

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
 Data File : BF091571.D
 Acq On : 14 Dec 2016 1:00
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 14 04:14:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	296783	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1147699	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	548500	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	832353	20.00	ng	0.00
75) Chrysene-d12	13.96	240	572362	20.00	ng	0.00
86) Perylene-d12	15.38	264	685275	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1410976	80.10	ng	0.00
7) Phenol-d6	6.45	99	1637095	74.54	ng	0.00
23) Nitrobenzene-d5	7.38	82	1529274	74.37	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	306252	67.22	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	2408486	75.87	ng	0.00
78) Terphenyl-d14	12.91	244	1790820	71.00	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	358989	38.61	ng	# 84
3) Pyridine	3.08	79	1042277	42.07	ng	# 79
4) n-Nitrosodimethylamine	3.02	42	390512	36.69	ng	# 60
6) Aniline	6.48	93	1100310	38.21	ng	# 76
8) 2-Chlorophenol	6.60	128	789731	39.72	ng	99
9) Benzaldehyde	6.58	77	37780	2.50	ng	83
10) Phenol	6.46	94	846451	32.96	ng	84
11) bis(2-Chloroethyl)ether	6.56	93	799981	41.47	ng	# 83
12) 1,3-Dichlorobenzene	6.99	146	758962	35.20	ng	96
13) 1,4-Dichlorobenzene	6.83	146	805957	37.90	ng	96
14) 1,2-Dichlorobenzene	6.99	146	759733	39.64	ng	93
15) Benzyl Alcohol	6.96	79	618096	35.65	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1173802	39.27	ng	81
17) 2-Methylphenol	7.08	107	647607	39.36	ng	# 76
18) Hexachloroethane	7.33	117	306983	36.98	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	516061	37.58	ng	# 84
20) 3+4-Methylphenols	7.23	107	690317	38.39	ng	# 58
22) Acetophenone	7.23	105	1074329	39.07	ng	# 95
24) Nitrobenzene	7.40	77	903157	41.57	ng	# 85
25) Isophorone	7.64	82	1416028	38.74	ng	100
26) 2-Nitrophenol	7.72	139	387792	40.44	ng	# 64
27) 2,4-Dimethylphenol	7.77	122	647714	38.46	ng	90
28) bis(2-Chloroethoxy)methane	7.86	93	886851	41.36	ng	97
29) 2,4-Dichlorophenol	7.96	162	587035	40.06	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	618477	37.14	ng	99
31) Naphthalene	8.12	128	1963002	36.76	ng	99
32) Benzoic acid	7.87	122	356131	31.36	ng	92
33) 4-Chloroaniline	8.18	127	876220	38.09	ng	# 89
34) Hexachlorobutadiene	8.25	225	373247	39.10	ng	98
35) Caprolactam	8.54	113	179058	41.84	ng	# 56
36) 4-Chloro-3-methylphenol	8.66	107	621580	37.82	ng	97
37) 2-Methylnaphthalene	8.82	142	1287931	37.26	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	549753	36.54	ng	99
40) Hexachlorocyclopentadiene	8.97	237	162042	24.16	ng	99

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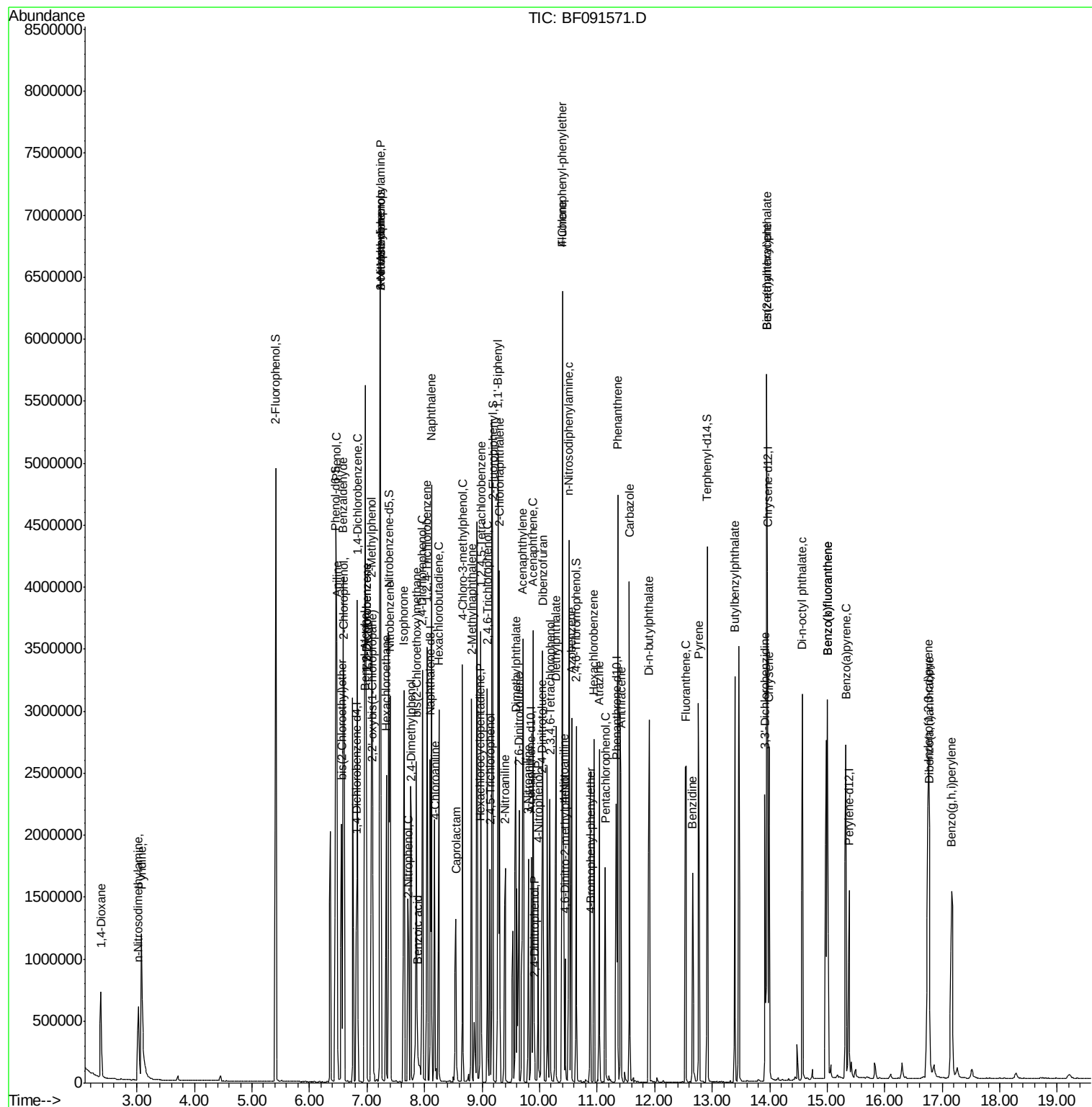
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	388724	40.21	ng	98
43) 2,4,5-Trichlorophenol	9.14	196	375394	37.79	ng	95
45) 1,1'-Biphenyl	9.28	154	1471408	37.04	ng	99
46) 2-Chloronaphthalene	9.30	162	1114068	36.21	ng	98
47) 2-Nitroaniline	9.40	65	400727	38.73	ng	# 71
48) Acenaphthylene	9.71	152	1765291	37.64	ng	99
49) Dimethylphthalate	9.58	163	1413842	40.71	ng	99
50) 2,6-Dinitrotoluene	9.64	165	329376	43.21	ng	# 72
51) Acenaphthene	9.88	154	1149893	35.30	ng	97
52) 3-Nitroaniline	9.80	138	367135	41.00	ng	88
53) 2,4-Dinitrophenol	9.90	184	59186	20.84	ng	# 68
54) Dibenzofuran	10.05	168	1487911	36.92	ng	99
55) 4-Nitrophenol	9.97	139	260449	39.09	ng	# 77
56) 2,4-Dinitrotoluene	10.04	165	426951	44.68	ng	92
57) Fluorene	10.40	166	1063869	35.94	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	303331	39.00	ng	98
59) Diethylphthalate	10.28	149	1359405	40.65	ng	# 94
60) 4-Chlorophenyl-phenylether	10.40	204	570196	39.35	ng	93
61) 4-Nitroaniline	10.42	138	374801	42.12	ng	99
62) Azobenzene	10.56	77	1449957	38.26	ng	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	110145	23.40	ng	# 78
65) n-Nitrosodiphenylamine	10.51	169	1007049	40.58	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	337211	39.52	ng	# 72
67) Hexachlorobenzene	10.94	284	336057	37.87	ng	# 78
68) Atrazine	11.04	200	278951	34.96	ng	99
69) Pentachlorophenol	11.14	266	184943	37.03	ng	98
70) Phenanthrene	11.36	178	1623978	39.40	ng	99
71) Anthracene	11.41	178	1683843	37.87	ng	98
72) Carbazole	11.56	167	1455134	37.34	ng	99
73) Di-n-butylphthalate	11.90	149	1918178	42.25	ng	99
74) Fluoranthene	12.55	202	1598851	37.05	ng	98
76) Benzidine	12.66	184	705373	39.86	ng	99
77) Pyrene	12.76	202	1567526	34.52	ng	98
79) Butylbenzylphthalate	13.39	149	703972	39.77	ng	92
80) Benzo(a)anthracene	13.95	228	1252803	37.69	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	480544	40.26	ng	# 97
82) Chrysene	13.99	228	1297575	37.31	ng	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	889467	39.17	ng	99
84) Di-n-octyl phthalate	14.57	149	1715806	44.51	ng	# 90
85) Indeno(1,2,3-cd)pyrene	16.75	276	1642479	52.48	ng	98
87) Benzo(b)fluoranthene	15.00	252	2837711	69.47	ng	99
88) Benzo(k)fluoranthene	15.00	252	2837711	79.00	ng	99
89) Benzo(a)pyrene	15.32	252	1426569	38.76	ng	98
90) Dibenzo(a,h)anthracene	16.77	278	1385875	42.04	ng	# 96
91) Benzo(g,h,i)perylene	17.16	276	1409532	42.01	ng	# 94

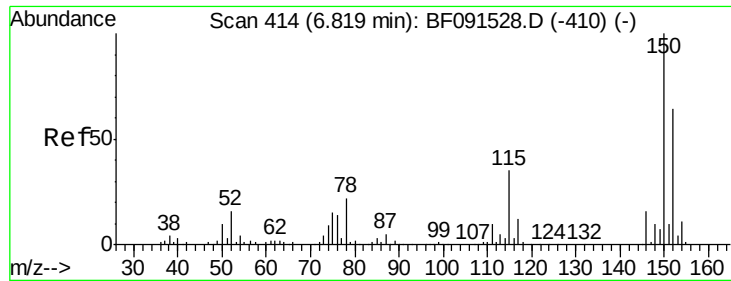
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

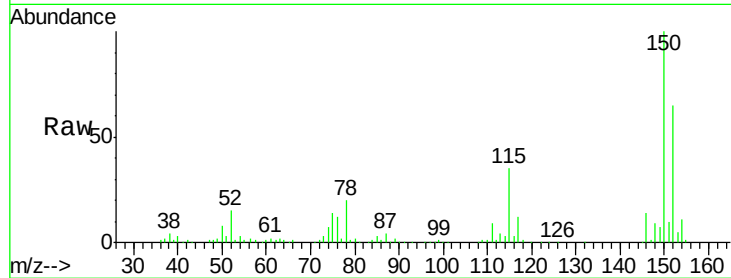
Tgt Ion:152 Resp: 296783

Ion Ratio Lower Upper

152 100

150 153.6 122.5 183.7

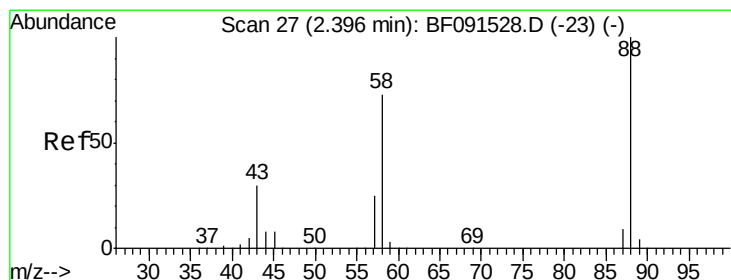
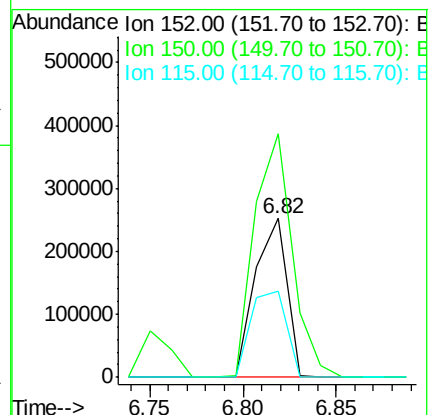
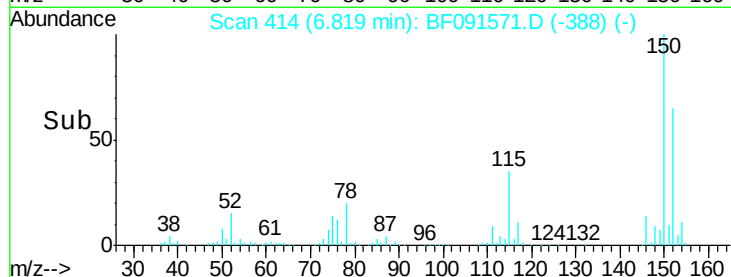
115 54.5 51.8 77.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.61 ng

RT: 2.37 min Scan# 25

Delta R.T. -0.02 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

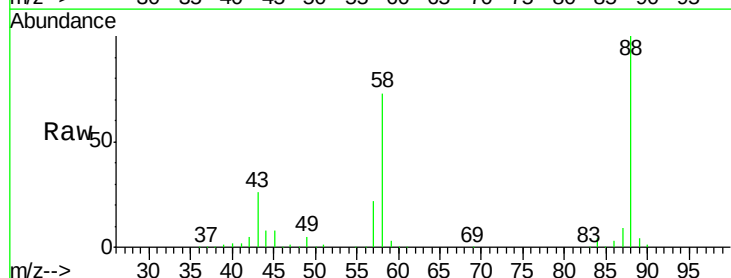
Tgt Ion: 88 Resp: 358989

Ion Ratio Lower Upper

88 100

58 74.6 70.3 105.5

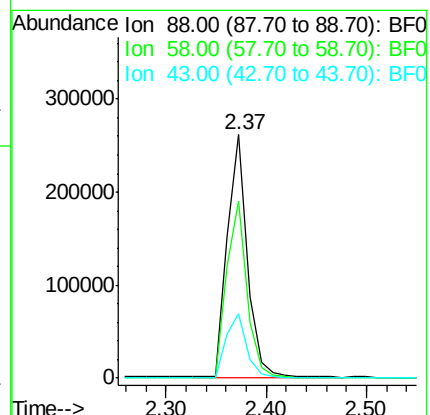
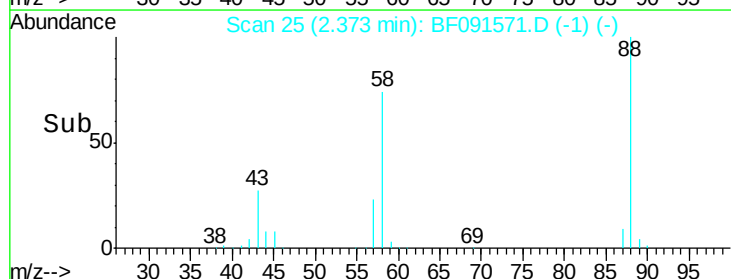
43 27.3 31.3 46.9#

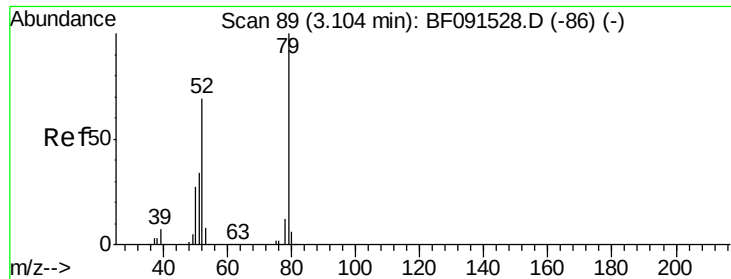


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

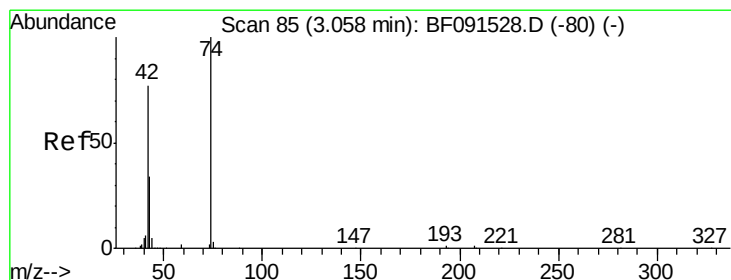
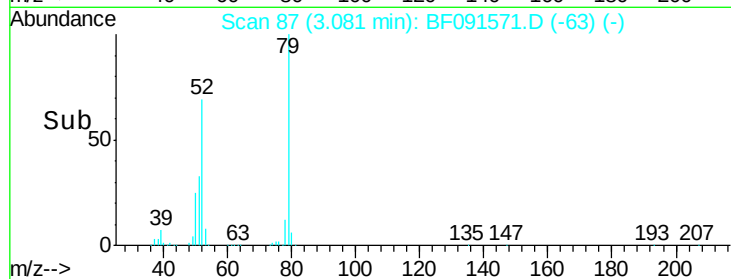
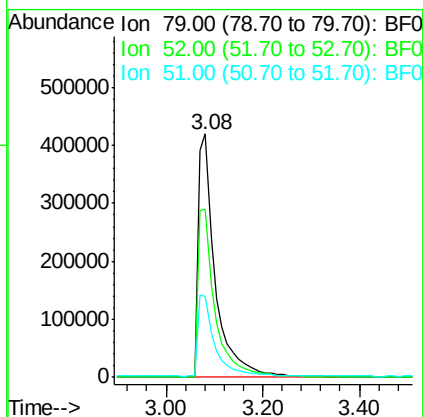
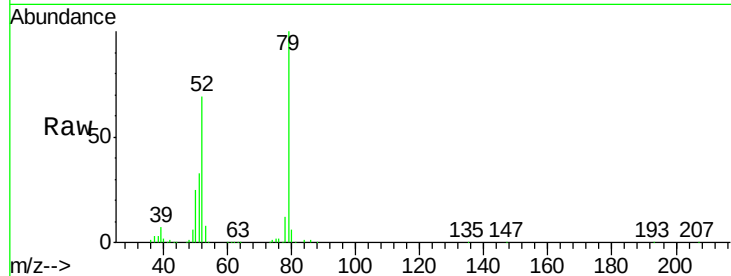




#3
 Pyridine
 Concen: 42.07 ng
 RT: 3.08 min Scan# 87
 Delta R.T. -0.02 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

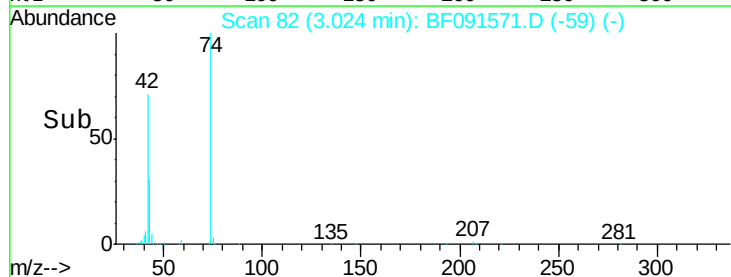
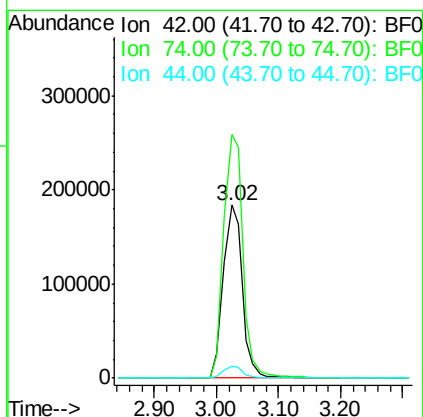
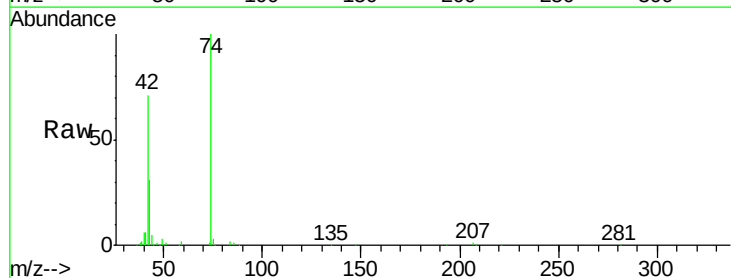
Instrument :
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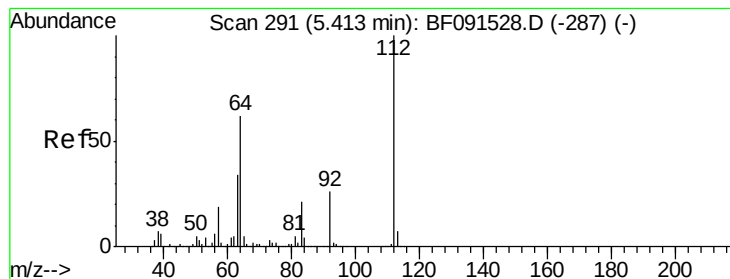
Tgt Ion: 79 Resp: 1042277
 Ion Ratio Lower Upper
 79 100
 52 68.8 71.0 106.4#
 51 33.3 37.0 55.4#



#4
 n-Nitrosodimethylamine
 Concen: 36.69 ng
 RT: 3.02 min Scan# 82
 Delta R.T. -0.03 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion: 42 Resp: 390512
 Ion Ratio Lower Upper
 42 100
 74 140.8 78.9 118.3#
 44 7.2 5.8 8.6





#5

2-Fluorophenol

Concen: 80.10 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

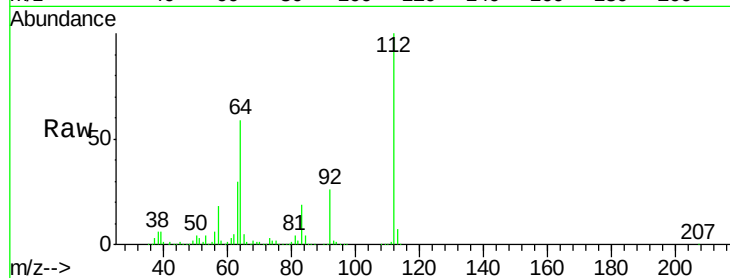
Tgt Ion:112 Resp: 1410976

Ion Ratio Lower Upper

112 100

64 59.3 61.5 92.3#

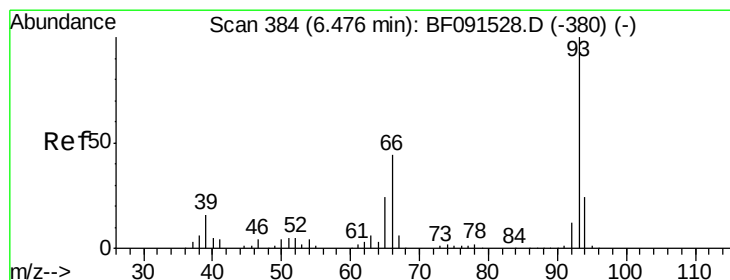
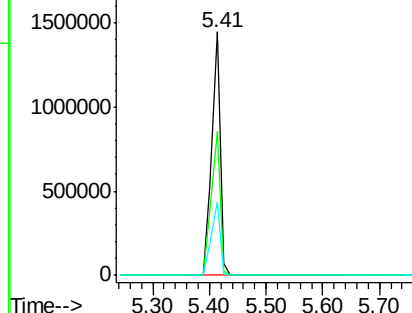
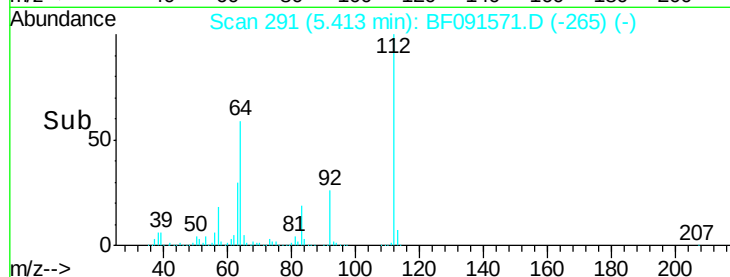
63 29.9 33.3 49.9#



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: 38.21 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

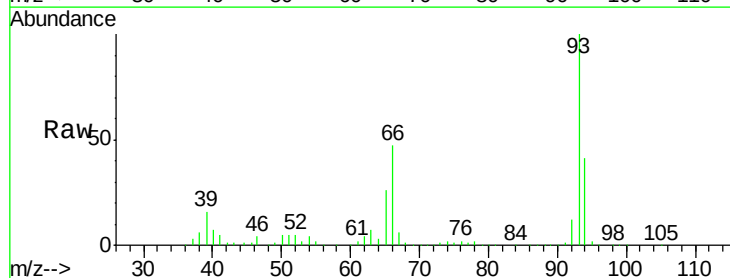
Tgt Ion: 93 Resp: 1100310

Ion Ratio Lower Upper

93 100

66 47.2 55.8 83.6#

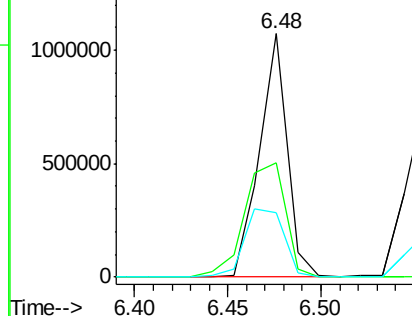
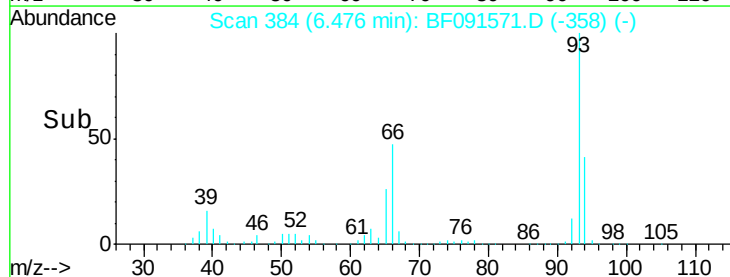
65 26.4 29.9 44.9#

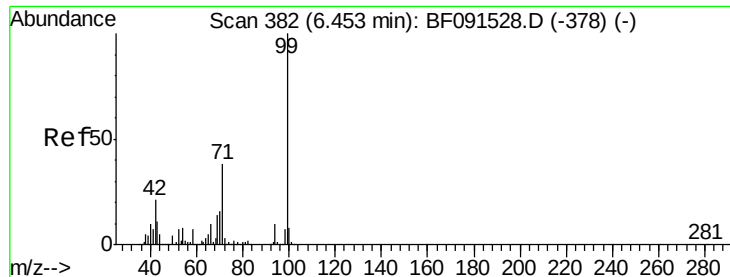


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.54 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

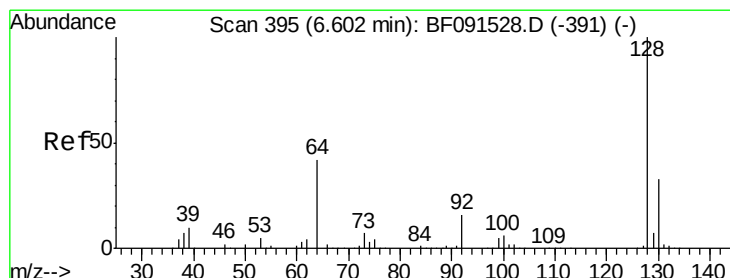
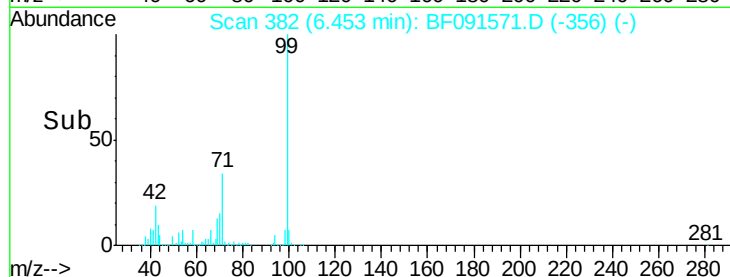
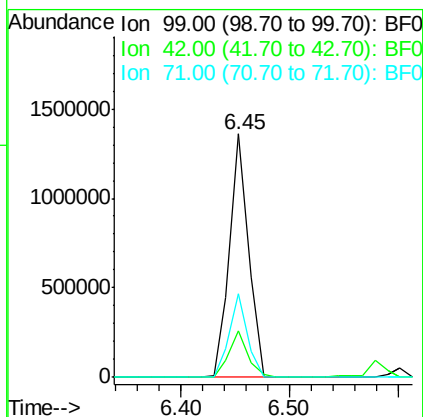
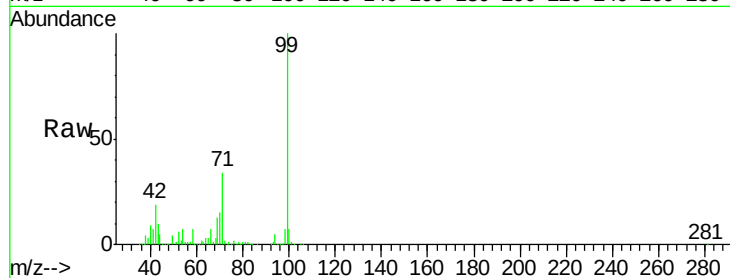
BNA_F

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Tgt Ion: 99 Resp: 1637095

Ion	Ratio	Lower	Upper
99	100		
42	19.3	20.6	31.0#
71	34.2	29.9	44.9



#8

2-Chlorophenol

Concen: 39.72 ng

RT: 6.60 min Scan# 395

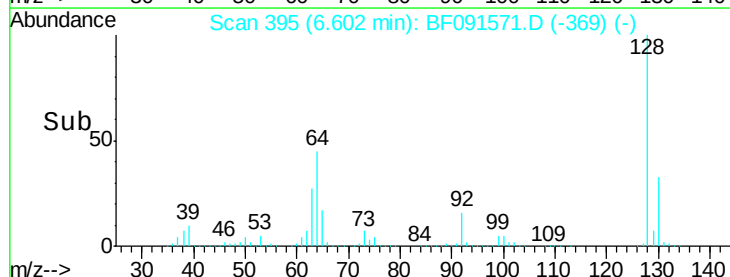
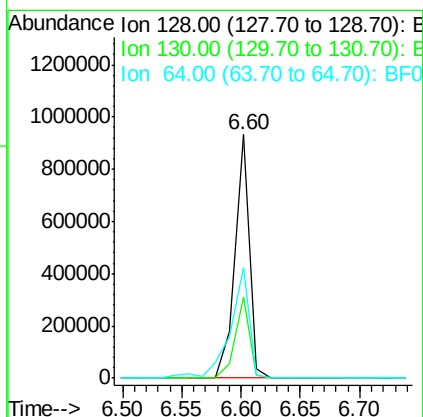
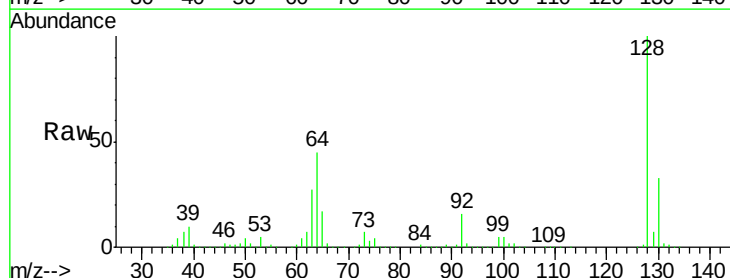
Delta R.T. -0.00 min

