

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091503.D
 Acq On : 8 Dec 2016 14:59
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 09 00:16:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	112351	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	428984	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	277020	20.00	ng	-0.06
63) Phenanthrene-d10	11.34	188	448813	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	353602	20.00	ng	-0.07
86) Perylene-d12	15.39	264	271684	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	516168	75.05	ng	-0.06
7) Phenol-d6	6.46	99	761443	89.94	ng	-0.04
23) Nitrobenzene-d5	7.38	82	631337	82.48	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	225650	86.04	ng	-0.06
44) 2-Fluorobiphenyl	9.19	172	1377981	90.07	ng	-0.05
78) Terphenyl-d14	12.93	244	1456573	89.53	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	115308	37.06	ng	# 85
3) Pyridine	3.10	79	330872	37.58	ng	86
4) n-Nitrosodimethylamine	3.05	42	189526	41.03	ng	97
6) Aniline	6.48	93	489323	43.51	ng	# 72
8) 2-Chlorophenol	6.61	128	347269	46.05	ng	96
9) Benzaldehyde	6.37	77	206479	37.93	ng	80
10) Phenol	6.47	94	484776	48.66	ng	91
11) bis(2-Chloroethyl)ether	6.56	93	326834	45.92	ng	97
12) 1,3-Dichlorobenzene	6.76	146	342887m	40.88	ng	
13) 1,4-Dichlorobenzene	6.84	146	336600	40.34	ng	97
14) 1,2-Dichlorobenzene	7.00	146	336225	43.26	ng	93
15) Benzyl Alcohol	6.96	79	260585	38.46	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	623564	40.74	ng	71
17) 2-Methylphenol	7.08	107	232761	39.05	ng	# 74
18) Hexachloroethane	7.34	117	127353	42.99	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	233518	43.78	ng	# 85
20) 3+4-Methylphenols	7.24	107	296886	40.80	ng	# 53
22) Acetophenone	7.24	105	446087	43.87	ng	# 83
24) Nitrobenzene	7.41	77	377909	48.22	ng	# 90
25) Isophorone	7.65	82	567278	41.83	ng	99
26) 2-Nitrophenol	7.73	139	164641	46.10	ng	# 70
27) 2,4-Dimethylphenol	7.76	122	252640	37.81	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	364421	44.64	ng	98
29) 2,4-Dichlorophenol	7.97	162	274203	46.65	ng	95
30) 1,2,4-Trichlorobenzene	8.05	180	290945	44.15	ng	99
31) Naphthalene	8.13	128	860220	42.19	ng	99
32) Benzoic acid	7.89	122	230098	46.72	ng	94
33) 4-Chloroaniline	8.18	127	384429	44.11	ng	# 92
34) Hexachlorobutadiene	8.25	225	202869	50.07	ng	99
