

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091673.D
 Acq On : 16 Dec 2016 15:26
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 16 23:04:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	188414	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	818470	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	418335	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	698080	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	546093	20.00	ng	-0.01
86) Perylene-d12	15.32	264	421218	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	909481	81.32	ng	-0.01
7) Phenol-d6	6.42	99	1146468	82.23	ng	-0.01
23) Nitrobenzene-d5	7.34	82	1138019	77.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	282337	81.26	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1829292	75.56	ng	-0.01
78) Terphenyl-d14	12.88	244	1719951	71.47	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.32	88	224735	38.08	ng	87
3) Pyridine	3.00	79	630124	40.07	ng	# 83
4) n-Nitrosodimethylamine	2.96	42	296842	43.93	ng	83
6) Aniline	6.44	93	777210	42.52	ng	# 71
8) 2-Chlorophenol	6.56	128	540535	42.82	ng	84
9) Benzaldehyde	6.32	77	350599	36.54	ng	91
10) Phenol	6.43	94	616428	37.81	ng	# 76
11) bis(2-Chloroethyl)ether	6.51	93	513862	41.96	ng	94
12) 1,3-Dichlorobenzene	6.72	146	592531	43.29	ng	97
13) 1,4-Dichlorobenzene	6.80	146	602642	44.63	ng	98
14) 1,2-Dichlorobenzene	6.94	146	493707	40.58	ng	98
15) Benzyl Alcohol	6.92	79	478083	43.43	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	789877	41.62	ng	80
17) 2-Methylphenol	7.05	107	463789	44.40	ng	# 76
18) Hexachloroethane	7.29	117	220855	41.91	ng	# 84
19) n-Nitroso-di-n-propylamine	7.20	70	384342	44.08	ng	86
20) 3+4-Methylphenols	7.20	107	511310	45.35	ng	# 64
22) Acetophenone	7.20	105	832213	42.44	ng	# 94
24) Nitrobenzene	7.37	77	703649	45.41	ng	# 81
25) Isophorone	7.61	82	1101061	42.24	ng	100
26) 2-Nitrophenol	7.68	139	274077	40.08	ng	97
27) 2,4-Dimethylphenol	7.72	122	455704	37.94	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	621023	40.61	ng	# 97
29) 2,4-Dichlorophenol	7.93	162	451090	43.17	ng	96
30) 1,2,4-Trichlorobenzene	8.01	180	488219	41.11	ng	97
31) Naphthalene	8.09	128	1642376	43.13	ng	100
32) Benzoic acid	7.86	122	353970	41.78	ng	96
33) 4-Chloroaniline	8.13	127	622820	37.96	ng	95
34) Hexachlorobutadiene	8.20	225	260796	38.31	ng	95
35) Caprolactam	8.52	113	147442	48.31	ng	# 32
36) 4-Chloro-3-methylphenol	8.62	107	494729	42.21	ng	98
37) 2-Methylnaphthalene	8.77	142	947469	38.44	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	462690	40.33	ng	98
40) Hexachlorocyclopentadiene	8.93	237	196554	38.42	ng	99

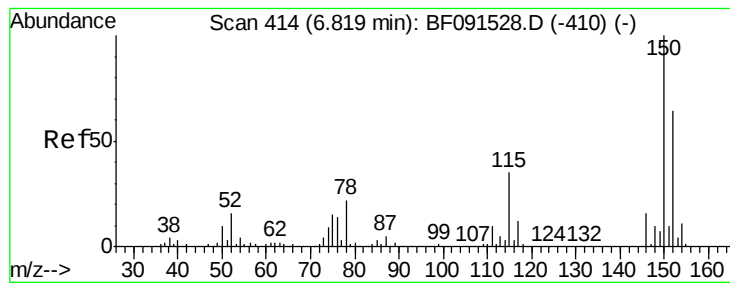
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	324452m	44.01	nq	
43) 2,4,5-Trichlorophenol	9.09	196	305722m	40.35	nq	
45) 1,1'-Biphenyl	9.24	154	1278884	42.21	nq	97
46) 2-Chloronaphthalene	9.26	162	950862	40.52	nq	100
47) 2-Nitroaniline	9.36	65	327204	41.47	nq	# 82
48) Acenaphthylene	9.68	152	1400980	39.17	nq	99
49) Dimethylphthalate	9.55	163	1193072	45.04	nq	99
50) 2,6-Dinitrotoluene	9.61	165	267425	46.00	nq	# 87
51) Acenaphthene	9.85	154	958026	38.56	nq	97
52) 3-Nitroaniline	9.78	138	319442	46.77	nq	81
53) 2,4-Dinitrophenol	9.88	184	124305	45.46	nq	# 77
54) Dibenzofuran	10.02	168	1170845	38.09	nq	97
55) 4-Nitrophenol	9.94	139	208330	41.00	nq	94
56) 2,4-Dinitrotoluene	10.01	165	343067	47.08	nq	# 65
57) Fluorene	10.36	166	964581	43.79	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	265979	44.84	nq	95
59) Diethylphthalate	10.25	149	1176724	46.13	nq	95
60) 4-Chlorophenyl-phenylether	10.36	204	473934	42.89	nq	99
61) 4-Nitroaniline	10.38	138	273552	40.30	nq	82
62) Azobenzene	10.51	77	1233610	42.68	nq	86
64) 4,6-Dinitro-2-methylphenol	10.42	198	187360	44.43	nq	# 42
65) n-Nitrosodiphenylamine	10.48	169	853510	41.01	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	285635	39.91	nq	92
67) Hexachlorobenzene	10.91	284	326678	43.90	nq	# 84
68) Atrazine	11.00	200	254462	38.03	nq	99
69) Pentachlorophenol	11.10	266	194030	46.33	nq	95
70) Phenanthrene	11.32	178	1616920	46.77	nq	100
71) Anthracene	11.37	178	1426811	38.27	nq	99
72) Carbazole	11.53	167	1419199	43.42	nq	99
73) Di-n-butylphthalate	11.86	149	1645071	43.20	nq	# 98
74) Fluoranthene	12.50	202	1471171	40.64	nq	96
76) Benzidine	12.62	184	327591	19.40	nq	99
77) Pyrene	12.73	202	1514352	34.95	nq	99
79) Butylbenzylphthalate	13.36	149	770388	45.62	nq	99
80) Benzo(a)anthracene	13.92	228	1186742m	37.42	nq	
81) 3,3'-Dichlorobenzidine	13.88	252	435362	38.23	nq	# 99
82) Chrysene	13.95	228	1123281m	33.85	nq	
83) Bis(2-ethylhexyl)phthalate	13.92	149	949175	43.81	nq	98
84) Di-n-octyl phthalate	14.52	149	1535445	41.75	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.67	276	984686	32.98	nq	98
87) Benzo(b)fluoranthene	14.93	252	1198373m	47.73	nq	
88) Benzo(k)fluoranthene	14.96	252	877056m	39.72	nq	
89) Benzo(a)pyrene	15.27	252	960414	42.46	nq	98
90) Dibenzo(a,h)anthracene	16.68	278	831528	41.03	nq	97
91) Benzo(g,h,i)perylene	17.08	276	831716	40.33	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

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SSTDCCC040

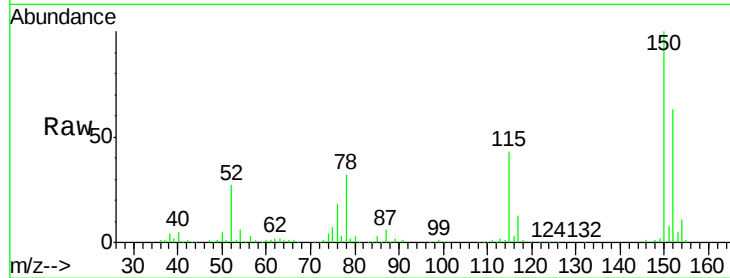
Tot Ion:152 Resp: 188414

Ion Ratio Lower Upper

152 100

150 157.9 122.5 183.7

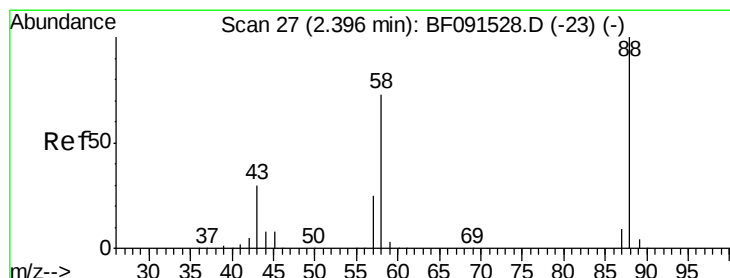
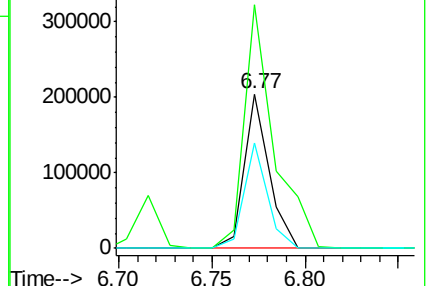
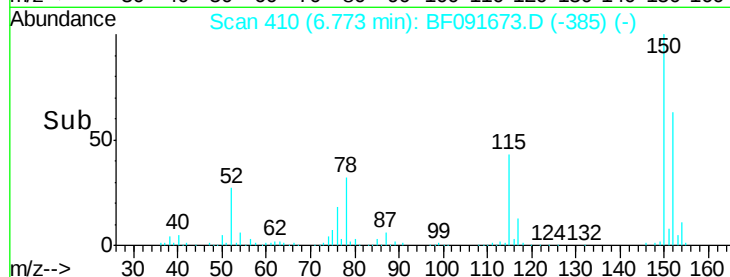
115 68.0 51.8 77.8



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: 38.08 ng

RT: 2.32 min Scan# 20

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

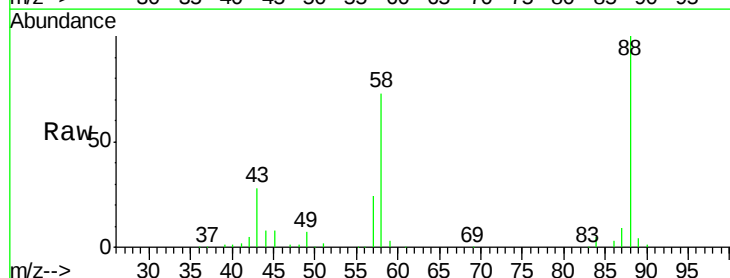
Tgt Ion: 88 Resp: 224735

Ion Ratio Lower Upper

88 100

58 75.9 70.3 105.5

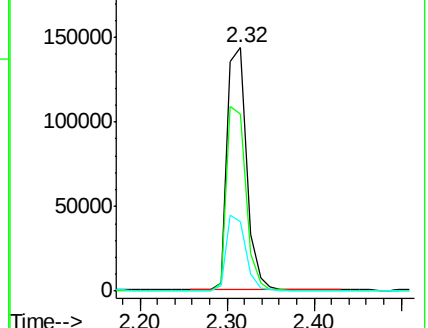
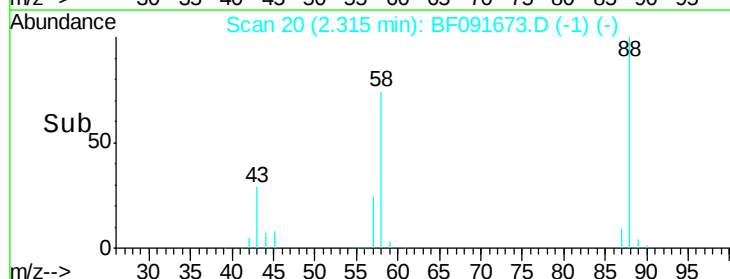
43 31.6 31.3 46.9

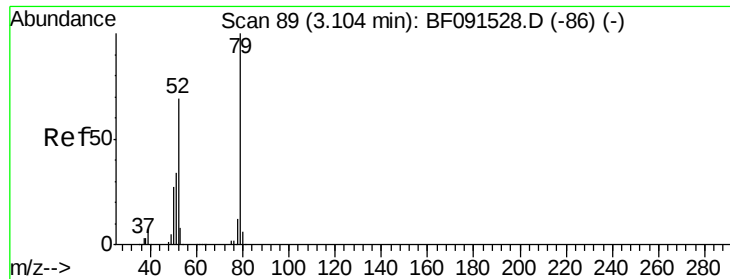


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.07 ng

RT: 3.00 min Scan# 80

Delta R.T. -0.02 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

Instrument :

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ClientSampleId :

SSTDCCC040

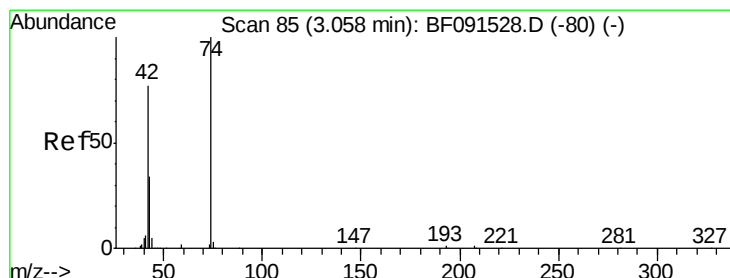
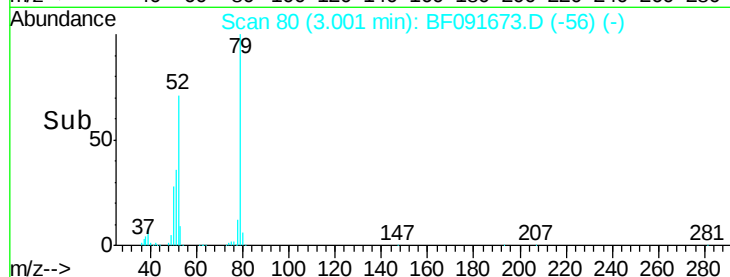
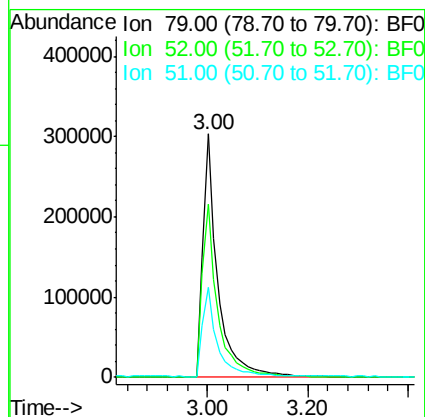
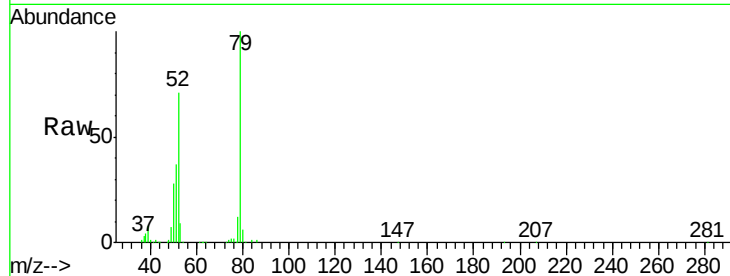
Tot Ion: 79 Resp: 630124

Ion Ratio Lower Upper

79 100

52 71.4 71.0 106.4

51 36.9 37.0 55.4#



#4

n-Nitrosodimethylamine

Concen: 43.93 ng

RT: 2.96 min Scan# 76

Delta R.T. -0.02 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

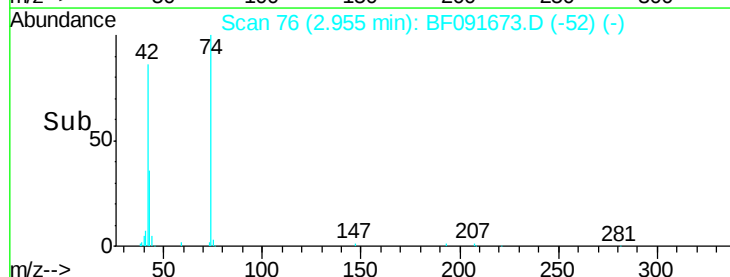
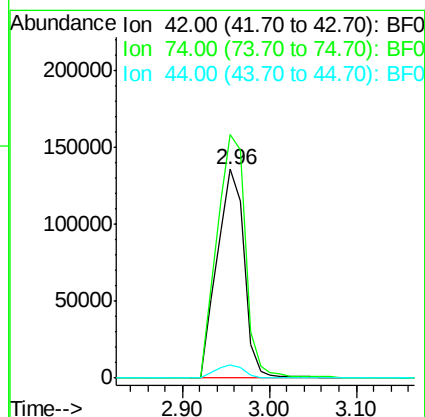
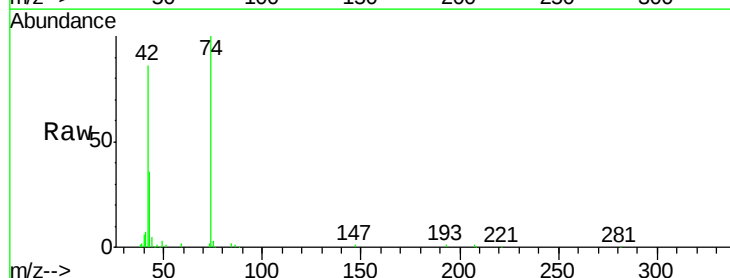
Tgt Ion: 42 Resp: 296842

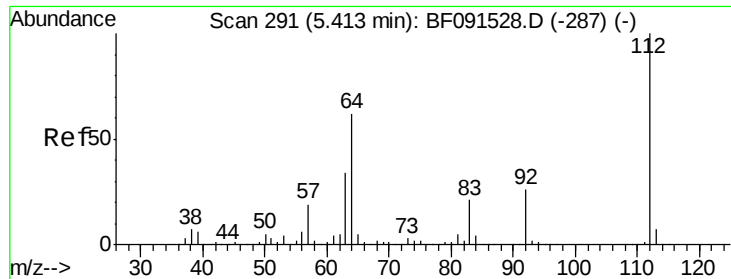
Ion Ratio Lower Upper

42 100

74 116.5 78.9 118.3

44 6.4 5.8 8.6





#5

2-Fluorophenol

Concen: 81.32 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

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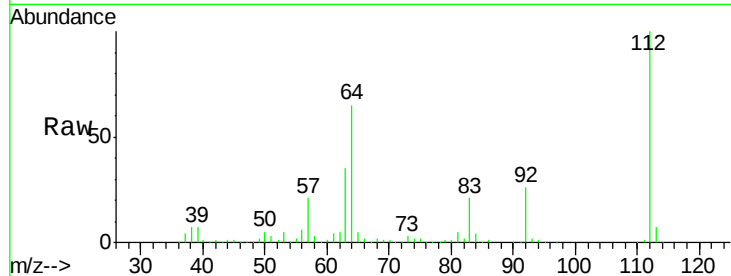
Tot Ion:112 Resp: 909481

Ion Ratio Lower Upper

112 100

64 64.8 61.5 92.3

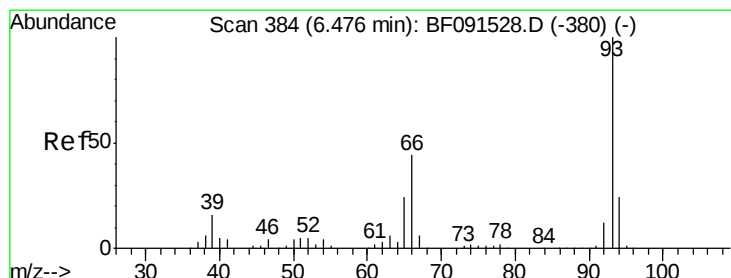
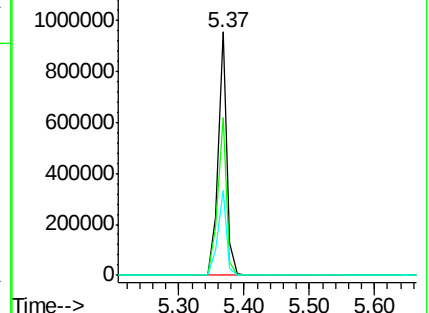
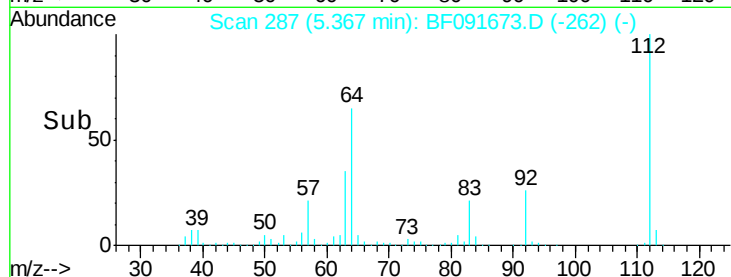
63 35.1 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.52 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

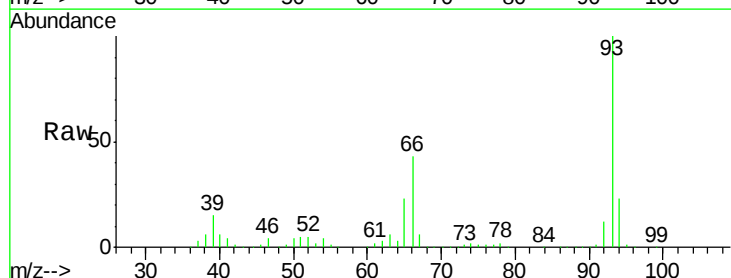
Tgt Ion: 93 Resp: 777210

Ion Ratio Lower Upper

93 100

66 43.4 55.8 83.6#

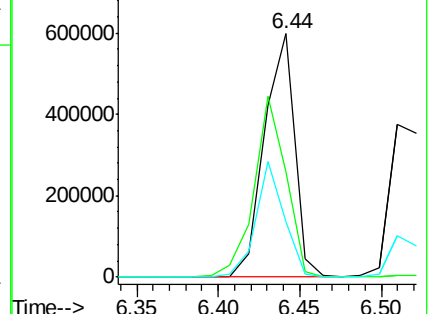
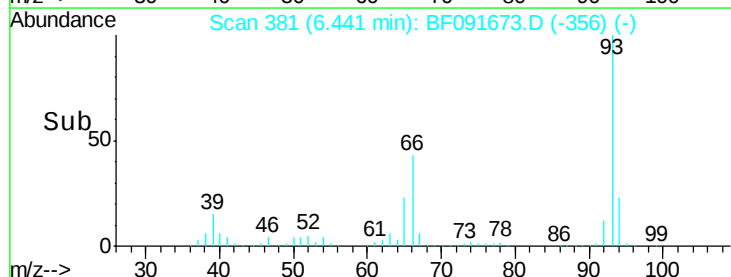
65 22.8 29.9 44.9#

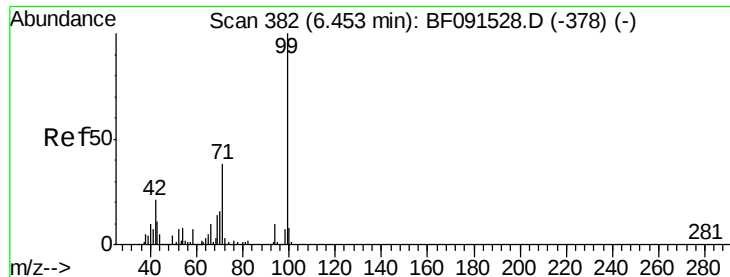


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.23 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

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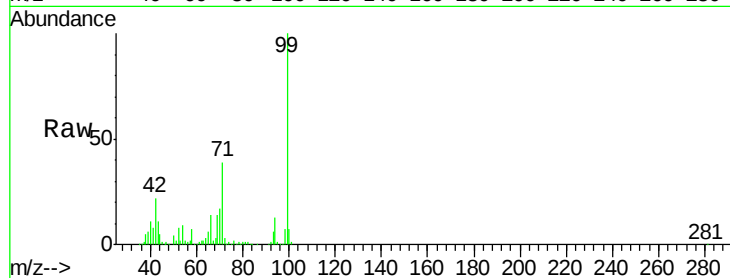
Tot Ion: 99 Resp: 1146468

Ion Ratio Lower Upper

99 100

42 21.5 20.6 31.0

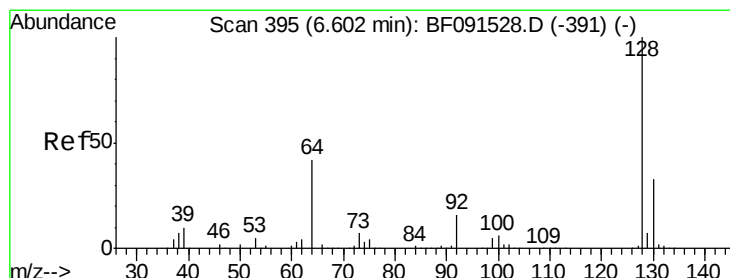
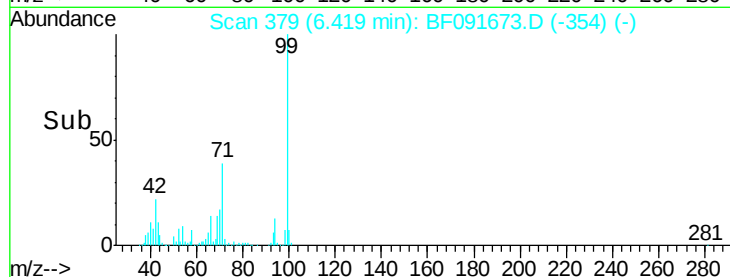
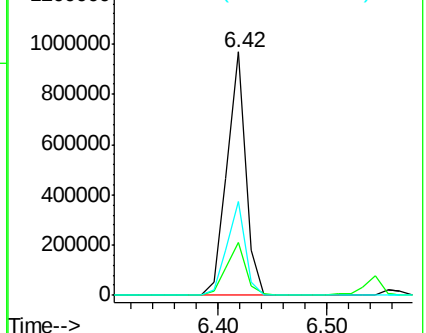
71 38.6 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.82 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

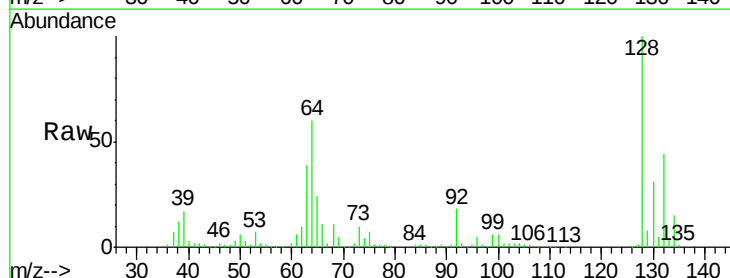
Tgt Ion: 128 Resp: 540535

Ion Ratio Lower Upper

128 100

130 31.2 13.1 53.1

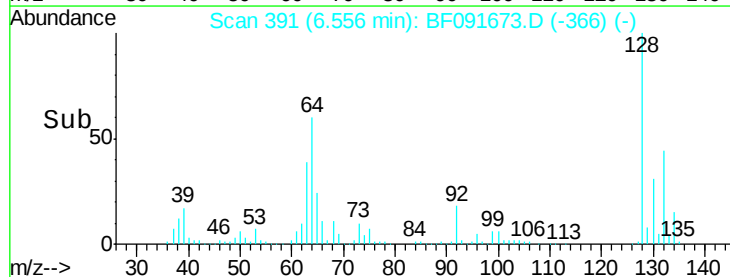
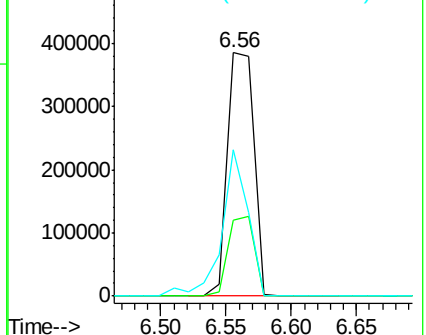
64 60.3 24.1 64.1

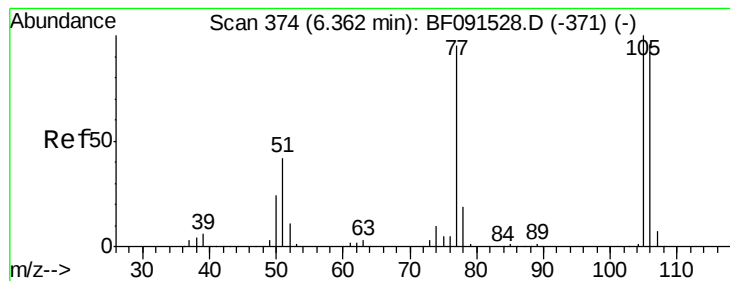


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.54 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.01 min

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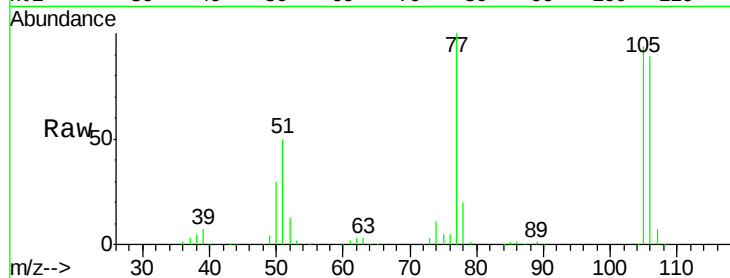
Tot Ion: 77 Resp: 350599

Ion Ratio Lower Upper

77 100

105 93.9 66.4 106.4

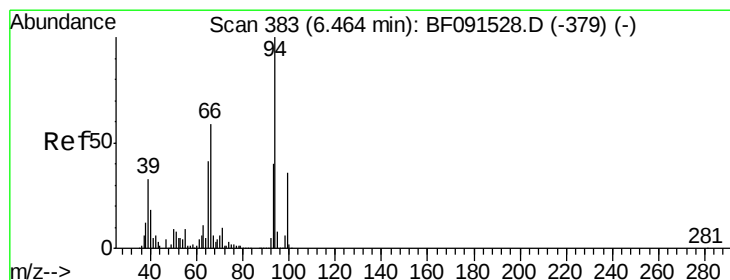
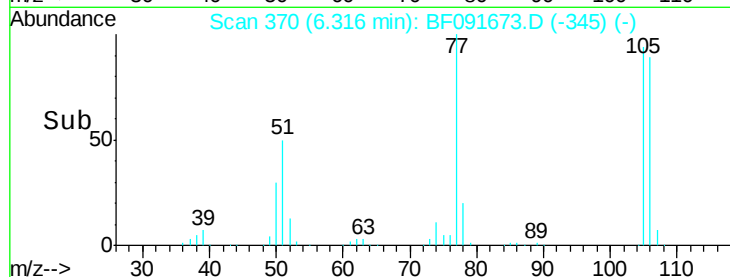
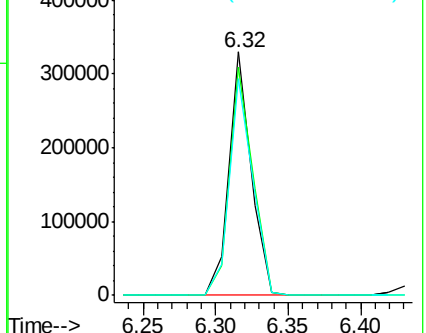
106 89.2 60.9 100.9



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: 37.81 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