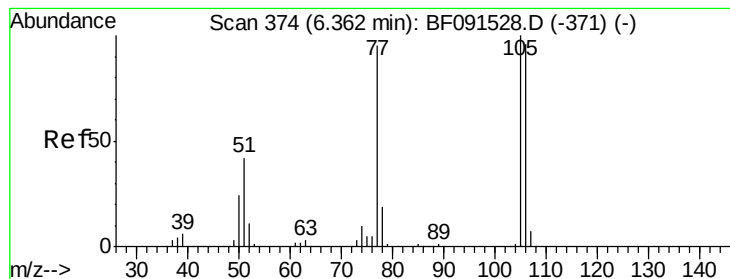
Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Tgt Ion: 128 Resp: 789731

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.1	53.1
64	45.2	24.1	64.1





#9

Benzaldehyde

Concen: 2.50 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.22 min

Lab File: BF091571.D

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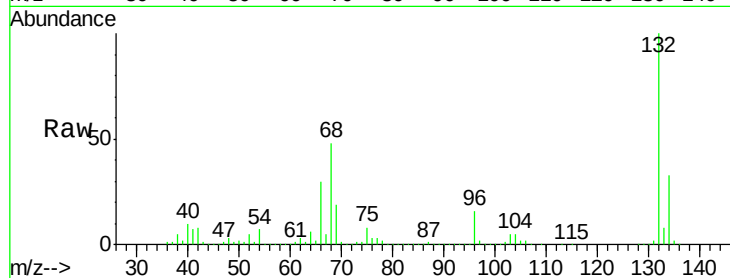
Tgt Ion: 77 Resp: 37780

Ion Ratio Lower Upper

77 100

105 73.0 66.4 106.4

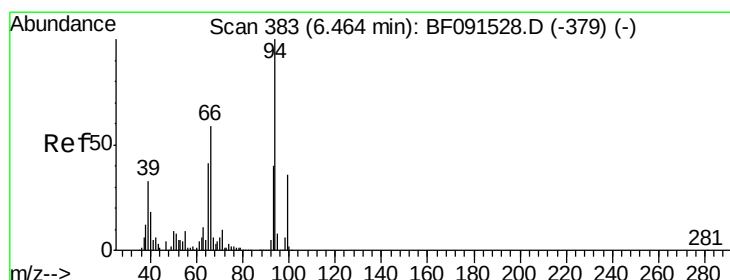
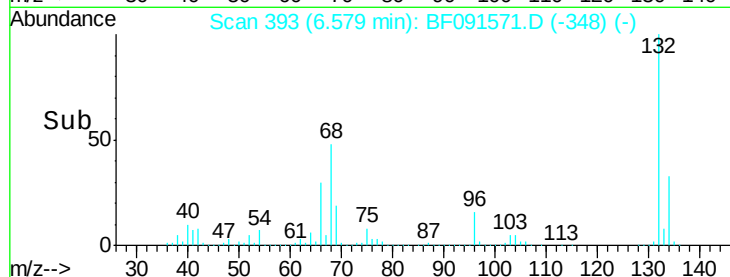
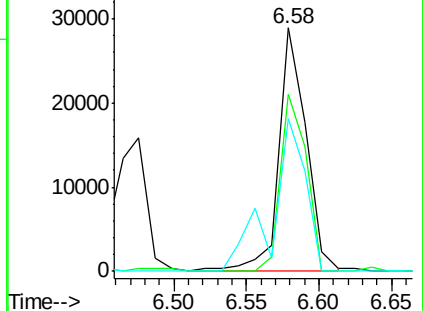
106 62.8 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 32.96 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

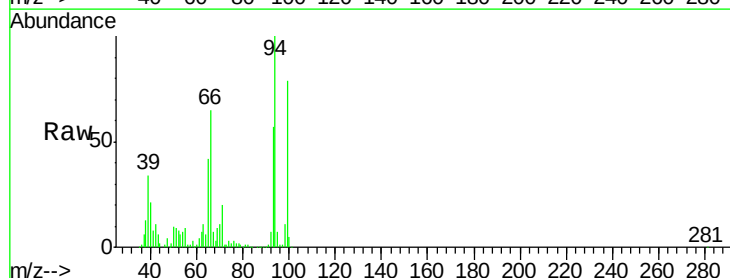
Tgt Ion: 94 Resp: 846451

Ion Ratio Lower Upper

94 100

65 42.5 16.9 56.9

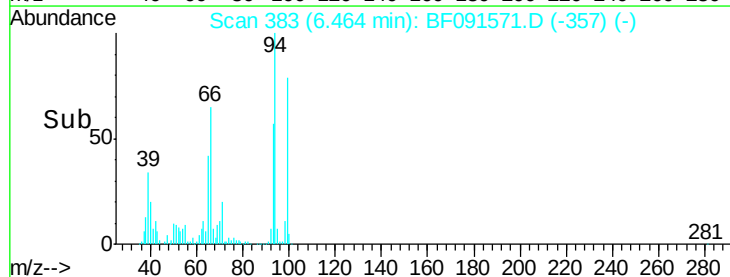
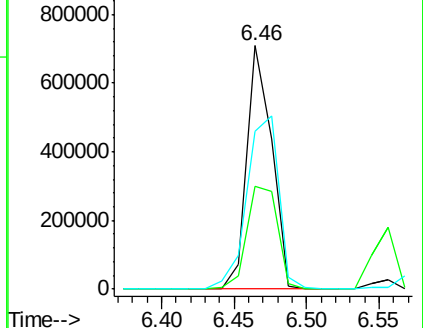
66 64.9 30.6 70.6

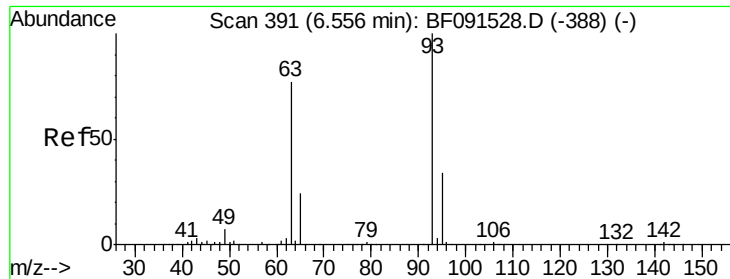


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

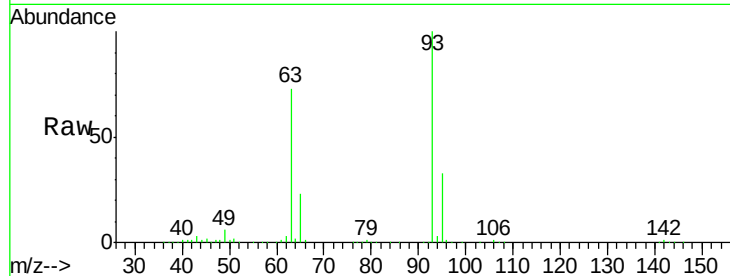




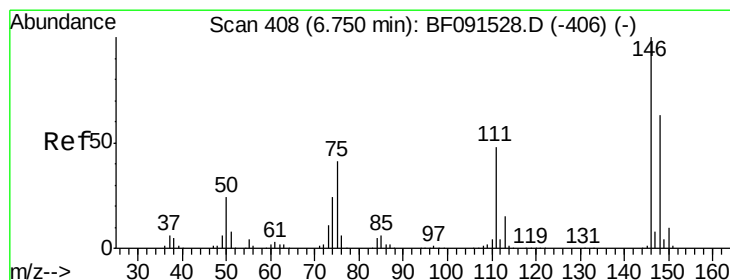
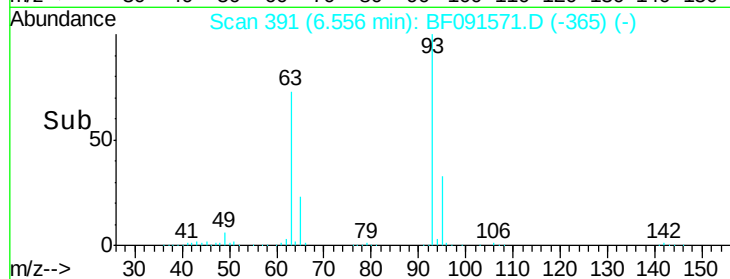
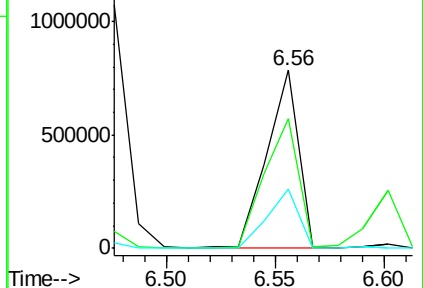
#11
bis(2-Chloroethyl)ether
Concen: 41.47 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 799981
Ion Ratio Lower Upper
93 100
63 72.8 74.8 114.8#
95 33.1 12.4 52.4

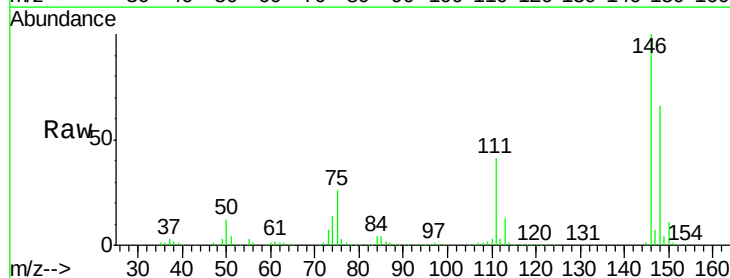


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

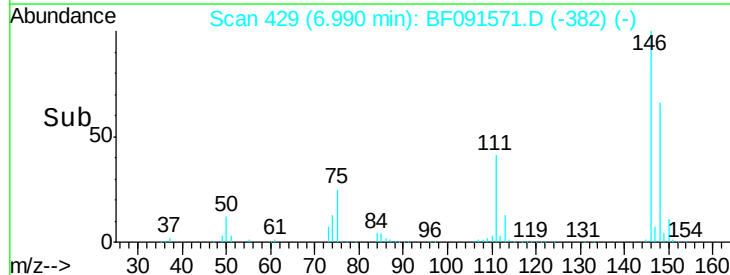
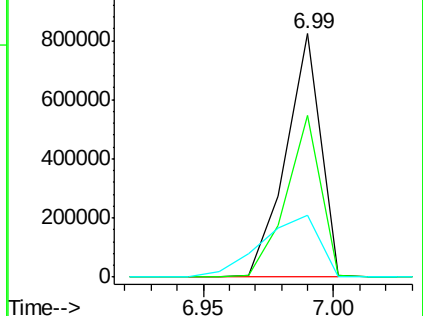


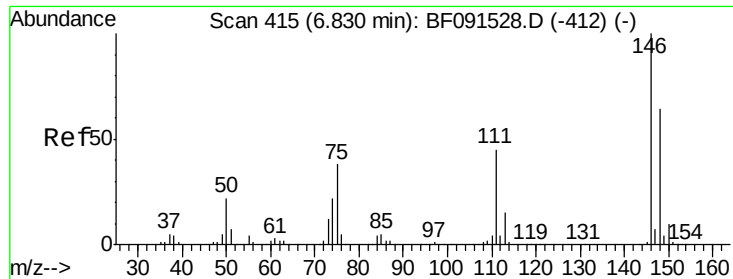
#12
1,3-Dichlorobenzene
Concen: 35.20 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.24 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion: 146 Resp: 758962
Ion Ratio Lower Upper
146 100
148 66.4 51.4 77.0
75 25.6 23.6 35.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

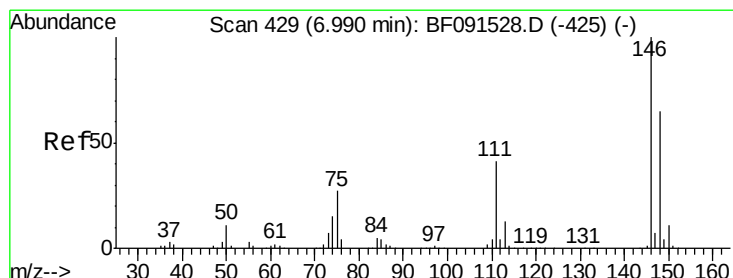
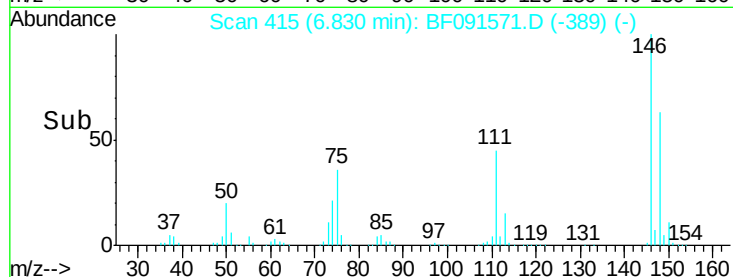
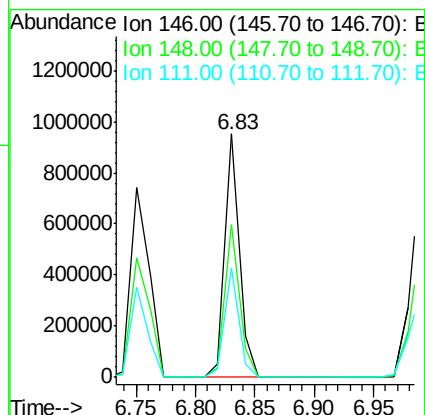
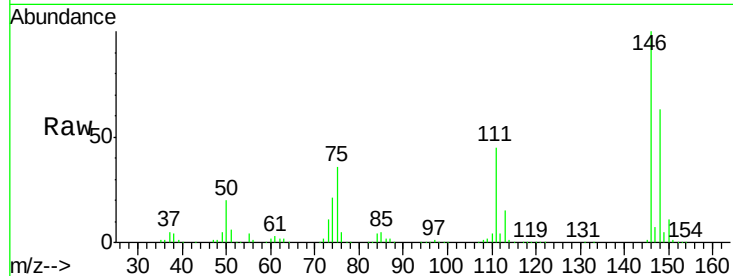




#13
 1,4-Dichlorobenzene
 Concen: 37.90 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

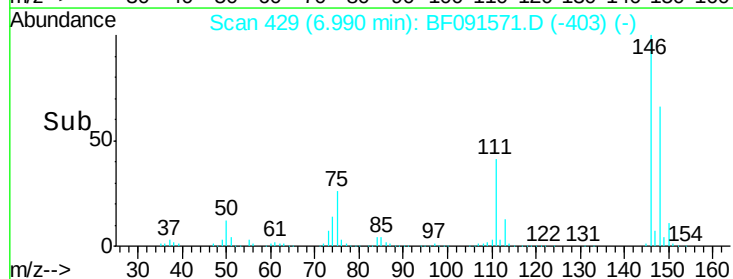
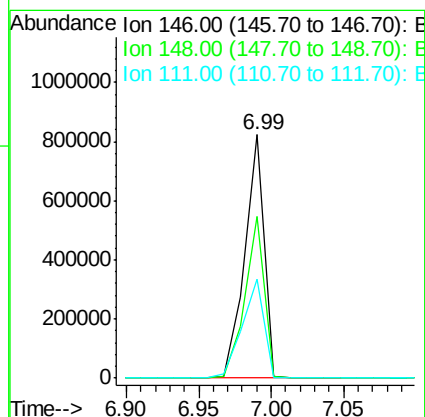
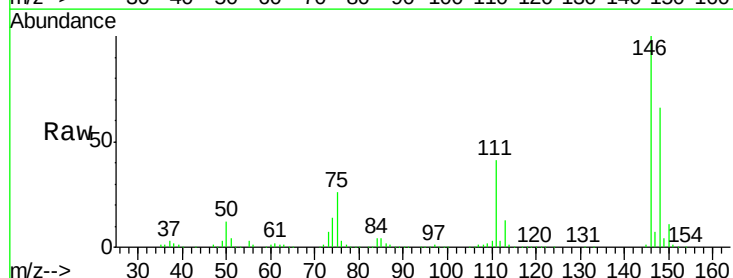
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

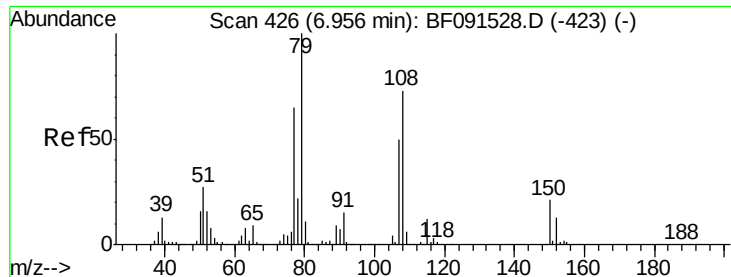
Tgt Ion:146 Resp: 805957
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.4 77.0
 111 44.8 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 39.64 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion:146 Resp: 759733
 Ion Ratio Lower Upper
 146 100
 148 66.4 51.0 76.6
 111 40.5 38.9 58.3





#15

Benzyl Alcohol

Concen: 35.65 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

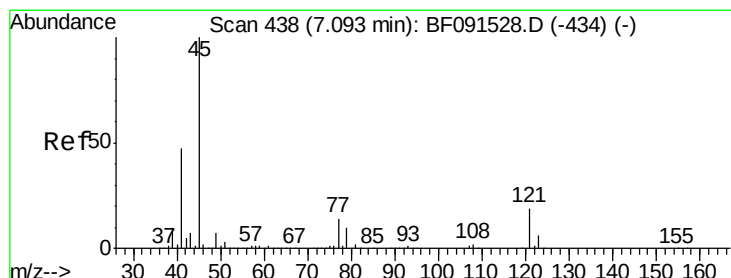
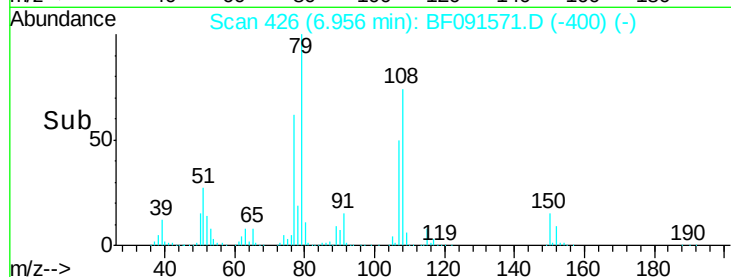
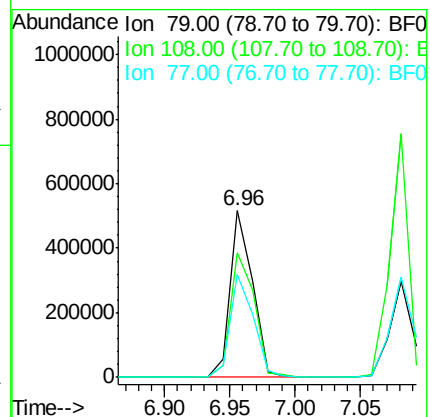
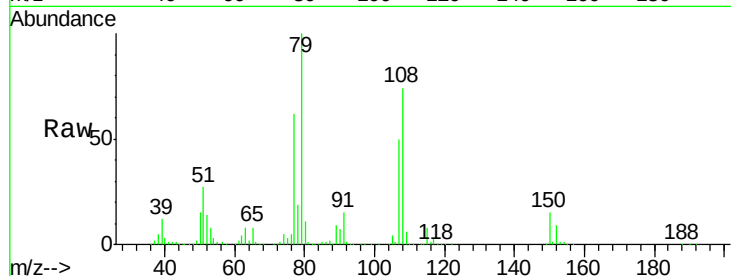
Tgt Ion: 79 Resp: 618096

Ion Ratio Lower Upper

79 100

108 74.5 62.7 94.1

77 61.9 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.27 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

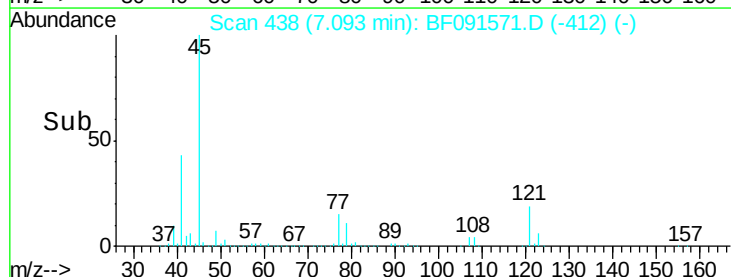
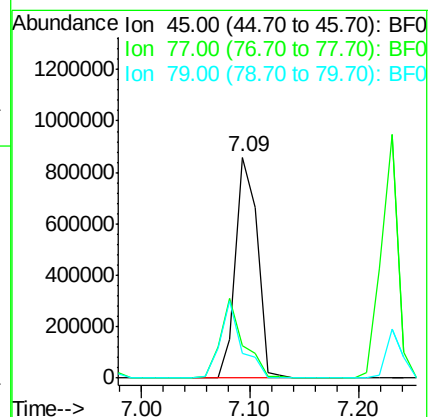
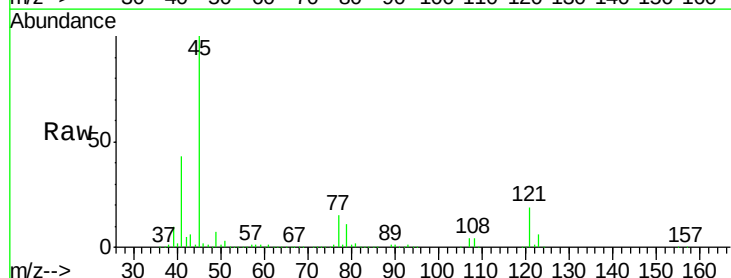
Tgt Ion: 45 Resp: 1173802

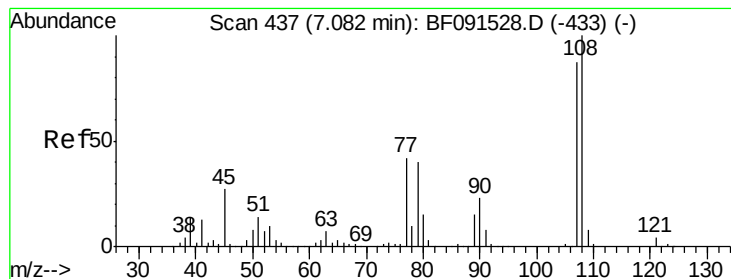
Ion Ratio Lower Upper

45 100

77 14.6 3.8 43.8

79 11.4 0.2 40.2





#17

2-Methylphenol

Concen: 39.36 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 647607

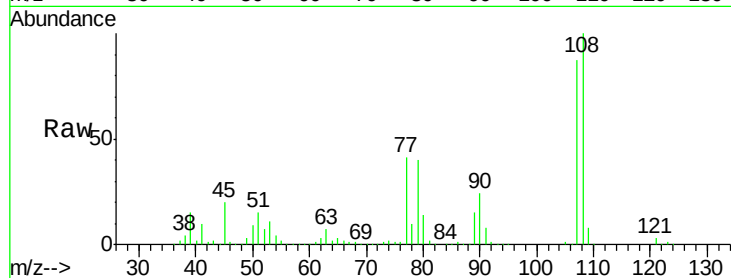
Ion Ratio Lower Upper

107 100

108 114.8 67.7 101.5#

77 47.3 40.7 61.1

79 45.6 23.4 35.2#



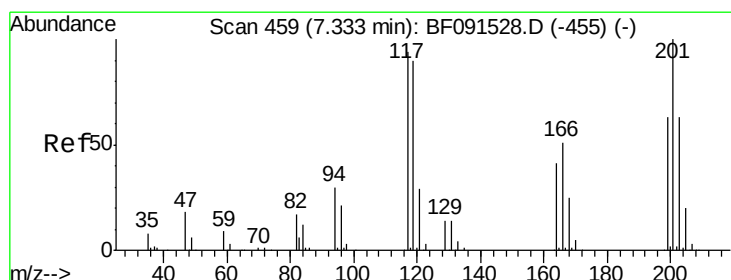
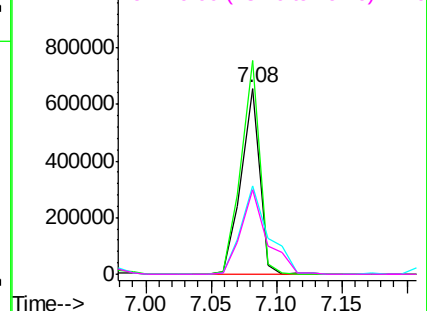
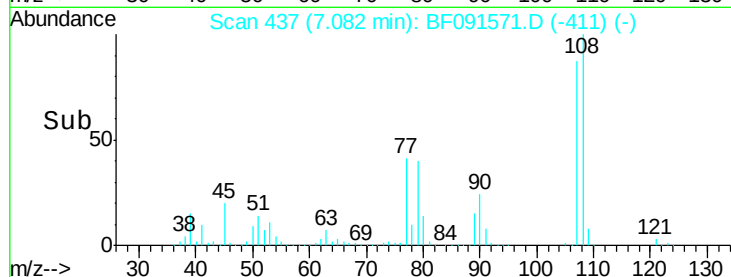
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.98 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

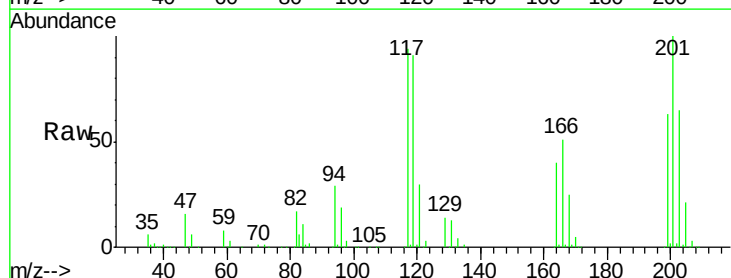
Tgt Ion:117 Resp: 306983

Ion Ratio Lower Upper

117 100

119 96.3 78.6 118.0

201 106.1 86.7 130.1

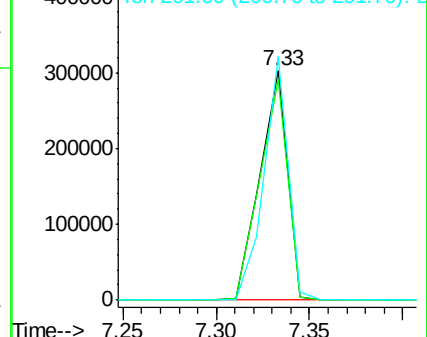
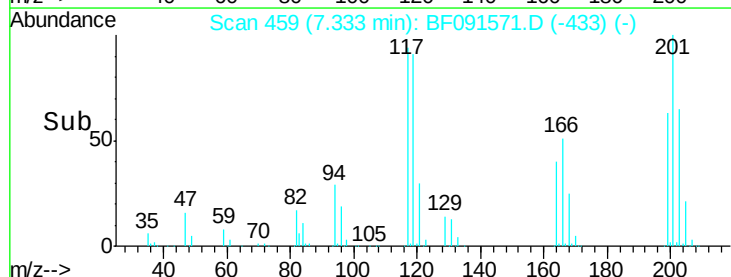


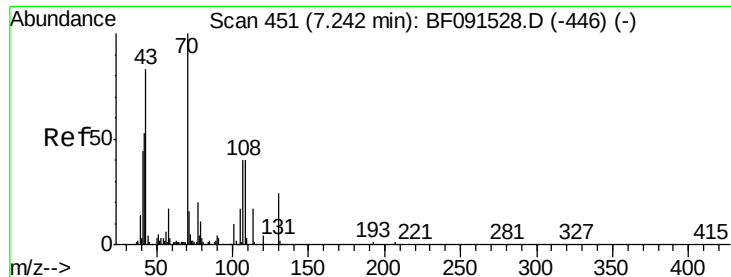
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

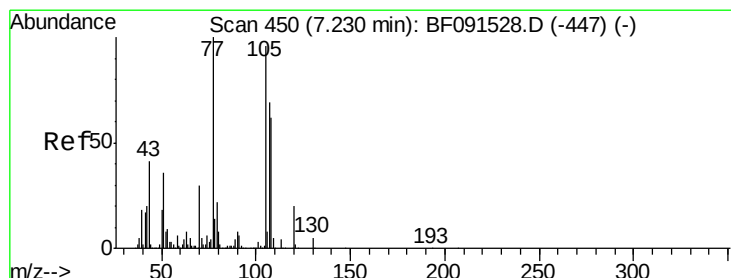
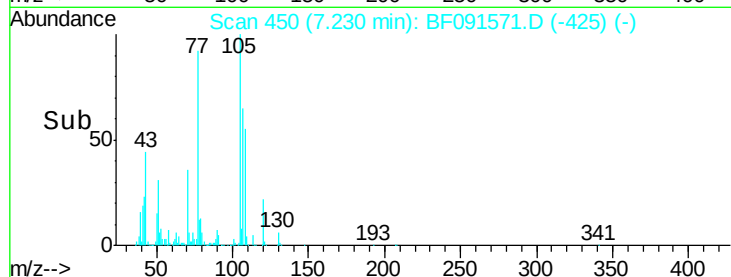
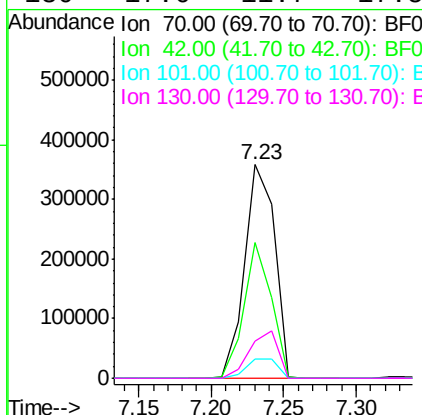
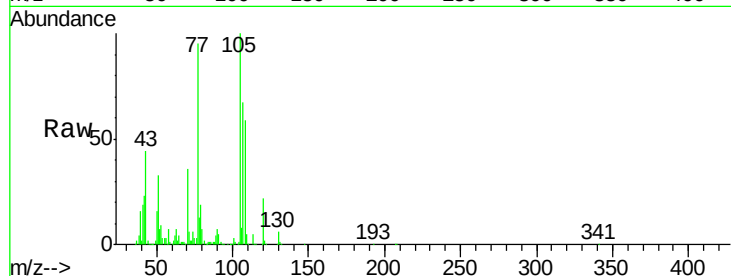




#19
n-Nitroso-di-n-propylamine
Concen: 37.58 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

