

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
 Data File : BF091184.D
 Acq On : 15 Nov 2016 17:43
 Operator : UM/SJ
 Sample : H5636-11MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

Quant Time: Nov 16 06:46:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	161829	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	645329	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	384523	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	632609	20.00	ng	-0.02
75) Chrysene-d12	13.79	240	453388	20.00	ng	-0.02
86) Perylene-d12	15.15	264	391579	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	675264	68.91	ng	-0.02
7) Phenol-d6	6.29	99	562167	42.27	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1187388	100.37	ng	-0.03
41) 2,4,6-Tribromophenol	10.48	330	588024	169.15	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	2105236	94.26	ng	-0.02
78) Terphenyl-d14	12.74	244	2039221	112.24	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.13	88	84329	15.04	ng	# 90
3) Pyridine	2.80	79	208453	15.90	ng	100
4) n-Nitrosodimethylamine	2.74	42	97571	18.81	ng	93
6) Aniline	6.30	93	299077	19.06	ng	# 80
8) 2-Chlorophenol	6.42	128	484219	41.43	ng	97
9) Benzaldehyde	6.19	77	54456	7.38	ng	94
10) Phenol	6.30	94	243600	16.55	ng	88
11) bis(2-Chloroethyl)ether	6.37	93	552841m	44.57	ng	
12) 1,3-Dichlorobenzene	6.57	146	577248m	48.83	ng	
13) 1,4-Dichlorobenzene	6.65	146	604584m	47.67	ng	
14) 1,2-Dichlorobenzene	6.81	146	595166	51.13	ng	98
15) Benzyl Alcohol	6.80	79	290174	30.93	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.93	45	786989	44.31	ng	88
17) 2-Methylphenol	6.92	107	317604	34.32	ng	# 88
18) Hexachloroethane	7.14	117	224737m	45.78	ng	
19) n-Nitroso-di-n-propylamine	7.07	70	507836	55.10	ng	92
20) 3+4-Methylphenols	7.08	107	368194	33.14	ng	97
22) Acetophenone	7.06	105	862183	58.03	ng	# 94
24) Nitrobenzene	7.23	77	685020	52.43	ng	100
25) Isophorone	7.47	82	1075845	47.20	ng	98
26) 2-Nitrophenol	7.55	139	302389	54.69	ng	# 67
27) 2,4-Dimethylphenol	7.60	122	403044	44.08	ng	98
28) bis(2-Chloroethoxy)methane	7.69	93	640463	51.43	ng	99
29) 2,4-Dichlorophenol	7.80	162	405780	50.85	ng	91
30) 1,2,4-Trichlorobenzene	7.87	180	495292	55.20	ng	98
31) Naphthalene	7.95	128	1981521	64.21	ng	99
32) Benzoic acid	7.72	122	67670	13.56	ng	96
33) 4-Chloroaniline	8.01	127	177751	13.85	ng	97
34) Hexachlorobutadiene	8.06	225	265052	54.73	ng	98
35) Caprolactam	8.42	113	8212m	3.28	ng	
36) 4-Chloro-3-methylphenol	8.50	107	411192	42.56	ng	89
37) 2-Methylnaphthalene	8.64	142	1057479	53.30	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	503105	51.32	ng	98
40) Hexachlorocyclopentadiene	8.80	237	344544	89.70	ng	99

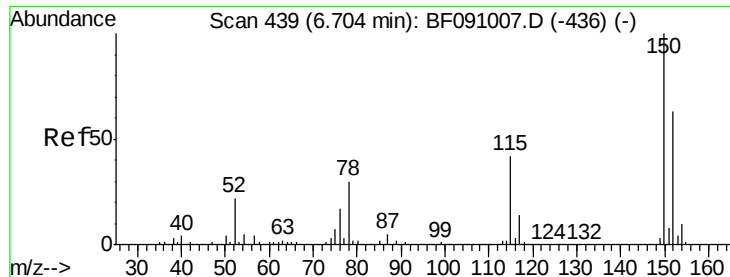
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	317150	50.11	nq	98
43) 2,4,5-Trichlorophenol	8.98	196	327339	49.26	nq	97
45) 1,1'-Biphenyl	9.10	154	1218404	43.39	nq	98
46) 2-Chloronaphthalene	9.13	162	998753	46.85	nq	99
47) 2-Nitroaniline	9.24	65	327064	41.34	nq	# 67
48) Acenaphthylene	9.54	152	1391504	41.89	nq	97
49) Dimethylphthalate	9.42	163	1345085	53.35	nq	98
50) 2,6-Dinitrotoluene	9.48	165	291010	53.85	nq	# 65
51) Acenaphthene	9.71	154	1055211	50.59	nq	99
52) 3-Nitroaniline	9.65	138	82234	12.83	nq	# 83
53) 2,4-Dinitrophenol	9.77	184	278825	93.58	nq	96
54) Dibenzofuran	9.88	168	1497286	53.33	nq	99
55) 4-Nitrophenol	9.84	139	115421m	30.84	nq	
56) 2,4-Dinitrotoluene	9.89	165	419710	61.05	nq	# 74
57) Fluorene	10.22	166	1178397	51.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	297805	57.21	nq	# 99
59) Diethylphthalate	10.11	149	1303407	50.42	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	559531	53.57	nq	97
61) 4-Nitroaniline	10.27	138	267765m	41.31	nq	
62) Azobenzene	10.37	77	1352299m	44.44	nq	
64) 4,6-Dinitro-2-methylphenol	10.29	198	191539	49.45	nq	# 39
65) n-Nitrosodiphenylamine	10.34	169	1138216	56.61	nq	100
66) 4-Bromophenyl-phenylether	10.70	248	380412	57.81	nq	# 85
67) Hexachlorobenzene	10.77	284	452255	62.32	nq	# 90
68) Atrazine	10.89	200	350979	60.50	nq	100
69) Pentachlorophenol	10.98	266	402282	125.15	nq	99
70) Phenanthrene	11.18	178	2137577	63.56	nq	99
71) Anthracene	11.23	178	1753409	49.04	nq	98
72) Carbazole	11.39	167	1557431	48.34	nq	99
73) Di-n-butylphthalate	11.73	149	2211457	54.57	nq	100
74) Fluoranthene	12.36	202	1755058	50.32	nq	93
76) Benzidine	12.49	184	432143	42.66	nq	98
77) Pyrene	12.59	202	1868292	62.92	nq	99
79) Butylbenzylphthalate	13.22	149	913047	64.29	nq	# 75
80) Benzo(a)anthracene	13.77	228	1490227	57.89	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	297834	32.93	nq	99
82) Chrysene	13.81	228	1599302	63.01	nq	97
83) Bis(2-ethylhexyl)phthalate	13.78	149	1054159	54.85	nq	# 94
84) Di-n-octyl phthalate	14.39	149	1816075	57.47	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.43	276	1304694	61.95	nq	94
87) Benzo(b)fluoranthene	14.77	252	1793772m	67.54	nq	
88) Benzo(k)fluoranthene	14.81	252	1015061m	43.57	nq	
89) Benzo(a)pyrene	15.09	252	1223016	52.90	nq	# 97
90) Dibenzo(a,h)anthracene	16.43	278	1105615	55.32	nq	99
91) Benzo(g,h,i)perylene	16.81	276	1039172	57.49	nq	# 91

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

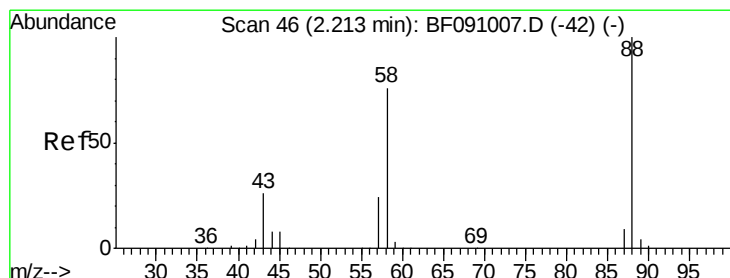
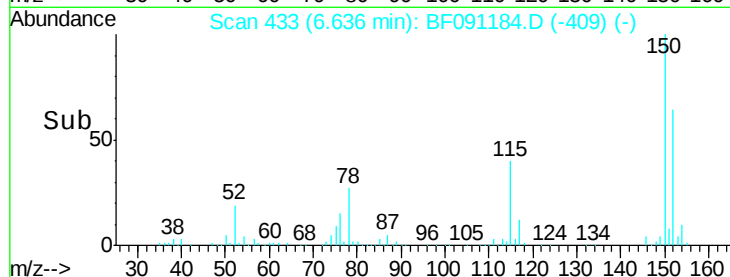
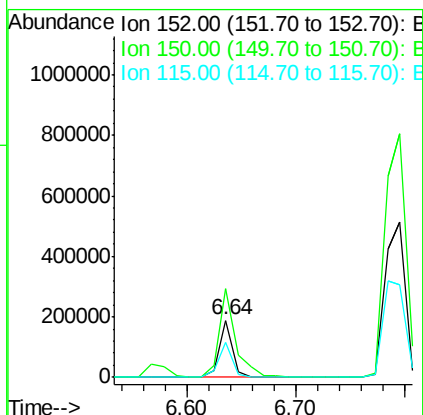
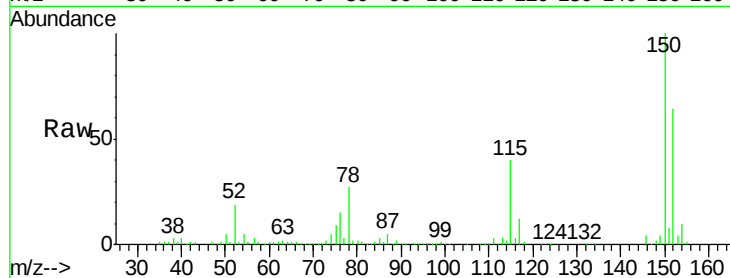


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Instrument :
BNA_F
ClientSampleId :
C19023041MSD

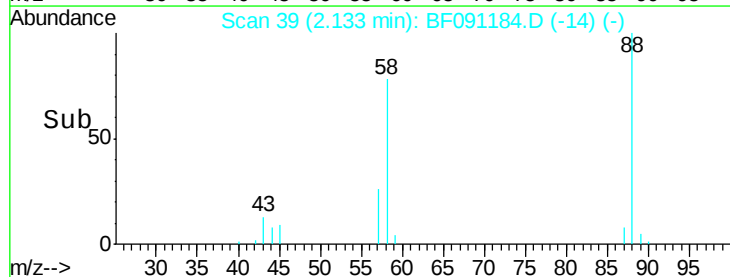
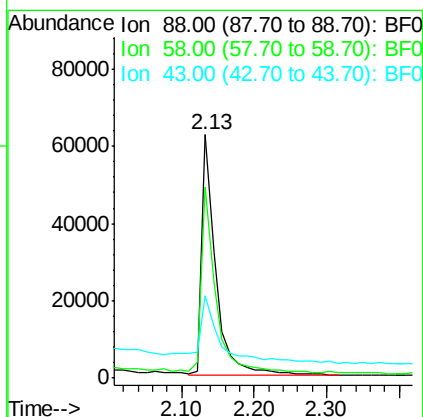
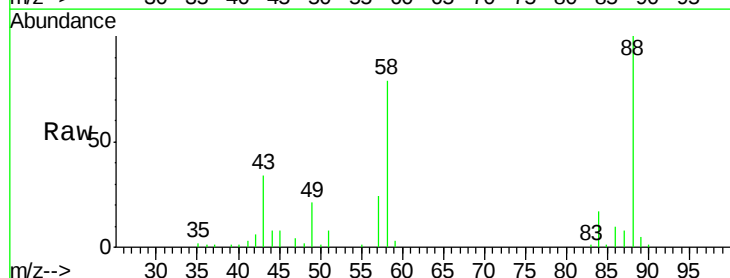
Tot Ion:152 Resp: 161829
Ion Ratio Lower Upper
152 100
150 156.8 126.8 190.2
115 62.2 53.3 79.9

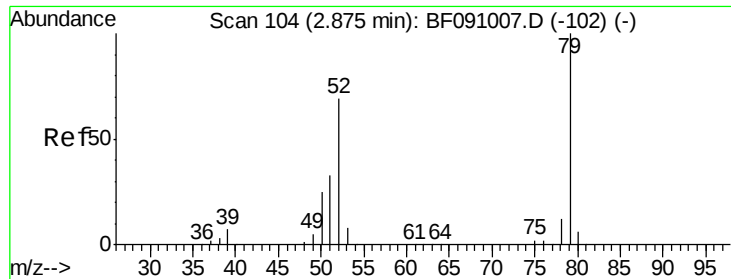


#2

1,4-Dioxane
Concen: 15.04 ng
RT: 2.13 min Scan# 39
Delta R.T. -0.01 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Tgt Ion: 88 Resp: 84329
Ion Ratio Lower Upper
88 100
58 77.7 63.8 95.6
43 44.2 22.6 33.8#





#3

Pvridine

Concen: 15.90 ng

RT: 2.80 min Scan# 97

Delta R.T. 0.01 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

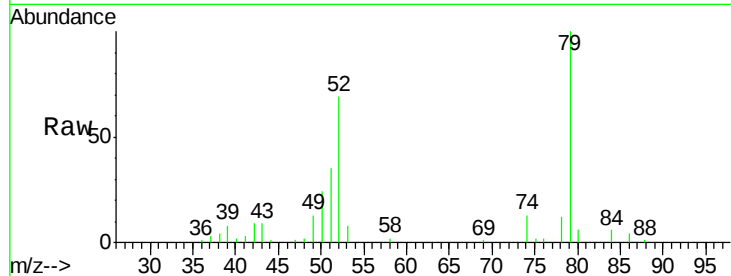
Tot Ion: 79 Resp: 208453

Ion Ratio Lower Upper

79 100

52 69.1 55.4 83.0

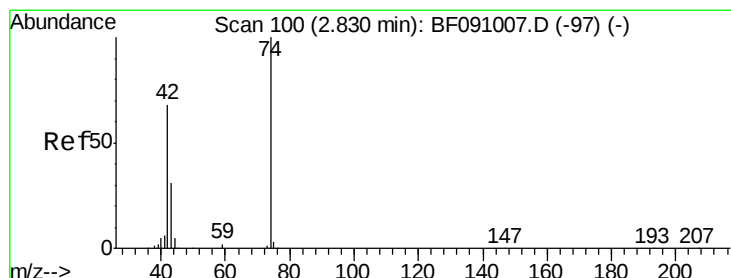
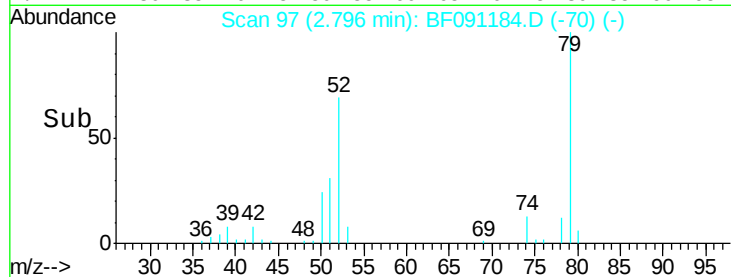
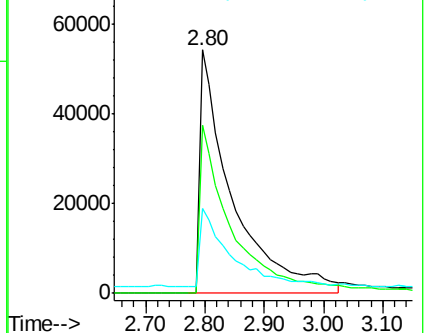
51 35.0 27.4 41.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 18.81 ng

RT: 2.74 min Scan# 92

Delta R.T. -0.01 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

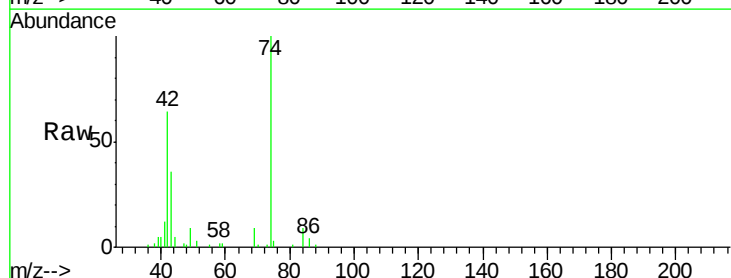
Tgt Ion: 42 Resp: 97571

Ion Ratio Lower Upper

42 100

74 156.3 117.3 175.9

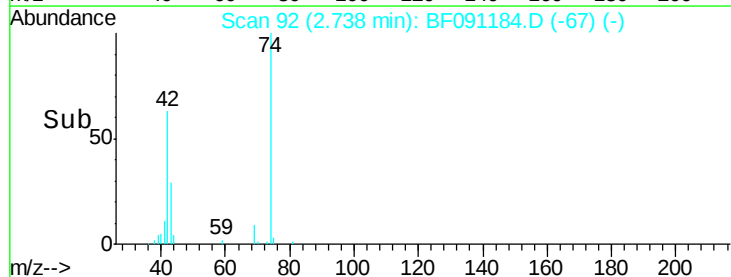
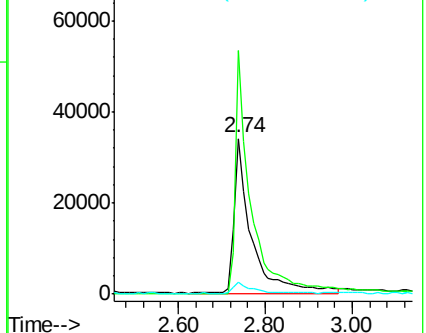
44 7.6 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 68.91 ng

RT: 5.22 min Scan# 309

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Instrument :

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ClientSampleId :

C19023041MSD

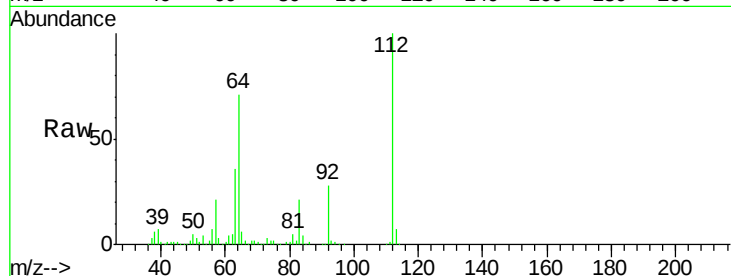
Tot Ion:112 Resp: 675264

Ion Ratio Lower Upper

112 100

64 70.6 55.8 83.6

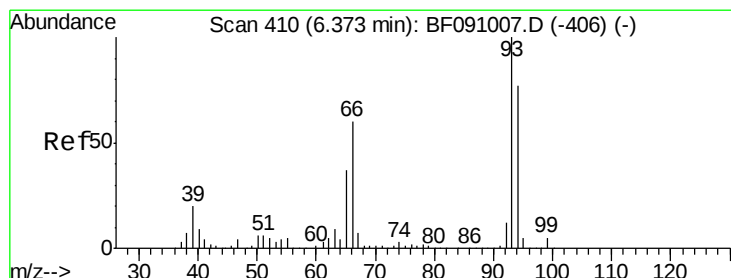
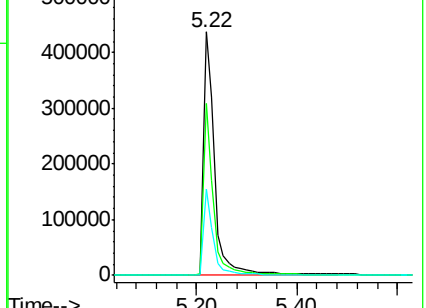
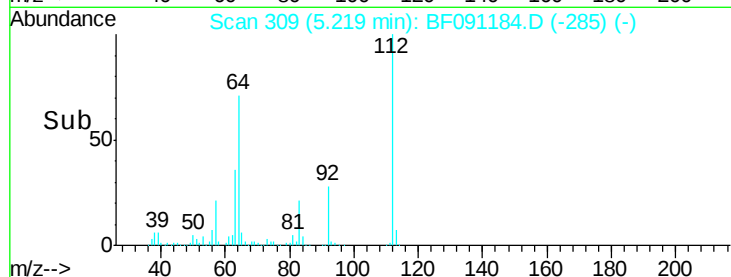
63 35.5 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.06 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

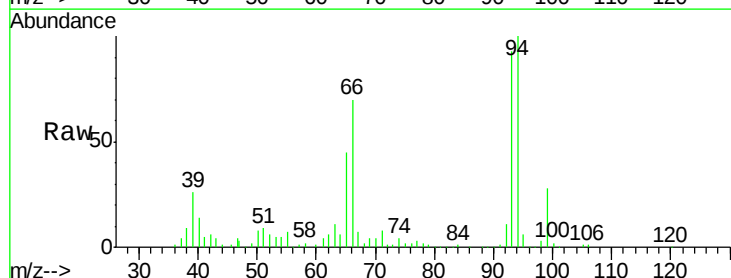
Tgt Ion: 93 Resp: 299077

Ion Ratio Lower Upper

93 100

66 75.3 48.2 72.2#

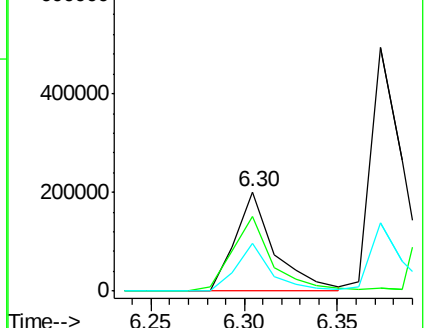
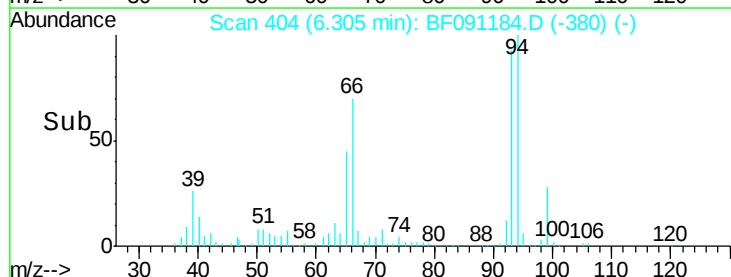
65 47.9 29.4 44.0#

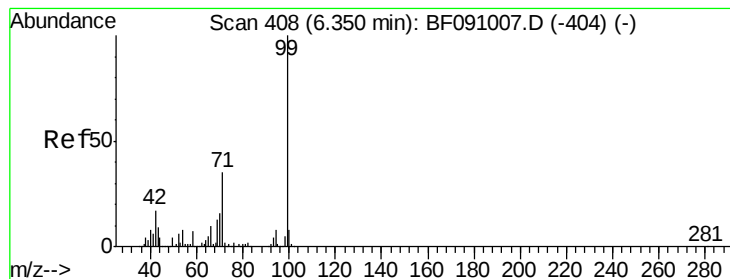


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 42.27 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Instrument :

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ClientSampleId :

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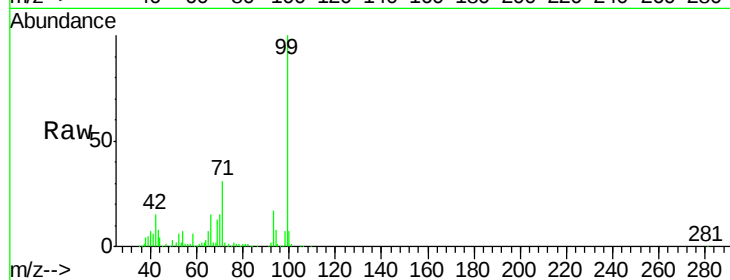
Tot Ion: 99 Resp: 562167

Ion Ratio Lower Upper

99 100

42 14.6 13.9 20.9

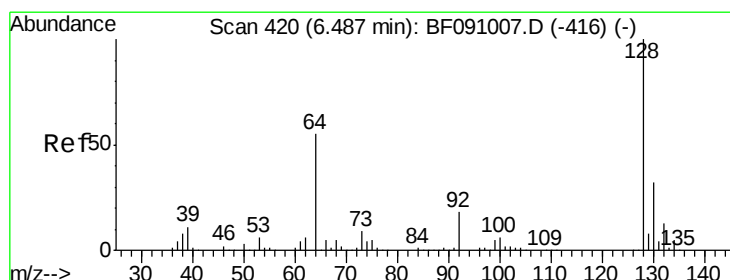
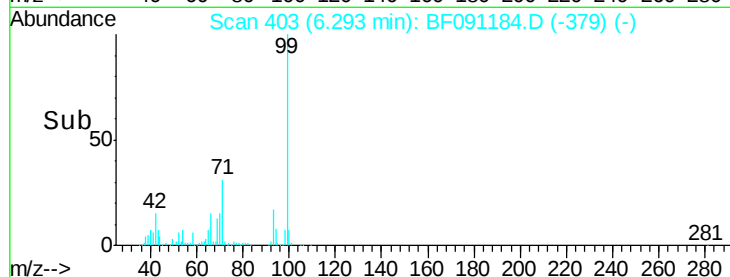
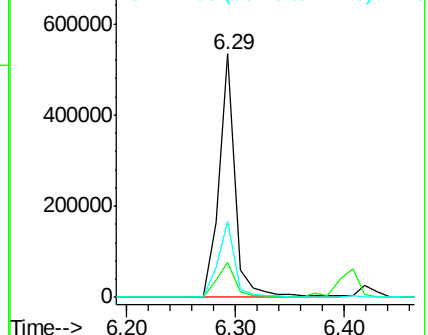
71 31.1 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.43 ng

RT: 6.42 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

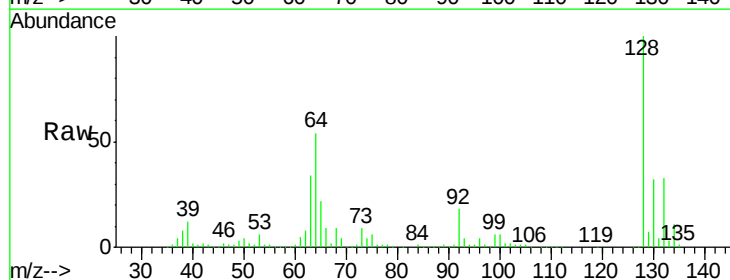
Tgt Ion: 128 Resp: 484219

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

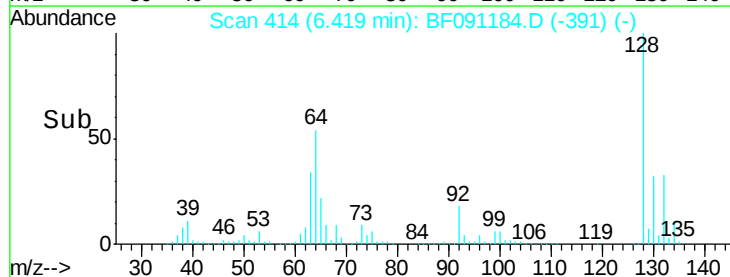
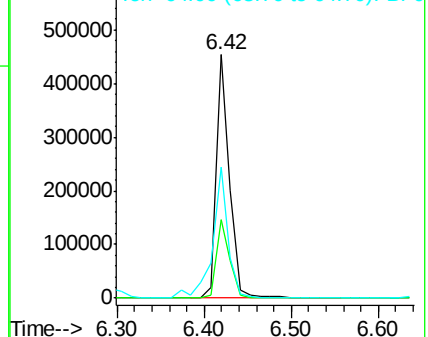
64 53.8 37.2 77.2

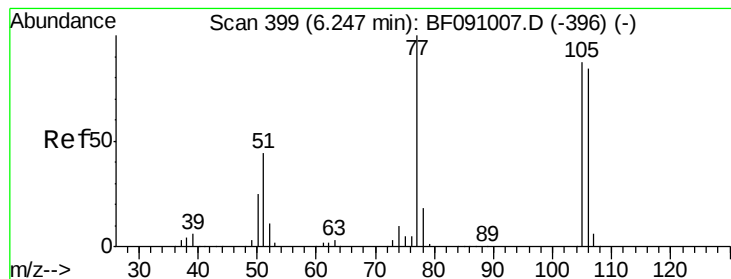


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.38 ng

RT: 6.19 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

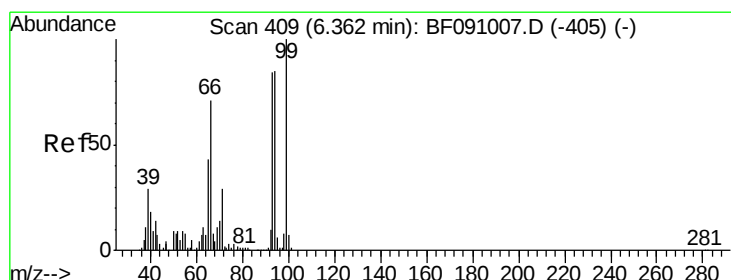
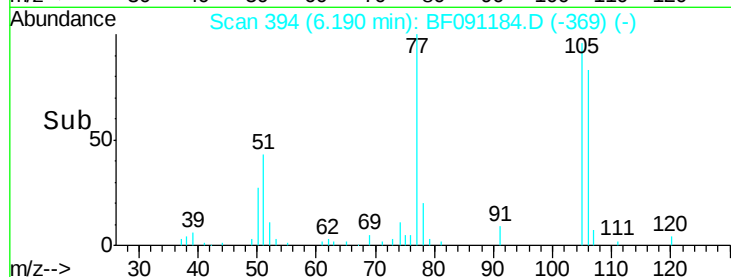
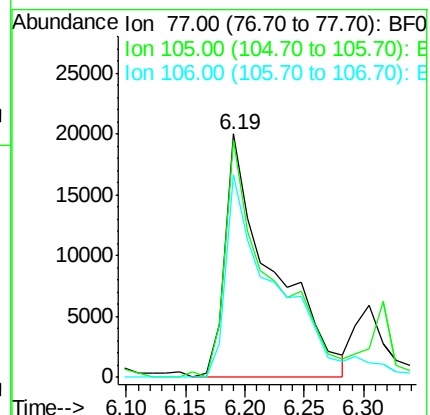
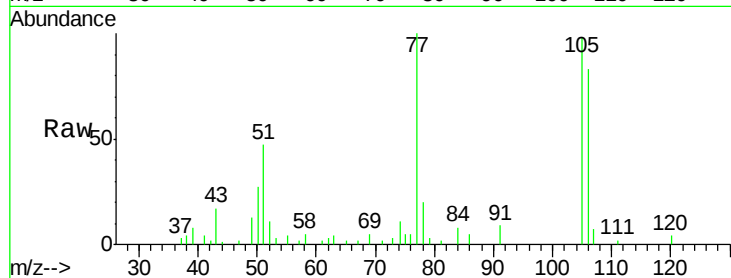
Tot Ion: 77 Resp: 54456

