resp: 936680
 Ion Ratio Lower Upper
 142 100
 141 84.7 71.7 107.5
 115 30.9 25.0 37.6

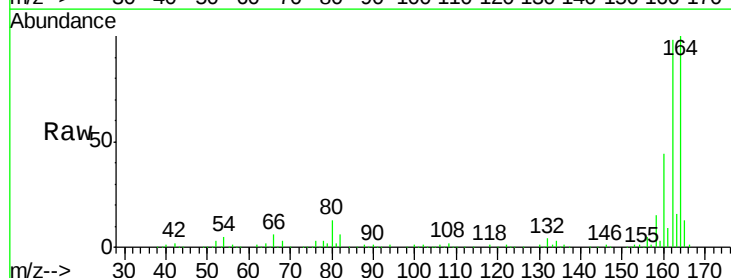


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

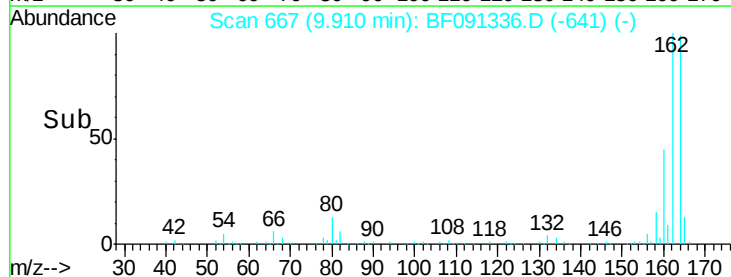
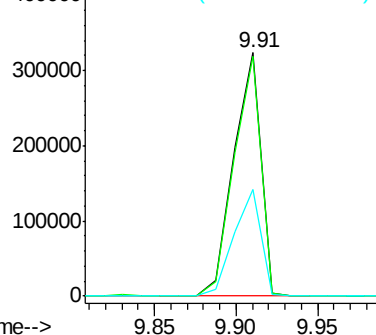


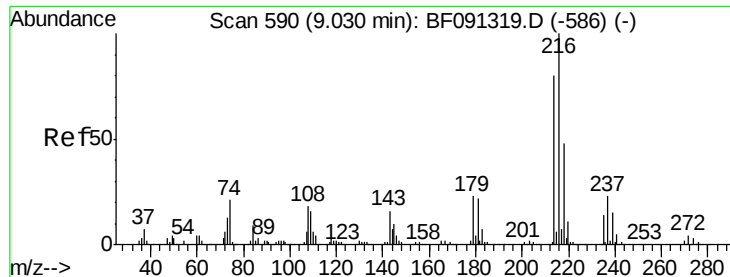
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Tgt Ion:164 Resp: 374999
 Ion Ratio Lower Upper
 164 100
 162 98.5 82.6 124.0
 160 44.0 36.7 55.1



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.65 ng

RT: 9.03 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

Instrument :

BNA_F

ClientSampleId :

PB94947BS

Tgt Ion:216 Resp: 387426

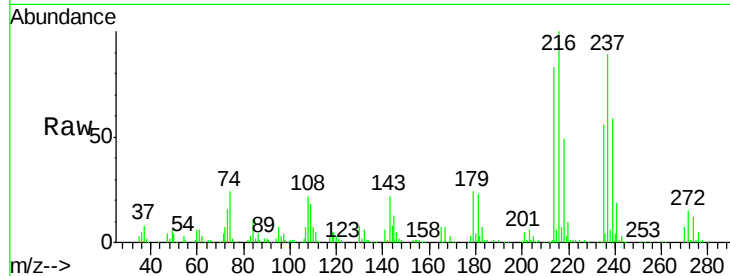
Ion Ratio Lower Upper

216 100

214 81.7 63.8 95.8

179 22.1 18.2 27.2

108 22.3 17.2 25.8

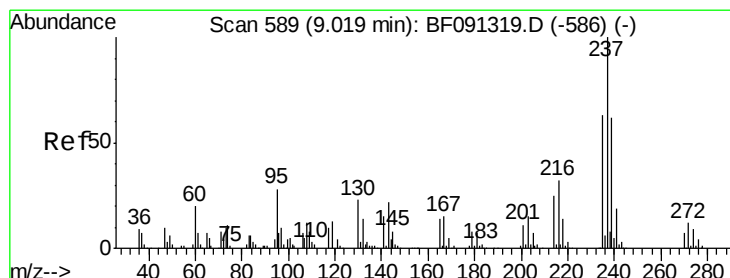
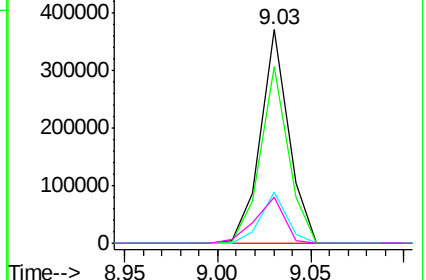
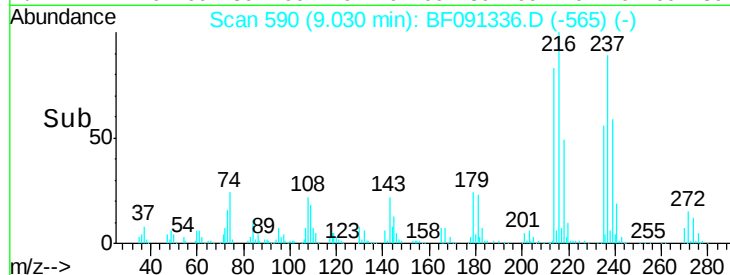


Abundance Ion 216.00 (215.70 to 216.70): E

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: 110.91 ng

RT: 9.02 min Scan# 589

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

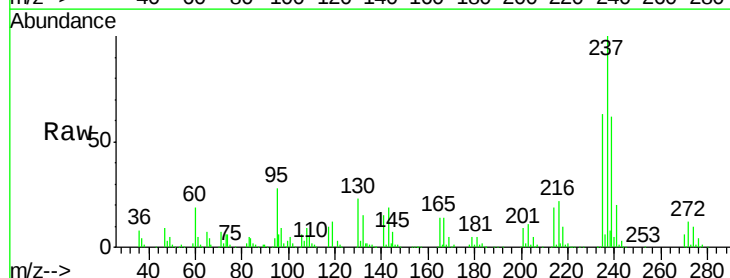
Tgt Ion:237 Resp: 543501

Ion Ratio Lower Upper

237 100

235 63.2 43.9 83.9

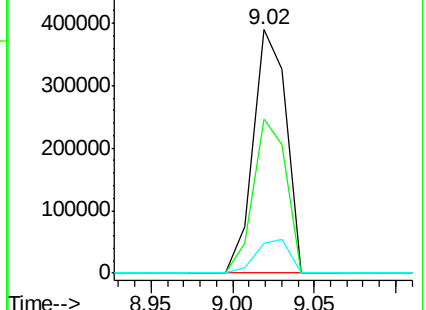
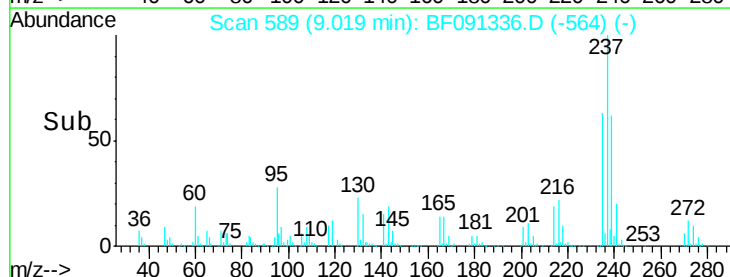
272 12.1 0.0 33.1

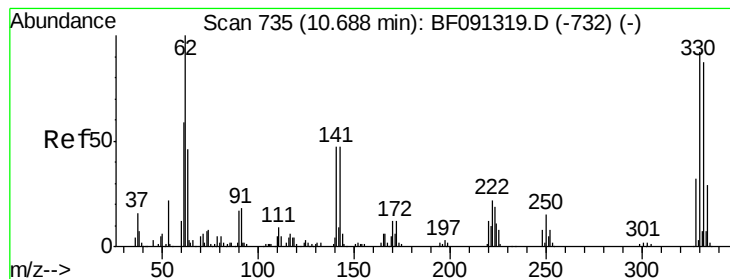


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 136.66 ng

RT: 10.70 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

Instrument :

BNA_F

ClientSampleId :

PB94947BS

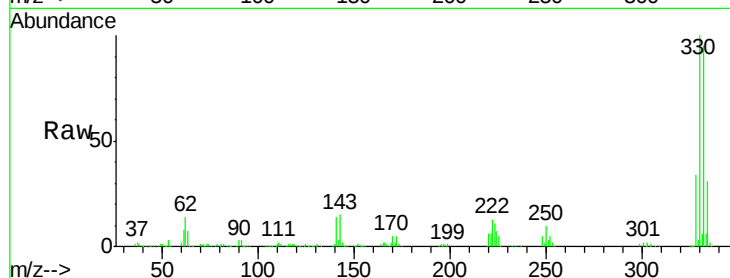
Tgt Ion:330 Resp: 485159

Ion Ratio Lower Upper

330 100

332 95.0 76.2 114.4

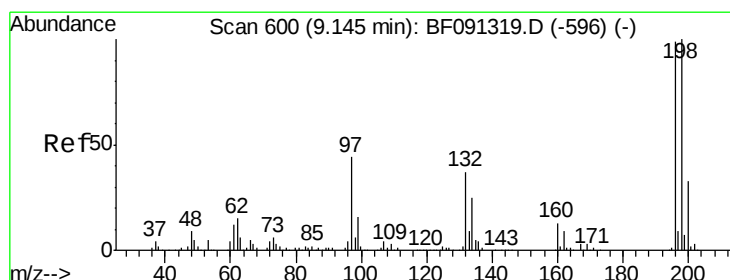
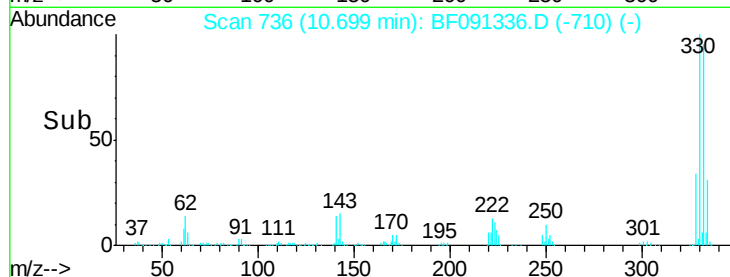
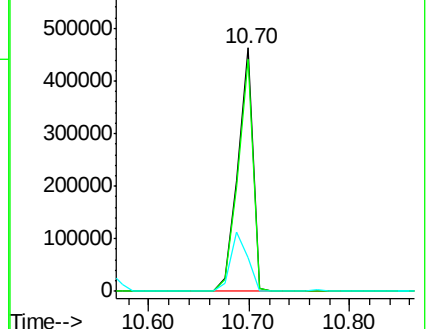
141 27.8 33.6 50.4#



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: 47.33 ng

RT: 9.14 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

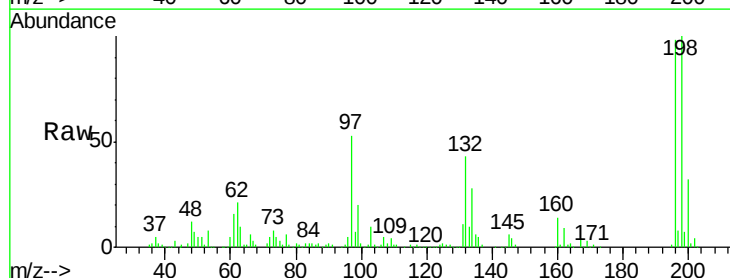
Tgt Ion:196 Resp: 325189

Ion Ratio Lower Upper

196 100

198 102.1 77.4 116.0

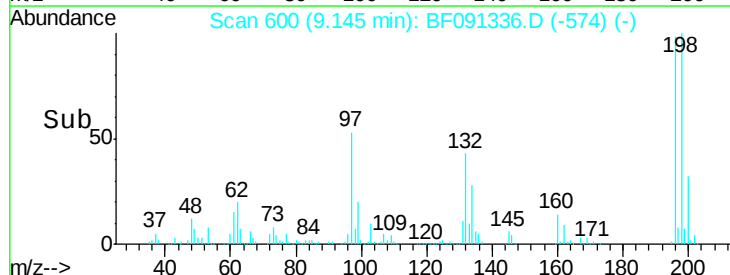
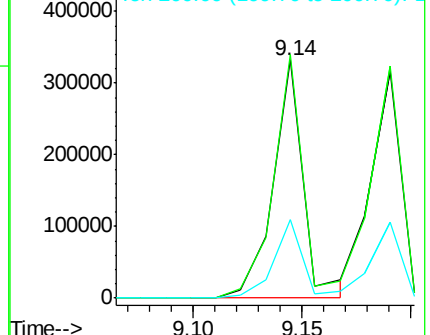
200 32.7 25.2 37.8

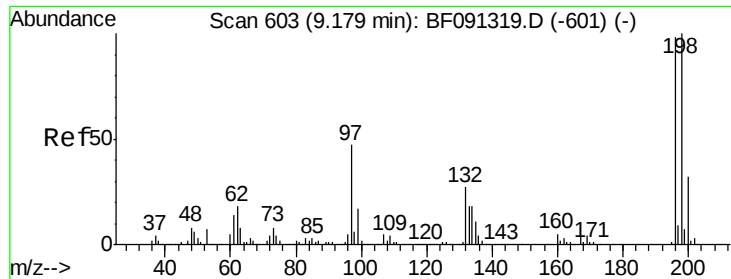


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

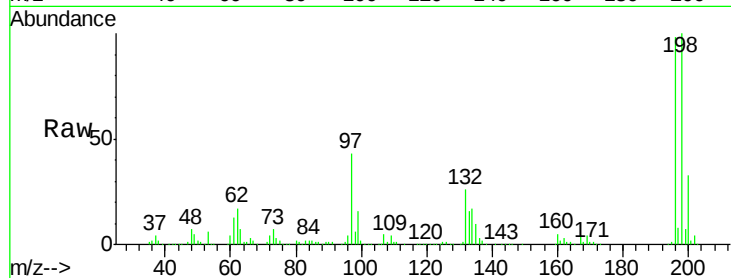




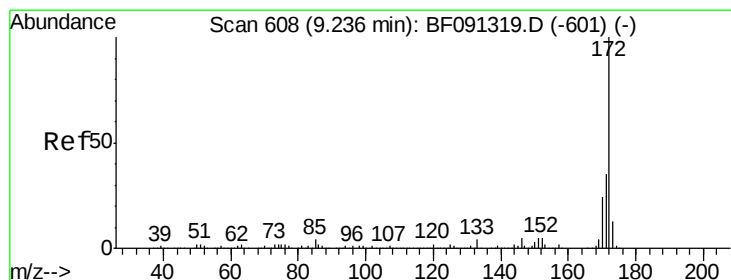
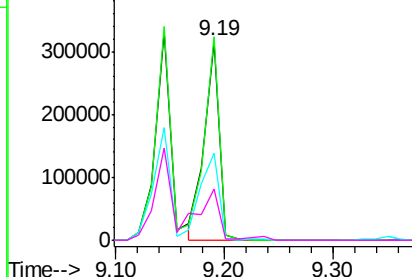
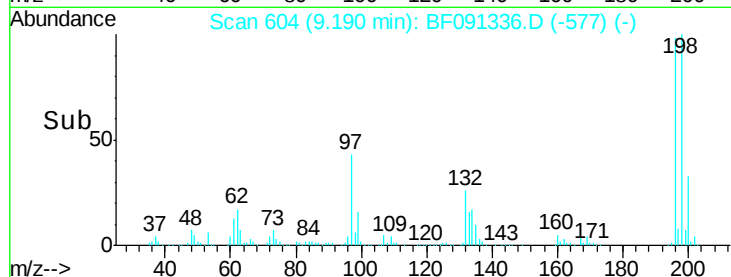
#43
 2,4,5-Trichlorophenol
 Concen: 44.06 ng
 RT: 9.19 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94947BS

Tgt Ion:196 Resp: 303396
 Ion Ratio Lower Upper
 196 100
 198 102.3 77.0 115.6
 97 43.9 33.5 50.3
 132 26.1 20.5 30.7

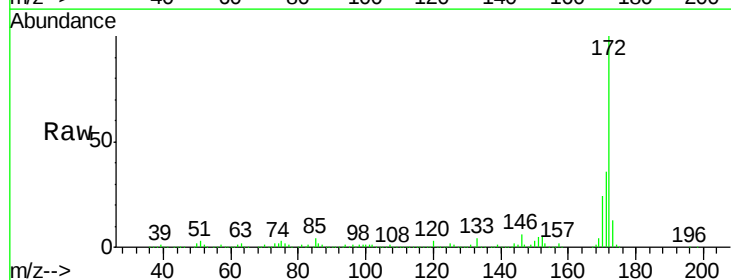


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

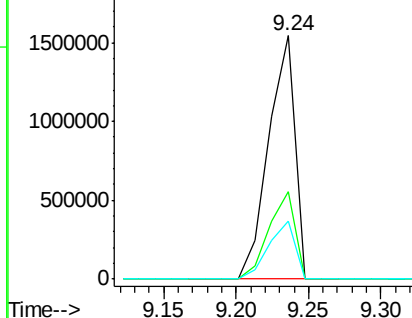
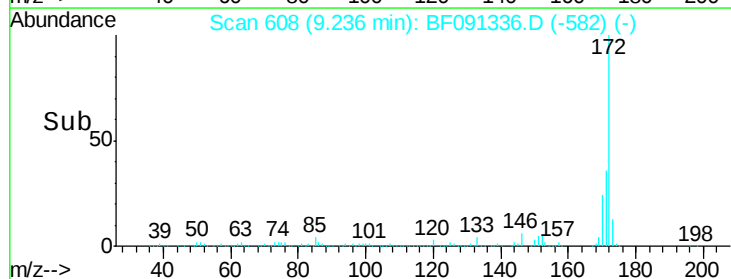