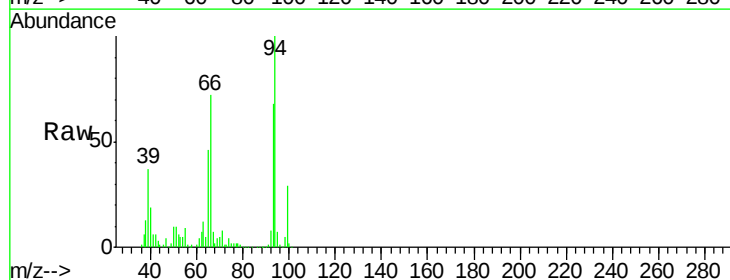
Tgt Ion: 94 Resp: 616428

Ion Ratio Lower Upper

94 100

65 45.5 16.9 56.9

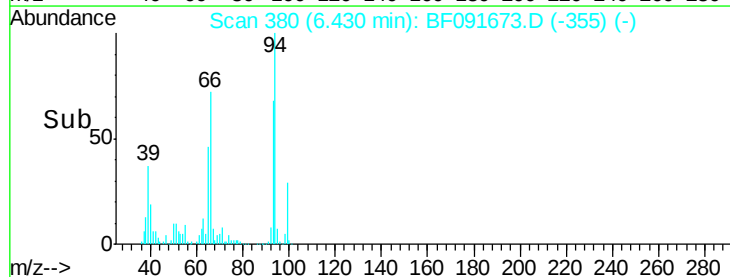
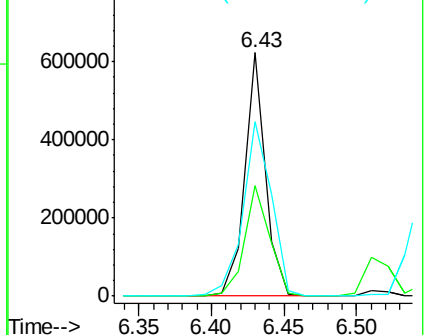
66 71.6 30.6 70.6#

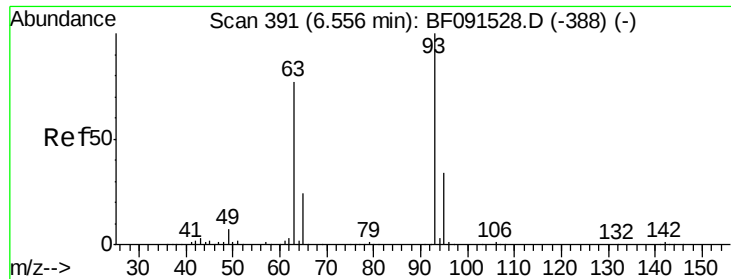


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

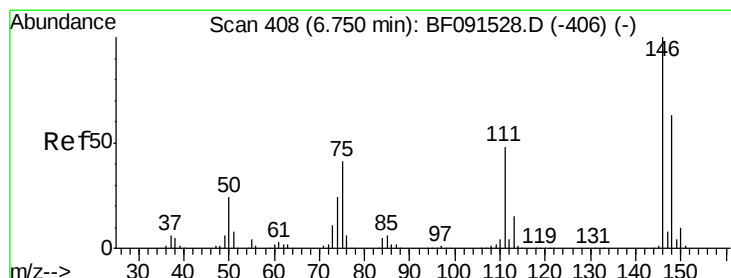
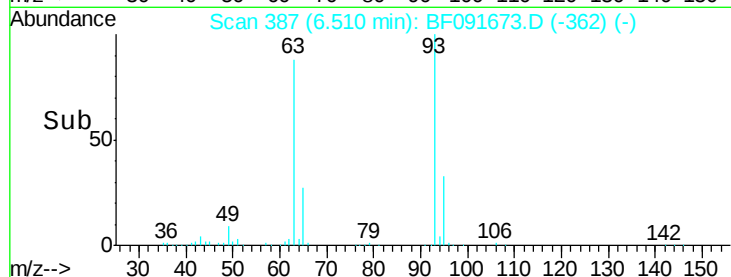
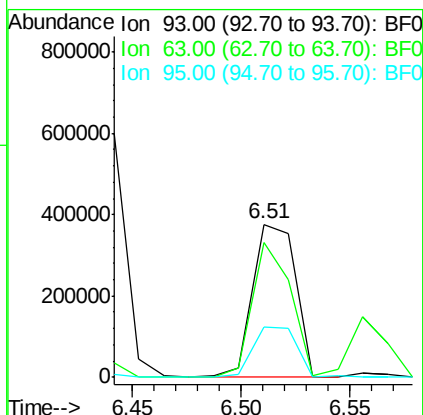
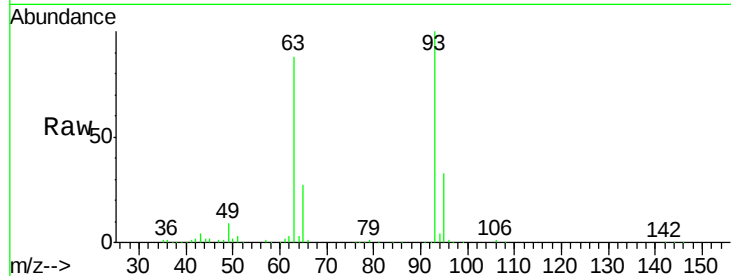




#11
bis(2-Chloroethyl)ether
Concen: 41.96 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

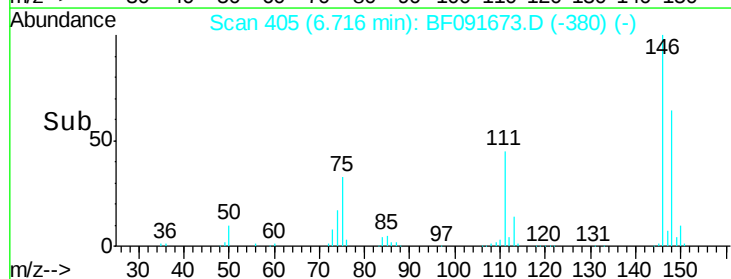
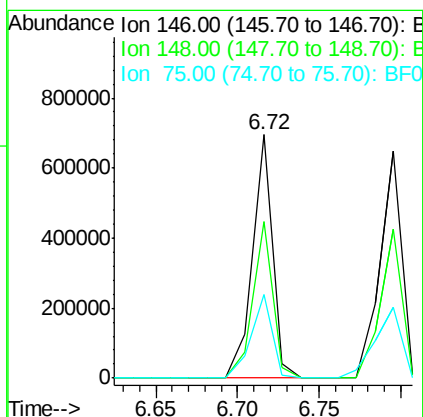
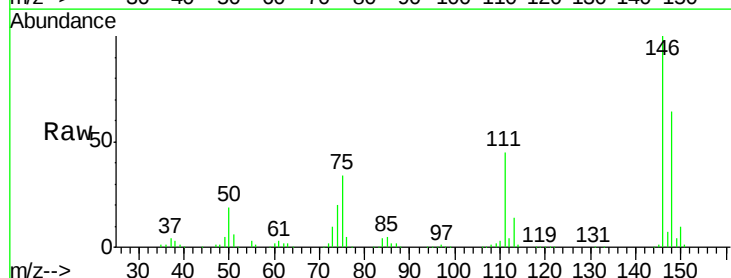
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

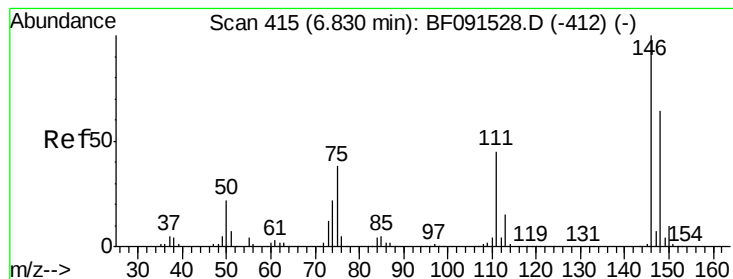
Tot Ion: 93 Resp: 513862
Ion Ratio Lower Upper
93 100
63 87.6 74.8 114.8
95 32.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 43.29 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Tgt Ion: 146 Resp: 592531
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
75 34.3 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 44.63 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

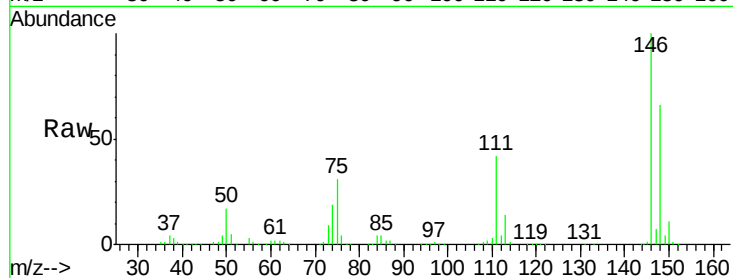
Tot Ion:146 Resp: 602642

Ion Ratio Lower Upper

146 100

148 65.7 51.4 77.0

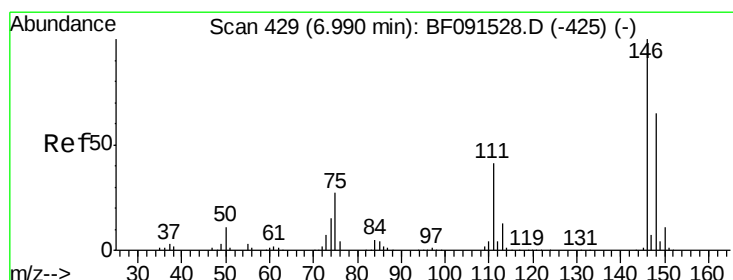
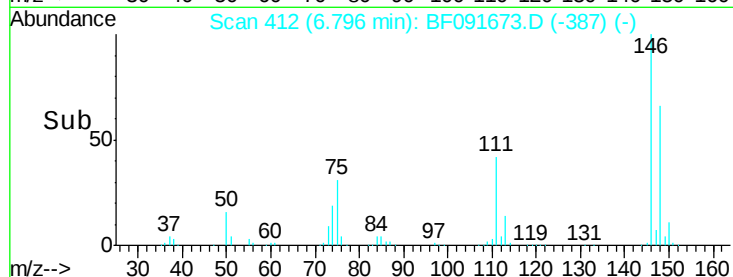
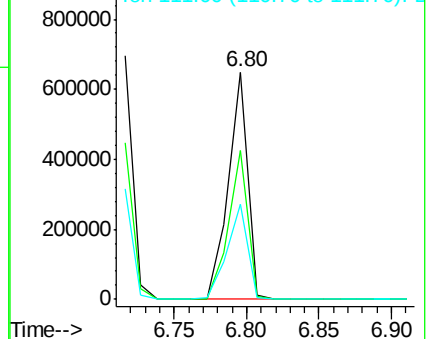
111 41.6 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.58 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

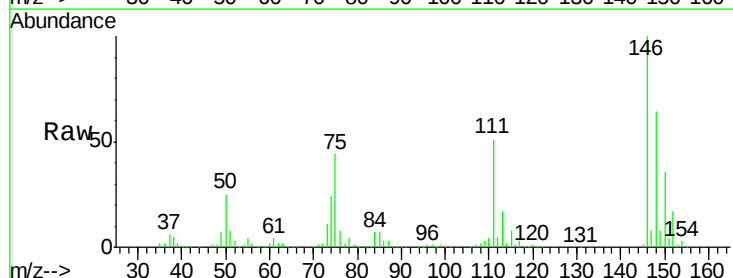
Tgt Ion:146 Resp: 493707

Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

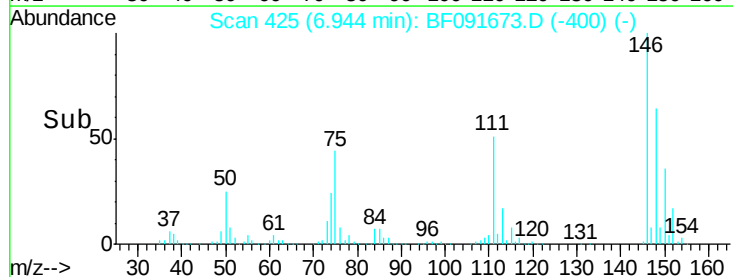
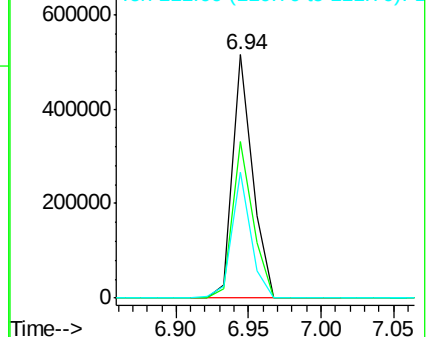
111 51.4 38.9 58.3

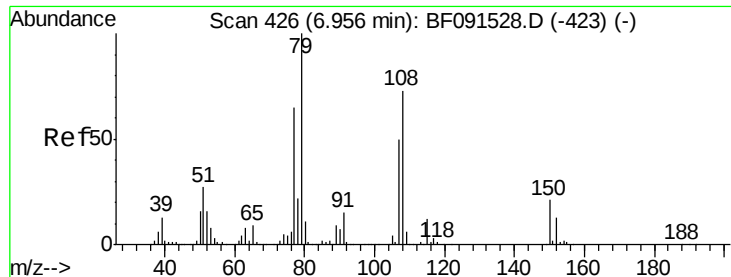


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.43 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

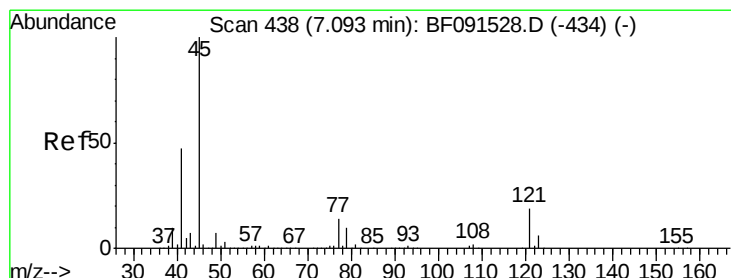
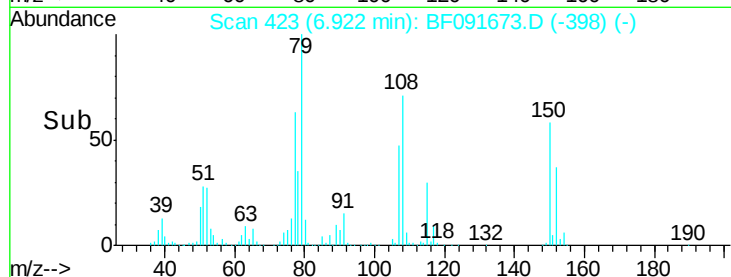
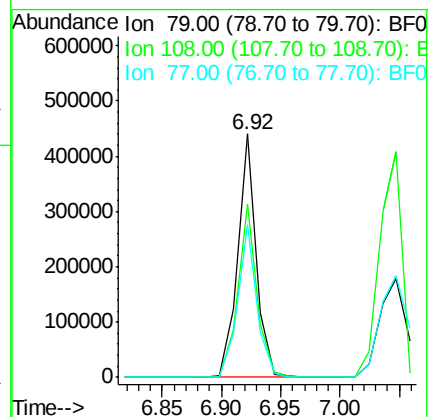
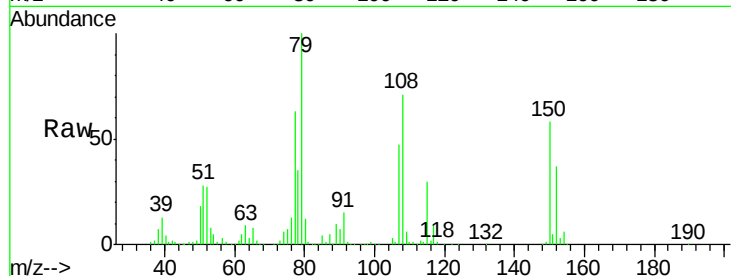
Tot Ion: 79 Resp: 478083

Ion Ratio Lower Upper

79 100

108 71.1 62.7 94.1

77 63.0 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.62 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

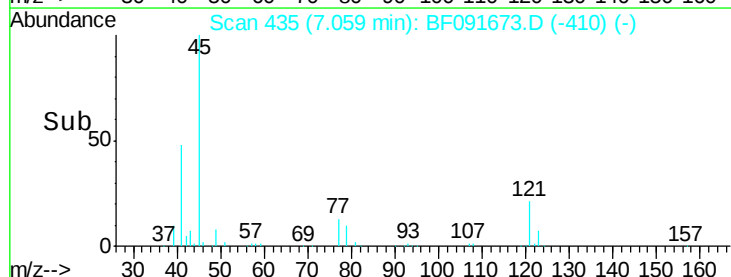
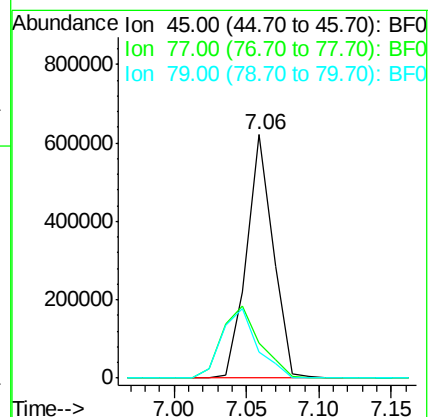
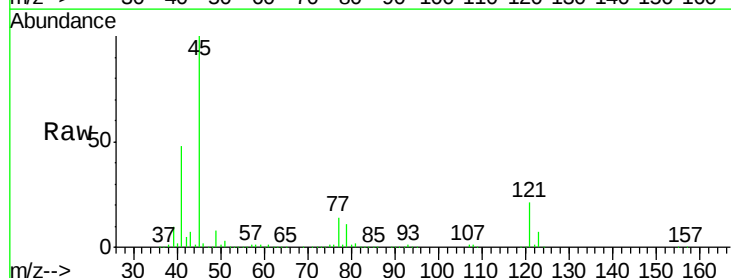
Tgt Ion: 45 Resp: 789877

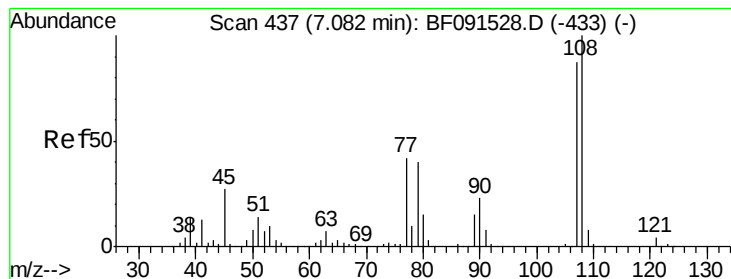
Ion Ratio Lower Upper

45 100

77 14.1 3.8 43.8

79 10.7 0.2 40.2

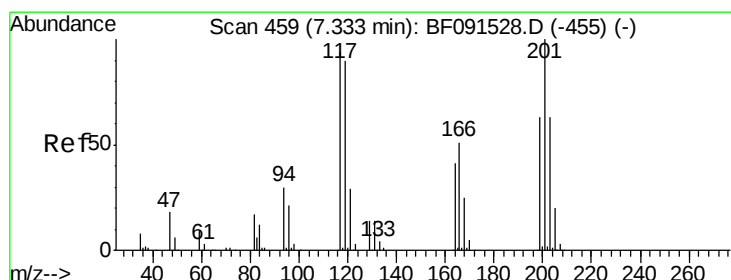
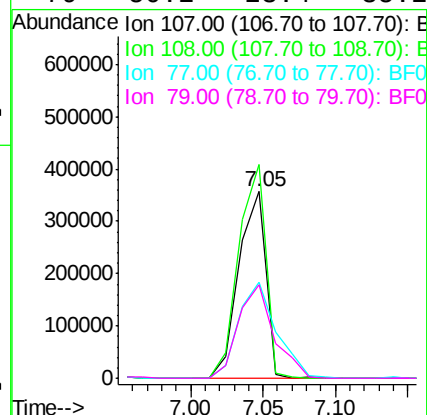
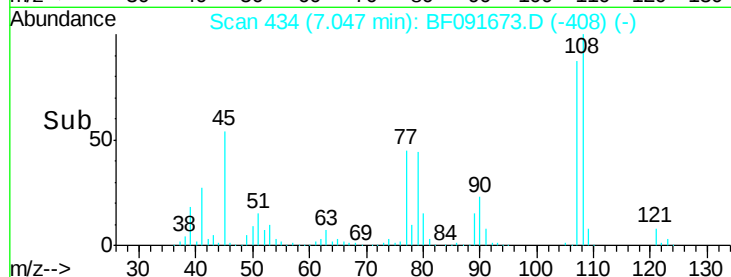
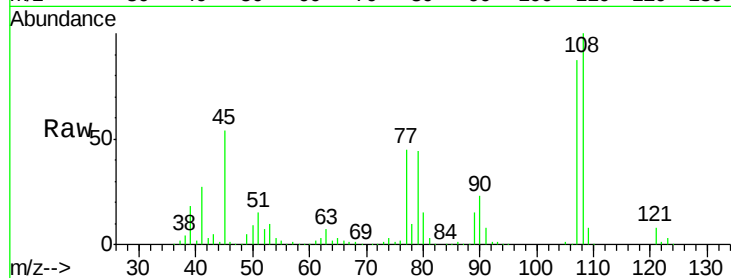




#17
2-Methylphenol
Concen: 44.40 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

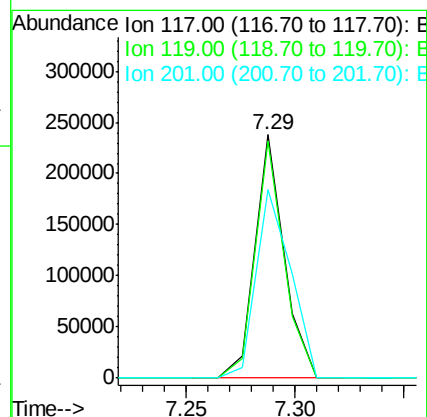
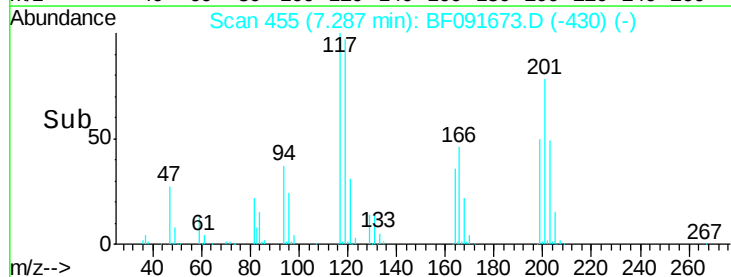
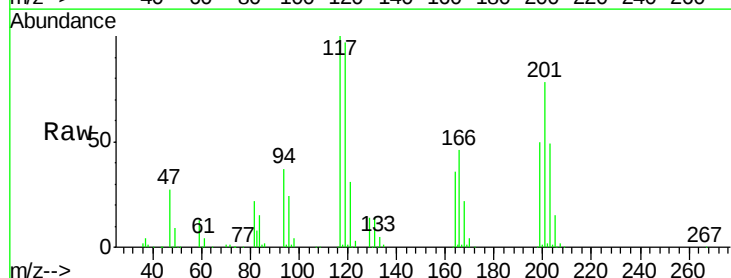
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

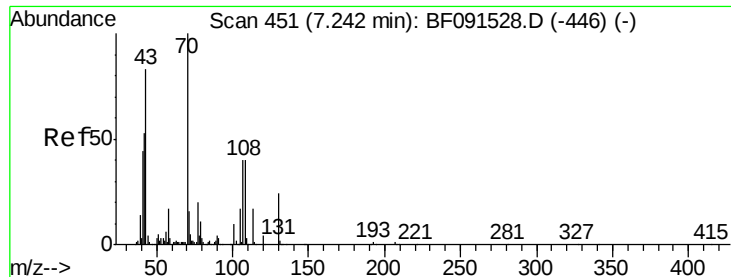
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	67.7	101.5#
77	51.7	40.7	61.1
79	50.2	23.4	35.2#



#18
Hexachloroethane
Concen: 41.91 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	78.6	118.0
201	77.7	86.7	130.1#

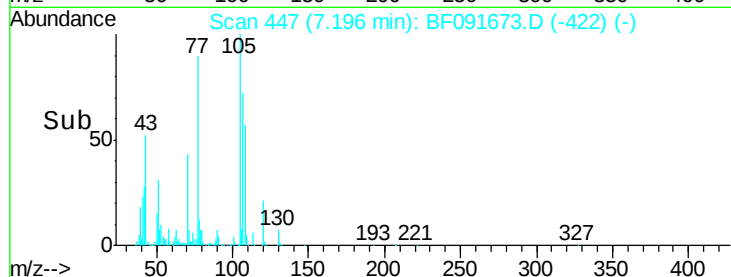
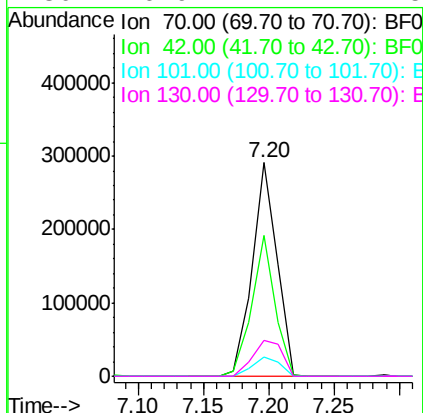
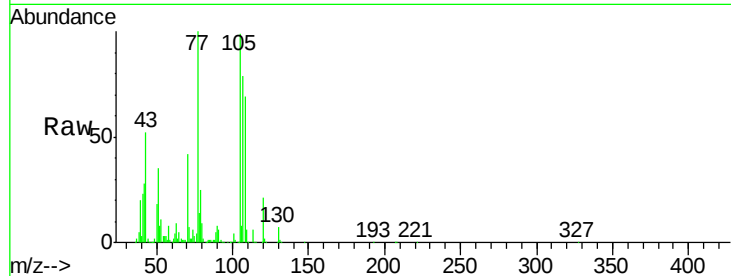




#19
 n-Nitroso-di-n-propylamine
 Concen: 44.08 ng
 RT: 7.20 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF091673.D
 Acq: 16 Dec 2016 15:26

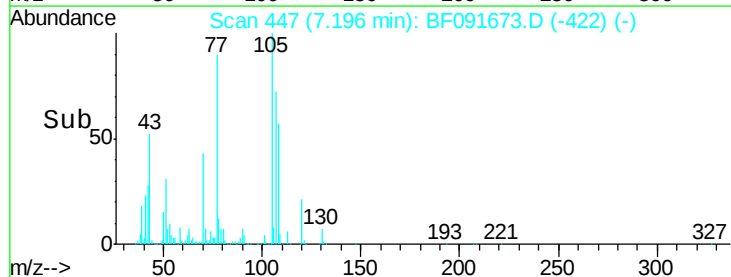
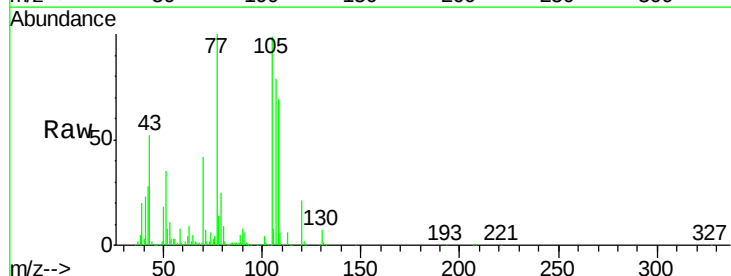
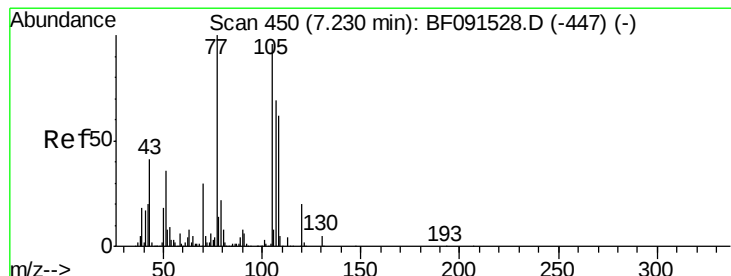
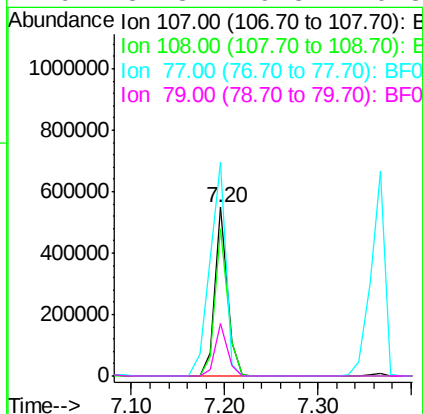
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

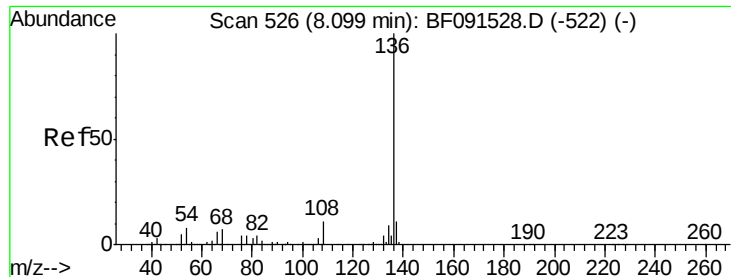
Tot Ion: 70 Resp: 384342
 Ion Ratio Lower Upper
 70 100
 42 65.9 64.8 97.2
 101 9.0 6.2 9.4
 130 16.9 11.7 17.5



#20
 3+4-Methylphenols
 Concen: 45.35 ng
 RT: 7.20 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF091673.D
 Acq: 16 Dec 2016 15:26

Tgt Ion: 107 Resp: 511310
 Ion Ratio Lower Upper
 107 100
 108 87.4 64.6 104.6
 77 126.9 30.9 70.9#
 79 31.3 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 818470

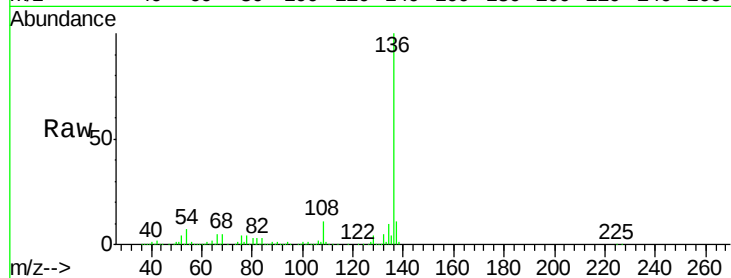
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.0 9.1 13.7#