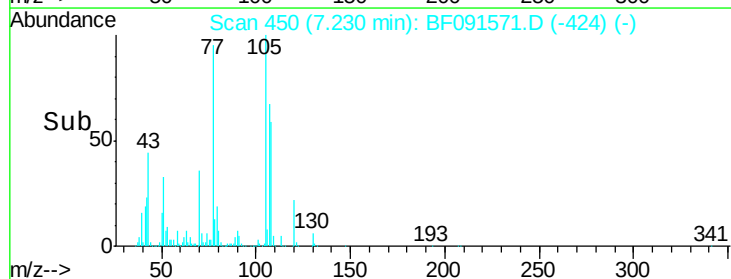
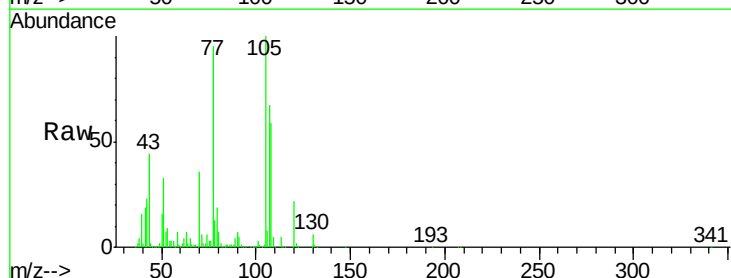
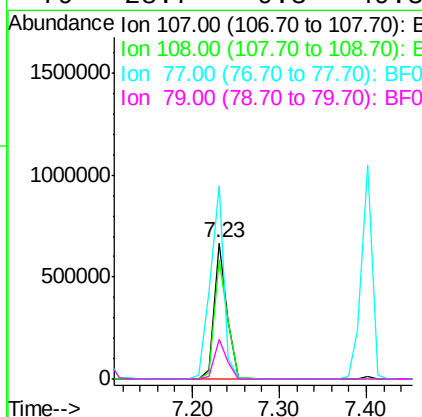
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

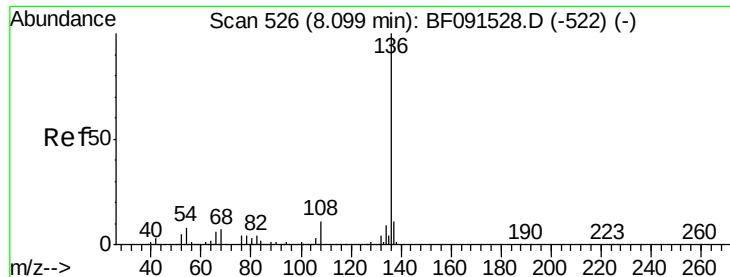
Tgt Ion: 70 Resp: 516061
Ion Ratio Lower Upper
70 100
42 63.8 64.8 97.2#
101 8.8 6.2 9.4
130 17.6 11.7 17.5#



#20
3+4-Methylphenols
Concen: 38.39 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion: 107 Resp: 690317
Ion Ratio Lower Upper
107 100
108 87.2 64.6 104.6
77 141.6 30.9 70.9#
79 28.7 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 1147699

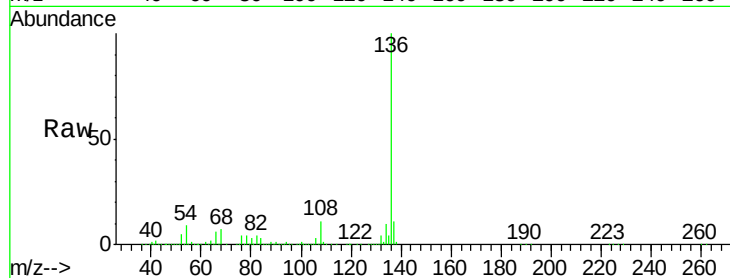
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 8.7 9.1 13.7#

68 6.8 5.9 8.9

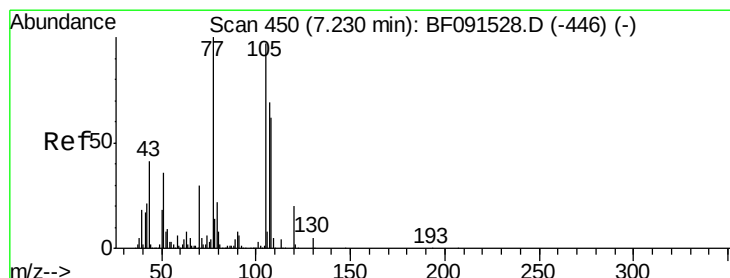
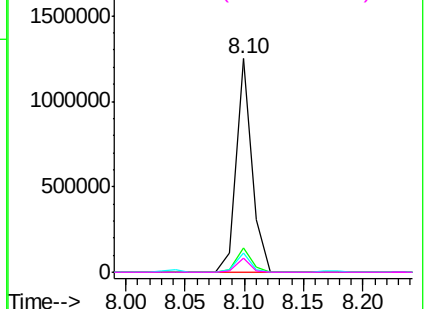
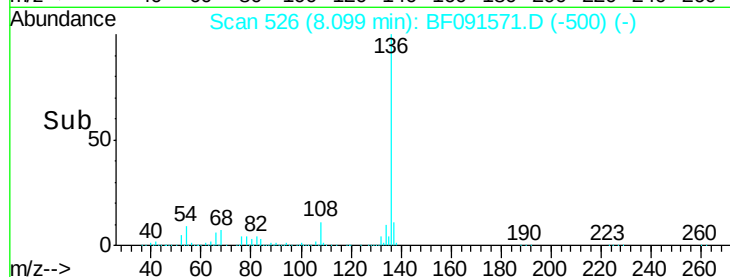


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.07 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Tgt Ion:105 Resp: 1074329

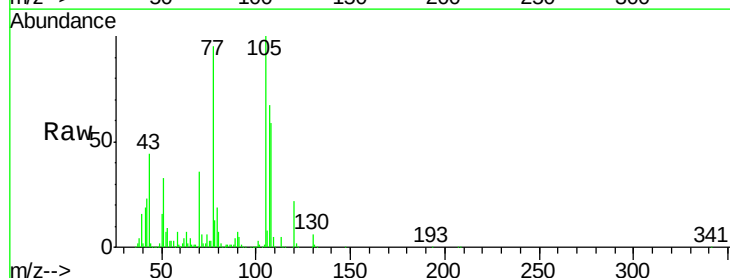
Ion Ratio Lower Upper

105 100

71 5.9 7.9 11.9#

51 33.1 24.5 36.7

120 21.6 16.6 24.8

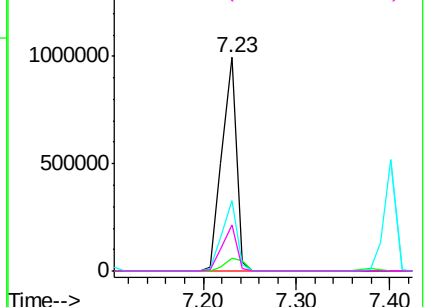
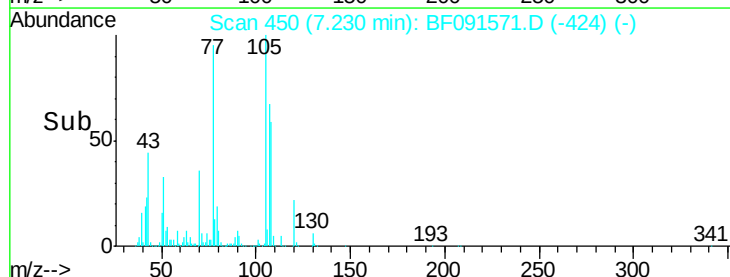


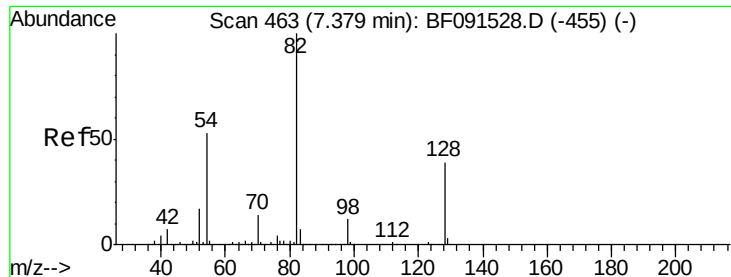
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

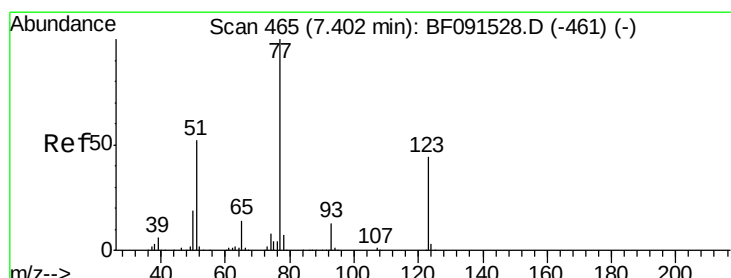
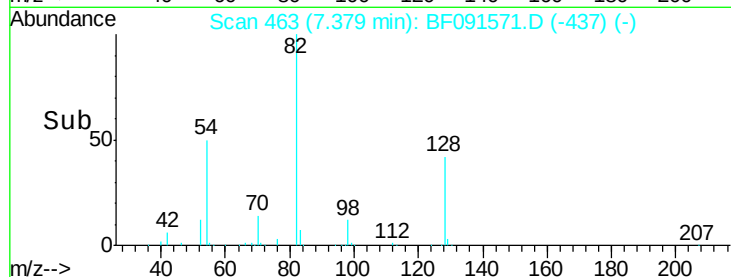
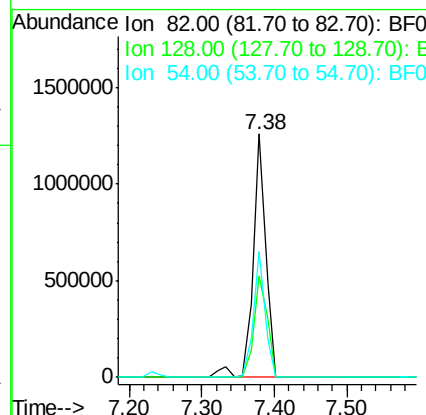
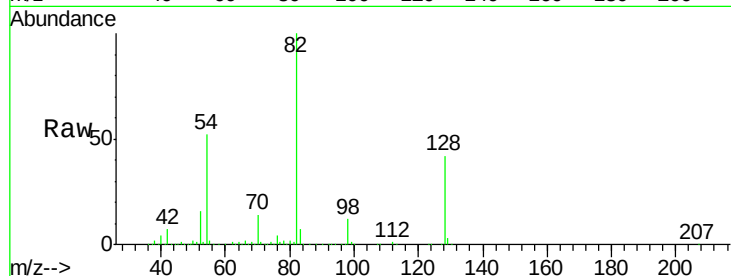




#23
Nitrobenzene-d5
Concen: 74.37 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

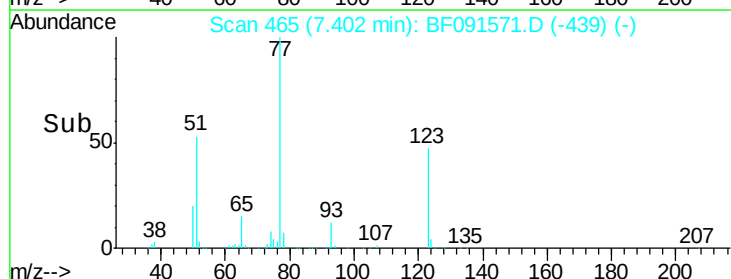
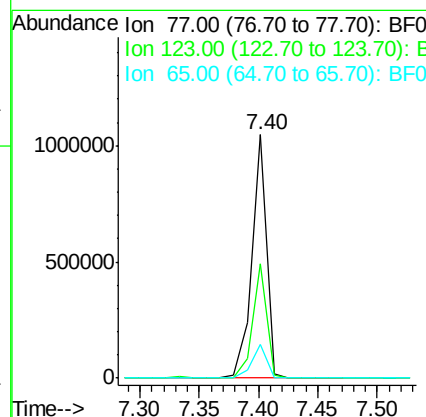
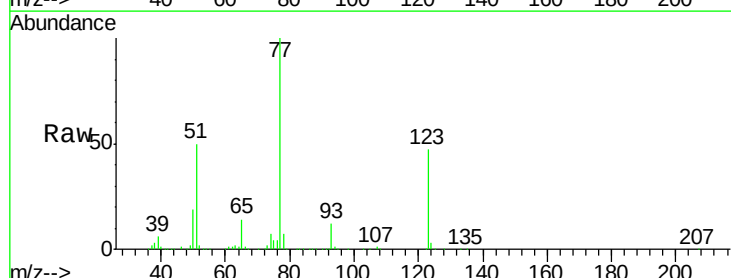
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

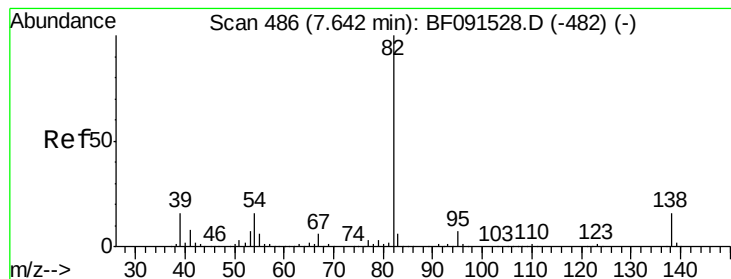
Tgt Ion: 82 Resp: 1529274
Ion Ratio Lower Upper
82 100
128 41.6 31.8 47.6
54 51.8 49.1 73.7



#24
Nitrobenzene
Concen: 41.57 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion: 77 Resp: 903157
Ion Ratio Lower Upper
77 100
123 47.1 28.5 42.7#
65 13.7 12.5 18.7





#25

Isophorone

Concen: 38.74 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

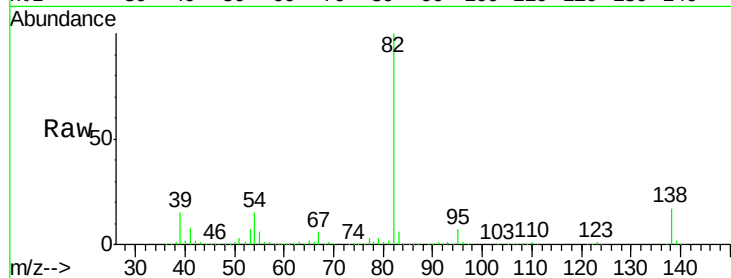
Tgt Ion: 82 Resp: 1416028

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

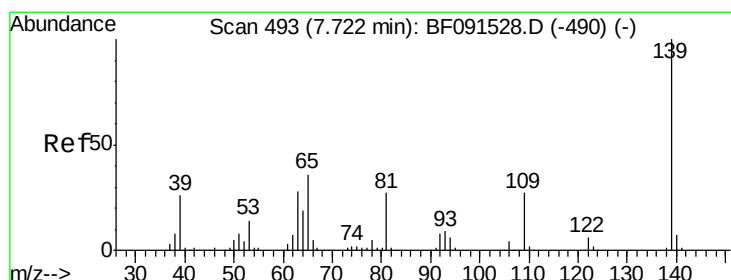
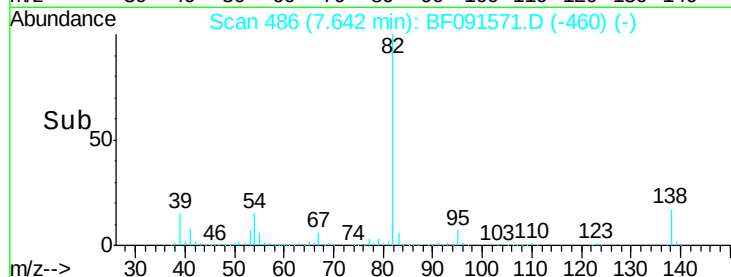
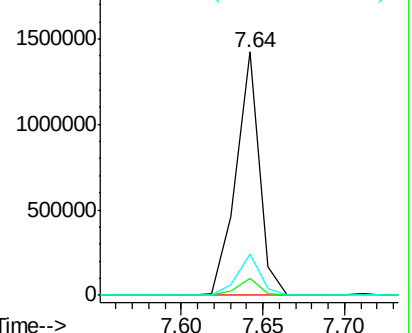
138 16.9 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.44 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

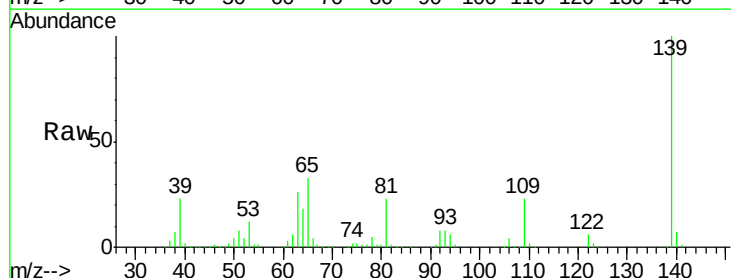
Tgt Ion: 139 Resp: 387792

Ion Ratio Lower Upper

139 100

109 23.1 25.3 37.9#

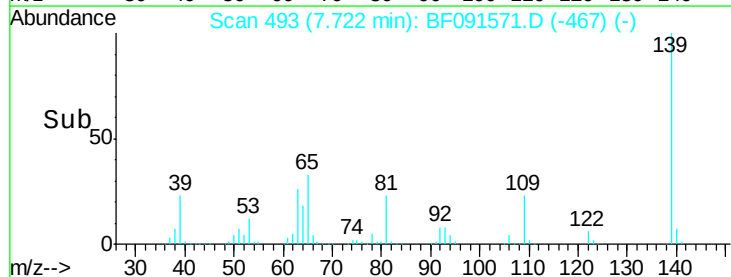
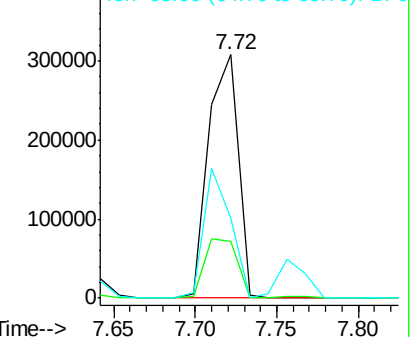
65 32.7 55.4 83.2#

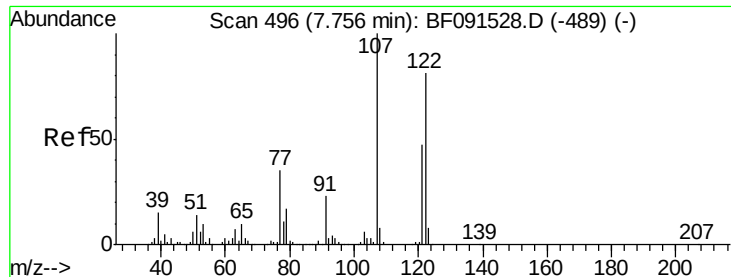


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.46 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

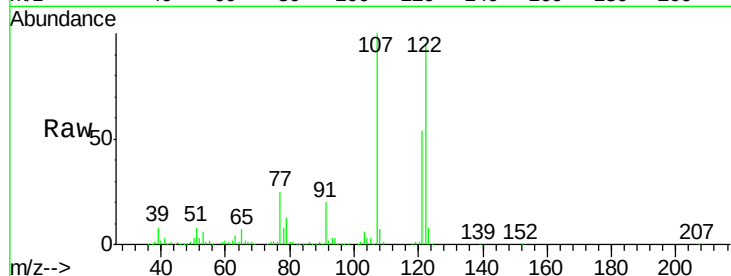
Tgt Ion:122 Resp: 647714

Ion Ratio Lower Upper

122 100

107 105.6 96.8 145.2

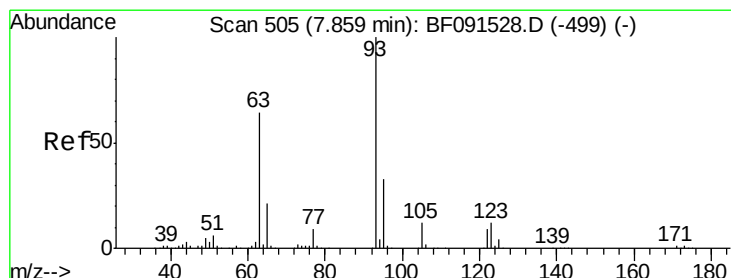
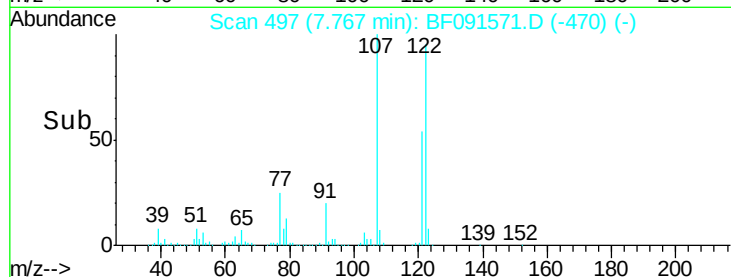
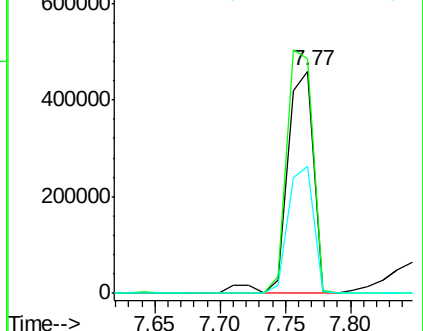
121 57.2 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.36 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

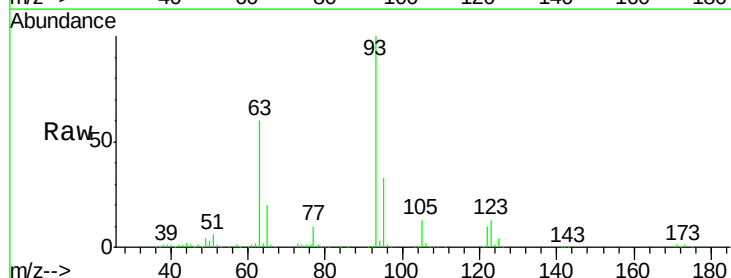
Tgt Ion: 93 Resp: 886851

Ion Ratio Lower Upper

93 100

95 33.4 26.0 39.0

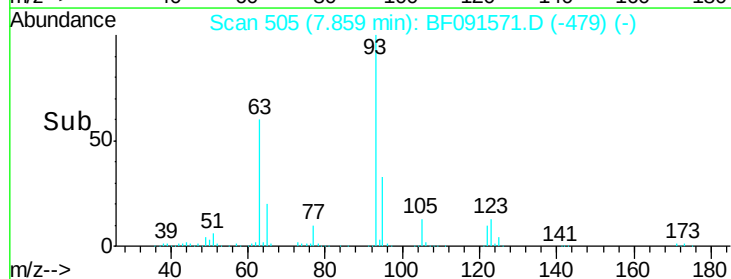
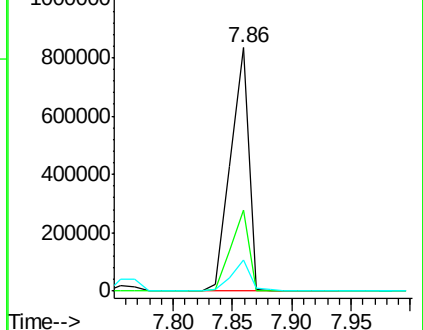
123 12.8 8.6 12.8

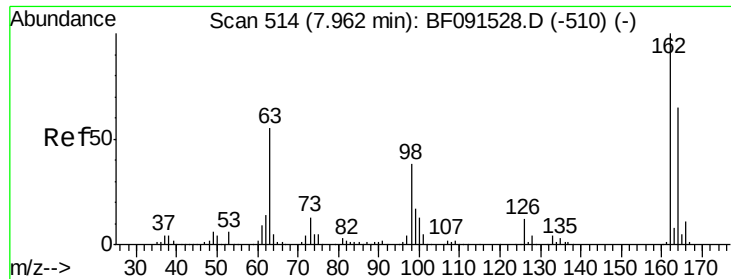


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

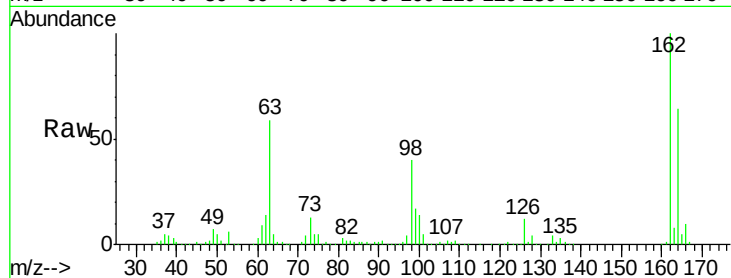




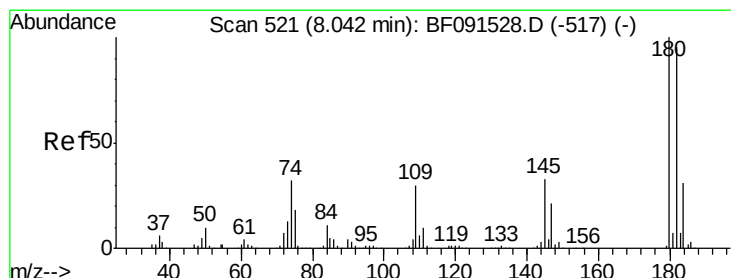
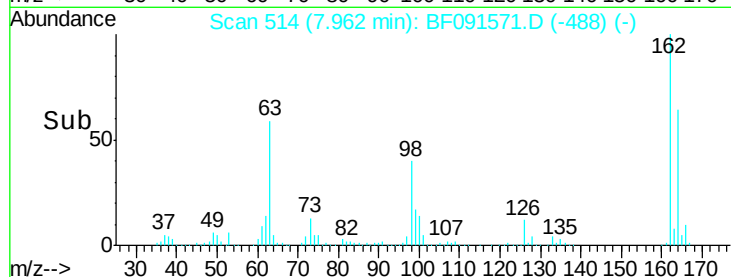
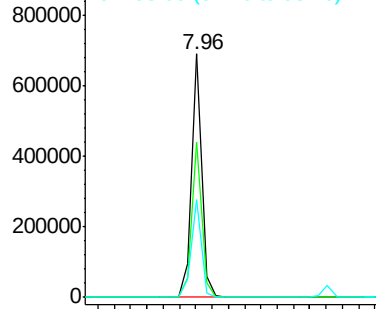
#29
2,4-Dichlorophenol
Concen: 40.06 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 587035
Ion Ratio Lower Upper
162 100
164 64.0 45.0 85.0
98 40.1 21.3 61.3

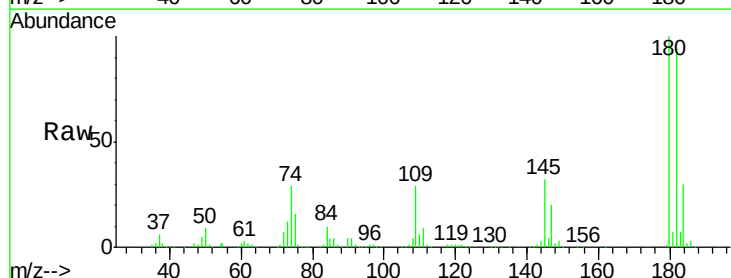


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

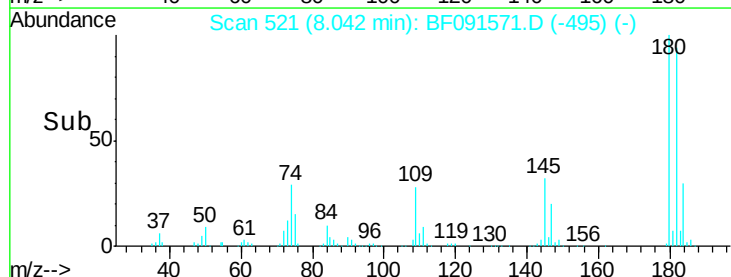
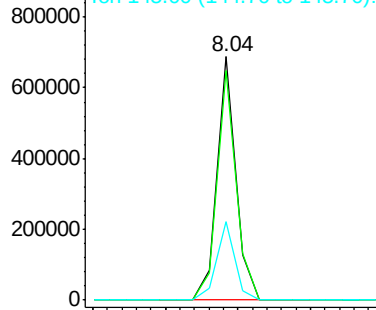


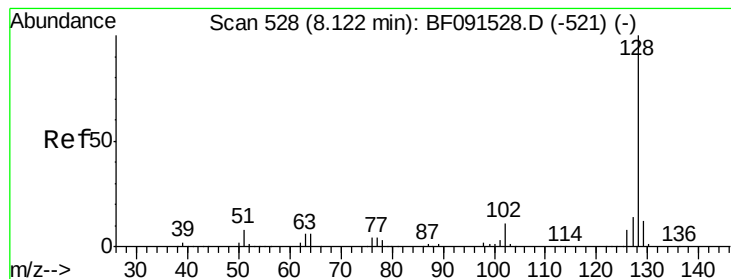
#30
1,2,4-Trichlorobenzene
Concen: 37.14 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion:180 Resp: 618477
Ion Ratio Lower Upper
180 100
182 94.1 75.8 113.8
145 32.3 27.0 40.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.76 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

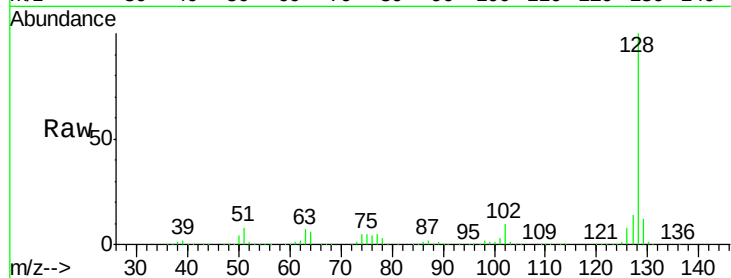
Tgt Ion:128 Resp: 1963002

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

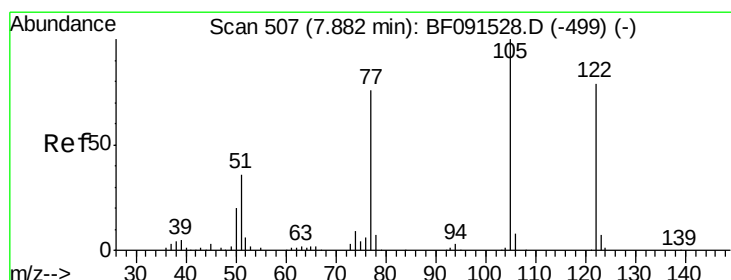
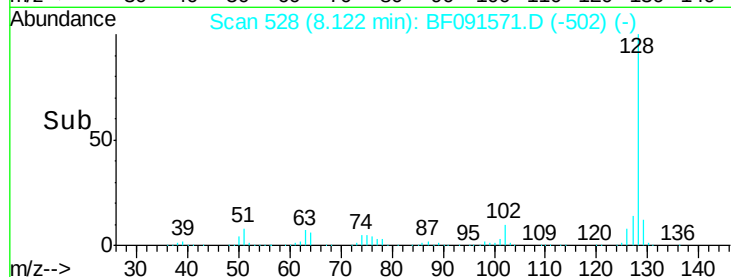
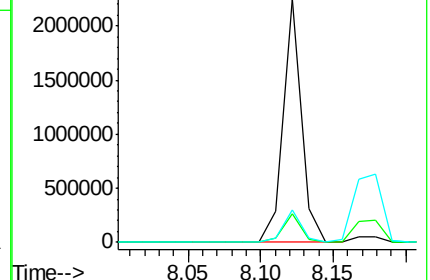
127 13.6 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.36 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