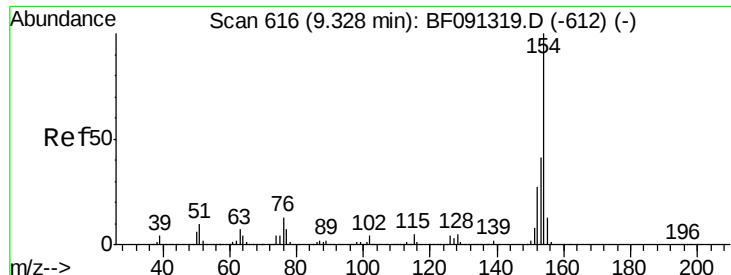
#44
 2-Fluorobiphenyl
 Concen: 93.71 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Tgt Ion:172 Resp: 1940856
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 23.7 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

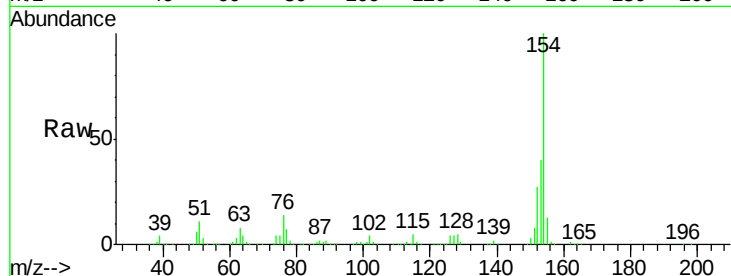




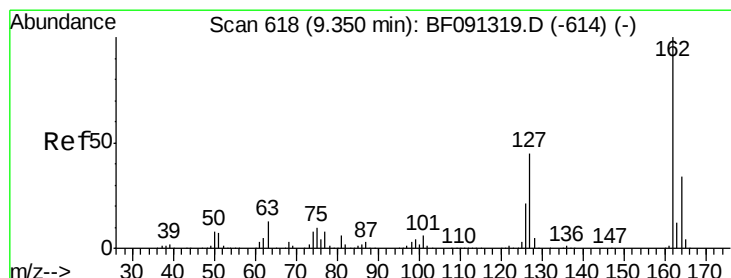
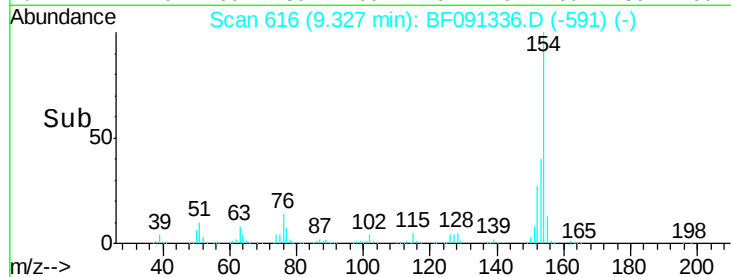
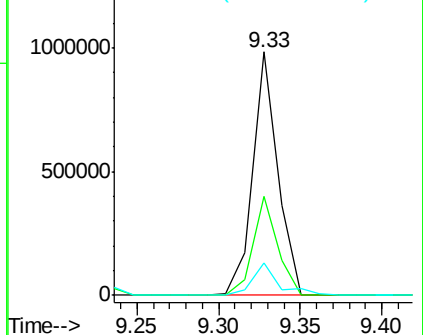
#45
 1,1'-Biphenyl
 Concen: 38.83 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94947BS

Tgt Ion:154 Resp: 1047165
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.6 60.6
 76 13.5 0.0 36.6

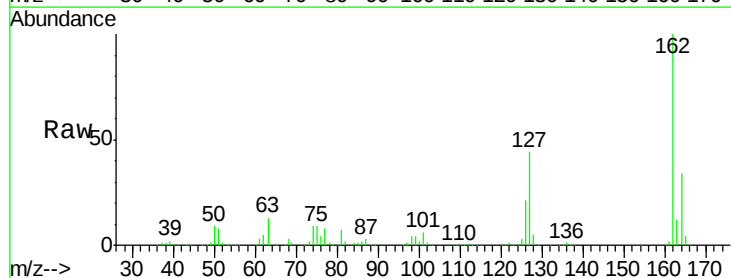


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

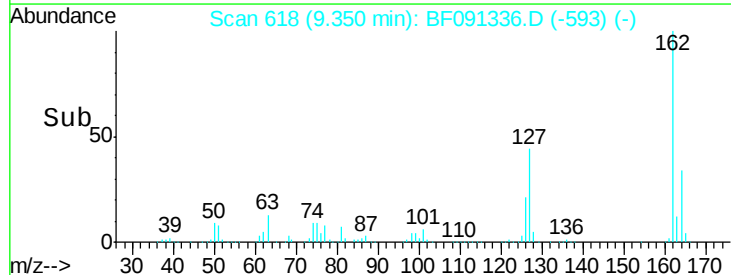
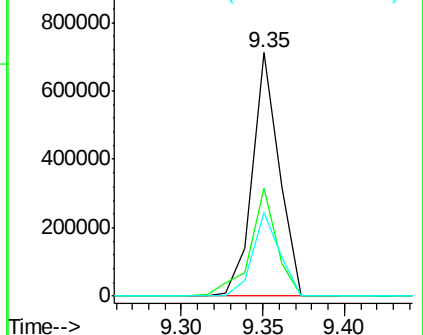


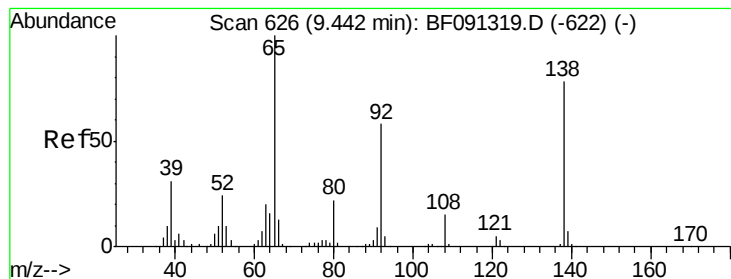
#46
 2-Chloronaphthalene
 Concen: 40.36 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Tgt Ion:162 Resp: 810574
 Ion Ratio Lower Upper
 162 100
 127 44.3 34.3 51.5
 164 34.2 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: 38.82 ng

RT: 9.44 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

Instrument :

BNA_F

ClientSampleId :

PB94947BS

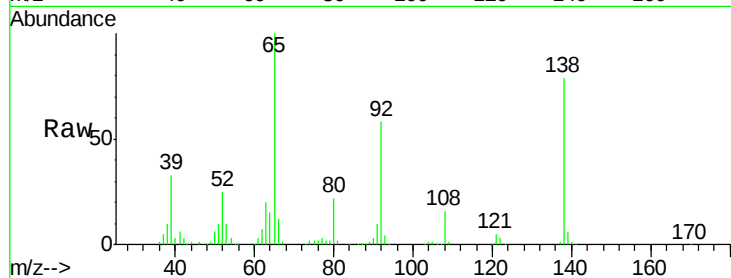
Tgt Ion: 65 Resp: 280020

Ion Ratio Lower Upper

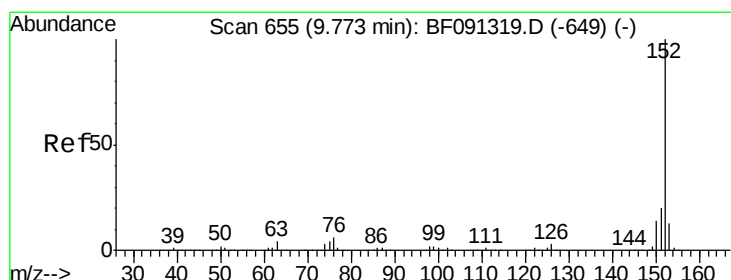
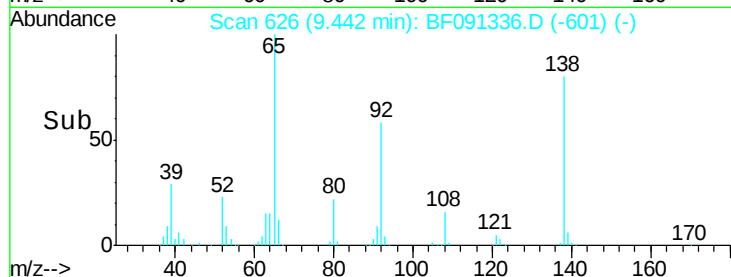
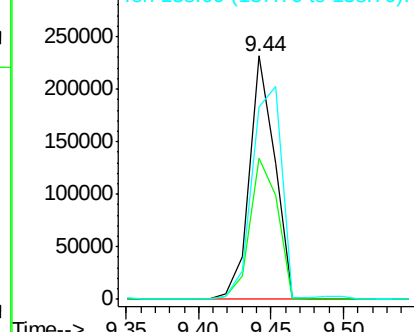
65 100

92 57.9 53.6 80.4

138 78.9 91.0 136.6#



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



#48

Acenaphthylene

Concen: 42.72 ng

RT: 9.77 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

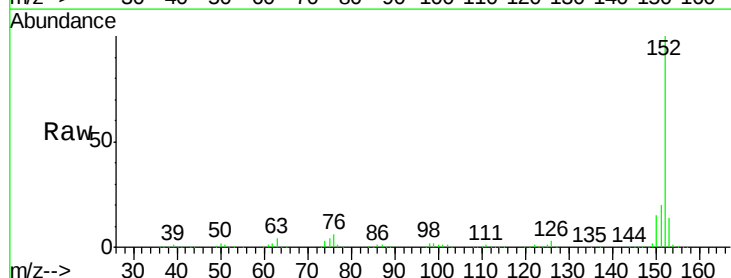
Tgt Ion: 152 Resp: 1350621

Ion Ratio Lower Upper

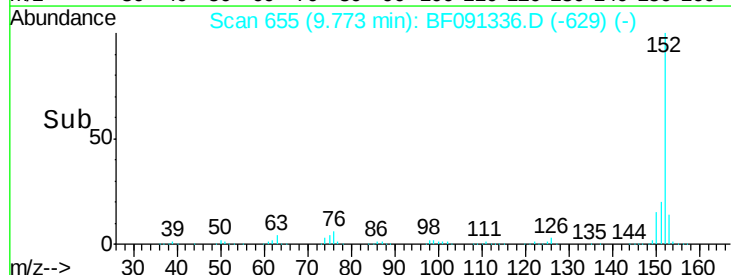
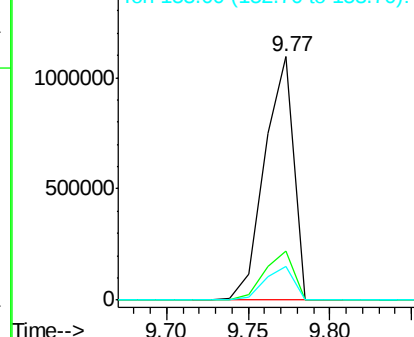
152 100

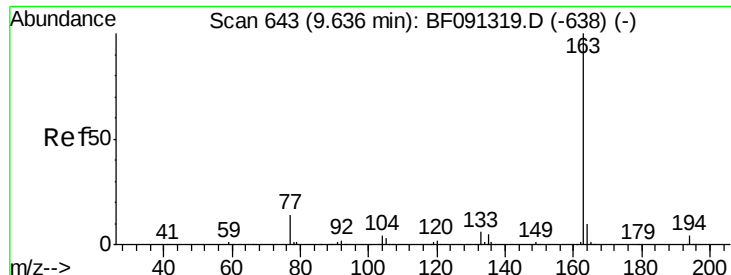
151 20.2 16.6 24.8

153 13.9 10.7 16.1



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

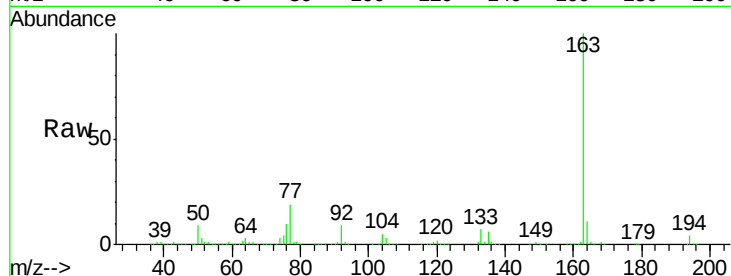




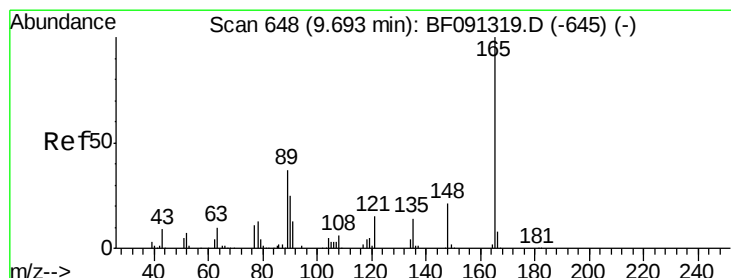
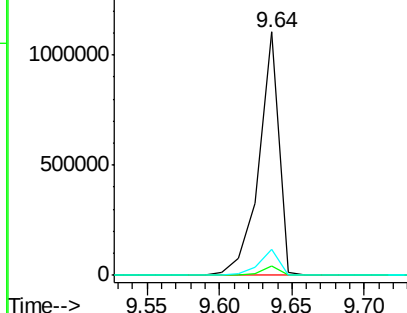
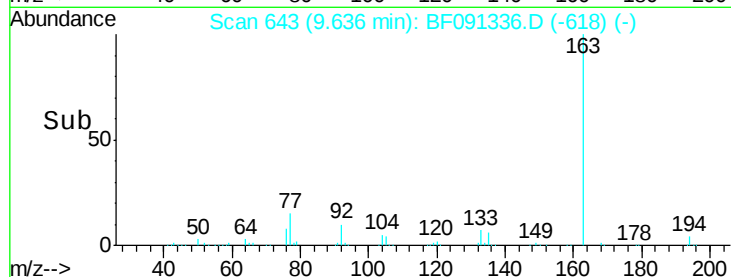
#49
Dimethylphthalate
Concen: 46.43 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

Instrument :
BNA_F
ClientSampleId :
PB94947BS

Tgt Ion:163 Resp: 1054329
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.6 7.8 11.8

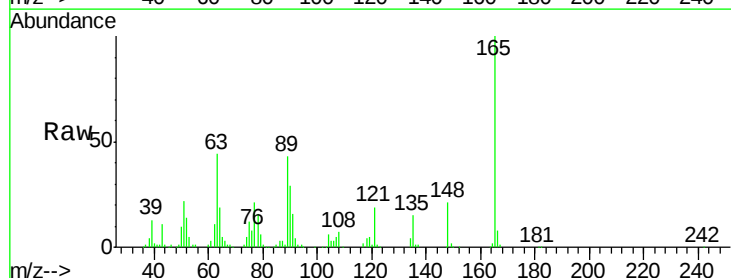


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

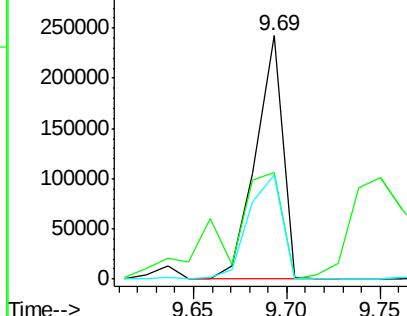
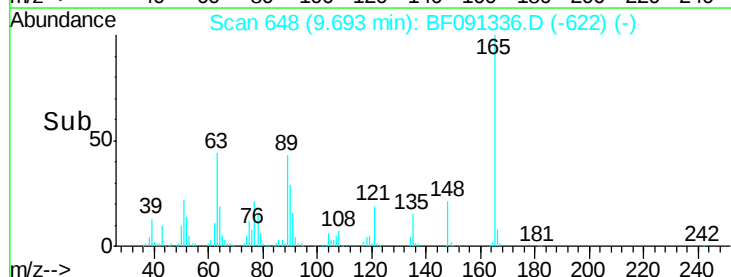


#50
2,6-Dinitrotoluene
Concen: 49.08 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

Tgt Ion:165 Resp: 249088
Ion Ratio Lower Upper
165 100
63 43.8 59.4 89.0#
89 42.9 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: 47.99 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

Instrument :

BNA_F

ClientSampleId :

PB94947BS

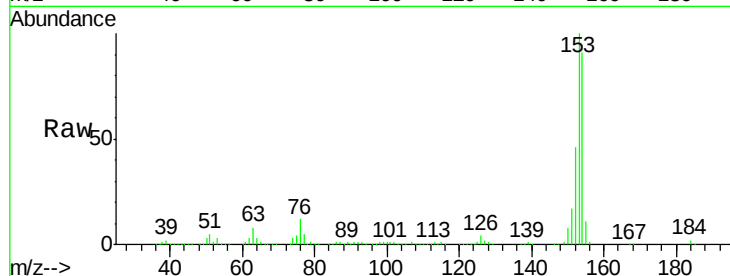
Tgt Ion:154 Resp: 1023199

Ion Ratio Lower Upper

154 100

153 110.3 91.0 136.6

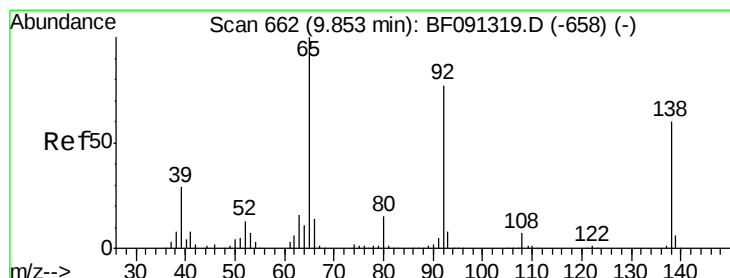
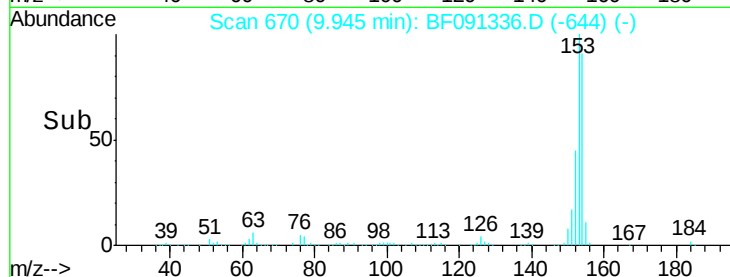
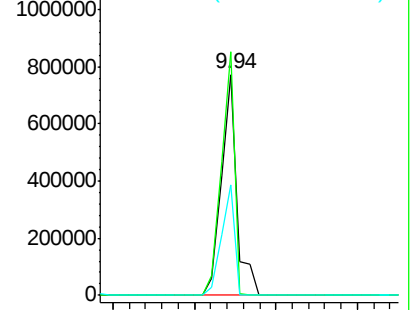
152 50.2 44.2 66.2