Ion Ratio Lower Upper

77 100

105 97.6 66.8 106.8

106 83.3 64.0 104.0



#10

Phenol

Concen: 16.55 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

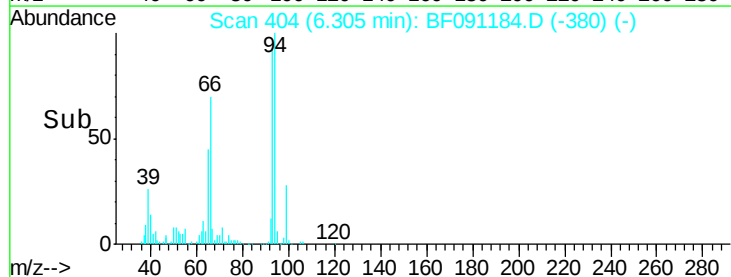
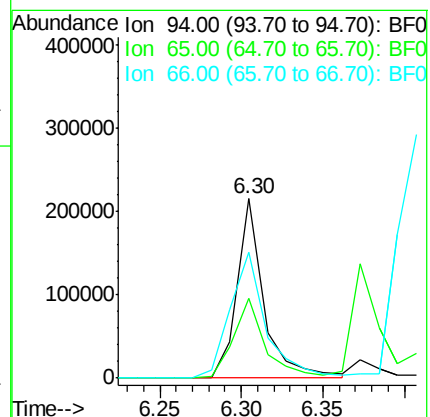
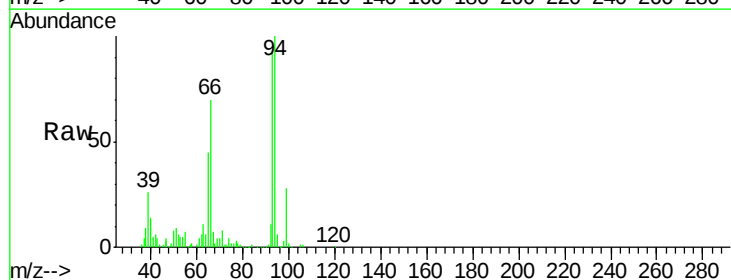
Tgt Ion: 94 Resp: 243600

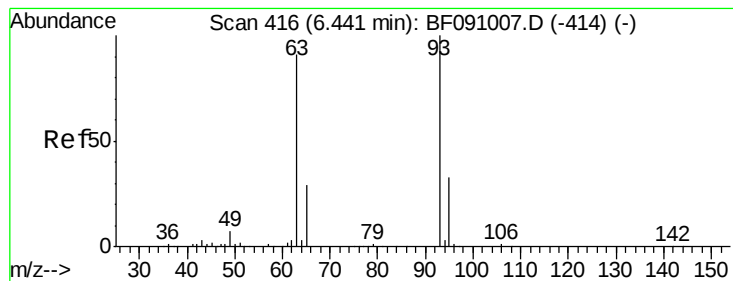
Ion Ratio Lower Upper

94 100

65 44.6 30.4 70.4

66 70.2 62.9 102.9

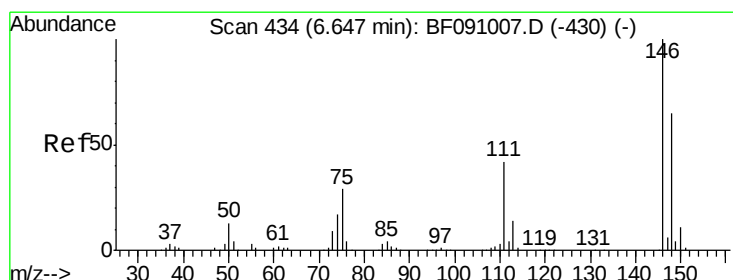
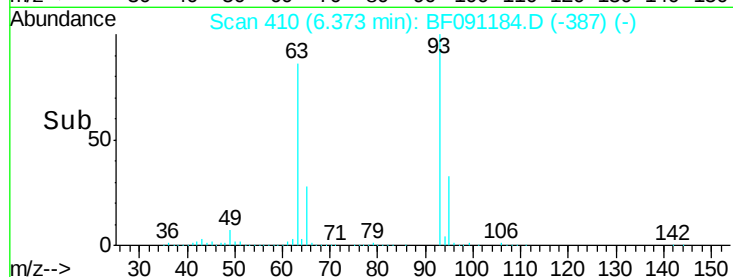
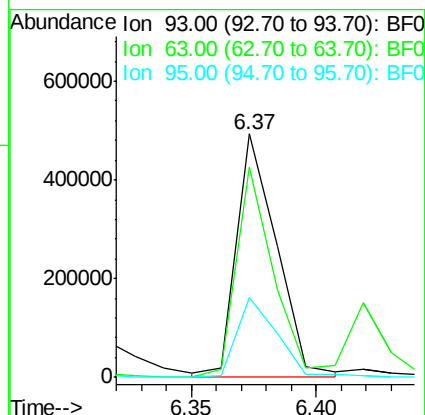
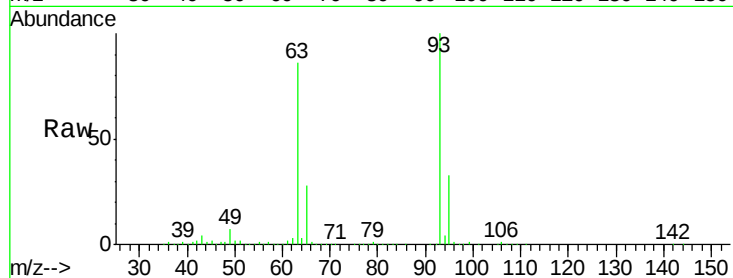




#11
 bis(2-Chloroethyl)ether
 Concen: 44.57 ng m
 RT: 6.37 min Scan# 410
 Delta R.T. -0.03 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

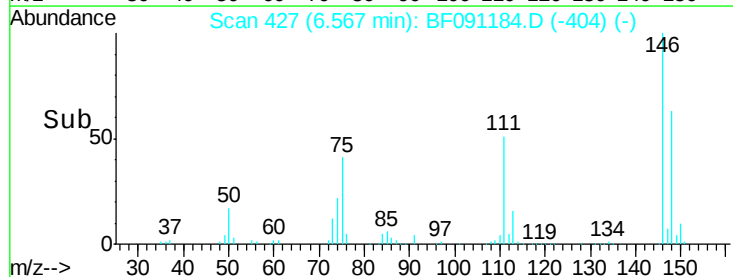
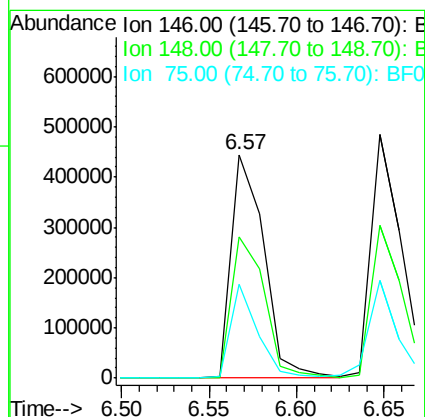
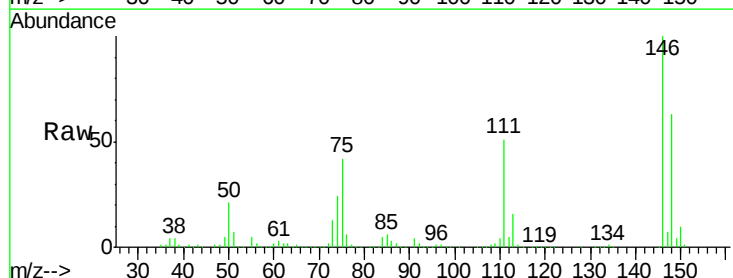
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

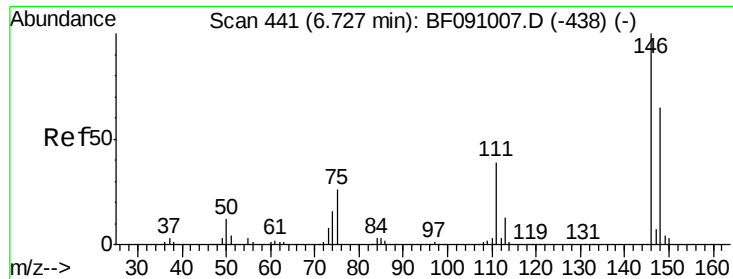
Tot Ion: 93 Resp: 552841
 Ion Ratio Lower Upper
 93 100
 63 86.4 68.9 108.9
 95 32.8 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 48.83 ng m
 RT: 6.57 min Scan# 427
 Delta R.T. -0.03 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

Tgt Ion: 146 Resp: 577248
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.0 78.0
 75 41.8 23.0 34.6#

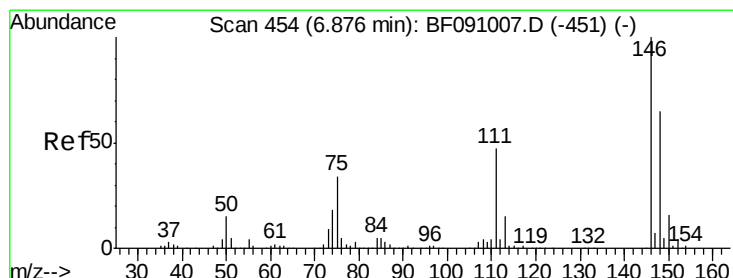
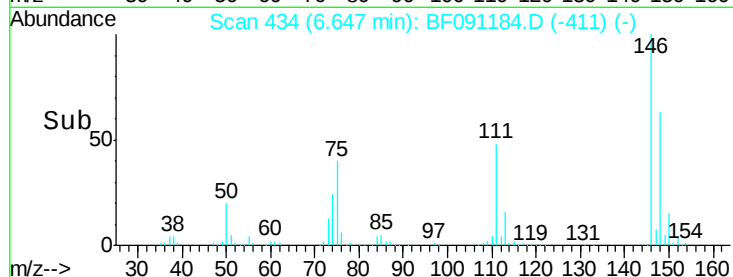
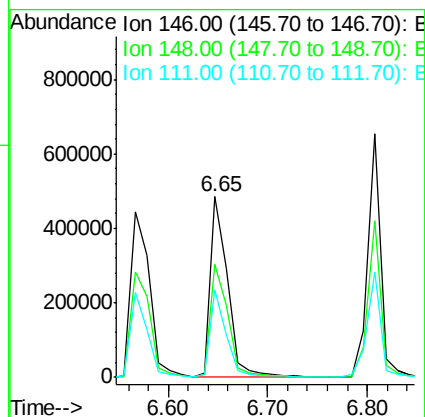
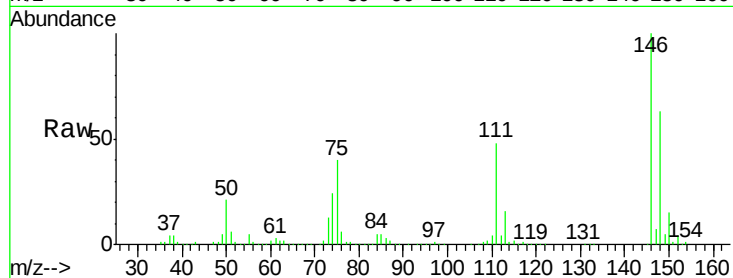




#13
 1,4-Dichlorobenzene
 Concen: 47.67 ng/mL
 RT: 6.65 min Scan# 434
 Delta R.T. -0.03 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

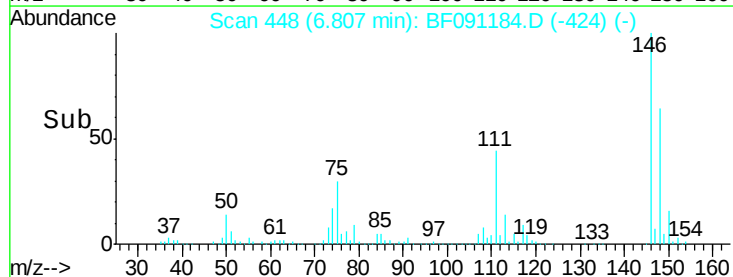
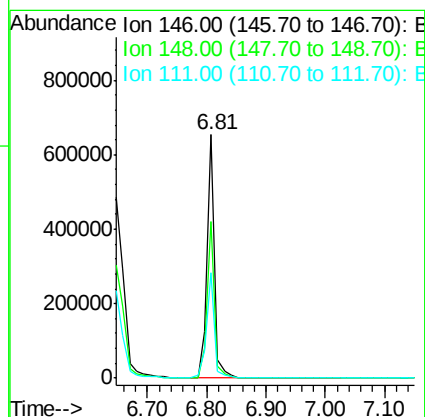
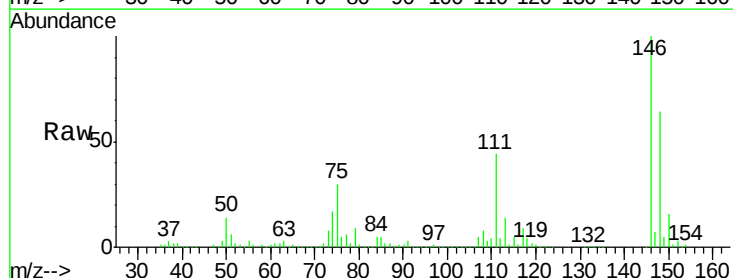
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

Tot Ion:146 Resp: 604584
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.1 78.1
 111 48.4 31.6 47.4#



#14
 1,2-Dichlorobenzene
 Concen: 51.13 ng/mL
 RT: 6.81 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

Tgt Ion:146 Resp: 595166
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.6 77.4
 111 43.5 37.3 55.9





#15

Benzyl Alcohol

Concen: 30.93 ng

RT: 6.80 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

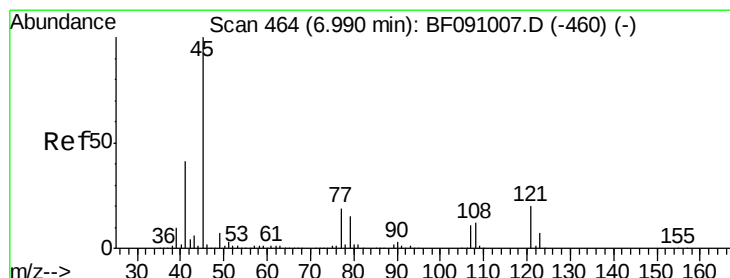
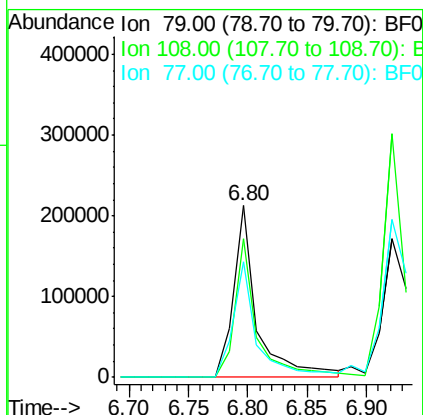
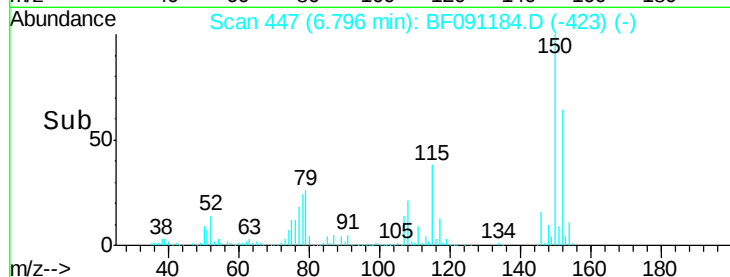
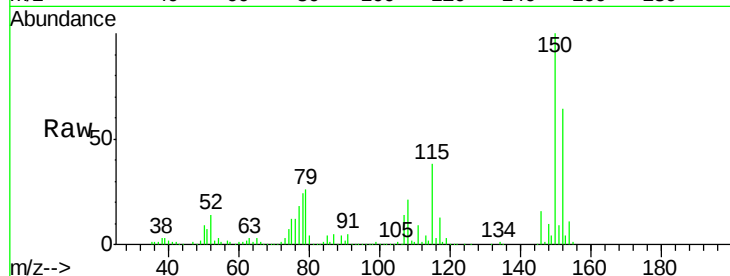
Tot Ion: 79 Resp: 290174

Ion Ratio Lower Upper

79 100

108 80.5 55.7 83.5

77 67.0 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.31 ng

RT: 6.93 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

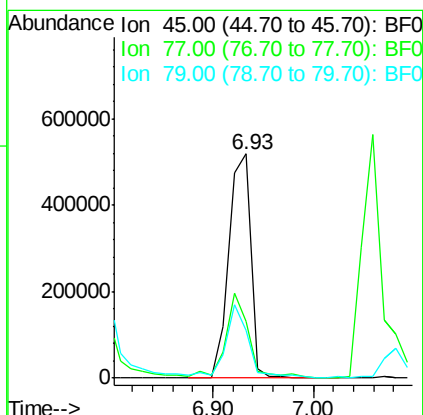
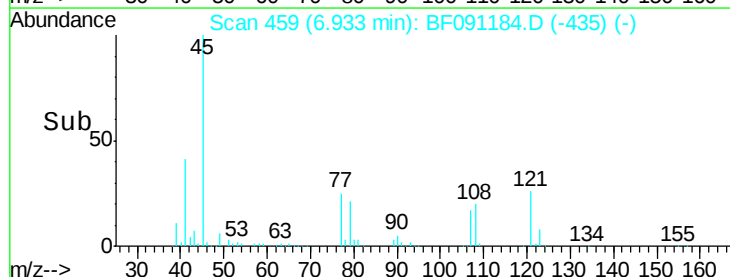
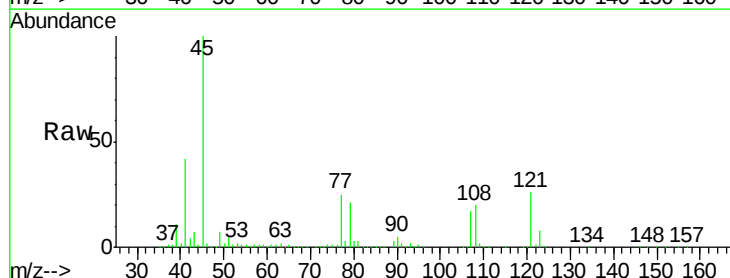
Tgt Ion: 45 Resp: 786989

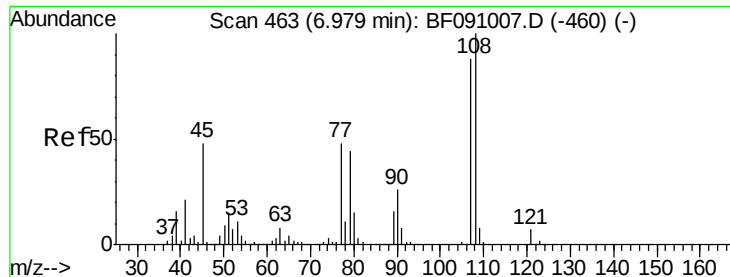
Ion Ratio Lower Upper

45 100

77 25.0 0.0 39.6

79 21.1 0.0 35.9

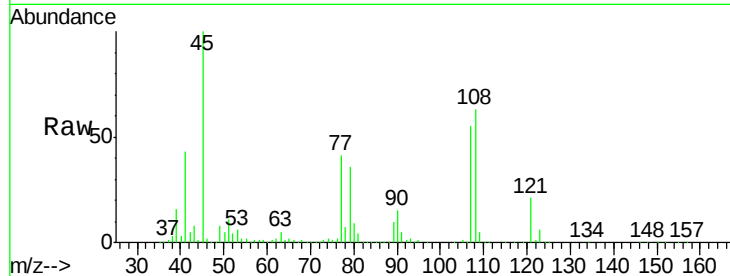




#17
2-Methylphenol
Concen: 34.32 ng
RT: 6.92 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Instrument :
BNA_F
ClientSampleId :
C19023041MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.0	136.6
77	74.3	43.8	65.8#
79	65.2	40.6	60.8#



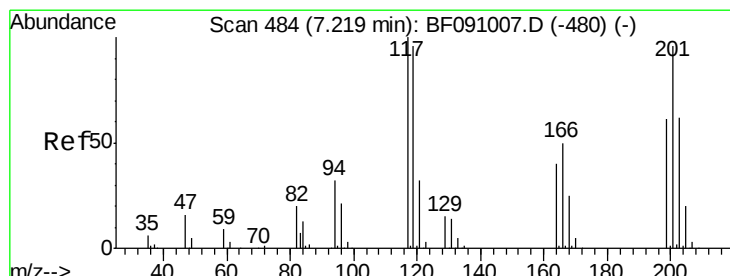
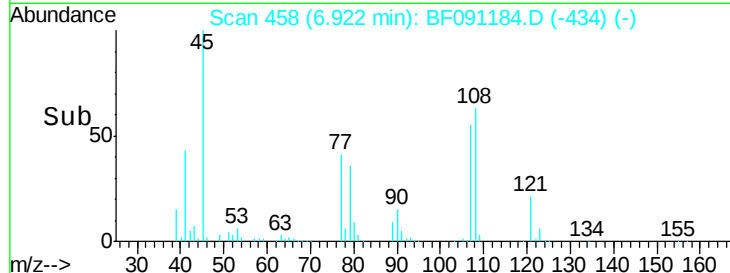
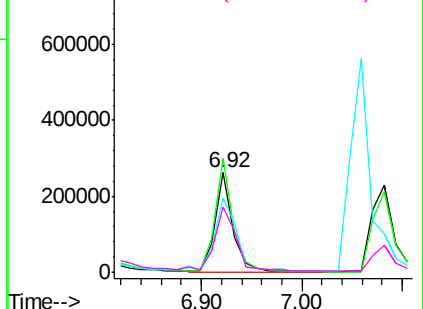
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

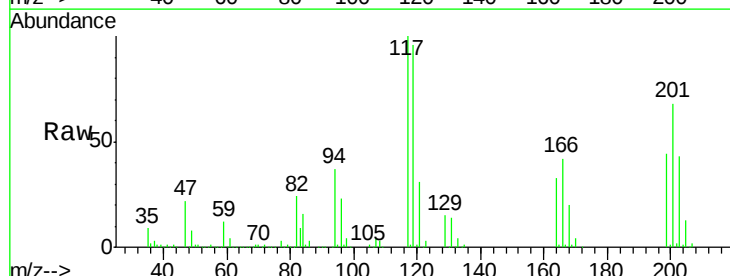
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 45.78 ng m
RT: 7.14 min Scan# 477
Delta R.T. -0.03 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.6	115.0
201	68.1	77.1	115.7#

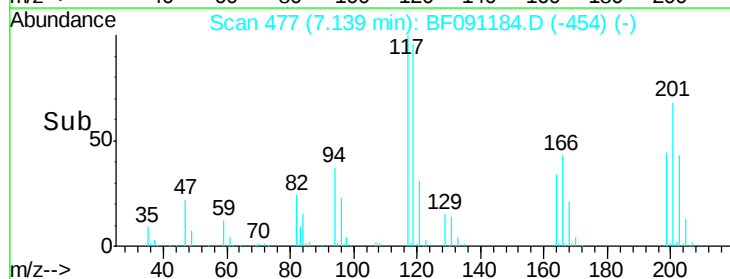
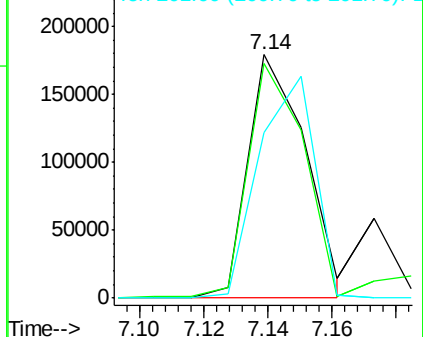


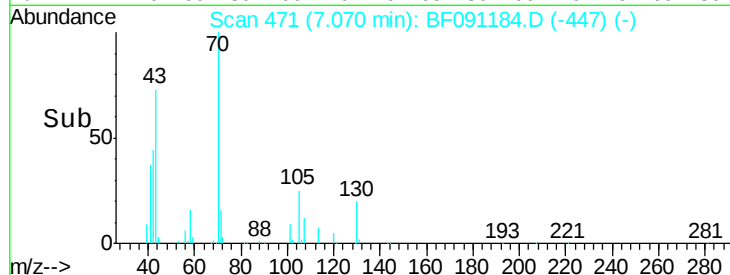
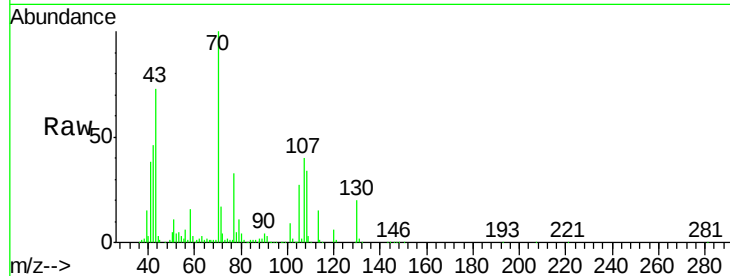
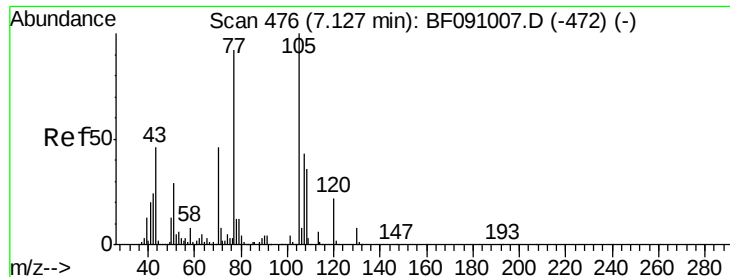
Abundance

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

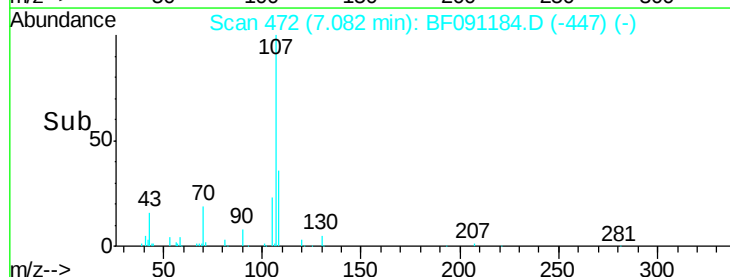
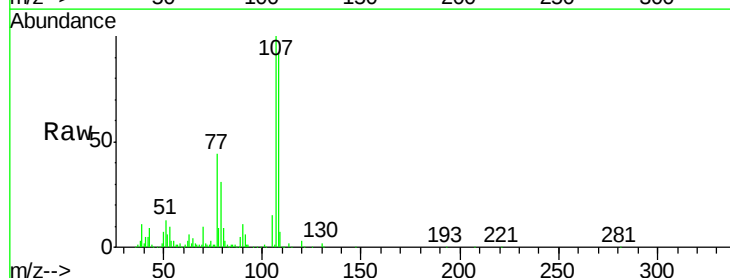
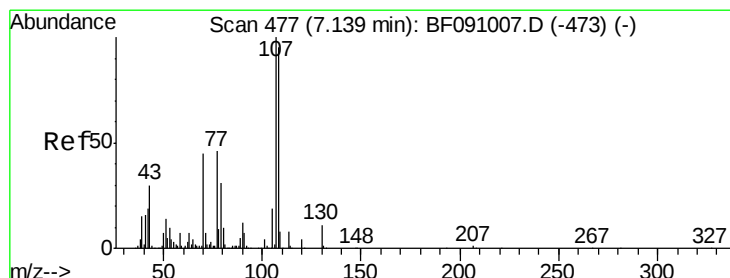
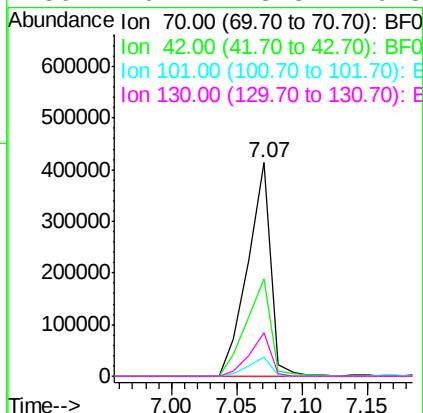




#19
n-Nitroso-di-n-propylamine
Concen: 55.10 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

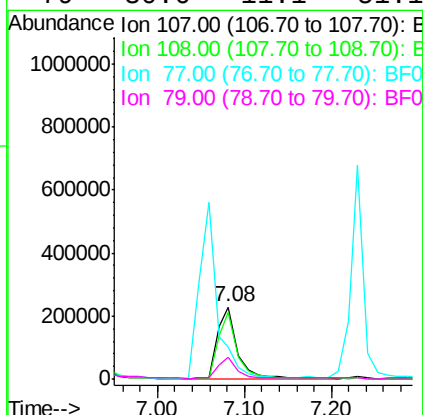
Instrument :
BNA_F
ClientSampleId :
C19023041MSD

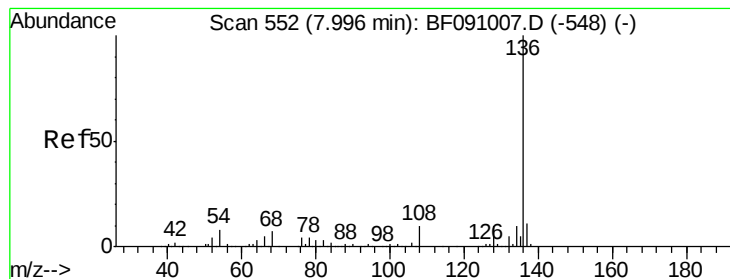
Tot Ion:	70	Resp:	507836
Ion	Ratio	Lower	Upper
70	100		
42	45.9	41.7	62.5
101	9.1	6.7	10.1
130	20.1	13.8	20.8



#20
3+4-Methylphenols
Concen: 33.14 ng
RT: 7.08 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Tgt Ion:	107	Resp:	368194
Ion	Ratio	Lower	Upper
107	100		
108	92.5	75.5	115.5
77	44.0	26.4	66.4
79	30.6	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

Tot Ion:136 Resp: 645329

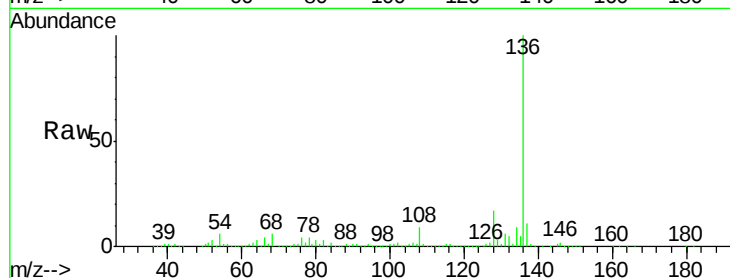
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 5.9 6.2 9.2#