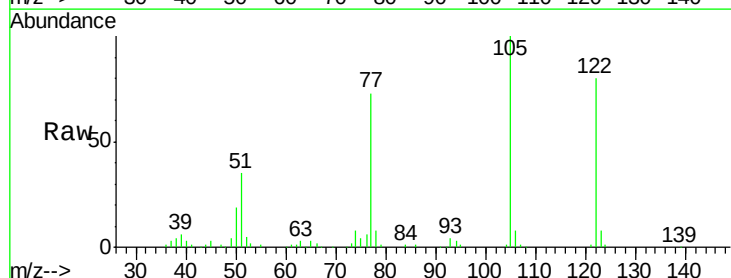
Tgt Ion:122 Resp: 356131

Ion Ratio Lower Upper

122 100

105 124.9 113.0 153.0

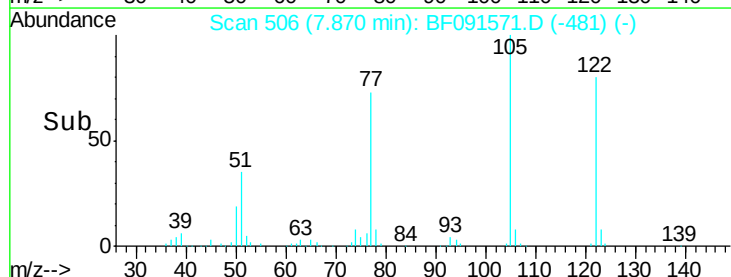
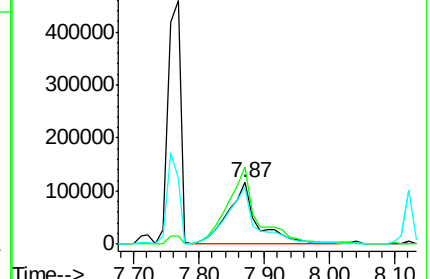
77 91.8 82.0 122.0

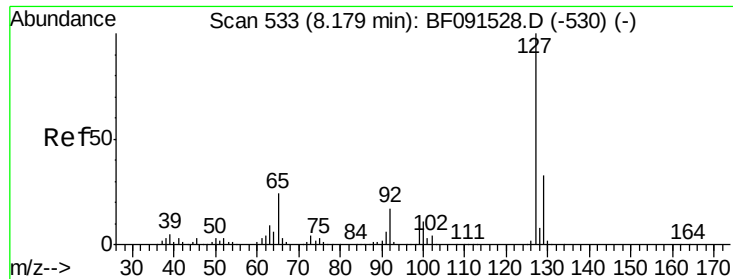


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

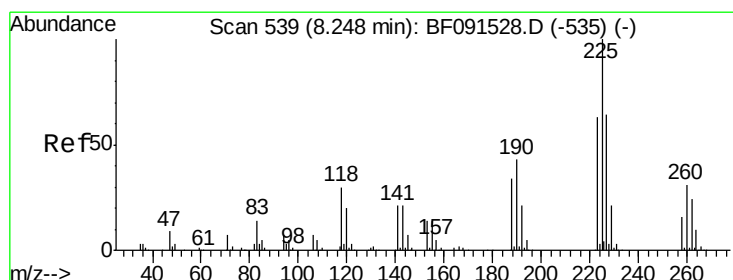
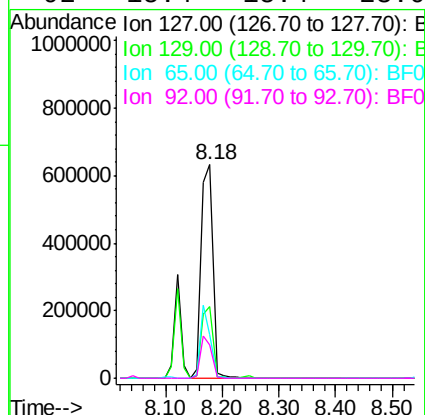
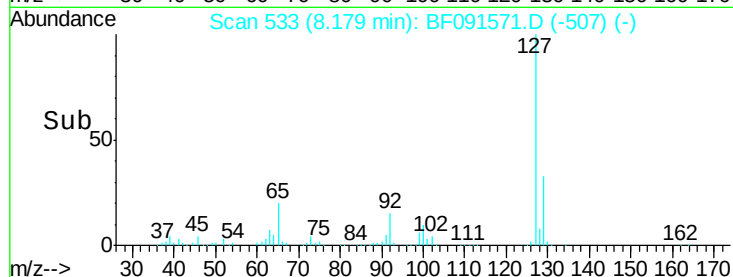
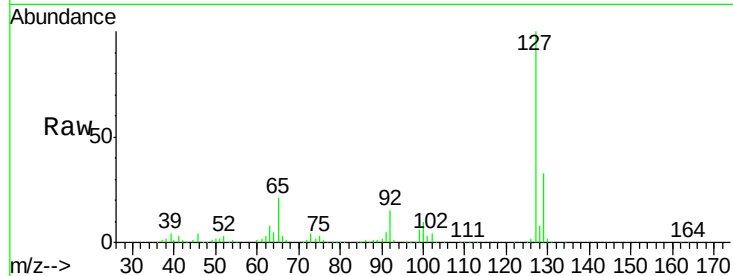




#33
4-Chloroaniline
Concen: 38.09 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

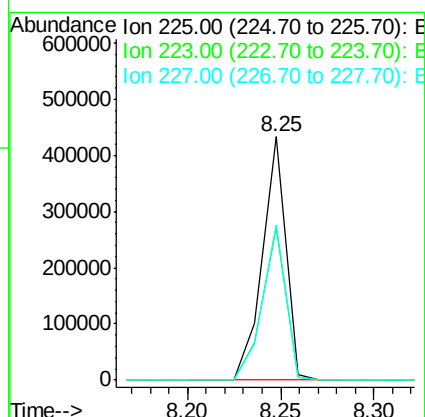
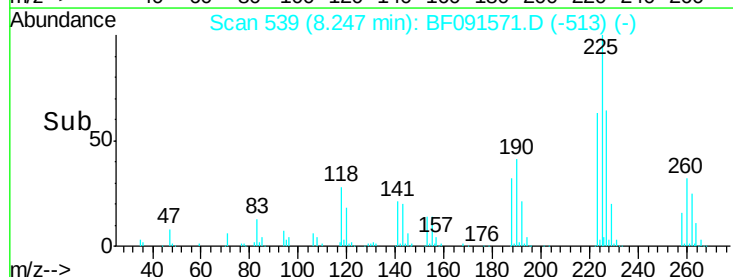
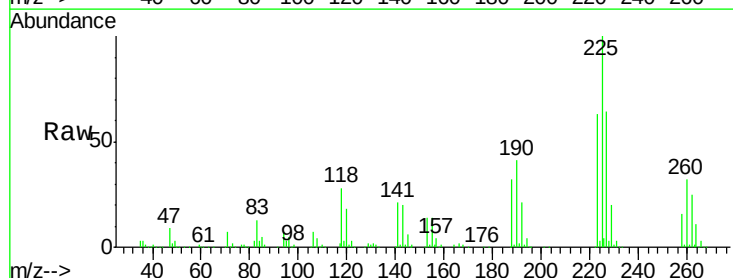
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

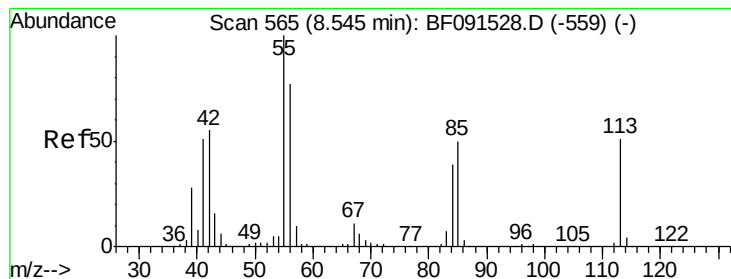
Tgt Ion:	127	Resp:	876220
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.2	39.4
65	20.6	26.6	39.8#
92	15.4	15.4	23.0



#34
Hexachlorobutadiene
Concen: 39.10 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion:	225	Resp:	373247
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.8	74.6
227	63.6	52.6	79.0





#35

Caprolactam

Concen: 41.84 ng

RT: 8.54 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

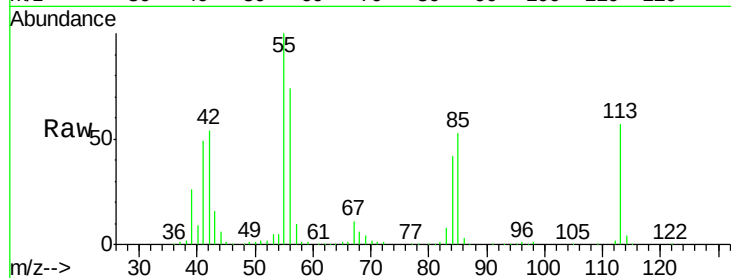
Tgt Ion:113 Resp: 179058

Ion Ratio Lower Upper

113 100

55 175.7 239.8 279.8#

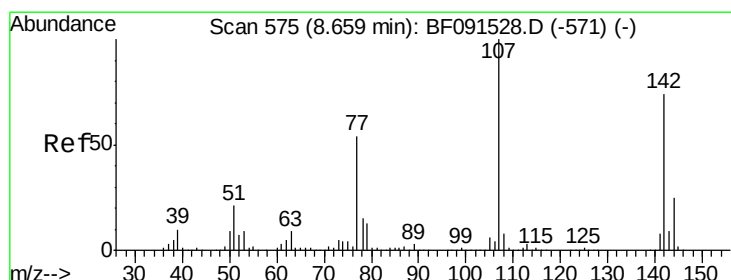
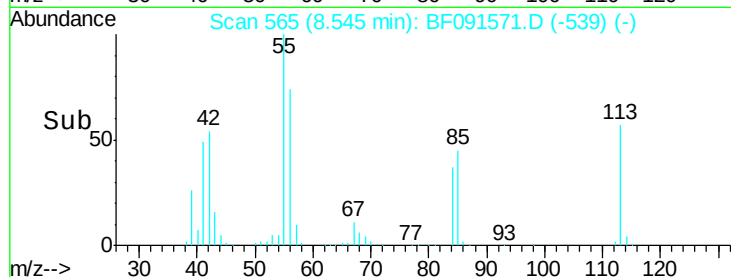
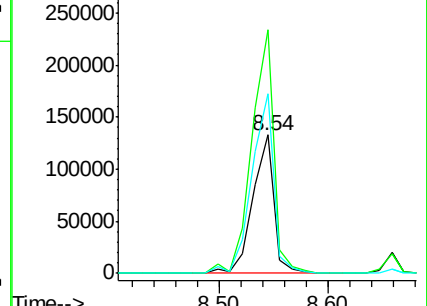
56 129.6 165.6 205.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.82 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

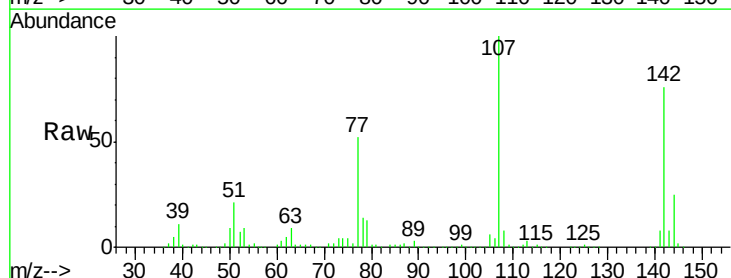
Tgt Ion:107 Resp: 621580

Ion Ratio Lower Upper

107 100

144 24.7 18.9 28.3

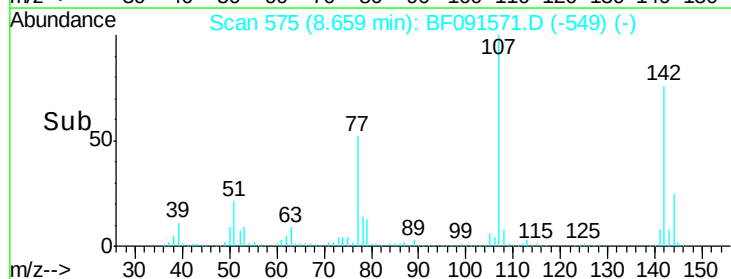
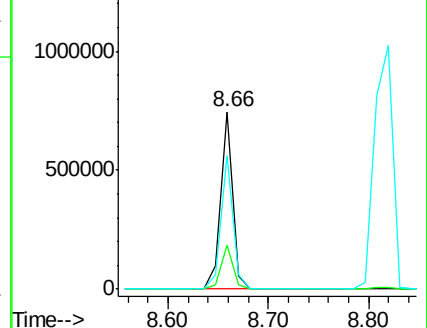
142 75.6 58.5 87.7

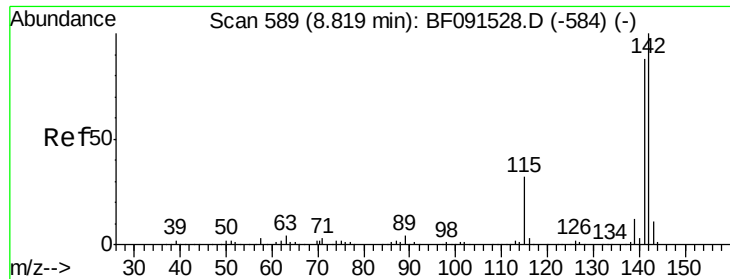


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

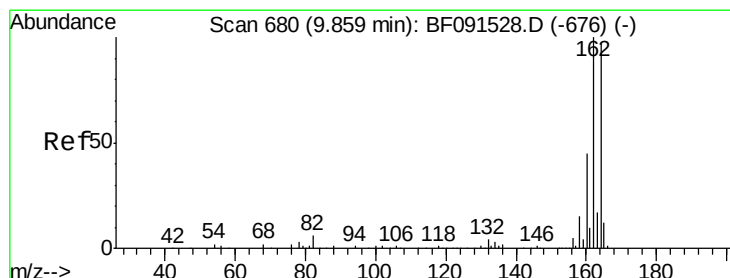
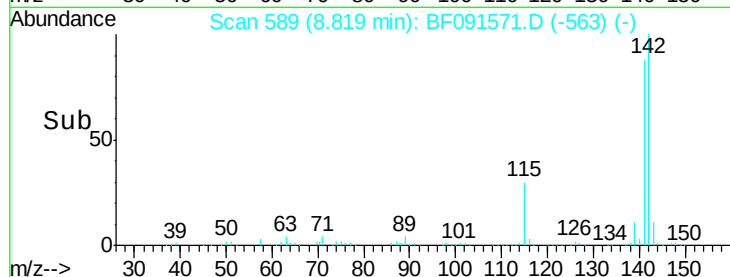
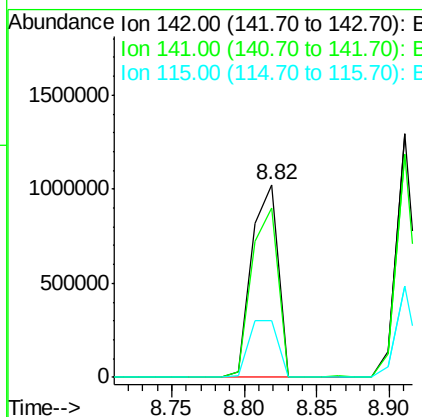
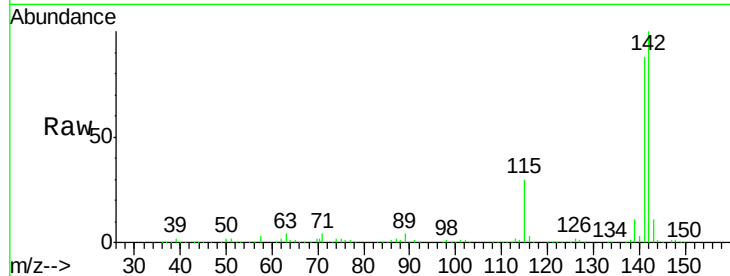




#37
2-Methylnaphthalene
Concen: 37.26 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

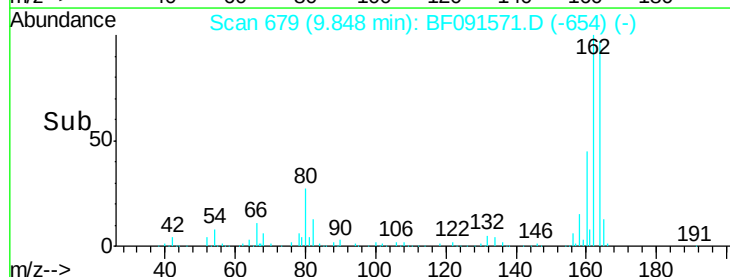
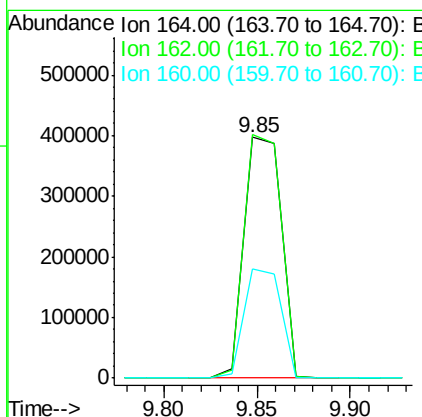
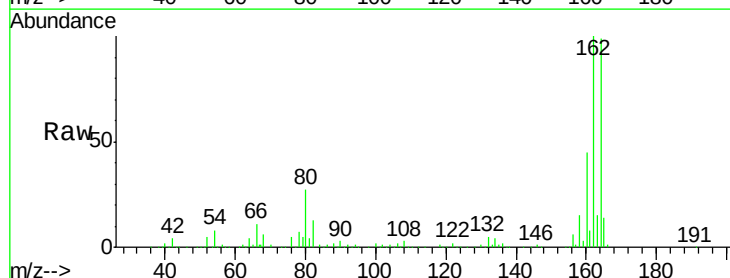
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

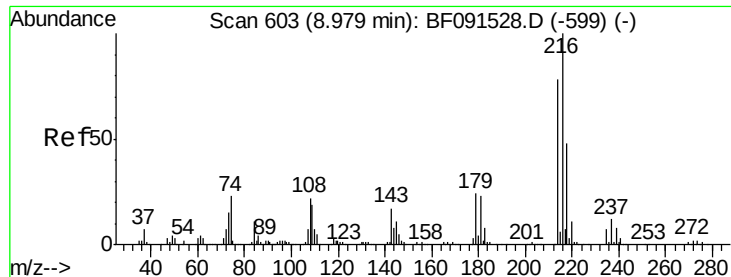
Tgt Ion:142 Resp: 1287931
Ion Ratio Lower Upper
142 100
141 87.9 71.7 107.5
115 29.7 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion:164 Resp: 548500
Ion Ratio Lower Upper
164 100
162 101.2 82.6 124.0
160 45.5 36.7 55.1

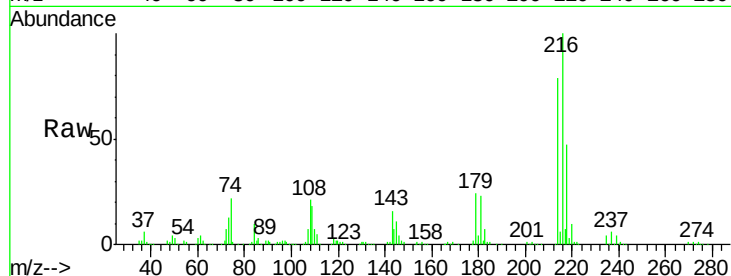




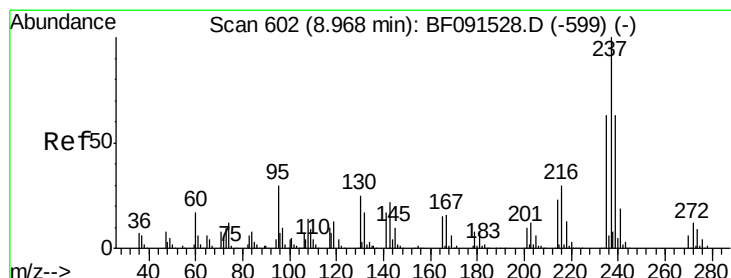
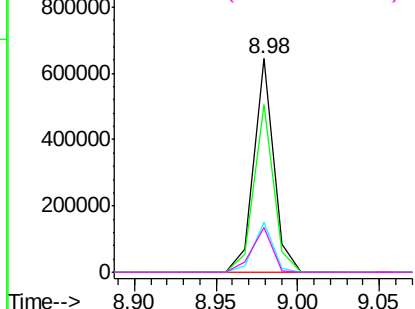
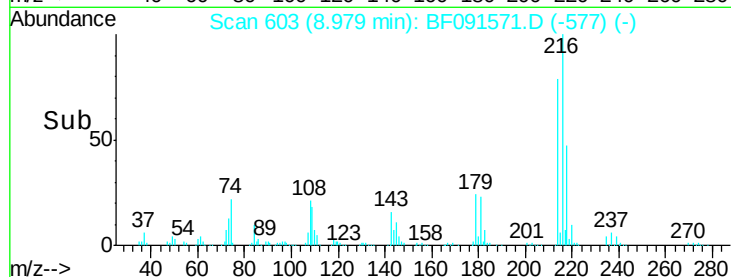
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.54 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	549753
Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.8	95.8
179	23.0	18.2	27.2
108	21.6	17.2	25.8

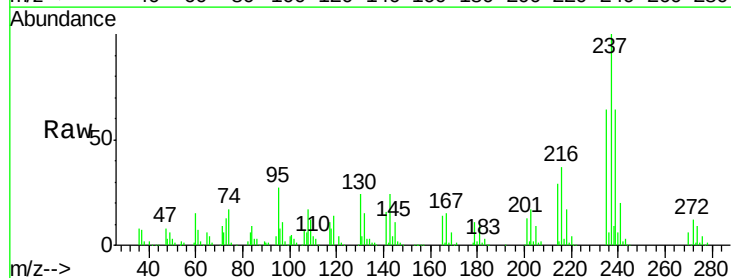


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

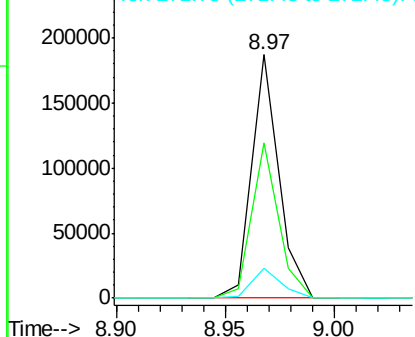
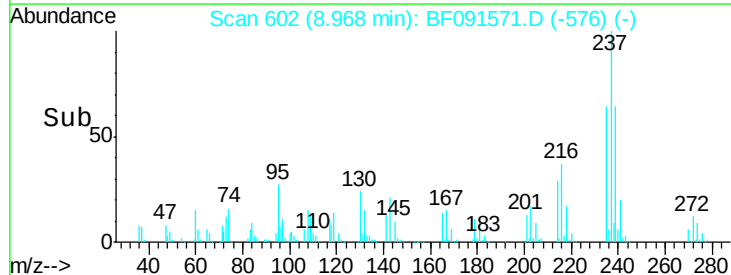


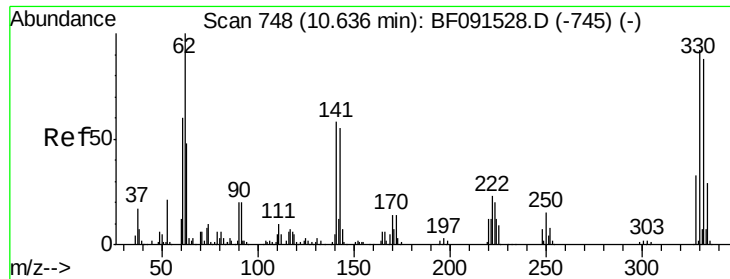
#40
 Hexachlorocyclopentadiene
 Concen: 24.16 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion:	237	Resp:	162042
Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.9	83.9
272	12.0	0.0	33.1



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

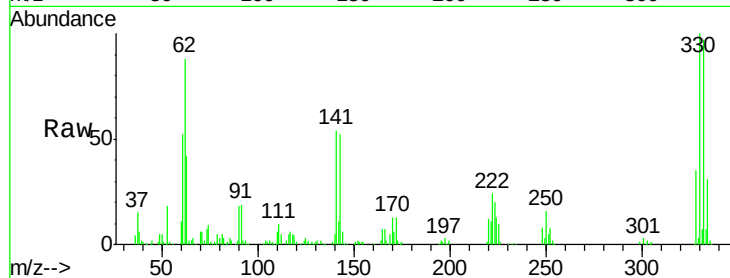




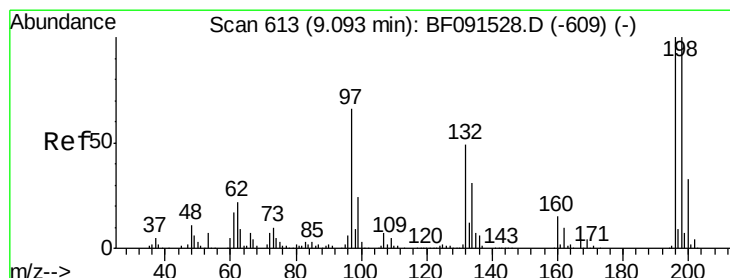
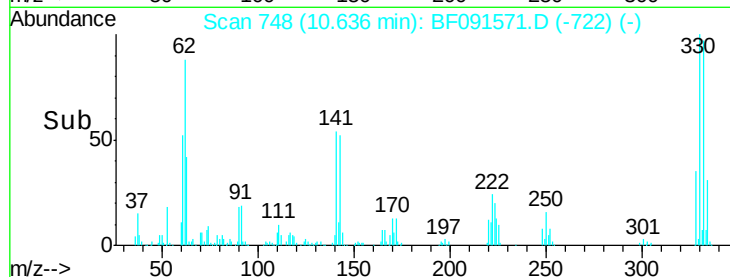
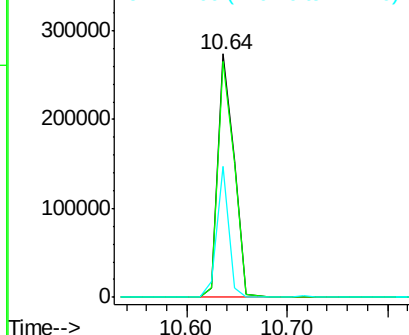
#41
 2,4,6-Tribromophenol
 Concen: 67.22 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 306252
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.2 114.4
 141 39.6 33.6 50.4

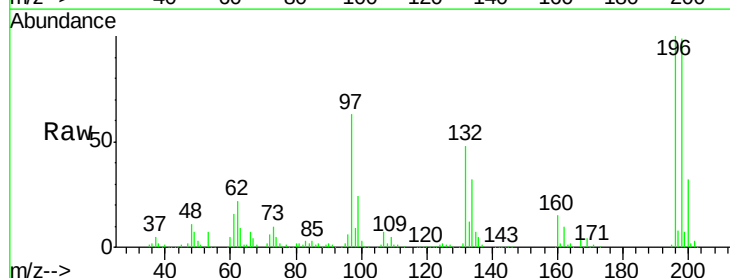


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

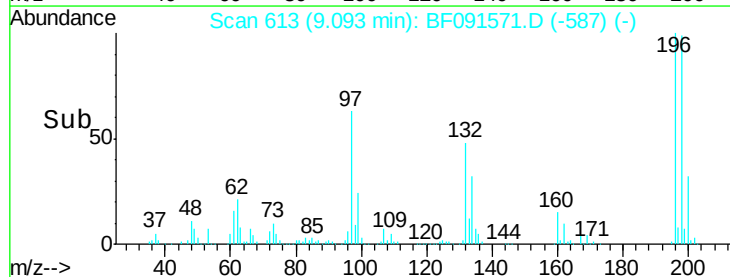
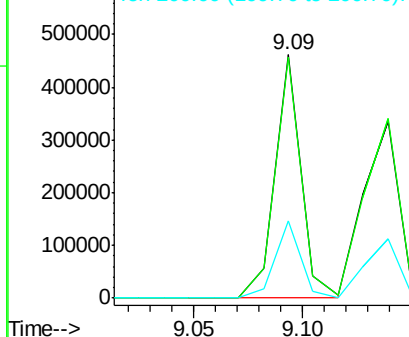


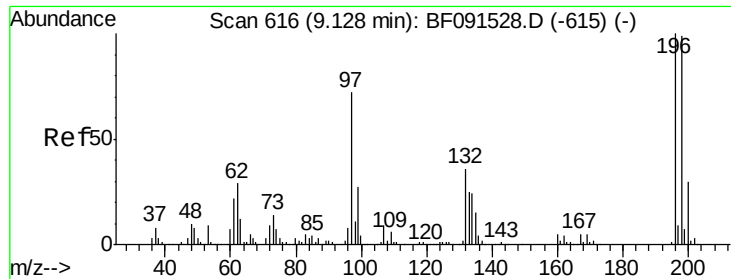
#42
 2,4,6-Trichlorophenol
 Concen: 40.21 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion:196 Resp: 388724
 Ion Ratio Lower Upper
 196 100
 198 99.2 77.4 116.0
 200 31.7 25.2 37.8



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

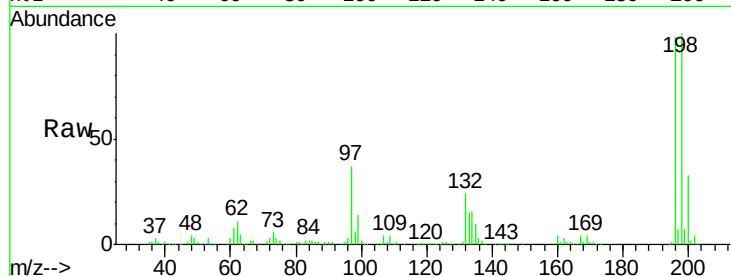




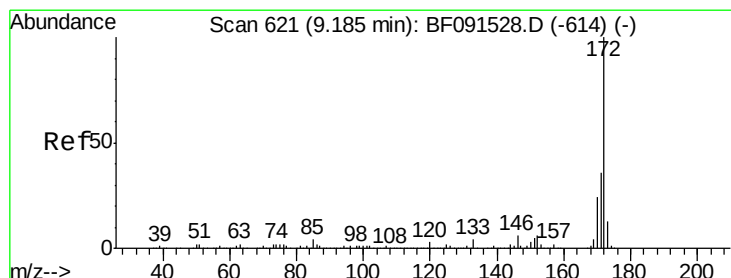
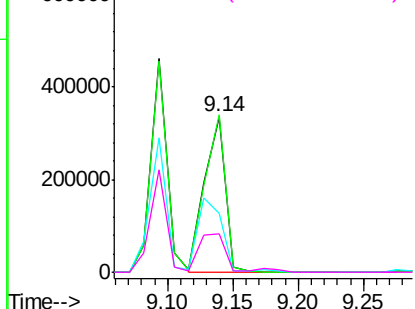
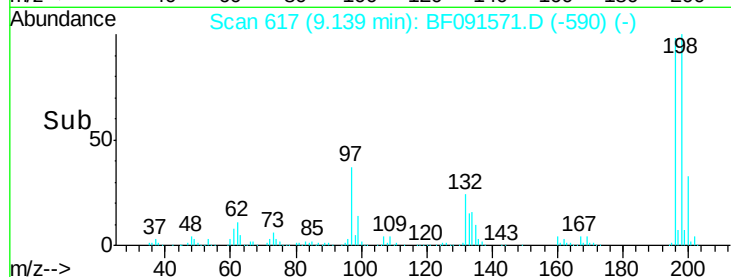
#43
 2,4,5-Trichlorophenol
 Concen: 37.79 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
196	375394		
196	100		
198	101.7	77.0	115.6
97	38.0	33.5	50.3
132	24.4	20.5	30.7