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: 19.75 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

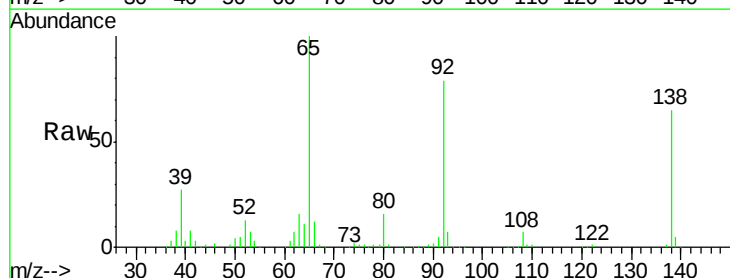
Tgt Ion:138 Resp: 116044

Ion Ratio Lower Upper

138 100

108 10.6 8.1 12.1

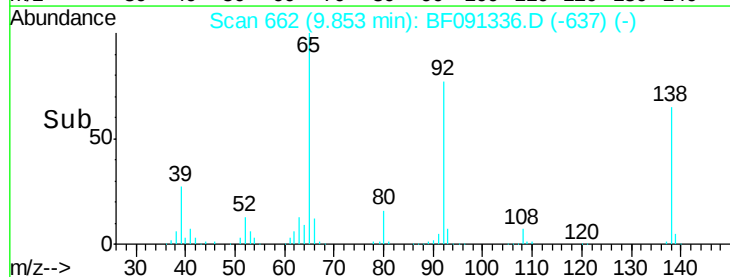
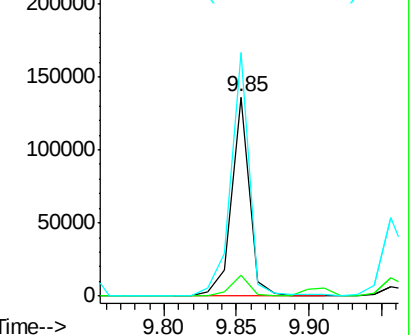
92 122.3 92.5 138.7

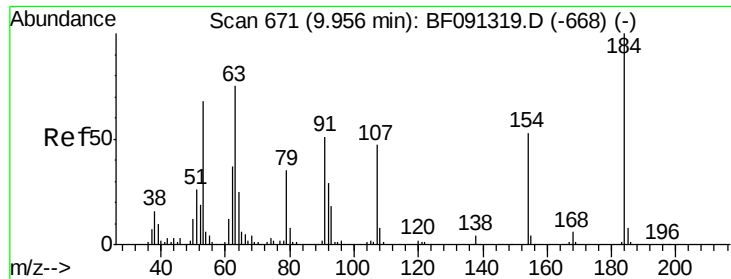


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

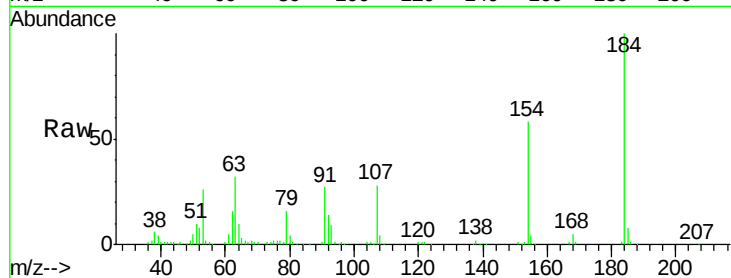




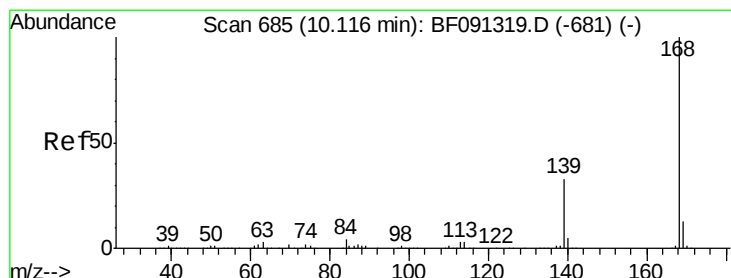
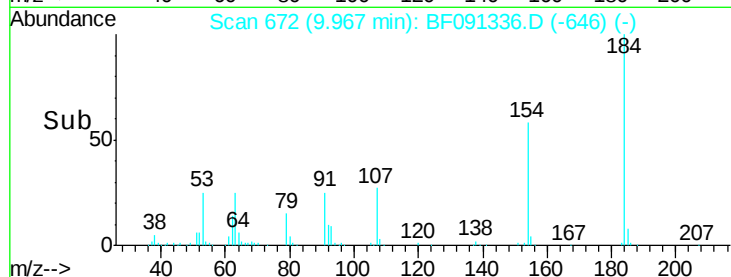
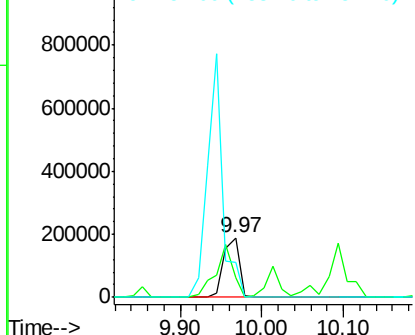
#53
2,4-Dinitrophenol
Concen: 115.50 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

Instrument :
BNA_F
ClientSampleId :
PB94947BS

Tgt Ion:184 Resp: 256342
Ion Ratio Lower Upper
184 100
63 32.1 58.3 87.5#
154 58.4 48.6 73.0

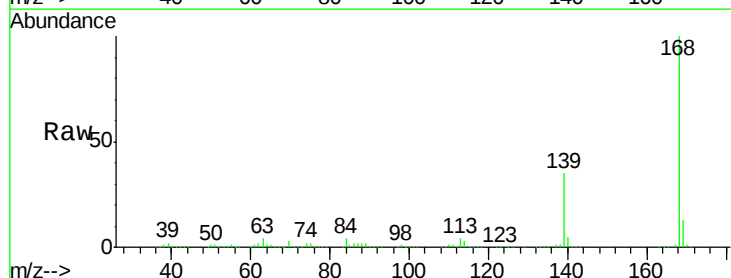


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

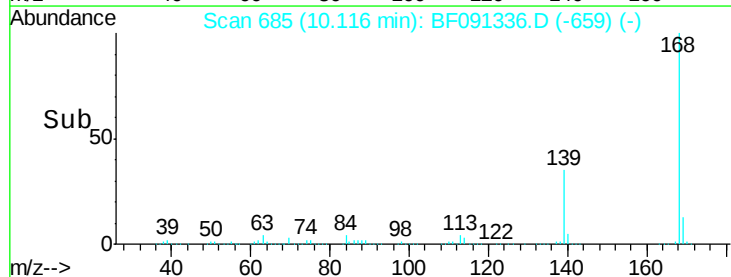
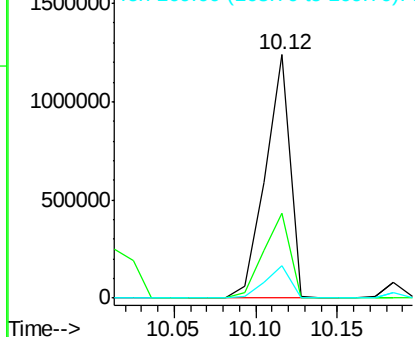


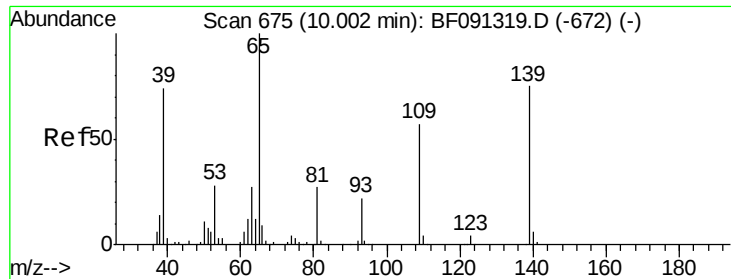
#54
Dibenzofuran
Concen: 45.68 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

Tgt Ion:168 Resp: 1304030
Ion Ratio Lower Upper
168 100
139 35.1 33.4 50.2
169 13.3 11.1 16.7



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

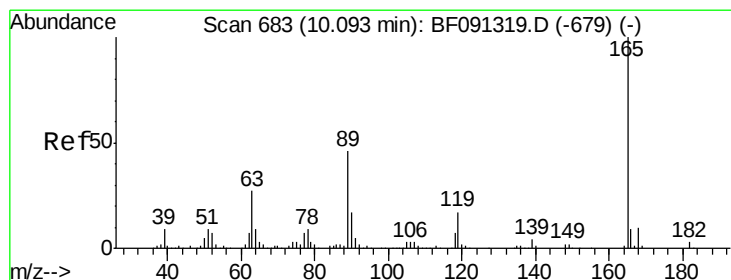
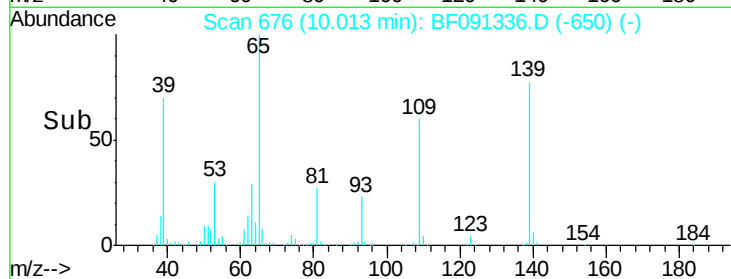
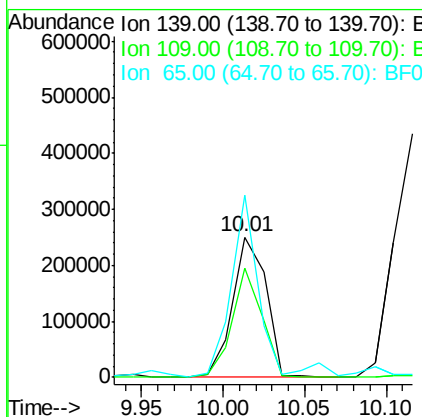
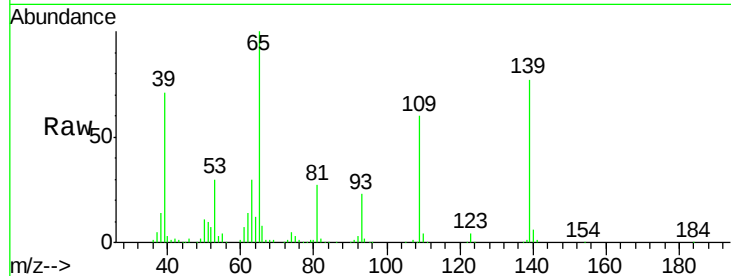




#55
4-Nitrophenol
Concen: 83.71 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

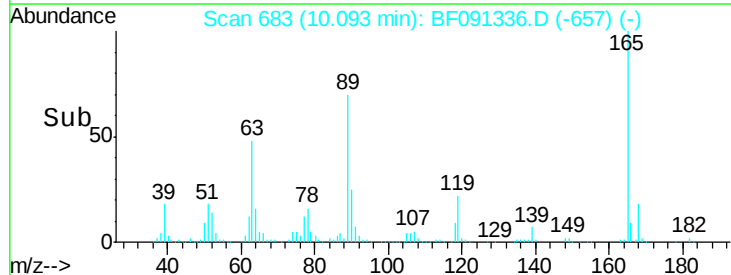
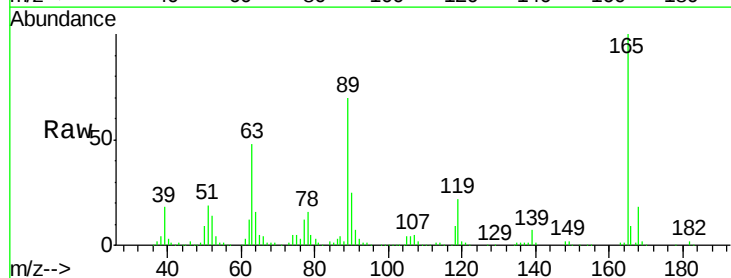
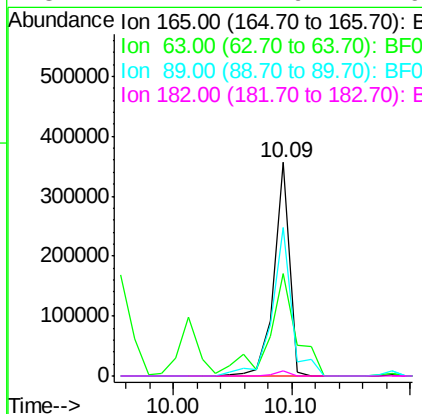
Instrument :
BNA_F
ClientSampleId :
PB94947BS

Tgt Ion:139 Resp: 355164
Ion Ratio Lower Upper
139 100
109 77.4 54.9 94.9
65 129.9 102.2 142.2



#56
2,4-Dinitrotoluene
Concen: 49.17 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

Tgt Ion:165 Resp: 323672
Ion Ratio Lower Upper
165 100
63 48.1 29.0 43.4#
89 69.7 43.1 64.7#
182 2.2 1.9 2.9

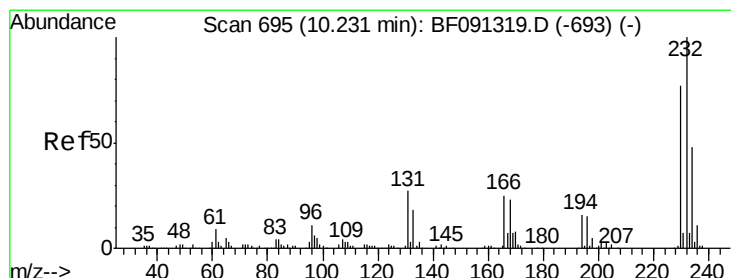
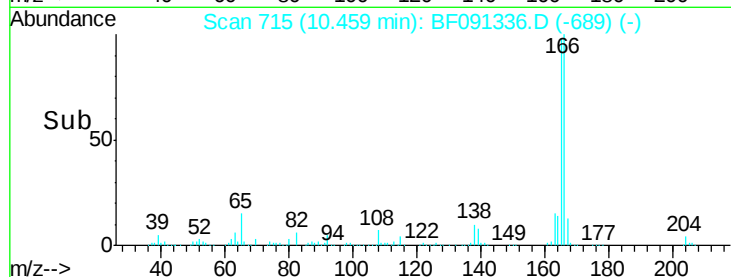
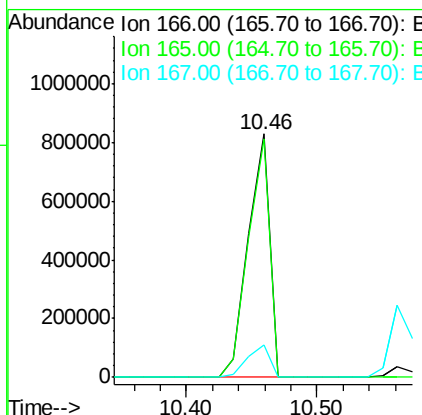
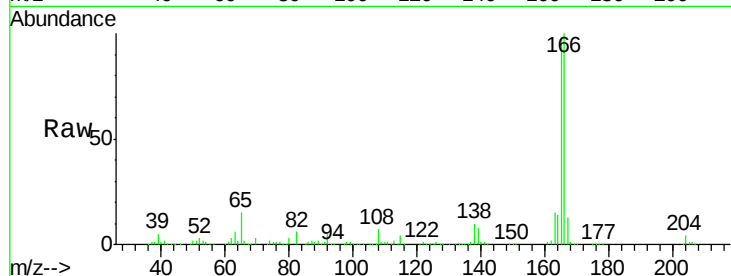




#57
Fluorene
 Concen: 43.39 ng
 RT: 10.46 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

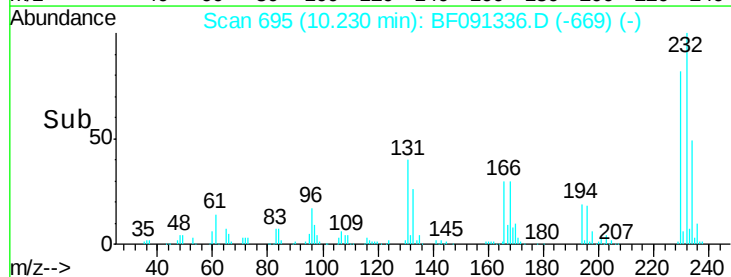
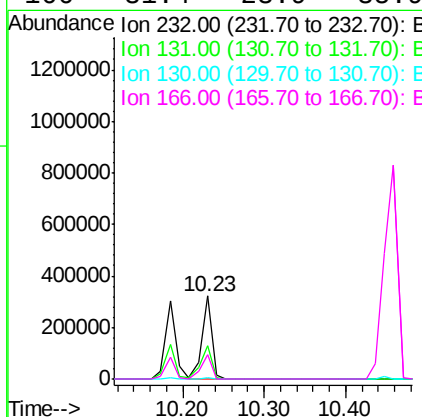
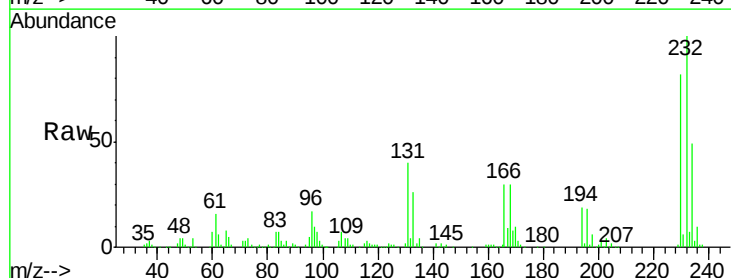
Instrument :
 BNA_F
 ClientSampled :
 PB94947BS