68 5.1 5.9 8.9#

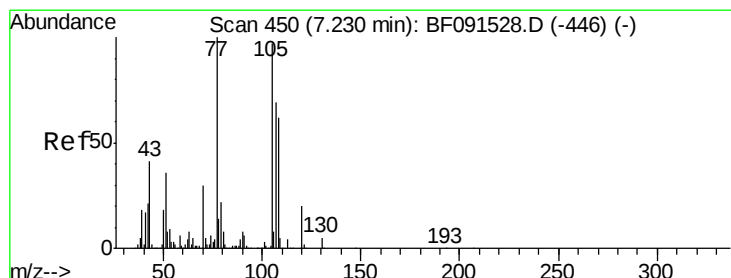
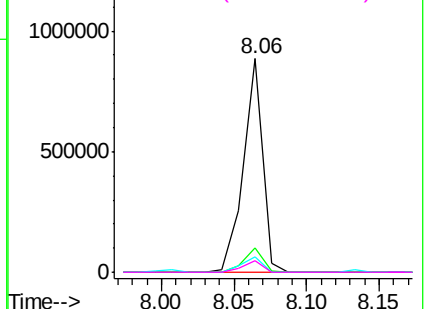
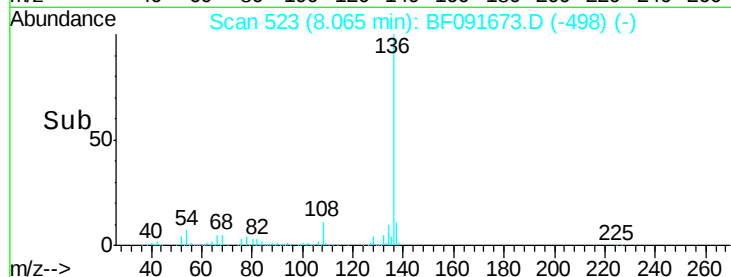


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.44 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

Tgt Ion:105 Resp: 832213

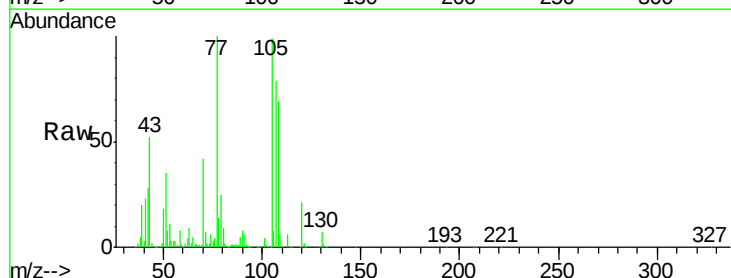
Ion Ratio Lower Upper

105 100

71 7.4 7.9 11.9#

51 36.0 24.5 36.7

120 21.4 16.6 24.8

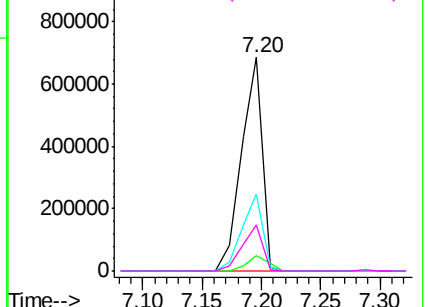
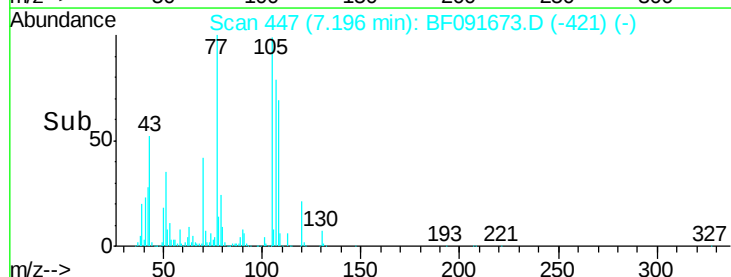


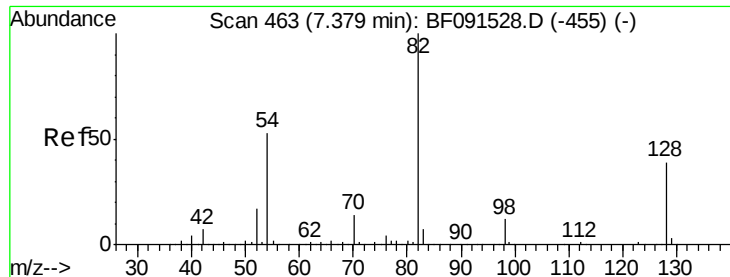
Abundance Ion 105.00 (104.70 to 105.70): E

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



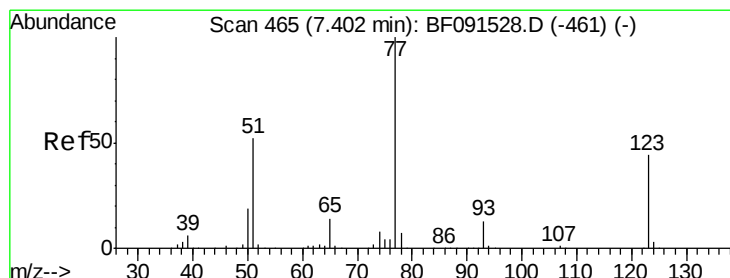
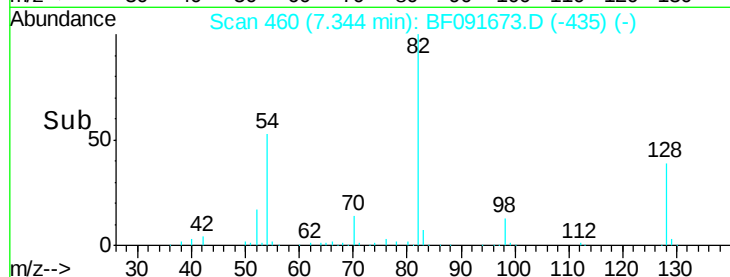
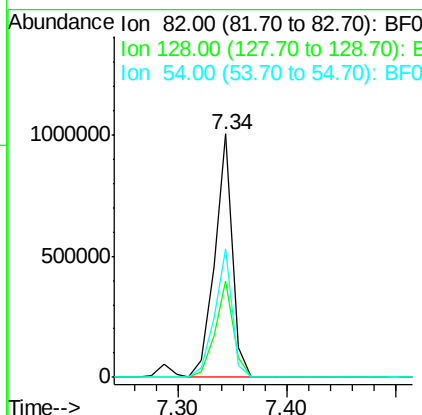
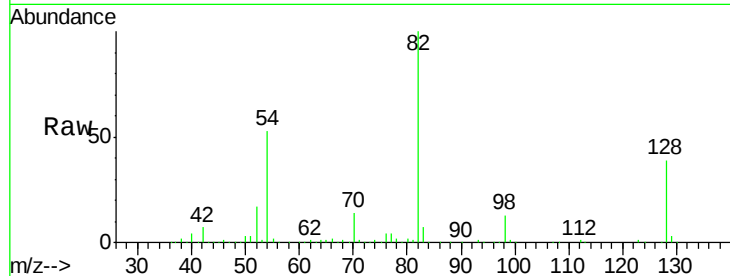


#23
 Nitrobenzene-d5
 Concen: 77.60 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF091673.D
 Acq: 16 Dec 2016 15:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1138019

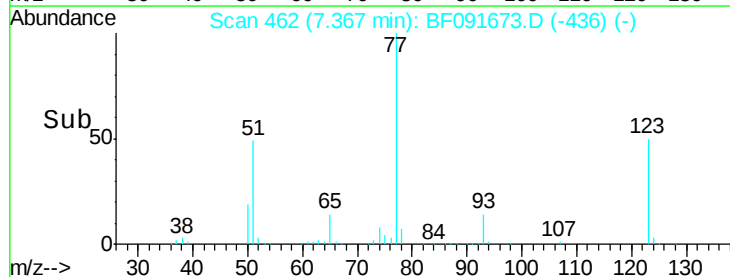
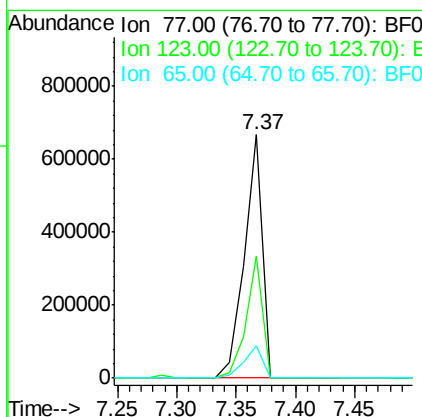
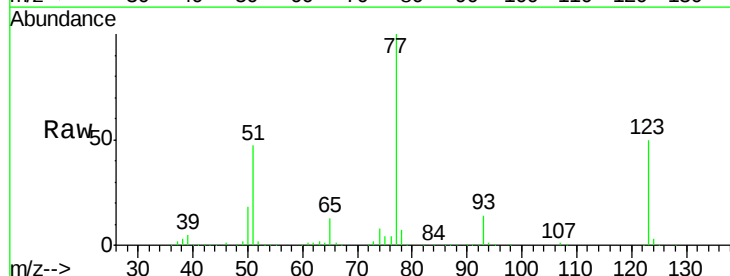
Ion	Ratio	Lower	Upper
82	100		
128	39.4	31.8	47.6
54	52.9	49.1	73.7

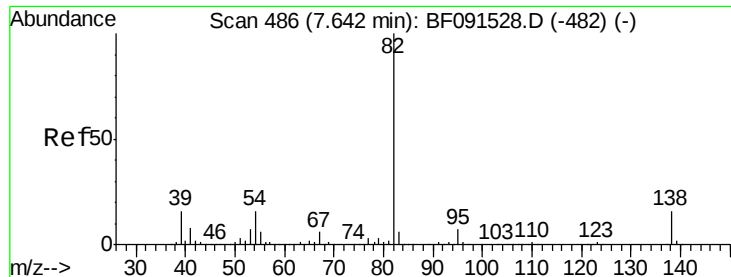


#24
 Nitrobenzene
 Concen: 45.41 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF091673.D
 Acq: 16 Dec 2016 15:26

Tgt Ion: 77 Resp: 703649

Ion	Ratio	Lower	Upper
77	100		
123	50.1	28.5	42.7#
65	13.5	12.5	18.7





#25

Isophorone

Concen: 42.24 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

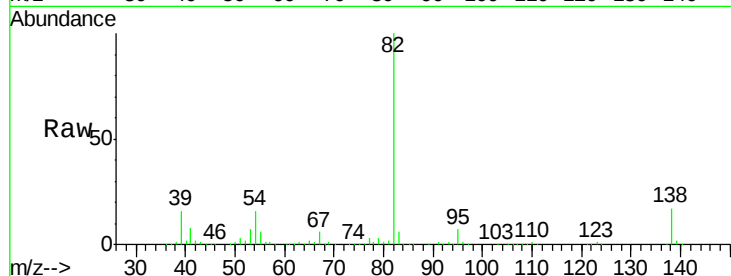
Tot Ion: 82 Resp: 1101061

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

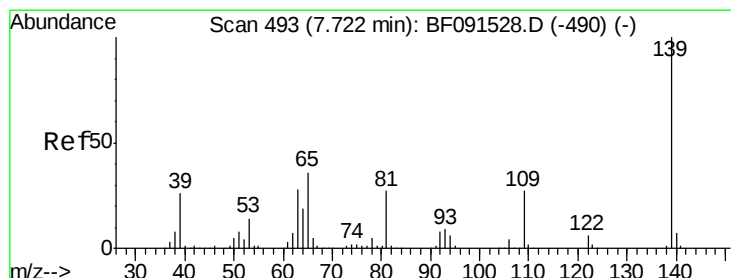
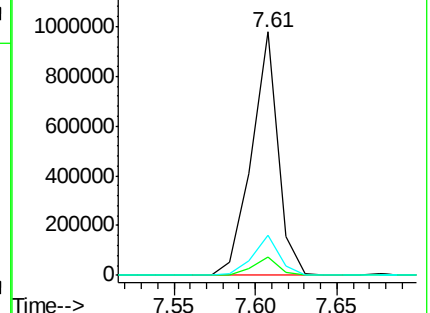
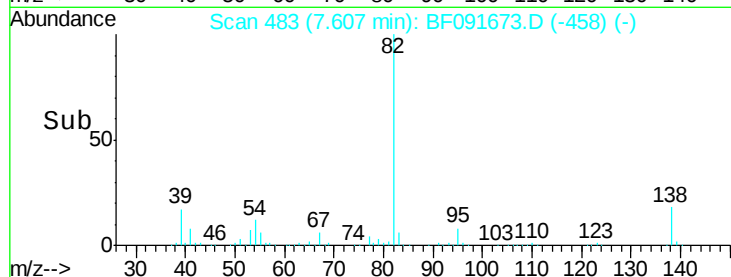
138 16.6 13.4 20.0



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: 40.08 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

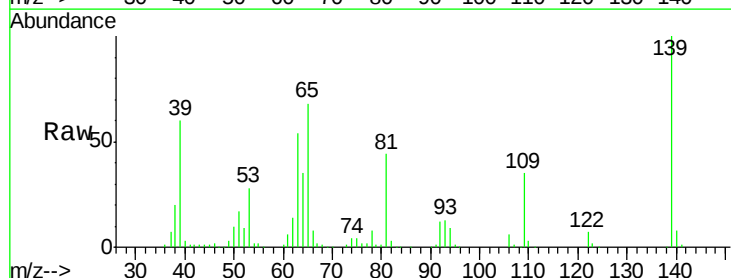
Tgt Ion: 139 Resp: 274077

Ion Ratio Lower Upper

139 100

109 34.8 25.3 37.9

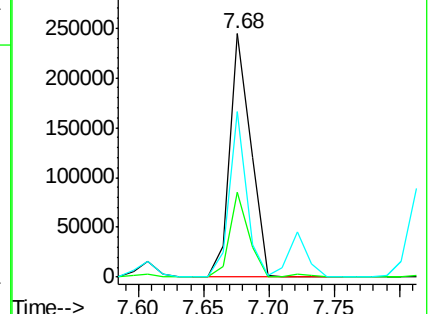
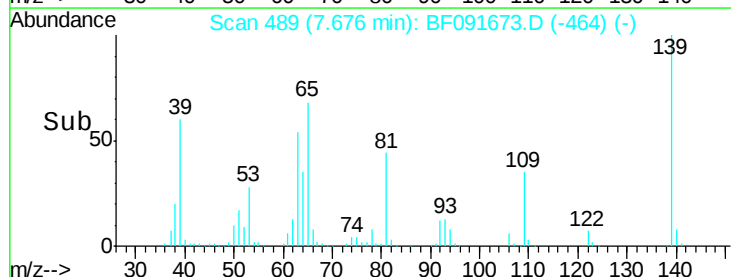
65 67.9 55.4 83.2

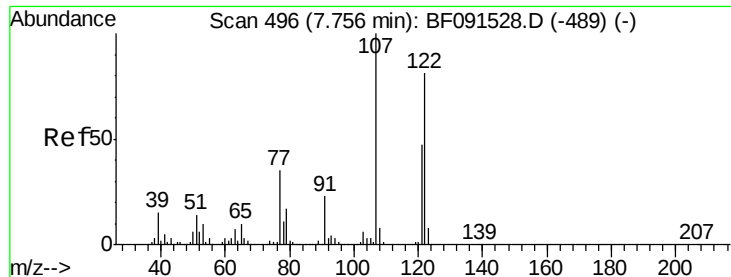


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.94 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

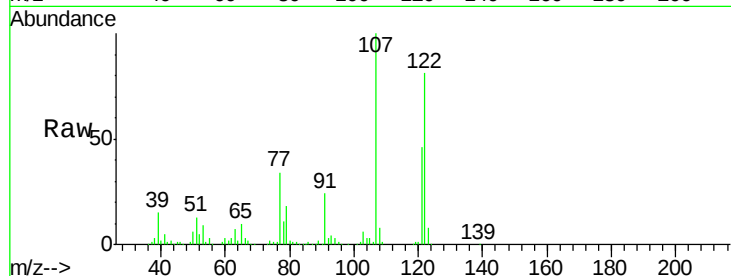
Tot Ion:122 Resp: 455704

Ion Ratio Lower Upper

122 100

107 124.2 96.8 145.2

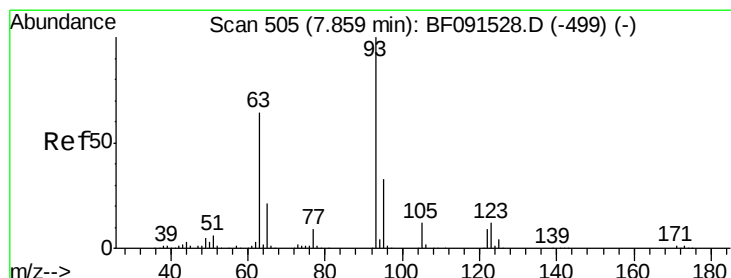
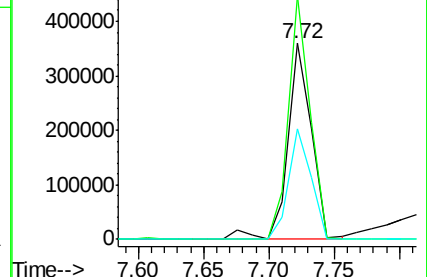
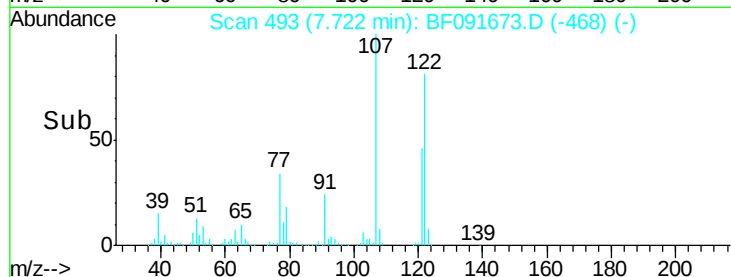
121 56.6 47.7 71.5



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: 40.61 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

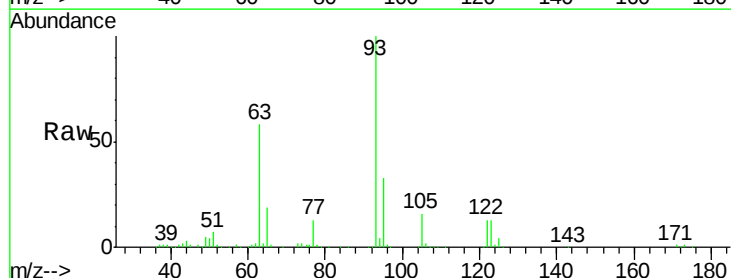
Tgt Ion: 93 Resp: 621023

Ion Ratio Lower Upper

93 100

95 33.2 26.0 39.0

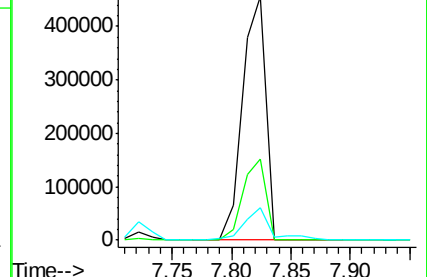
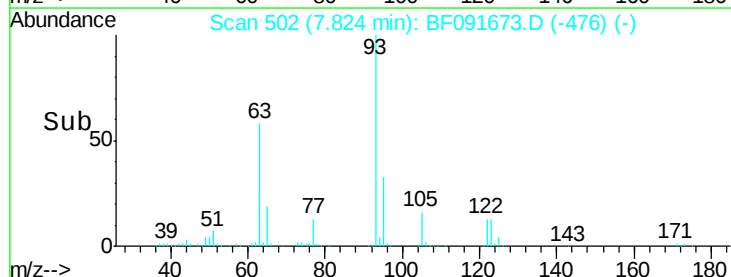
123 13.5 8.6 12.8#

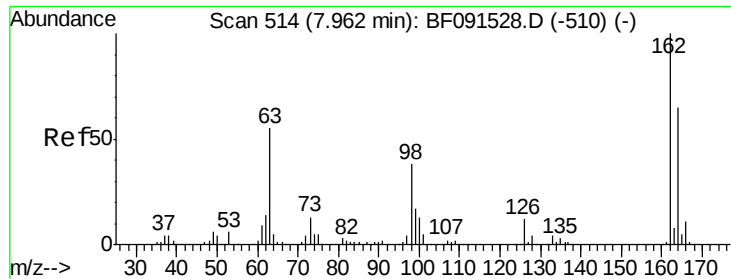


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

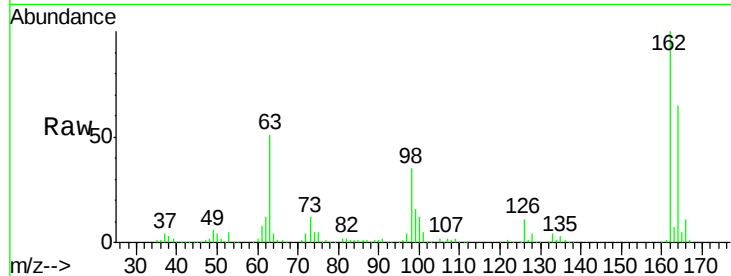




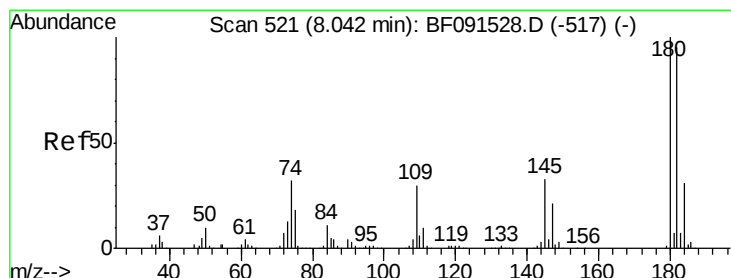
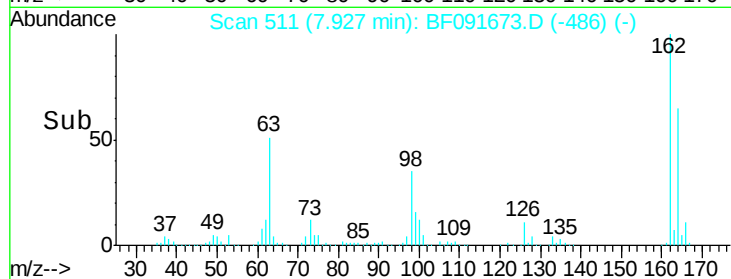
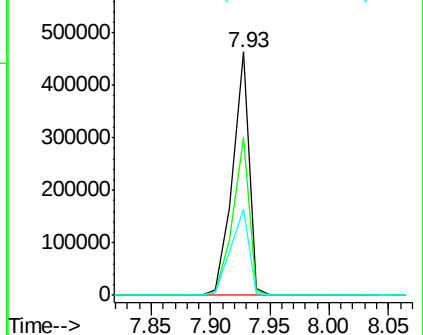
#29
 2,4-Dichlorophenol
 Concen: 43.17 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF091673.D
 Acq: 16 Dec 2016 15:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 451090
 Ion Ratio Lower Upper
 162 100
 164 64.9 45.0 85.0
 98 35.4 21.3 61.3

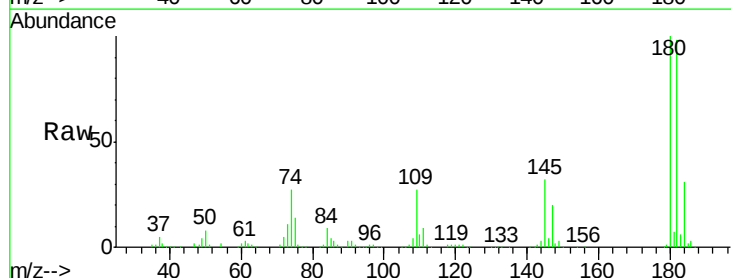


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

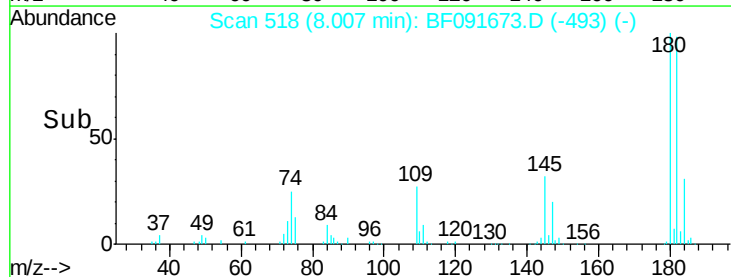
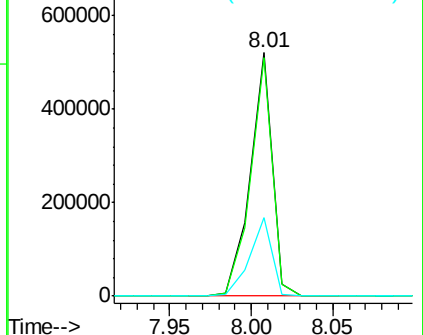


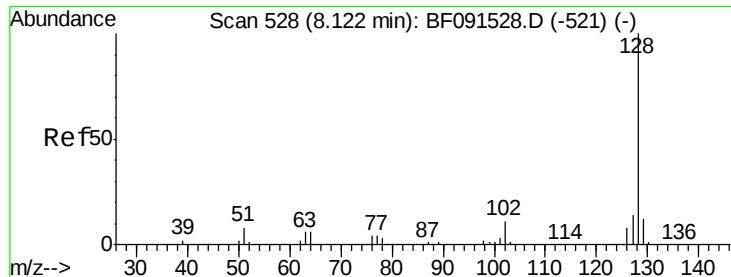
#30
 1,2,4-Trichlorobenzene
 Concen: 41.11 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF091673.D
 Acq: 16 Dec 2016 15:26

Tgt Ion:180 Resp: 488219
 Ion Ratio Lower Upper
 180 100
 182 98.1 75.8 113.8
 145 32.1 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

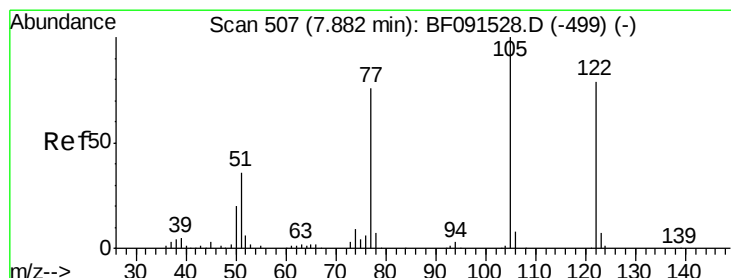
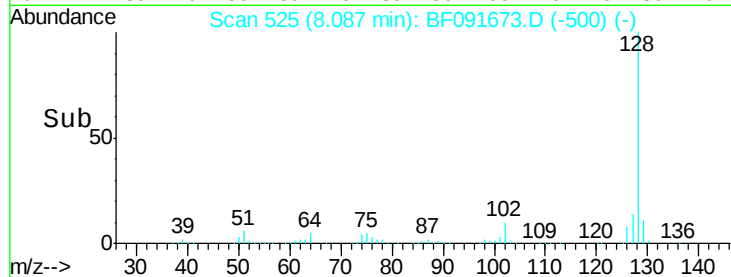
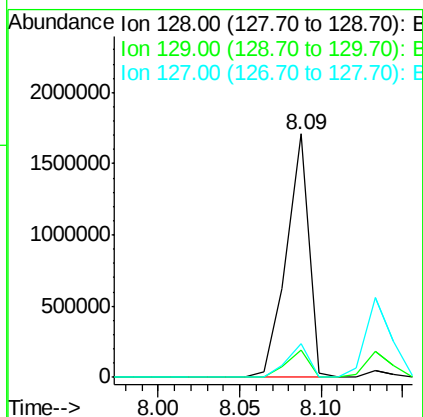
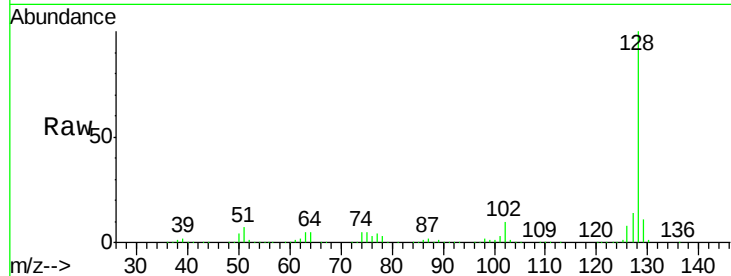




#31
Naphthalene
Concen: 43.13 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

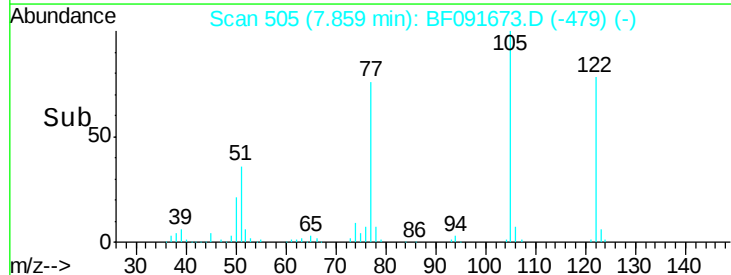
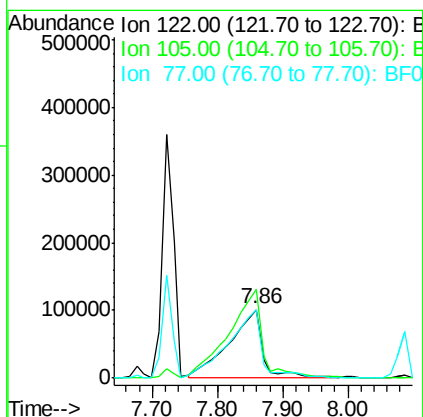
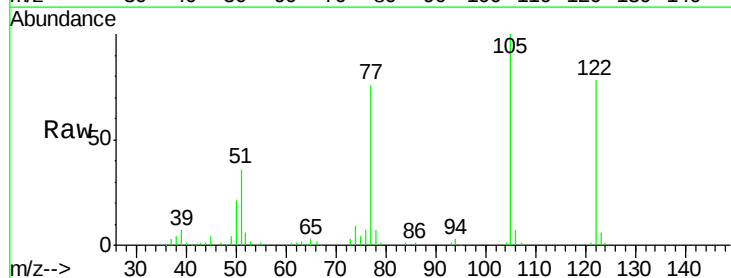
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

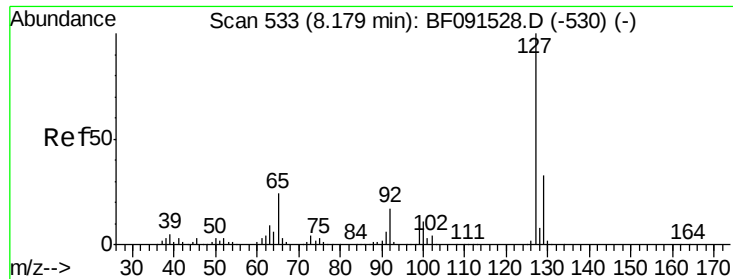
Tot Ion:128 Resp: 1642376
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.6 11.0 16.4



#32
Benzoic acid
Concen: 41.78 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Tgt Ion:122 Resp: 353970
Ion Ratio Lower Upper
122 100
105 128.7 113.0 153.0
77 98.5 82.0 122.0