68 5.5 5.5 8.3

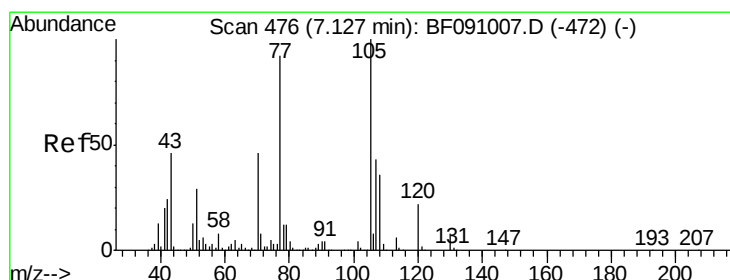
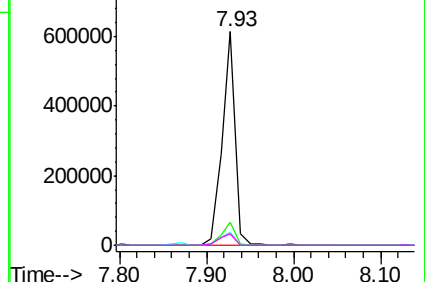
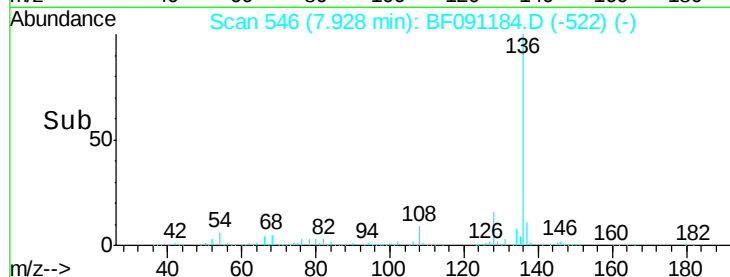


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 58.03 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Tgt Ion:105 Resp: 862183

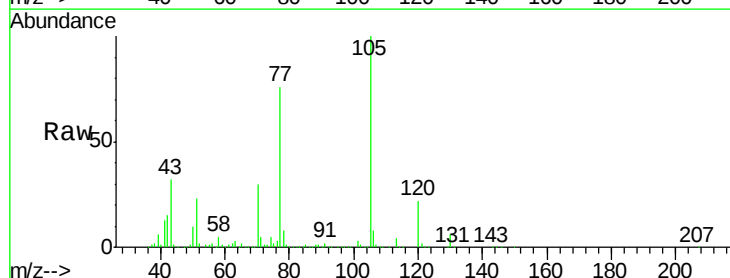
Ion Ratio Lower Upper

105 100

71 5.0 6.2 9.2#

51 23.3 23.3 34.9#

120 21.6 17.4 26.0

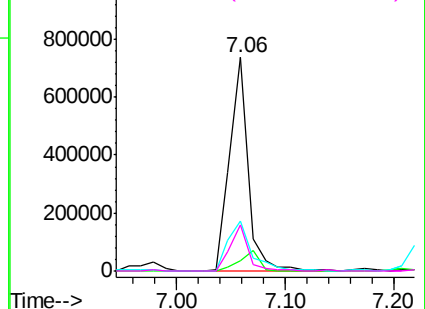
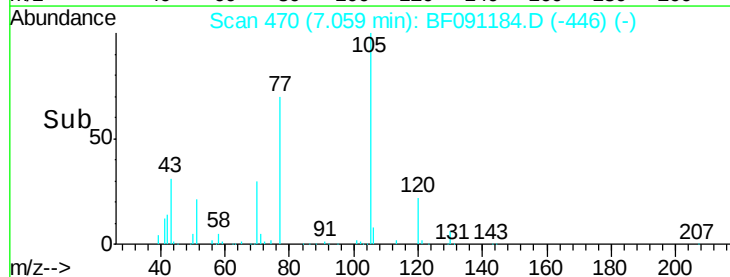


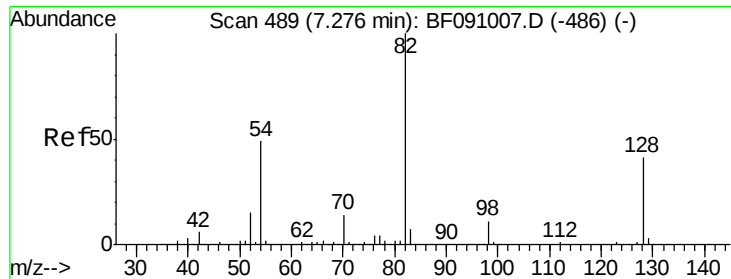
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

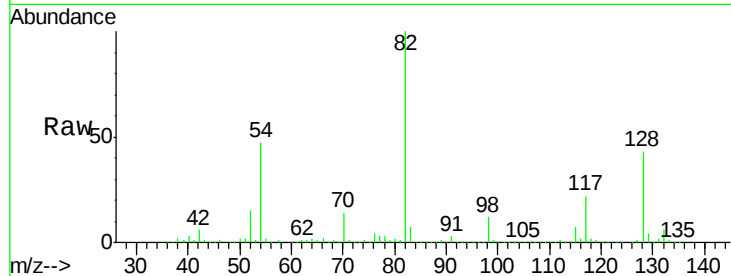




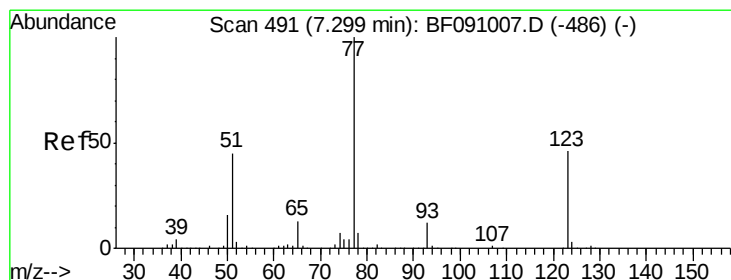
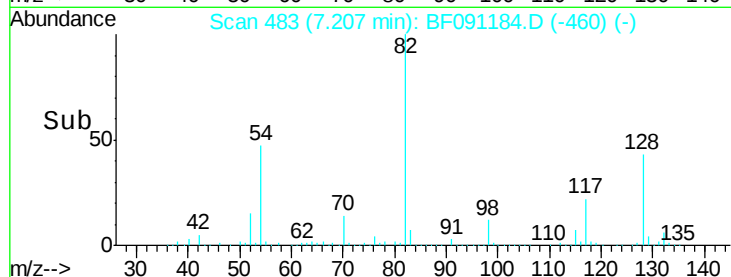
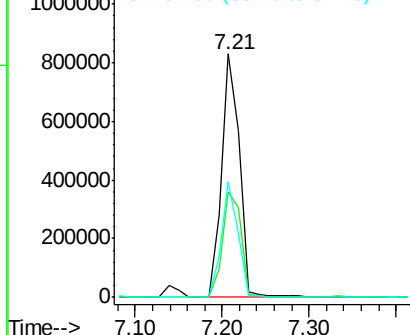
#23
 Nitrobenzene-d5
 Concen: 100.37 ng
 RT: 7.21 min Scan# 483
 Delta R.T. -0.03 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

Tot Ion: 82 Resp: 1187388
 Ion Ratio Lower Upper
 82 100
 128 43.1 32.4 48.6
 54 47.2 39.2 58.8

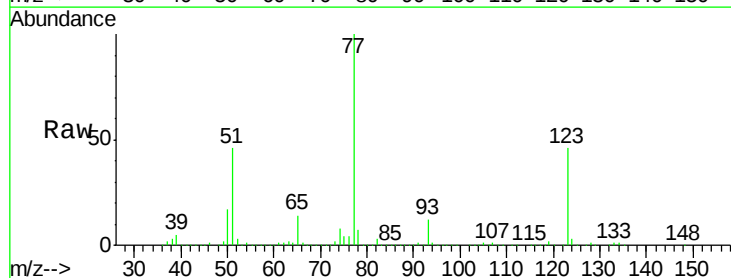


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

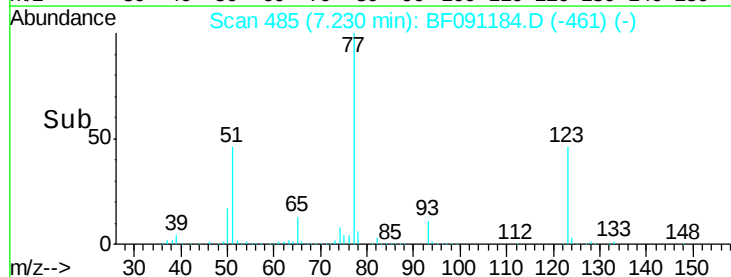
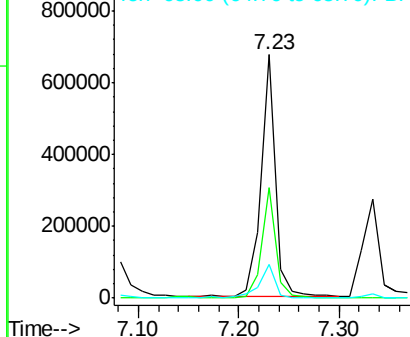


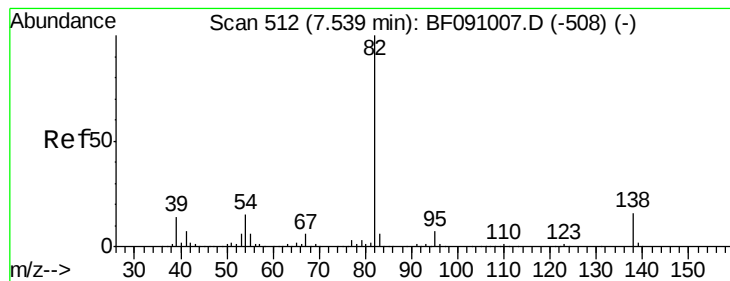
#24
 Nitrobenzene
 Concen: 52.43 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.02 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

Tgt Ion: 77 Resp: 685020
 Ion Ratio Lower Upper
 77 100
 123 45.6 36.5 54.7
 65 13.8 10.7 16.1



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: 47.20 ng

RT: 7.47 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

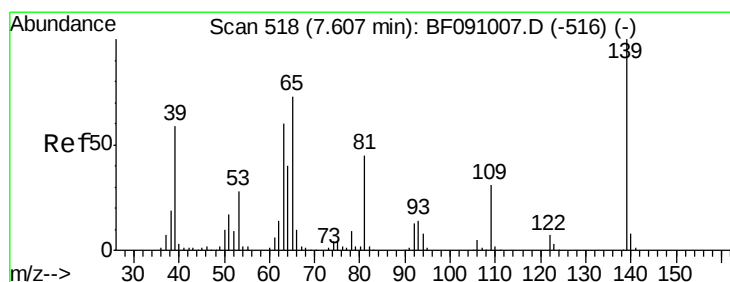
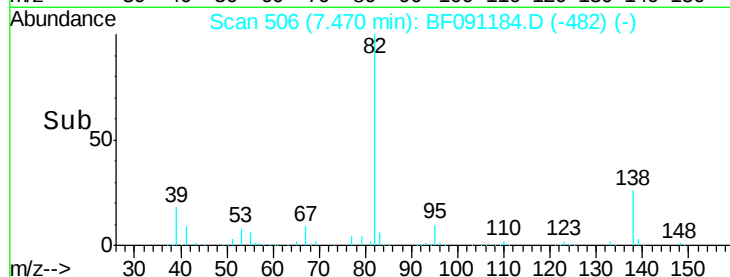
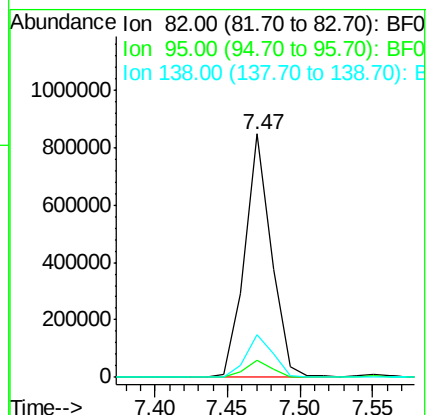
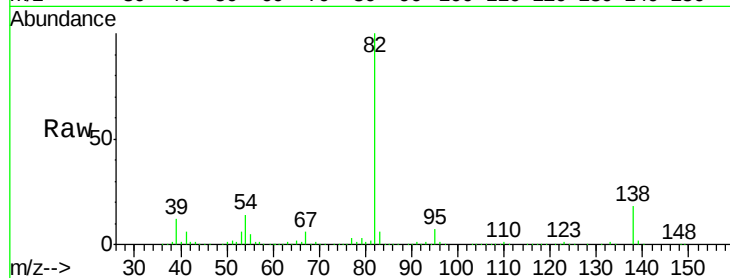
Tot Ion: 82 Resp: 1075845

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

138 17.5 13.0 19.4



#26

2-Nitrophenol

Concen: 54.69 ng

RT: 7.55 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

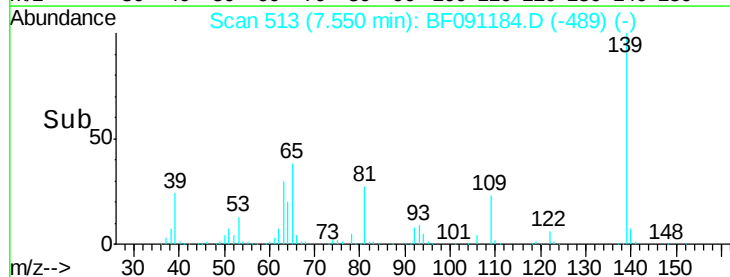
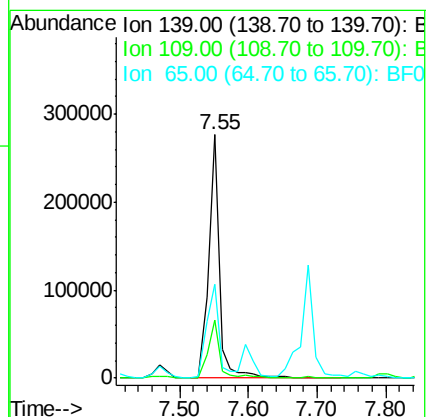
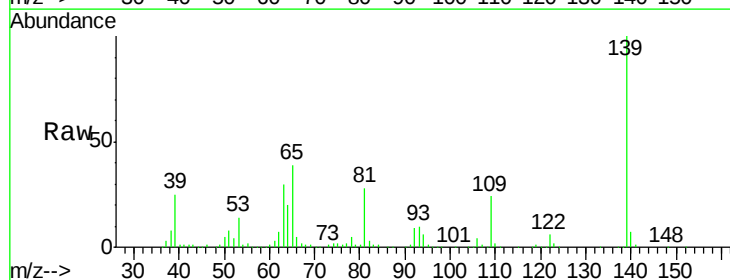
Tgt Ion: 139 Resp: 302389

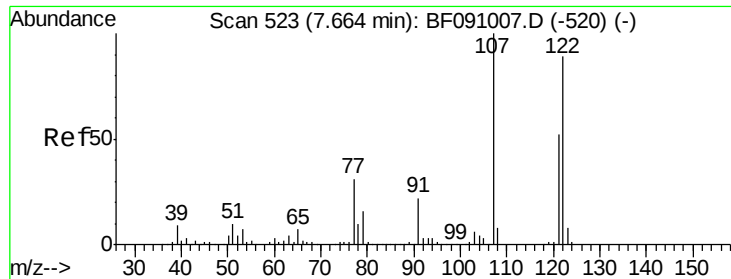
Ion Ratio Lower Upper

139 100

109 23.6 24.7 37.1#

65 38.6 58.3 87.5#

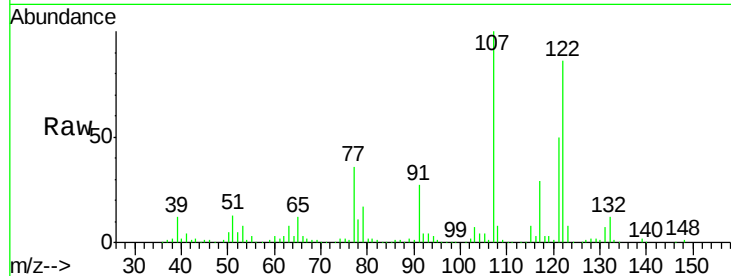




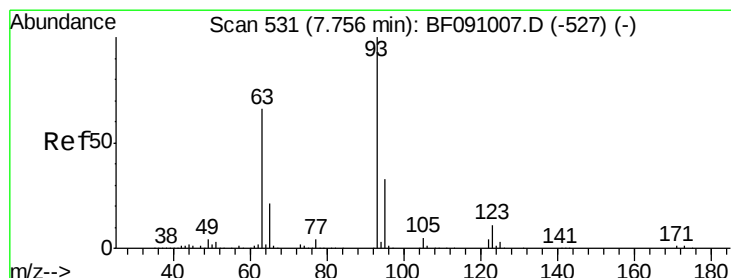
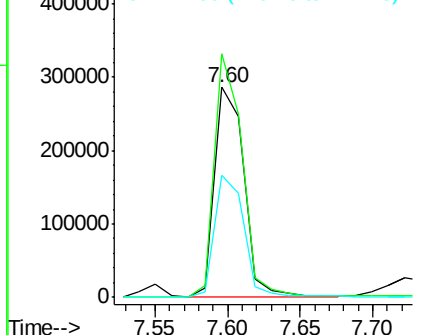
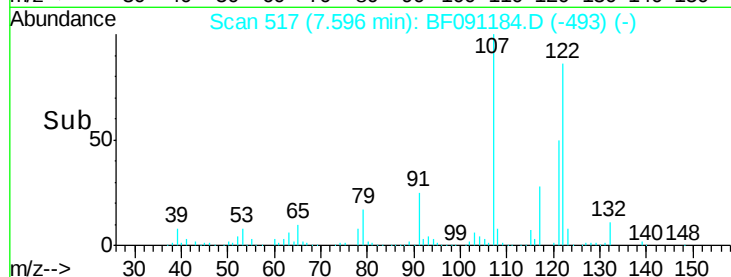
#27
 2,4-Dimethylphenol
 Concen: 44.08 ng
 RT: 7.60 min Scan# 517
 Delta R.T. -0.02 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

Tot Ion:122 Resp: 403044
 Ion Ratio Lower Upper
 122 100
 107 115.9 89.6 134.4
 121 58.0 46.3 69.5

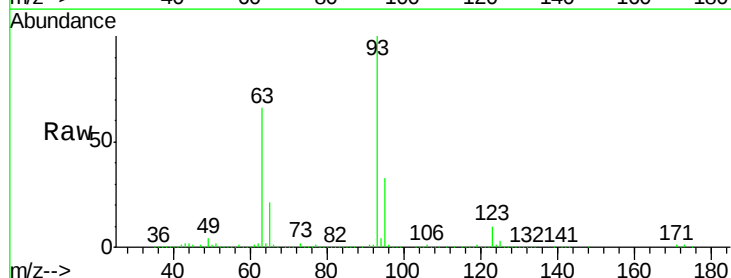


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

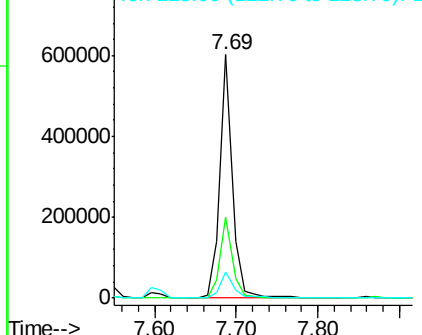
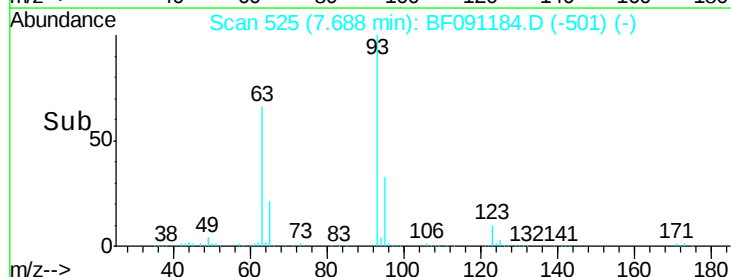


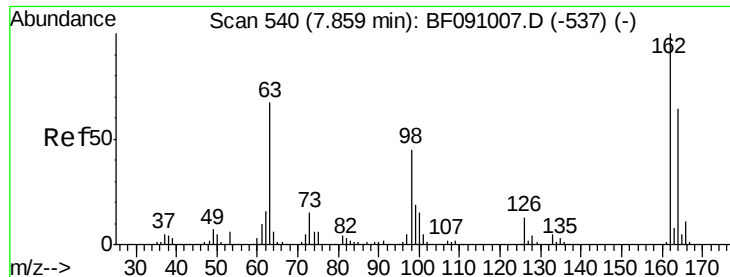
#28
 bis(2-Chloroethoxy)methane
 Concen: 51.43 ng
 RT: 7.69 min Scan# 525
 Delta R.T. -0.02 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

Tgt Ion: 93 Resp: 640463
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.3 39.5
 123 10.5 8.7 13.1



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

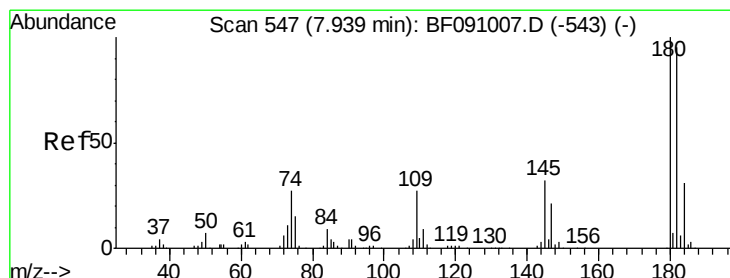
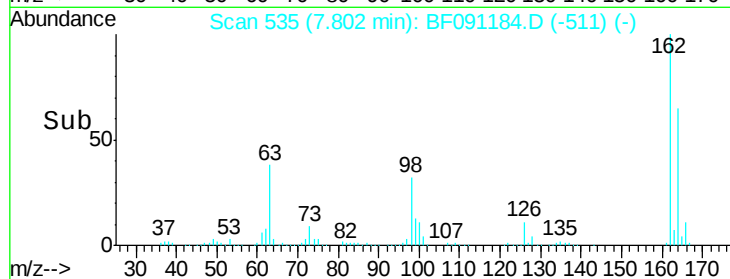
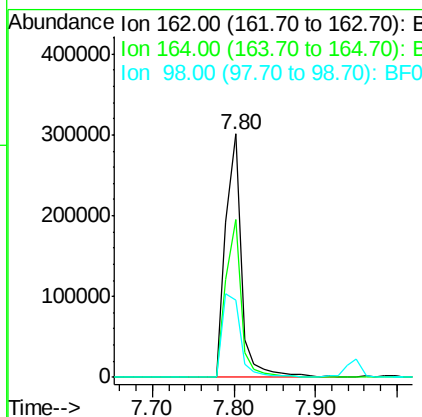
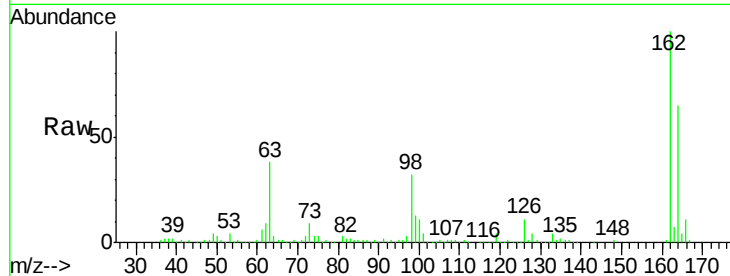




#29
 2,4-Dichlorophenol
 Concen: 50.85 ng
 RT: 7.80 min Scan# 535
 Delta R.T. -0.02 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

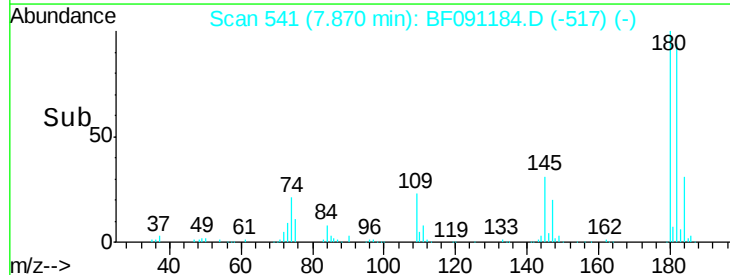
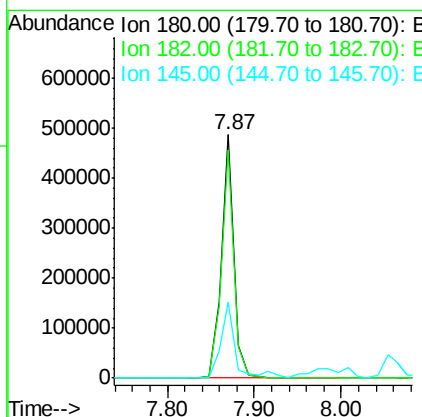
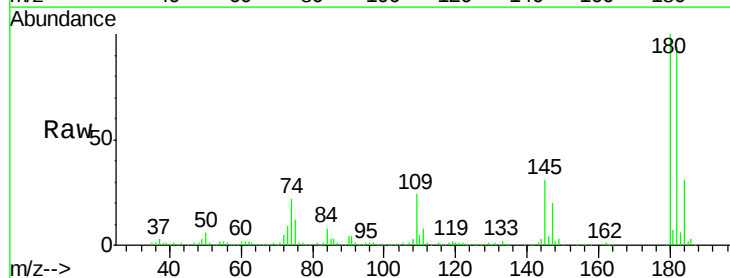
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

Tot Ion:162	Resp:	405780
Ion Ratio	Lower	Upper
162	100	
164	64.9	44.4 84.4
98	31.9	25.2 65.2



#30
 1,2,4-Trichlorobenzene
 Concen: 55.20 ng
 RT: 7.87 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

Tgt Ion:180	Resp:	495292
Ion Ratio	Lower	Upper
180	100	
182	93.8	76.0 114.0
145	31.0	25.8 38.8





#31

Naphthalene

Concen: 64.21 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

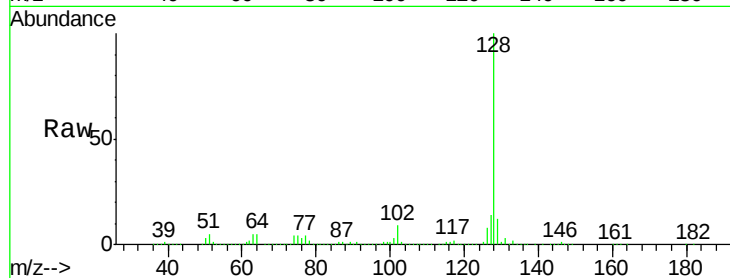
Tot Ion:128 Resp: 1981521

Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.6

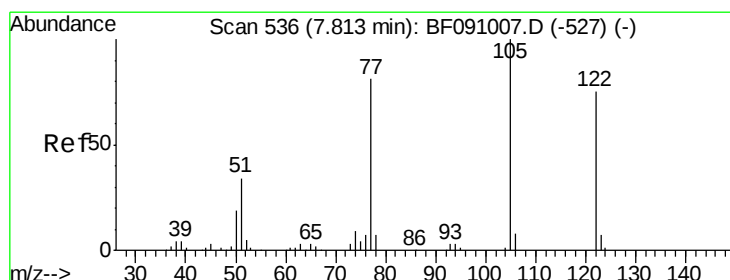
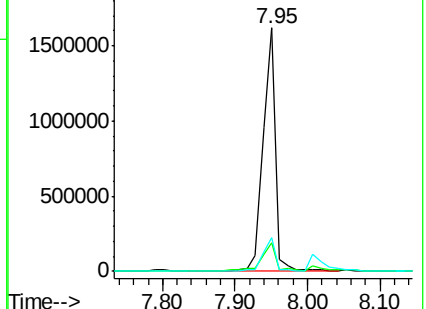
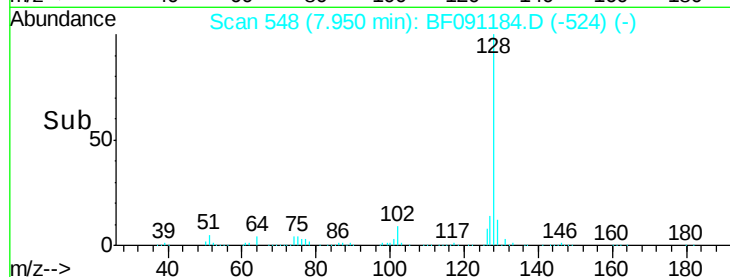
127 14.0 10.9 16.3



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: 13.56 ng

RT: 7.72 min Scan# 528

Delta R.T. -0.06 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

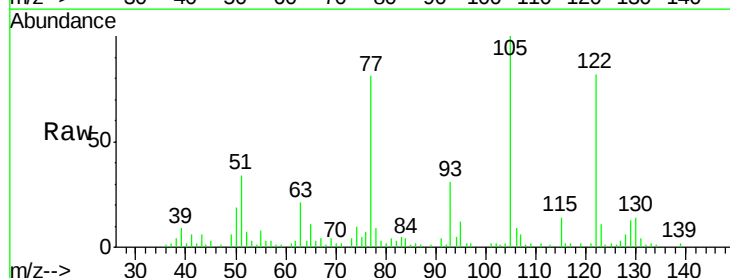
Tgt Ion:122 Resp: 67670

Ion Ratio Lower Upper

122 100

105 121.6 105.9 145.9

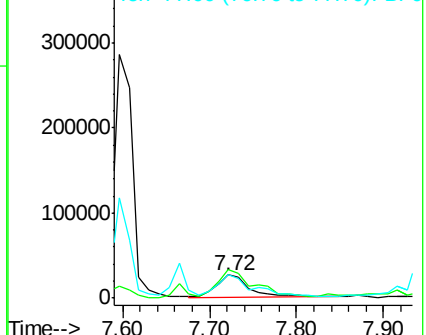
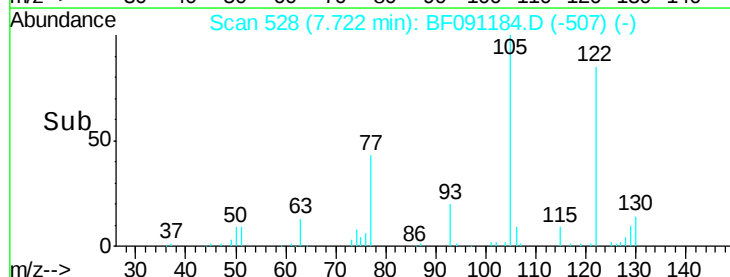
77 99.0 84.0 124.0