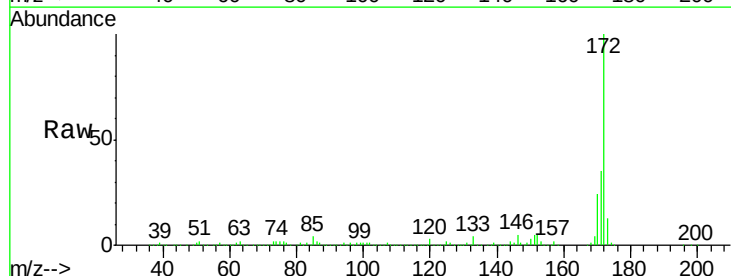


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

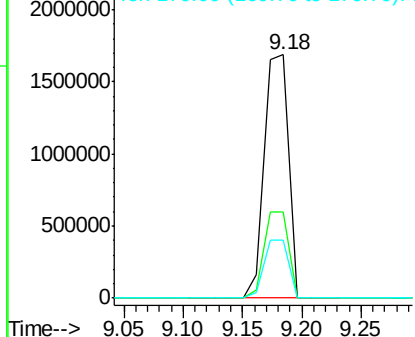
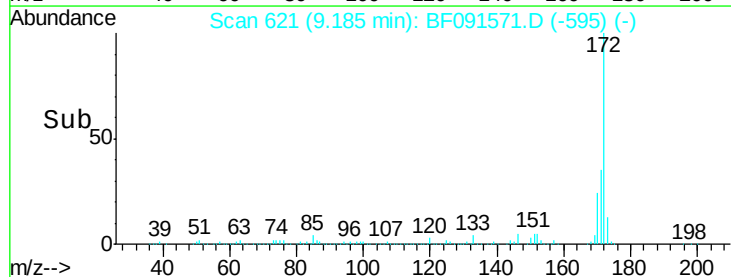


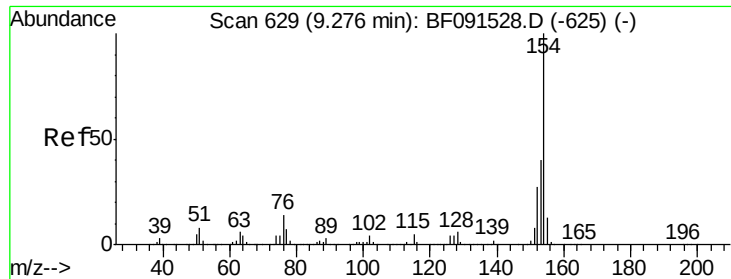
#44
 2-Fluorobiphenyl
 Concen: 75.87 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion	Resp	Lower	Upper
172	2408486		
172	100		
171	35.4	29.4	44.0
170	23.9	19.7	29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

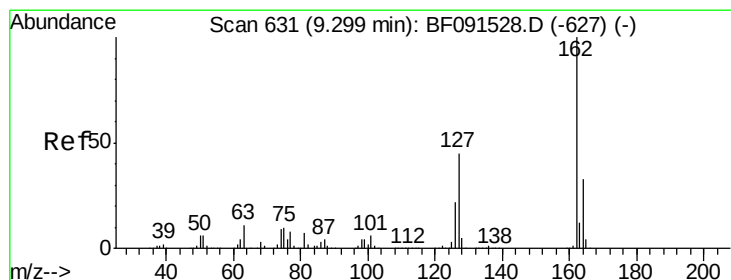
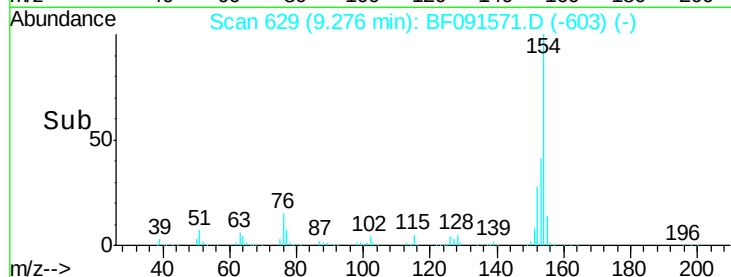
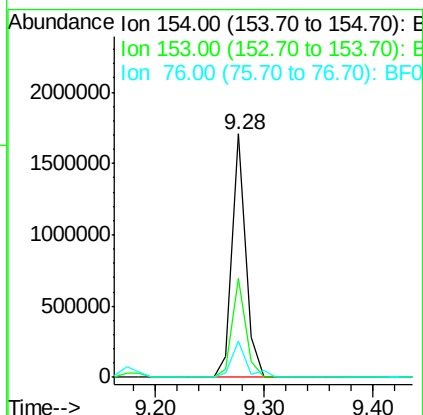
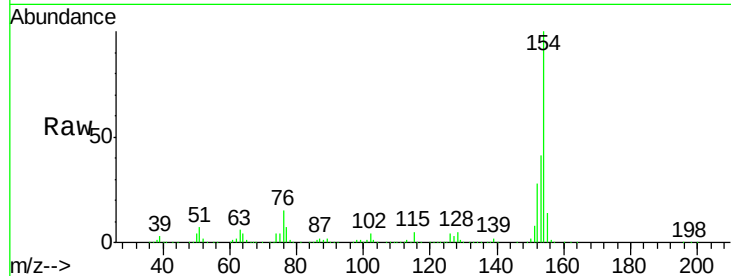




#45
 1,1'-Biphenyl
 Concen: 37.04 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

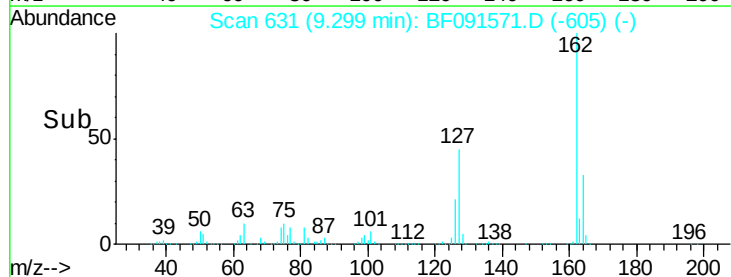
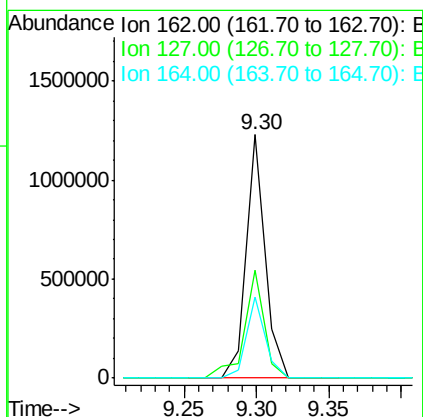
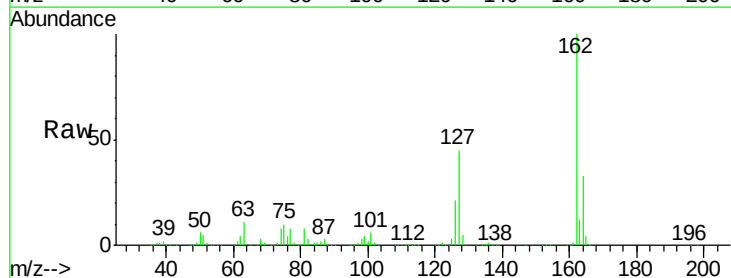
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

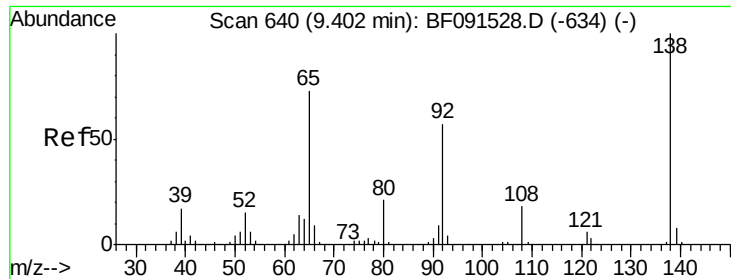
Tgt Ion:154 Resp: 1471408
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.6 60.6
 76 14.9 0.0 36.6



#46
 2-Chloronaphthalene
 Concen: 36.21 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion:162 Resp: 1114068
 Ion Ratio Lower Upper
 162 100
 127 44.6 34.3 51.5
 164 33.2 26.6 40.0





#47

2-Nitroaniline

Concen: 38.73 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

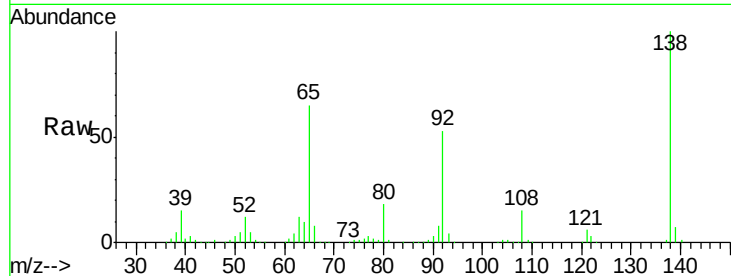
Tgt Ion: 65 Resp: 400727

Ion Ratio Lower Upper

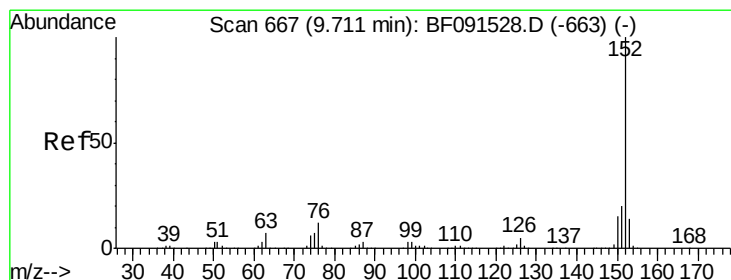
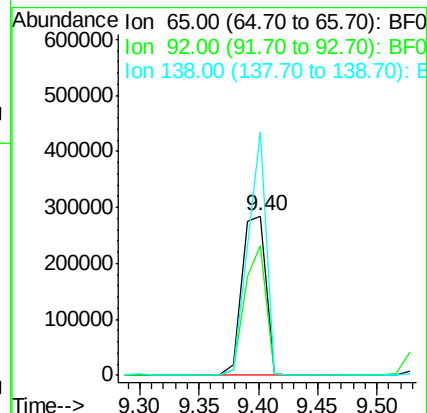
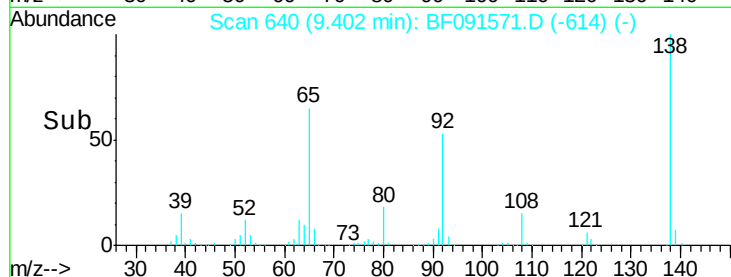
65 100

92 81.5 53.6 80.4#

138 152.7 91.0 136.6#



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



#48

Acenaphthylene

Concen: 37.64 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

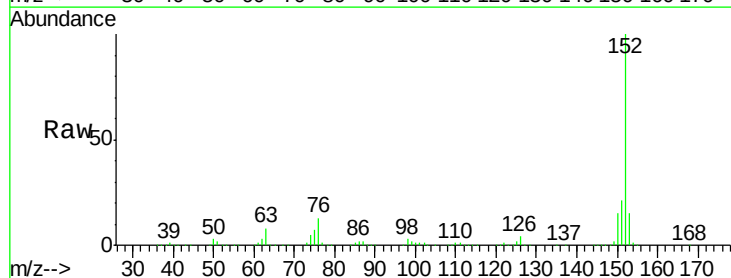
Tgt Ion: 152 Resp: 1765291

Ion Ratio Lower Upper

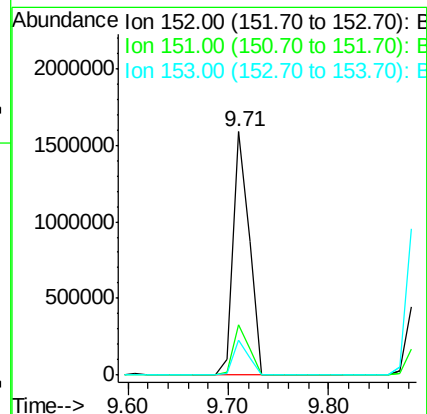
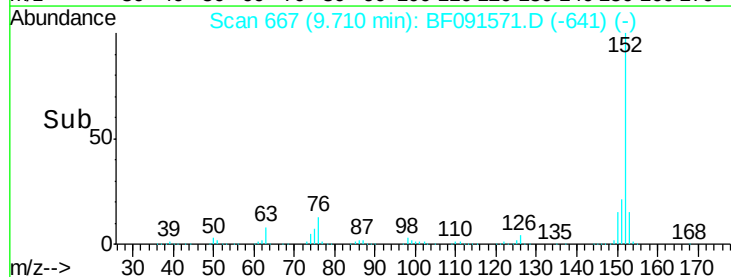
152 100

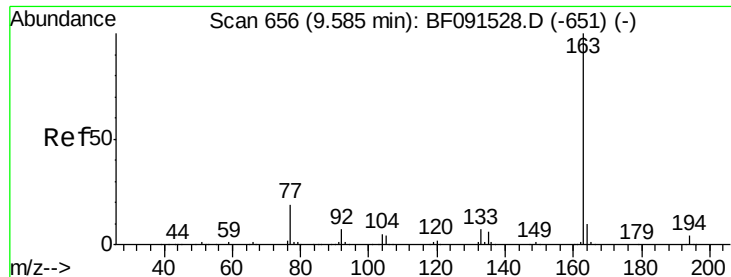
151 20.6 16.6 24.8

153 14.6 10.7 16.1



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

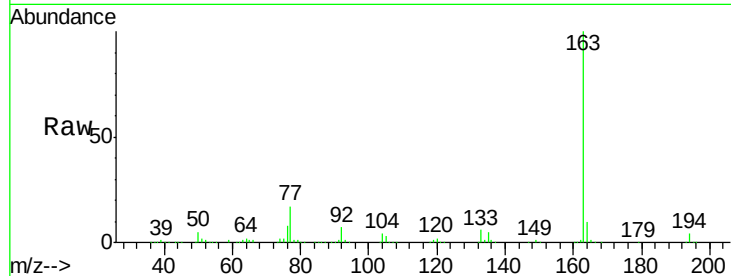




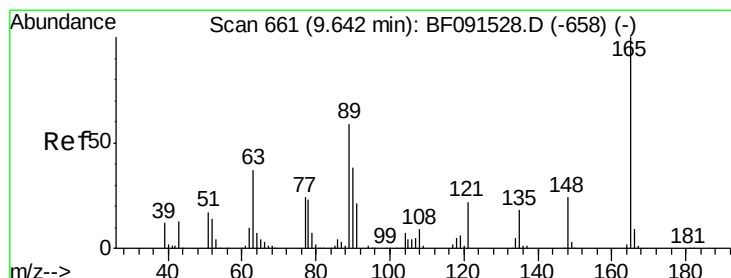
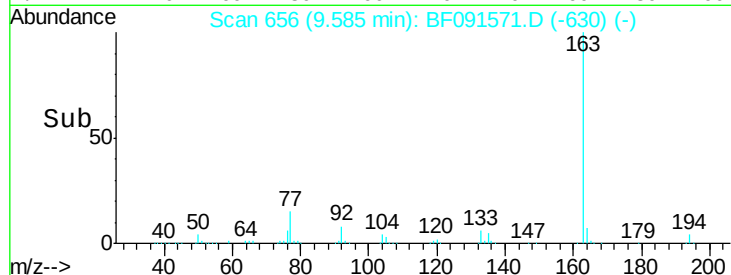
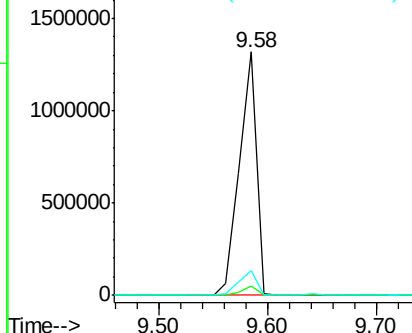
#49
Dimethylphthalate
Concen: 40.71 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1413842
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.2 7.8 11.8

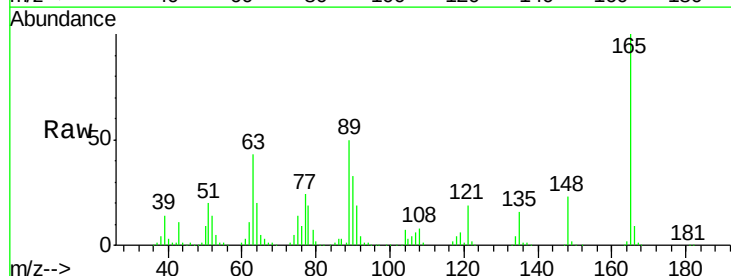


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

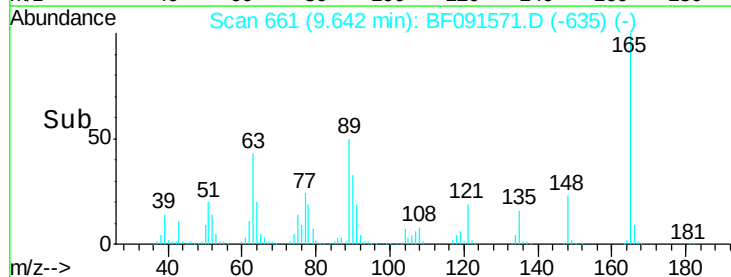
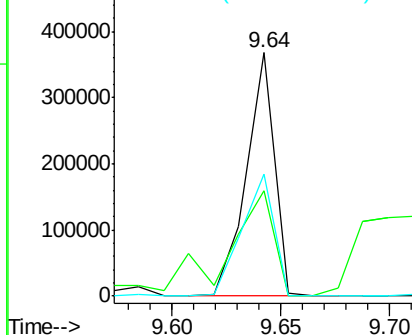


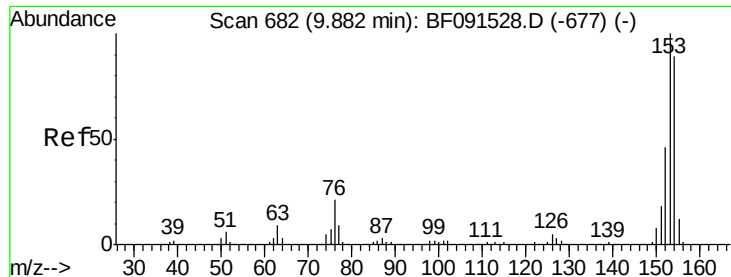
#50
2,6-Dinitrotoluene
Concen: 43.21 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion:165 Resp: 329376
Ion Ratio Lower Upper
165 100
63 43.2 59.4 89.0#
89 50.1 50.8 76.2#



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





#51

Acenaphthene

Concen: 35.30 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

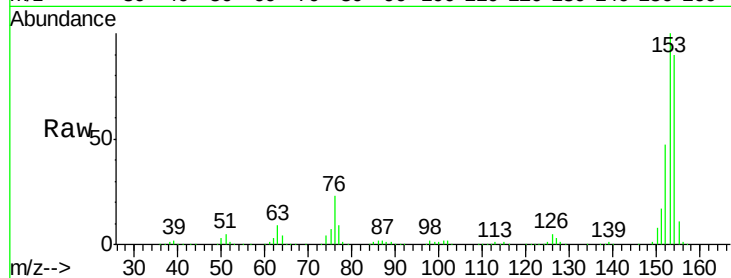
Tgt Ion:154 Resp: 1149893

Ion Ratio Lower Upper

154 100

153 111.1 91.0 136.6

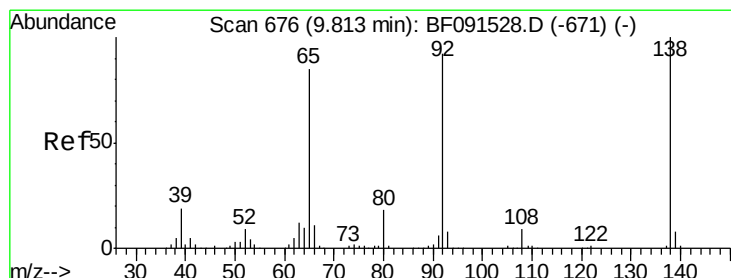
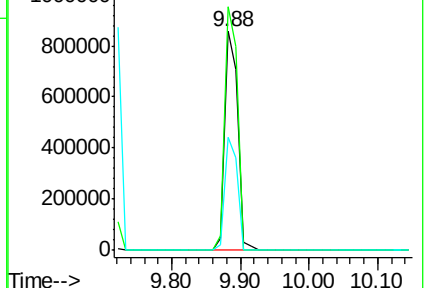
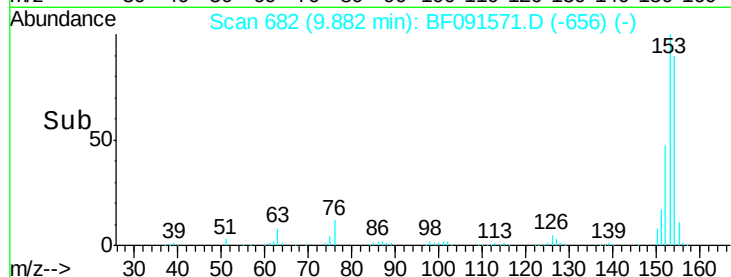
152 51.9 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

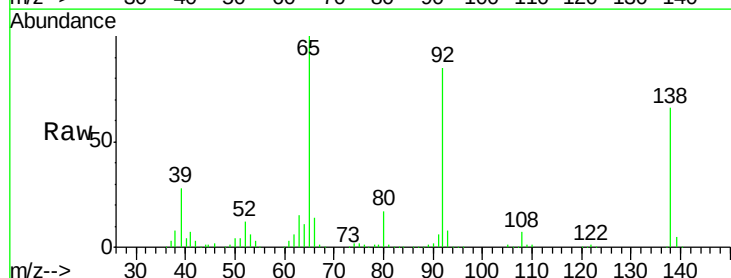
Tgt Ion:138 Resp: 367135

Ion Ratio Lower Upper

138 100

108 11.2 8.1 12.1

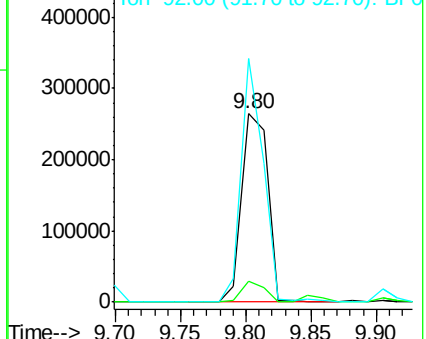
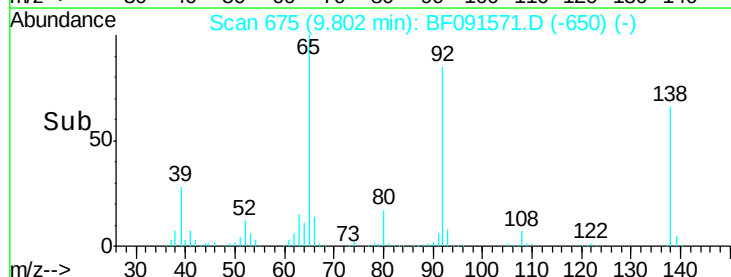
92 129.4 92.5 138.7

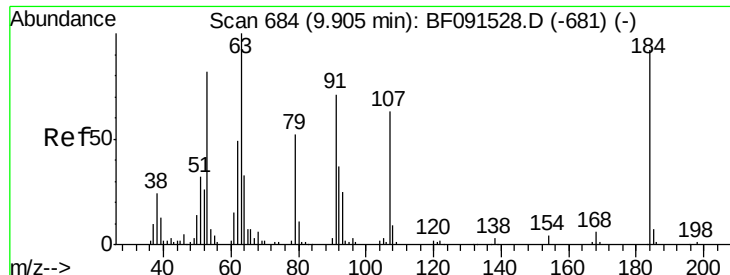


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

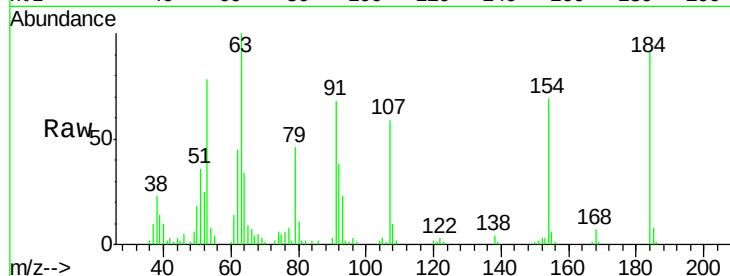




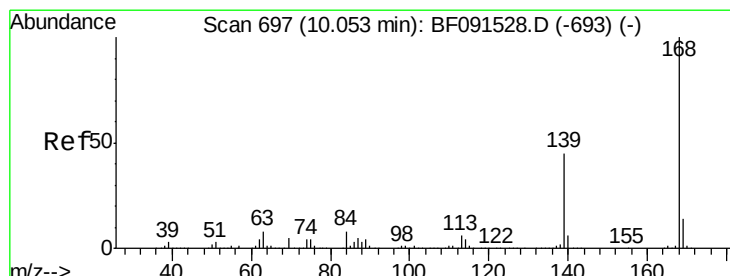
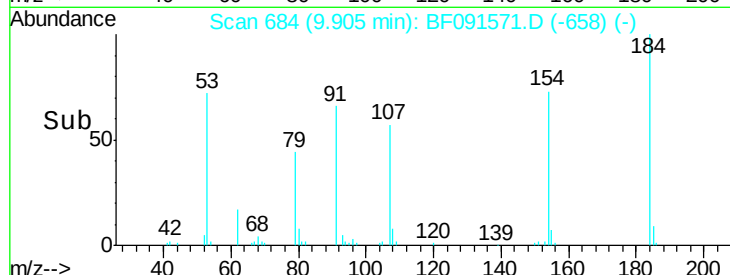
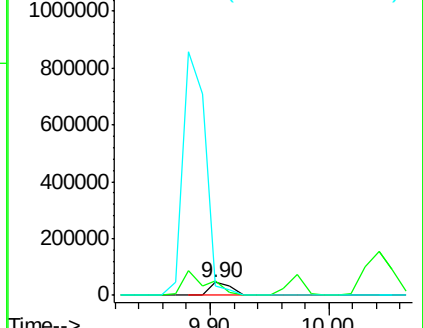
#53
2,4-Dinitrophenol
Concen: 20.84 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 59186
Ion Ratio Lower Upper
184 100
63 109.2 58.3 87.5#
154 74.9 48.6 73.0#

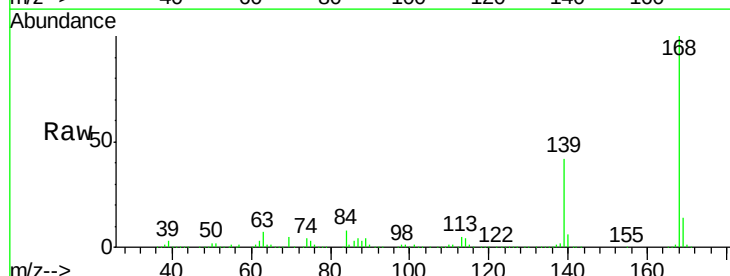


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

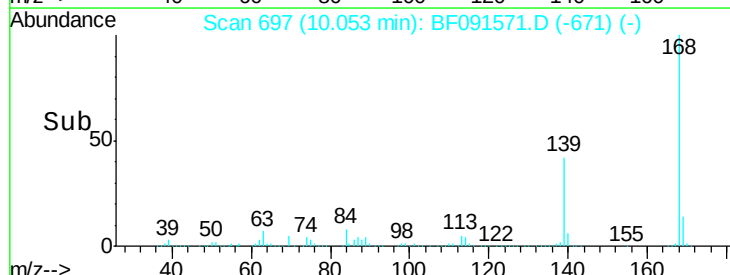
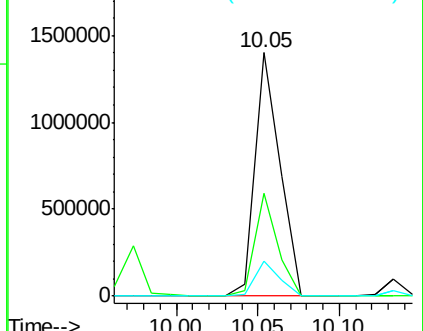


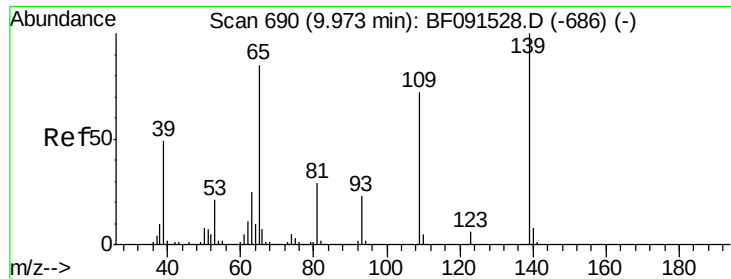
#54
Dibenzofuran
Concen: 36.92 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion:168 Resp: 1487911
Ion Ratio Lower Upper
168 100
139 42.1 33.4 50.2
169 14.2 11.1 16.7



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

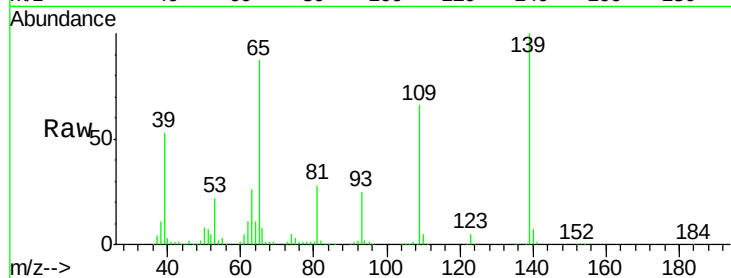




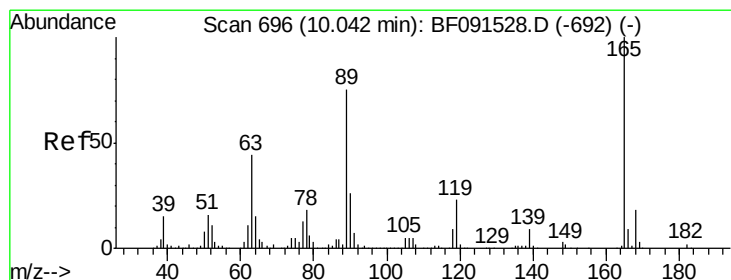
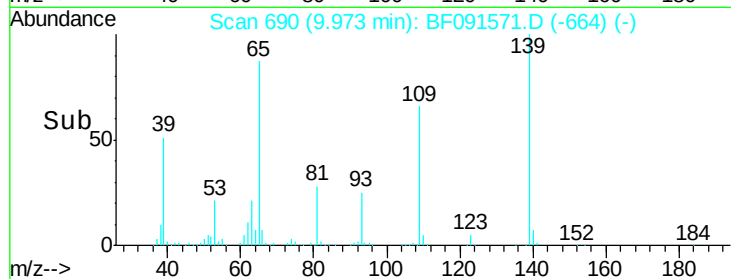
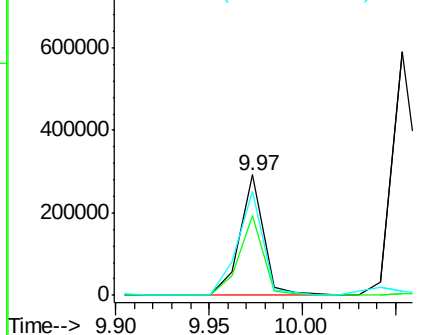
#55
4-Nitrophenol
Concen: 39.09 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 260449
Ion Ratio Lower Upper
139 100
109 66.3 54.9 94.9
65 86.9 102.2 142.2#