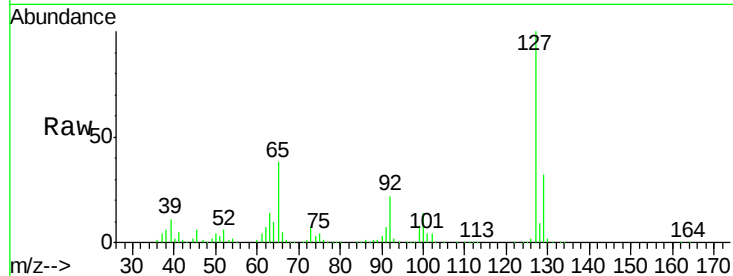




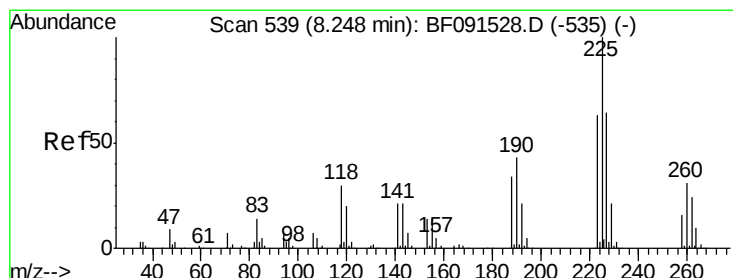
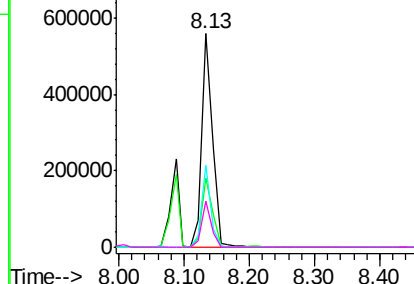
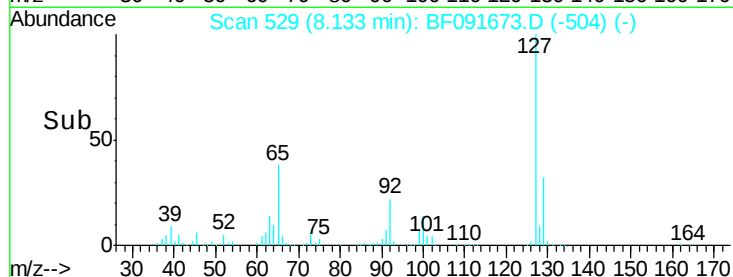
#33
4-Chloroaniline
Concen: 37.96 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	622820
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	38.4	26.6	39.8
92	21.8	15.4	23.0

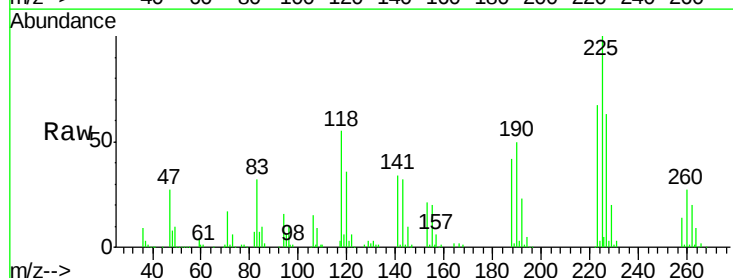


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

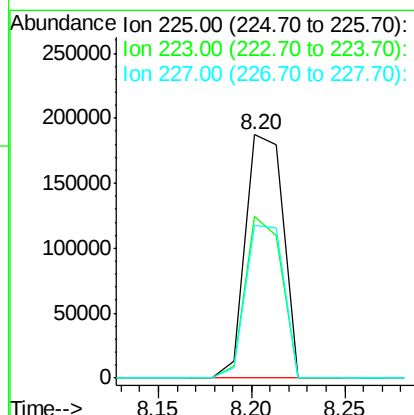
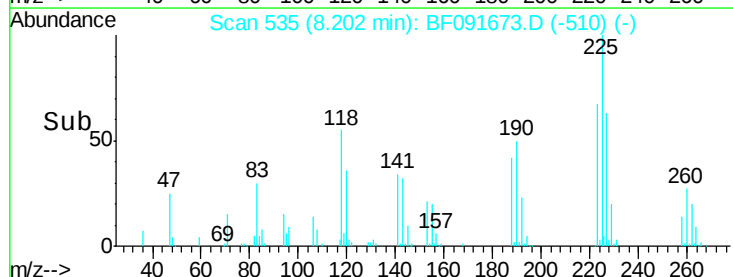


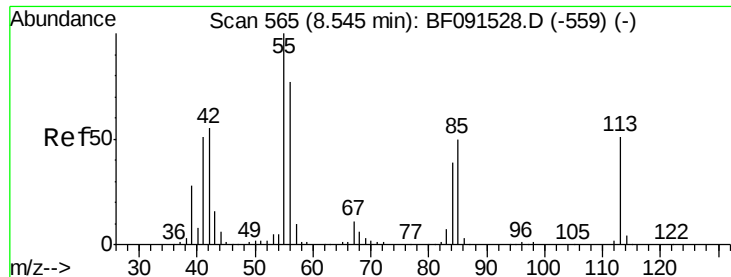
#34
Hexachlorobutadiene
Concen: 38.31 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Tgt Ion:	225	Resp:	260796
Ion	Ratio	Lower	Upper
225	100		
223	66.6	49.8	74.6
227	62.9	52.6	79.0



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





#35

Caprolactam

Concen: 48.31 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

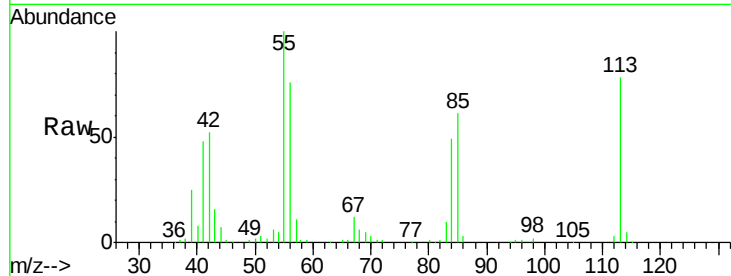
Tot Ion:113 Resp: 147442

Ion Ratio Lower Upper

113 100

55 128.7 239.8 279.8#

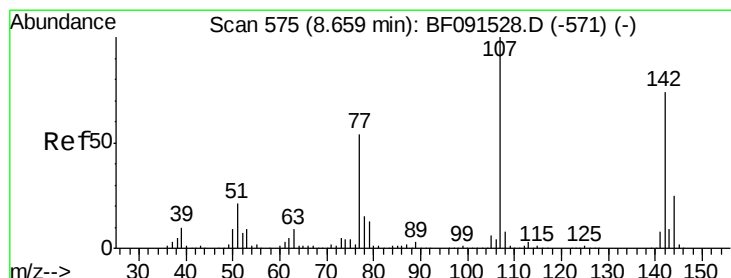
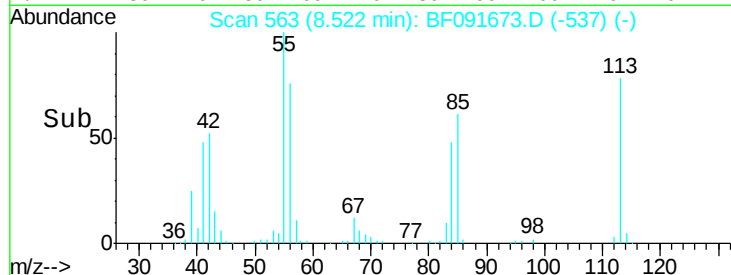
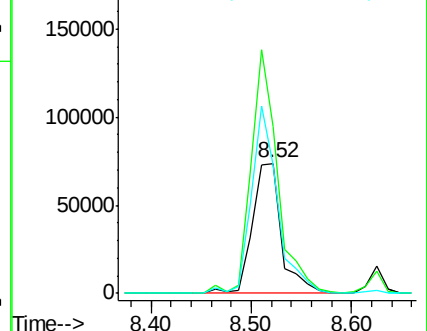
56 98.5 165.6 205.6#



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: 42.21 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

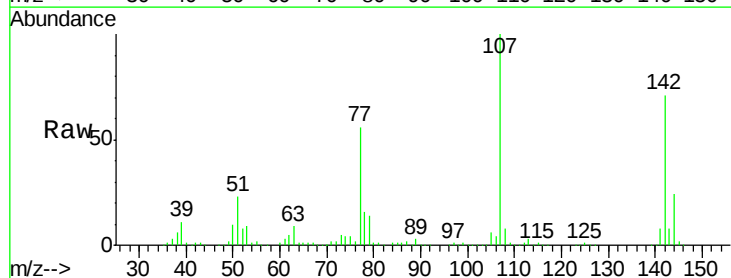
Tgt Ion:107 Resp: 494729

Ion Ratio Lower Upper

107 100

144 23.7 18.9 28.3

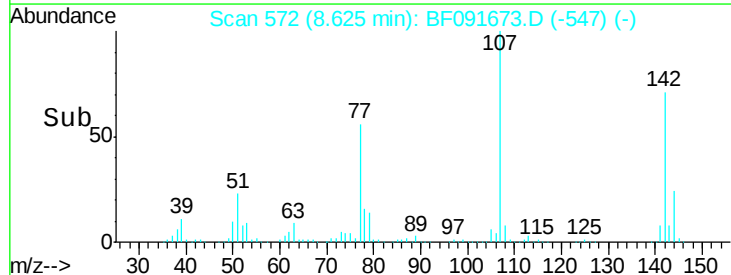
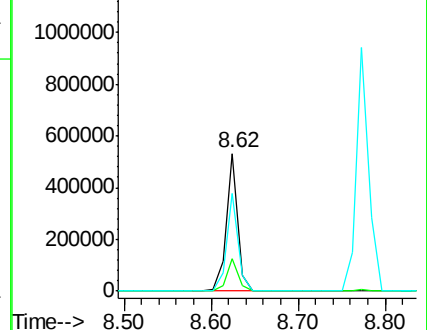
142 71.3 58.5 87.7

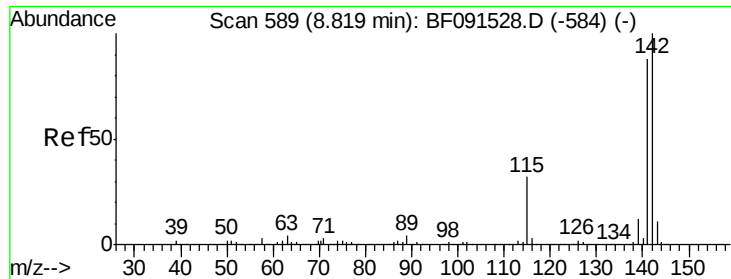


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

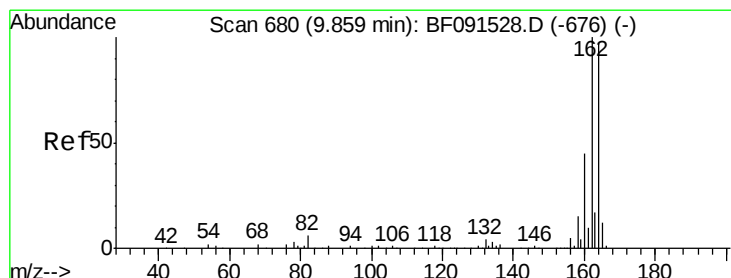
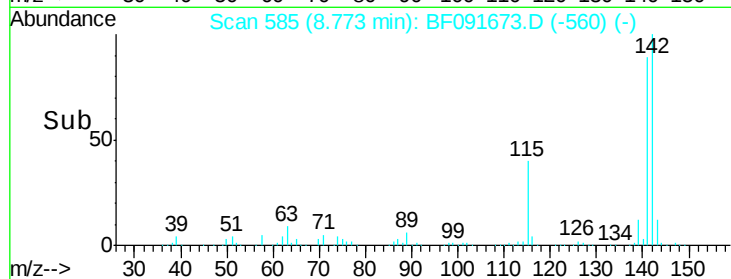
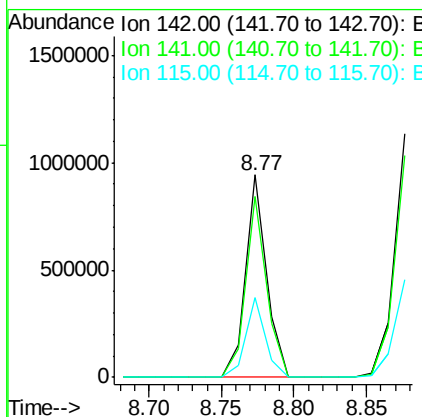
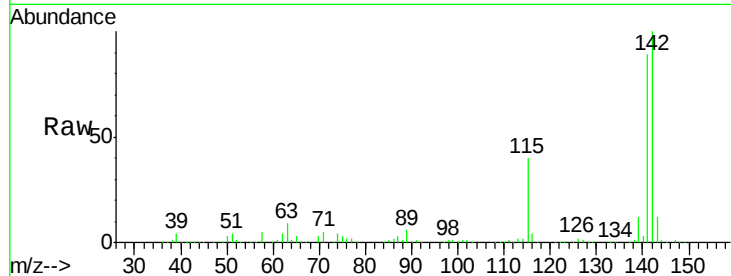




#37
2-Methylnaphthalene
Concen: 38.44 ng
RT: 8.77 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

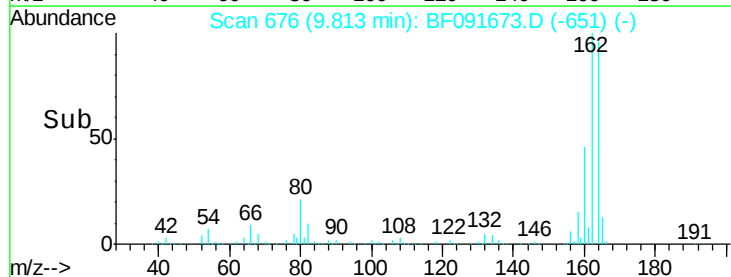
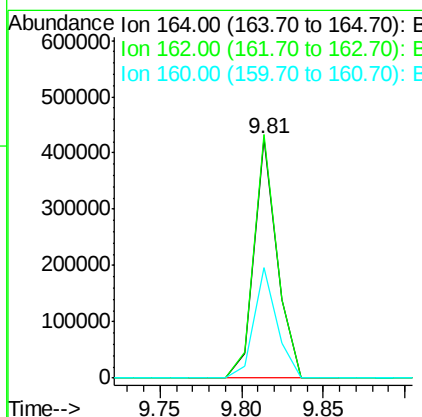
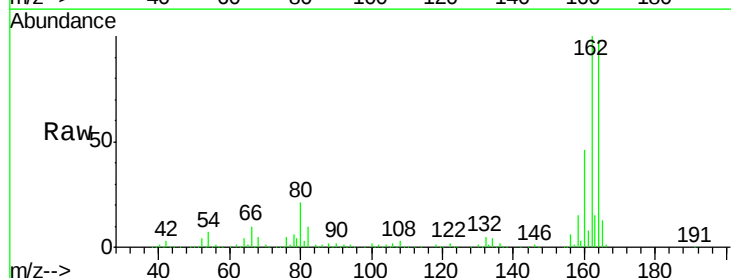
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

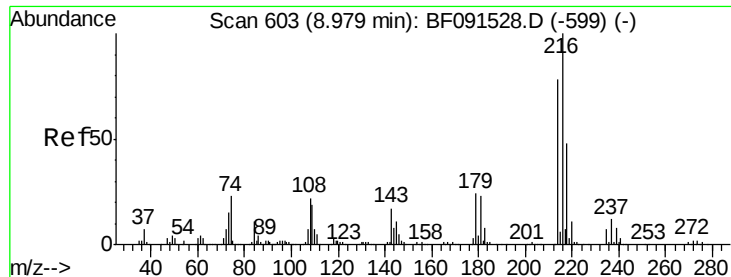
Tot Ion:142 Resp: 947469
Ion Ratio Lower Upper
142 100
141 89.2 71.7 107.5
115 39.6 25.0 37.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Tgt Ion:164 Resp: 418335
Ion Ratio Lower Upper
164 100
162 101.8 82.6 124.0
160 46.3 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.33 ng

RT: 8.94 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 462690

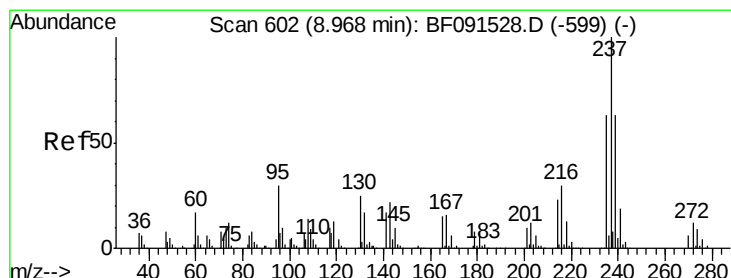
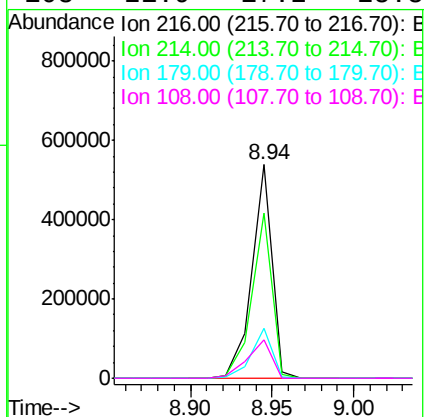
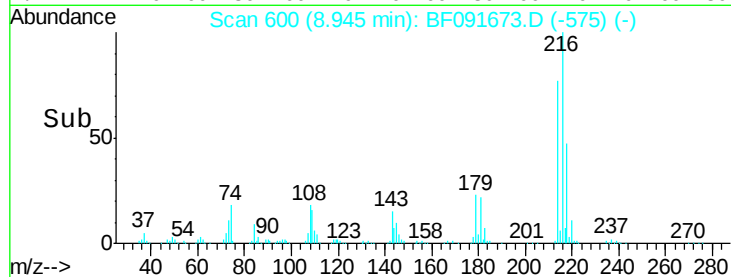
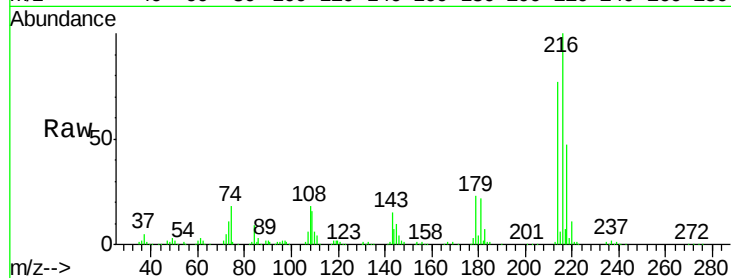
Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.8	95.8
179	23.6	18.2	27.2
108	21.9	17.2	25.8

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: 38.42 ng

RT: 8.93 min Scan# 599

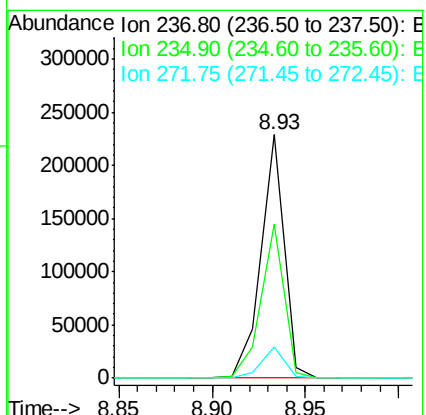
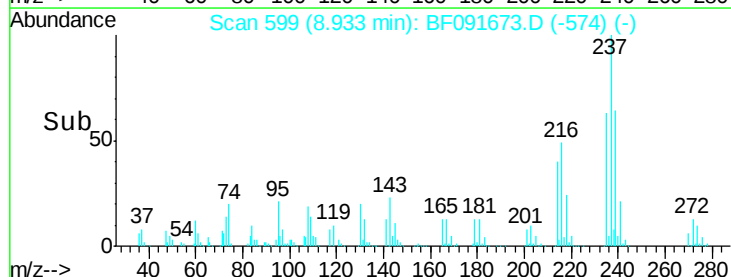
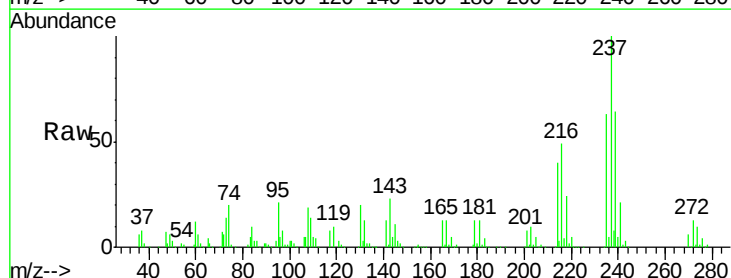
Delta R.T. -0.01 min

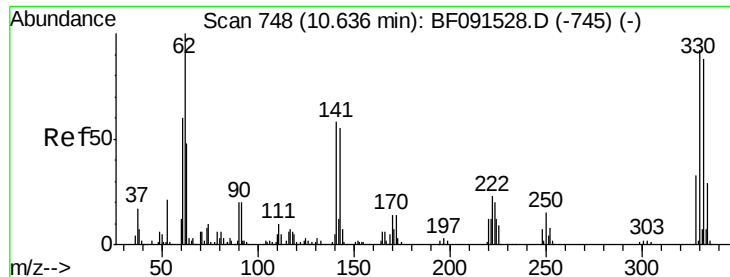
Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

Tgt Ion:237 Resp: 196554

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.9	83.9
272	12.8	0.0	33.1

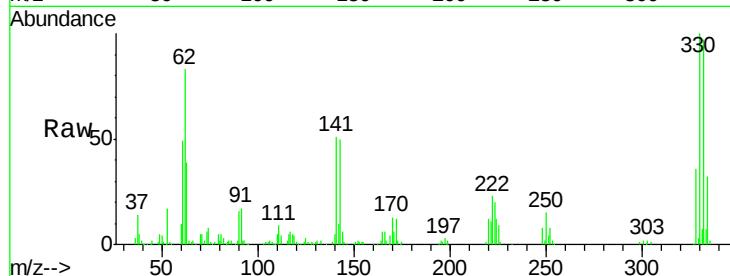




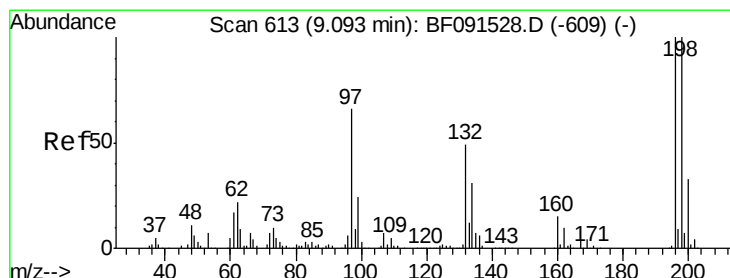
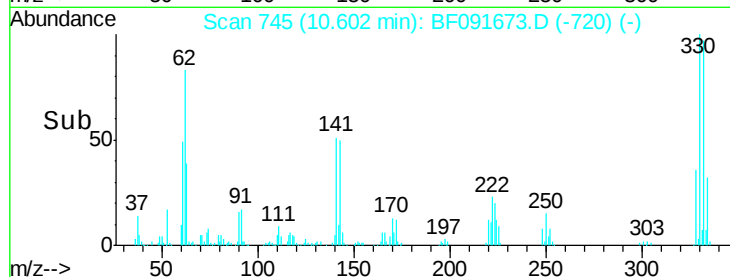
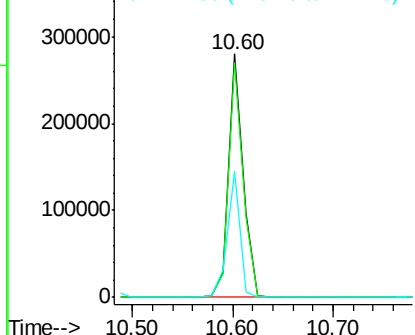
#41
2,4,6-Tribromophenol
Concen: 81.26 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:330 Resp: 282337
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 44.8 33.6 50.4

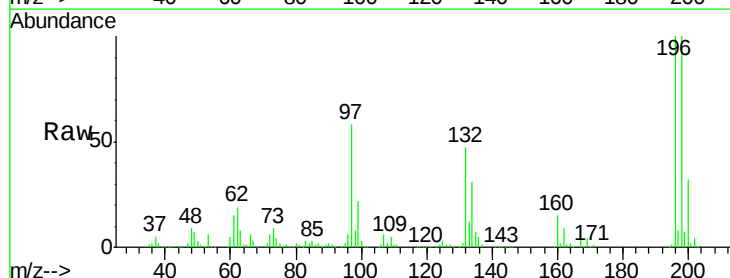


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

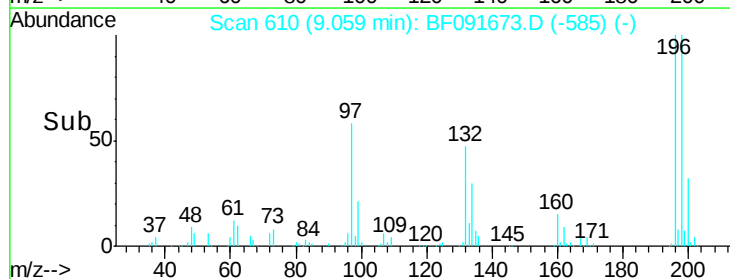
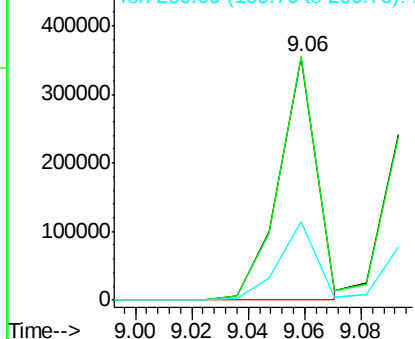


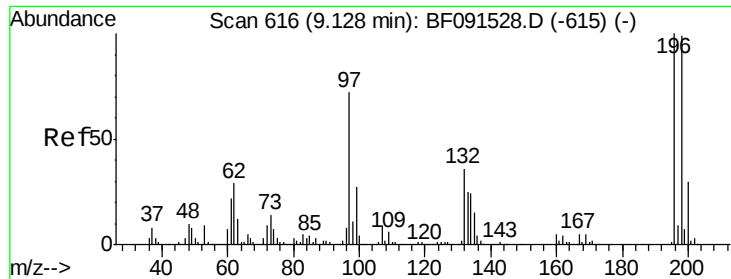
#42
2,4,6-Trichlorophenol
Concen: 44.01 ng m
RT: 9.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Tgt Ion:196 Resp: 324452
Ion Ratio Lower Upper
196 100
198 100.2 77.4 116.0
200 32.2 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

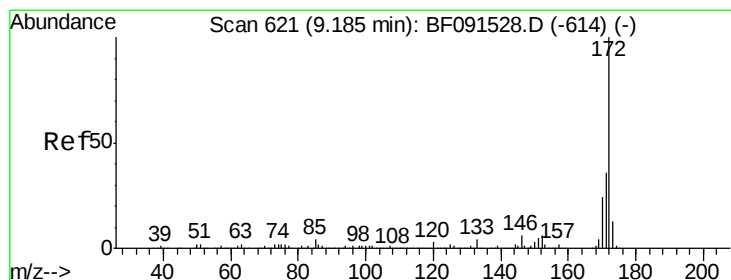
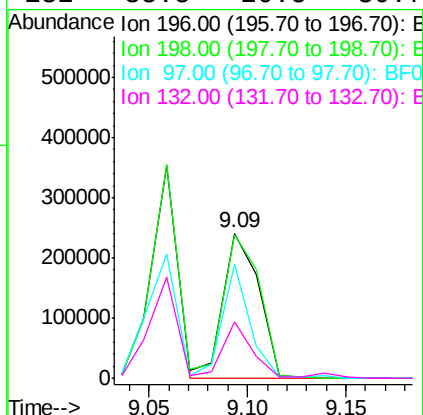
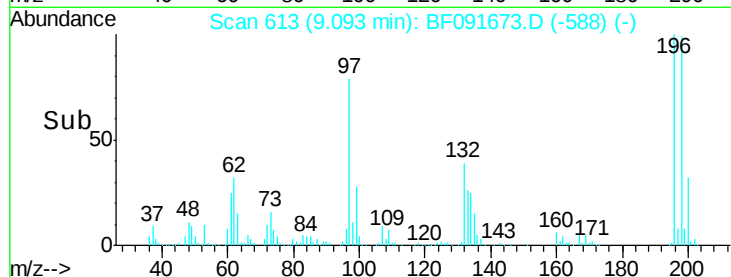
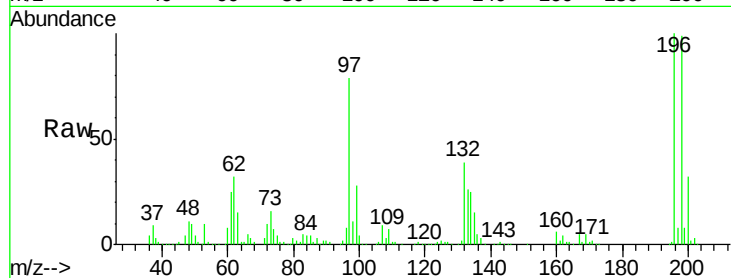




#43
 2,4,5-Trichlorophenol
 Concen: 40.35 ng/ml
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF091673.D
 Acq: 16 Dec 2016 15:26

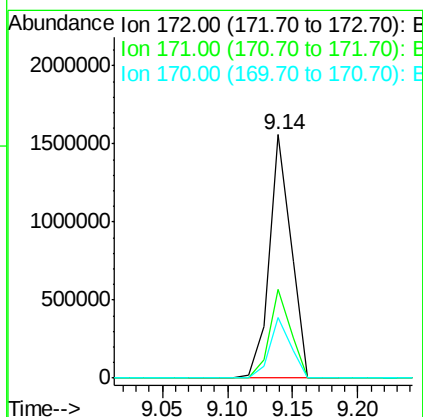
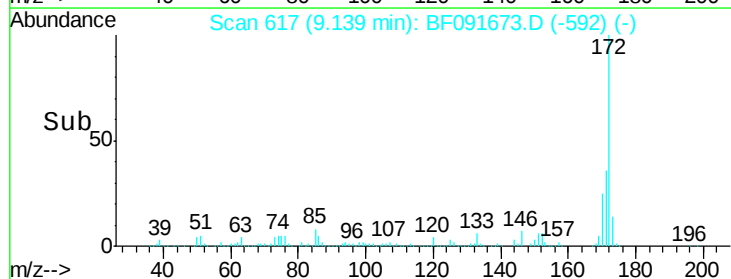
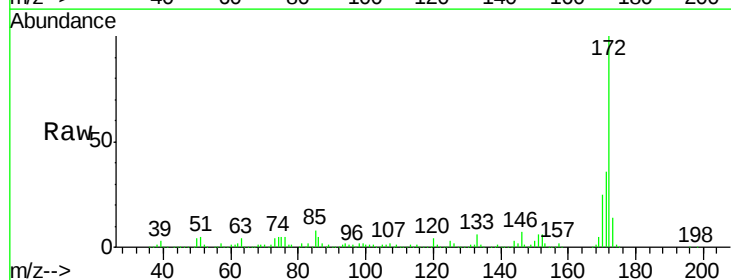
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

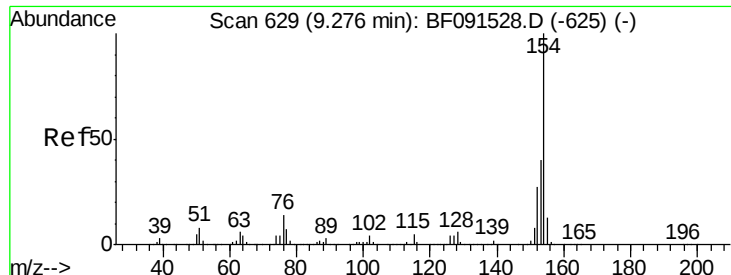
Tot Ion:196 Resp: 305722
 Ion Ratio Lower Upper
 196 100
 198 98.8 77.0 115.6
 97 78.5 33.5 50.3#
 132 38.5 20.5 30.7#