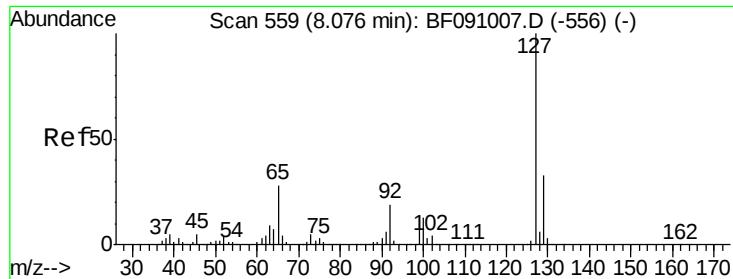


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

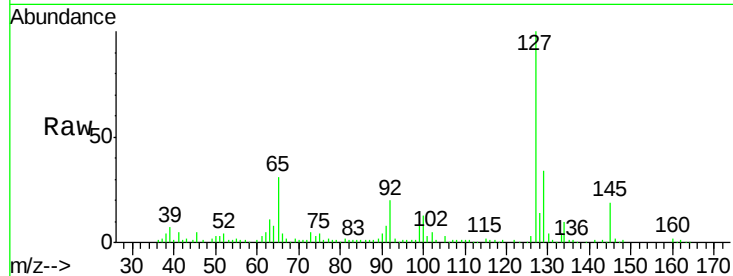




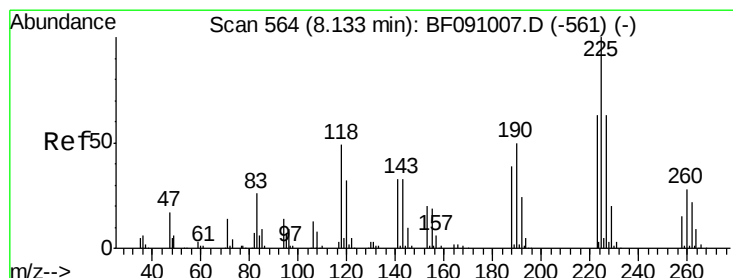
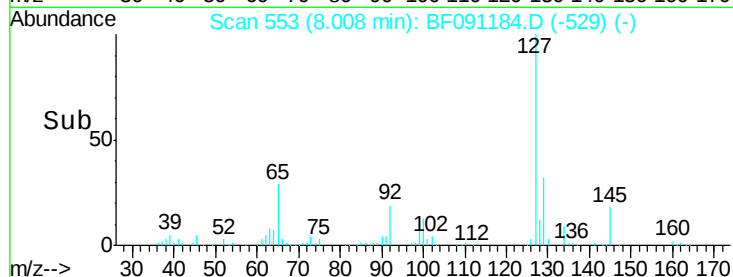
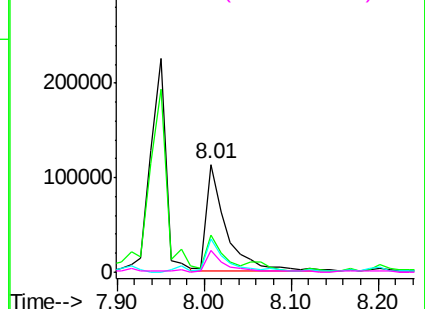
#33
4-Chloroaniline
Concen: 13.85 ng
RT: 8.01 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Instrument :
BNA_F
ClientSampleId :
C19023041MSD

Tot Ion:	127	Resp:	177751
Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.6	39.8
65	30.8	22.2	33.2
92	19.7	15.0	22.4

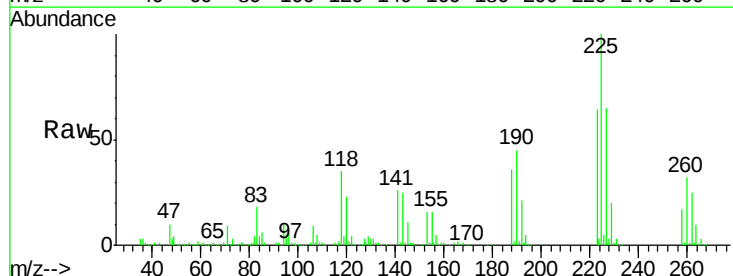


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

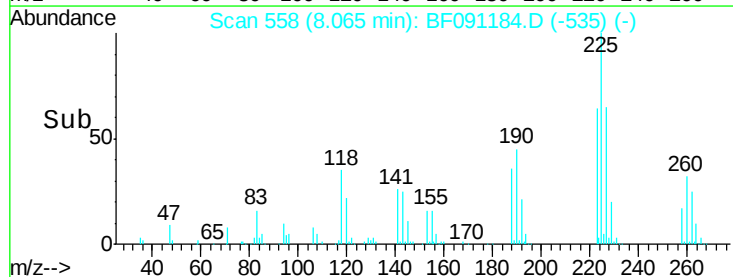
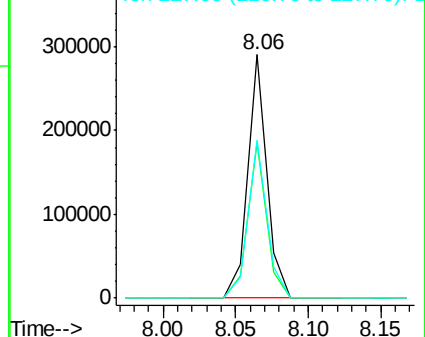


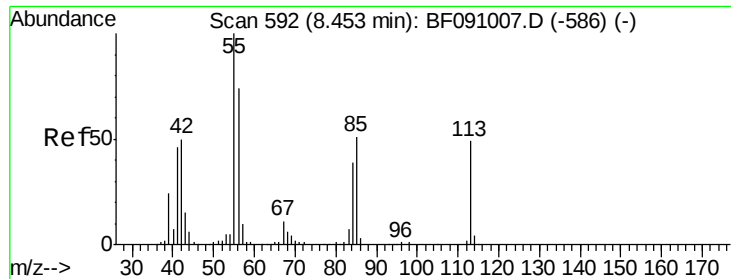
#34
Hexachlorobutadiene
Concen: 54.73 ng
RT: 8.06 min Scan# 558
Delta R.T. -0.03 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Tgt Ion:	225	Resp:	265052
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.4	75.6
227	64.6	50.1	75.1



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

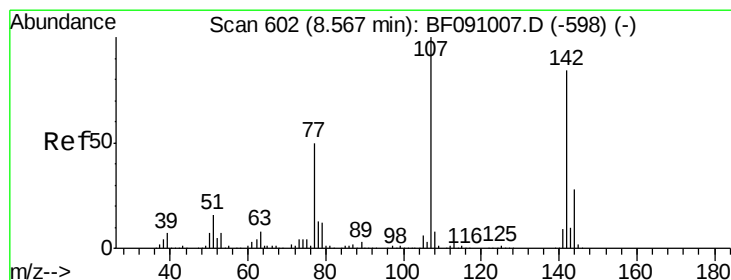
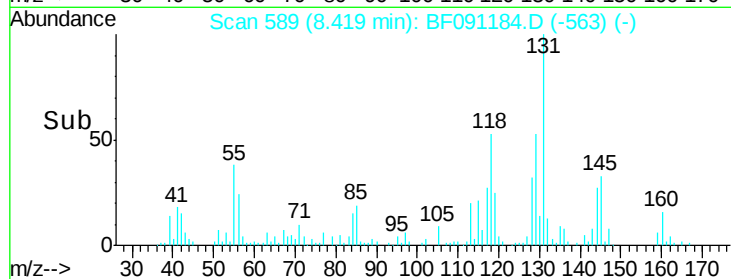
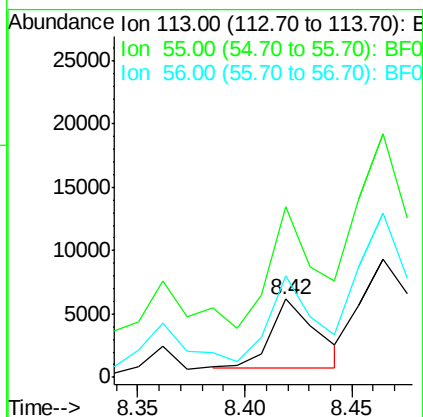
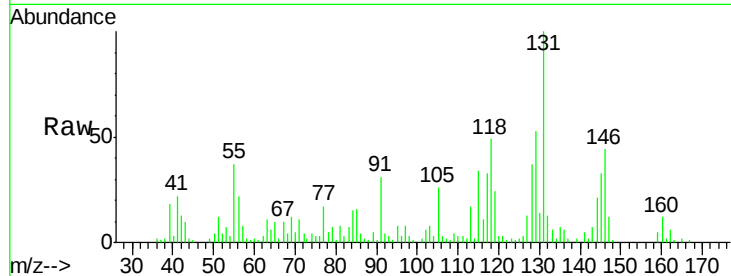




#35
 Caprolactam
 Concen: 3.28 ng/ml
 RT: 8.42 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

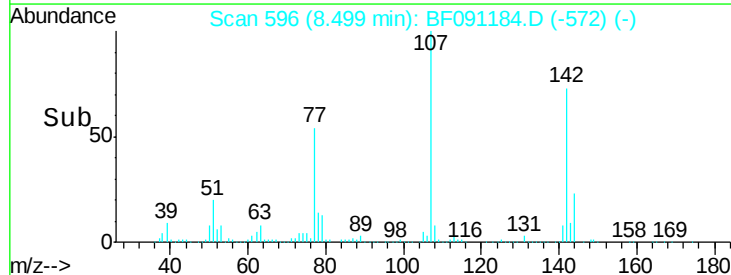
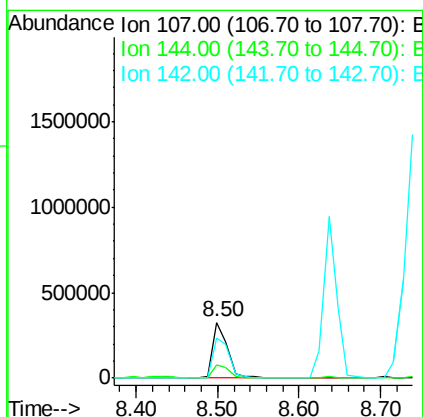
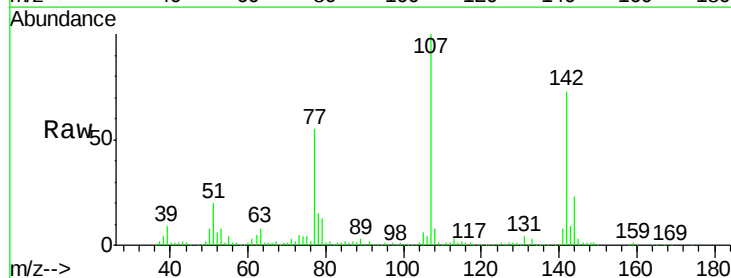
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

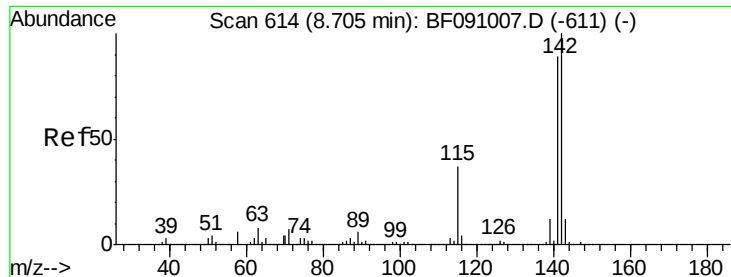
Tot Ion:113 Resp: 8212
 Ion Ratio Lower Upper
 113 100
 55 219.5 184.1 224.1
 56 130.0 132.0 172.0#



#36
 4-Chloro-3-methylphenol
 Concen: 42.56 ng
 RT: 8.50 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

Tgt Ion:107 Resp: 411192
 Ion Ratio Lower Upper
 107 100
 144 23.5 22.5 33.7
 142 73.2 67.4 101.2

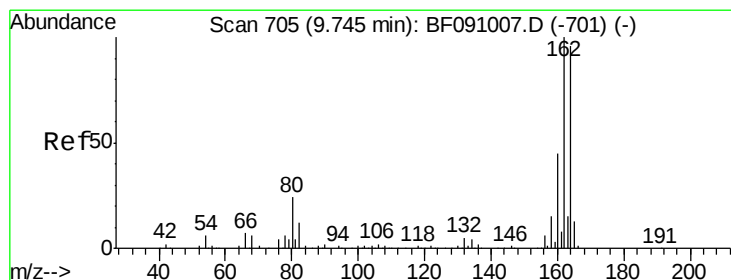
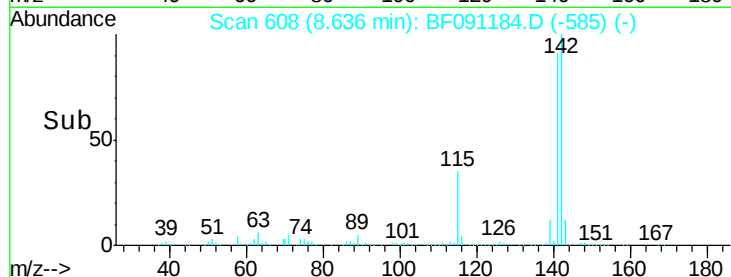
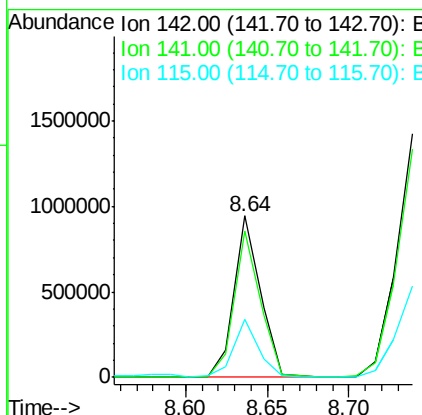
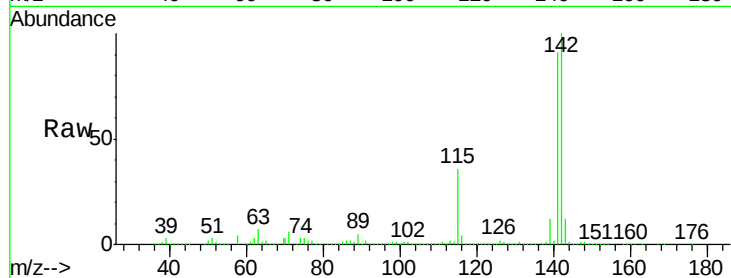




#37
2-Methylnaphthalene
Concen: 53.30 ng
RT: 8.64 min Scan# 608
Delta R.T. -0.03 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

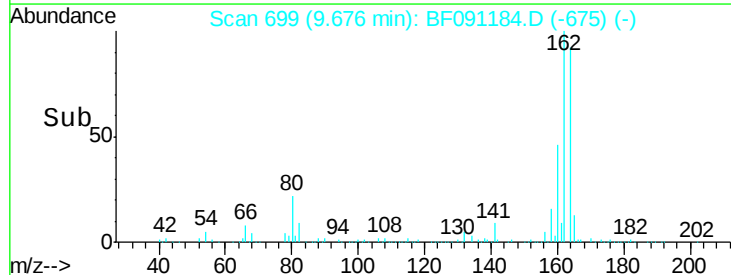
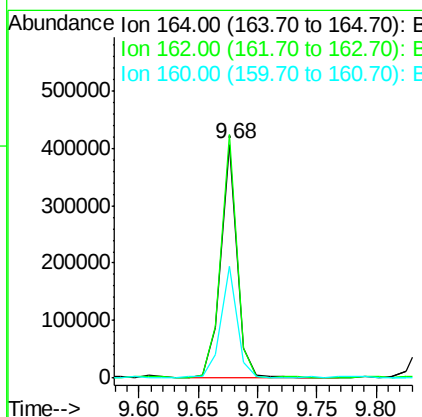
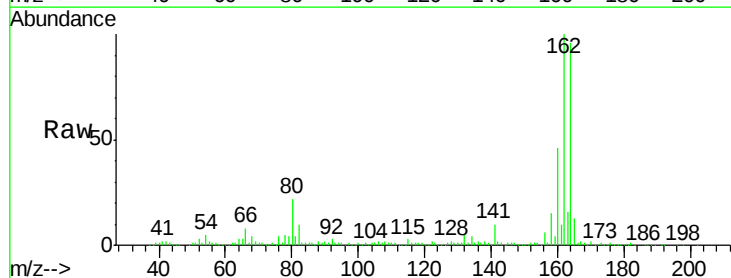
Instrument :
BNA_F
ClientSampleId :
C19023041MSD

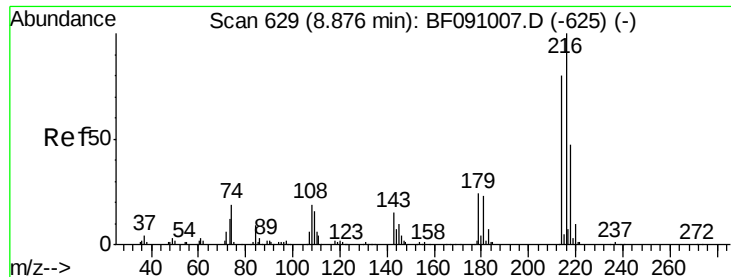
Tot Ion:142 Resp: 1057479
Ion Ratio Lower Upper
142 100
141 90.9 71.3 106.9
115 35.8 29.9 44.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Tgt Ion:164 Resp: 384523
Ion Ratio Lower Upper
164 100
162 104.1 83.6 125.4
160 47.6 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.32 ng

RT: 8.81 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

Tot Ion:216 Resp: 503105

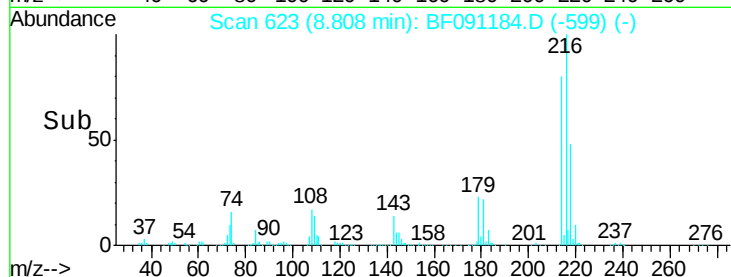
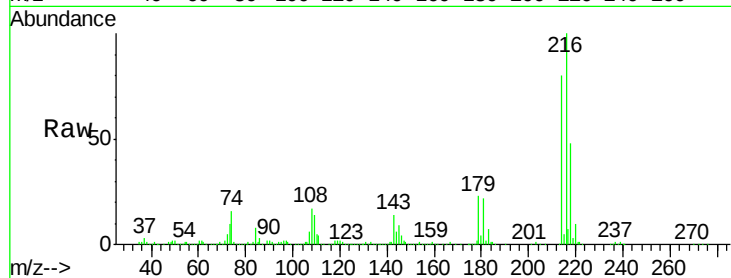
Ion Ratio Lower Upper

216 100

214 79.1 63.5 95.3

179 22.5 19.1 28.7

108 18.8 17.5 26.3



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

8.81

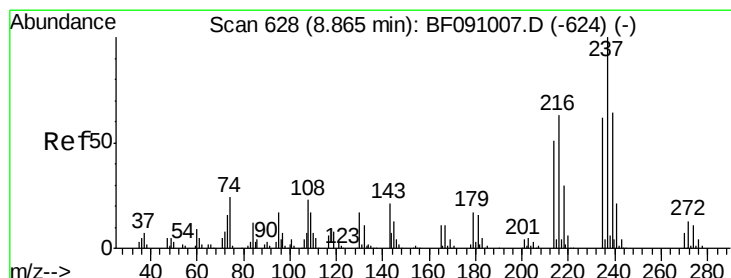
600000

400000

200000

0

Time-->



#40

Hexachlorocyclopentadiene

Concen: 89.70 ng

RT: 8.80 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

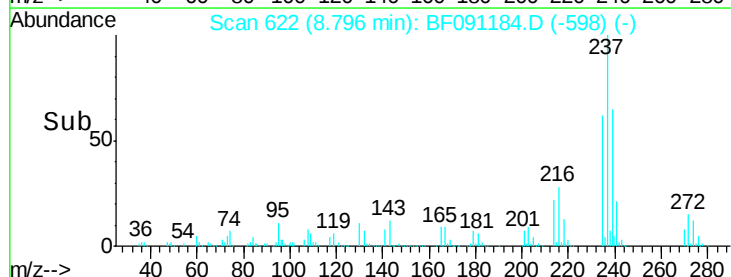
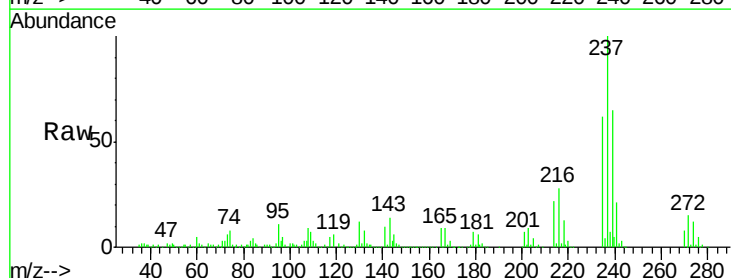
Tgt Ion:237 Resp: 344544

Ion Ratio Lower Upper

237 100

235 61.8 42.1 82.1

272 14.5 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

8.80

400000

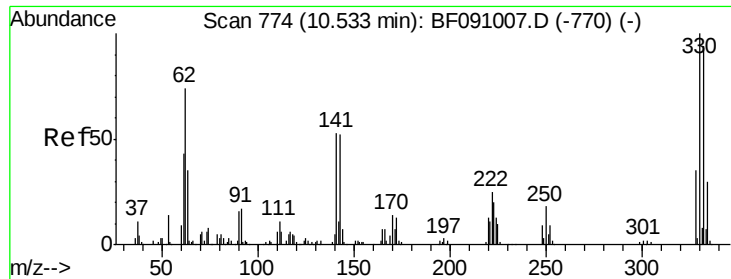
300000

200000

100000

0

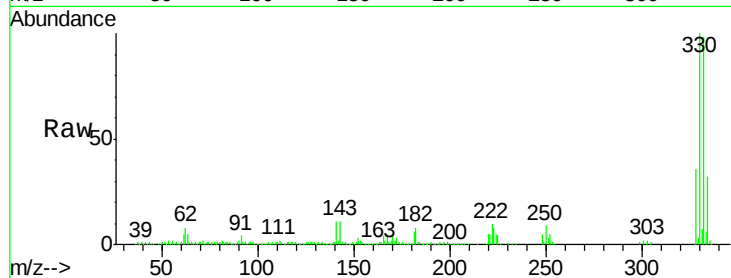
Time-->



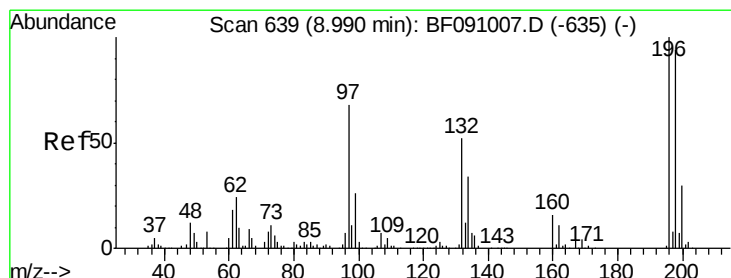
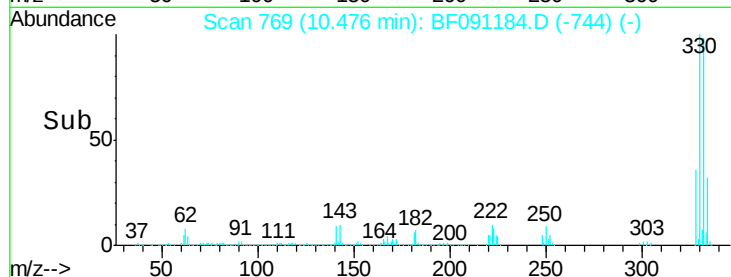
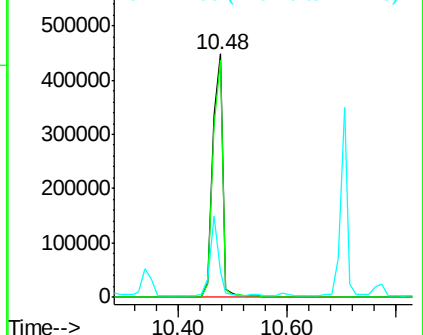
#41
 2,4,6-Tribromophenol
 Concen: 169.15 ng
 RT: 10.48 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

Tot Ion:330 Resp: 588024
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.9 113.9
 141 28.3 36.1 54.1#

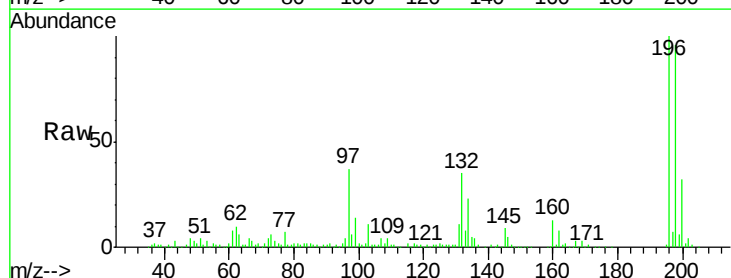


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

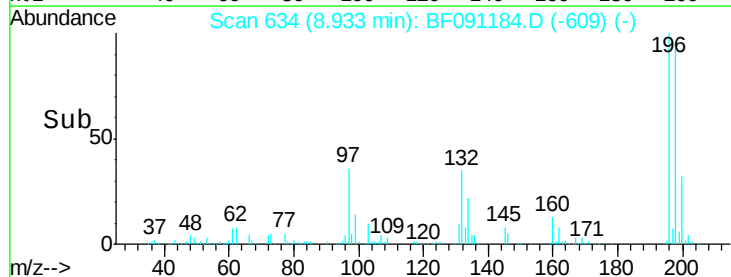
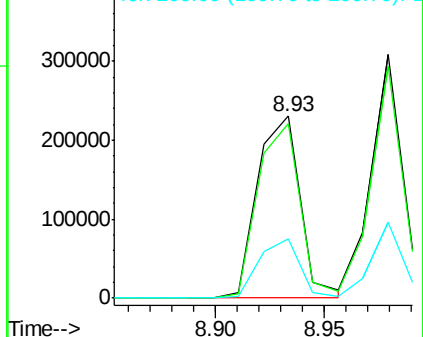


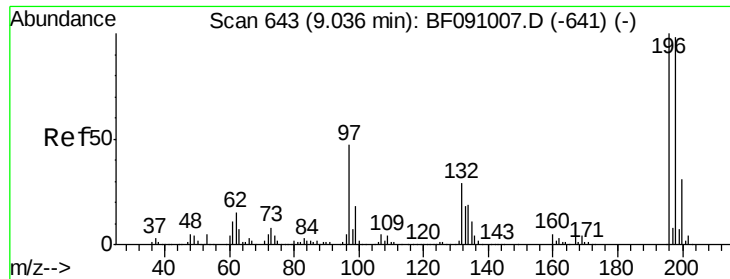
#42
 2,4,6-Trichlorophenol
 Concen: 50.11 ng
 RT: 8.93 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

Tgt Ion:196 Resp: 317150
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.4 113.0
 200 32.3 24.1 36.1



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

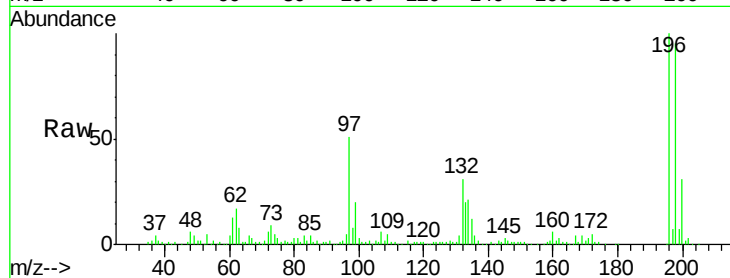




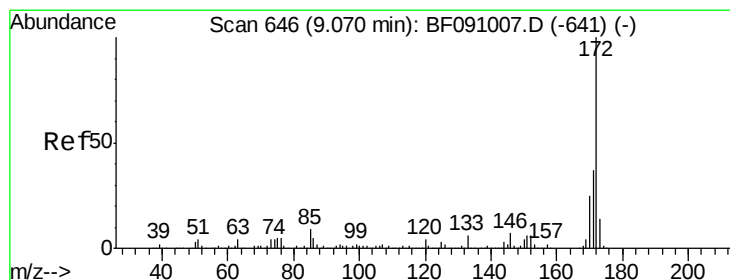
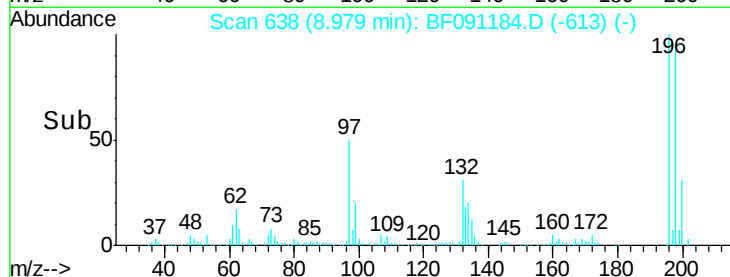
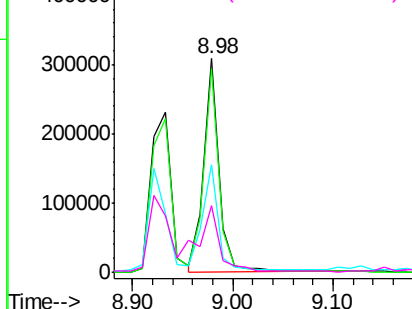
#43
 2,4,5-Trichlorophenol
 Concen: 49.26 ng
 RT: 8.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

Tot Ion:196 Resp: 327339
 Ion Ratio Lower Upper
 196 100
 198 95.2 78.2 117.4
 97 50.5 38.8 58.2
 132 31.3 23.5 35.3

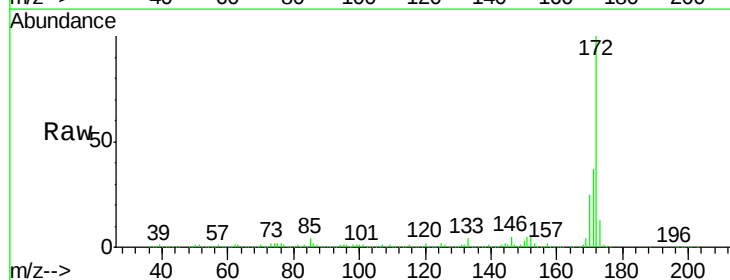


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

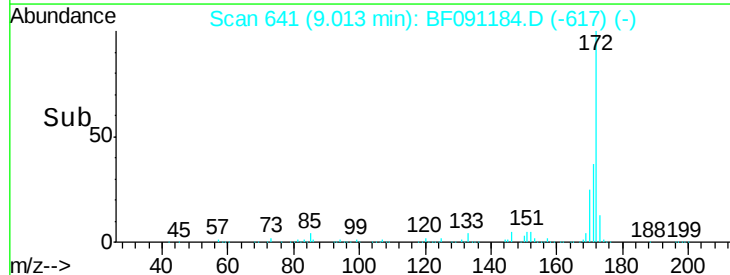
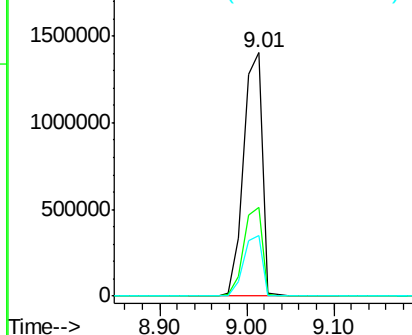