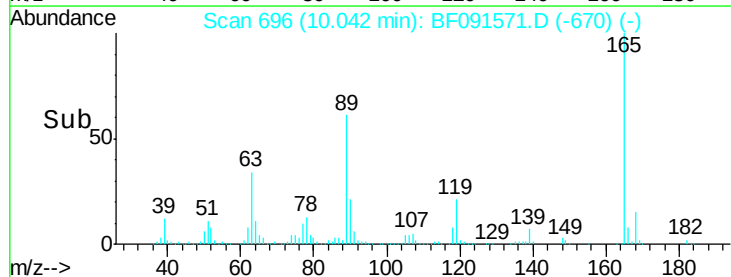
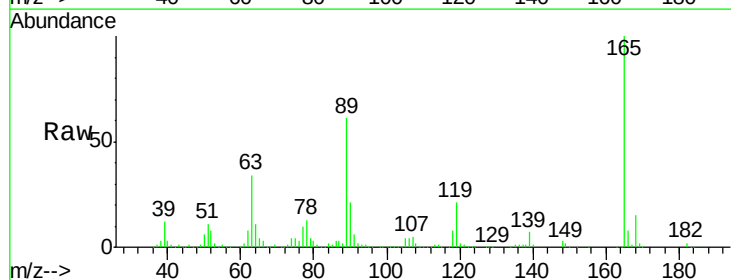
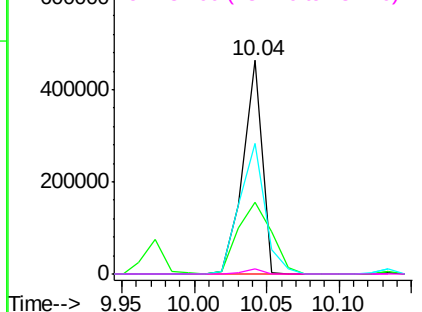
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

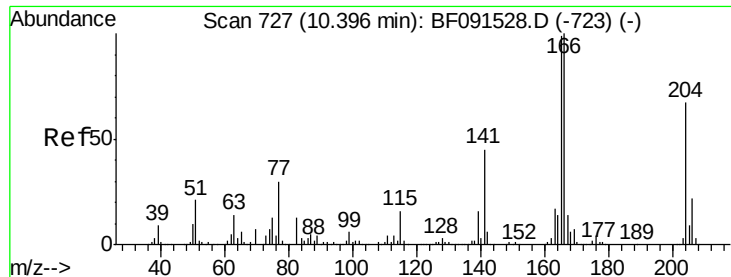


#56
2,4-Dinitrotoluene
Concen: 44.68 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion:165 Resp: 426951
Ion Ratio Lower Upper
165 100
63 33.6 29.0 43.4
89 61.2 43.1 64.7
182 2.2 1.9 2.9

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

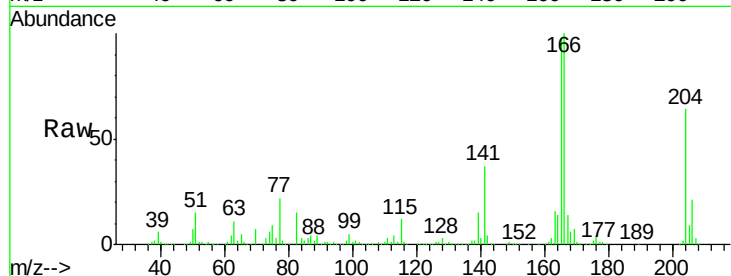




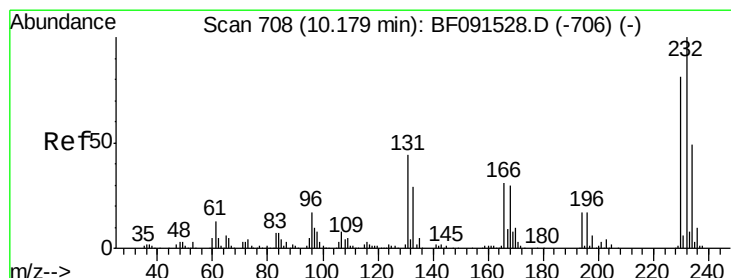
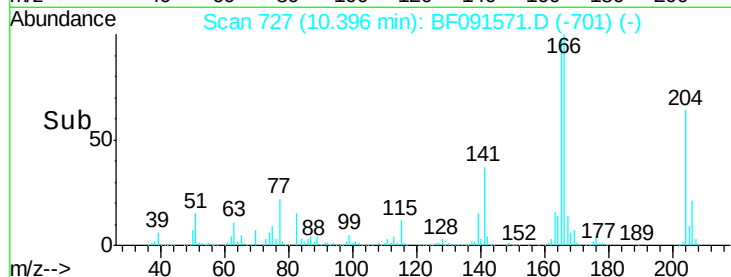
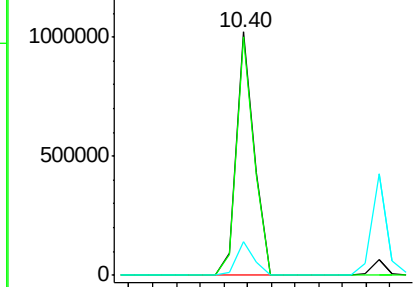
#57
 Fluorene
 Concen: 35.94 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:166 Resp: 1063869
 Ion Ratio Lower Upper
 166 100
 165 97.9 80.0 120.0
 167 14.0 10.8 16.2

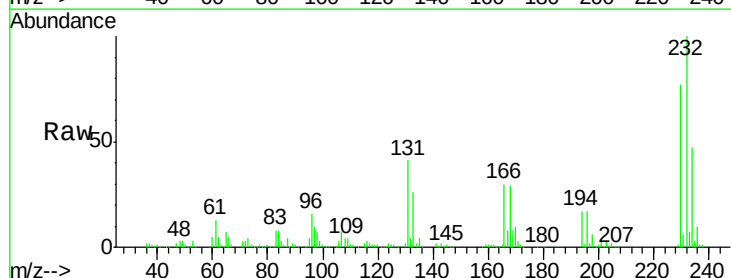


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

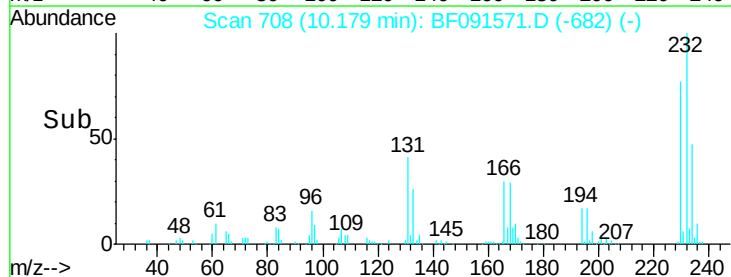
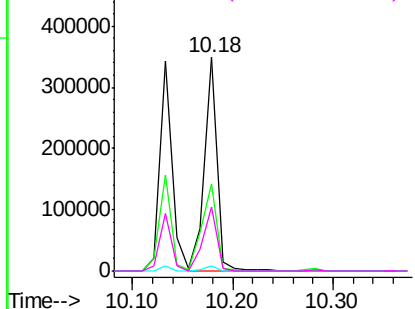


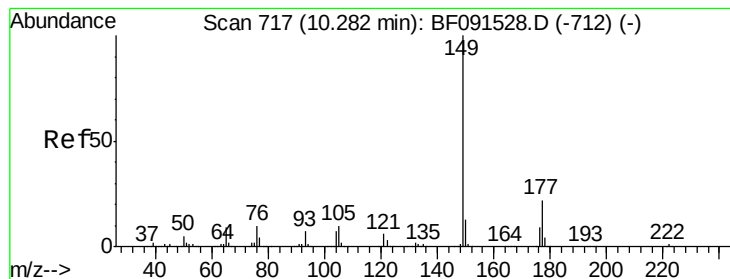
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.00 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion:232 Resp: 303331
 Ion Ratio Lower Upper
 232 100
 131 48.3 38.4 57.6
 130 2.4 1.8 2.8
 166 32.8 23.9 35.9



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.65 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

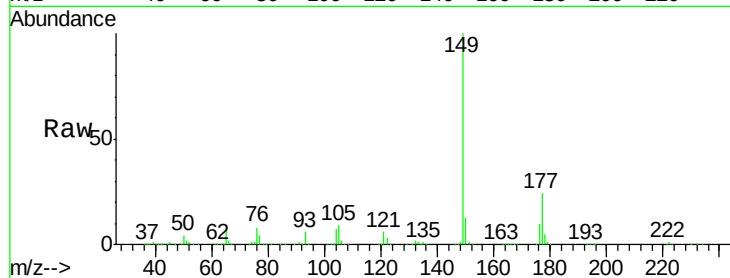
Tgt Ion:149 Resp: 1359405

Ion Ratio Lower Upper

149 100

177 24.0 15.7 23.5#

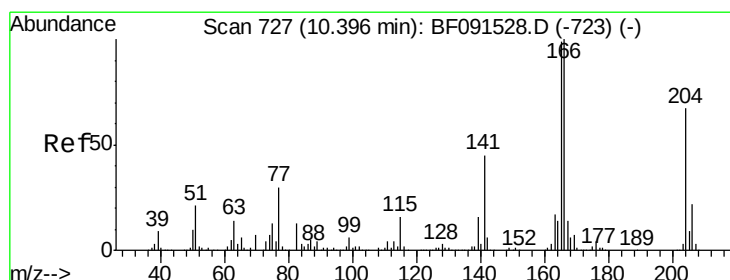
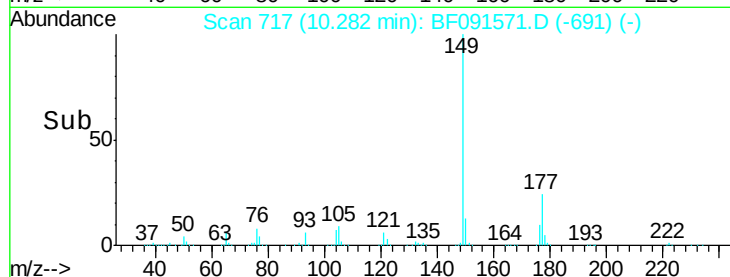
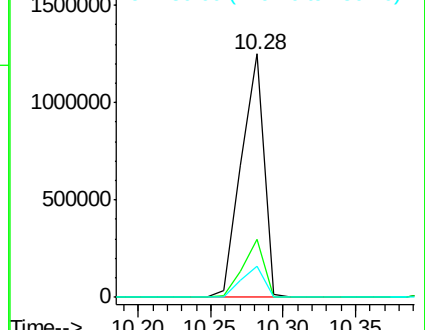
150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.35 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

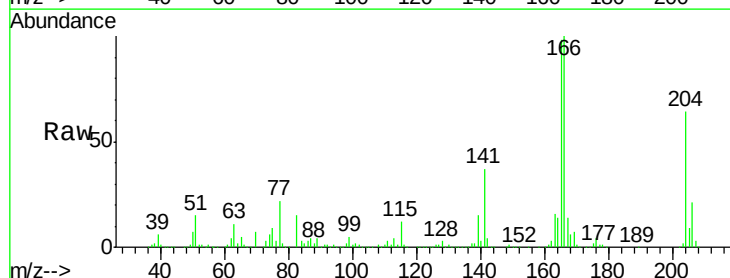
Tgt Ion:204 Resp: 570196

Ion Ratio Lower Upper

204 100

206 33.0 26.1 39.1

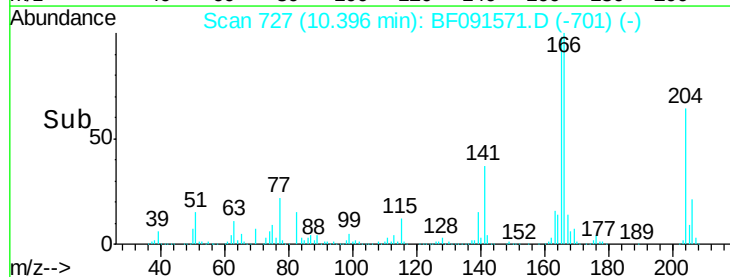
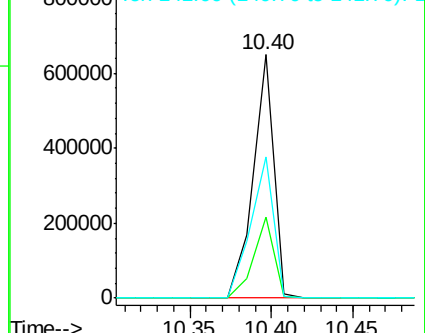
141 57.9 40.6 61.0

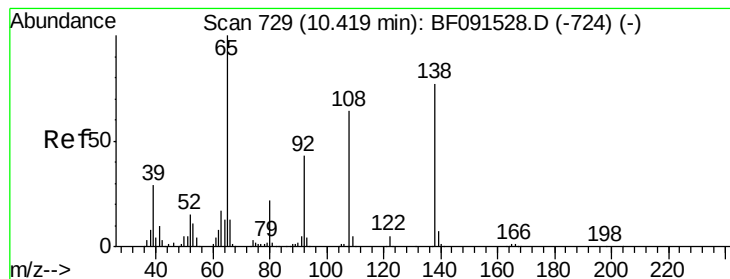


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.12 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

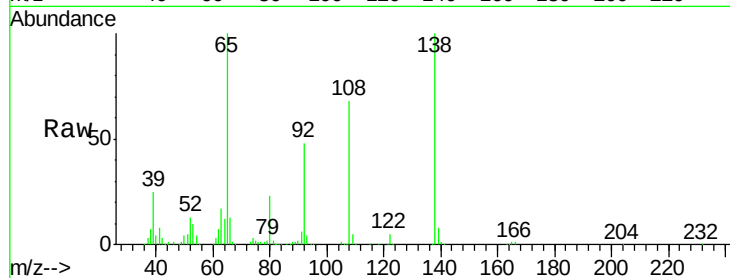
Tgt Ion:138 Resp: 374801

Ion Ratio Lower Upper

138 100

92 48.0 26.9 66.9

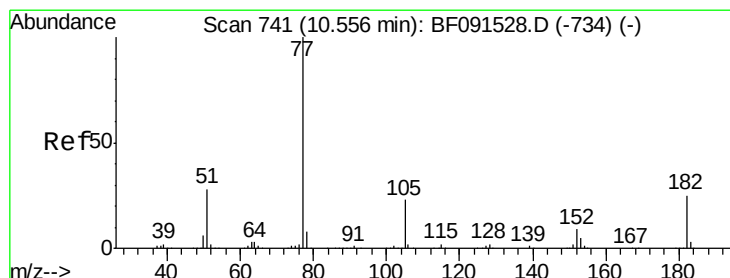
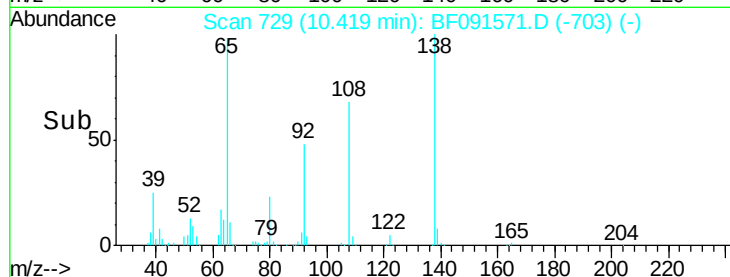
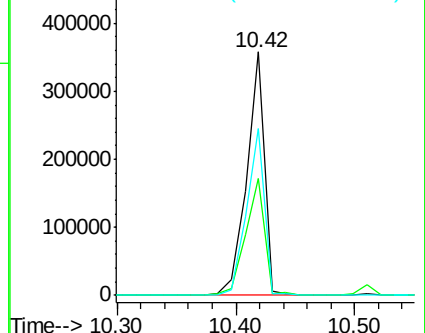
108 68.3 49.1 89.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.26 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Tgt Ion: 77 Resp: 1449957

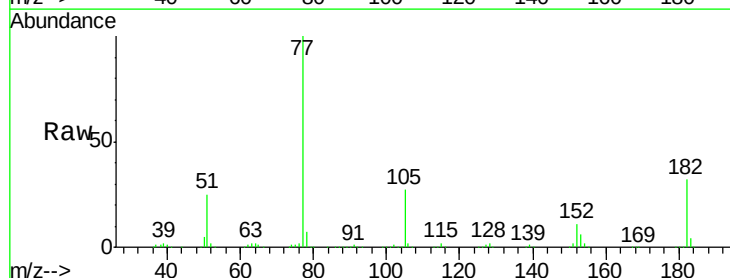
Ion Ratio Lower Upper

77 100

182 31.6 12.5 52.5

105 26.9 3.7 43.7

51 25.0 11.9 51.9

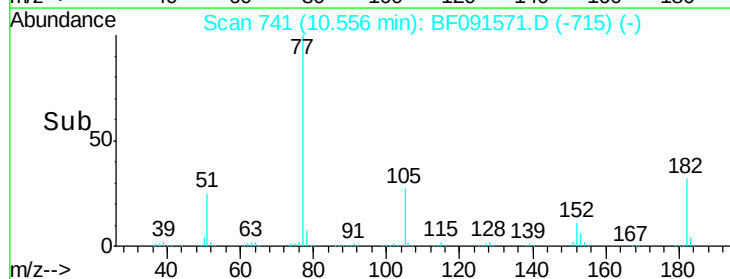
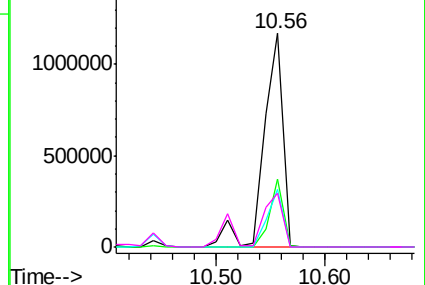


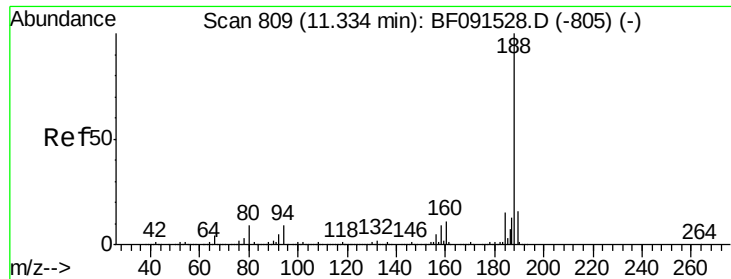
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

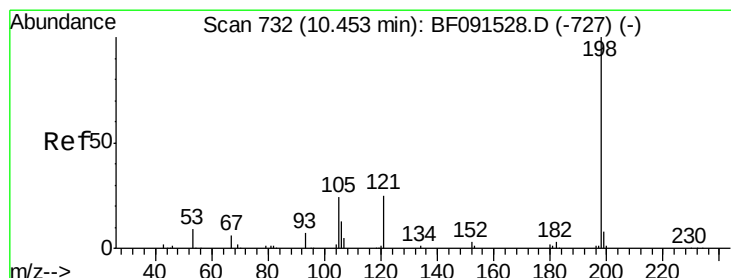
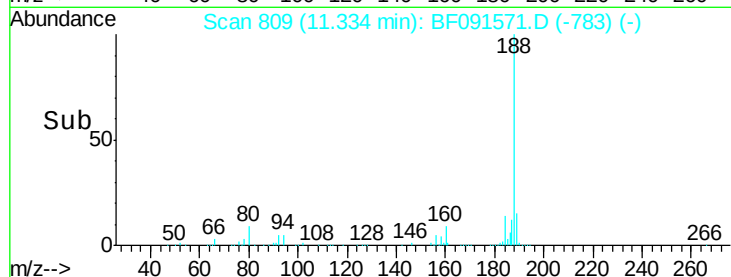
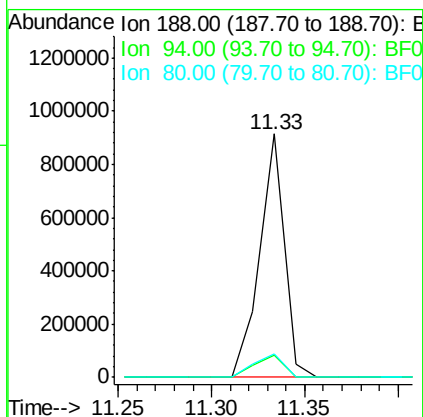
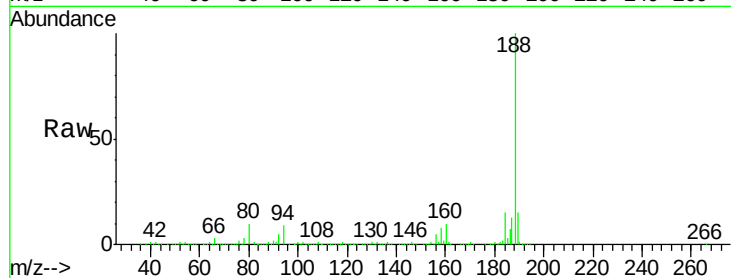




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

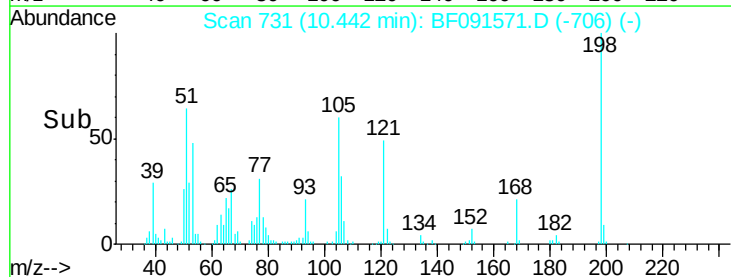
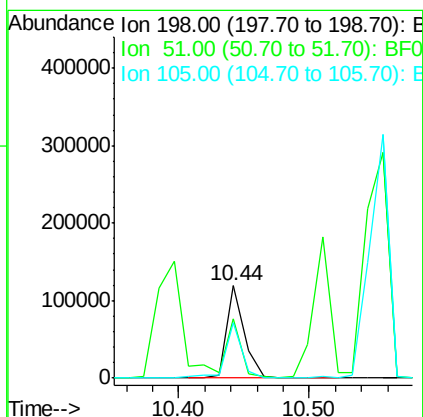
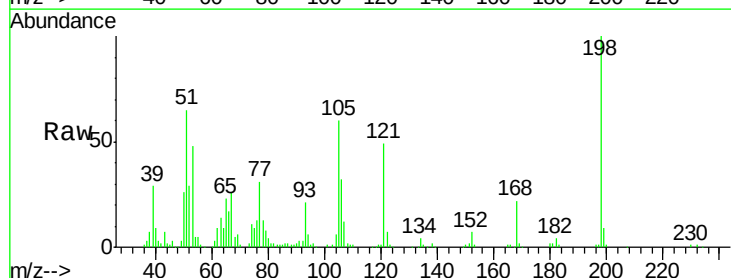
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

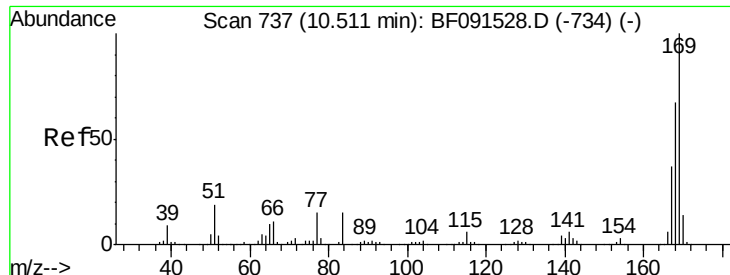
Tgt Ion:188 Resp: 832353
Ion Ratio Lower Upper
188 100
94 9.2 9.2 13.8#
80 9.8 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 23.40 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion:198 Resp: 110145
Ion Ratio Lower Upper
198 100
51 64.9 77.1 117.1#
105 60.1 44.8 84.8

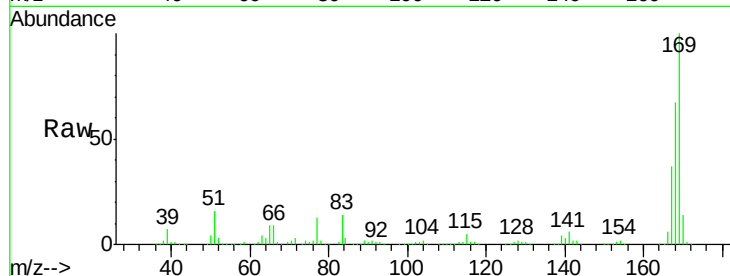




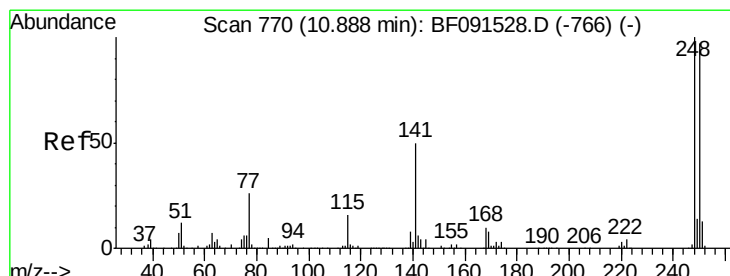
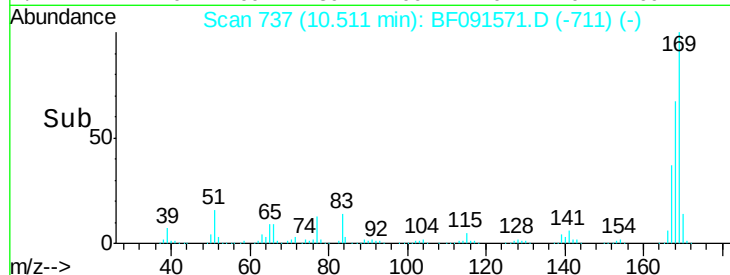
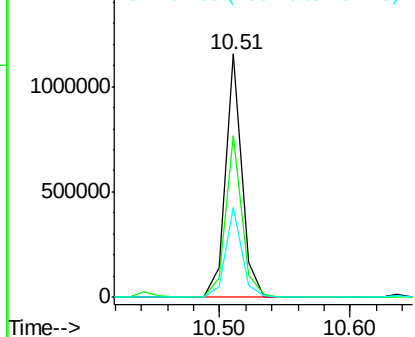
#65
 n-Nitrosodiphenylamine
 Concen: 40.58 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:169 Resp: 1007049
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.8 80.8
 167 37.0 29.8 44.8

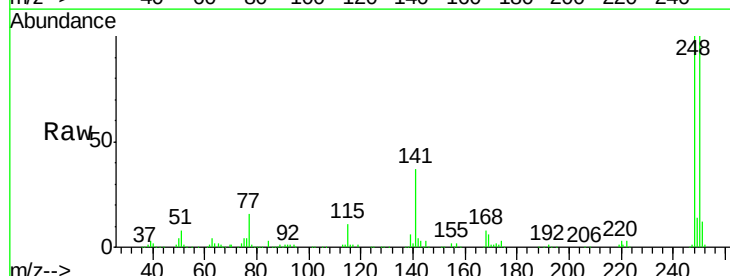


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

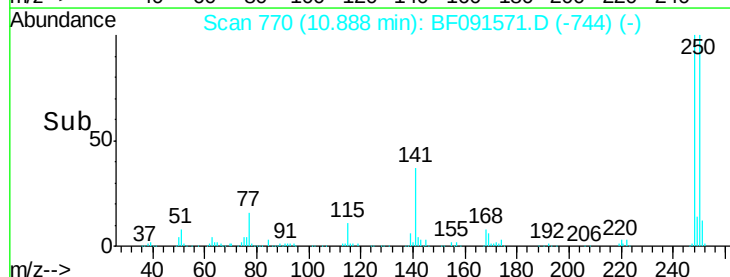
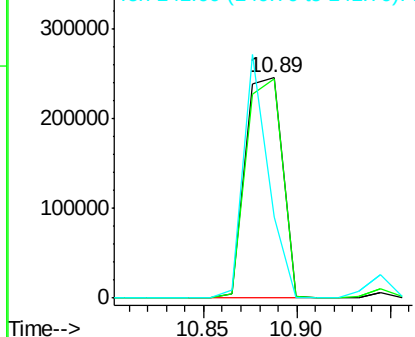


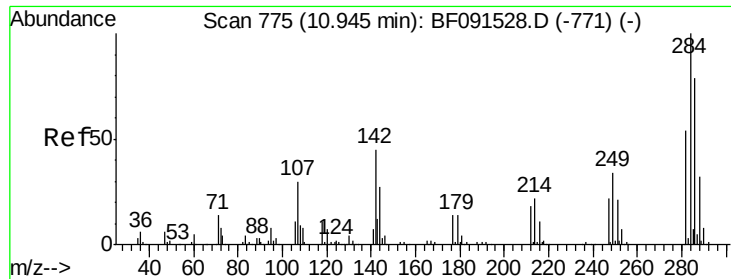
#66
 4-Bromophenyl-phenylether
 Concen: 39.52 ng
 RT: 10.89 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion:248 Resp: 337211
 Ion Ratio Lower Upper
 248 100
 250 99.6 78.2 117.4
 141 36.5 71.9 107.9#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.87 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

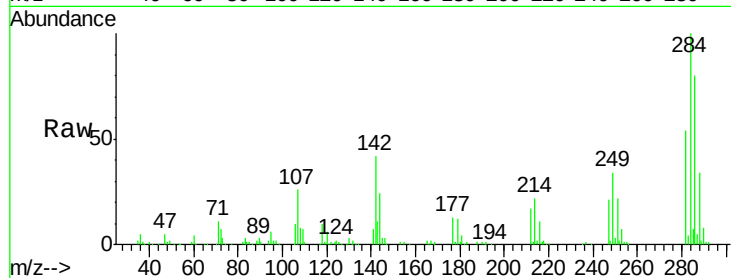
Tgt Ion:284 Resp: 336057

Ion Ratio Lower Upper

284 100

142 41.6 17.9 26.9#

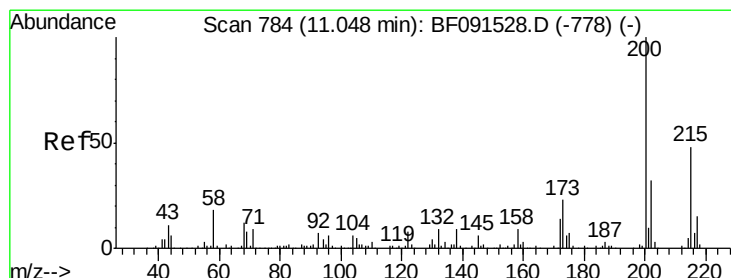
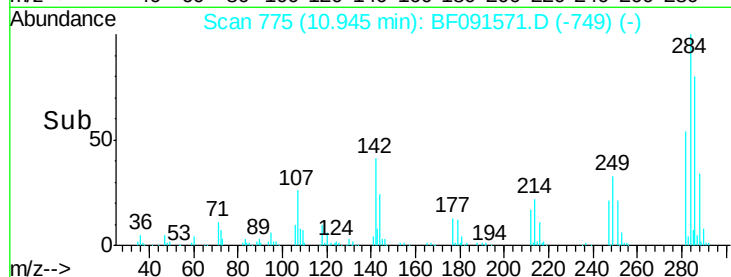
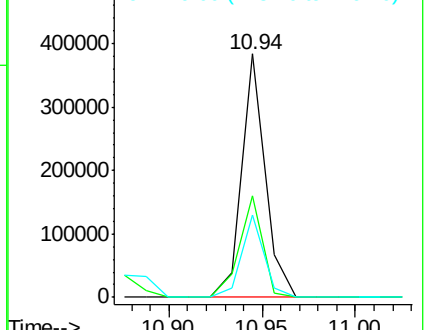
249 33.7 23.6 35.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.96 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