#44
 2-Fluorobiphenyl
 Concen: 75.56 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF091673.D
 Acq: 16 Dec 2016 15:26

Tgt Ion:172 Resp: 1829292
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.8 19.7 29.5





#45

1,1'-Biphenyl

Concen: 42.21 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

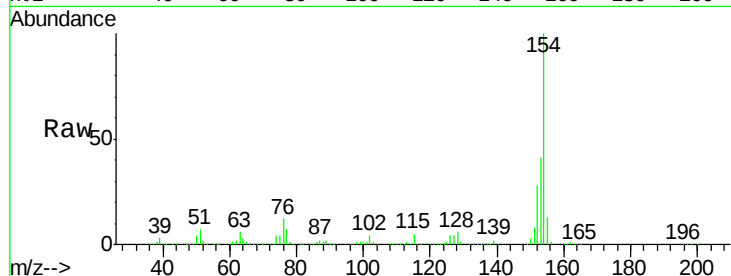
Tot Ion:154 Resp: 1278884

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

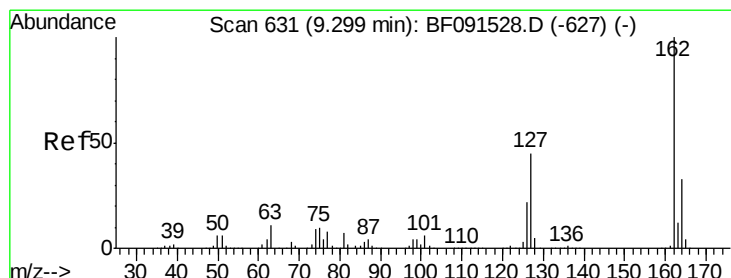
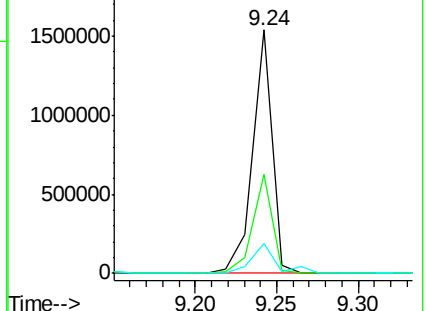
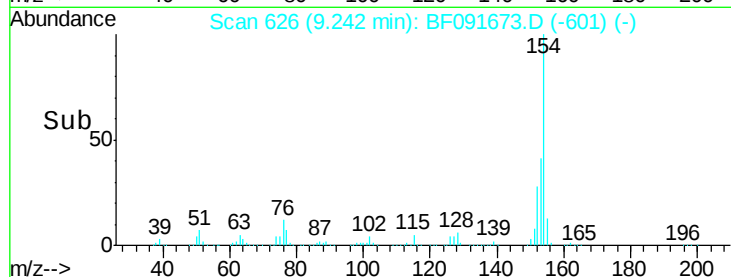
76 12.3 0.0 36.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.52 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

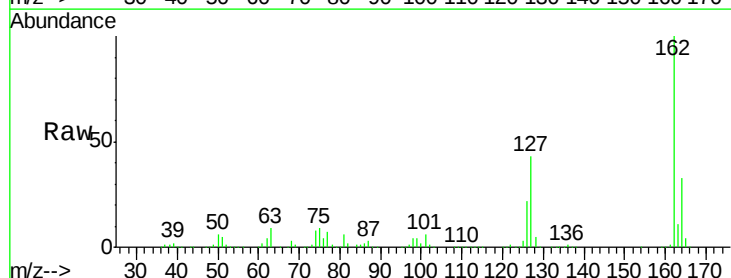
Tgt Ion:162 Resp: 950862

Ion Ratio Lower Upper

162 100

127 43.3 34.3 51.5

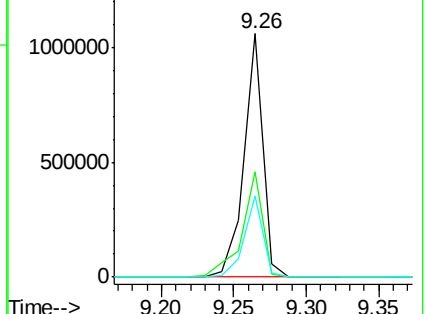
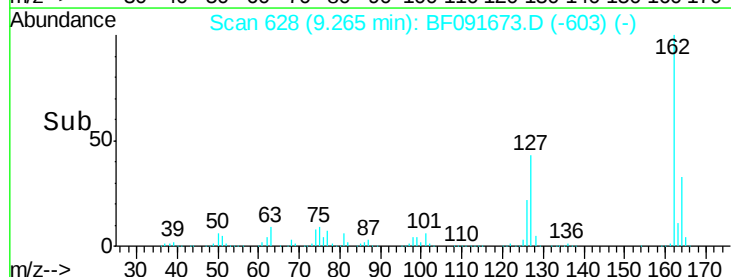
164 33.4 26.6 40.0

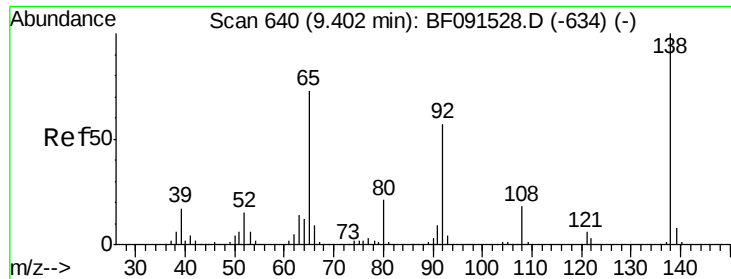


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

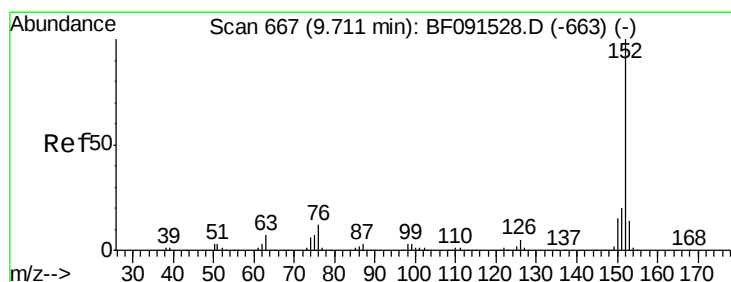
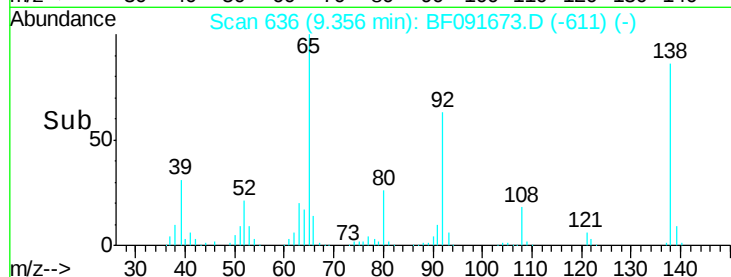
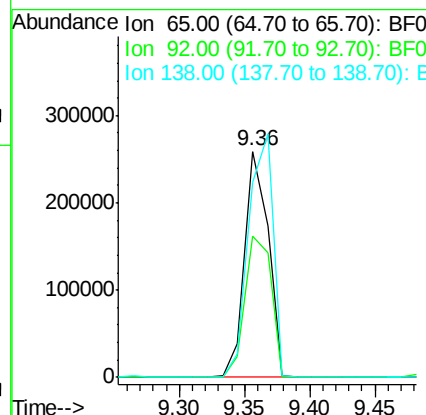
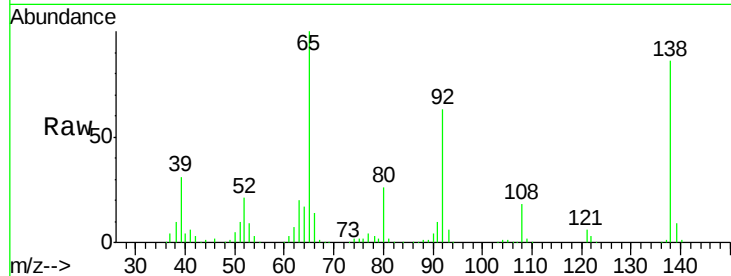




#47
 2-Nitroaniline
 Concen: 41.47 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF091673.D
 Acq: 16 Dec 2016 15:26

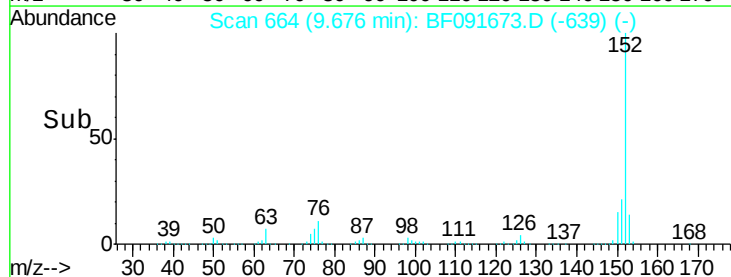
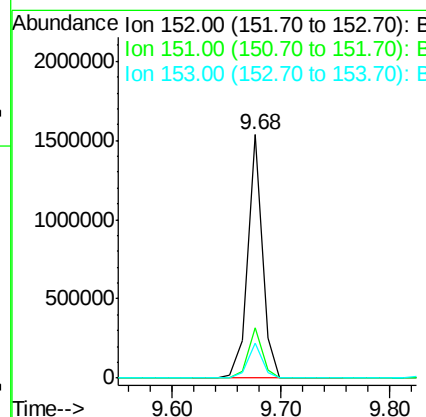
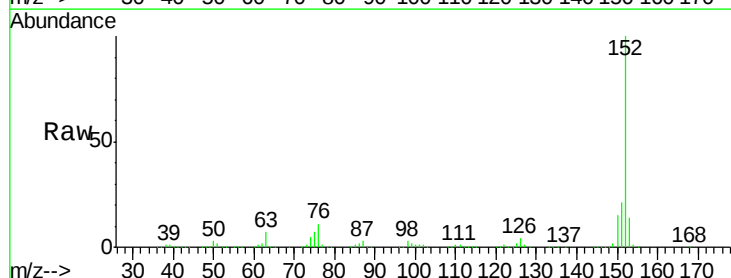
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

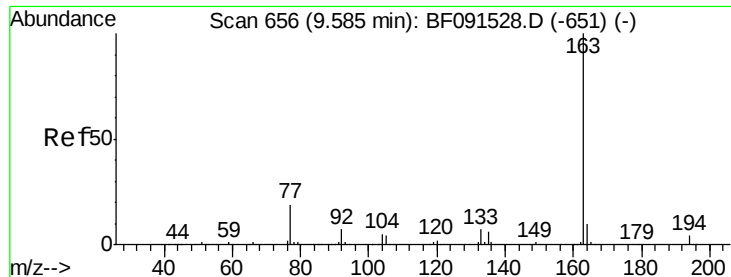
Tot Ion: 65 Resp: 327204
 Ion Ratio Lower Upper
 65 100
 92 62.6 53.6 80.4
 138 86.3 91.0 136.6#



#48
 Acenaphthylene
 Concen: 39.17 ng
 RT: 9.68 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF091673.D
 Acq: 16 Dec 2016 15:26

Tgt Ion:152 Resp: 1400980
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.6 24.8
 153 14.4 10.7 16.1

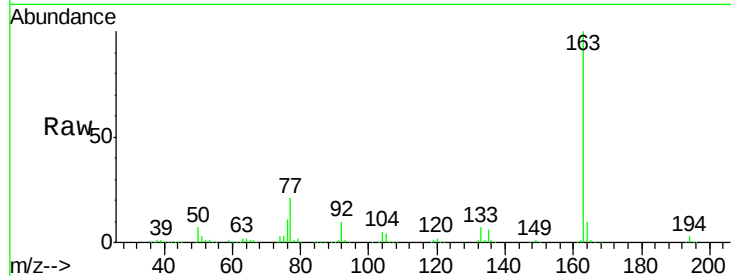




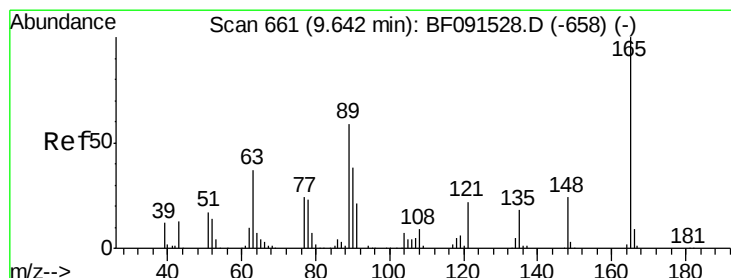
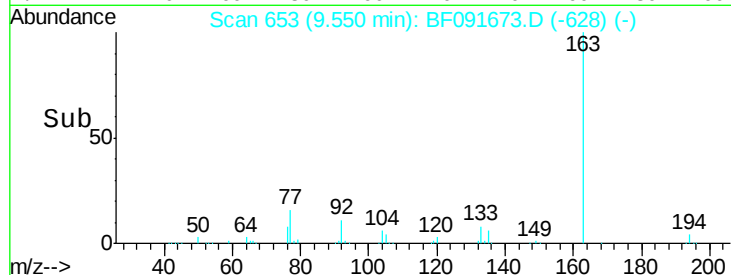
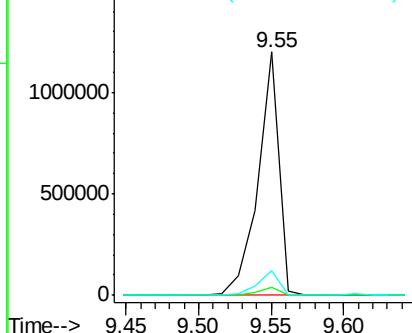
#49
Dimethylphthalate
Concen: 45.04 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1193072
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.2 7.8 11.8

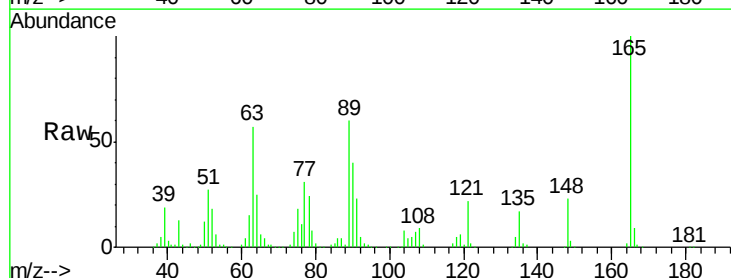


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

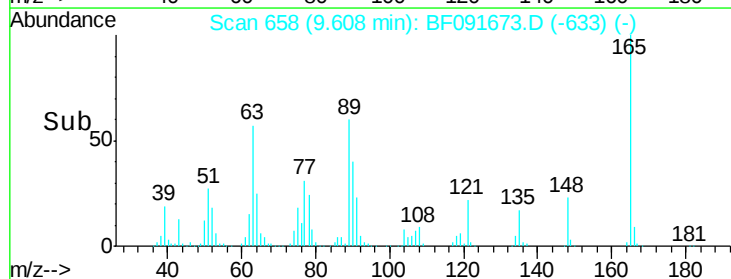
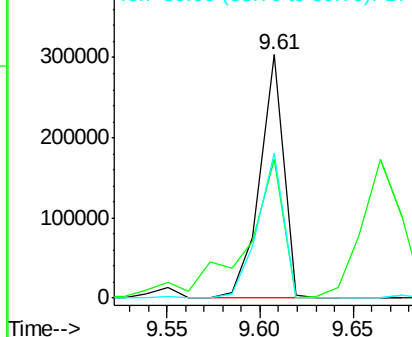


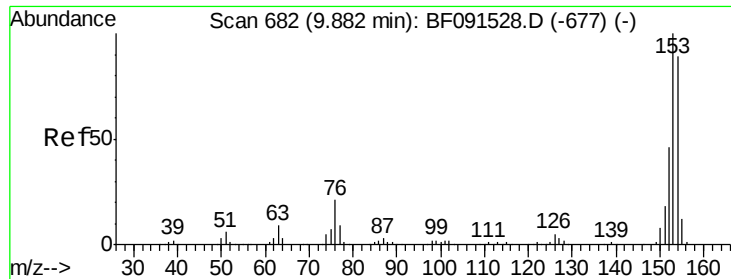
#50
2,6-Dinitrotoluene
Concen: 46.00 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Tgt Ion:165 Resp: 267425
Ion Ratio Lower Upper
165 100
63 57.2 59.4 89.0#
89 59.7 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

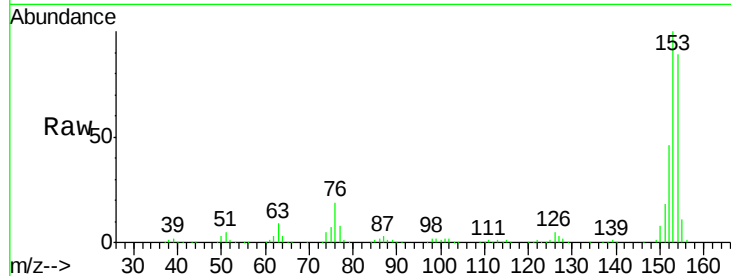




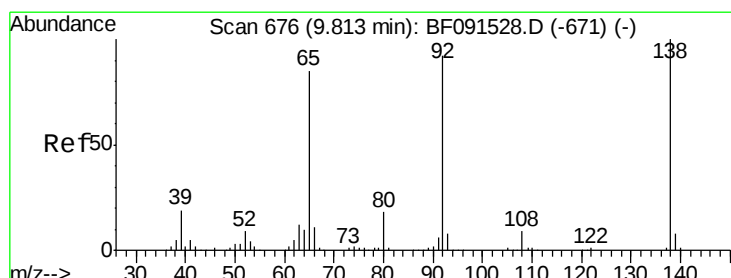
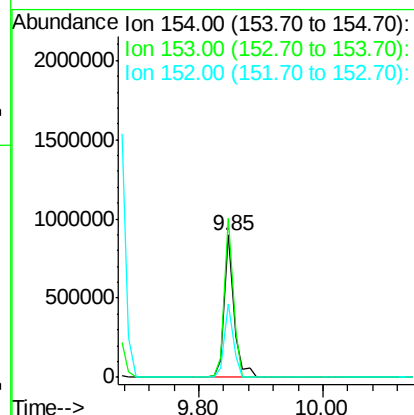
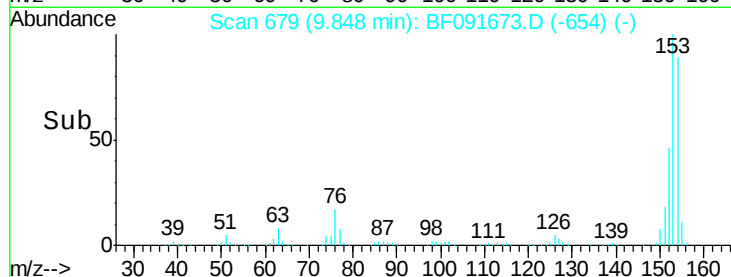
#51
Acenaphthene
Concen: 38.56 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:154 Resp: 958026
Ion Ratio Lower Upper
154 100
153 112.2 91.0 136.6
152 51.3 44.2 66.2

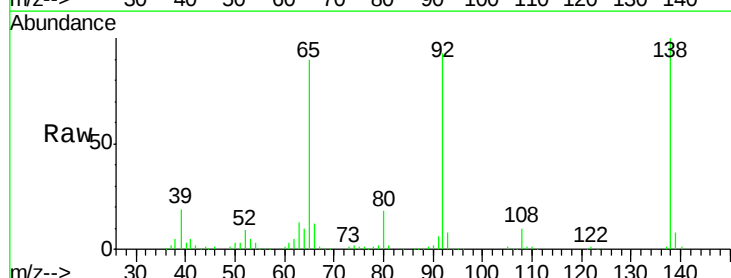


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

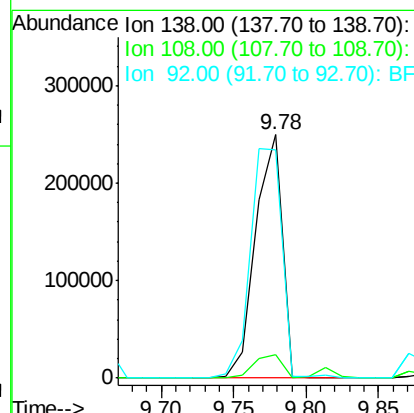
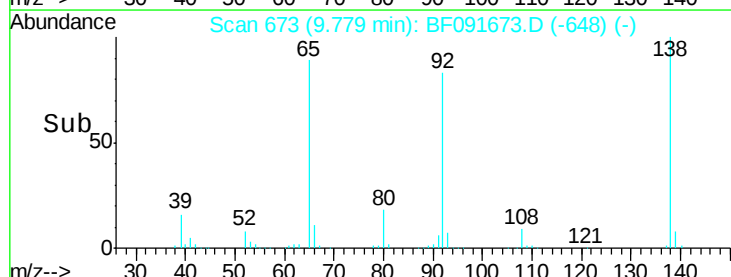


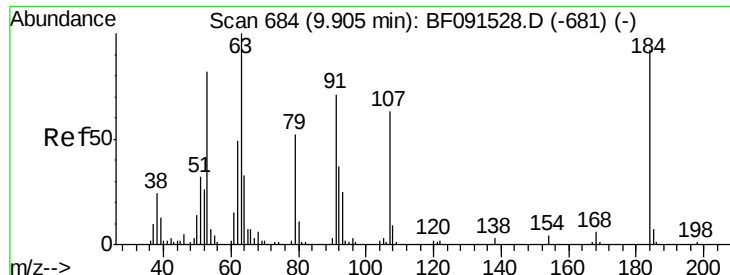
#52
3-Nitroaniline
Concen: 46.77 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Tgt Ion:138 Resp: 319442
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 93.5 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

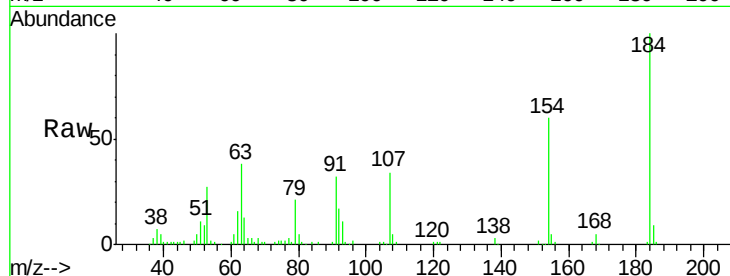




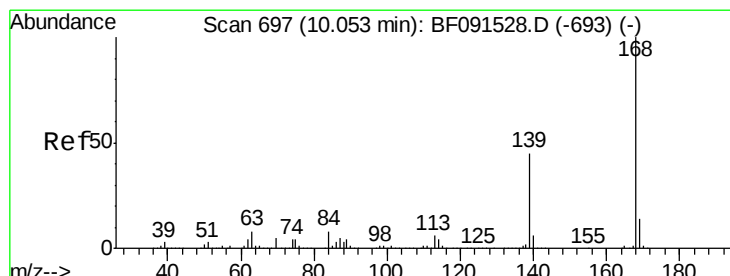
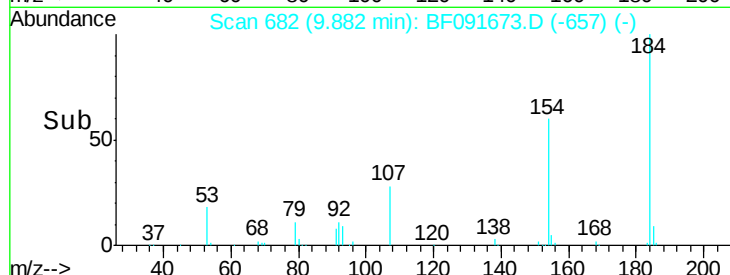
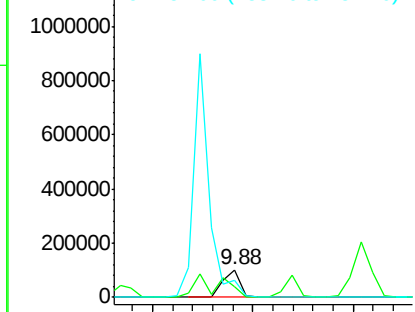
#53
2,4-Dinitrophenol
Concen: 45.46 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 124305
Ion Ratio Lower Upper
184 100
63 38.3 58.3 87.5#
154 60.1 48.6 73.0

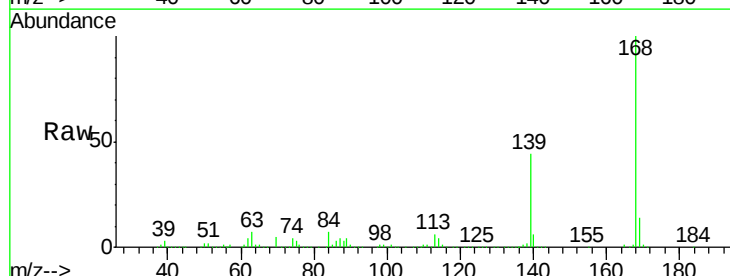


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

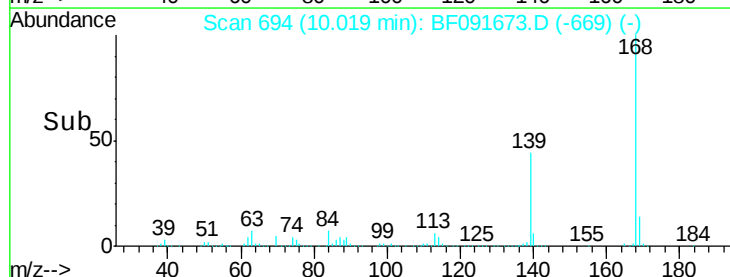
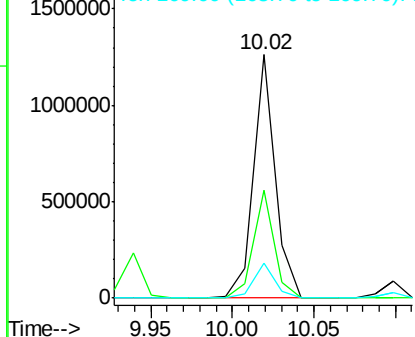


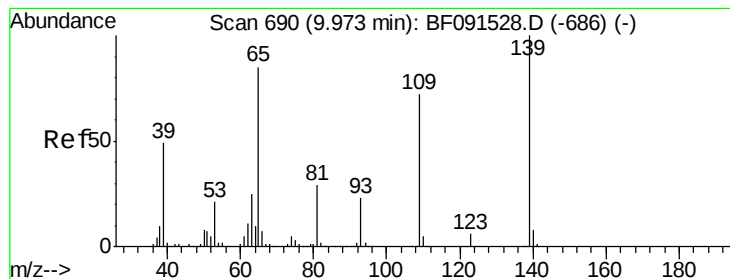
#54
Dibenzofuran
Concen: 38.09 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Tgt Ion:168 Resp: 1170845
Ion Ratio Lower Upper
168 100
139 44.5 33.4 50.2
169 14.3 11.1 16.7



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





#55

4-Nitrophenol

Concen: 41.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

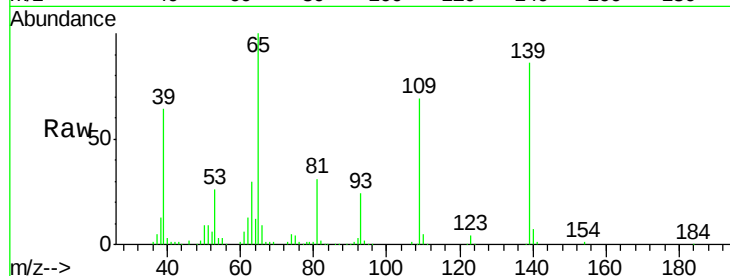
Tot Ion:139 Resp: 208330

Ion Ratio Lower Upper

139 100

109 80.7 54.9 94.9

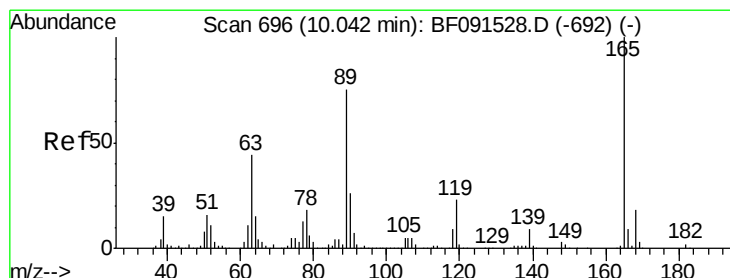
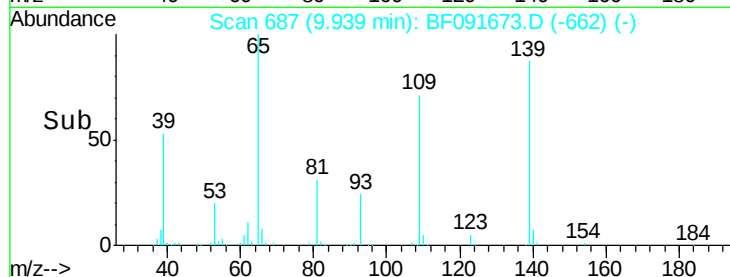
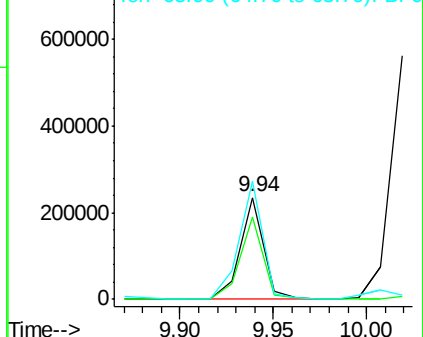
65 116.1 102.2 142.2



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: 47.08 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

Tgt Ion:165 Resp: 343067

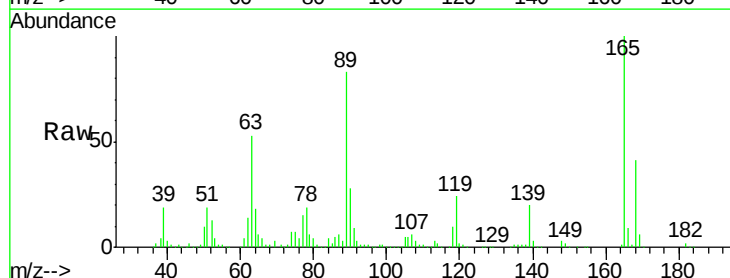
Ion Ratio Lower Upper

165 100

63 53.4 29.0 43.4#

89 83.3 43.1 64.7#

182 2.2 1.9 2.9

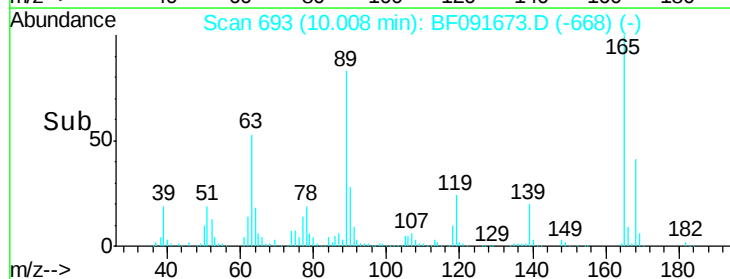
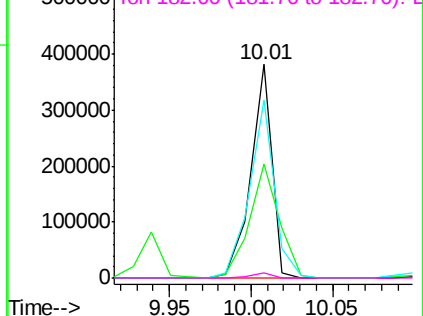