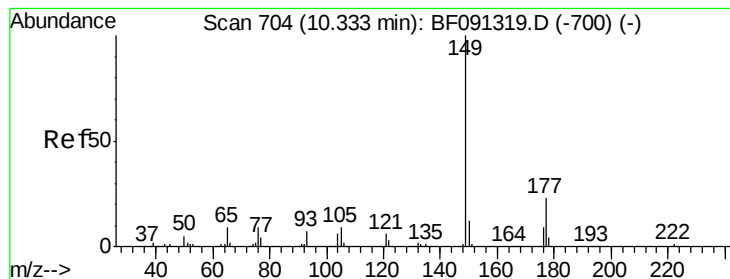
Tgt Ion:166 Resp: 951052
 Ion Ratio Lower Upper
 166 100
 165 98.2 80.0 120.0
 167 13.1 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.66 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Tgt Ion:232 Resp: 280204
 Ion Ratio Lower Upper
 232 100
 131 44.4 38.4 57.6
 130 2.2 1.8 2.8
 166 31.4 23.9 35.9





#59

Diethylphthalate

Concen: 43.80 ng

RT: 10.33 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

Instrument :

BNA_F

ClientSampleId :

PB94947BS

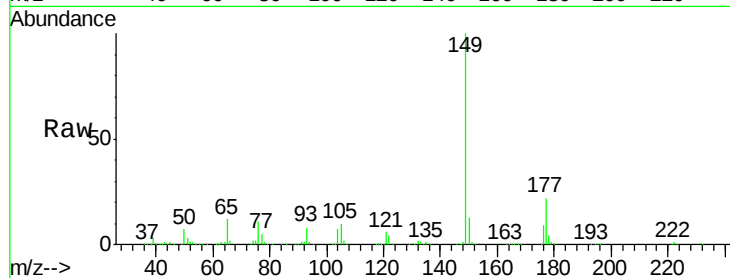
Tgt Ion:149 Resp: 981663

Ion Ratio Lower Upper

149 100

177 22.2 15.7 23.5

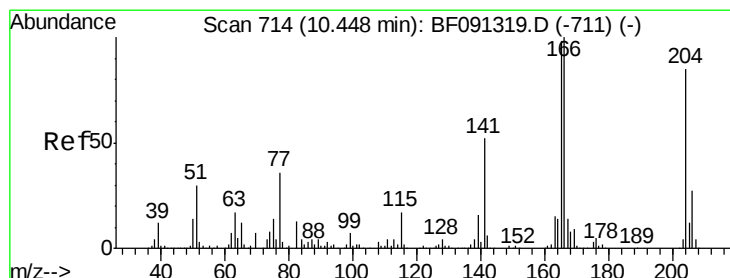
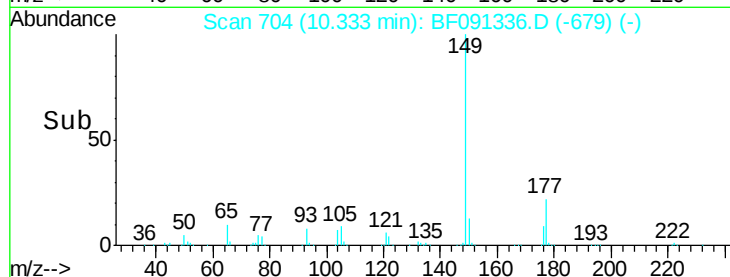
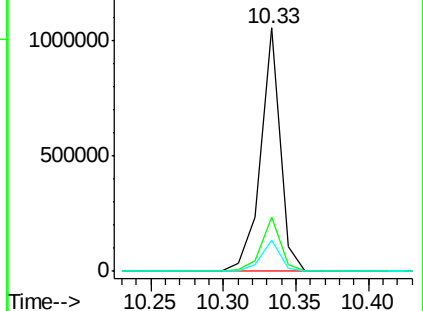
150 12.7 10.2 15.2



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: 41.19 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

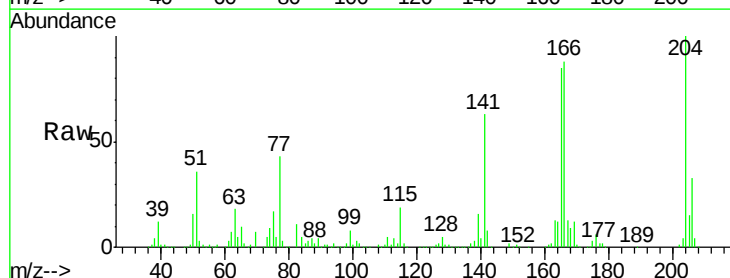
Tgt Ion:204 Resp: 452834

Ion Ratio Lower Upper

204 100

206 32.6 26.1 39.1

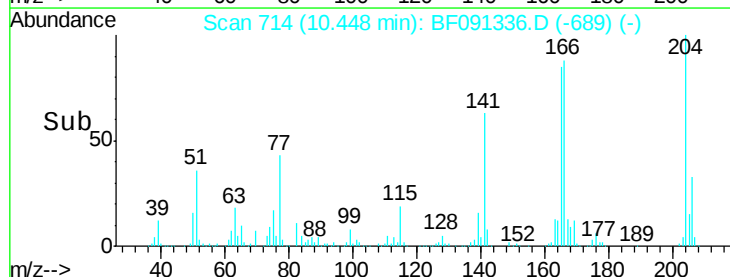
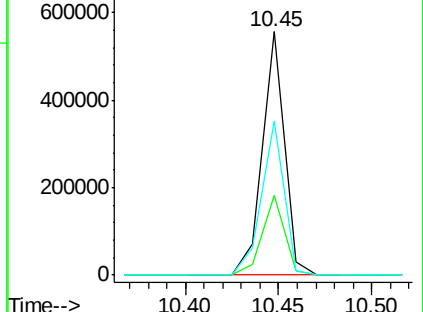
141 63.2 40.6 61.0#

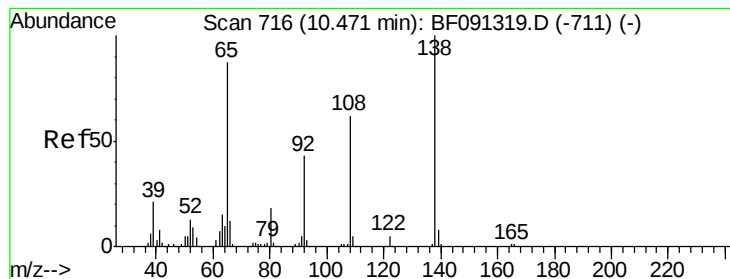


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.02 ng

RT: 10.47 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

Instrument :

BNA_F

ClientSampleId :

PB94947BS

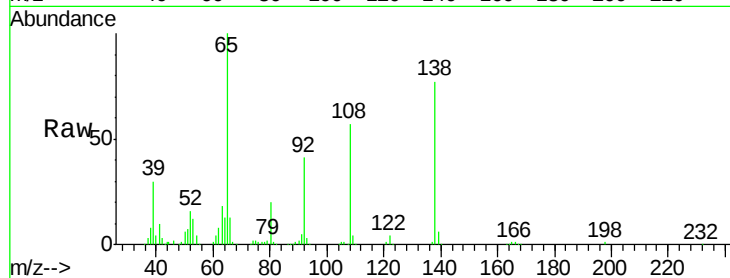
Tgt Ion:138 Resp: 215232

Ion Ratio Lower Upper

138 100

92 53.1 26.9 66.9

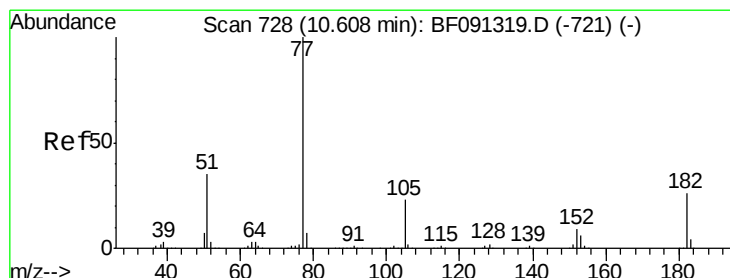
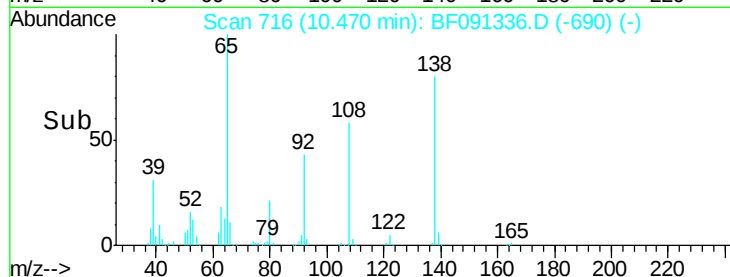
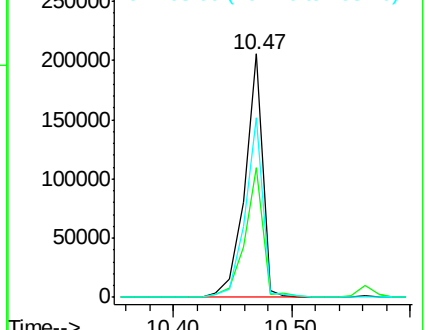
108 74.0 49.1 89.1



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: 48.99 ng

RT: 10.61 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

Tgt Ion: 77 Resp: 1120358

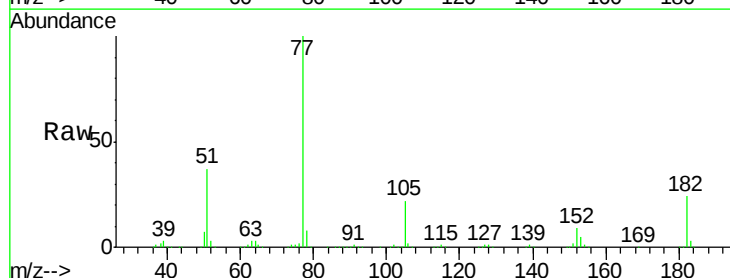
Ion Ratio Lower Upper

77 100

182 24.1 12.5 52.5

105 21.6 3.7 43.7

51 36.8 11.9 51.9

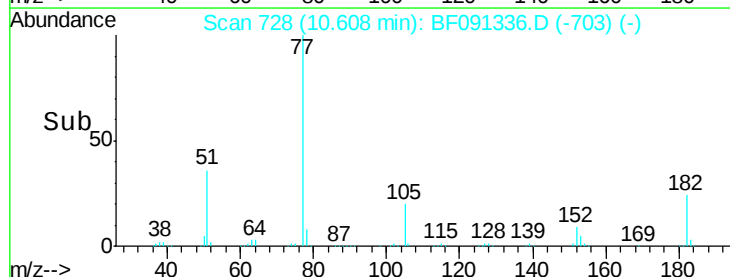
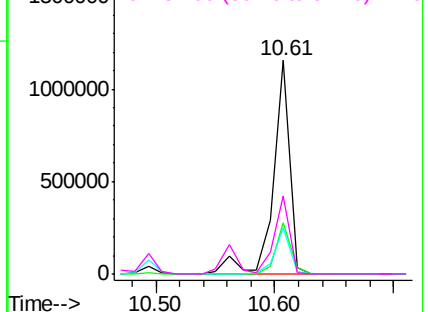


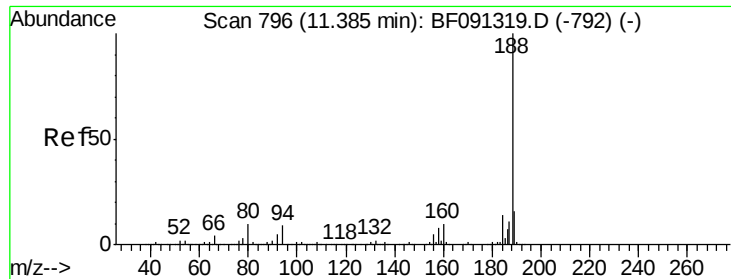
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

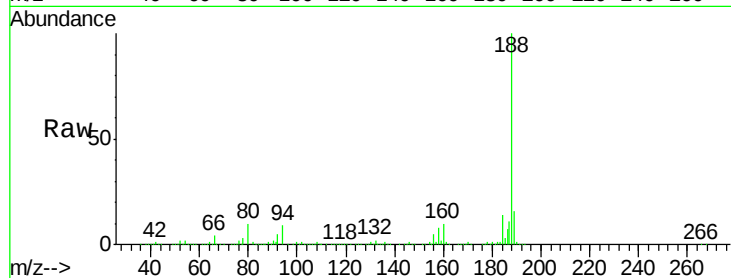




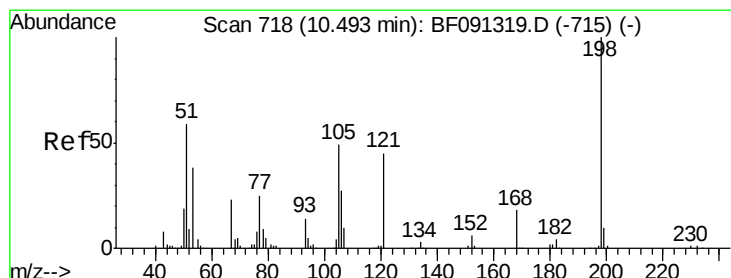
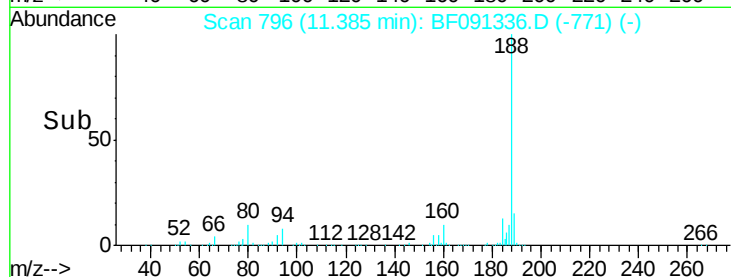
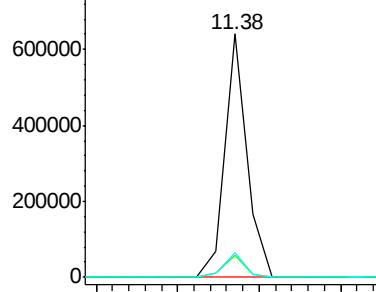
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

Instrument :
BNA_F
ClientSampleId :
PB94947BS

Tgt Ion:188 Resp: 603942
Ion Ratio Lower Upper
188 100
94 9.0 9.2 13.8#
80 9.9 10.5 15.7#

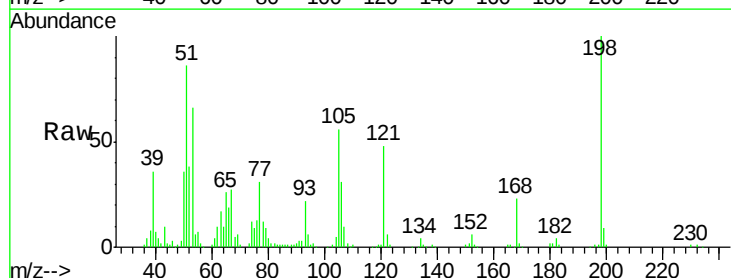


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

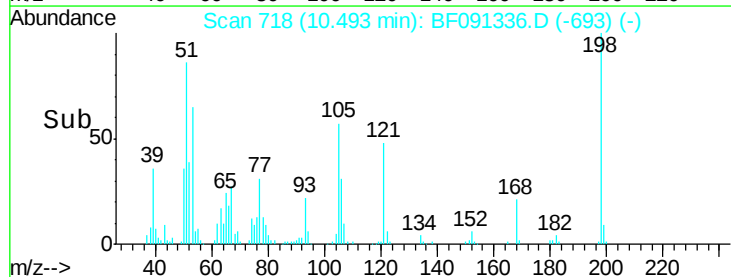
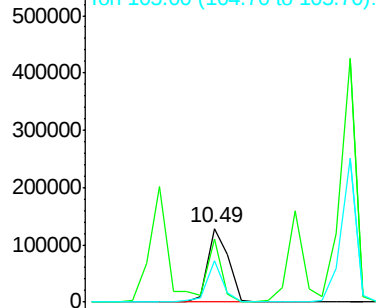


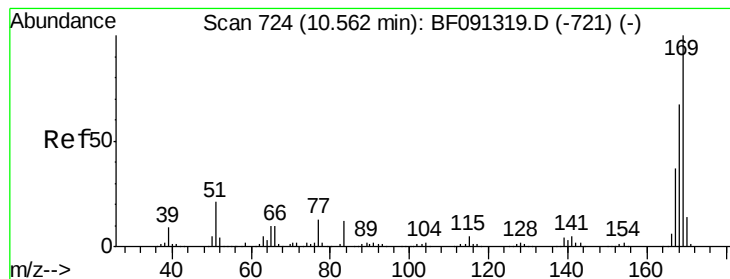
#64
4,6-Dinitro-2-methylphenol
Concen: 46.90 ng
RT: 10.49 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