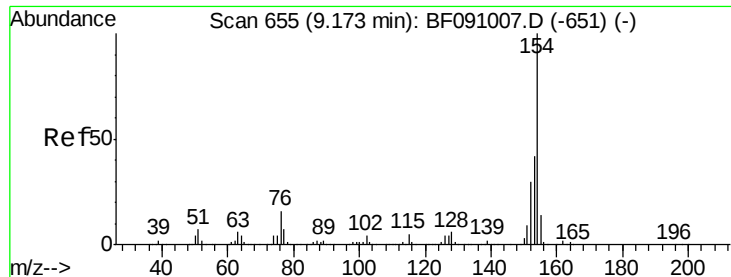
#44
 2-Fluorobiphenyl
 Concen: 94.26 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

Tgt Ion:172 Resp: 2105236
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.8 44.6
 170 24.8 20.3 30.5



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

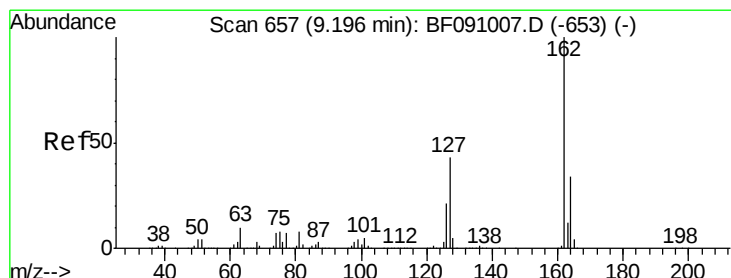
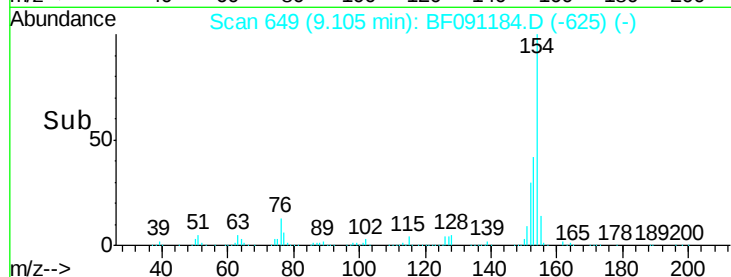
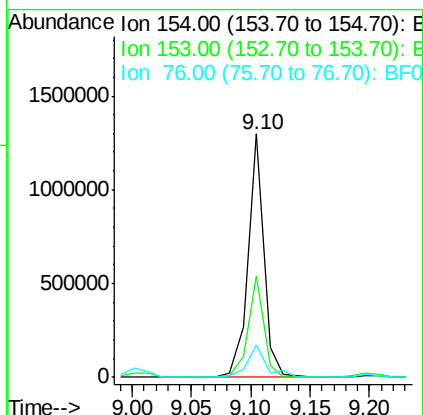
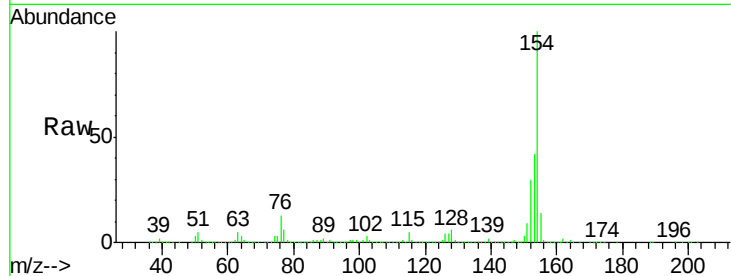




#45
 1,1'-Biphenyl
 Concen: 43.39 ng
 RT: 9.10 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

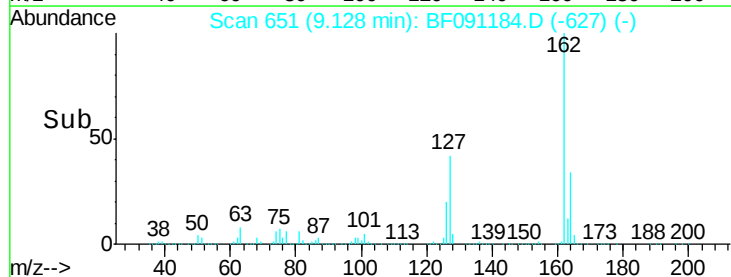
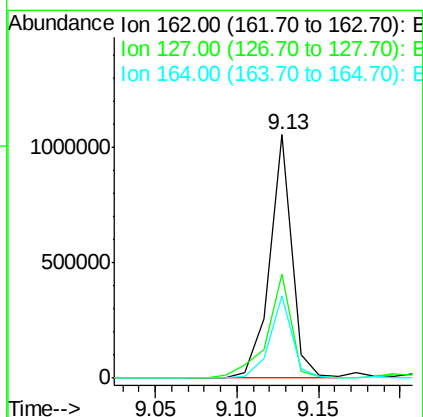
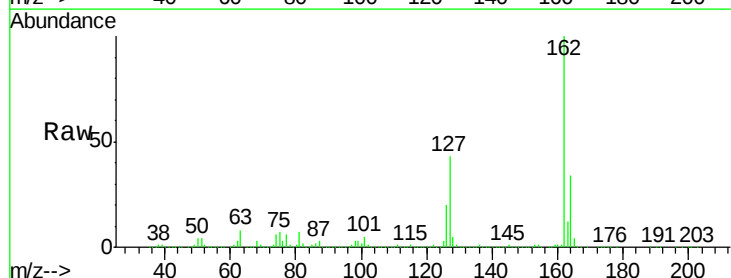
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

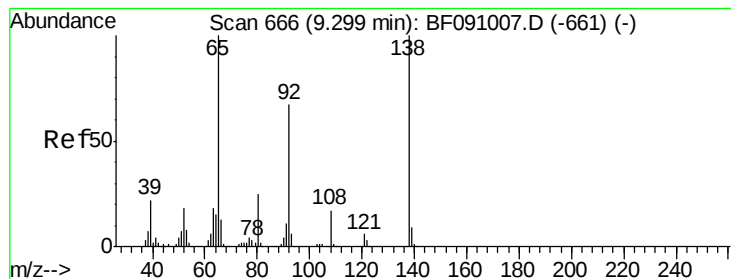
Tot Ion:154 Resp: 1218404
 Ion Ratio Lower Upper
 154 100
 153 41.9 21.6 61.6
 76 13.2 0.0 36.2



#46
 2-Chloronaphthalene
 Concen: 46.85 ng
 RT: 9.13 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

Tgt Ion:162 Resp: 998753
 Ion Ratio Lower Upper
 162 100
 127 42.5 34.7 52.1
 164 34.0 27.0 40.4





#47

2-Nitroaniline

Concen: 41.34 ng

RT: 9.24 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

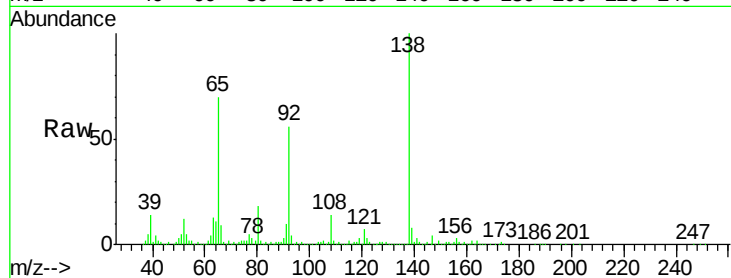
Tot Ion: 65 Resp: 327064

Ion Ratio Lower Upper

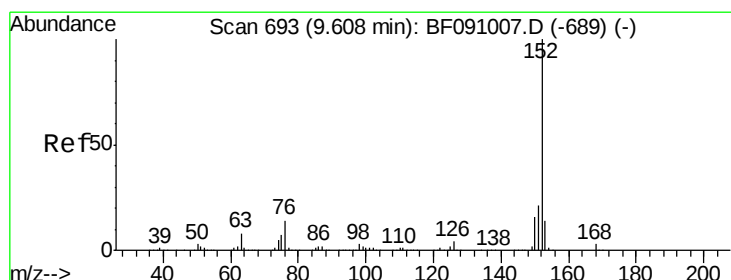
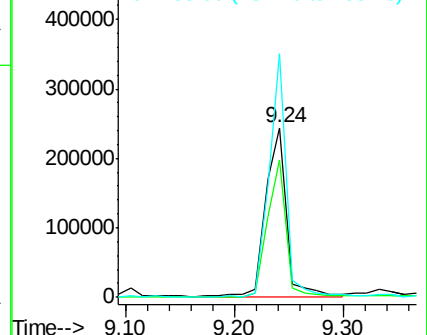
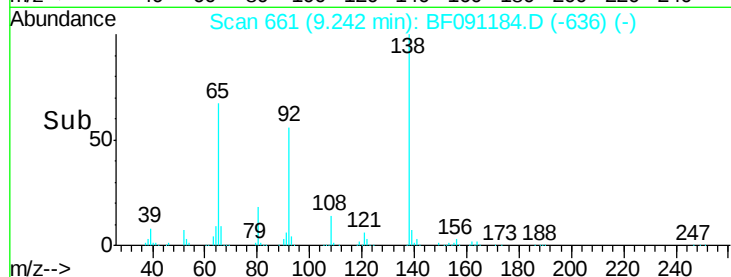
65 100

92 81.0 53.9 80.9#

138 143.4 80.1 120.1#



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



#48

Acenaphthylene

Concen: 41.89 ng

RT: 9.54 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

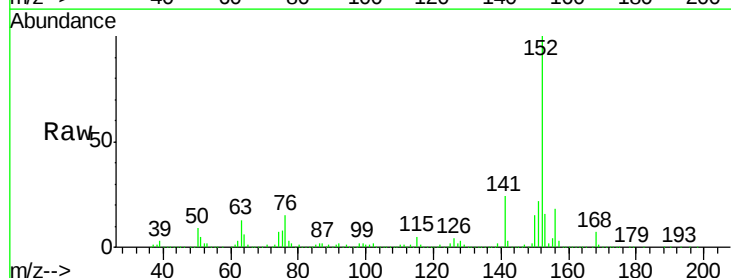
Tgt Ion: 152 Resp: 1391504

Ion Ratio Lower Upper

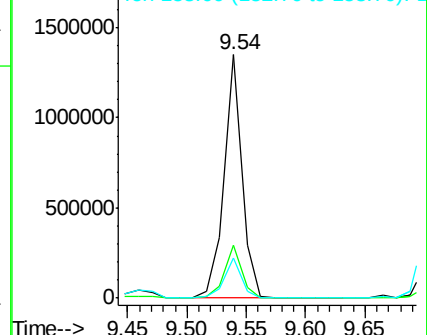
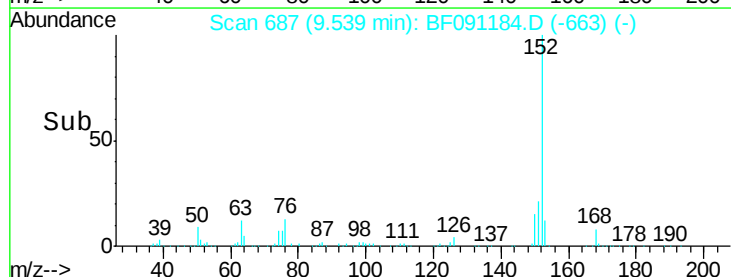
152 100

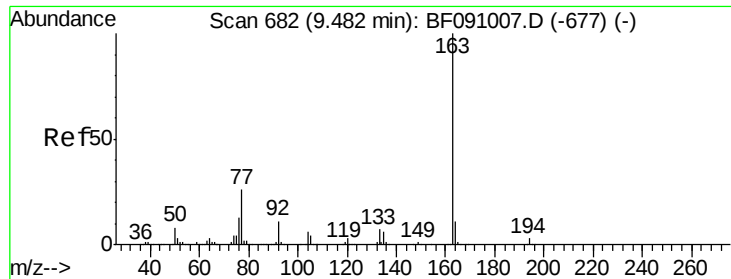
151 21.6 16.7 25.1

153 16.3 11.1 16.7



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

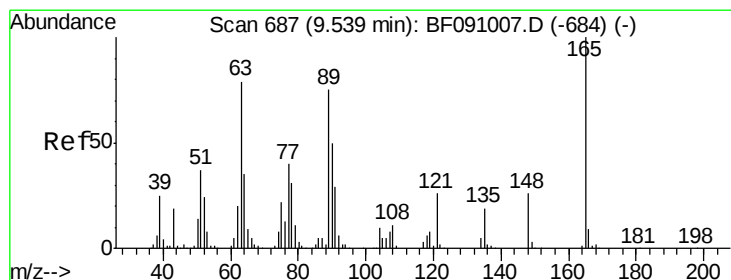
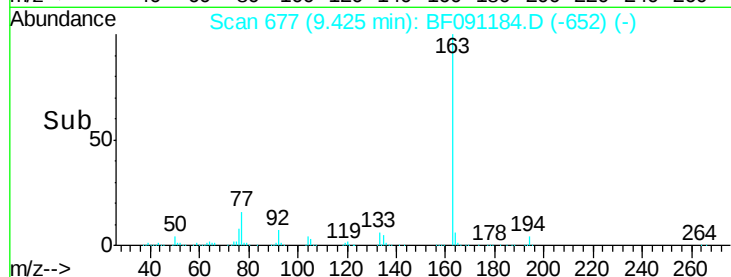
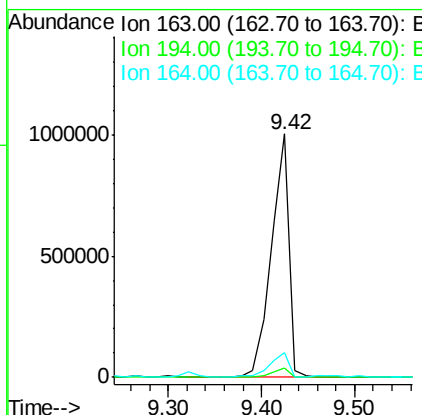
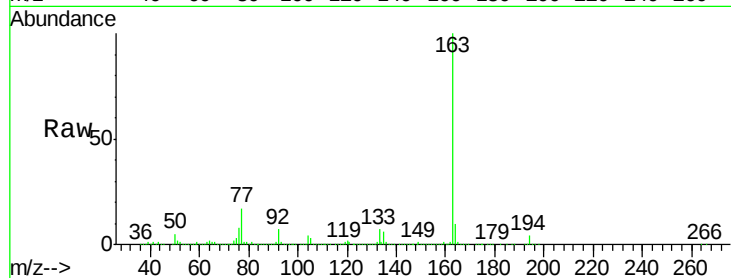




#49
Dimethylphthalate
Concen: 53.35 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

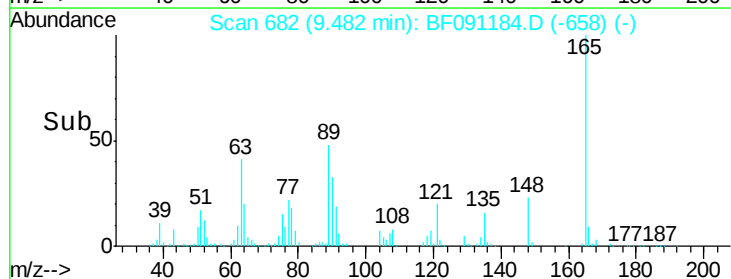
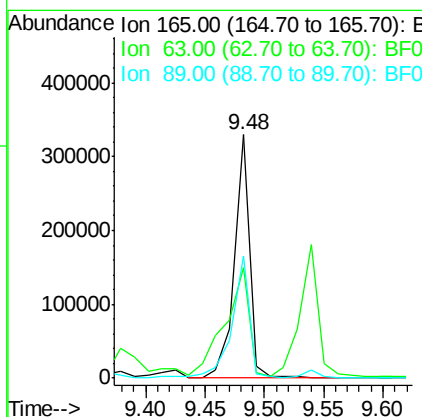
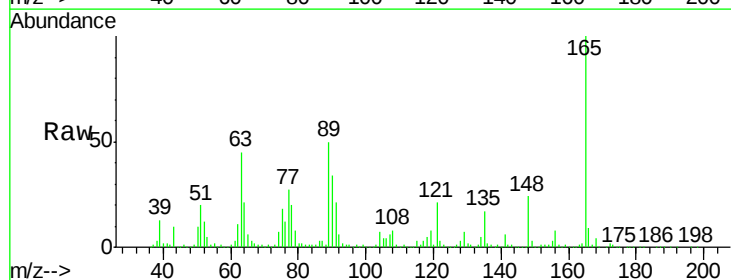
Instrument :
BNA_F
ClientSampleId :
C19023041MSD

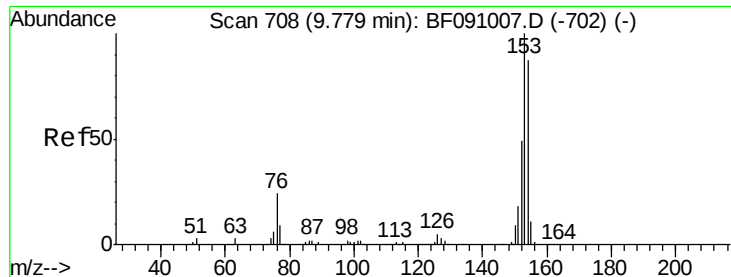
Tot Ion:163 Resp: 1345085
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 10.2 8.7 13.1



#50
2,6-Dinitrotoluene
Concen: 53.85 ng
RT: 9.48 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Tgt Ion:165 Resp: 291010
Ion Ratio Lower Upper
165 100
63 45.2 65.6 98.4#
89 50.2 59.8 89.6#





#51

Acenaphthene

Concen: 50.59 ng

RT: 9.71 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

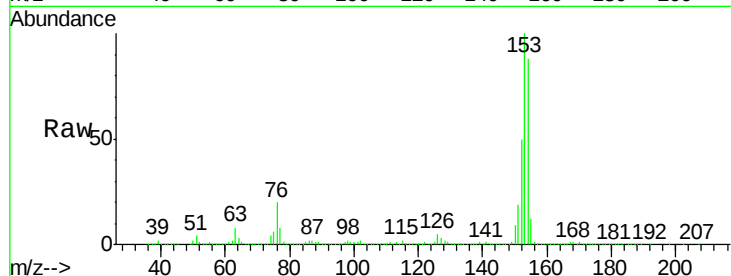
Tot Ion:154 Resp: 1055211

Ion Ratio Lower Upper

154 100

153 113.6 91.6 137.4

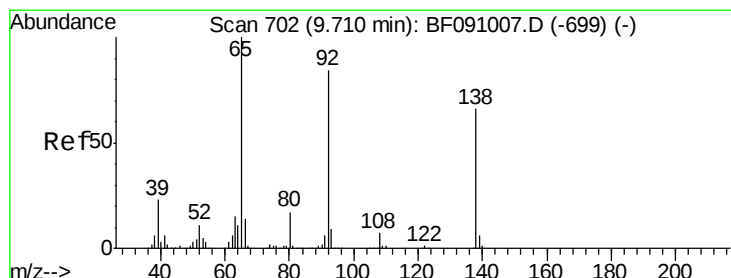
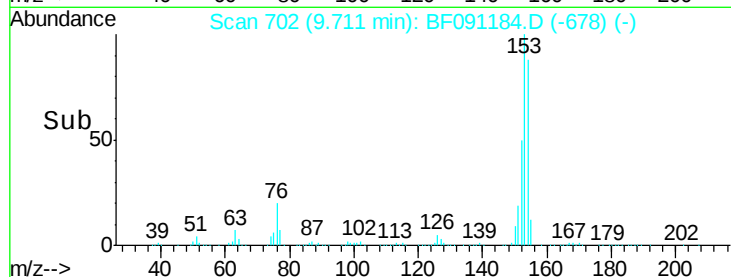
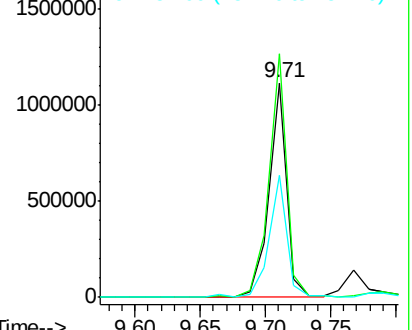
152 57.1 44.6 67.0



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: 12.83 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

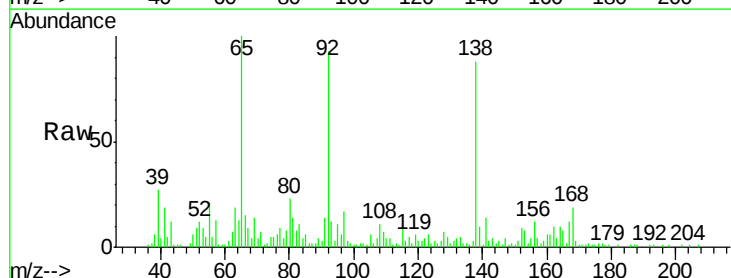
Tgt Ion:138 Resp: 82234

Ion Ratio Lower Upper

138 100

108 12.7 8.4 12.6#

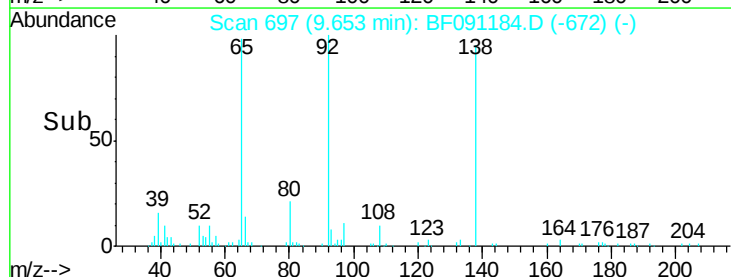
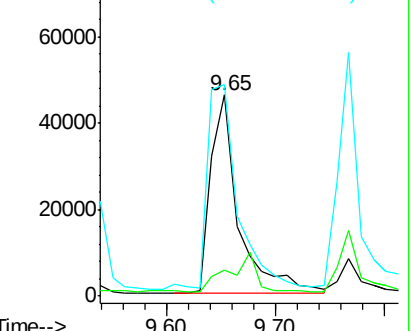
92 105.4 101.1 151.7

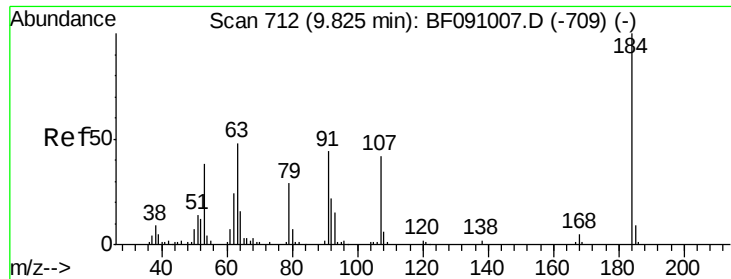


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

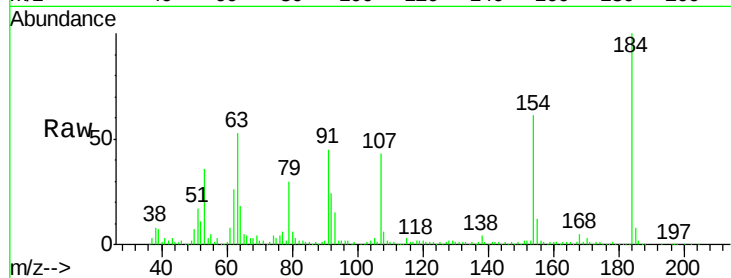




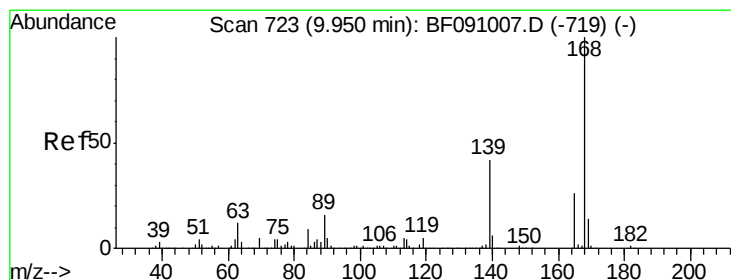
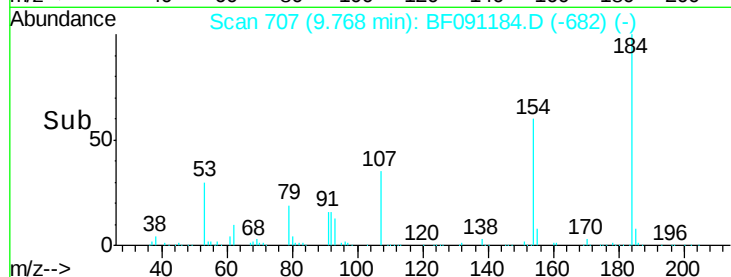
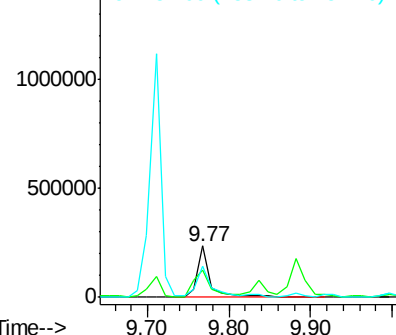
#53
2,4-Dinitrophenol
Concen: 93.58 ng
RT: 9.77 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Instrument :
BNA_F
ClientSampleId :
C19023041MSD

Tot Ion:184 Resp: 278825
Ion Ratio Lower Upper
184 100
63 53.1 45.5 68.3
154 61.0 51.0 76.4

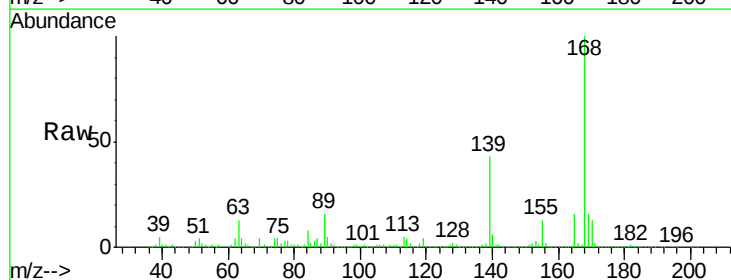


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

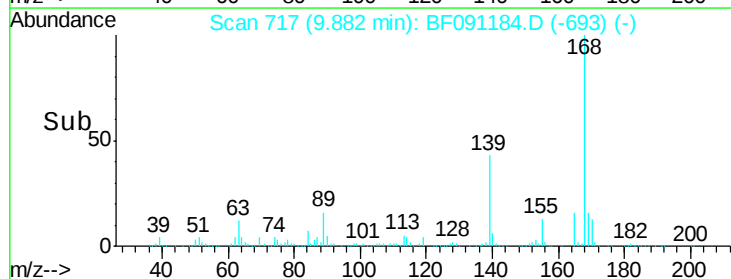
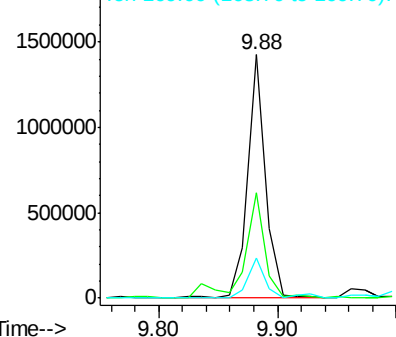


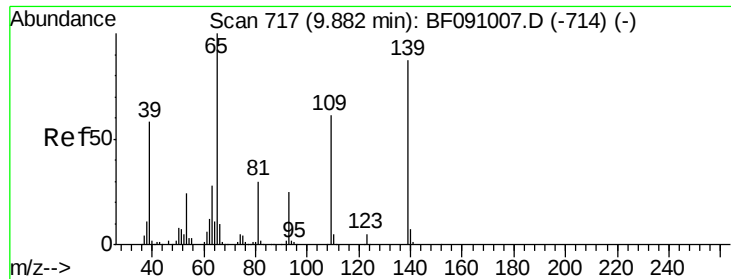
#54
Dibenzofuran
Concen: 53.33 ng
RT: 9.88 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Tgt Ion:168 Resp: 1497286
Ion Ratio Lower Upper
168 100
139 43.5 34.8 52.2
169 16.4 11.4 17.2



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

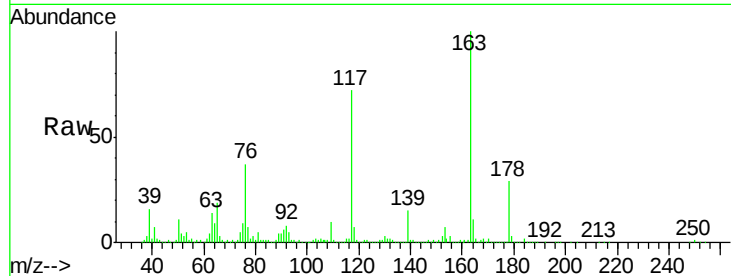




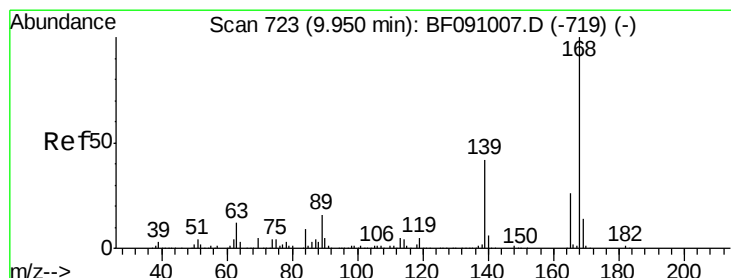
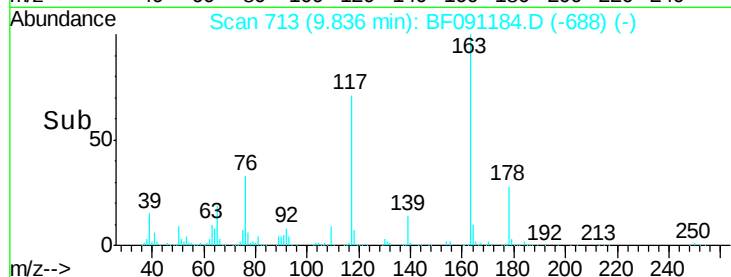
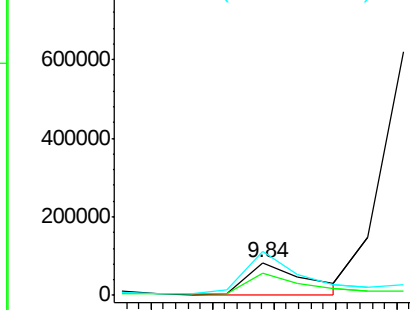
#55
4-Nitrophenol
Concen: 30.84 ng/mL
RT: 9.84 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Instrument :
BNA_F
ClientSampleId :
C19023041MSD

Tot Ion:139 Resp: 115421
Ion Ratio Lower Upper
139 100
109 66.0 50.5 90.5
65 132.7 97.1 137.1