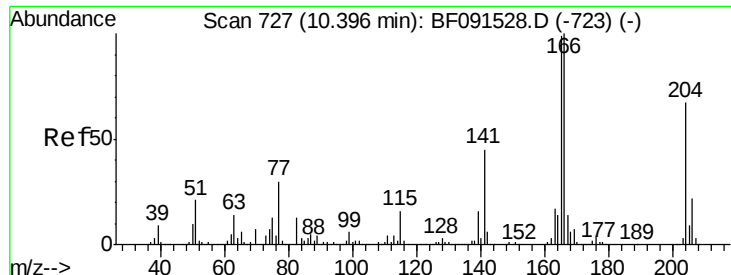
Abundance Ion 165.00 (164.70 to 165.70): E

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

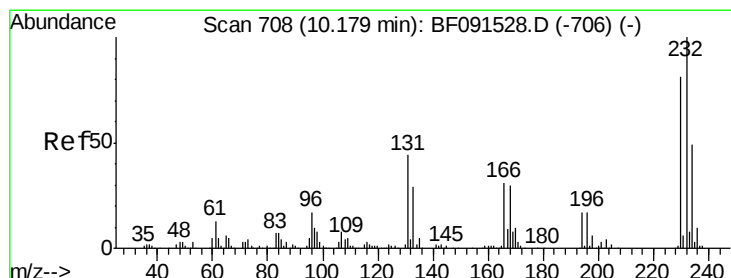
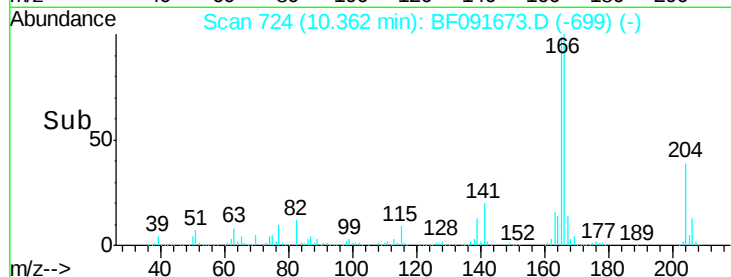
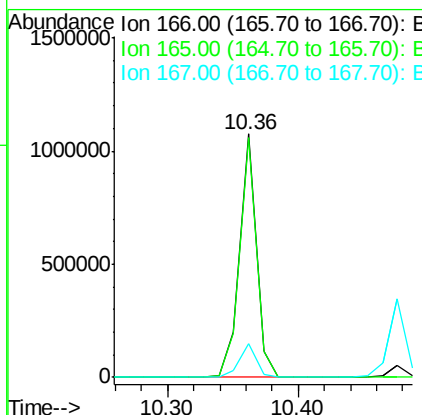
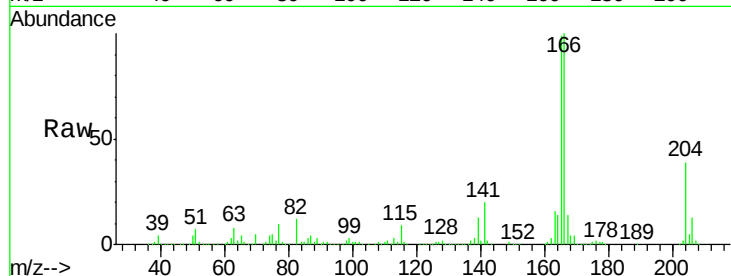




#57
Fluorene
 Concen: 43.79 ng
 RT: 10.36 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF091673.D
 Acq: 16 Dec 2016 15:26

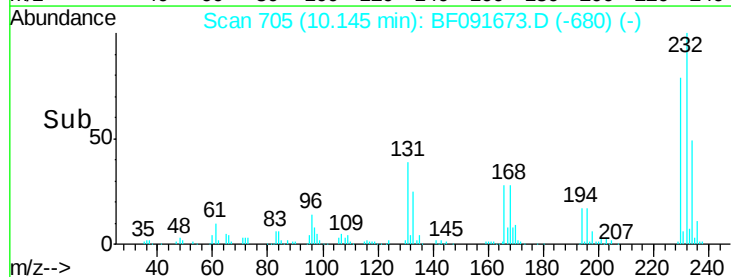
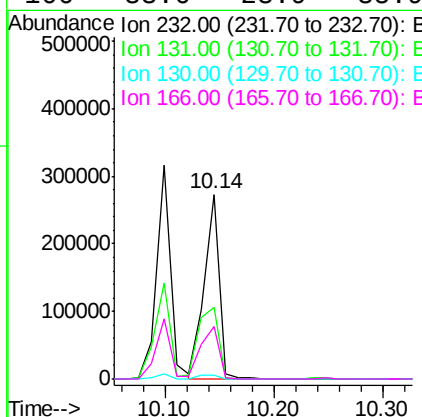
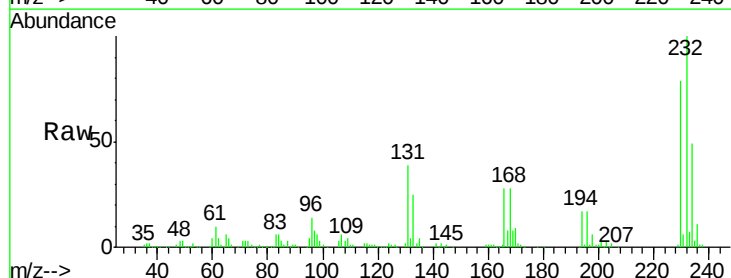
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

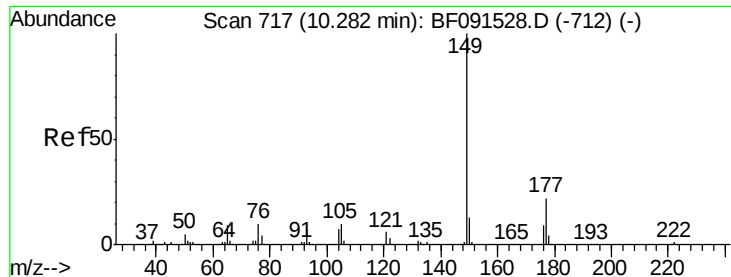
Tot Ion:166 Resp: 964581
 Ion Ratio Lower Upper
 166 100
 165 98.7 80.0 120.0
 167 13.9 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.84 ng
 RT: 10.14 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF091673.D
 Acq: 16 Dec 2016 15:26

Tgt Ion:232 Resp: 265979
 Ion Ratio Lower Upper
 232 100
 131 51.2 38.4 57.6
 130 2.6 1.8 2.8
 166 33.6 23.9 35.9

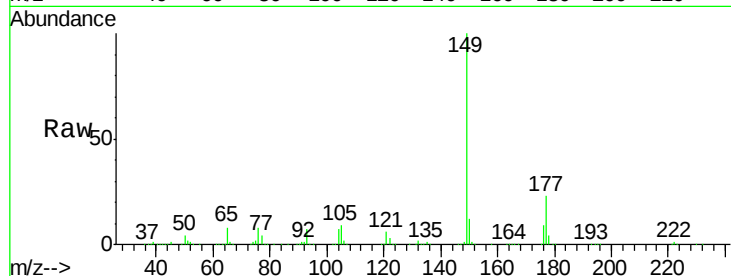




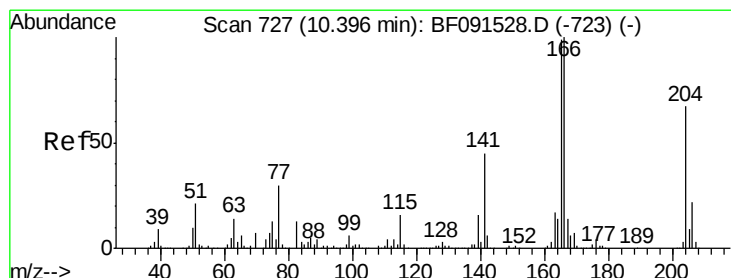
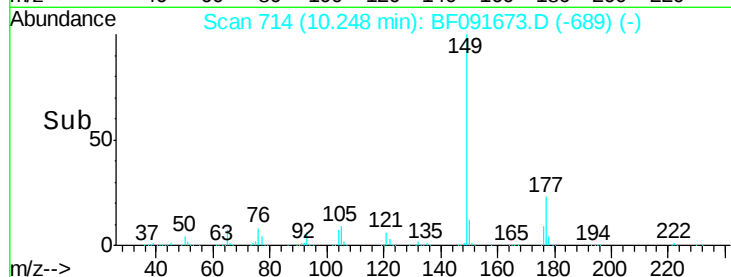
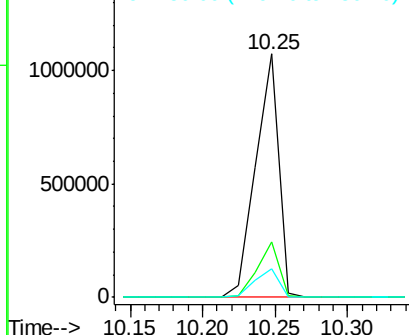
#59
Diethylphthalate
Concen: 46.13 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1176724
Ion Ratio Lower Upper
149 100
177 22.8 15.7 23.5
150 12.0 10.2 15.2

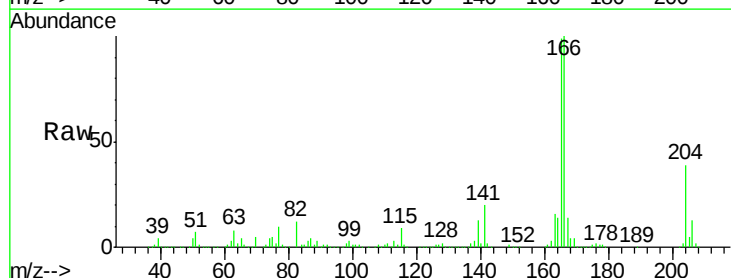


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

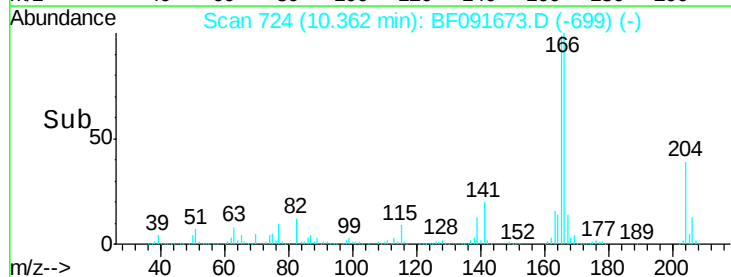
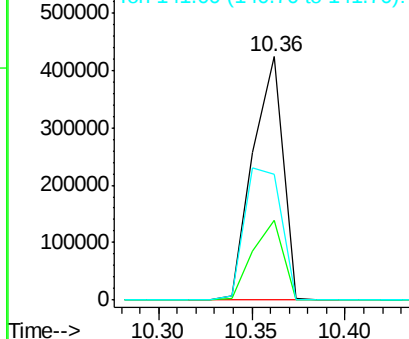


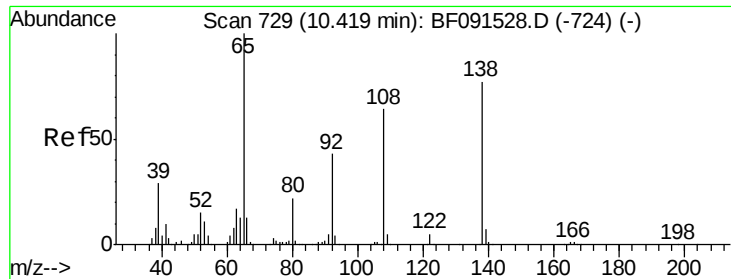
#60
4-Chlorophenyl-phenylether
Concen: 42.89 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Tgt Ion:204 Resp: 473934
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 51.8 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

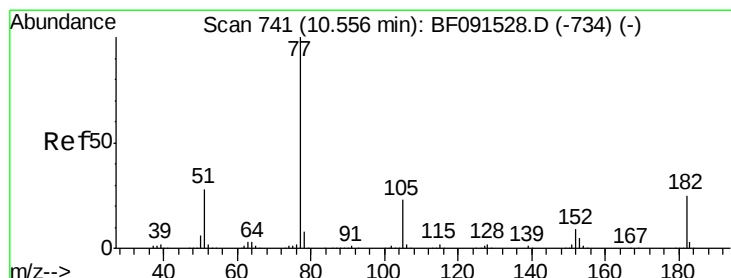
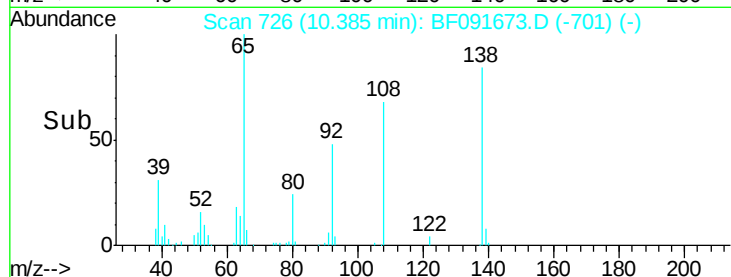
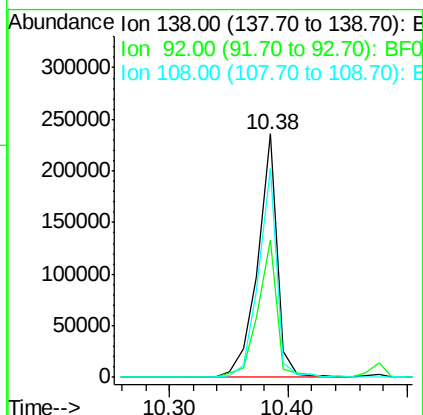
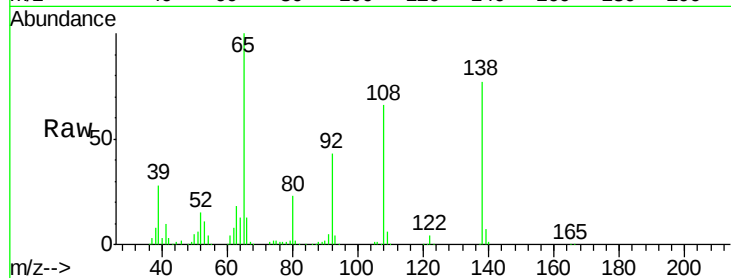




#61
4-Nitroaniline
Concen: 40.30 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

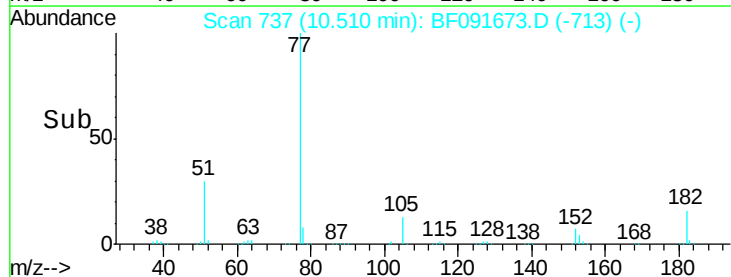
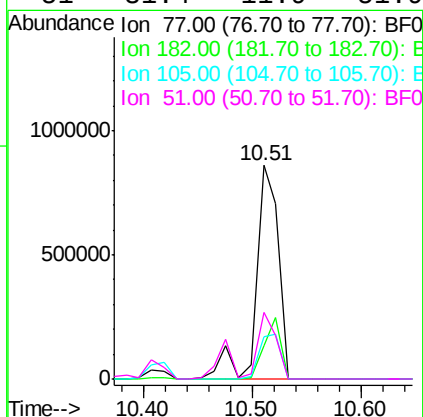
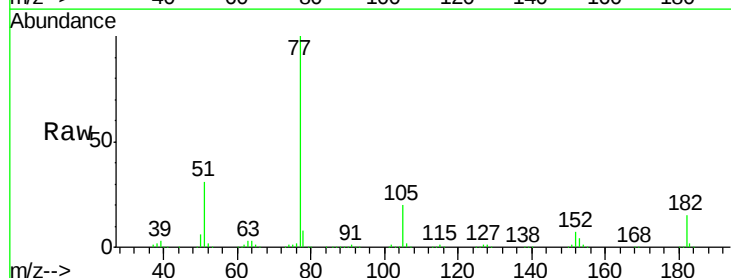
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

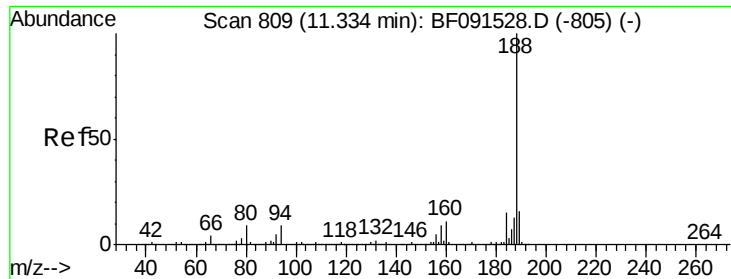
Tot Ion:138 Resp: 273552
Ion Ratio Lower Upper
138 100
92 56.6 26.9 66.9
108 86.0 49.1 89.1



#62
Azobenzene
Concen: 42.68 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Tgt Ion: 77 Resp: 1233610
Ion Ratio Lower Upper
77 100
182 15.3 12.5 52.5
105 20.0 3.7 43.7
51 31.4 11.9 51.9

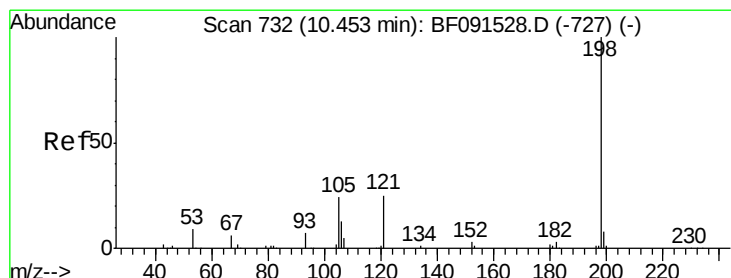
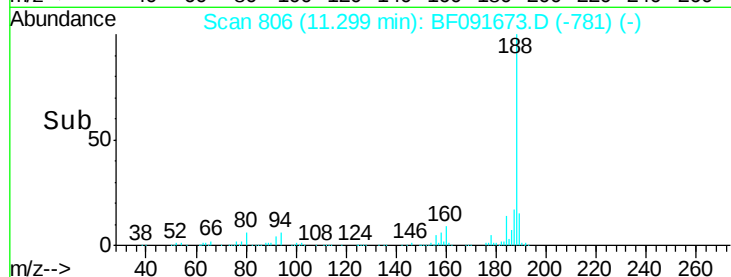
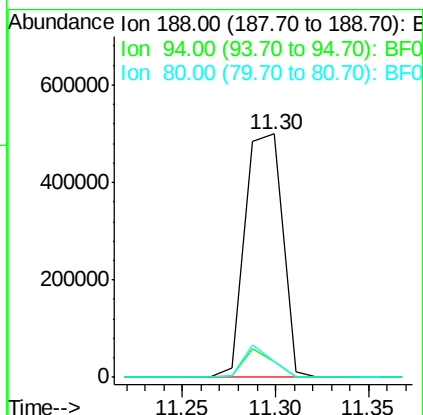
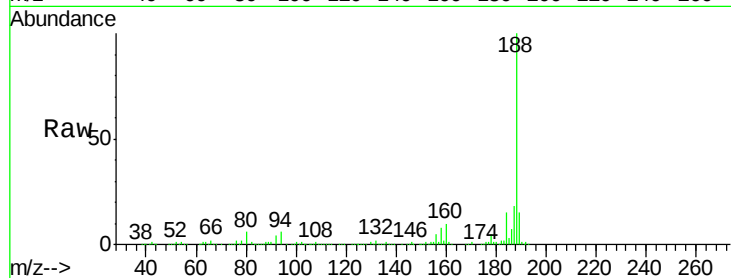




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

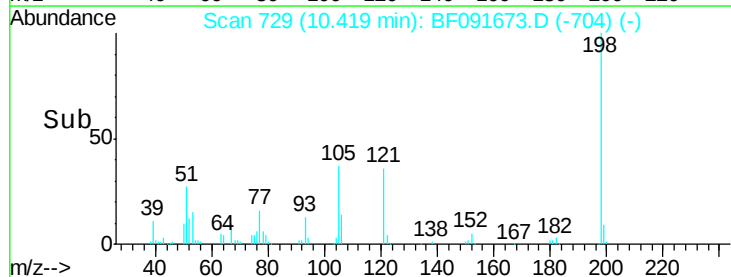
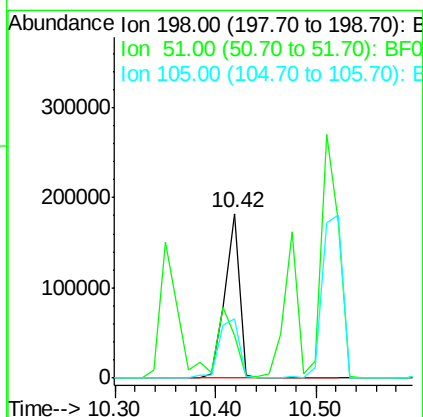
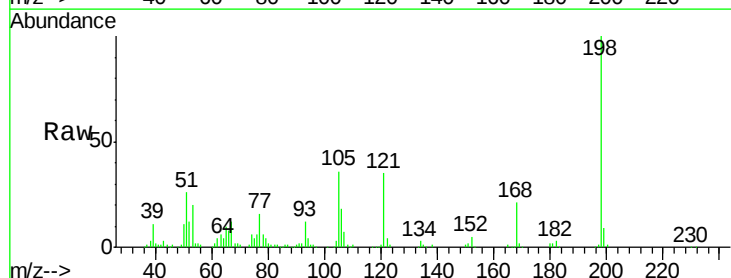
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

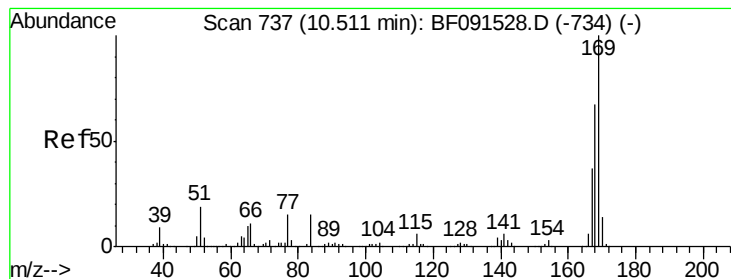
Tot Ion:188 Resp: 698080
Ion Ratio Lower Upper
188 100
94 6.3 9.2 13.8#
80 6.3 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 44.43 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Tgt Ion:198 Resp: 187360
Ion Ratio Lower Upper
198 100
51 26.3 77.1 117.1#
105 35.7 44.8 84.8#

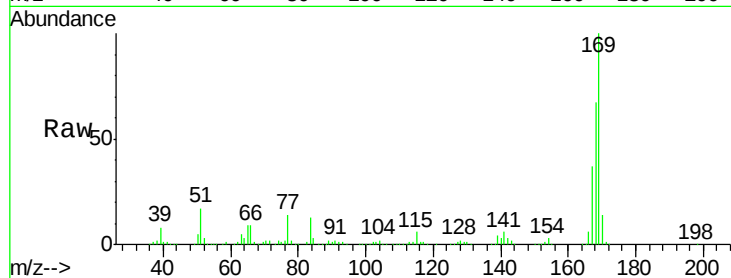




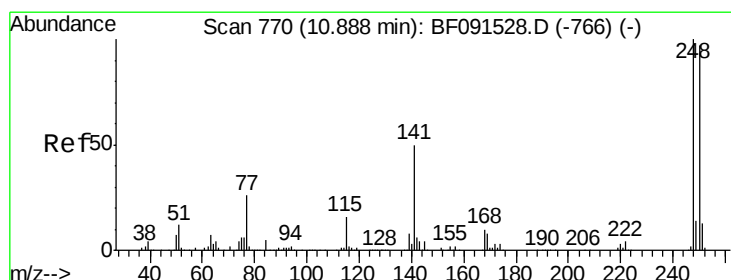
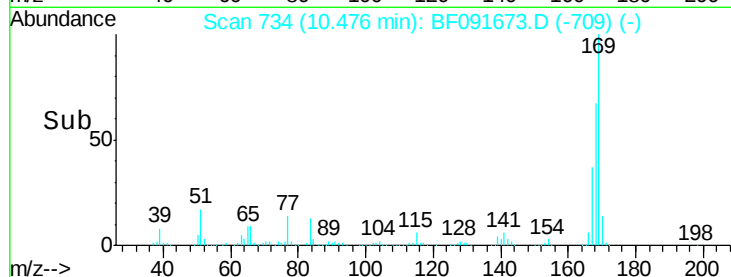
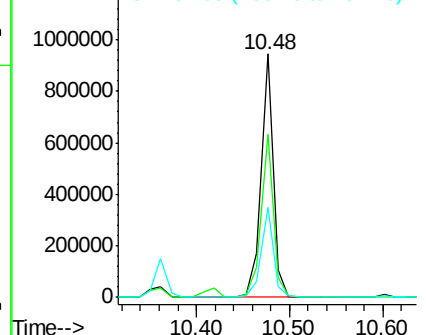
#65
n-Nitrosodiphenylamine
Concen: 41.01 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:169 Resp: 853510
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.8
167 36.9 29.8 44.8

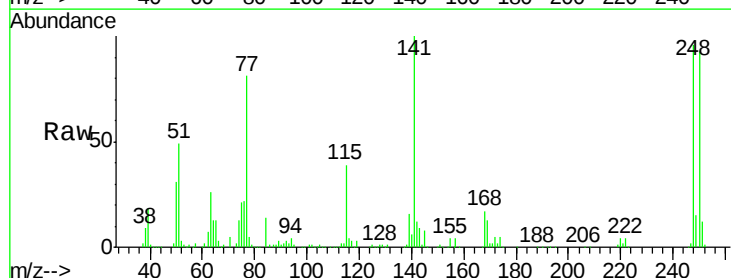


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

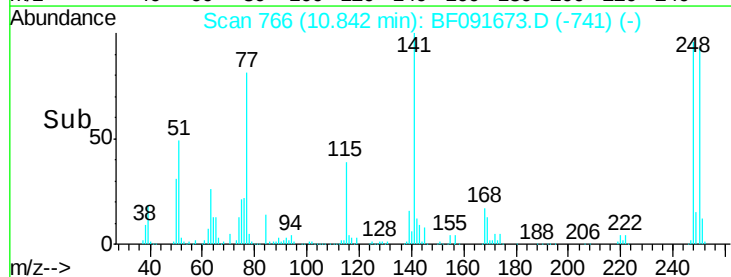
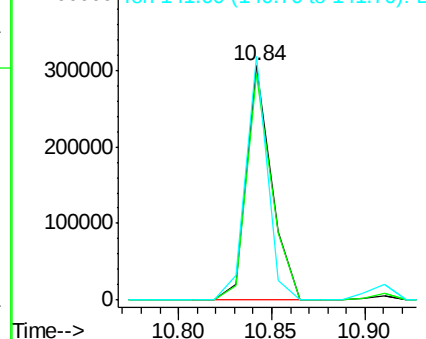


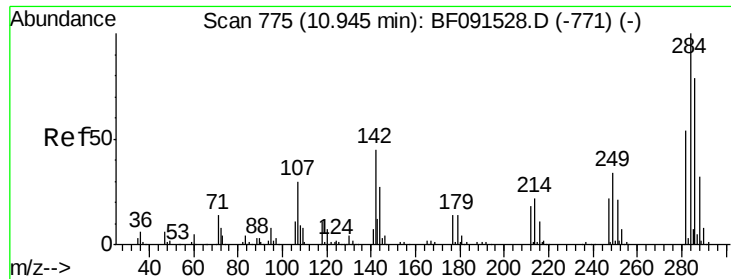
#66
4-Bromophenyl-phenylether
Concen: 39.91 ng
RT: 10.84 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Tgt Ion:248 Resp: 285635
Ion Ratio Lower Upper
248 100
250 96.1 78.2 117.4
141 103.8 71.9 107.9



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

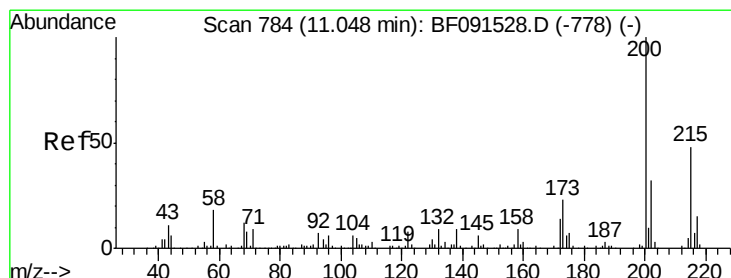
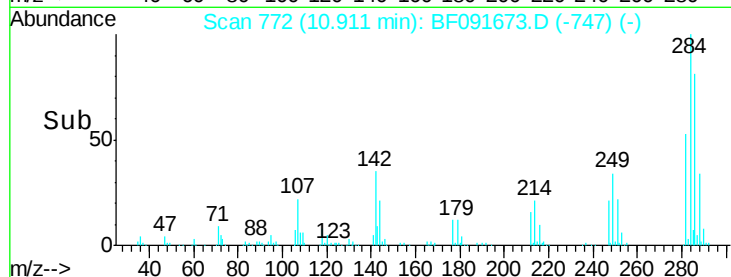
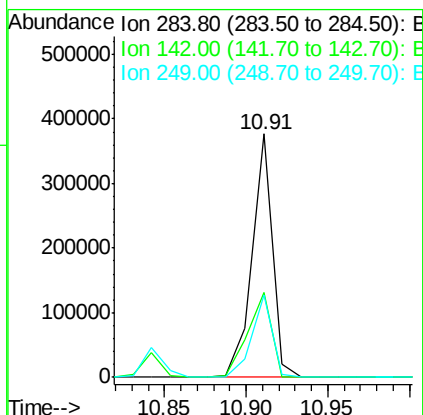
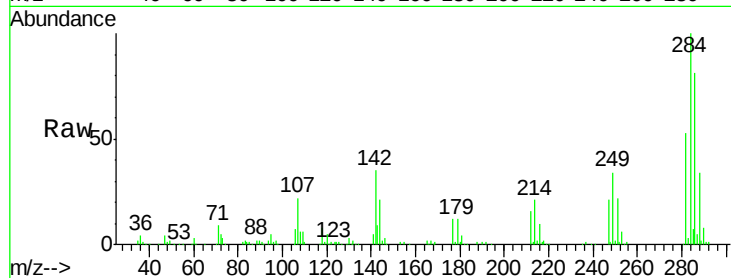




#67
Hexachlorobenzene
Concen: 43.90 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