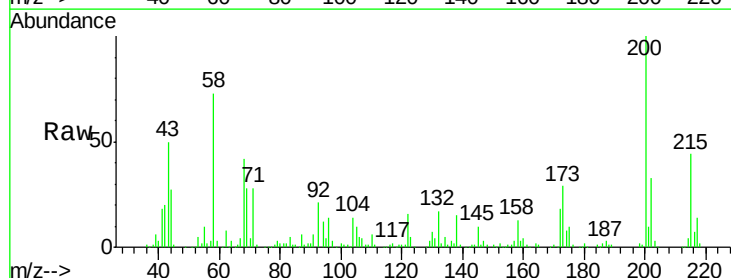
Tgt Ion:200 Resp: 278951

Ion Ratio Lower Upper

200 100

173 29.4 7.8 47.8

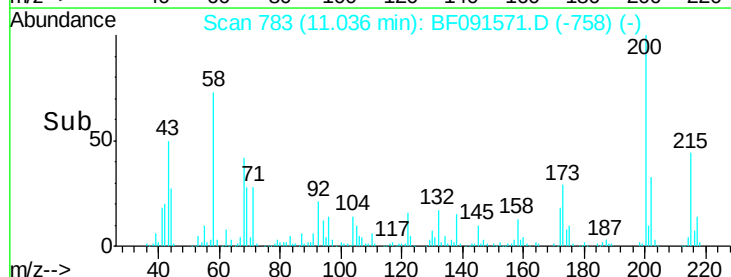
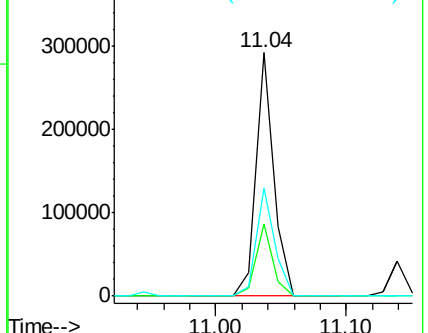
215 44.2 24.3 64.3

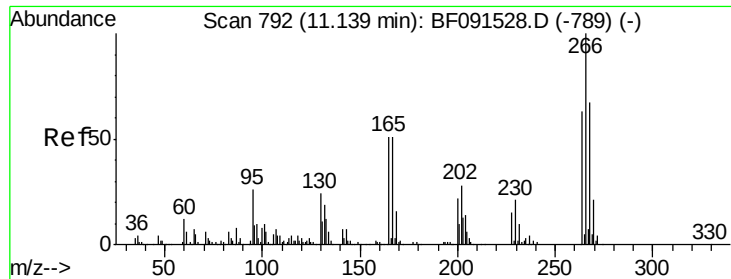


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

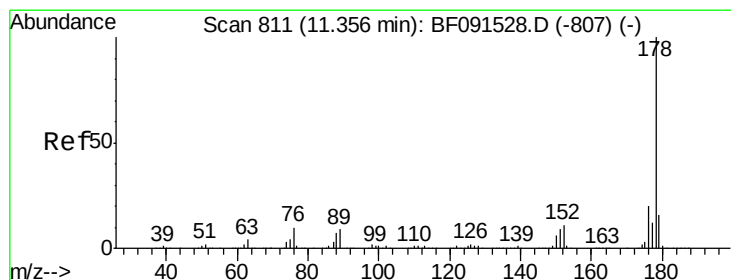
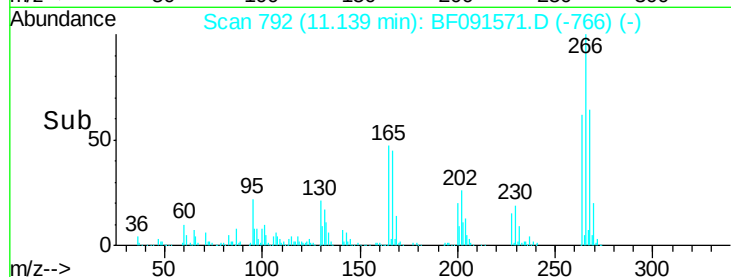
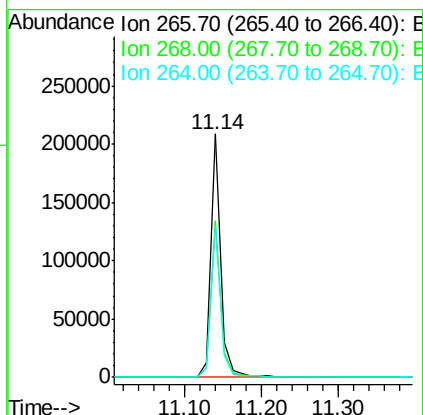
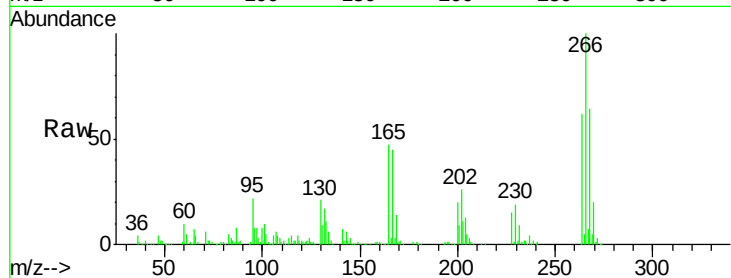




#69
 Pentachlorophenol
 Concen: 37.03 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

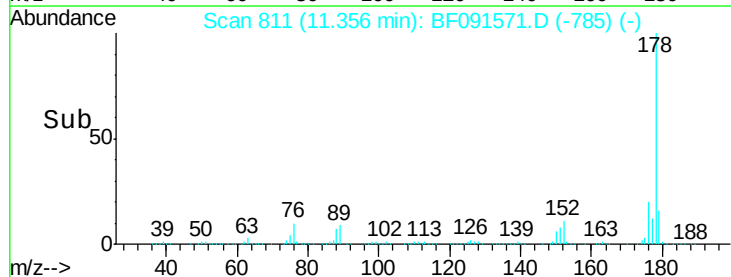
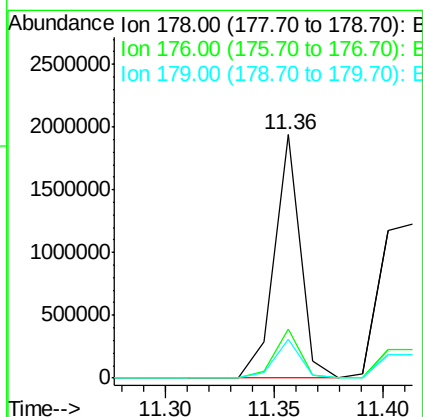
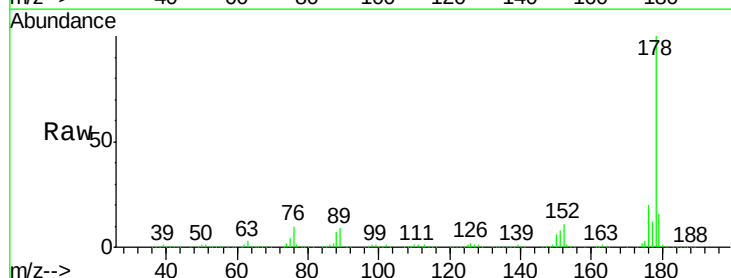
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

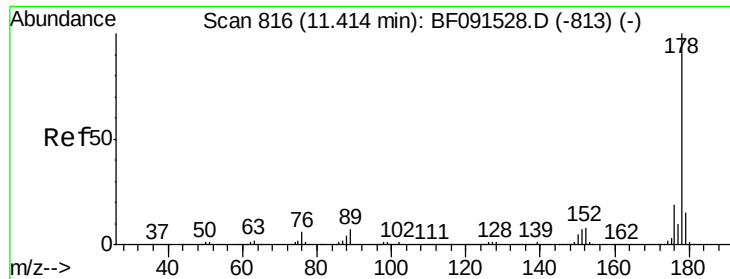
Tgt Ion:266 Resp: 184943
 Ion Ratio Lower Upper
 266 100
 268 64.4 50.3 75.5
 264 62.3 48.2 72.2



#70
 Phenanthrene
 Concen: 39.40 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion:178 Resp: 1623978
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.9 23.9
 179 16.1 12.6 18.8

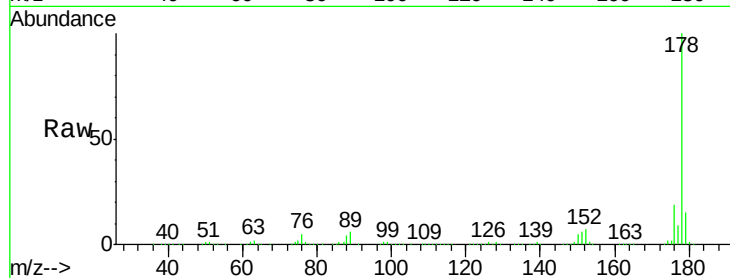




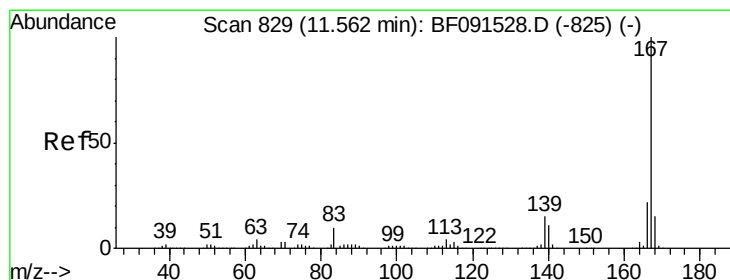
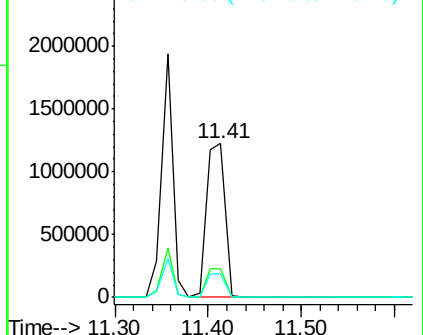
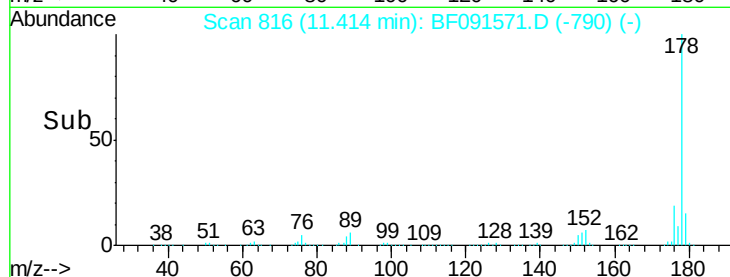
#71
 Anthracene
 Concen: 37.87 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1683843
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.6
 179 15.2 12.7 19.1

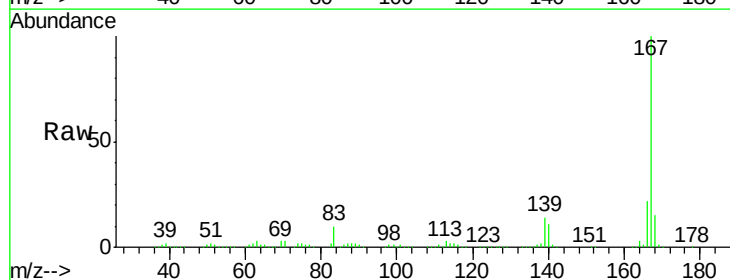


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

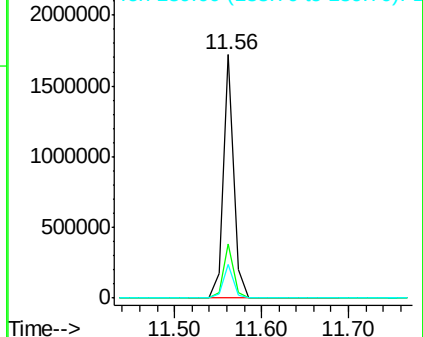
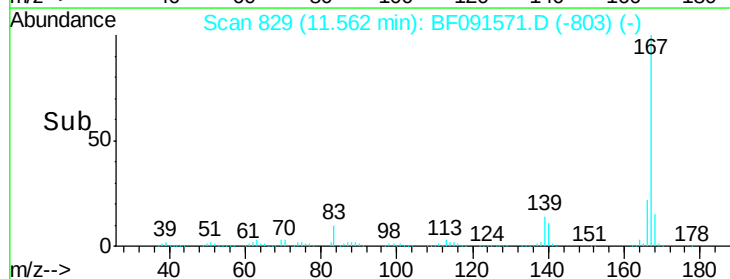


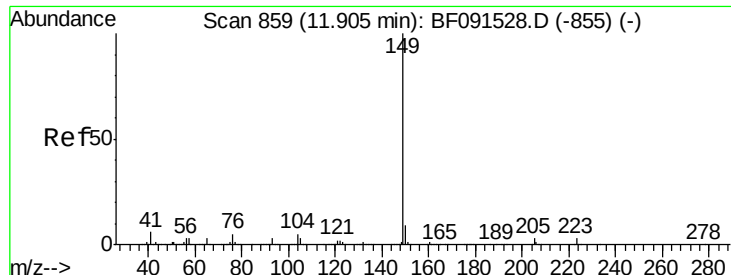
#72
 Carbazole
 Concen: 37.34 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion:167 Resp: 1455134
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 14.0 11.5 17.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.25 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

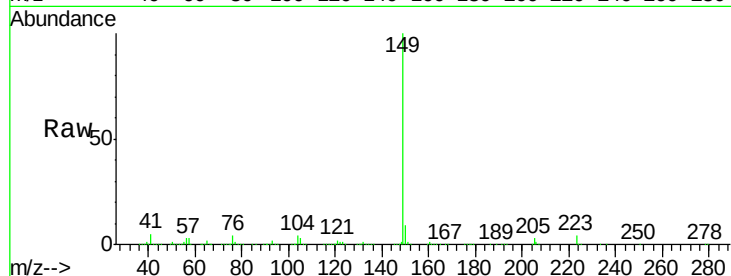
Tgt Ion:149 Resp: 1918178

Ion Ratio Lower Upper

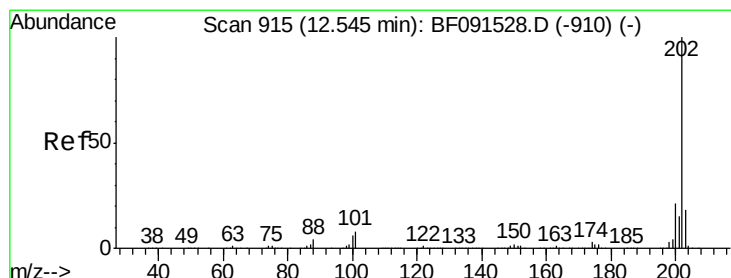
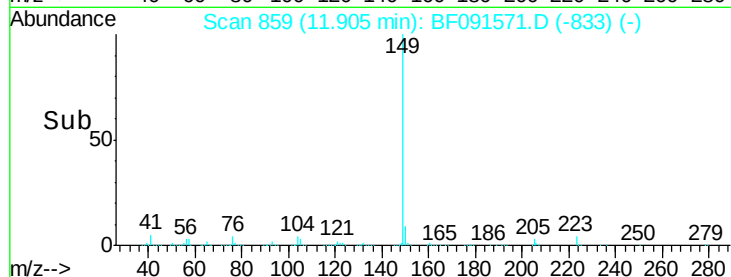
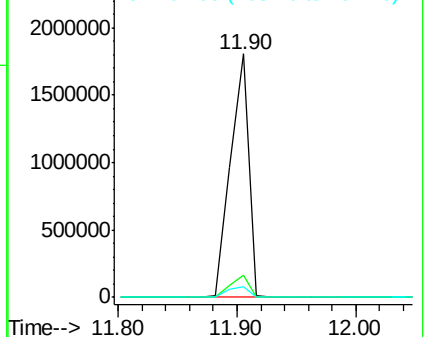
149 100

150 9.2 7.5 11.3

104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.05 ng

RT: 12.55 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

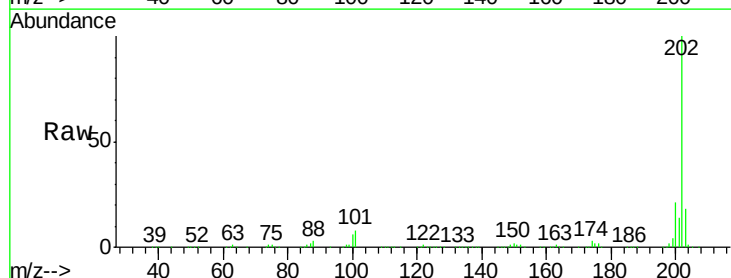
Tgt Ion:202 Resp: 1598851

Ion Ratio Lower Upper

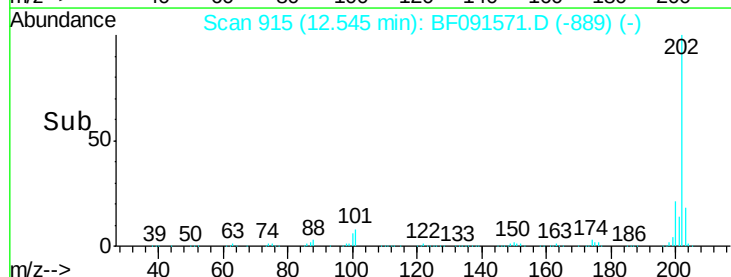
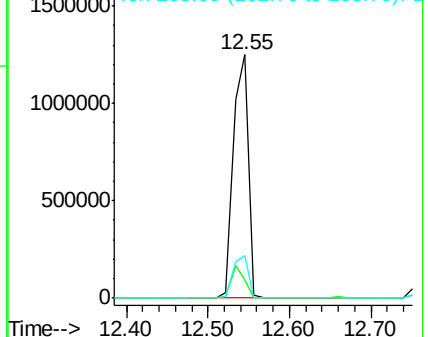
202 100

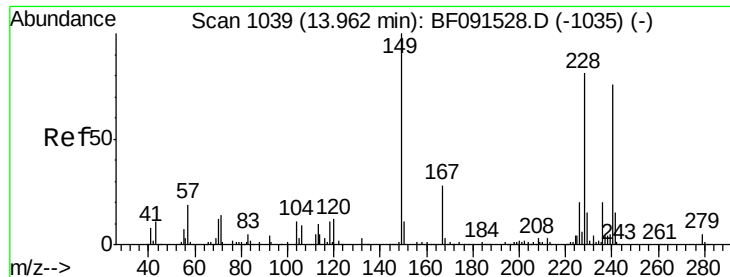
101 7.7 0.0 29.5

203 17.6 0.0 37.8



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

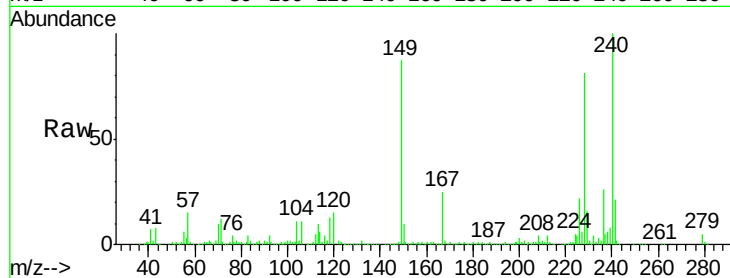
Tgt Ion:240 Resp: 572362

Ion Ratio Lower Upper

240 100

120 15.4 12.1 18.1

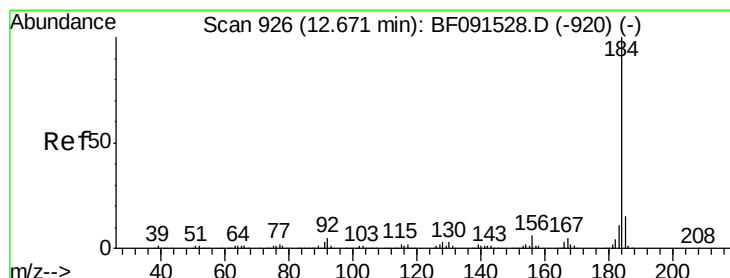
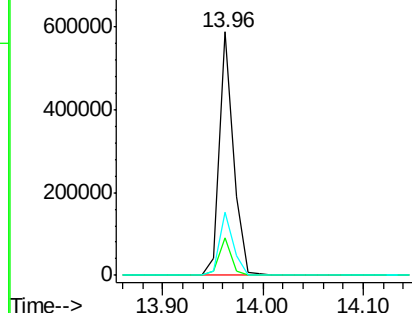
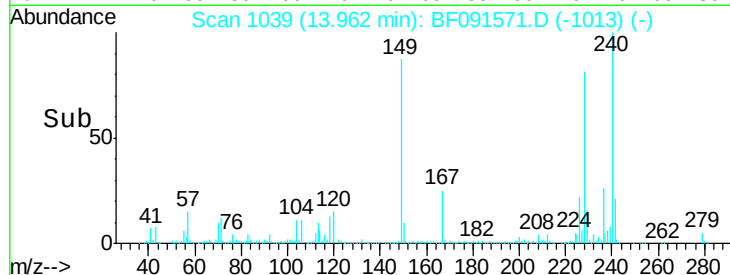
236 25.9 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.86 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

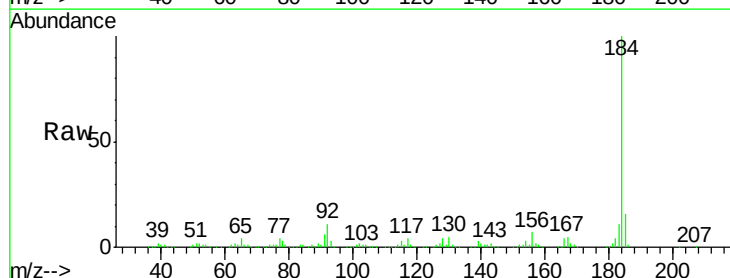
Tgt Ion:184 Resp: 705373

Ion Ratio Lower Upper

184 100

185 15.6 13.1 19.7

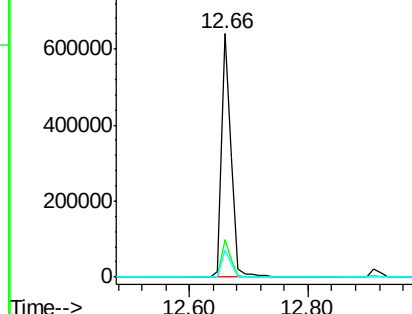
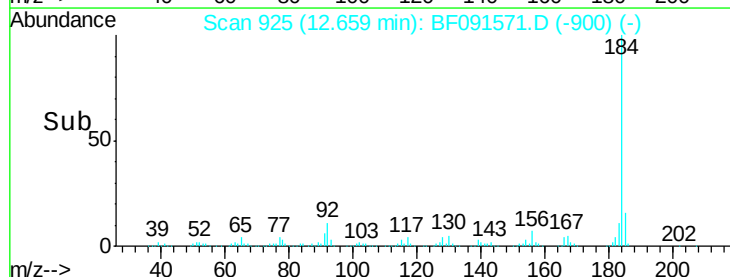
183 11.2 8.9 13.3

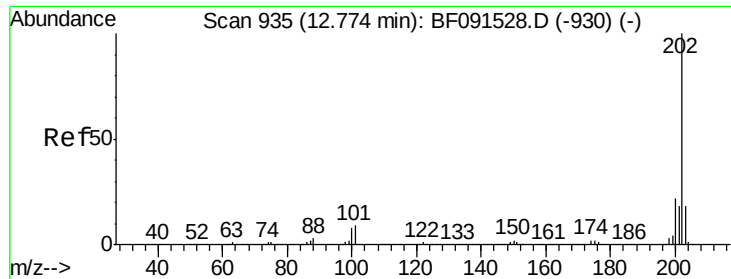


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

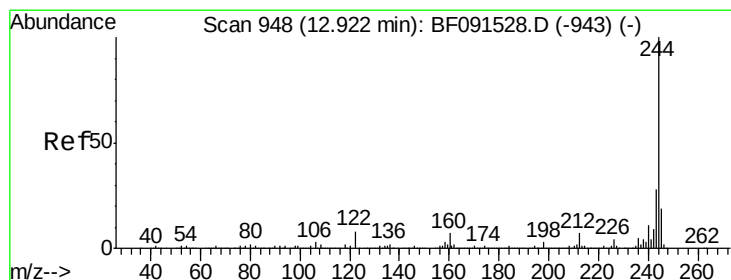
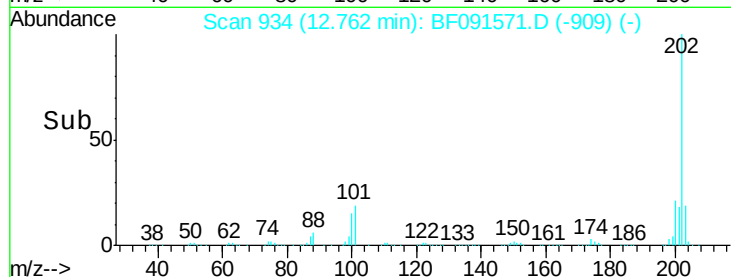
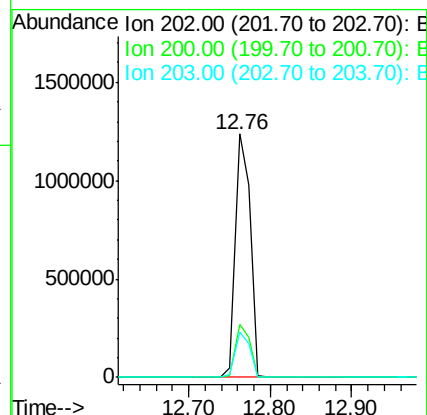
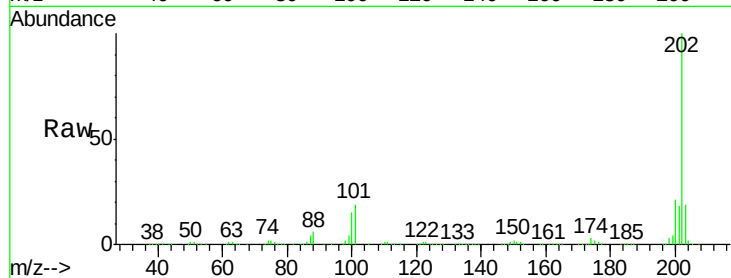




#77
Pyrene
 Concen: 34.52 ng
 RT: 12.76 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

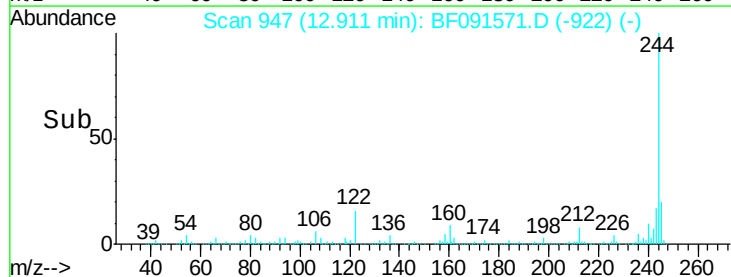
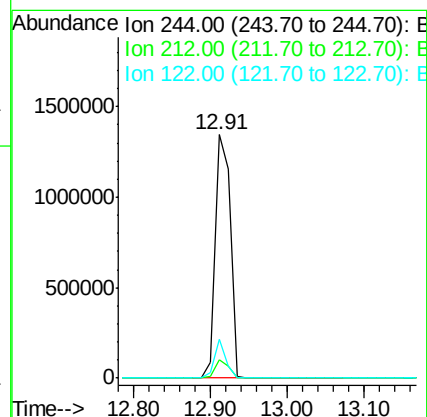
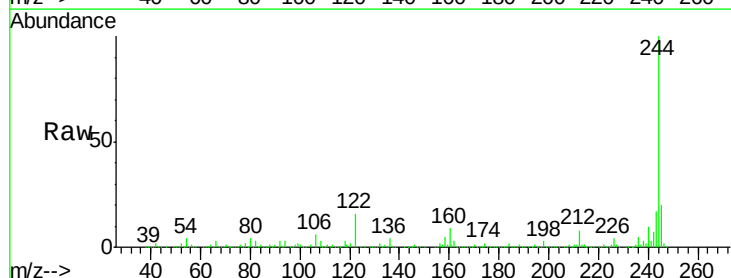
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

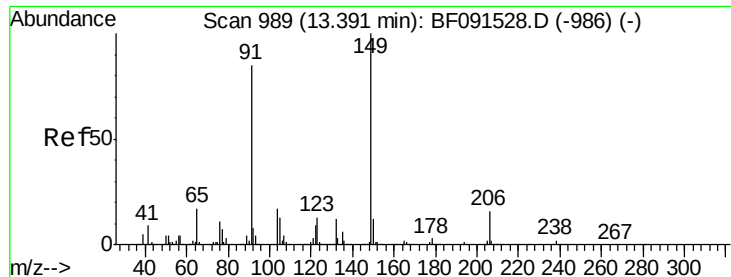
Tgt Ion:202 Resp: 1567526
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.6 26.4
 203 18.7 14.0 21.0



#78
Terphenyl-d14
 Concen: 71.00 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion:244 Resp: 1790820
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 15.8 9.5 14.3#

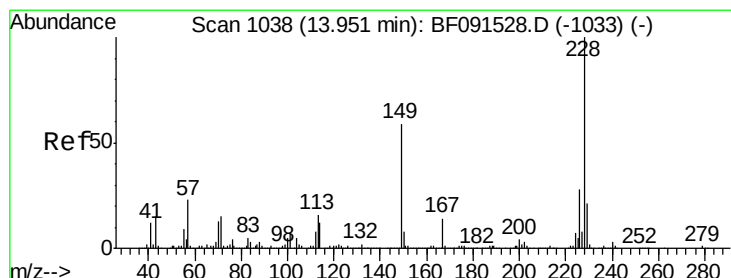
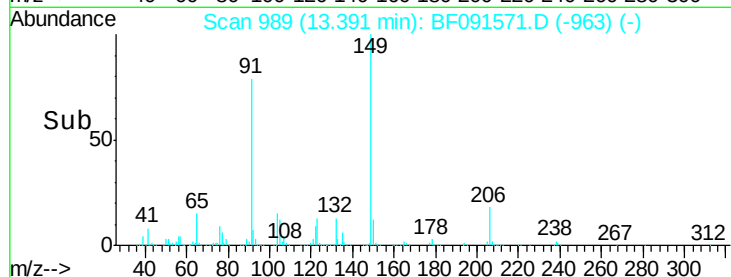
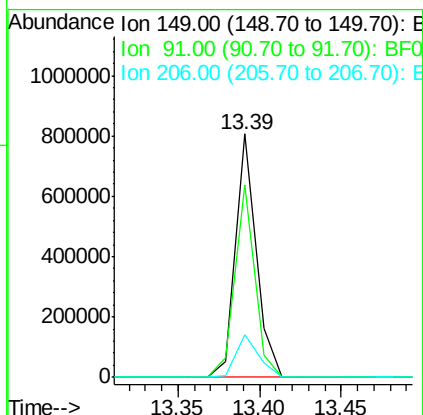
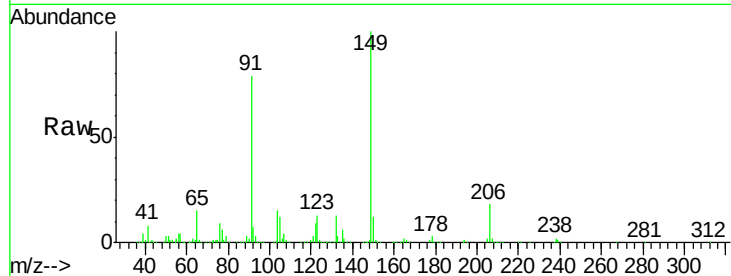