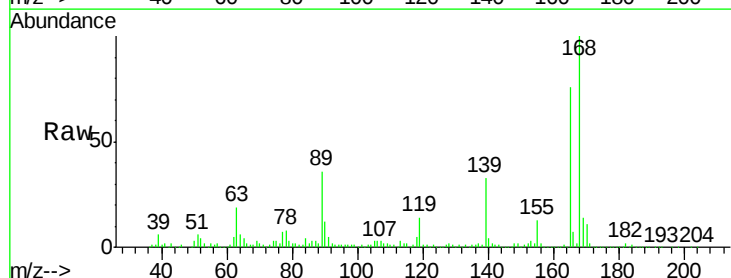


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

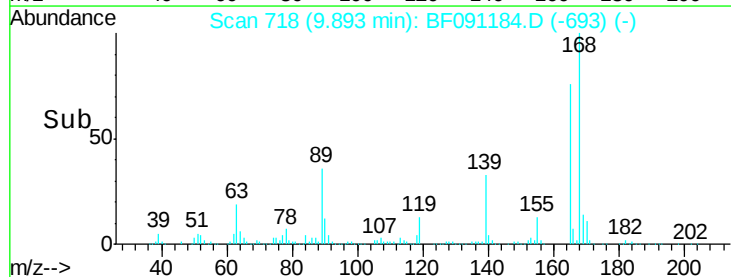
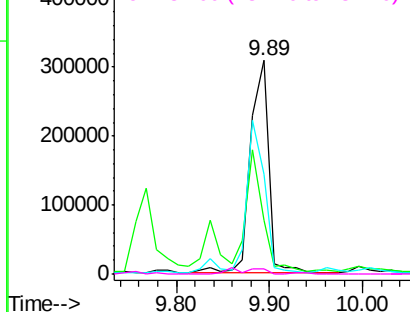


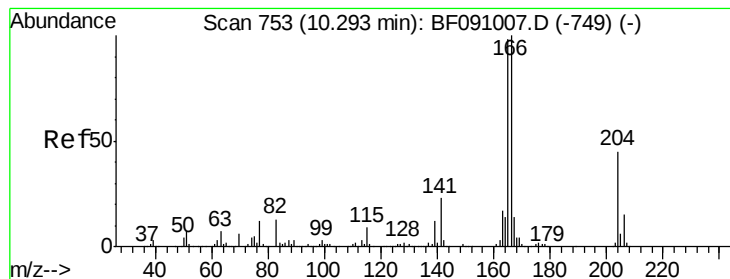
#56
2,4-Dinitrotoluene
Concen: 61.05 ng/mL
RT: 9.89 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Tgt Ion:165 Resp: 419710
Ion Ratio Lower Upper
165 100
63 25.5 38.7 58.1#
89 46.9 50.6 76.0#
182 2.5 1.8 2.8



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





#57

Fluorene

Concen: 51.35 ng

RT: 10.22 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

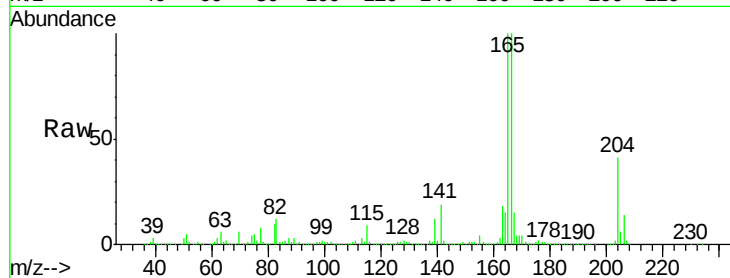
Tot Ion:166 Resp: 1178397

Ion Ratio Lower Upper

166 100

165 99.8 78.6 118.0

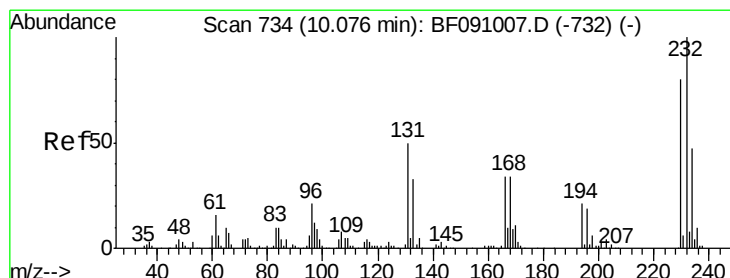
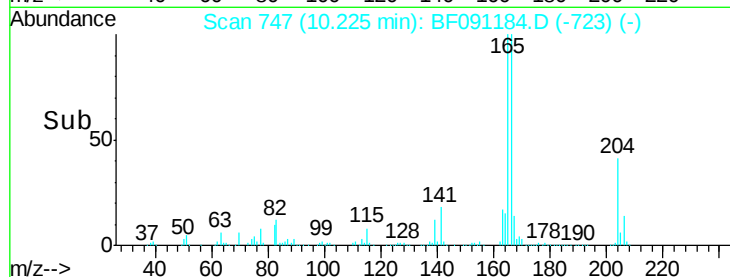
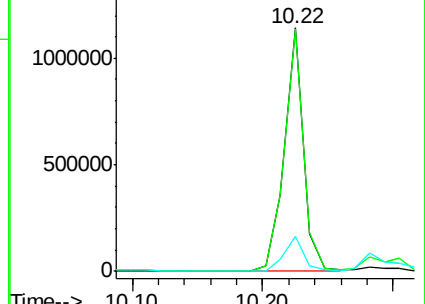
167 14.5 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.21 ng

RT: 10.01 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Tgt Ion:232 Resp: 297805

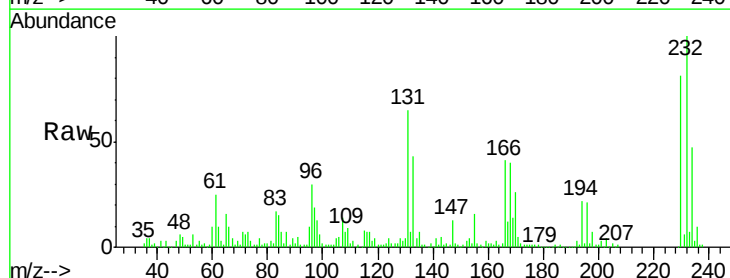
Ion Ratio Lower Upper

232 100

131 54.8 43.6 65.4

130 3.3 2.0 3.0#

166 32.8 27.4 41.2

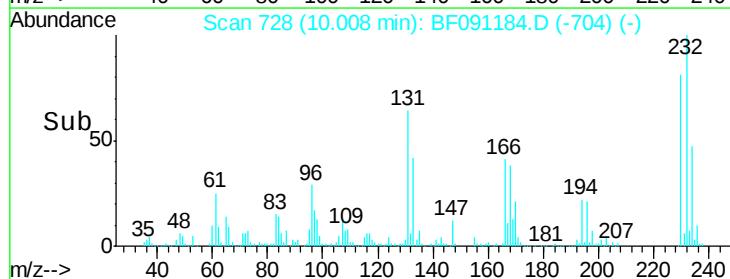
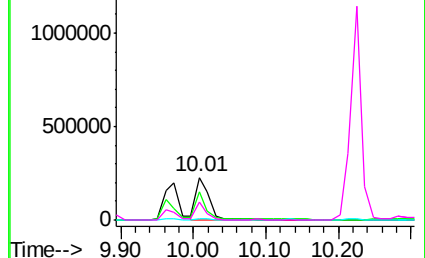


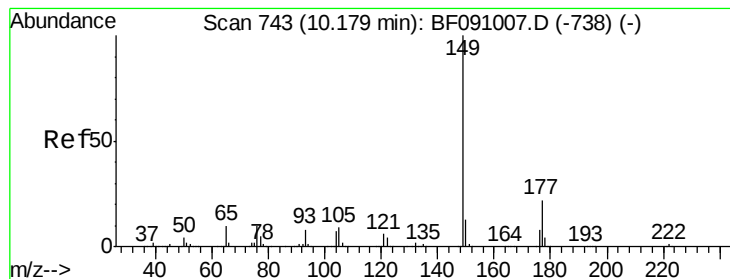
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 50.42 ng

RT: 10.11 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

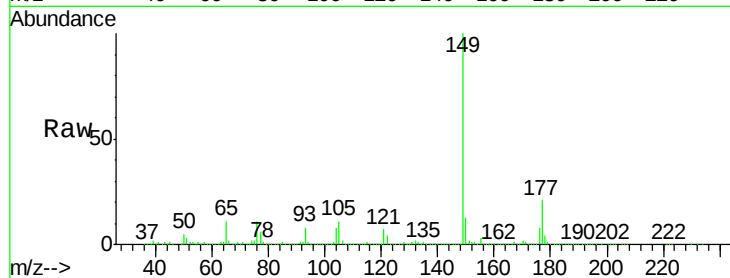
Tot Ion:149 Resp: 1303407

Ion Ratio Lower Upper

149 100

177 20.8 17.3 25.9

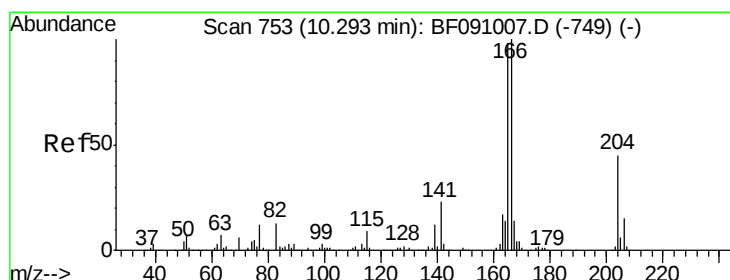
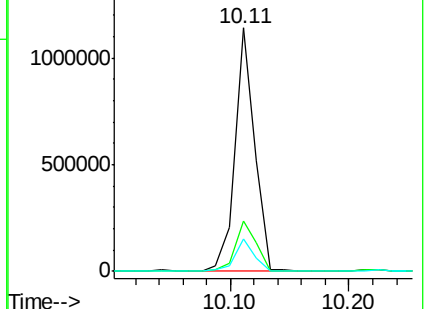
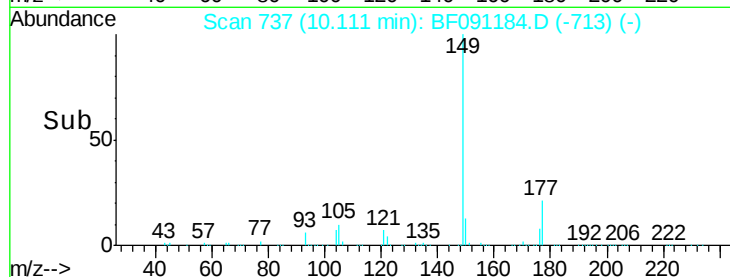
150 13.2 10.3 15.5



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: 53.57 ng

RT: 10.22 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

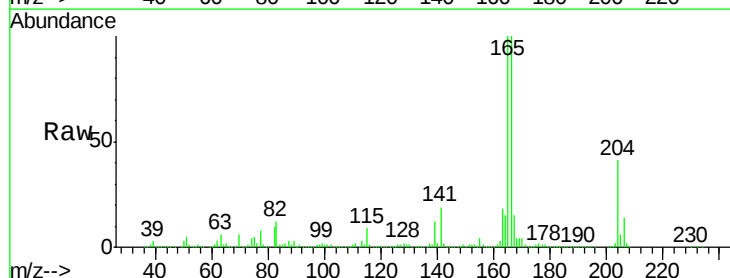
Tgt Ion:204 Resp: 559531

Ion Ratio Lower Upper

204 100

206 33.5 27.1 40.7

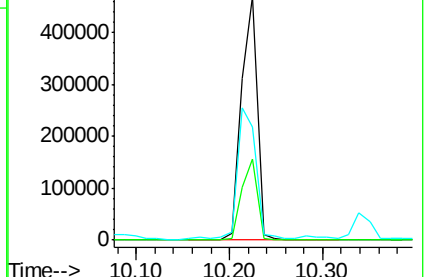
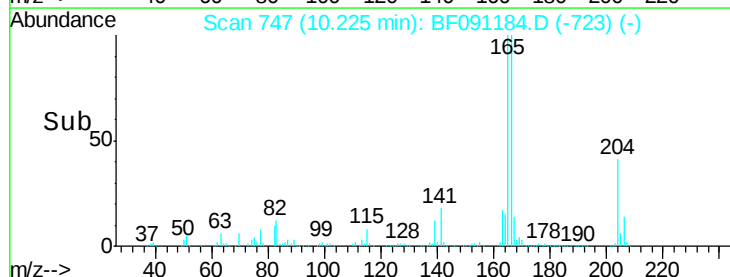
141 46.4 40.1 60.1



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

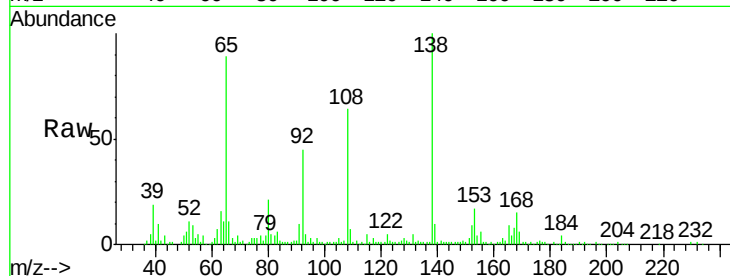




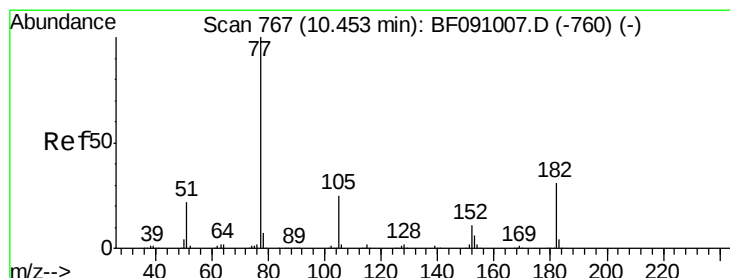
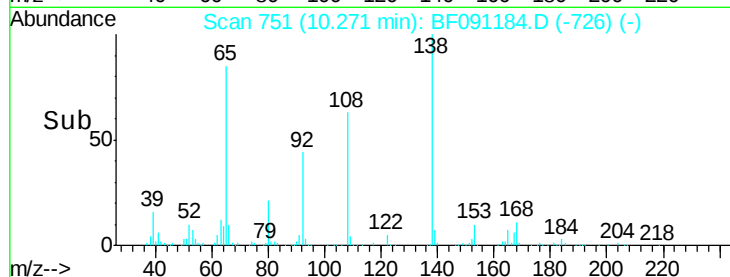
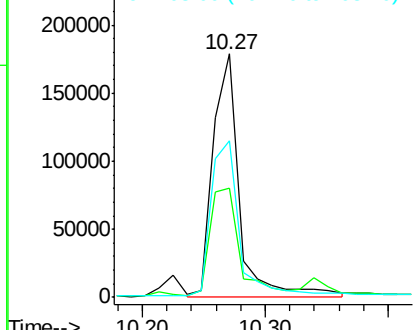
#61
4-Nitroaniline
Concen: 41.31 ng m
RT: 10.27 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Instrument :
BNA_F
ClientSampleId :
C19023041MSD

Tot Ion:138 Resp: 267765
Ion Ratio Lower Upper
138 100
92 44.7 32.5 72.5
108 64.2 49.4 89.4

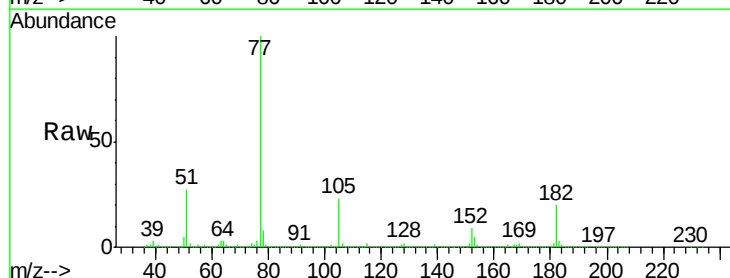


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

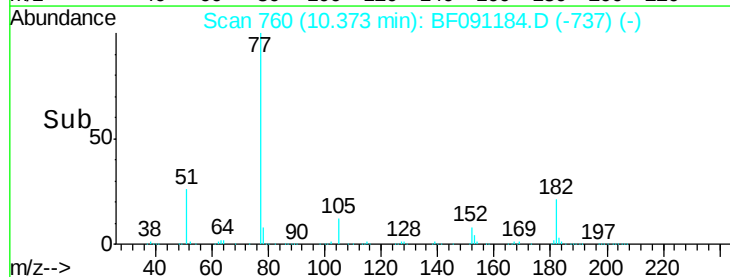
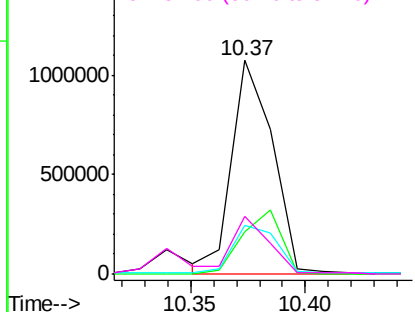


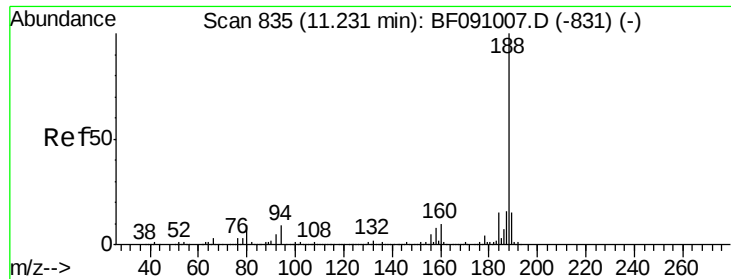
#62
Azobenzene
Concen: 44.44 ng m
RT: 10.37 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Tgt Ion: 77 Resp: 1352299
Ion Ratio Lower Upper
77 100
182 19.9 11.0 51.0
105 23.0 5.6 45.6
51 26.8 2.7 42.7



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

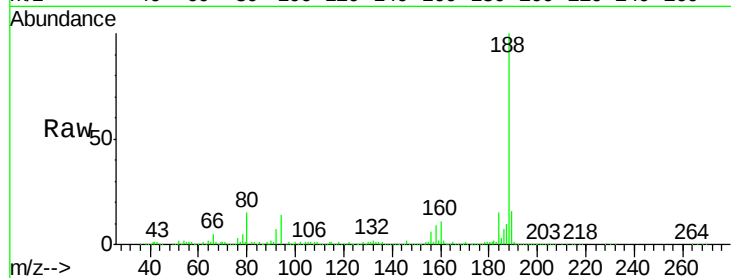




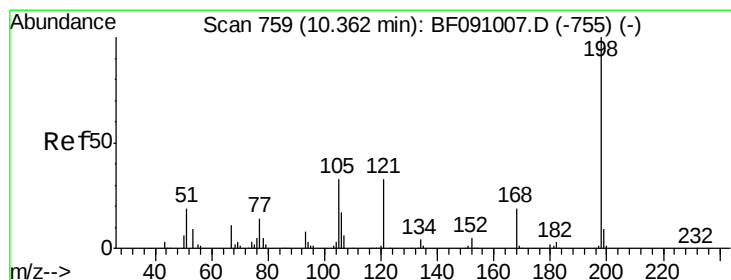
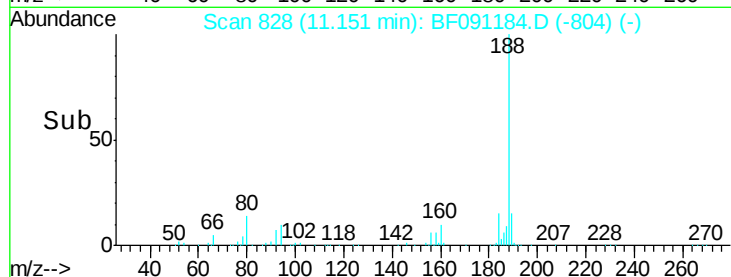
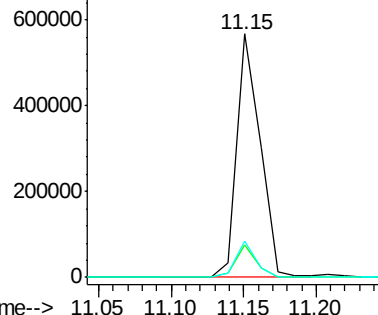
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Instrument :
BNA_F
ClientSampleId :
C19023041MSD

Tot Ion:188 Resp: 632609
Ion Ratio Lower Upper
188 100
94 13.5 7.0 10.4#
80 14.9 7.5 11.3#

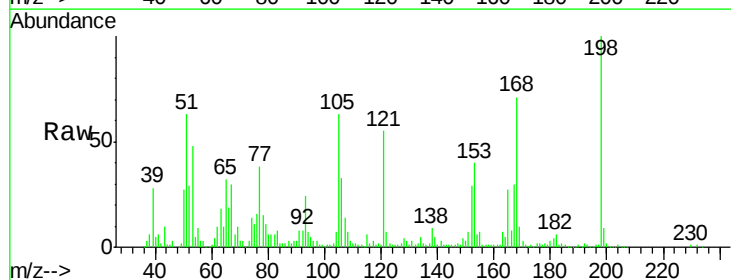


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

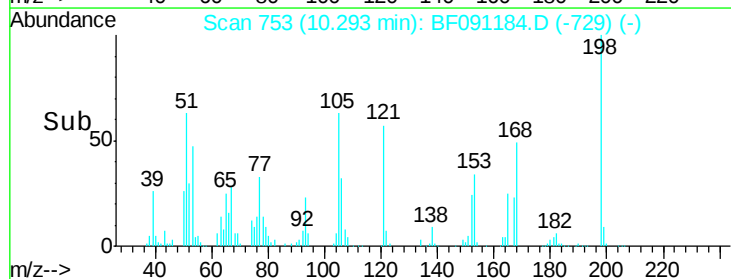
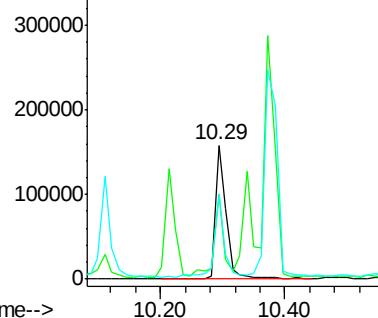


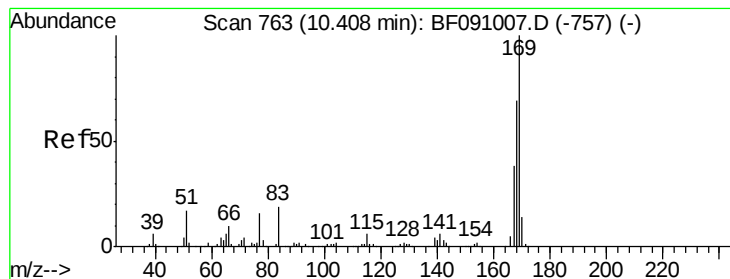
#64
4,6-Dinitro-2-methylphenol
Concen: 49.45 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Tgt Ion:198 Resp: 191539
Ion Ratio Lower Upper
198 100
51 63.2 5.9 45.9#
105 63.1 13.8 53.8#



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: 56.61 ng

RT: 10.34 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Instrument :

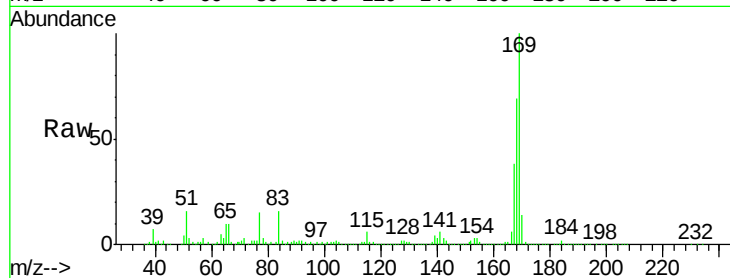
BNA_F

ClientSampleId :

C19023041MSD

Tot Ion:169 Resp: 1138216

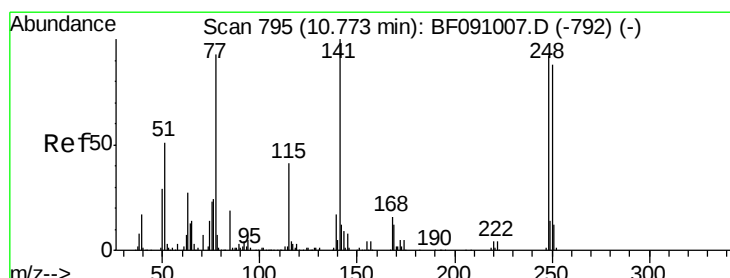
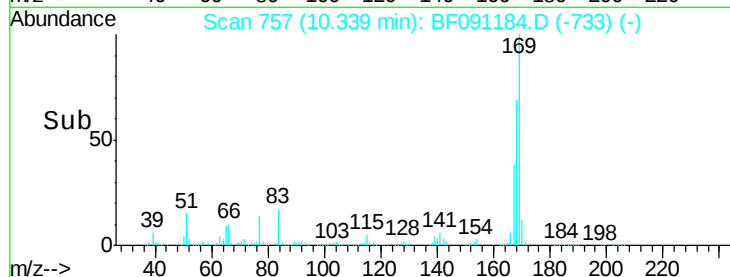
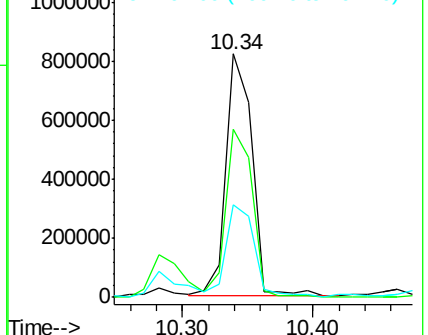
Ion	Ratio	Lower	Upper
169	100		
168	68.9	55.3	82.9
167	38.2	30.3	45.5



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: 57.81 ng

RT: 10.70 min Scan# 789

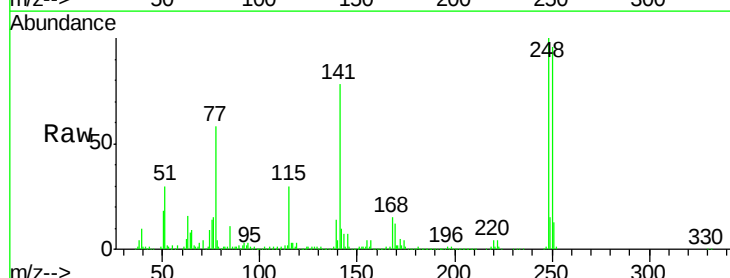
Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Tgt Ion:248 Resp: 380412

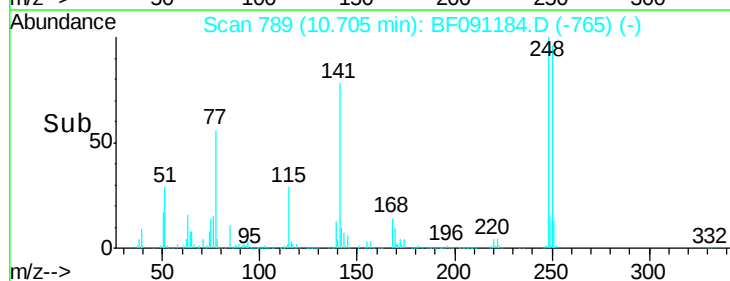
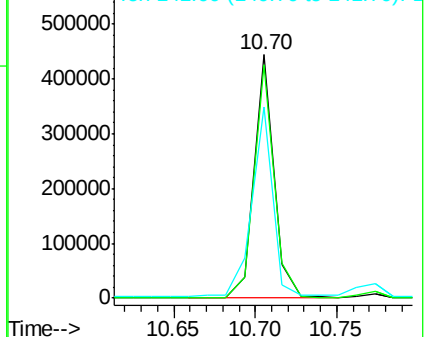
Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.3	114.5
141	78.4	86.8	130.2#

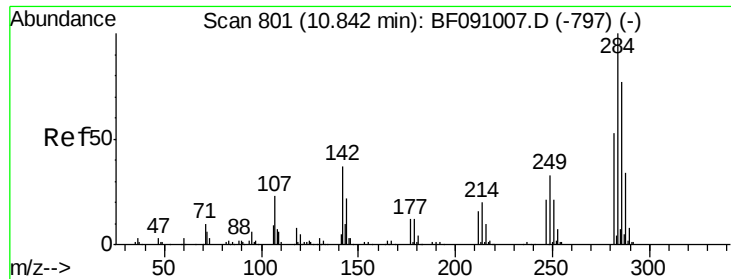


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

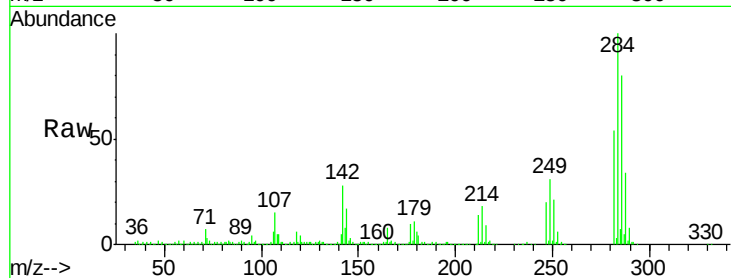




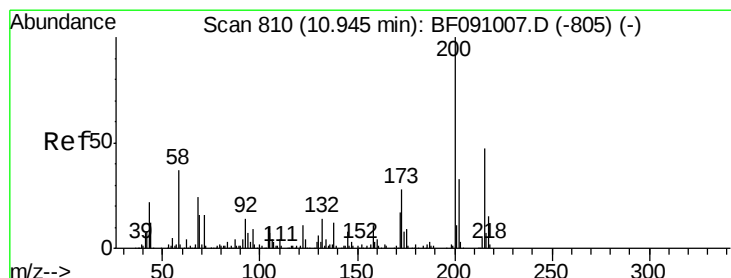
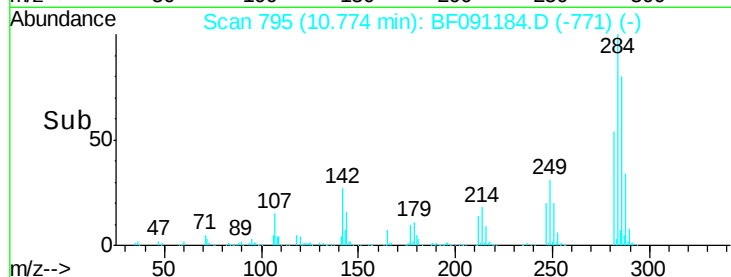
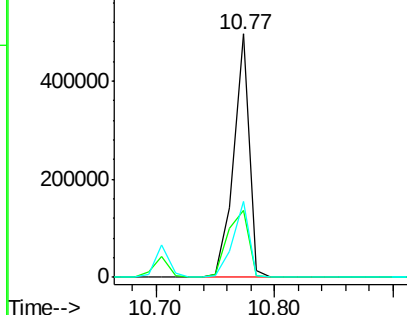
#67
Hexachlorobenzene
Concen: 62.32 ng
RT: 10.77 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Instrument :
BNA_F
ClientSampleId :
C19023041MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	27.6	29.9	44.9#
249	31.3	26.6	39.8