Tgt Ion:198 Resp: 156041
Ion Ratio Lower Upper
198 100
51 86.1 77.1 117.1
105 56.5 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: 42.73 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

Instrument :

BNA_F

ClientSampleId :

PB94947BS

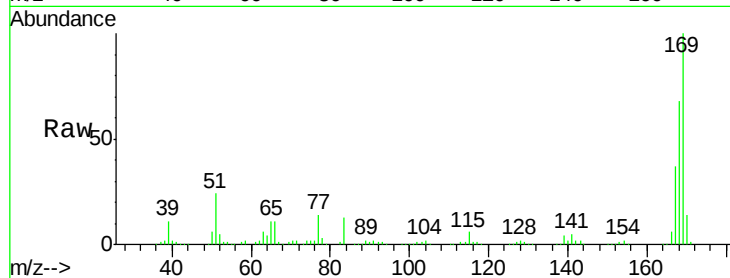
Tgt Ion:169 Resp: 782346

Ion Ratio Lower Upper

169 100

168 67.6 53.8 80.8

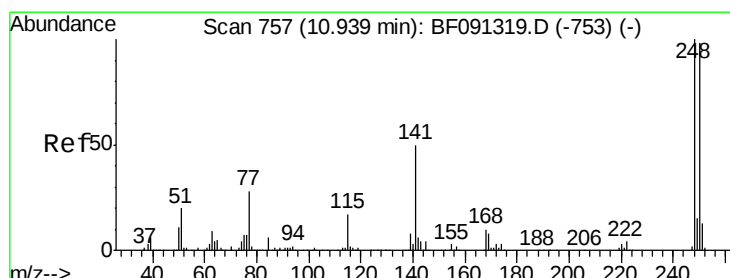
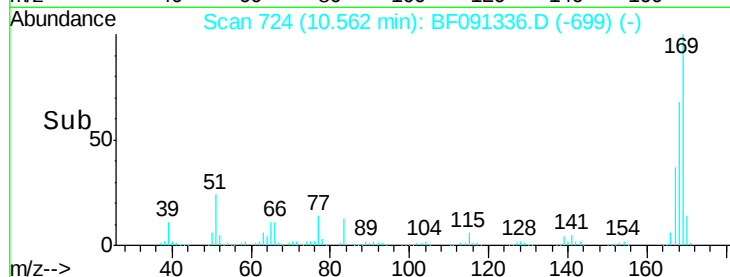
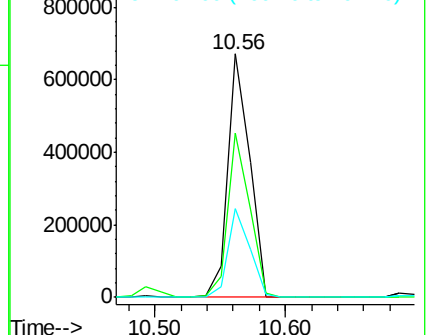
167 36.6 29.8 44.8



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: 49.85 ng

RT: 10.94 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

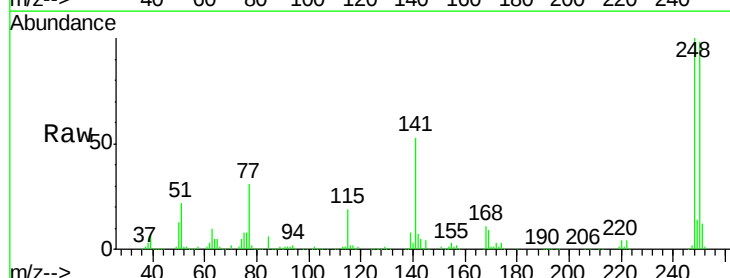
Tgt Ion:248 Resp: 323579

Ion Ratio Lower Upper

248 100

250 97.8 78.2 117.4

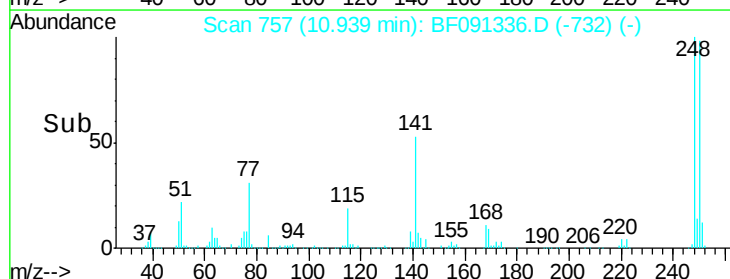
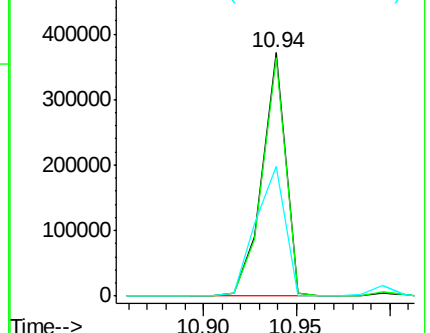
141 53.3 71.9 107.9#

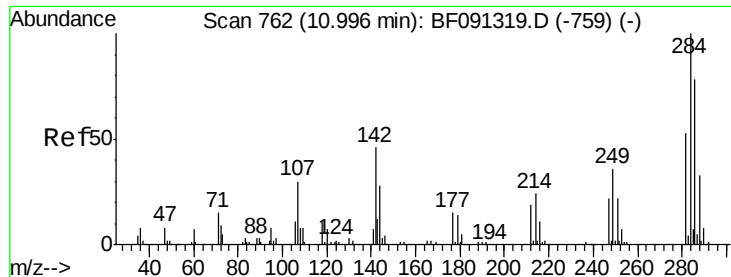


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.18 ng

RT: 11.00 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

Instrument :

BNA_F

ClientSampleId :

PB94947BS

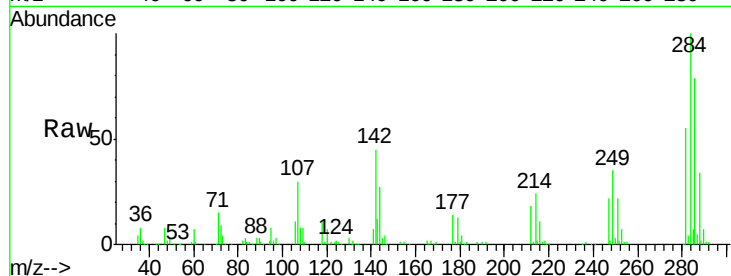
Tgt Ion:284 Resp: 302864

Ion Ratio Lower Upper

284 100

142 45.0 17.9 26.9#

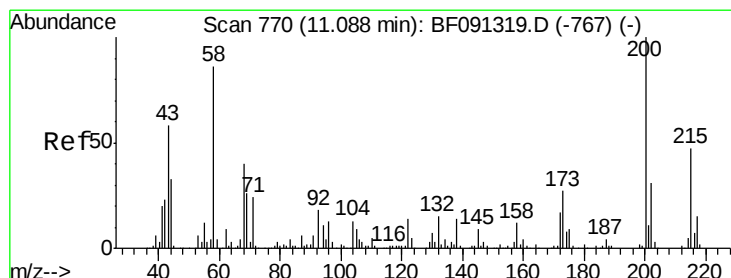
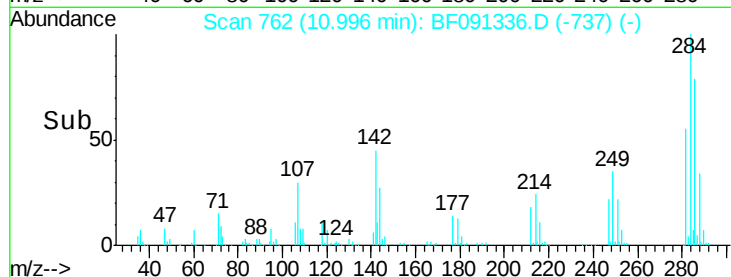
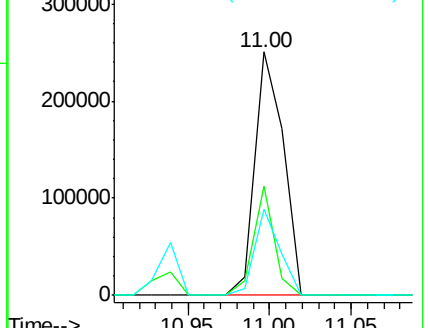
249 35.2 23.6 35.4



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: 45.63 ng

RT: 11.10 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

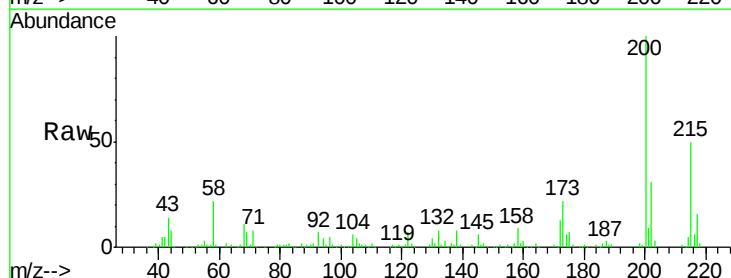
Tgt Ion:200 Resp: 270580

Ion Ratio Lower Upper

200 100

173 22.4 7.8 47.8

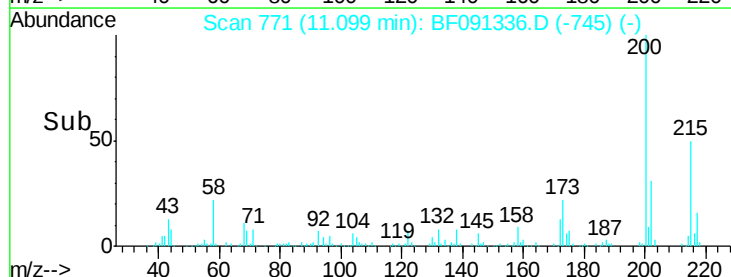
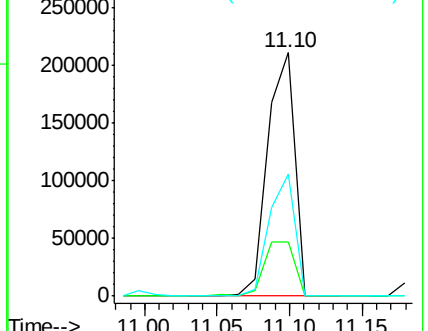
215 50.2 24.3 64.3

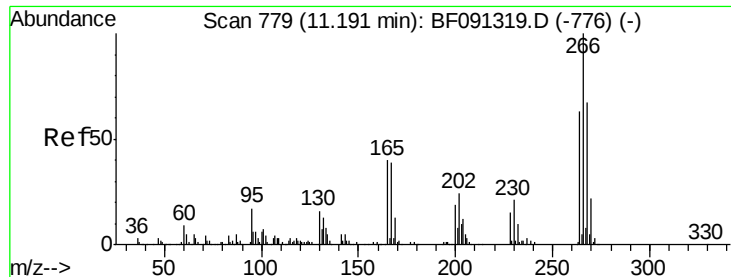


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

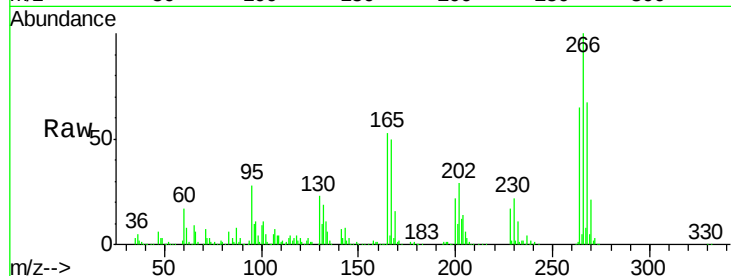




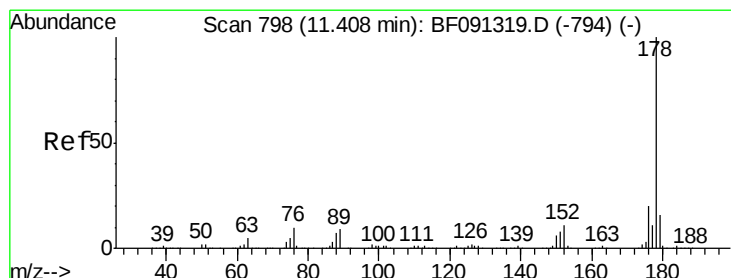
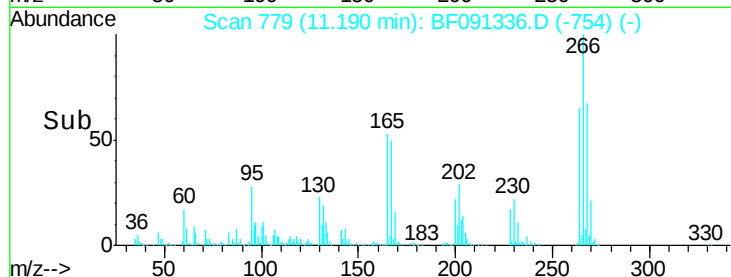
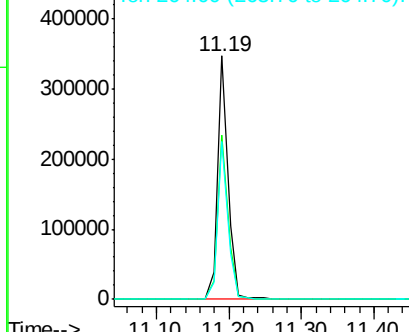
#69
 Pentachlorophenol
 Concen: 84.91 ng
 RT: 11.19 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94947BS

Tgt Ion:266 Resp: 350634
 Ion Ratio Lower Upper
 266 100
 268 67.3 50.3 75.5
 264 65.0 48.2 72.2

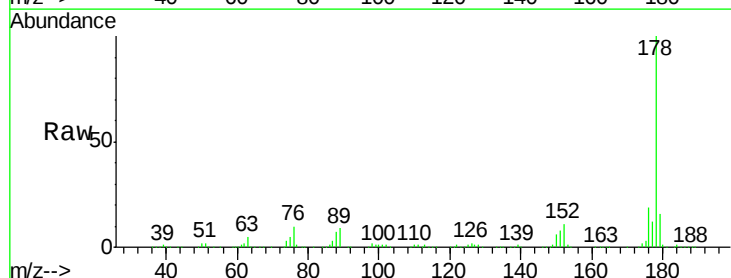


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

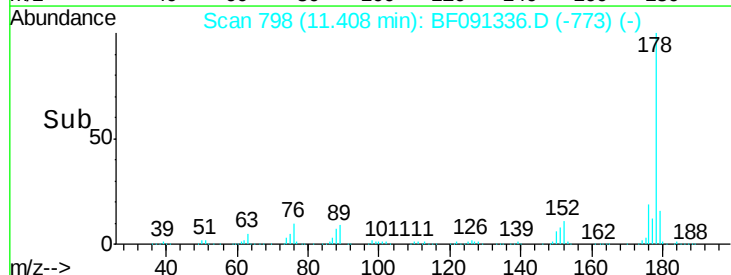
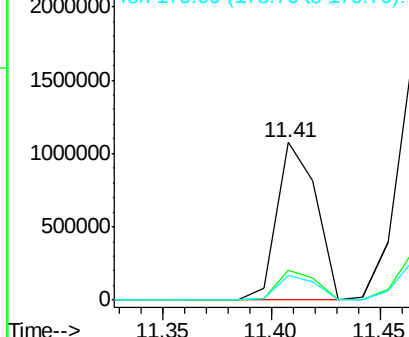


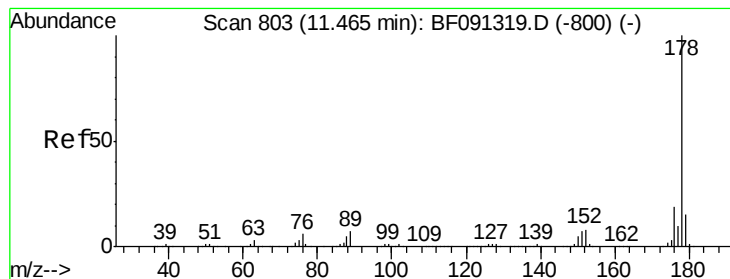
#70
 Phenanthrene
 Concen: 43.27 ng
 RT: 11.41 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Tgt Ion:178 Resp: 1357819
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 15.8 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: 46.92 ng

RT: 11.46 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

Instrument :

BNA_F

ClientSampleId :

PB94947BS

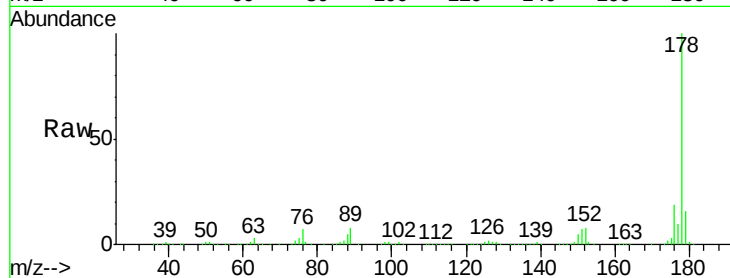
Tgt Ion:178 Resp: 1461493

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

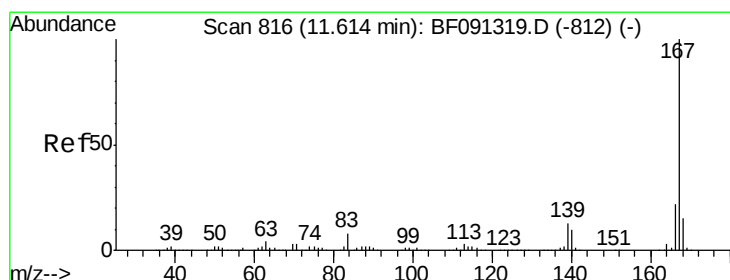
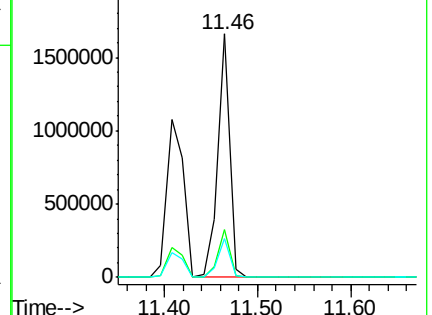
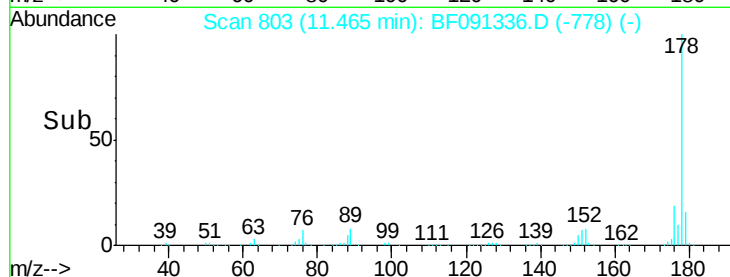
179 16.0 12.7 19.1