#79
Butylbenzylphthalate
Concen: 39.77 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

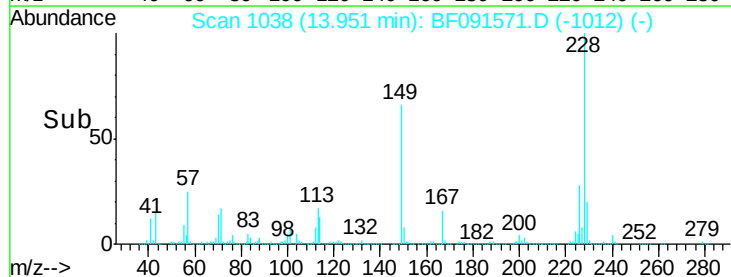
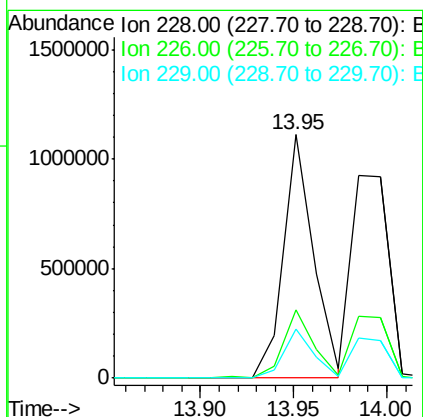
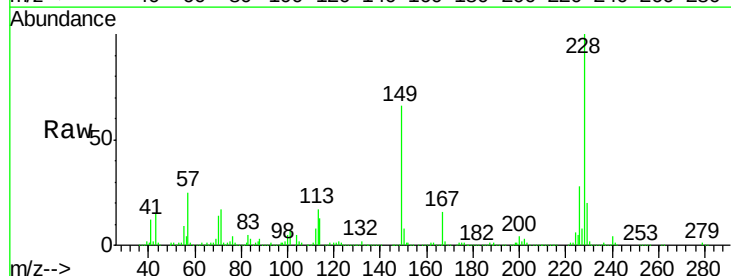
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

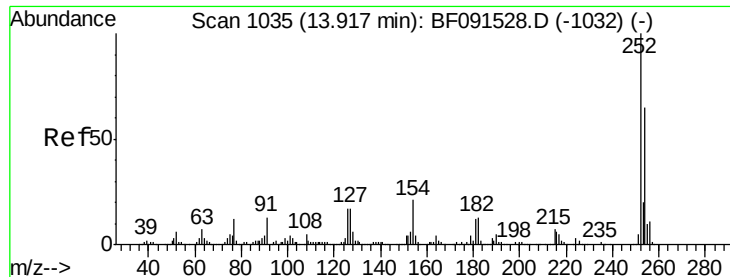
Tgt Ion:149 Resp: 703972
Ion Ratio Lower Upper
149 100
91 79.0 57.4 86.2
206 17.7 15.4 23.2



#80
Benzo(a)anthracene
Concen: 37.69 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion:228 Resp: 1252803
Ion Ratio Lower Upper
228 100
226 27.8 22.5 33.7
229 20.2 16.4 24.6

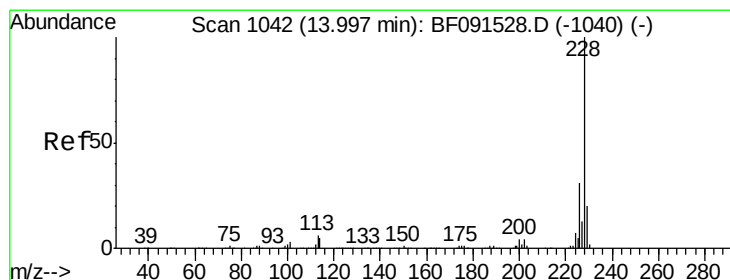
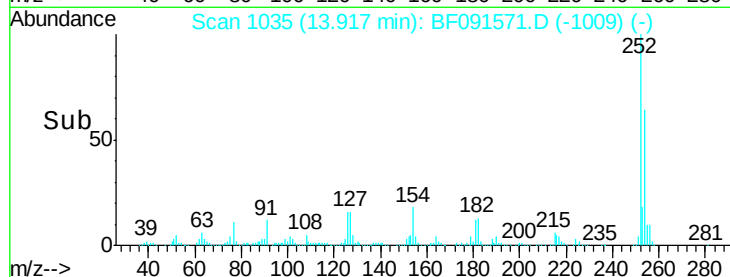
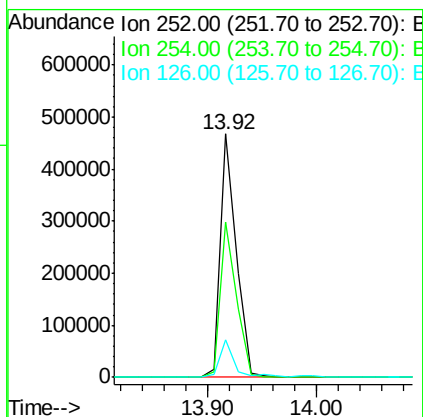
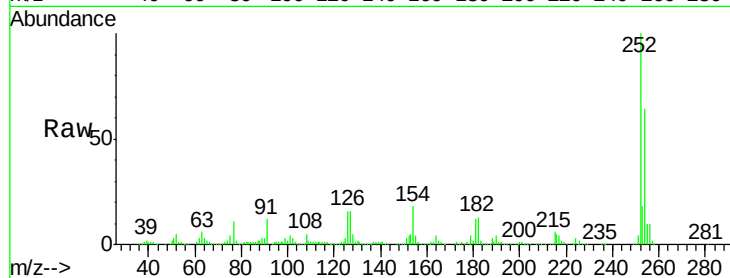




#81
 3,3'-Dichlorobenzidine
 Concen: 40.26 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

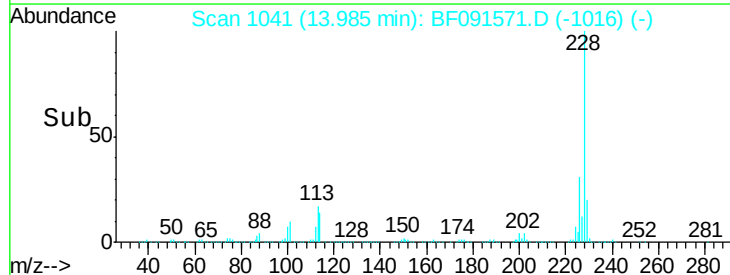
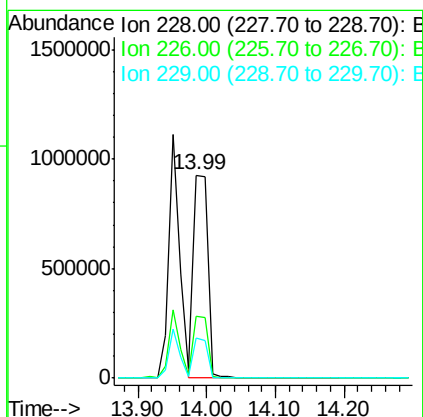
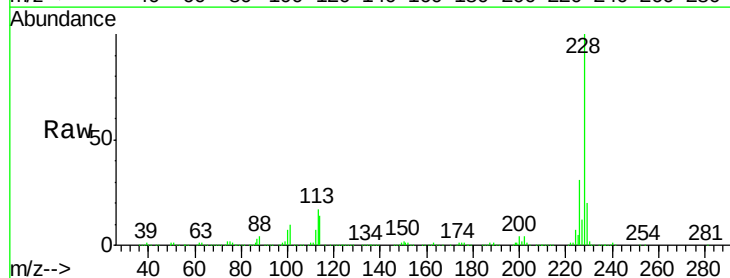
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

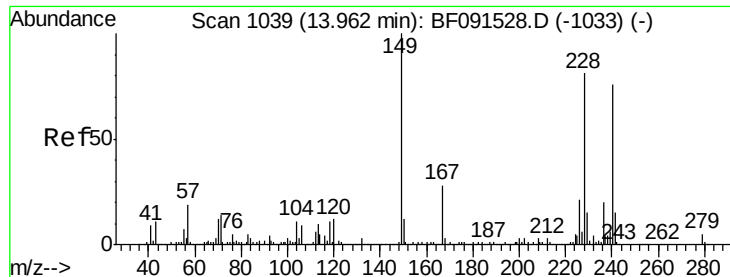
Tgt Ion:252 Resp: 480544
 Ion Ratio Lower Upper
 252 100
 254 64.0 52.1 78.1
 126 15.7 7.5 11.3#



#82
 Chrysene
 Concen: 37.31 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion:228 Resp: 1297575
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.4
 229 20.0 16.0 24.0

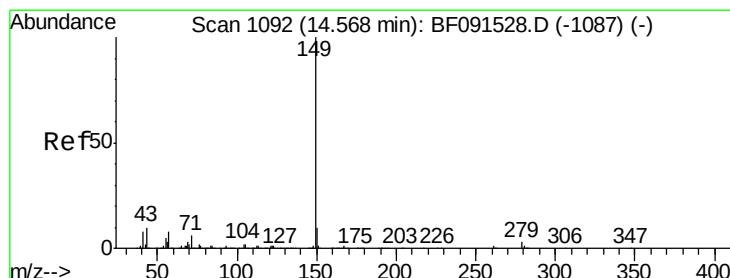
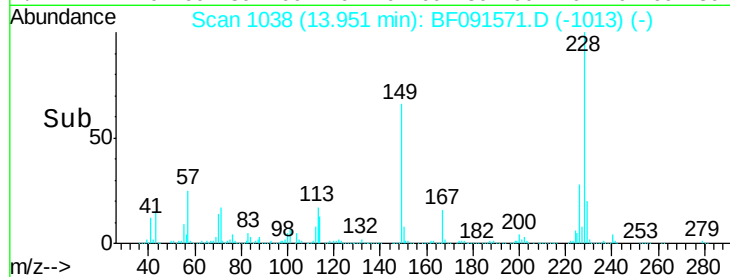
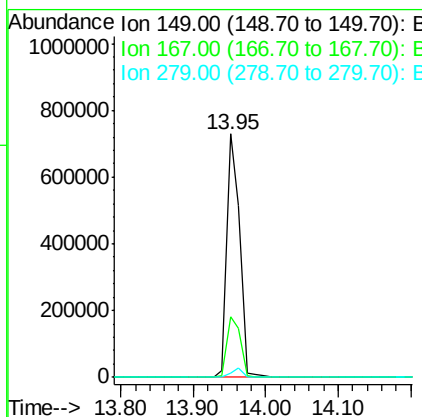
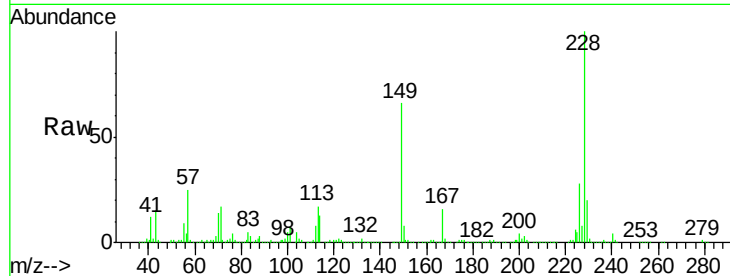




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.17 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

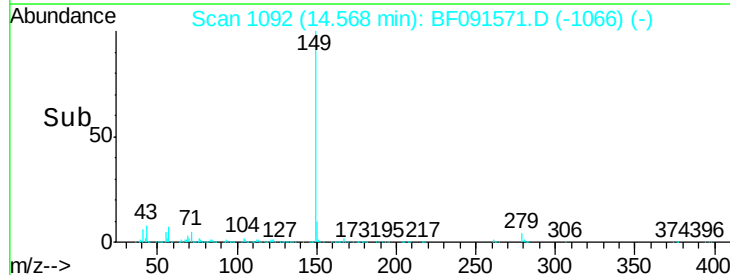
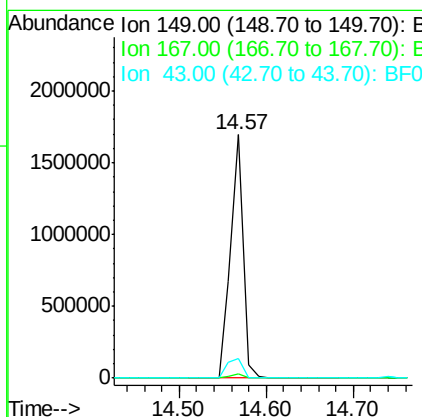
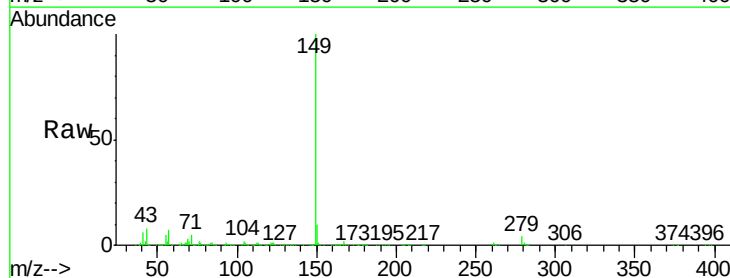
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

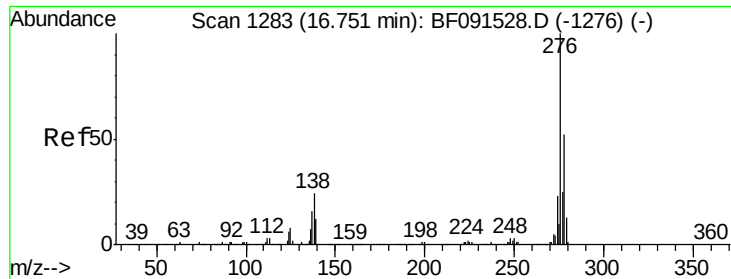
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.1	19.6	29.4
279	1.9	1.9	2.9



#84
 Di-n-octyl phthalate
 Concen: 44.51 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.3	11.9	17.9#

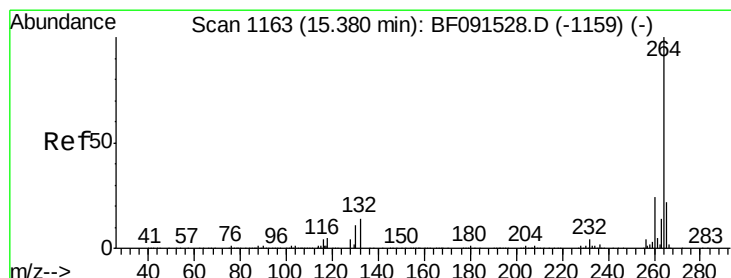
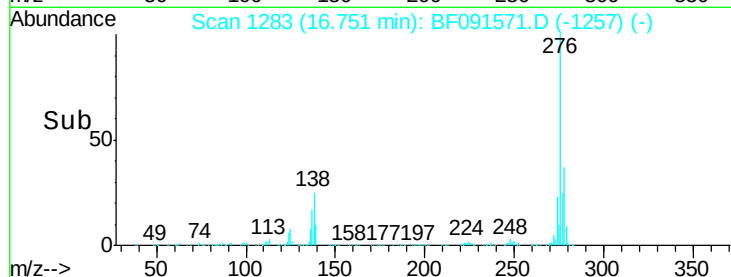
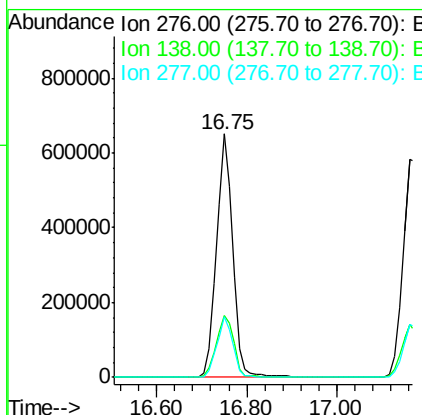
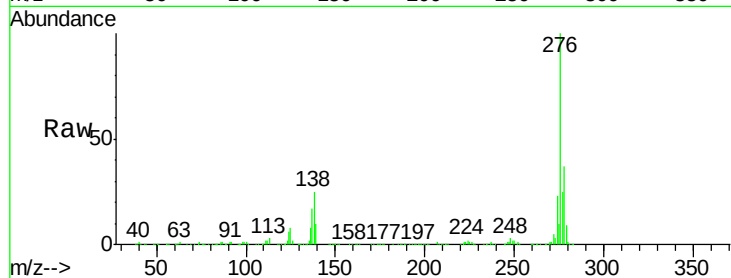




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.48 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

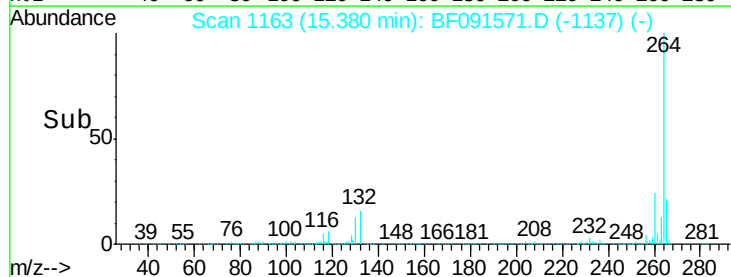
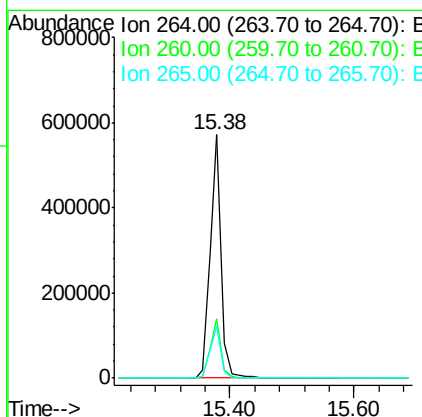
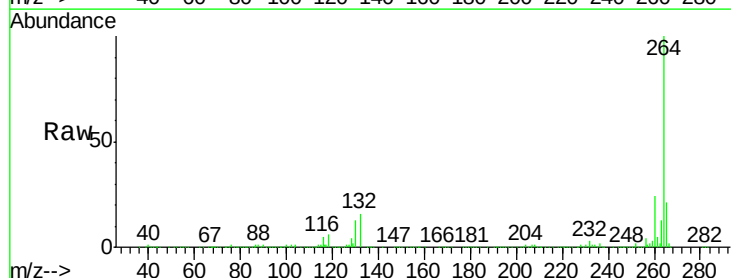
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

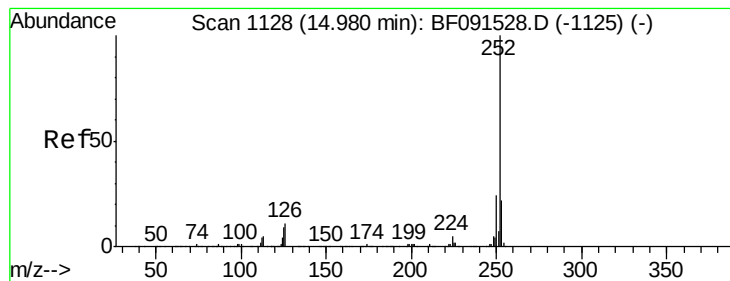
Tgt Ion:276 Resp: 1642479
 Ion Ratio Lower Upper
 276 100
 138 27.8 21.0 31.4
 277 25.1 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion:264 Resp: 685275
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.3 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 69.47 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.02 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

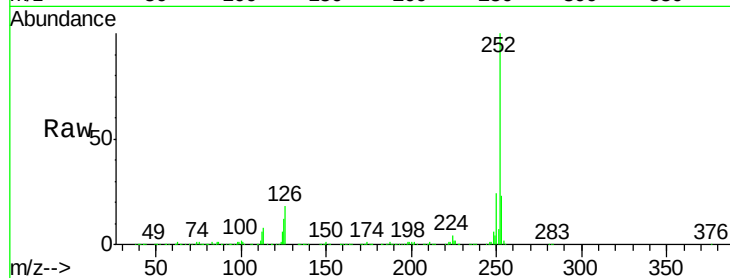
Tgt Ion:252 Resp: 2837711

Ion Ratio Lower Upper

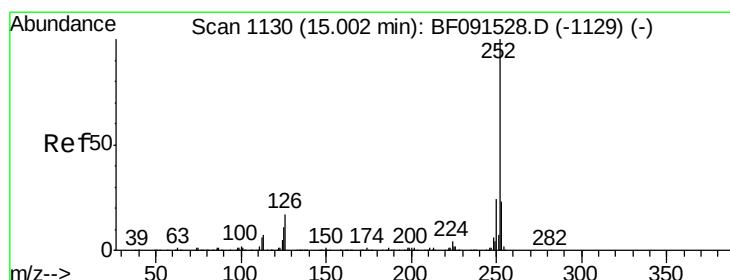
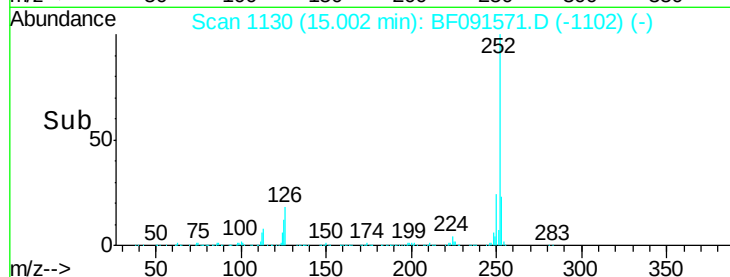
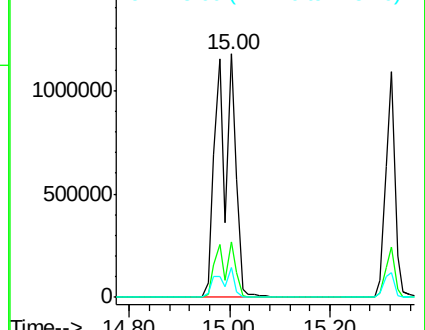
252 100

253 22.6 18.2 27.2

125 12.4 8.6 13.0



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



#88

Benzo(k)fluoranthene

Concen: 79.00 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

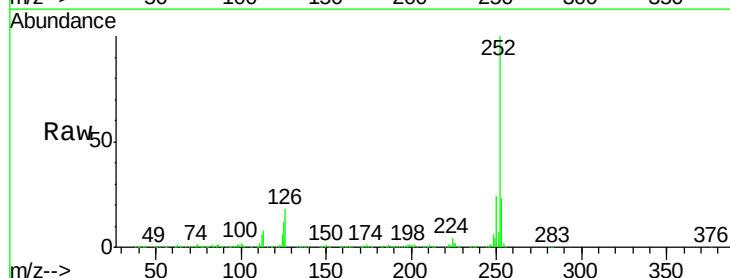
Tgt Ion:252 Resp: 2837711

Ion Ratio Lower Upper

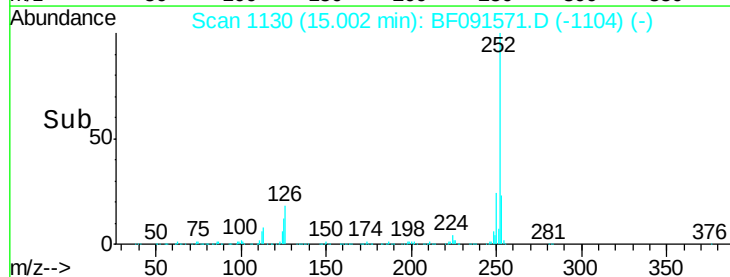
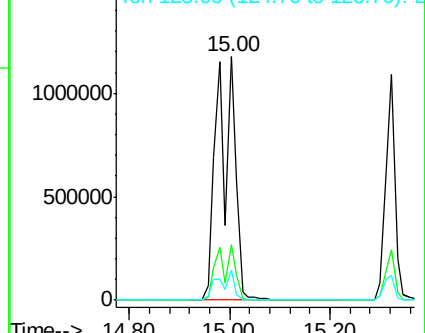
252 100

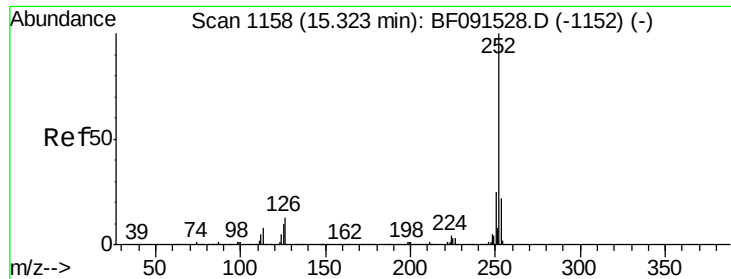
253 22.6 17.8 26.8

125 12.4 9.6 14.4



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





#89

Benzo(a)pyrene

Concen: 38.76 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

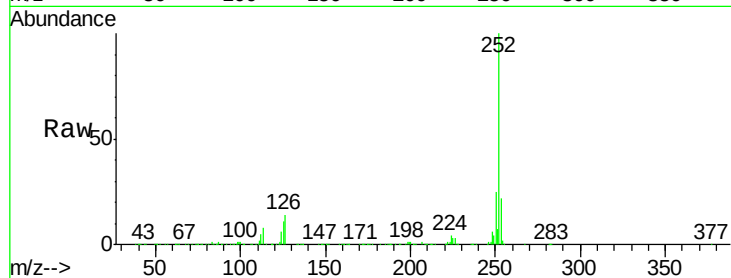
Tgt Ion:252 Resp: 1426569

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

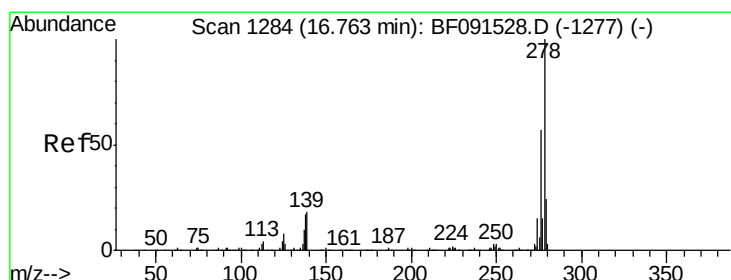
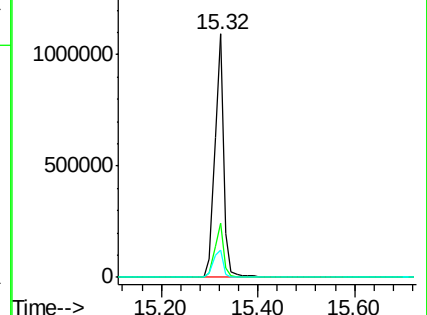
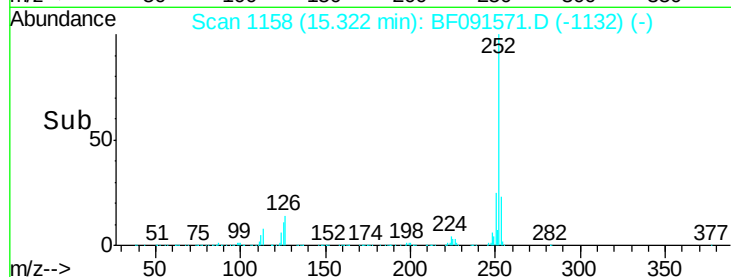
125 11.1 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.04 ng

RT: 16.77 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

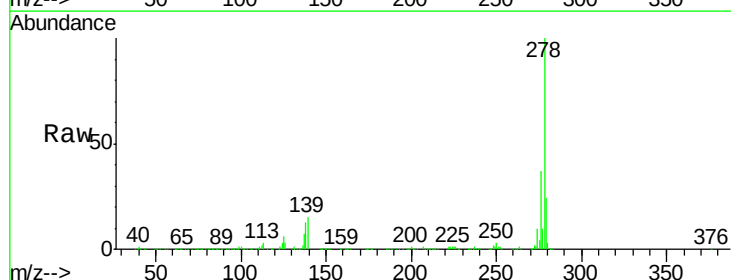
Tgt Ion:278 Resp: 1385875

Ion Ratio Lower Upper

278 100

139 15.0 15.1 22.7#

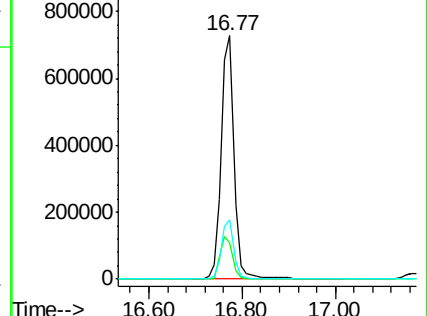
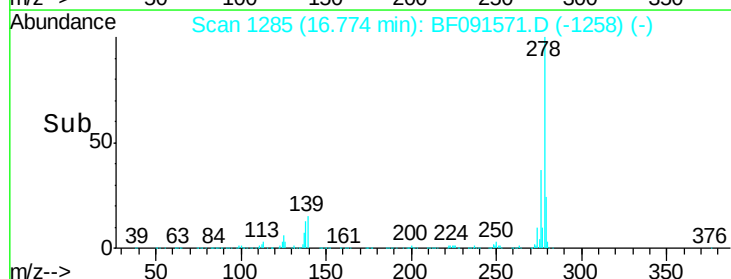
279 24.2 19.0 28.6

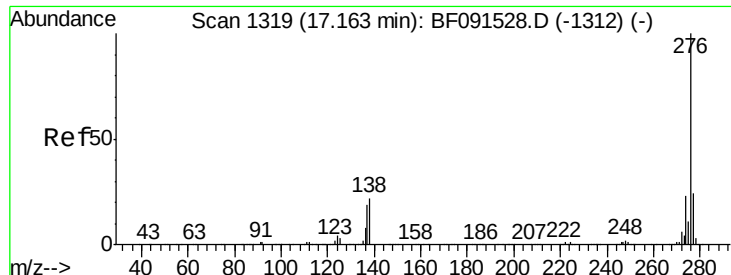


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.01 ng

RT: 17.16 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

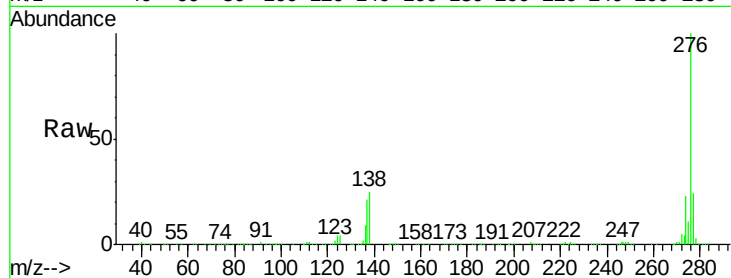
Tgt Ion: 276 Resp: 1409532

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 24.6 15.4 23.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