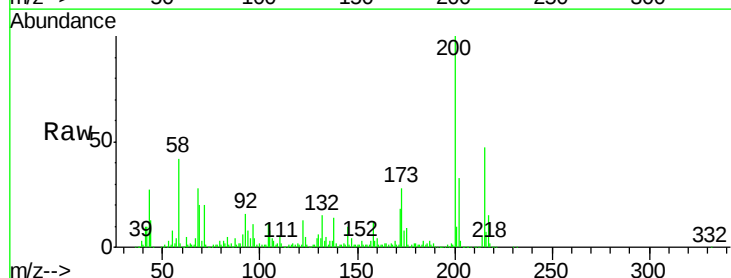


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

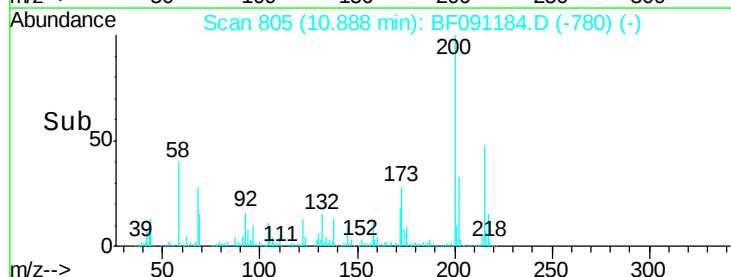
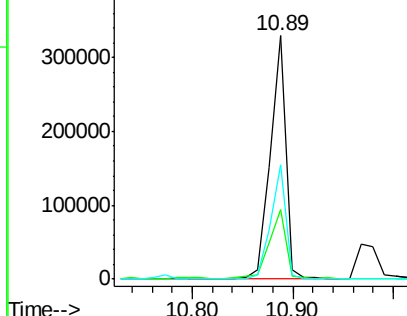


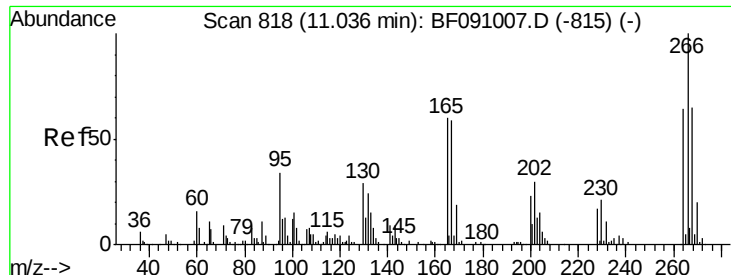
#68
Atrazine
Concen: 60.50 ng
RT: 10.89 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.4	8.1	48.1
215	47.2	27.3	67.3



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

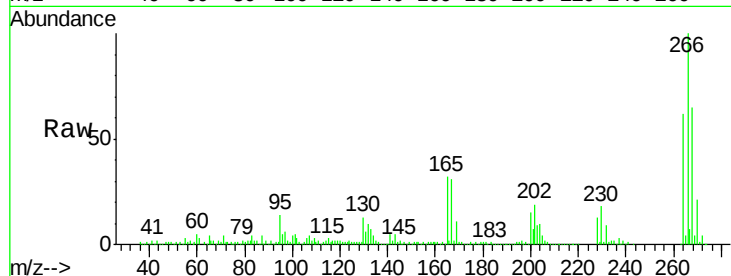




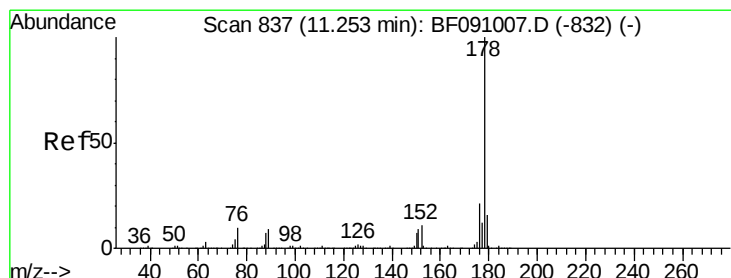
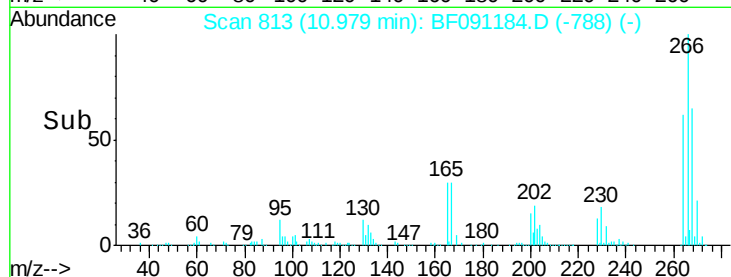
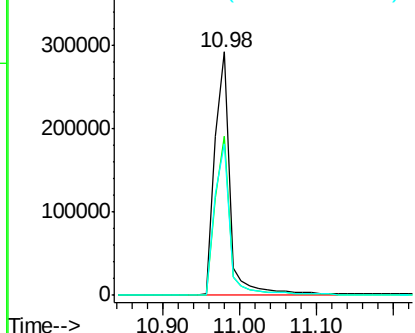
#69
 Pentachlorophenol
 Concen: 125.15 ng
 RT: 10.98 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

Tot Ion:266 Resp: 402282
 Ion Ratio Lower Upper
 266 100
 268 65.5 52.1 78.1
 264 62.3 51.1 76.7

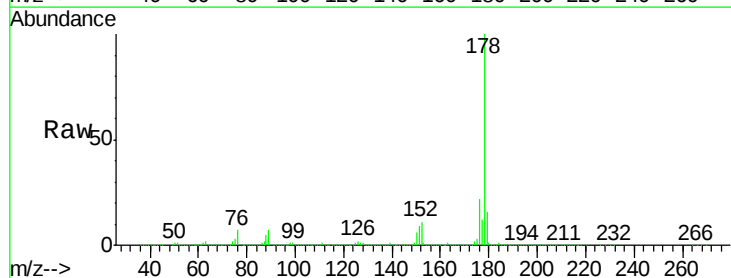


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

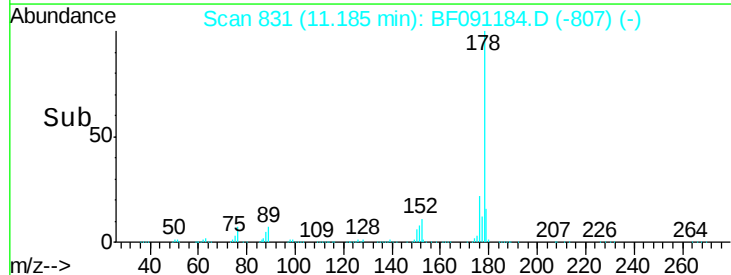
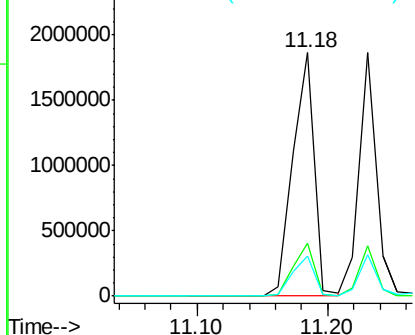


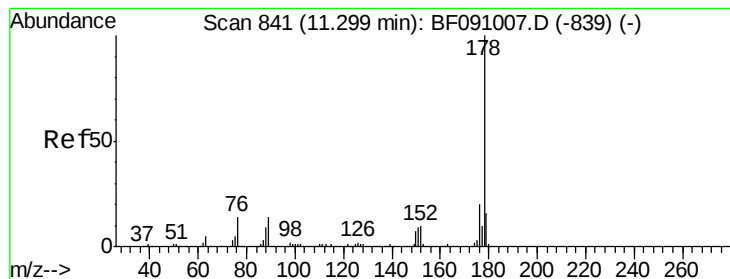
#70
 Phenanthrene
 Concen: 63.56 ng
 RT: 11.18 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

Tgt Ion:178 Resp: 2137577
 Ion Ratio Lower Upper
 178 100
 176 21.6 16.6 25.0
 179 16.4 12.9 19.3



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: 49.04 ng

RT: 11.23 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

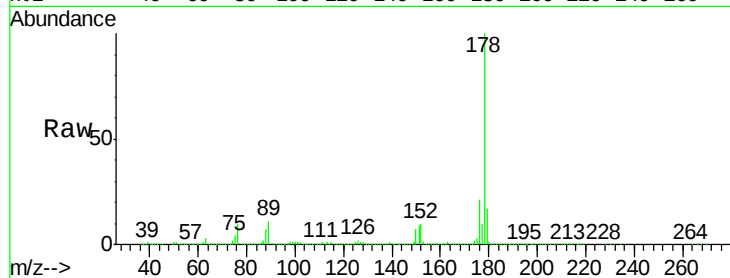
Tot Ion:178 Resp: 1753409

Ion Ratio Lower Upper

178 100

176 20.9 16.0 24.0

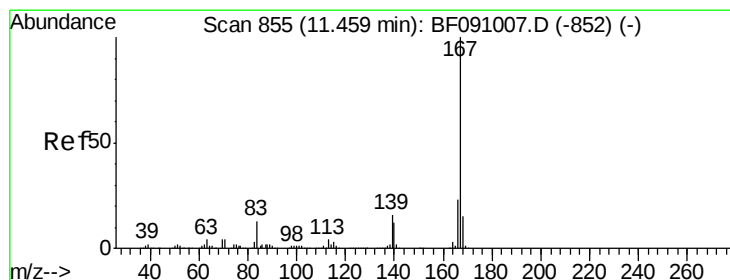
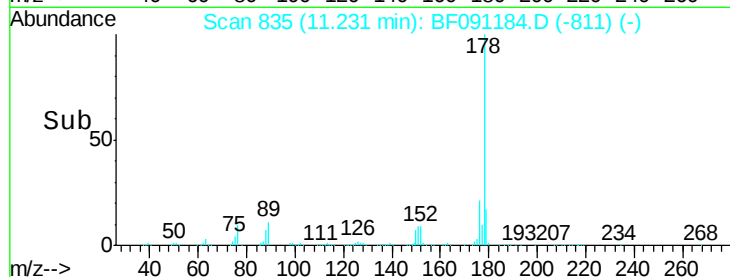
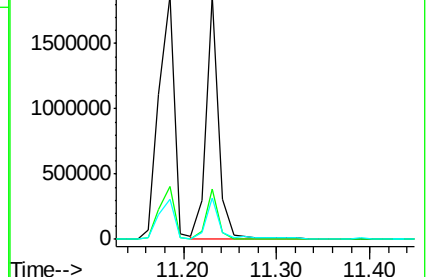
179 16.8 13.0 19.6



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: 48.34 ng

RT: 11.39 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

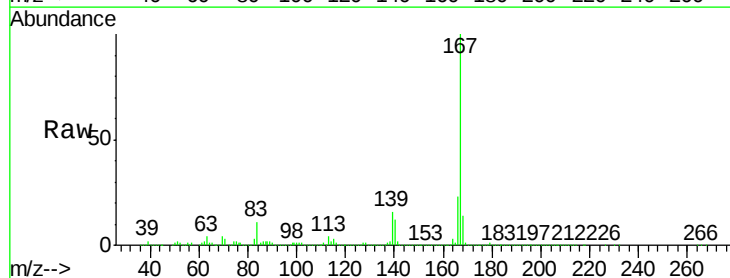
Tgt Ion:167 Resp: 1557431

Ion Ratio Lower Upper

167 100

166 23.0 18.0 27.0

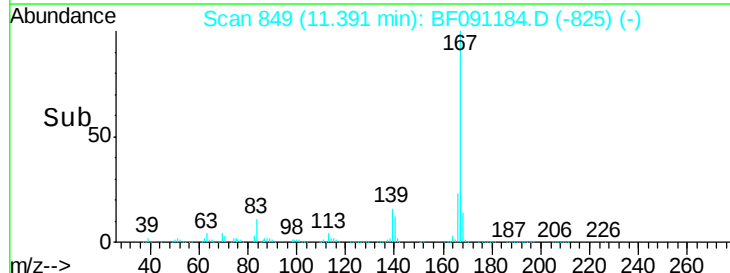
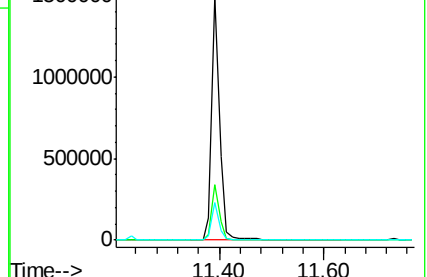
139 15.6 12.6 18.8

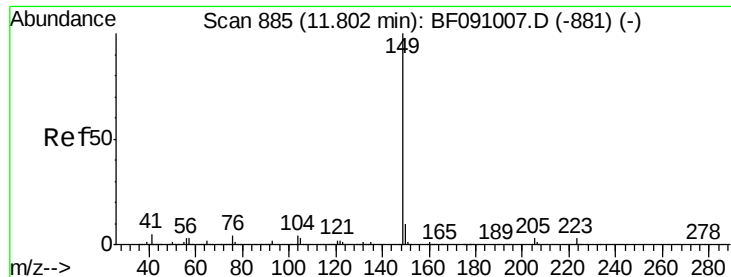


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 54.57 ng

RT: 11.73 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

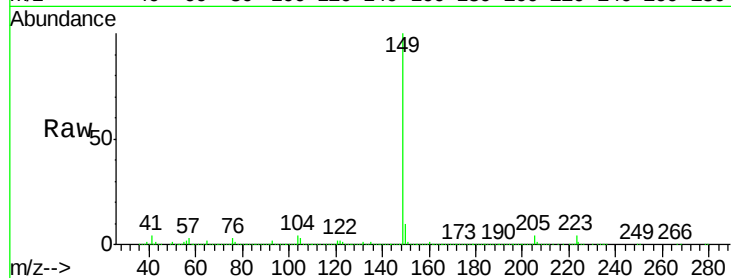
Tot Ion:149 Resp: 2211457

Ion Ratio Lower Upper

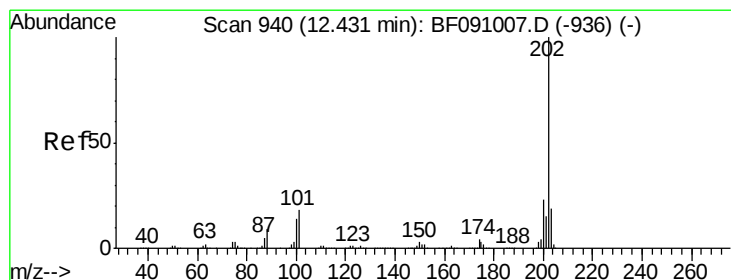
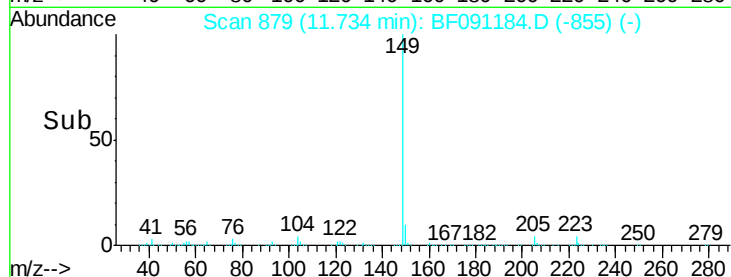
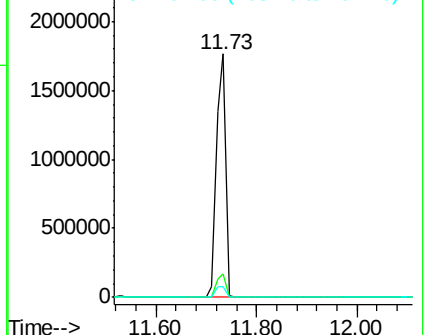
149 100

150 9.7 7.7 11.5

104 4.3 3.6 5.4



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: 50.32 ng

RT: 12.36 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

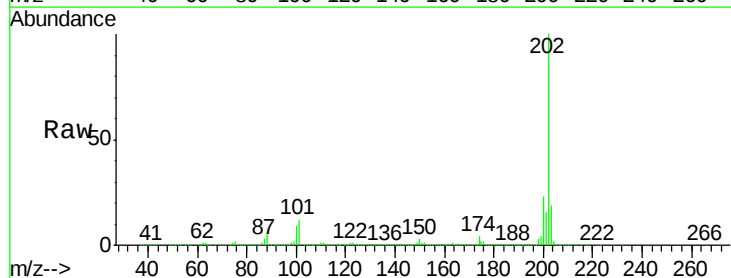
Tgt Ion:202 Resp: 1755058

Ion Ratio Lower Upper

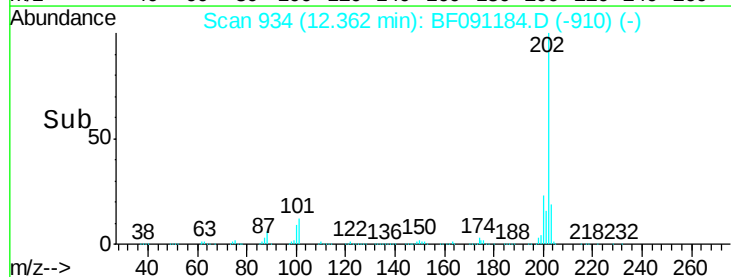
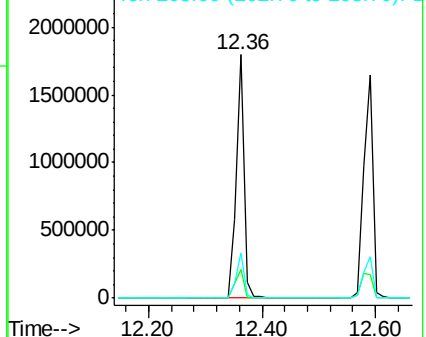
202 100

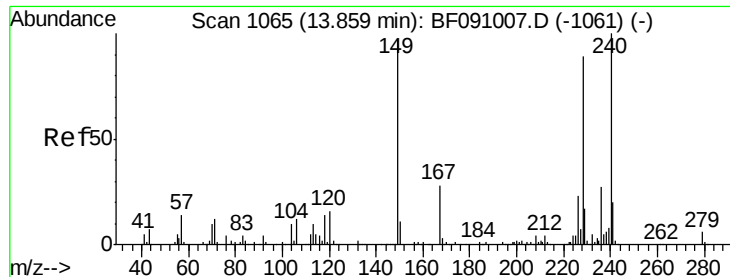
101 11.6 0.0 37.6

203 18.8 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

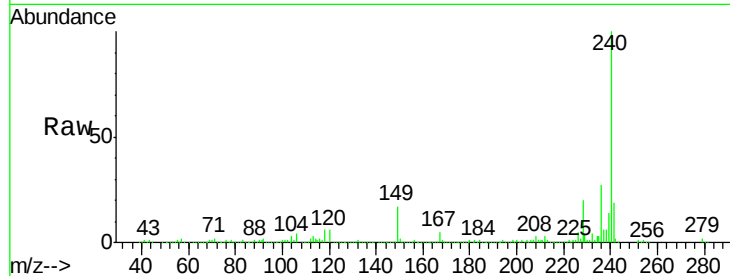
Tot Ion:240 Resp: 453388

Ion Ratio Lower Upper

240 100

120 6.3 12.9 19.3#

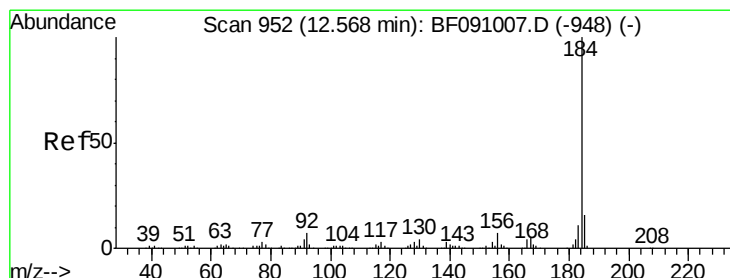
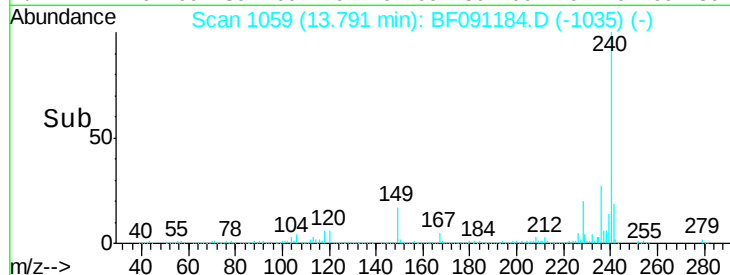
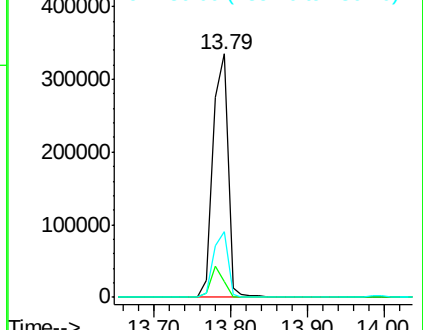
236 27.2 21.9 32.9



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: 42.66 ng

RT: 12.49 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

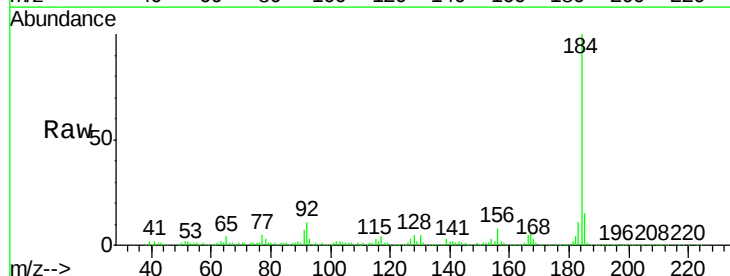
Tgt Ion:184 Resp: 432143

Ion Ratio Lower Upper

184 100

185 15.3 13.0 19.4

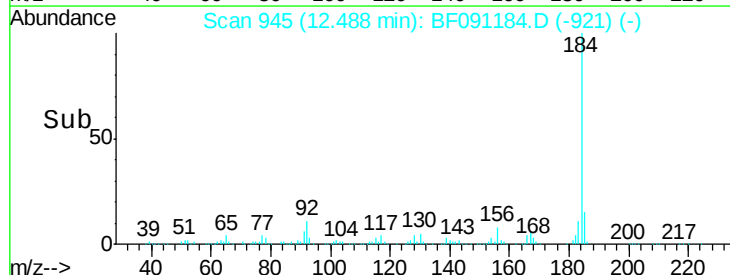
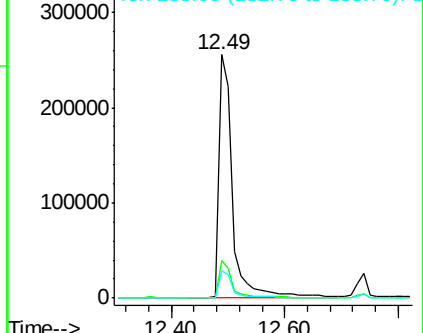
183 11.3 8.7 13.1

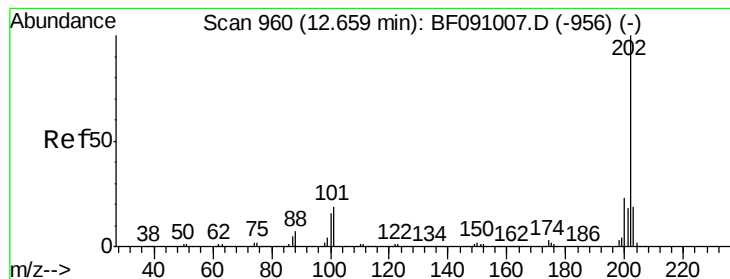


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 62.92 ng

RT: 12.59 min Scan# 954

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

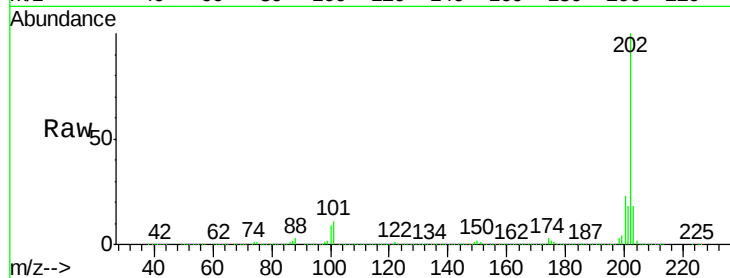
Tot Ion:202 Resp: 1868292

Ion Ratio Lower Upper

202 100

200 23.1 18.4 27.6

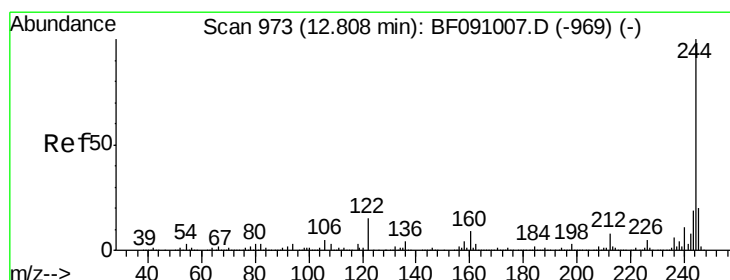
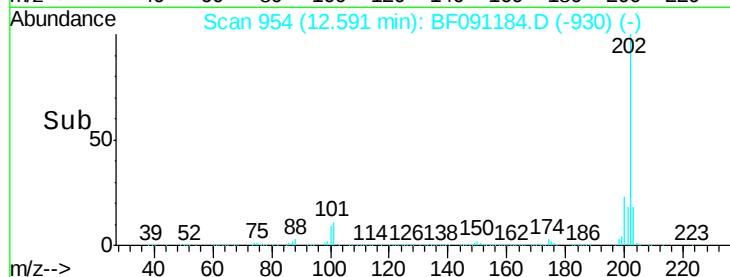
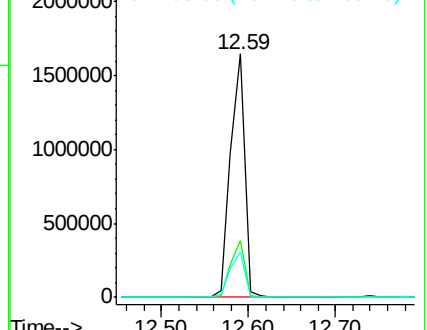
203 18.3 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 112.24 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

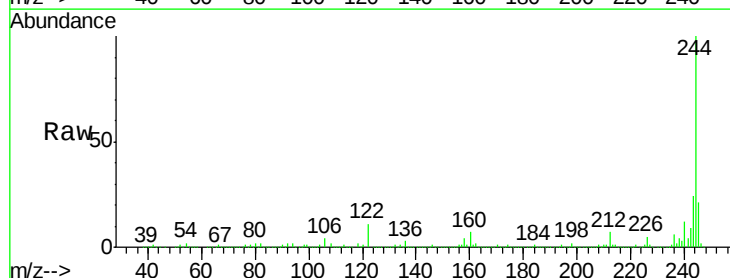
Tgt Ion:244 Resp: 2039221

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

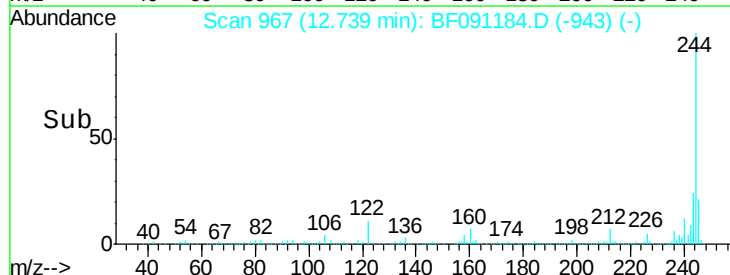
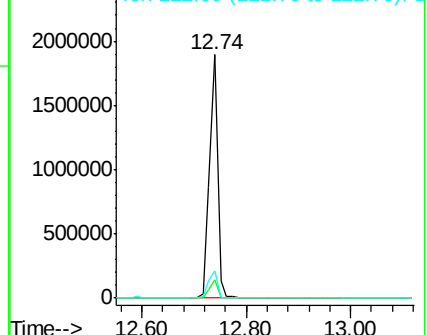
122 11.0 12.3 18.5

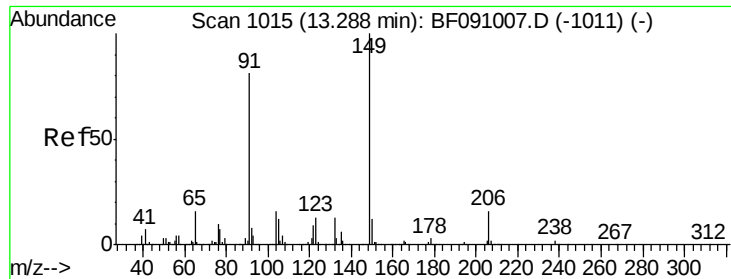


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

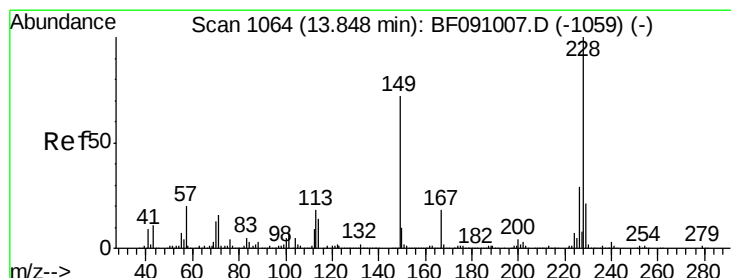
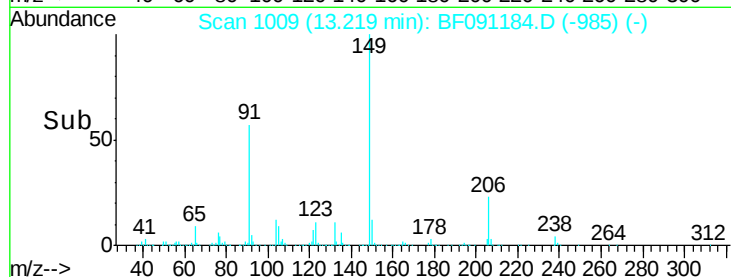
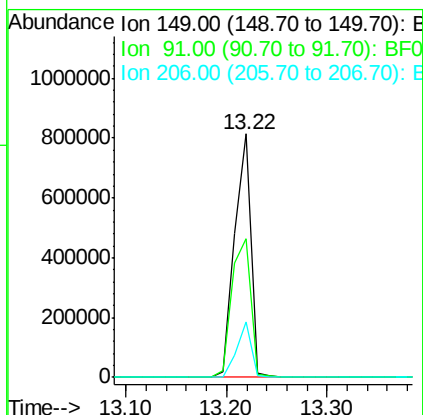
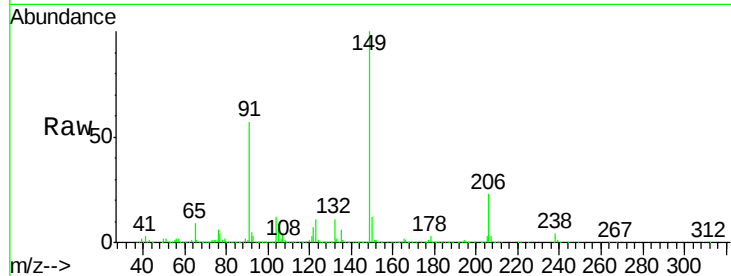