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: 40.14 ng

RT: 11.61 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

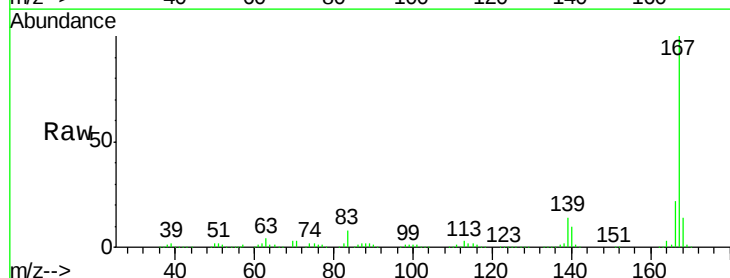
Tgt Ion:167 Resp: 1134448

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

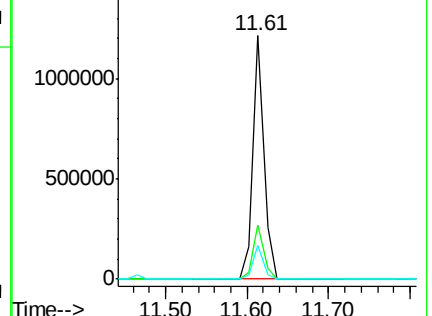
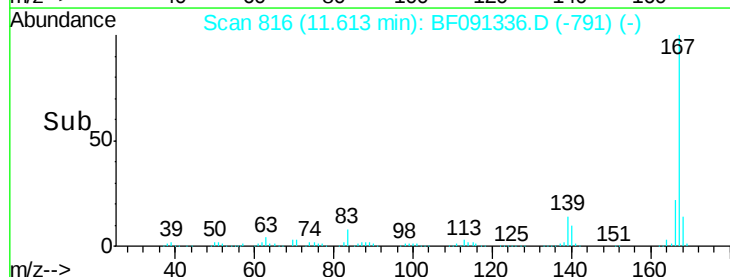
139 13.7 11.5 17.3

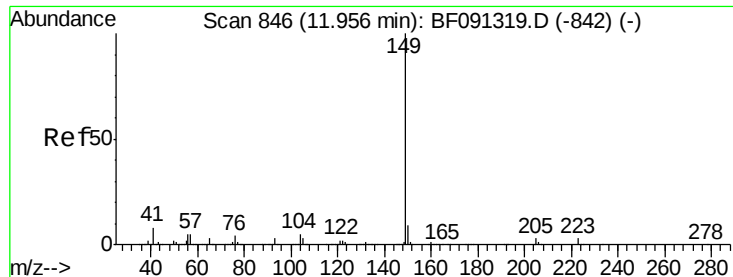


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.38 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

Instrument :

BNA_F

ClientSampleId :

PB94947BS

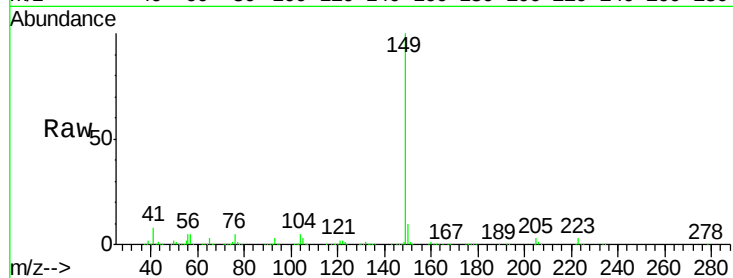
Tgt Ion:149 Resp: 1549782

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

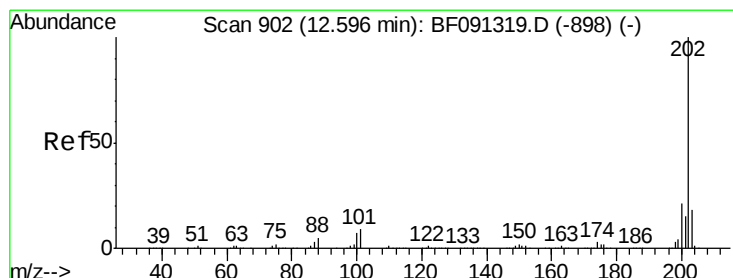
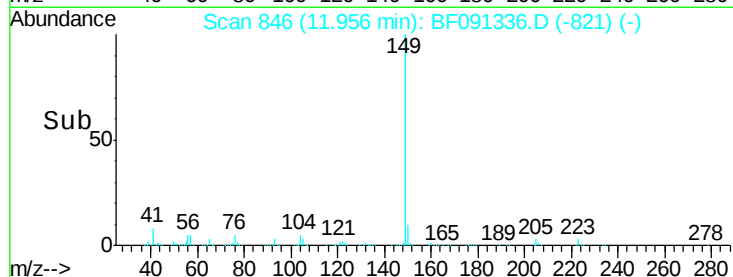
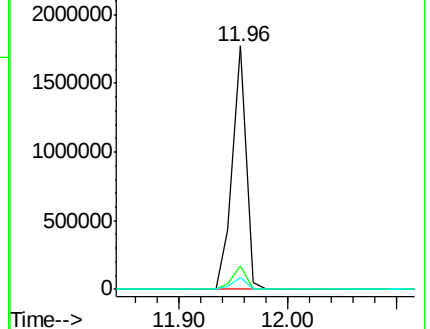
104 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.93 ng

RT: 12.60 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

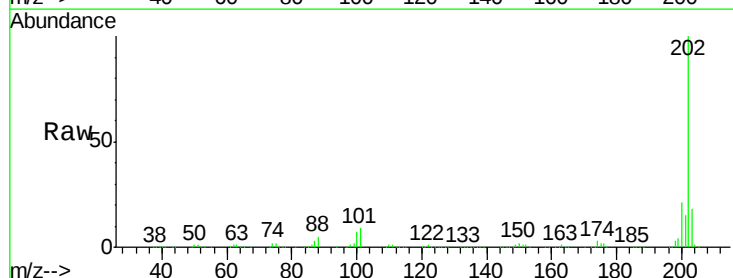
Tgt Ion:202 Resp: 1394885

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.5

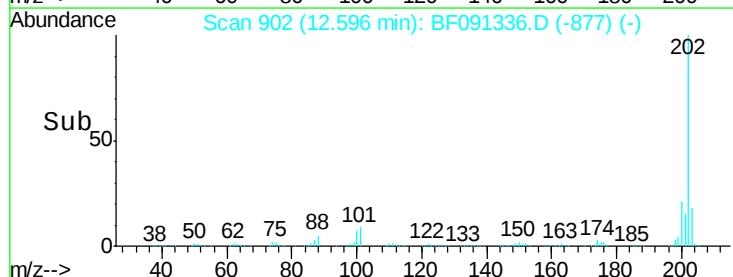
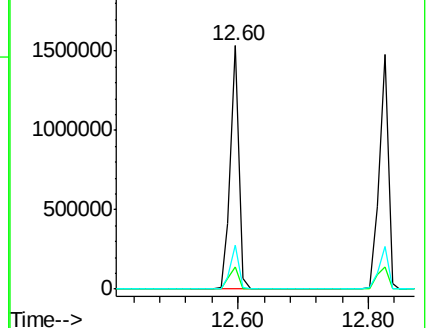
203 18.3 0.0 37.8

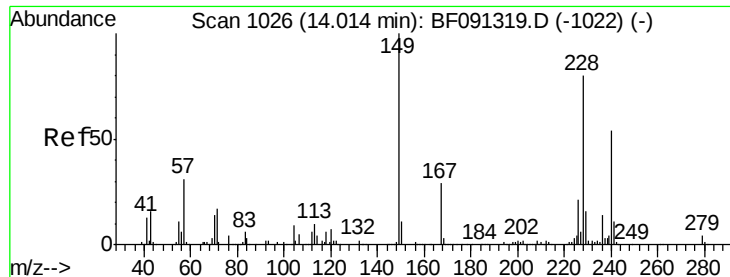


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

Instrument :

BNA_F

ClientSampleId :

PB94947BS

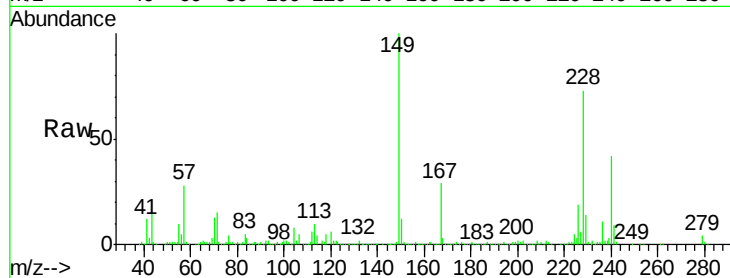
Tgt Ion:240 Resp: 351923

Ion Ratio Lower Upper

240 100

120 13.9 12.1 18.1

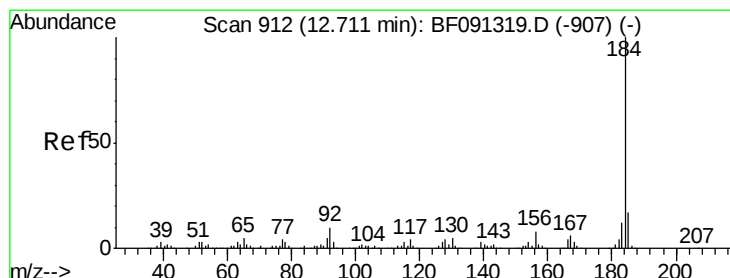
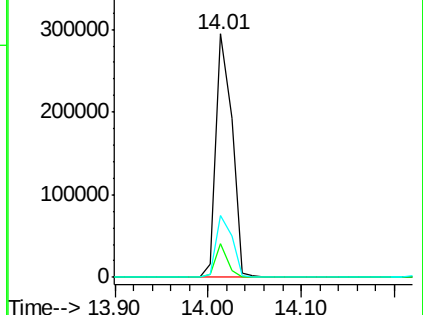
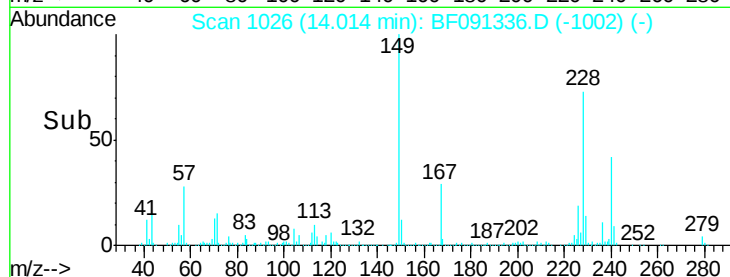
236 25.7 21.0 31.6



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: 38.00 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

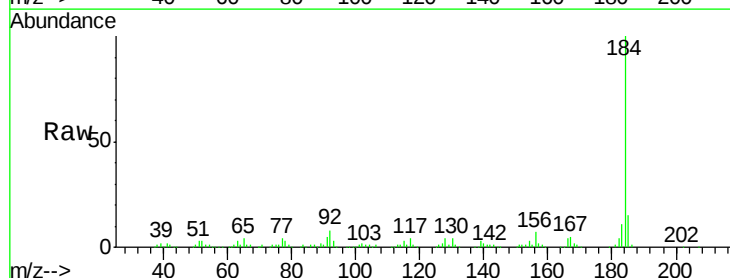
Tgt Ion:184 Resp: 392562

Ion Ratio Lower Upper

184 100

185 15.1 13.1 19.7

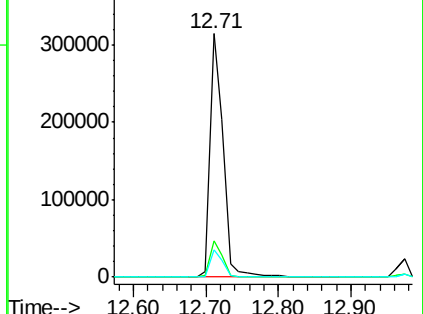
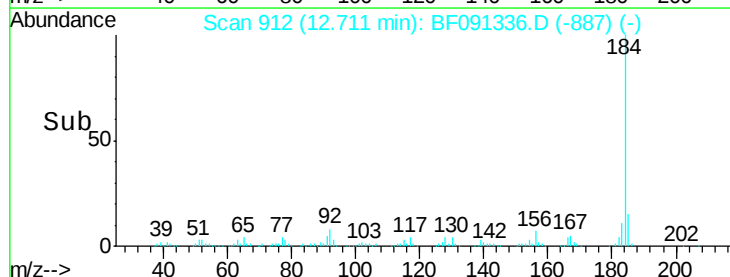
183 11.2 8.9 13.3

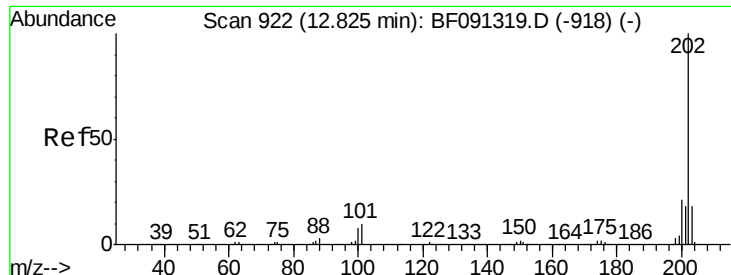


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



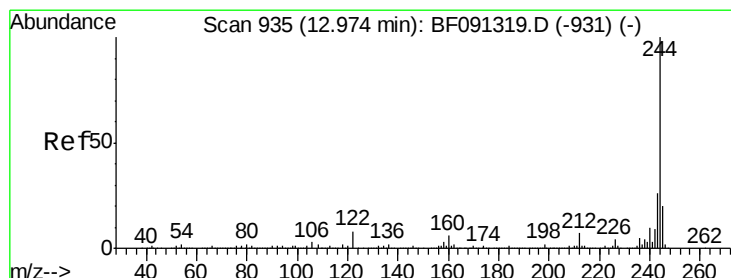
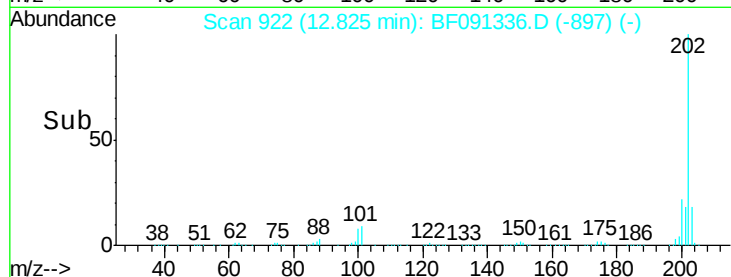
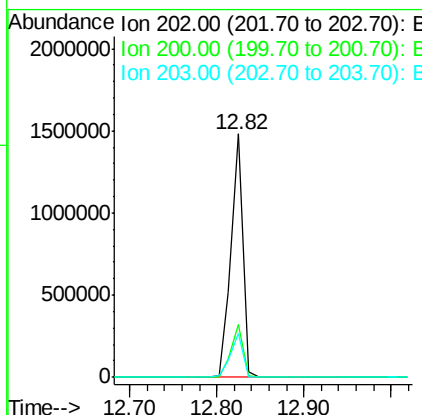
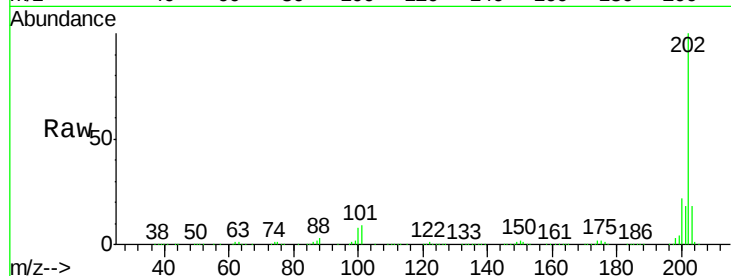


#77
Pyrene
 Concen: 52.90 ng
 RT: 12.82 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94947BS