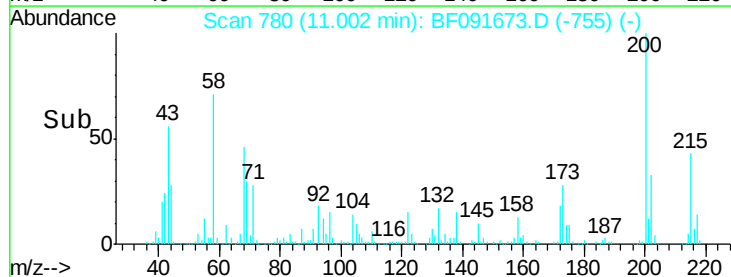
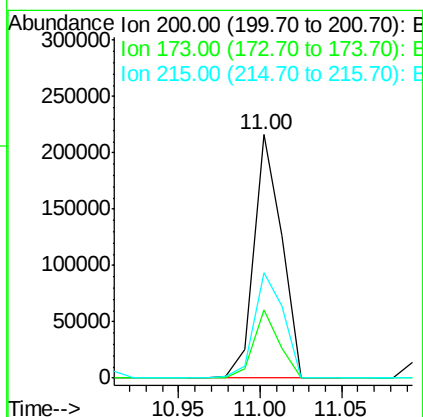
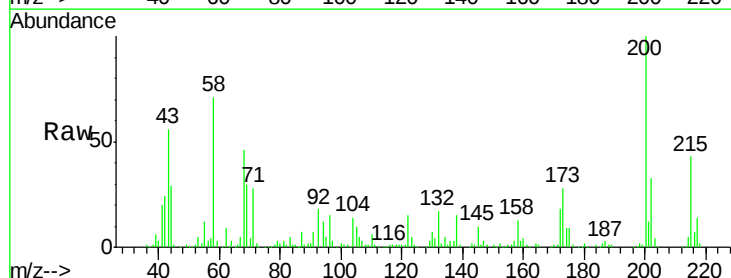
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

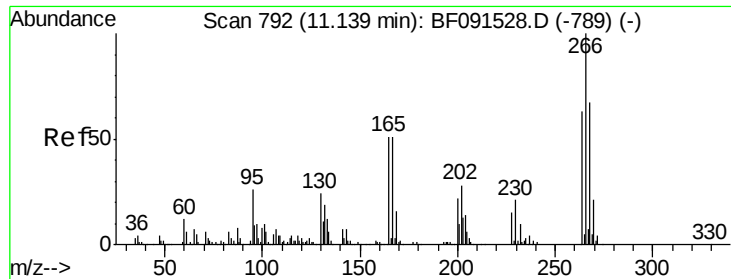
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.0	17.9	26.9
249	33.6	23.6	35.4



#68
Atrazine
Concen: 38.03 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.8	47.8
215	43.4	24.3	64.3

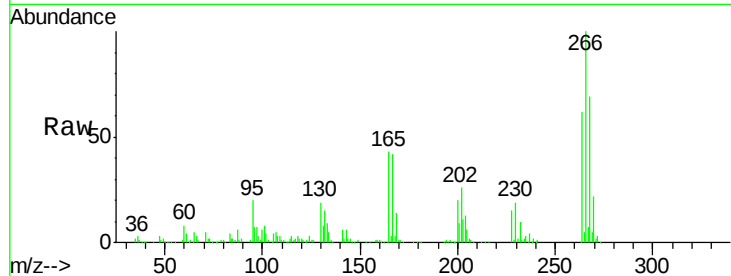




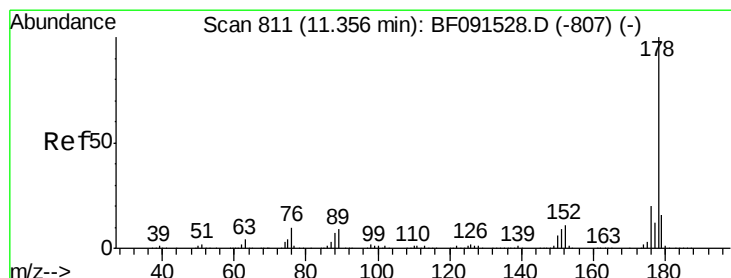
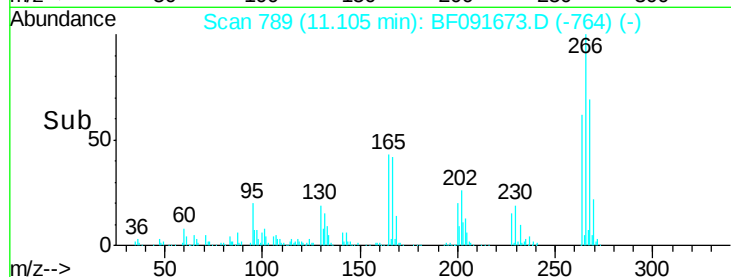
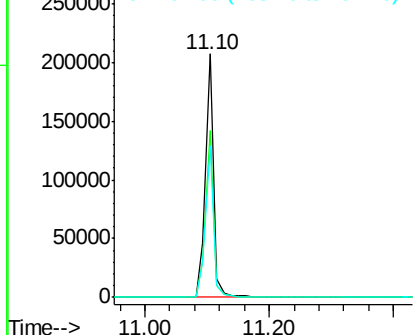
#69
 Pentachlorophenol
 Concen: 46.33 ng
 RT: 11.10 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF091673.D
 Acq: 16 Dec 2016 15:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 194030
 Ion Ratio Lower Upper
 266 100
 268 68.5 50.3 75.5
 264 62.3 48.2 72.2

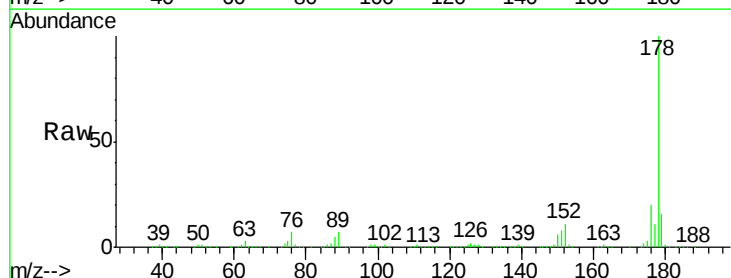


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

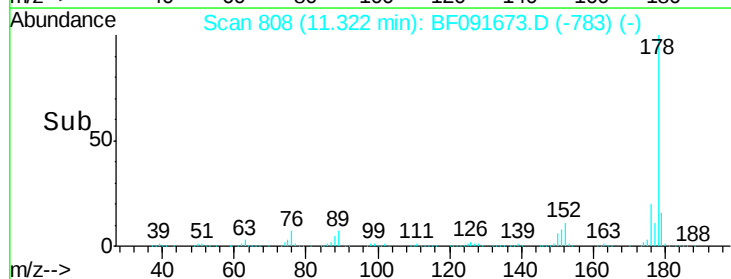
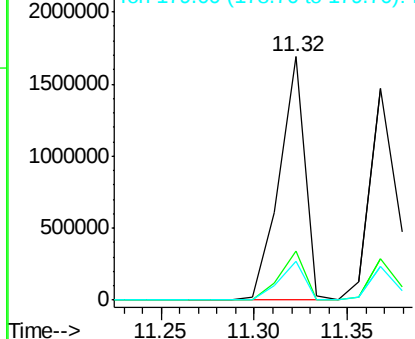


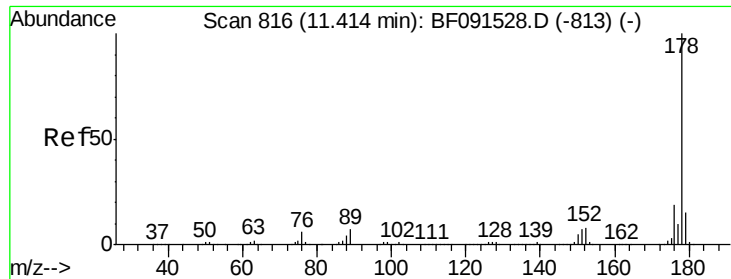
#70
 Phenanthrene
 Concen: 46.77 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF091673.D
 Acq: 16 Dec 2016 15:26

Tgt Ion:178 Resp: 1616920
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.9 23.9
 179 15.9 12.6 18.8



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

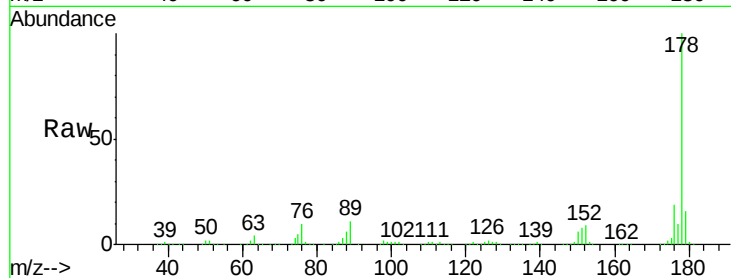




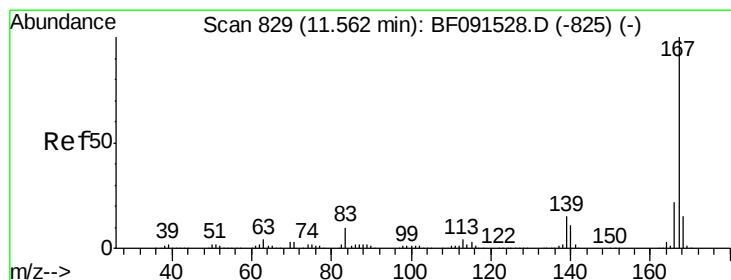
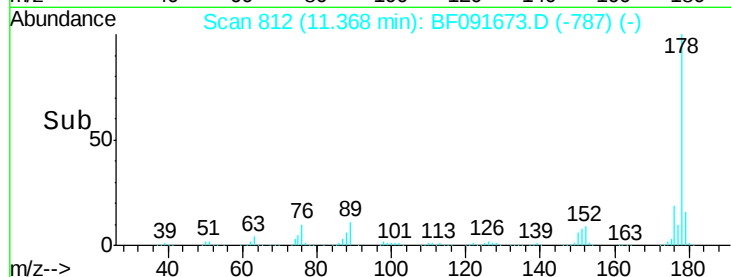
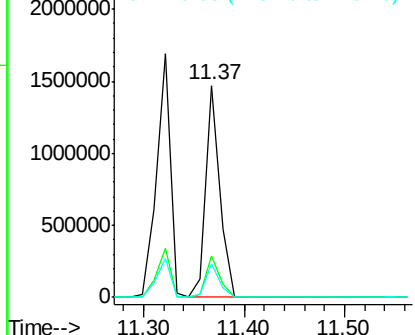
#71
 Anthracene
 Concen: 38.27 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF091673.D
 Acq: 16 Dec 2016 15:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1426811
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 16.1 12.7 19.1

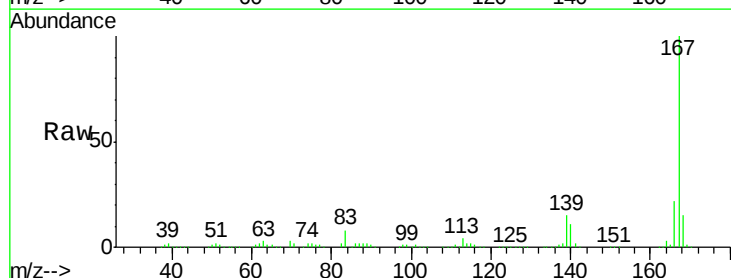


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

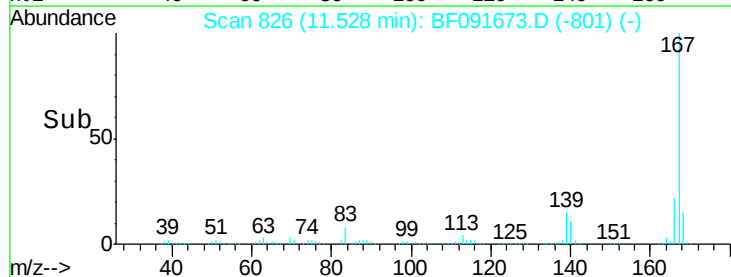
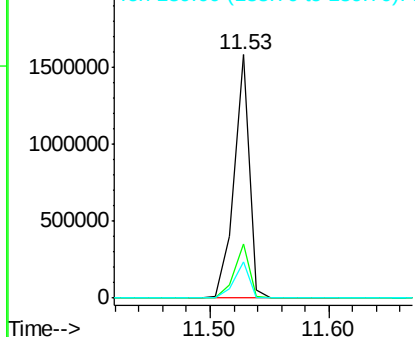


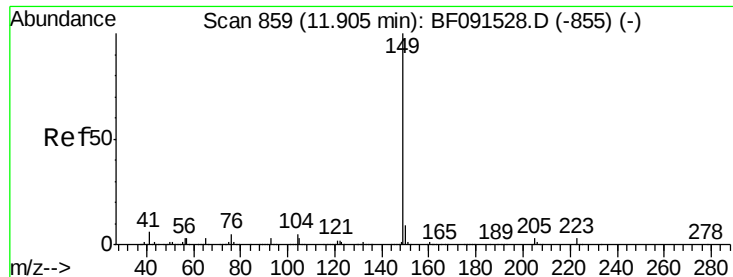
#72
 Carbazole
 Concen: 43.42 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BF091673.D
 Acq: 16 Dec 2016 15:26

Tgt Ion:167 Resp: 1419199
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 15.0 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: 43.20 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

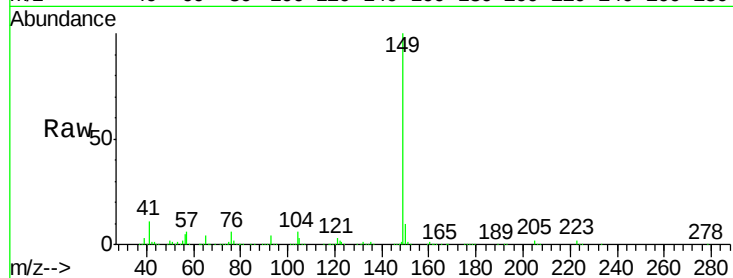
Tot Ion:149 Resp: 1645071

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

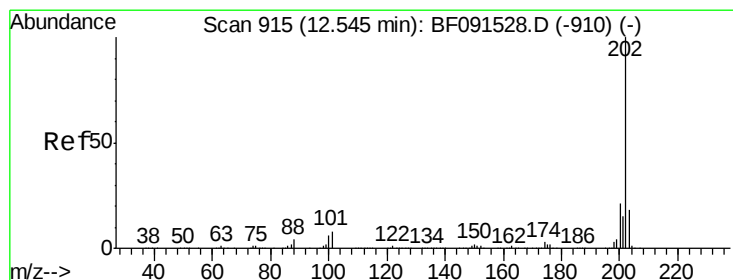
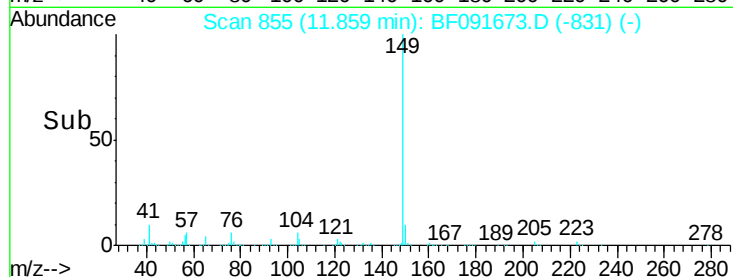
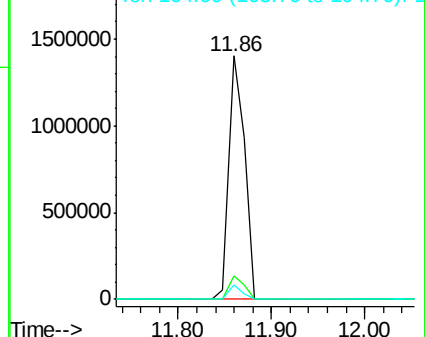
104 6.1 4.0 6.0#



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: 40.64 ng

RT: 12.50 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

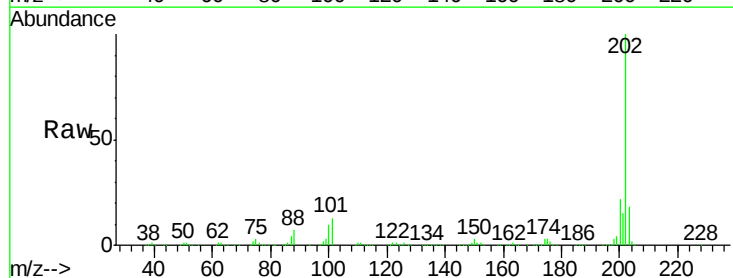
Tgt Ion:202 Resp: 1471171

Ion Ratio Lower Upper

202 100

101 13.0 0.0 29.5

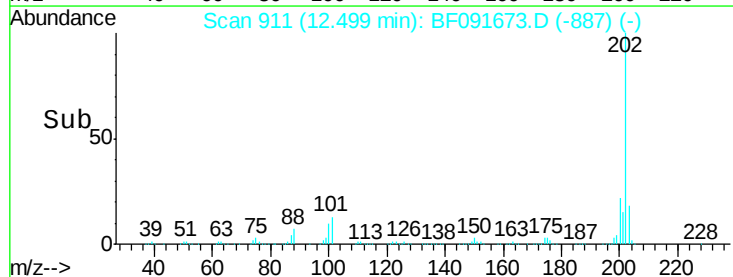
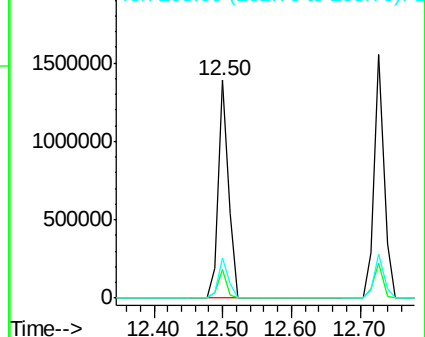
203 18.1 0.0 37.8

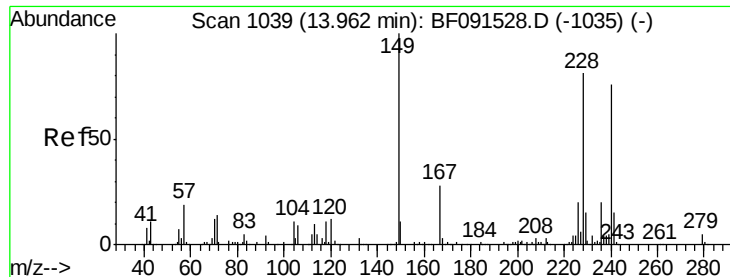


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.93 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

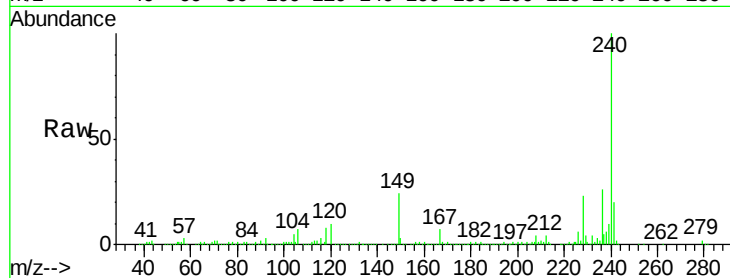
Tot Ion:240 Resp: 546093

Ion Ratio Lower Upper

240 100

120 9.8 12.1 18.1#

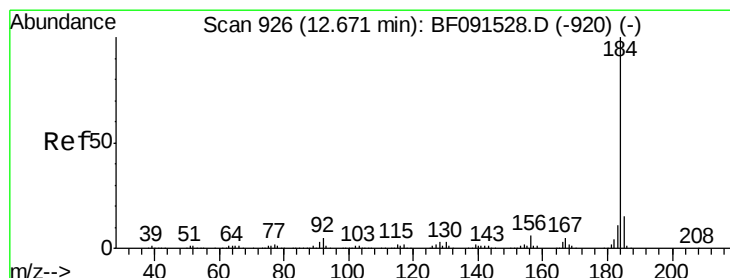
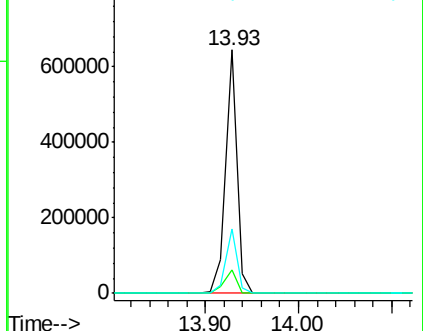
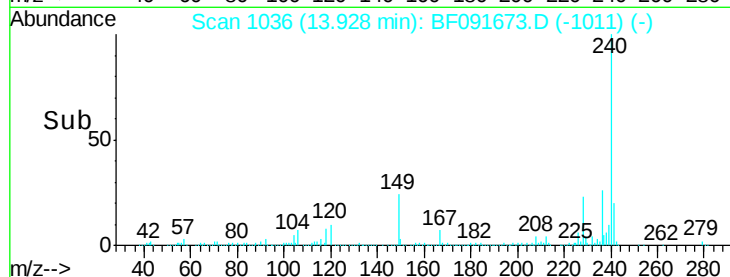
236 26.3 21.0 31.6



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: 19.40 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

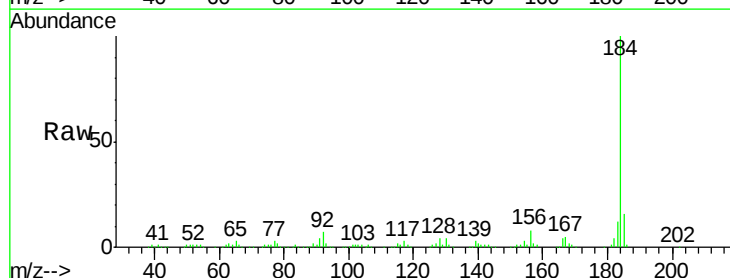
Tgt Ion:184 Resp: 327591

Ion Ratio Lower Upper

184 100

185 16.1 13.1 19.7

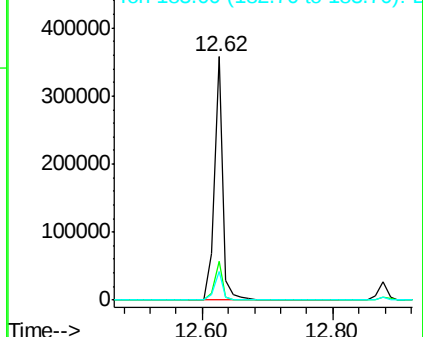
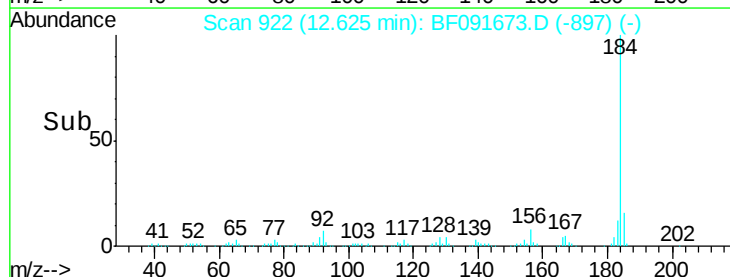
183 11.6 8.9 13.3

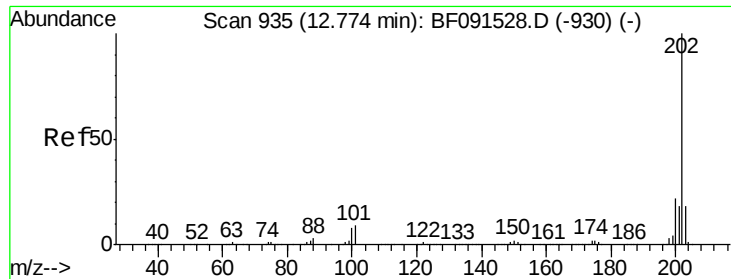


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

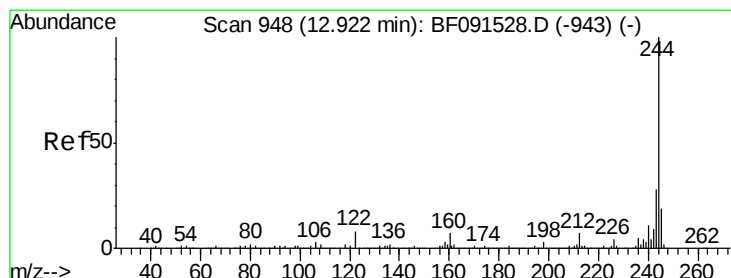
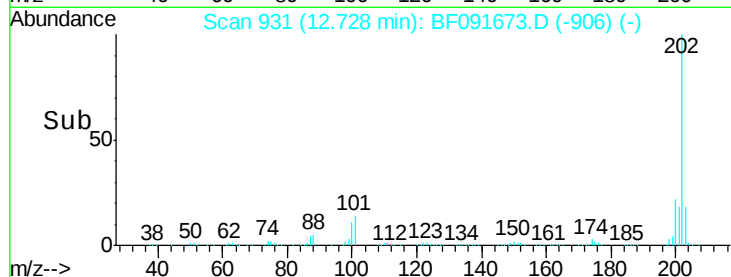
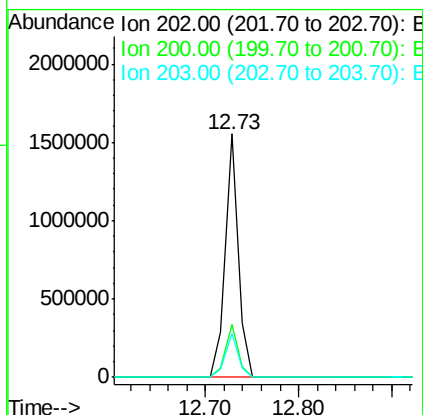
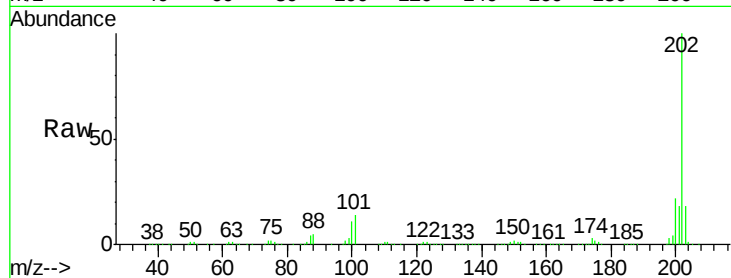




#77
Pvrene
Concen: 34.95 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

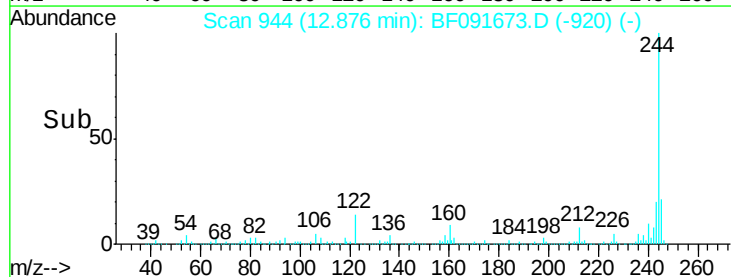
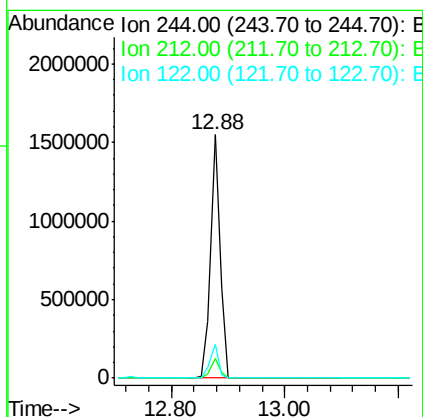
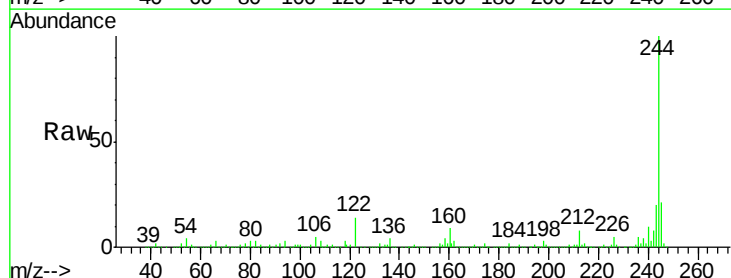
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

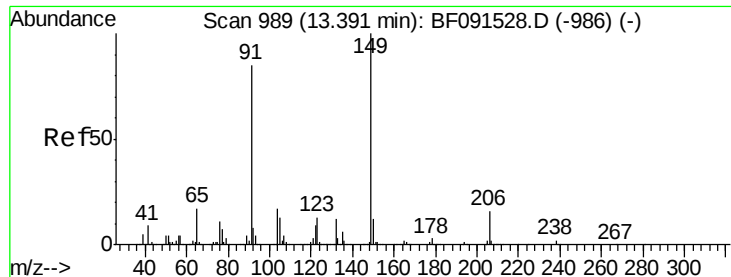
Tot Ion:202 Resp: 1514352
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 17.9 14.0 21.0



#78
Terphenyl-d14
Concen: 71.47 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Tgt Ion:244 Resp: 1719951
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 13.7 9.5 14.3

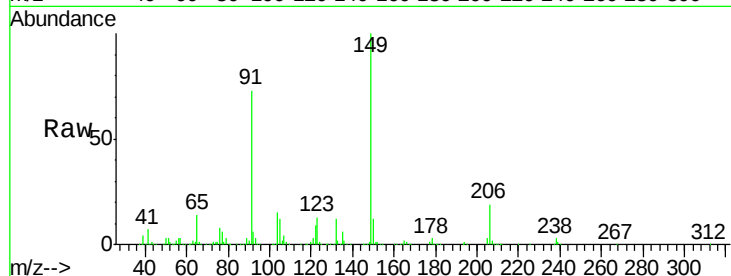




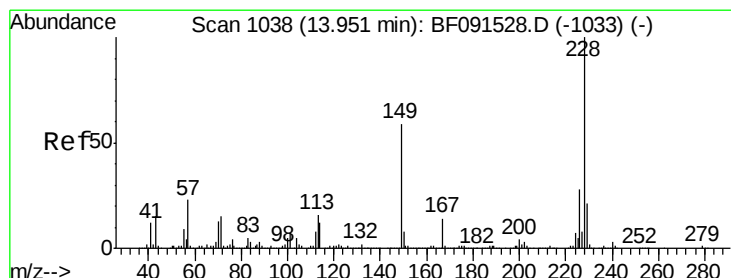
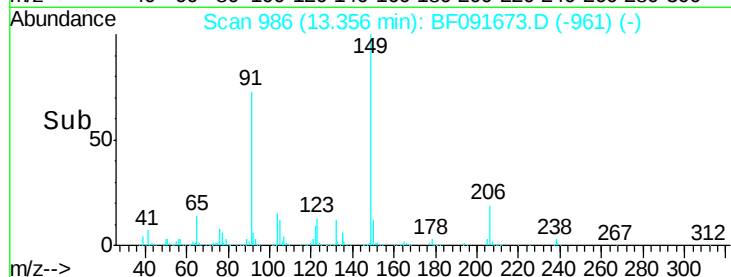
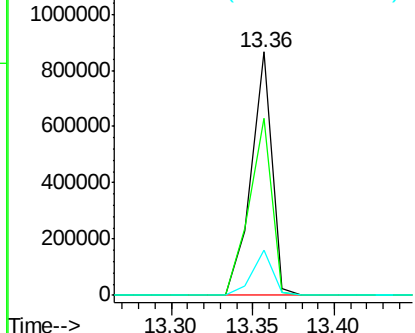
#79
Butylbenzylphthalate
Concen: 45.62 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 770388
Ion Ratio Lower Upper
149 100
91 72.5 57.4 86.2
206 18.6 15.4 23.2