#79
Butylbenzylphthalate
Concen: 64.29 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

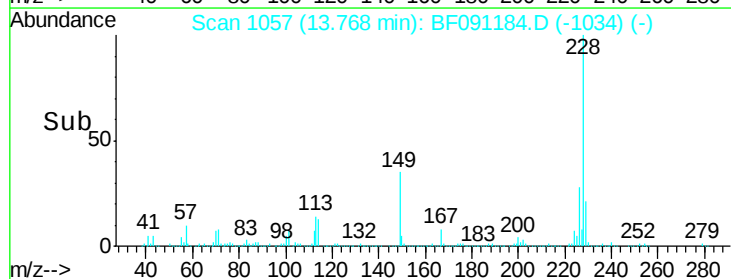
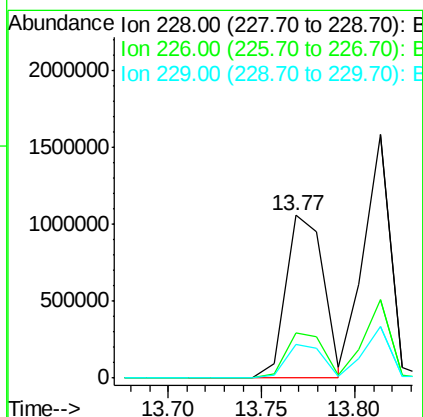
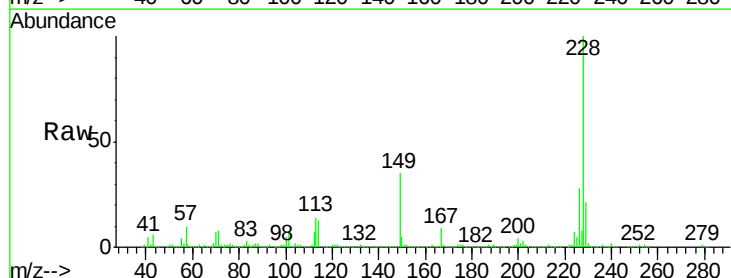
Instrument :
BNA_F
ClientSampleId :
C19023041MSD

Tot Ion:149 Resp: 913047
Ion Ratio Lower Upper
149 100
91 57.1 65.0 97.4#
206 22.7 12.5 18.7#



#80
Benzo(a)anthracene
Concen: 57.89 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Tgt Ion:228 Resp: 1490227
Ion Ratio Lower Upper
228 100
226 28.0 23.0 34.6
229 20.8 16.6 24.8

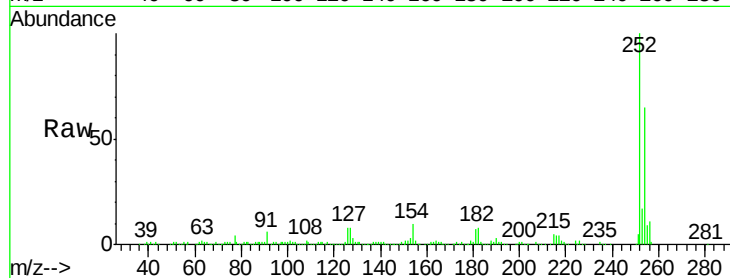




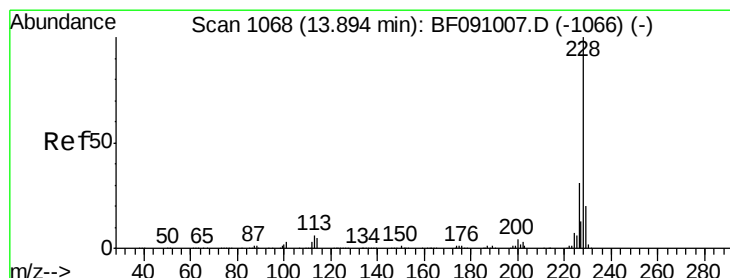
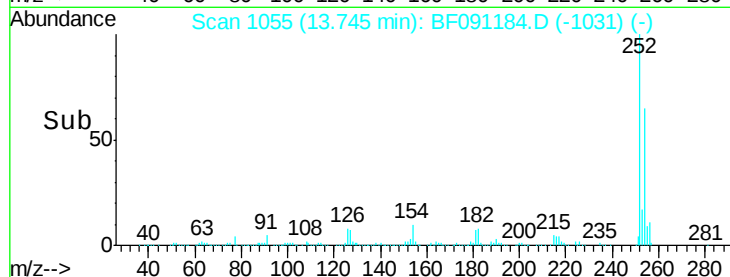
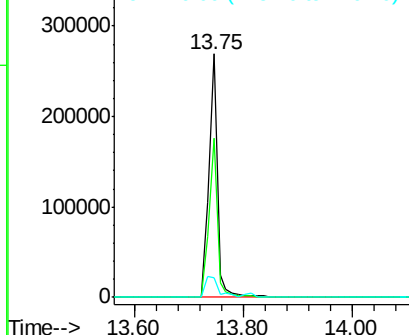
#81
 3,3'-Dichlorobenzidine
 Concen: 32.93 ng
 RT: 13.75 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

Tot Ion:252 Resp: 297834
 Ion Ratio Lower Upper
 252 100
 254 65.3 52.0 78.0
 126 7.9 5.4 8.2

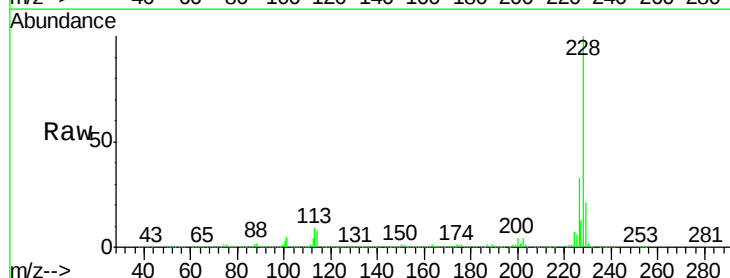


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

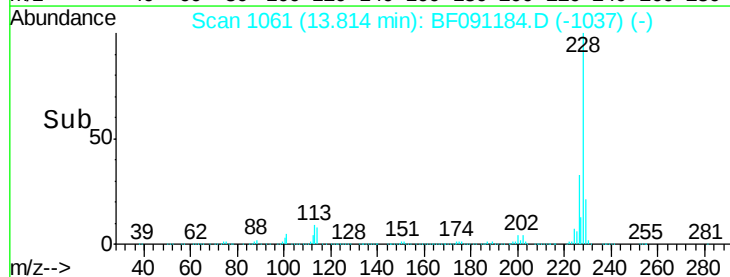
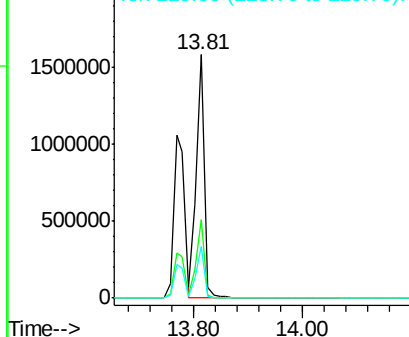


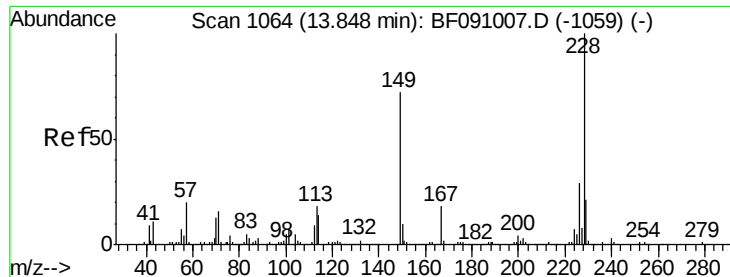
#82
 Chrysene
 Concen: 63.01 ng
 RT: 13.81 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

Tgt Ion:228 Resp: 1599302
 Ion Ratio Lower Upper
 228 100
 226 32.5 24.9 37.3
 229 21.0 15.9 23.9



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.85 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

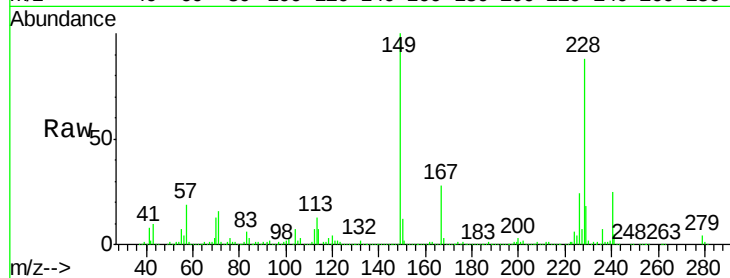
Tot Ion:149 Resp: 1054159

Ion Ratio Lower Upper

149 100

167 28.5 20.4 30.6

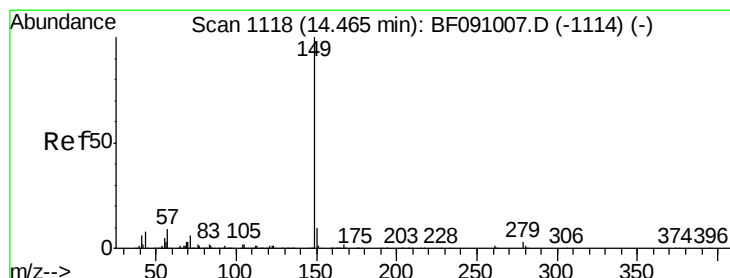
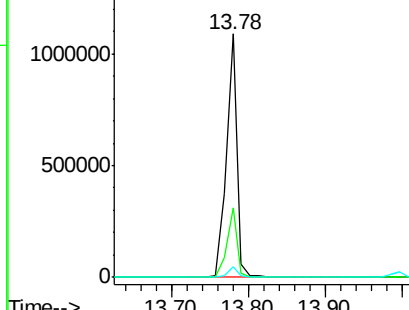
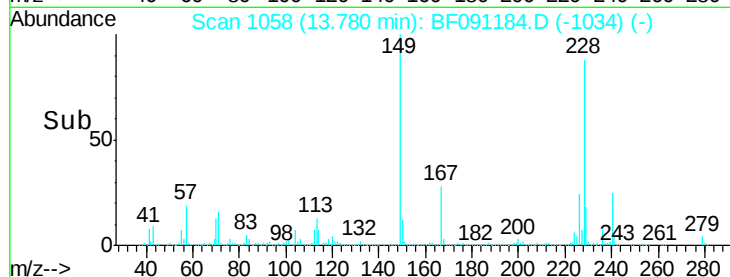
279 4.2 1.6 2.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 57.47 ng

RT: 14.39 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

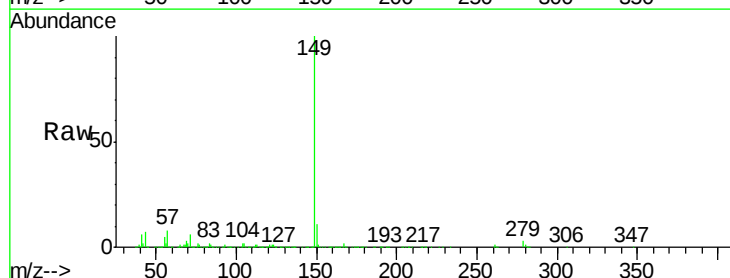
Tgt Ion:149 Resp: 1816075

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

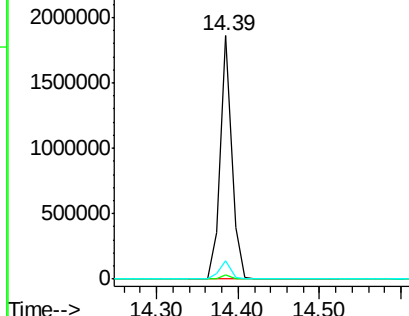
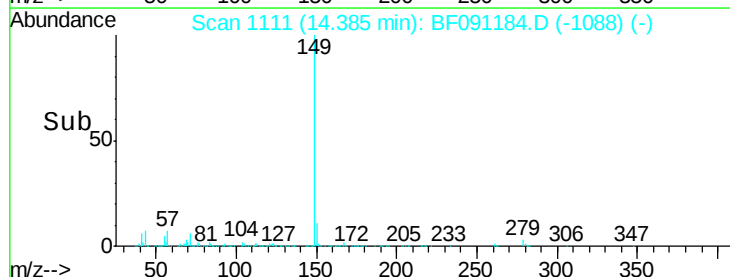
43 7.3 8.2 12.4#

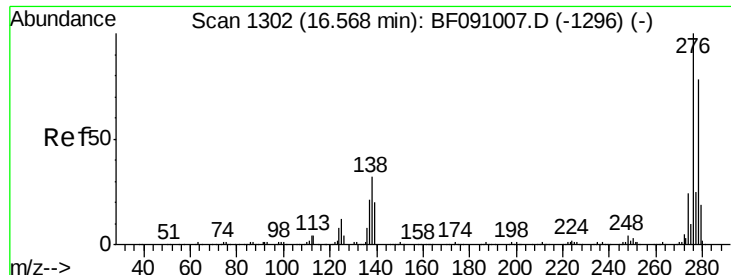


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

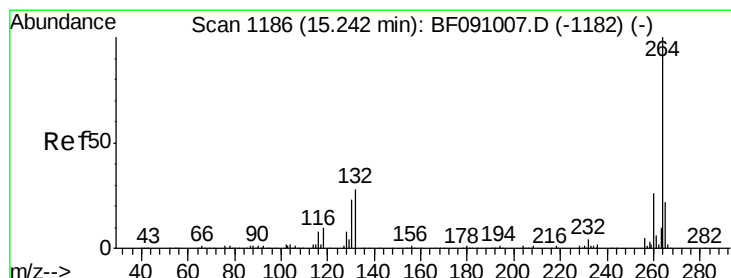
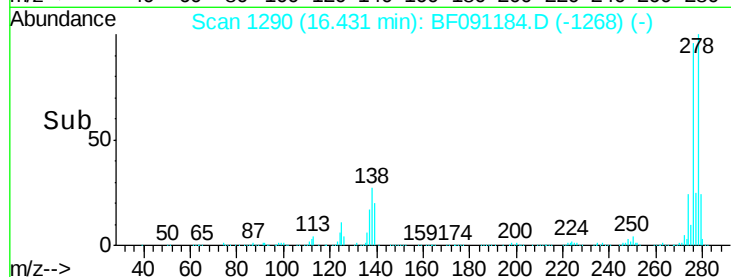
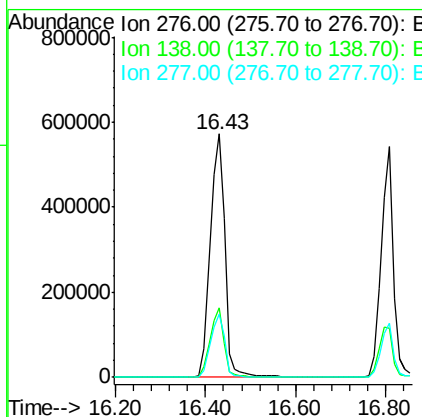
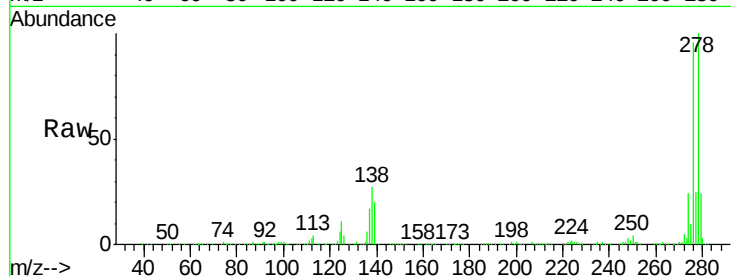




#85
Indeno(1,2,3-cd)pyrene
Concen: 61.95 ng
RT: 16.43 min Scan# 1290
Delta R.T. -0.05 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

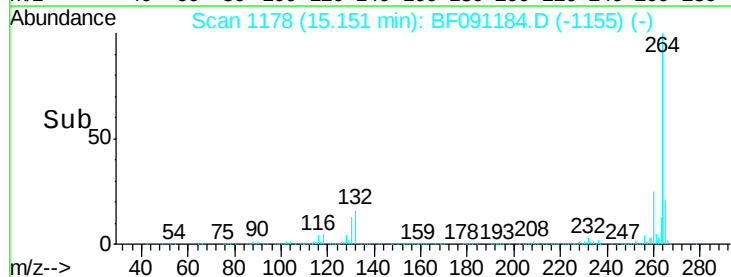
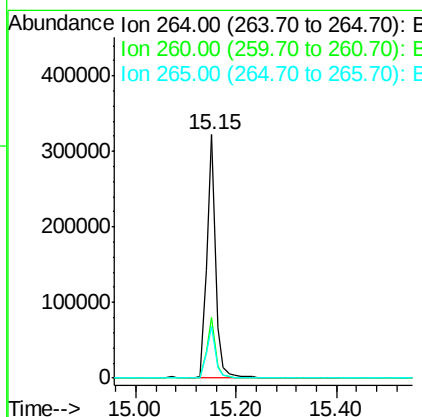
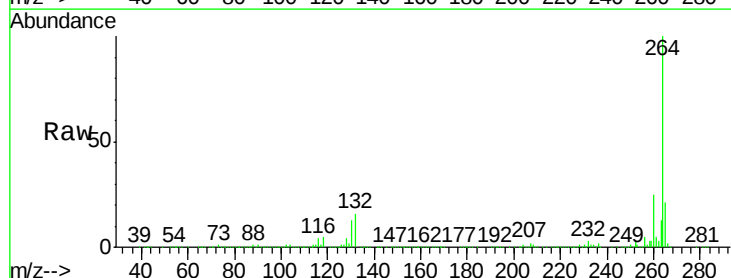
Instrument :
BNA_F
ClientSampleId :
C19023041MSD

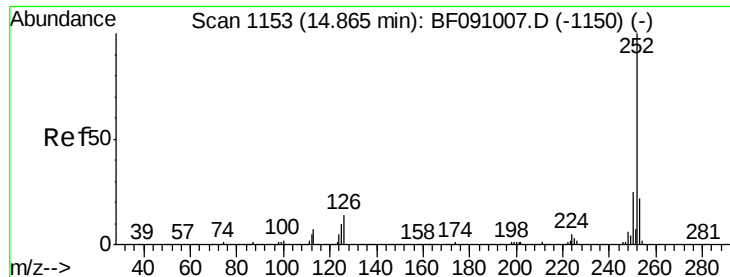
Tot Ion:276 Resp: 1304694
Ion Ratio Lower Upper
276 100
138 27.2 26.0 39.0
277 25.4 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Tgt Ion:264 Resp: 391579
Ion Ratio Lower Upper
264 100
260 24.8 20.6 30.8
265 21.4 17.8 26.8





#87

Benzo(b)fluoranthene

Concen: 67.54 ng m

RT: 14.77 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

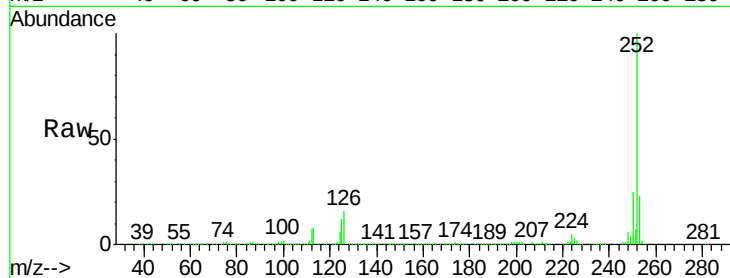
Tot Ion:252 Resp: 1793772

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

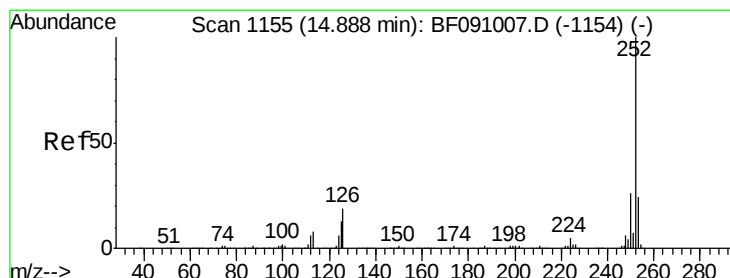
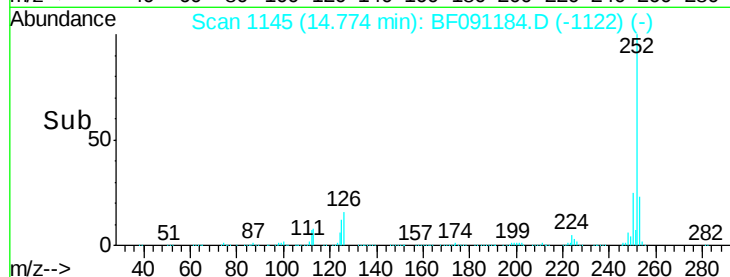
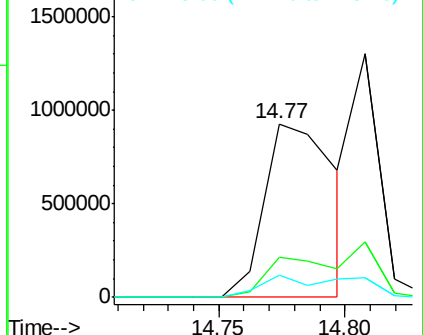
125 12.5 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.57 ng m

RT: 14.81 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF091184.D

Acq: 15 Nov 2016 17:43

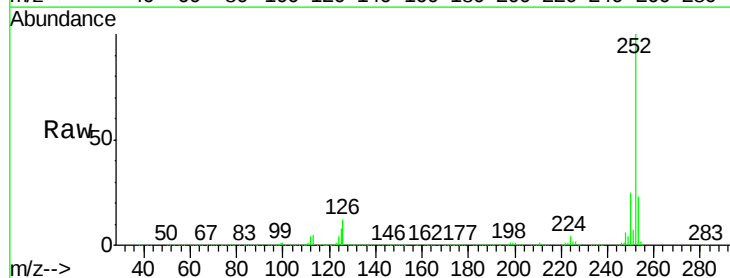
Tgt Ion:252 Resp: 1015061

Ion Ratio Lower Upper

252 100

253 22.9 18.6 28.0

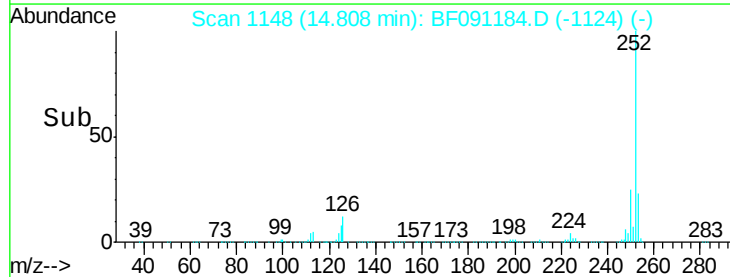
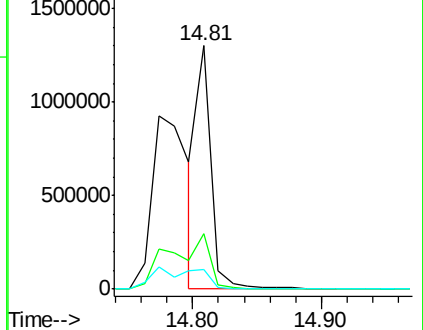
125 8.0 11.2 16.8#

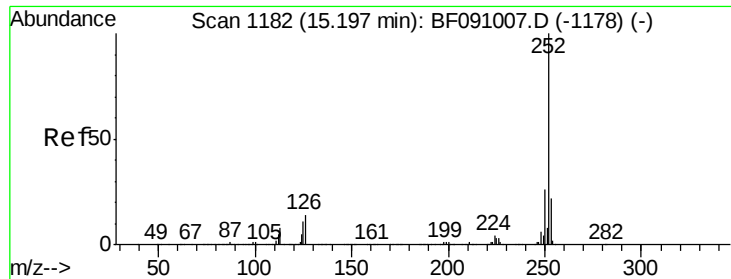


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

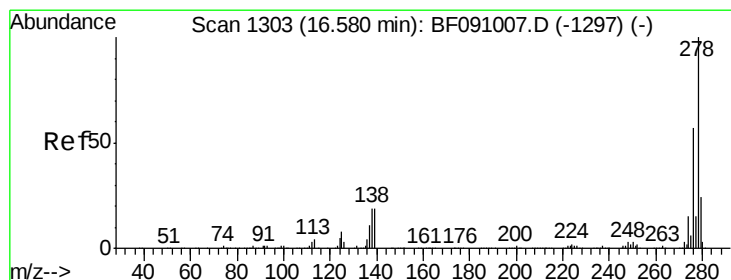
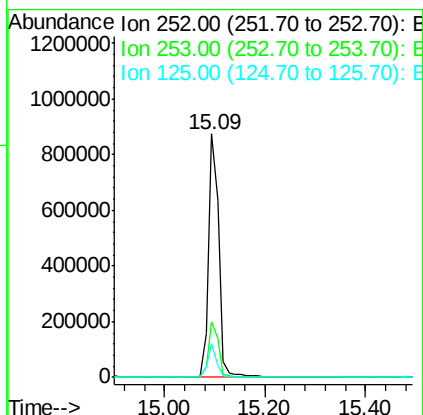
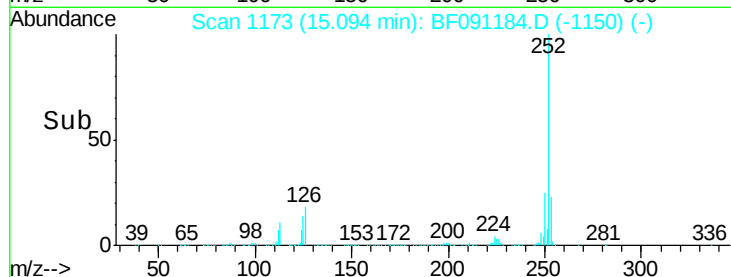
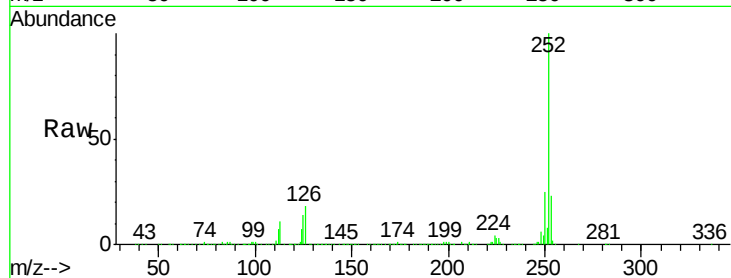




#89
Benzo(a)pyrene
Concen: 52.90 ng
RT: 15.09 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

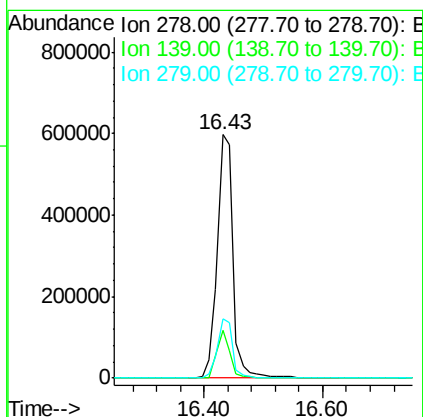
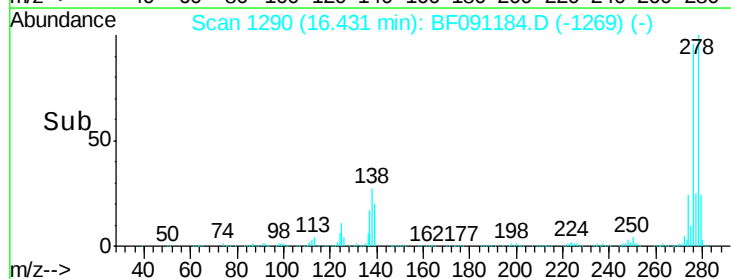
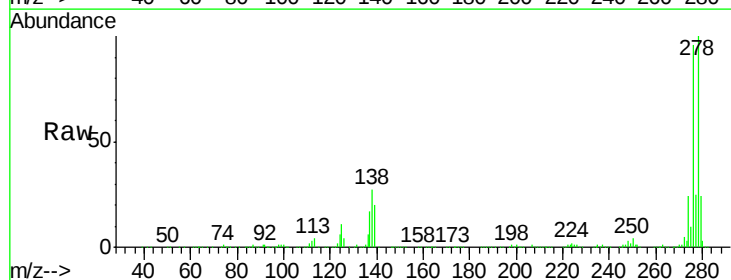
Instrument :
BNA_F
ClientSampleId :
C19023041MSD

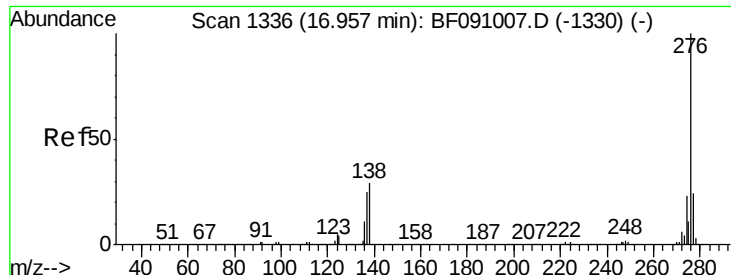
Tot Ion:252 Resp: 1223016
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 14.1 8.6 13.0#



#90
Dibenzo(a,h)anthracene
Concen: 55.32 ng
RT: 16.43 min Scan# 1290
Delta R.T. -0.06 min
Lab File: BF091184.D
Acq: 15 Nov 2016 17:43

Tgt Ion:278 Resp: 1105615
Ion Ratio Lower Upper
278 100
139 19.6 15.3 22.9
279 24.2 19.3 28.9

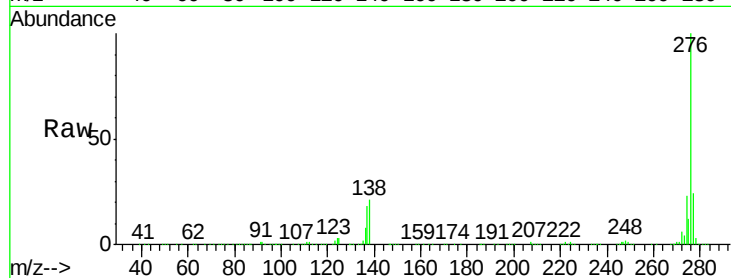




#91
 Benzo(a,h,i)perylene
 Concen: 57.49 ng
 RT: 16.81 min Scan# 1323
 Delta R.T. -0.05 min
 Lab File: BF091184.D
 Acq: 15 Nov 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

Tot Ion:276 Resp: 1039172
 Ion Ratio Lower Upper
 276 100
 277 23.6 19.2 28.8
 138 21.2 23.3 34.9#



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