Tgt Ion: 202 Resp: 1412828

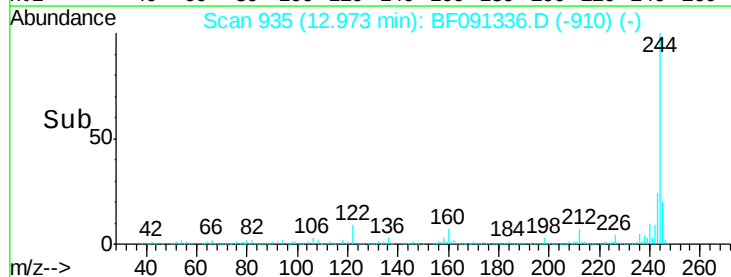
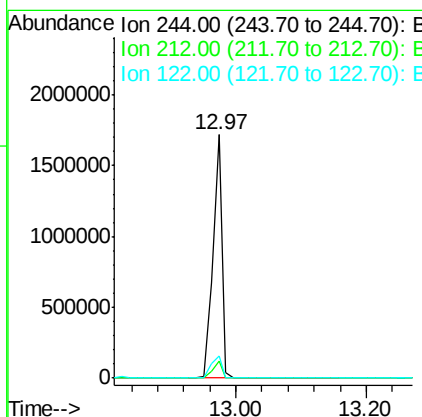
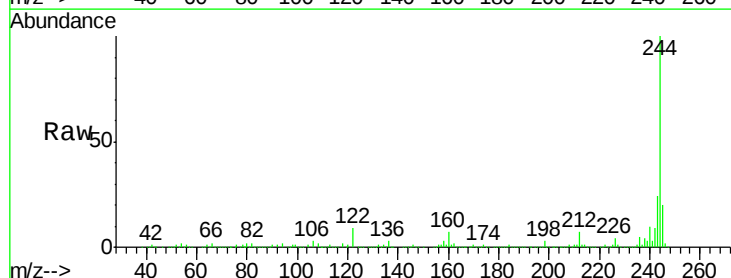
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	18.0	14.0	21.0

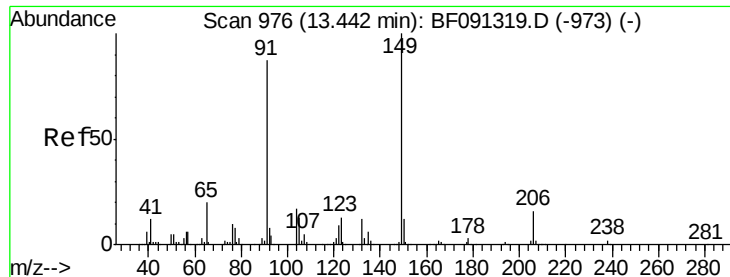


#78
Terphenyl-d14
 Concen: 104.50 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Tgt Ion: 244 Resp: 1691989

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	9.0	9.5	14.3#

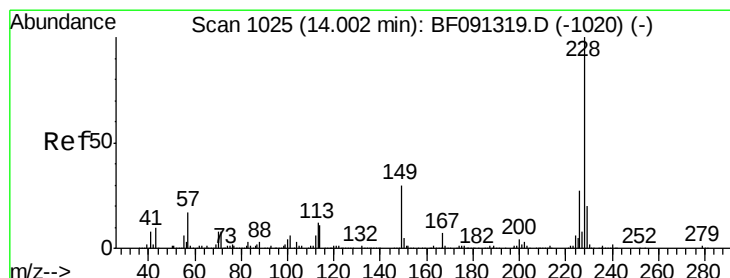
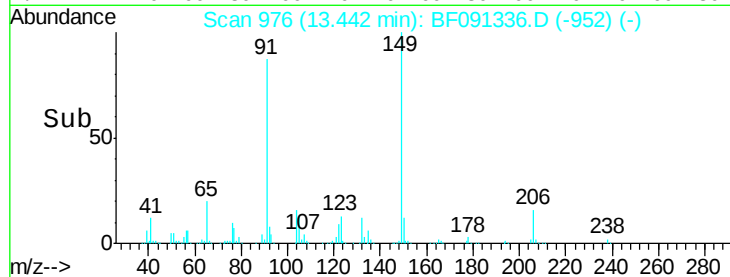
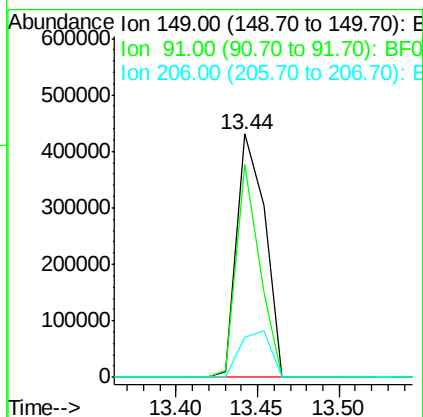
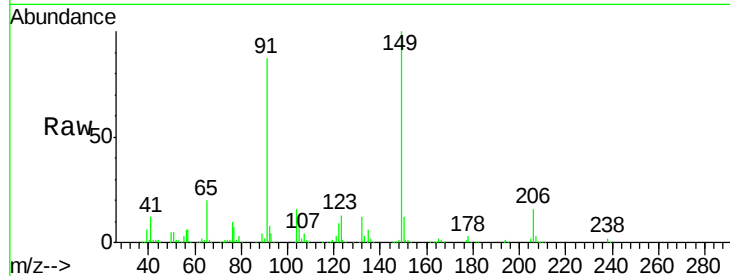




#79
Butylbenzylphthalate
Concen: 51.29 ng
RT: 13.44 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

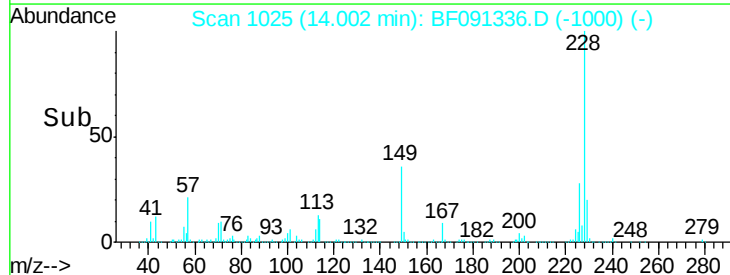
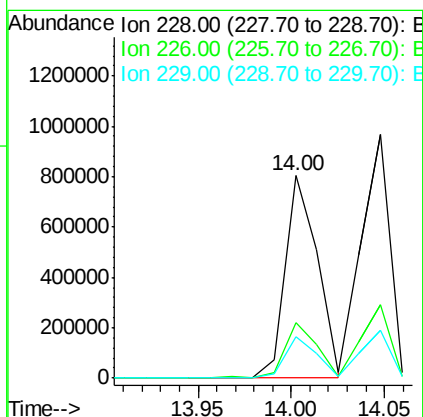
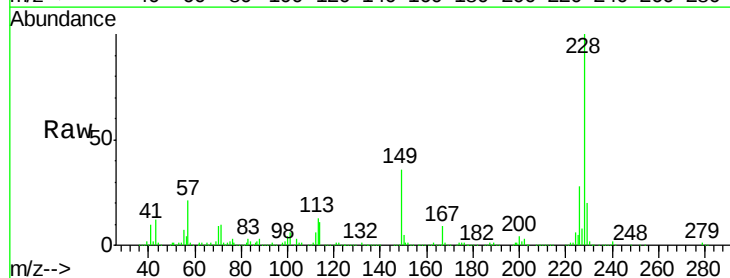
Instrument :
BNA_F
ClientSampleId :
PB94947BS

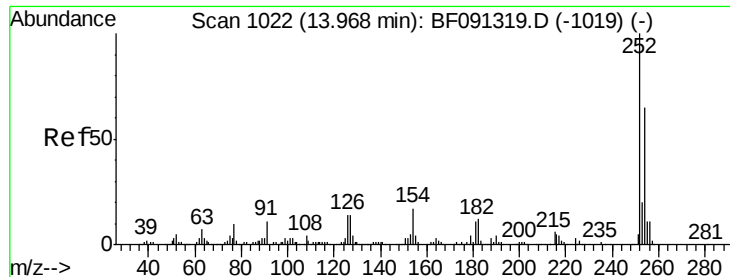
Tgt Ion:149 Resp: 512903
Ion Ratio Lower Upper
149 100
91 87.2 57.4 86.2#
206 16.5 15.4 23.2



#80
Benzo(a)anthracene
Concen: 46.95 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

Tgt Ion:228 Resp: 966379
Ion Ratio Lower Upper
228 100
226 27.6 22.5 33.7
229 20.2 16.4 24.6

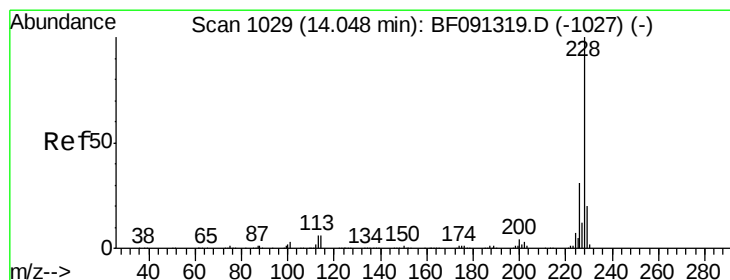
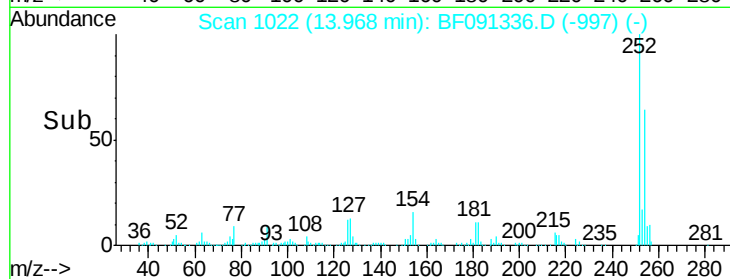
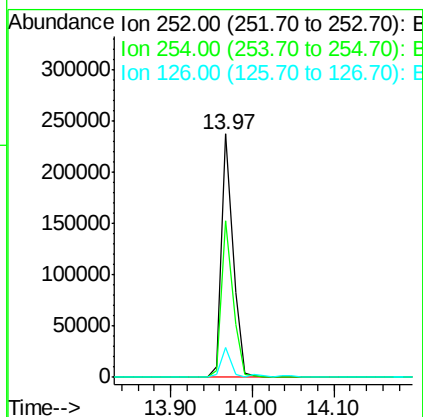
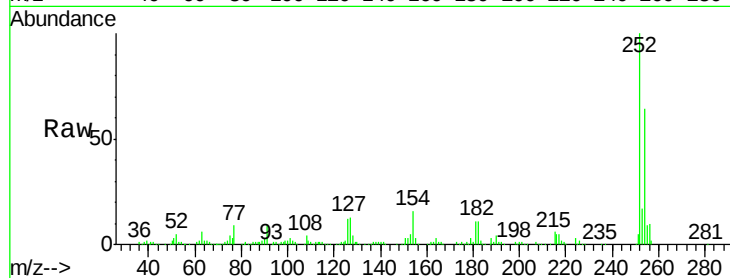




#81
 3,3'-Dichlorobenzidine
 Concen: 32.20 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

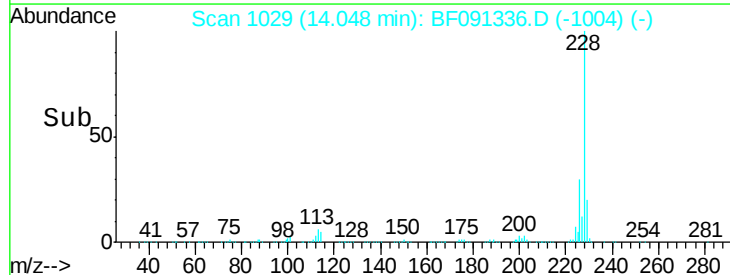
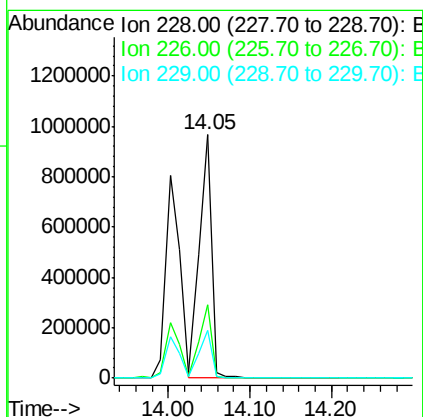
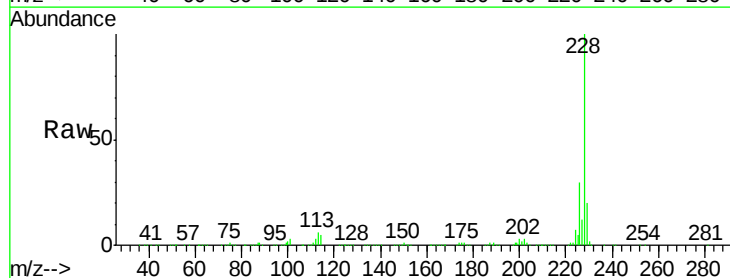
Instrument :
 BNA_F
 ClientSampleId :
 PB94947BS

Tgt Ion:252 Resp: 233448
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.1 78.1
 126 12.2 7.5 11.3#



#82
 Chrysene
 Concen: 50.40 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Tgt Ion:228 Resp: 1026288
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.0 37.4
 229 19.6 16.0 24.0

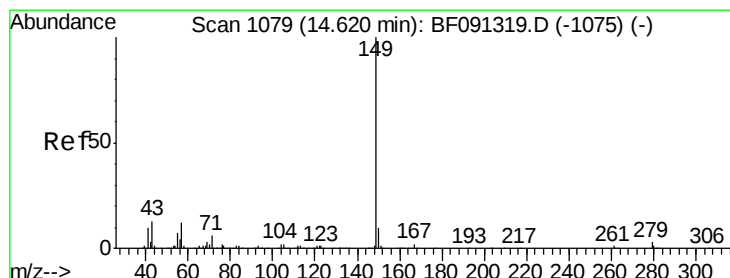
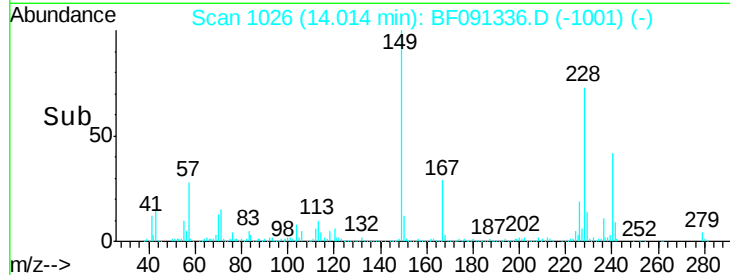
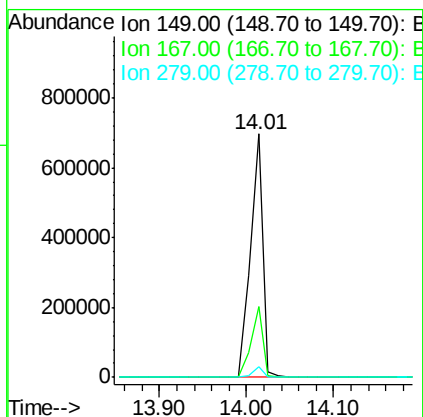
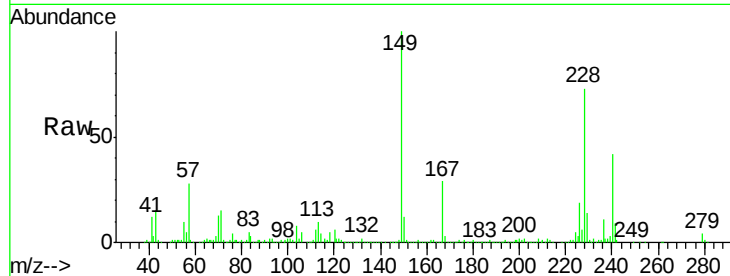




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.84 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

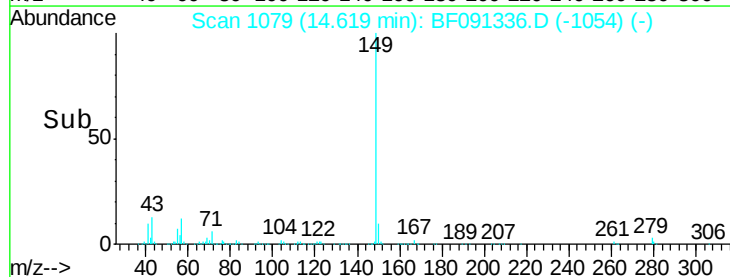
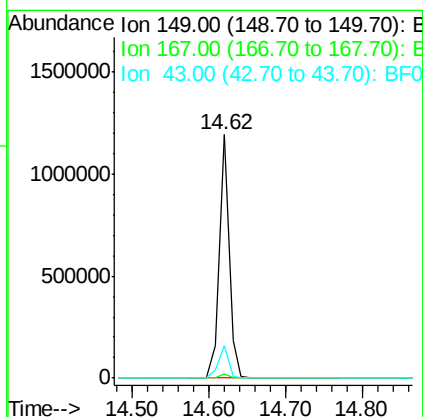
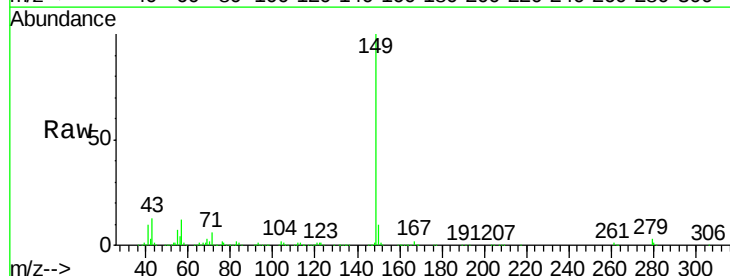
Instrument :
 BNA_F
 ClientSampleId :
 PB94947BS

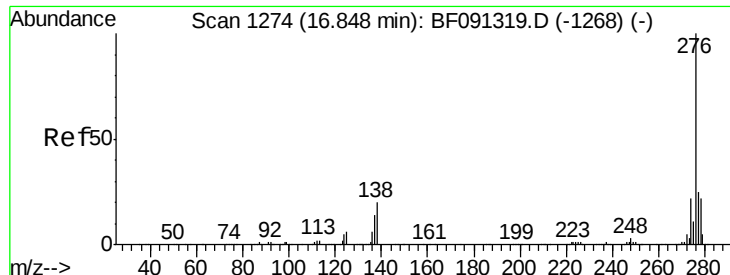
Tgt Ion:149 Resp: 695207
 Ion Ratio Lower Upper
 149 100
 167 29.0 19.6 29.4
 279 4.4 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 55.56 ng
 RT: 14.62 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Tgt Ion:149 Resp: 1065746
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 13.4 11.9 17.9