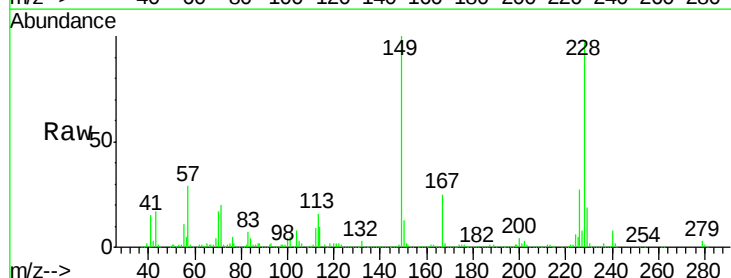


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

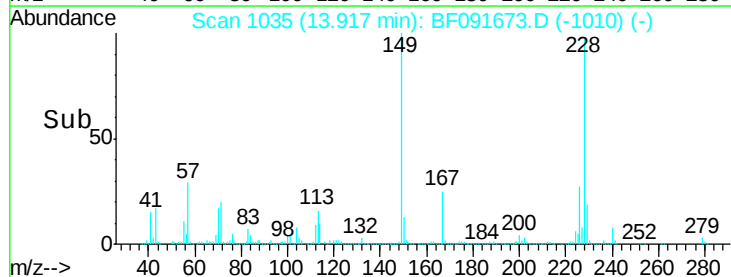
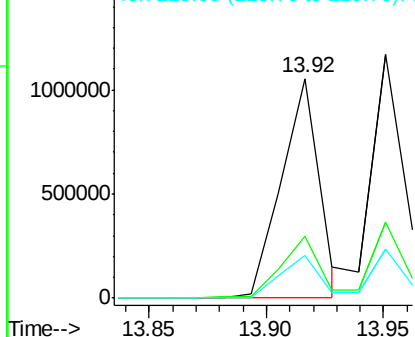


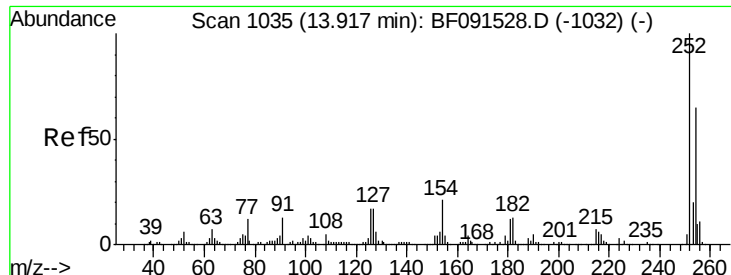
#80
Benzo(a)anthracene
Concen: 37.42 ng m
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Tgt Ion:228 Resp: 1186742
Ion Ratio Lower Upper
228 100
226 28.0 22.5 33.7
229 19.7 16.4 24.6



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

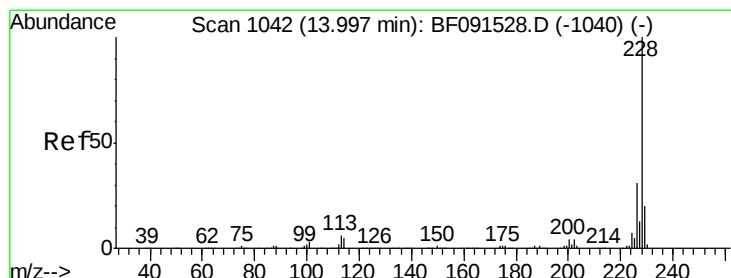
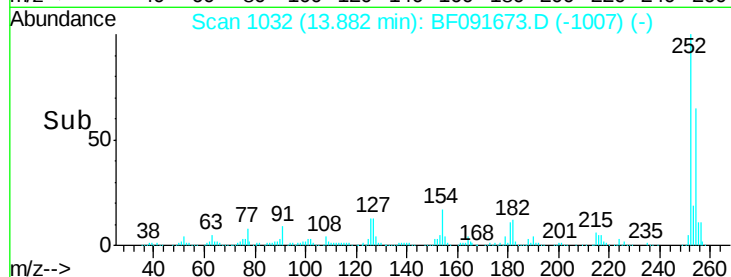
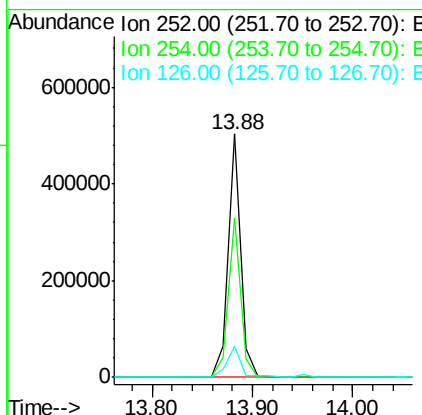
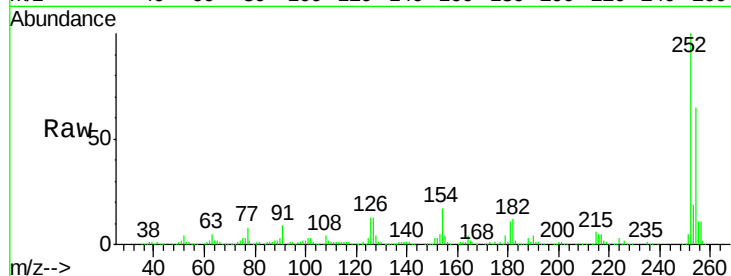




#81
 3,3'-Dichlorobenzidine
 Concen: 38.23 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF091673.D
 Acq: 16 Dec 2016 15:26

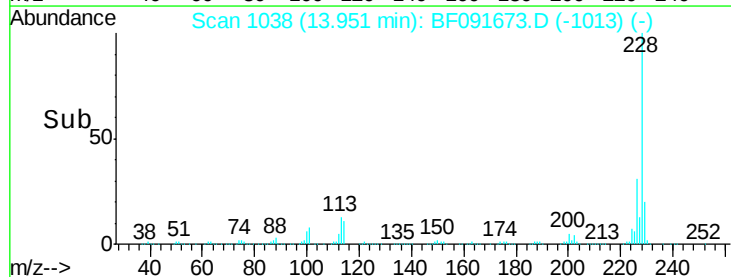
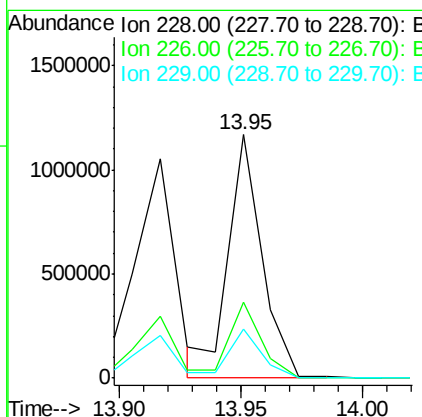
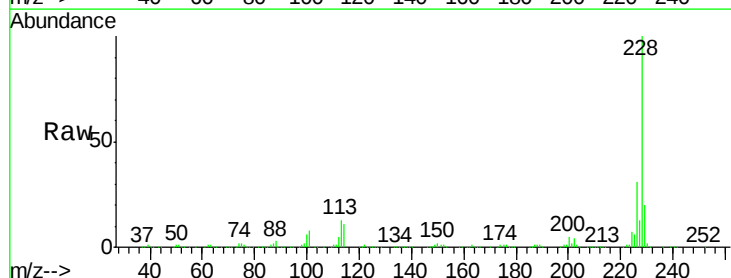
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

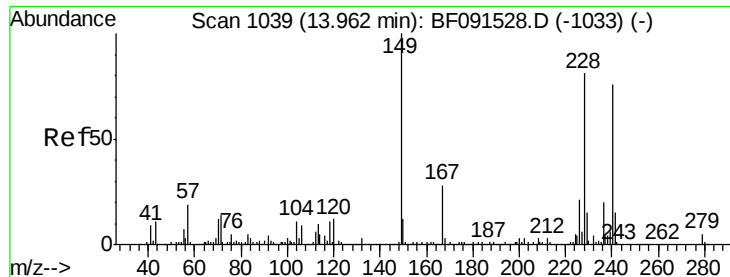
Tot Ion:252 Resp: 435362
 Ion Ratio Lower Upper
 252 100
 254 65.1 52.1 78.1
 126 12.9 7.5 11.3#



#82
 Chrysene
 Concen: 33.85 ng m
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091673.D
 Acq: 16 Dec 2016 15:26

Tgt Ion:228 Resp: 1123281
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.4
 229 20.3 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.81 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

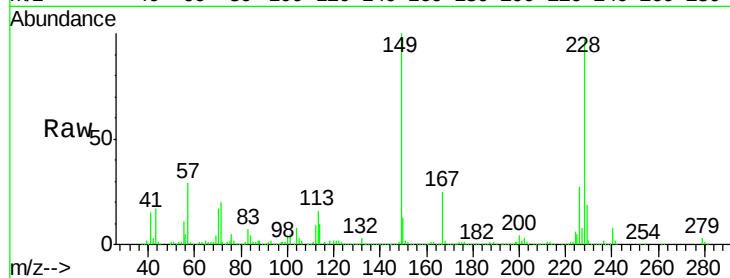
Tot Ion:149 Resp: 949175

Ion Ratio Lower Upper

149 100

167 25.4 19.6 29.4

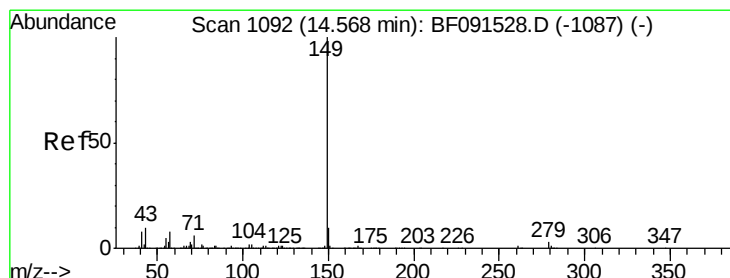
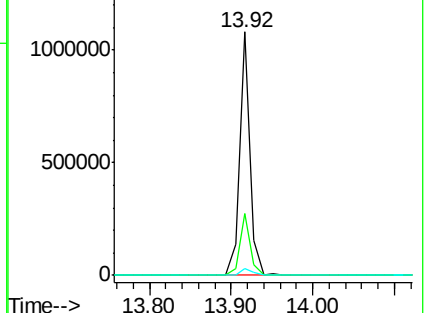
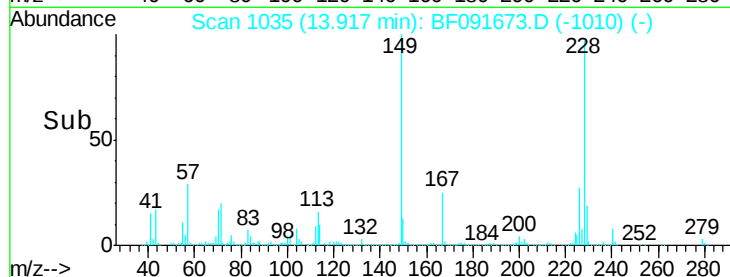
279 2.8 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.75 ng

RT: 14.52 min Scan# 1088

Delta R.T. -0.02 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

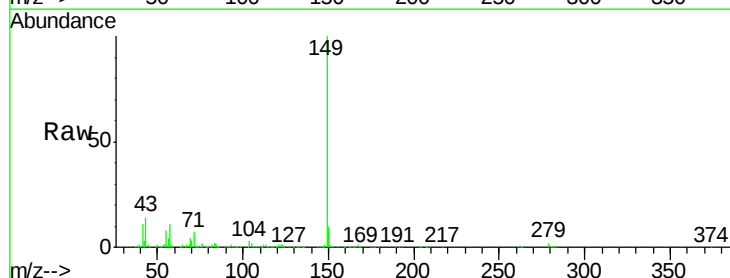
Tgt Ion:149 Resp: 1535445

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

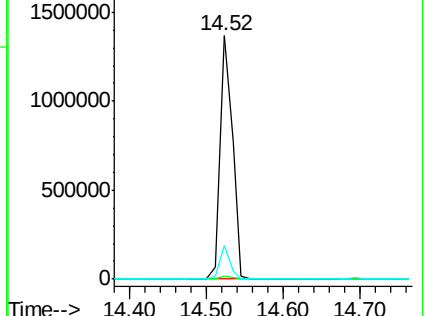
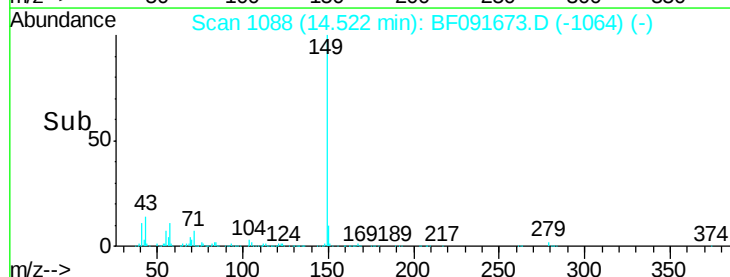
43 11.3 11.9 17.9#

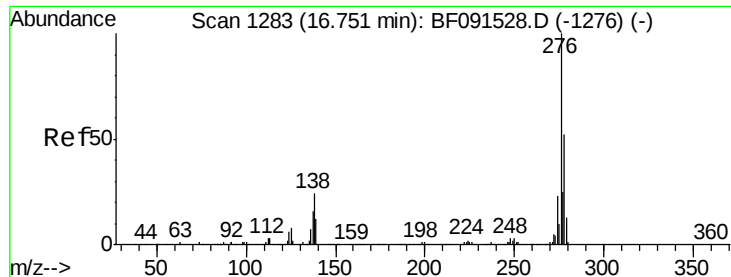


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

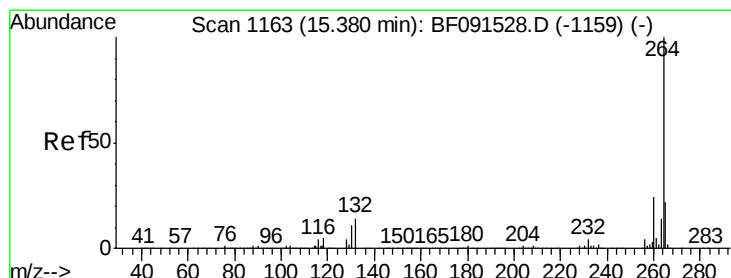
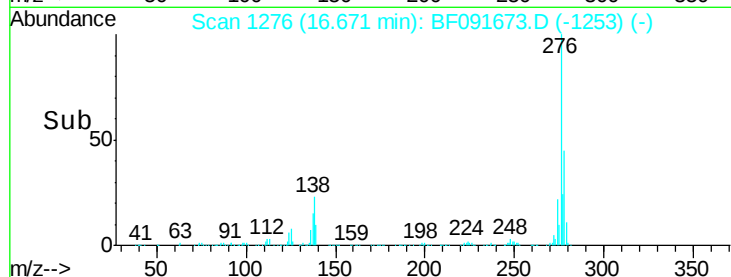
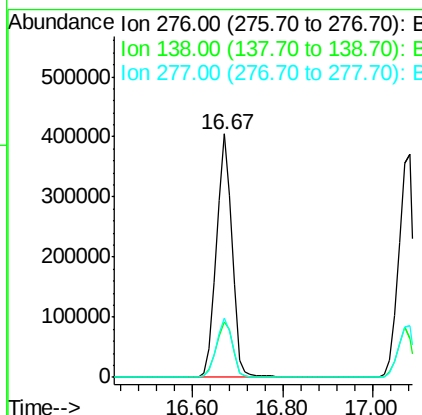
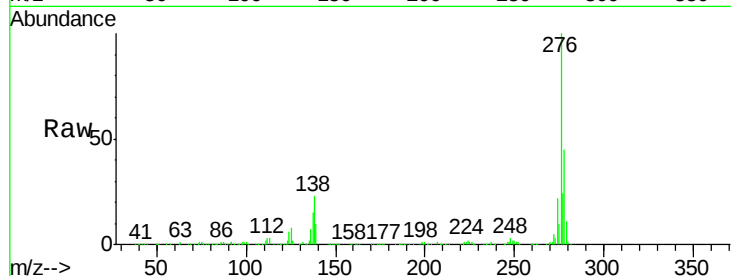




#85
Indeno(1,2,3-cd)pyrene
Concen: 32.98 ng
RT: 16.67 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

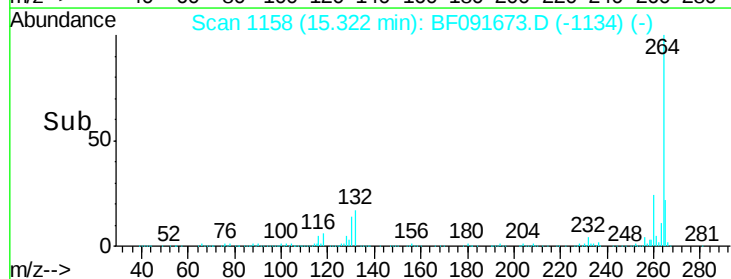
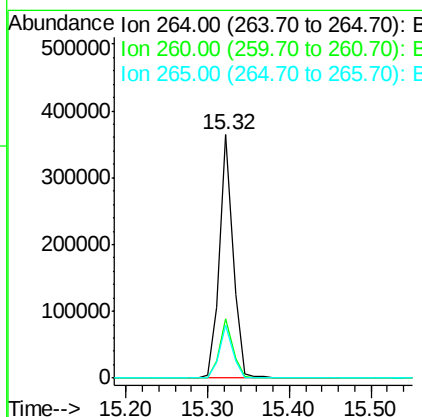
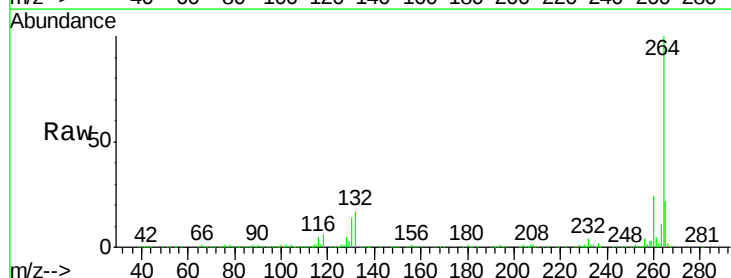
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

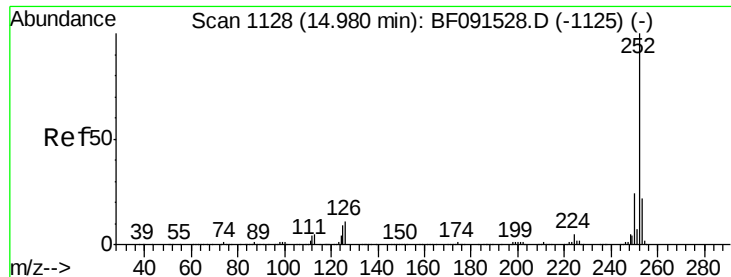
Tot Ion:276 Resp: 984686
Ion Ratio Lower Upper
276 100
138 24.0 21.0 31.4
277 24.9 20.2 30.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Tgt Ion:264 Resp: 421218
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 21.7 17.0 25.6

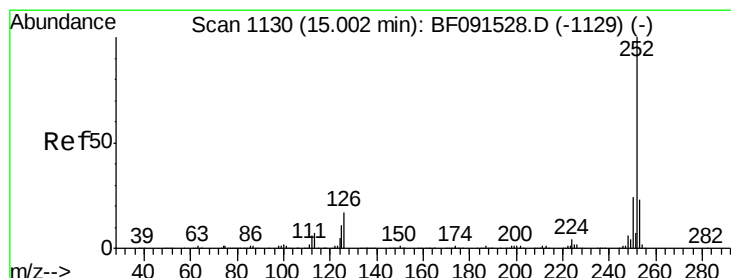
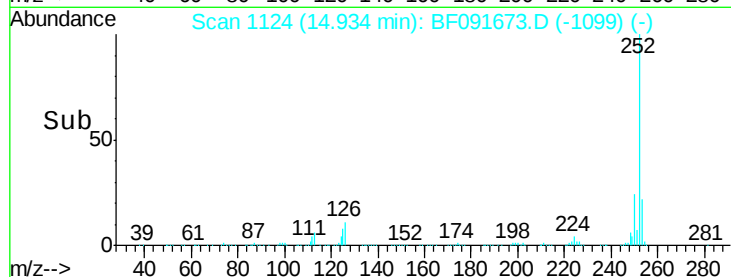
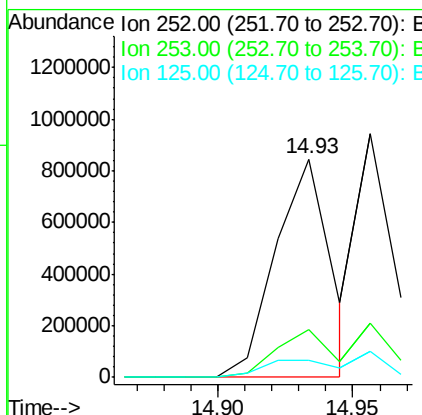
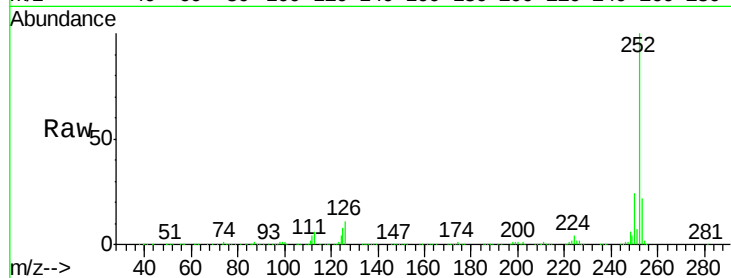




#87
Benzo(b)fluoranthene
Concen: 47.73 ng m
RT: 14.93 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

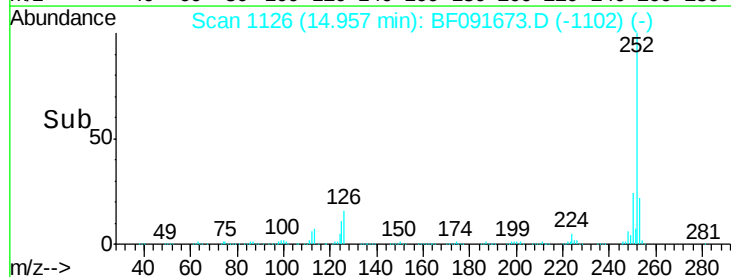
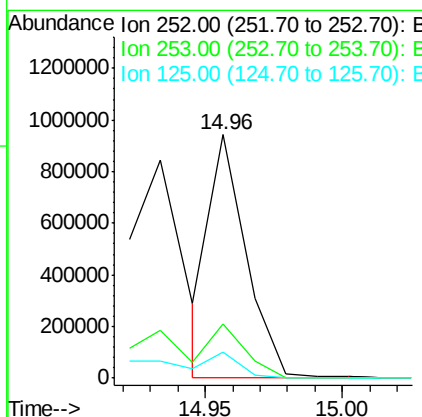
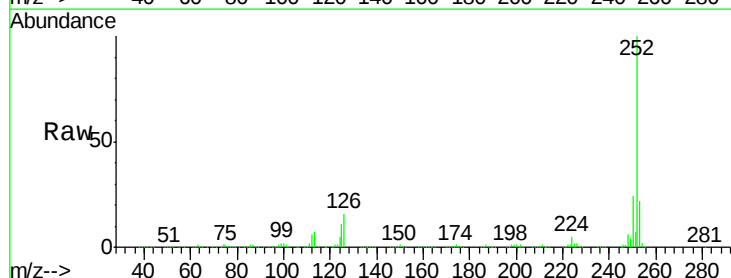
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

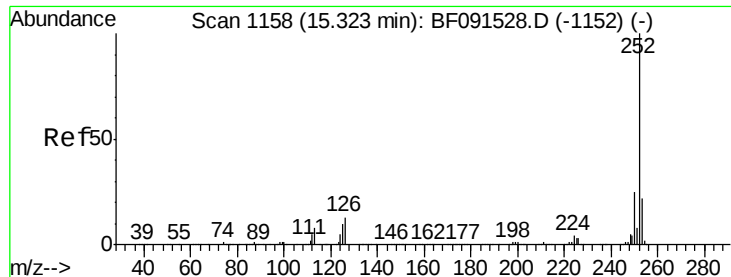
Tot Ion:252 Resp: 1198373
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 8.1 8.6 13.0#



#88
Benzo(k)fluoranthene
Concen: 39.72 ng m
RT: 14.96 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF091673.D
Acq: 16 Dec 2016 15:26

Tgt Ion:252 Resp: 877056
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.7 9.6 14.4





#89

Benzo(a)pyrene

Concen: 42.46 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

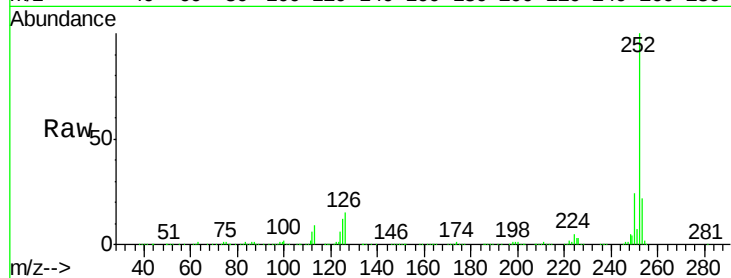
Tot Ion:252 Resp: 960414

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

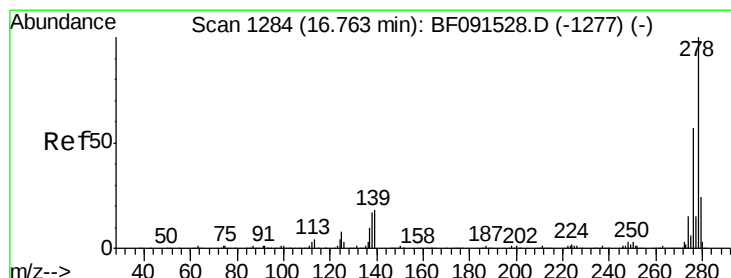
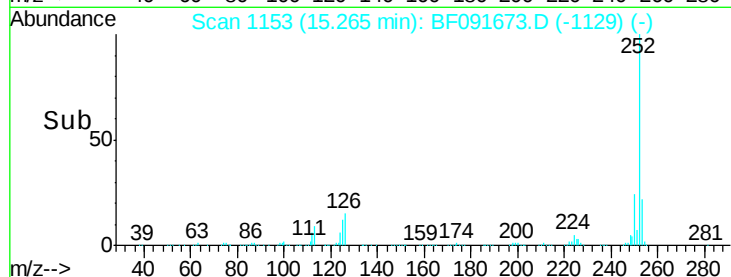
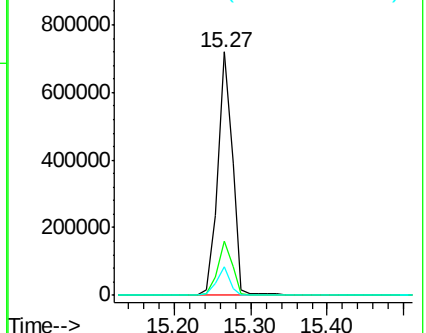
125 11.7 10.4 15.6



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: 41.03 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.03 min

Lab File: BF091673.D

Acq: 16 Dec 2016 15:26

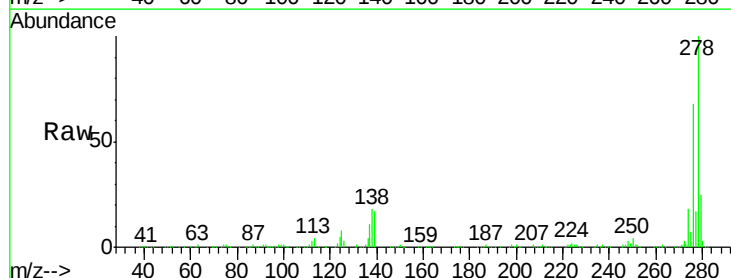
Tgt Ion:278 Resp: 831528

Ion Ratio Lower Upper

278 100

139 17.1 15.1 22.7

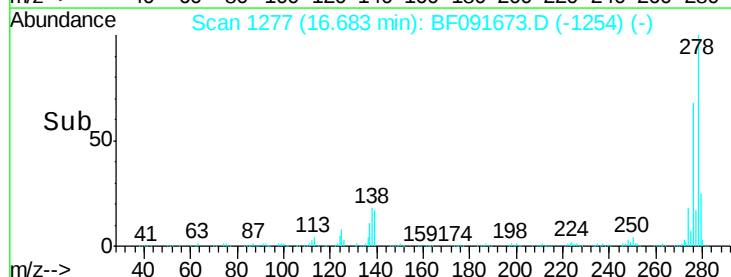
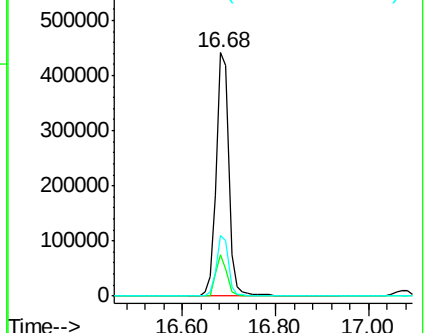
279 24.7 19.0 28.6

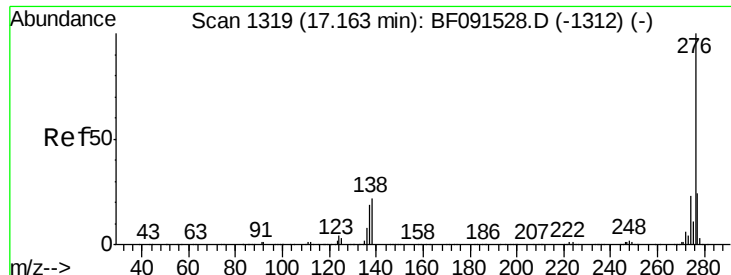


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

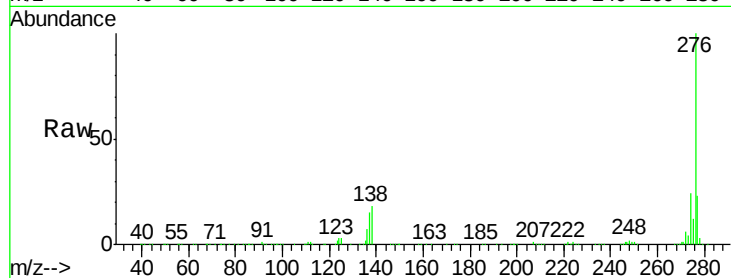




#91
 Benzo(a,h,i)perylene
 Concen: 40.33 ng
 RT: 17.08 min Scan# 1312
 Delta R.T. -0.03 min
 Lab File: BF091673.D
 Acq: 16 Dec 2016 15:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	17.5	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