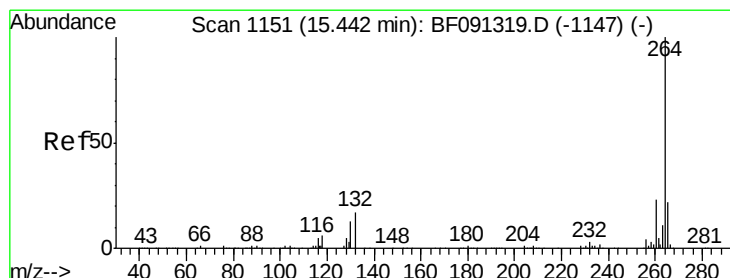
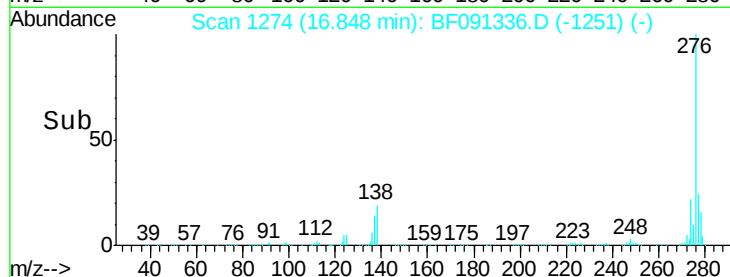
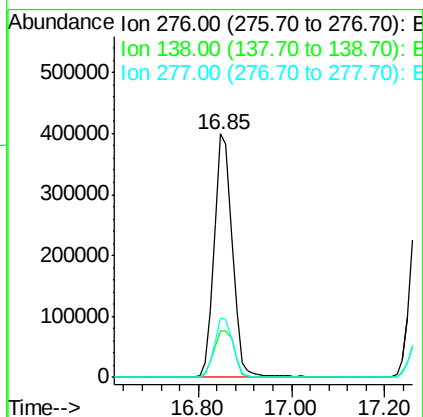
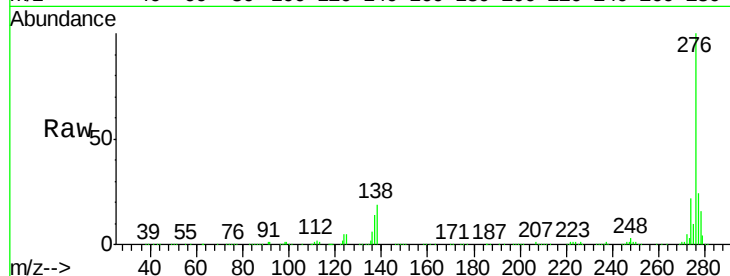




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.72 ng
 RT: 16.85 min Scan# 1274
 Delta R.T. -0.04 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

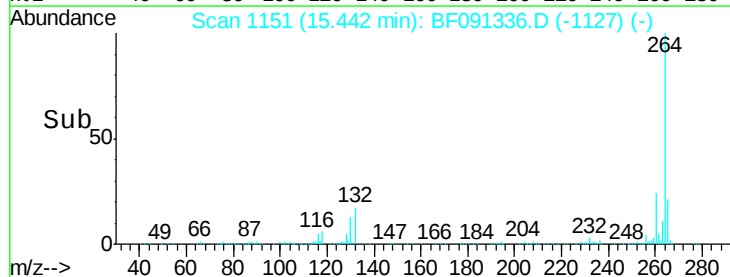
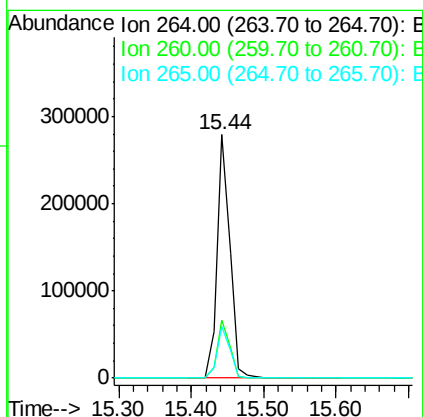
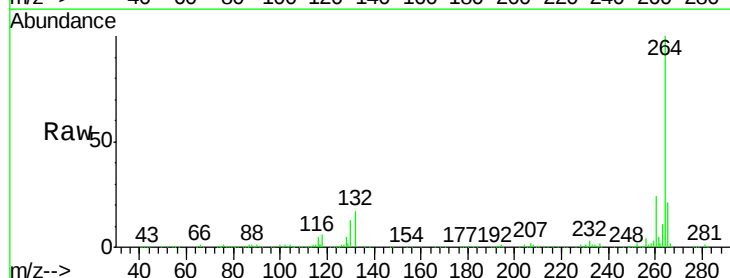
Instrument :
 BNA_F
 ClientSampleId :
 PB94947BS

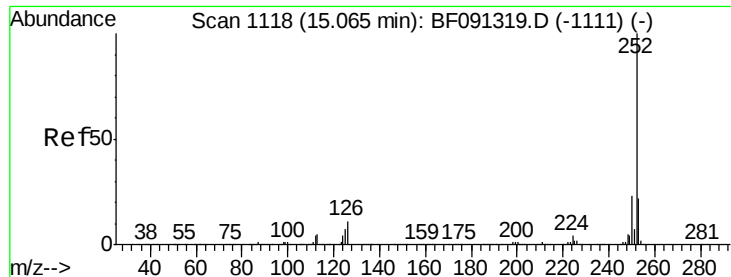
Tgt Ion: 276 Resp: 1076465
 Ion Ratio Lower Upper
 276 100
 138 21.9 21.0 31.4
 277 24.9 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091336.D
 Acq: 29 Nov 2016 19:33

Tgt Ion: 264 Resp: 340491
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.1 17.0 25.6

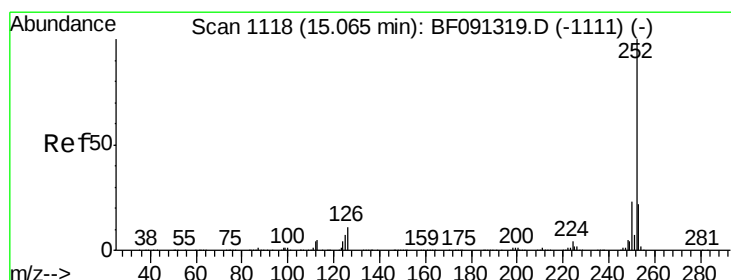
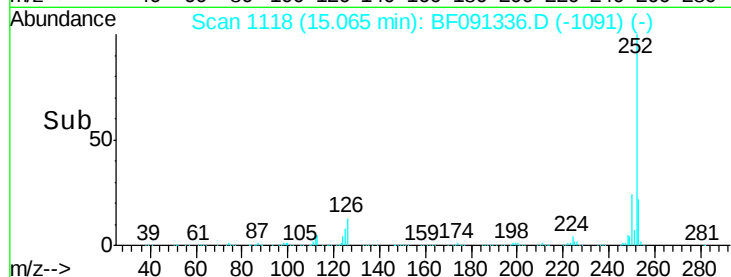
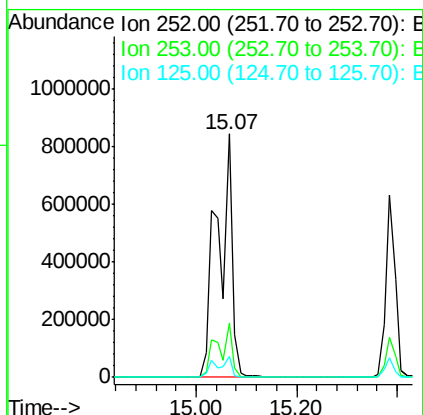
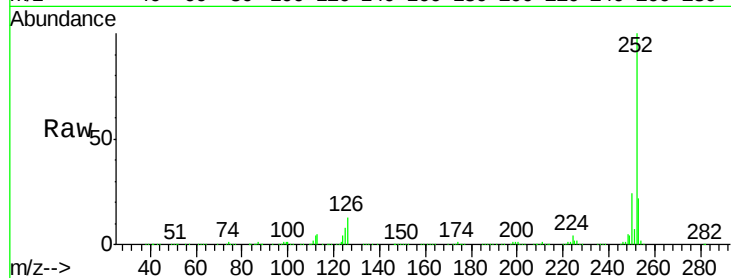




#87
Benzo(b)fluoranthene
Concen: 82.07 ng
RT: 15.07 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

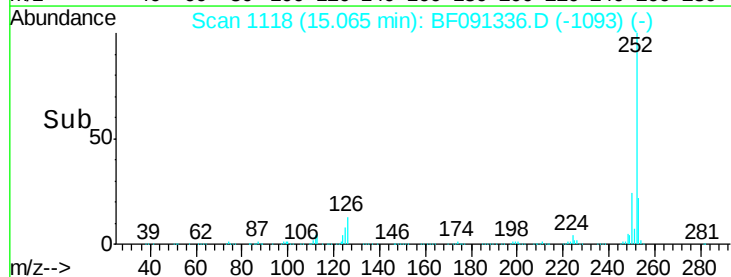
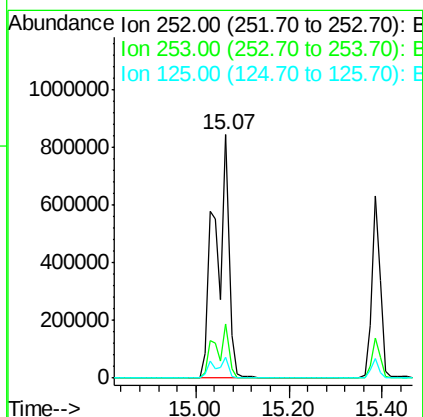
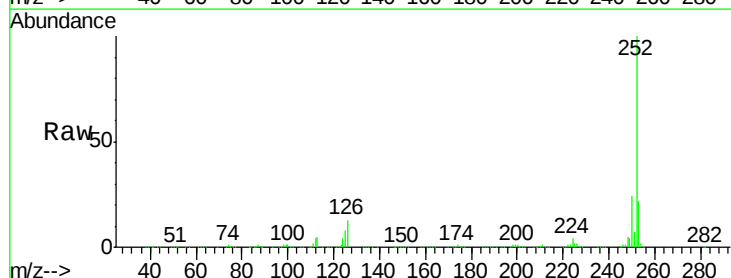
Instrument :
BNA_F
ClientSampleId :
PB94947BS

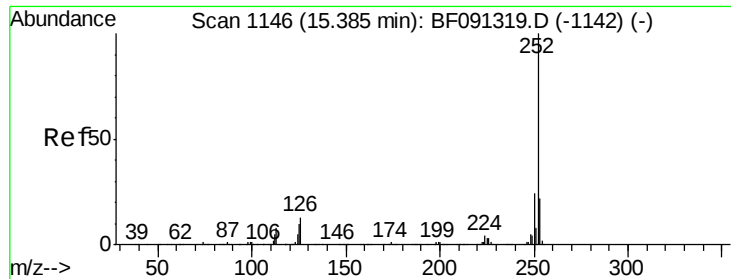
Tgt Ion:252 Resp: 1736925
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 8.5 8.6 13.0#



#88
Benzo(k)fluoranthene
Concen: 97.64 ng
RT: 15.07 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

Tgt Ion:252 Resp: 1737666
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 8.5 9.6 14.4#

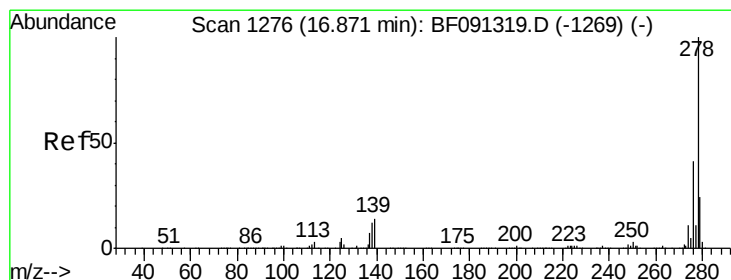
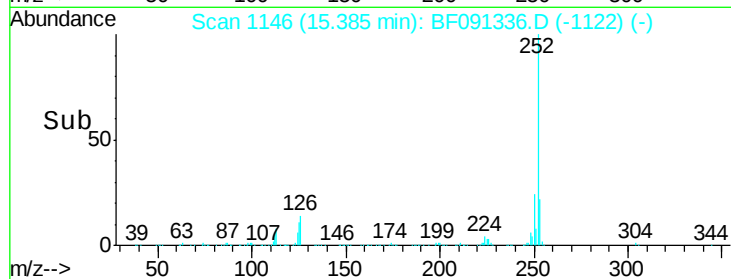
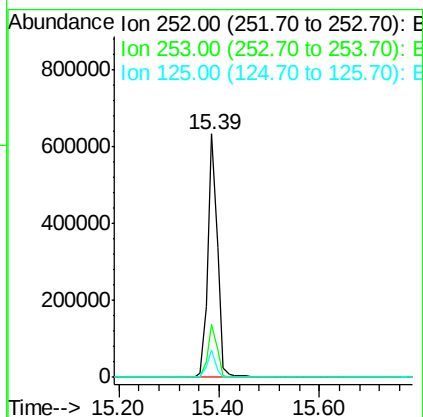
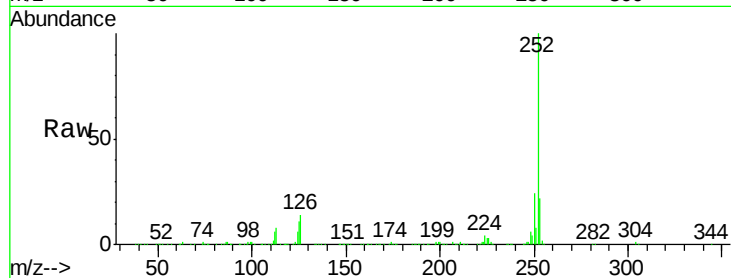




#89
Benzo(a)pyrene
Concen: 44.03 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

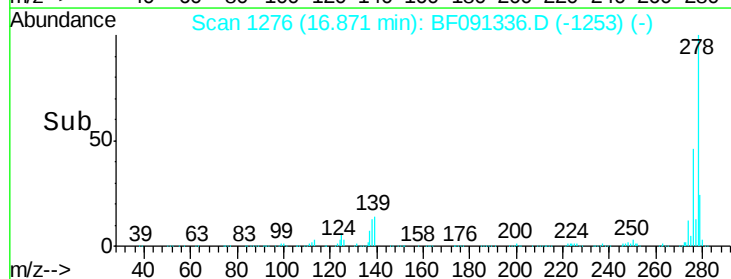
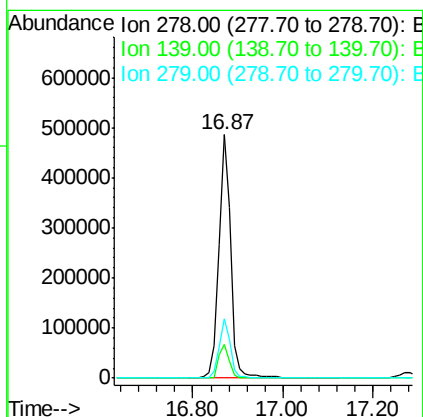
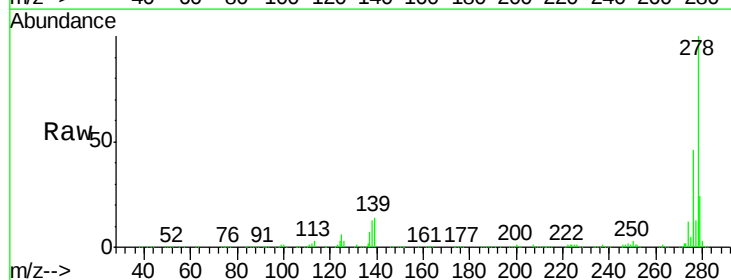
Instrument :
BNA_F
ClientSampleId :
PB94947BS

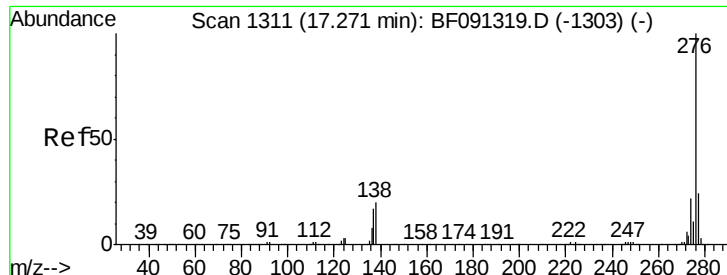
Tgt Ion: 252 Resp: 836793
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 11.1 10.4 15.6



#90
Dibenzo(a,h)anthracene
Concen: 50.79 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF091336.D
Acq: 29 Nov 2016 19:33

Tgt Ion: 278 Resp: 892758
Ion Ratio Lower Upper
278 100
139 13.8 15.1 22.7#
279 24.1 19.0 28.6





#91

Benzo(g,h,i)perylene

Concen: 50.77 ng

RT: 17.28 min Scan# 1312

Delta R.T. -0.03 min

Lab File: BF091336.D

Acq: 29 Nov 2016 19:33

Instrument :

BNA_F

ClientSampleId :

PB94947BS

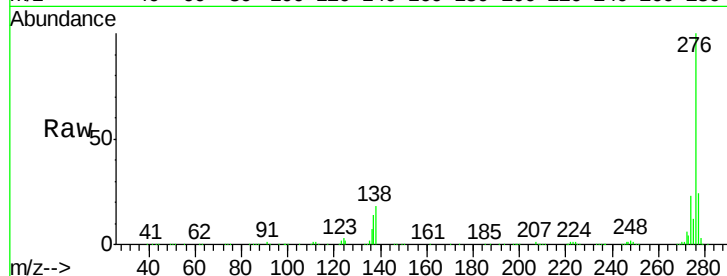
Tgt Ion: 276 Resp: 920229

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 17.7 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