35) Caprolactam	8.55	113	75292	44.57	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	320370	50.49	ng	# 85
37) 2-Methylnaphthalene	8.82	142	652977	47.14	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	315668	40.42	ng	99
40) Hexachlorocyclopentadiene	8.97	237	150626	41.61	ng	100

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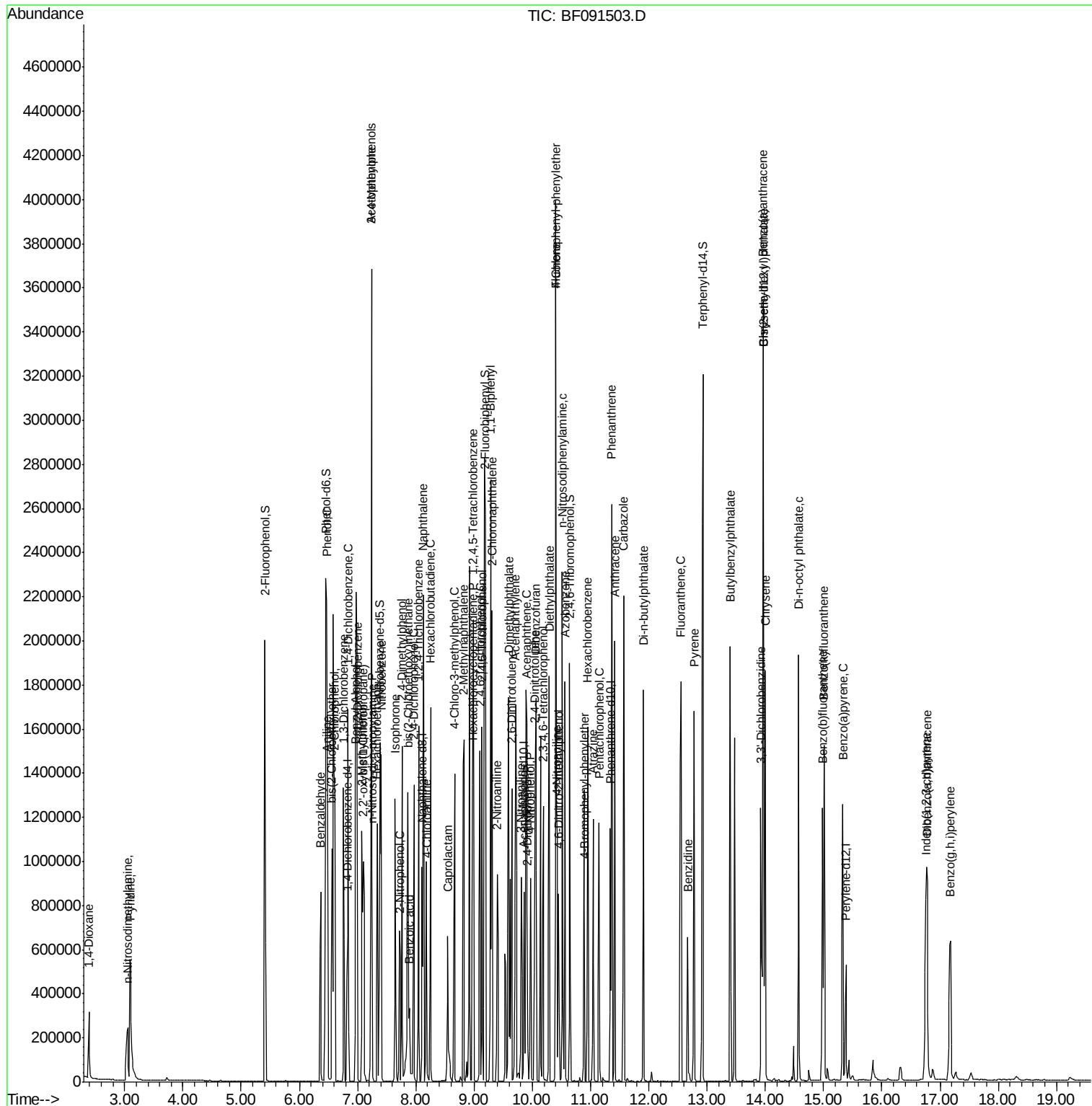
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	227978	44.92	ng	95
43) 2,4,5-Trichlorophenol	9.13	196	213144m	41.91	ng	
45) 1,1'-Biphenyl	9.28	154	771268	38.72	ng	97
46) 2-Chloronaphthalene	9.30	162	577408	38.92	ng	99
47) 2-Nitroaniline	9.40	65	215876	40.52	ng	# 74
48) Acenaphthylene	9.72	152	907055	38.84	ng	99
49) Dimethylphthalate	9.59	163	753811	44.94	ng	99
50) 2,6-Dinitrotoluene	9.65	165	182164	48.59	ng	# 80
51) Acenaphthene	9.90	154	657044	41.71	ng	97
52) 3-Nitroaniline	9.81	138	169054	38.96	ng	83
53) 2,4-Dinitrophenol	9.91	184	81134	49.49	ng	# 67
54) Dibenzofuran	10.06	168	851127	40.36	ng	100
55) 4-Nitrophenol	9.97	139	119567	38.15	ng	89
56) 2,4-Dinitrotoluene	10.05	165	242716	49.91	ng	# 83
57) Fluorene	10.40	166	652515	40.30	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	201034m	46.29	ng	
59) Diethylphthalate	10.29	149	733257	44.29	ng	95
60) 4-Chlorophenyl-phenylether	10.40	204	344763	42.45	ng	94
61) 4-Nitroaniline	10.42	138	173558	42.59	ng	84
62) Azobenzene	10.56	77	774492	45.84	ng	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	126825	51.29	ng	93
65) n-Nitrosodiphenylamine	10.52	169	542078	39.84	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	219949	45.59	ng	# 74
67) Hexachlorobenzene	10.95	284	209905	40.27	ng	# 84
68) Atrazine	11.04	200	176631	40.08	ng	97
69) Pentachlorophenol	11.14	266	142028	46.28	ng	95
70) Phenanthrene	11.36	178	916221	39.29	ng	100
71) Anthracene	11.42	178	1035571	44.74	ng	98
72) Carbazole	11.57	167	849791	40.46	ng	98
73) Di-n-butylphthalate	11.91	149	1041184	43.74	ng	98
74) Fluoranthene	12.55	202	1070855	48.48	ng	96
76) Benzidine	12.67	184	256505	24.71	ng	99
77) Pyrene	12.78	202	1090975	40.66	ng	99
79) Butylbenzylphthalate	13.40	149	425071	42.30	ng	91
80) Benzo(a)anthracene	13.96	228	944147	45.66	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	308634	42.37	ng	# 96
82) Chrysene	14.00	228	961334	46.98	ng	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	603736	47.40	ng	# 90
84) Di-n-octyl phthalate	14.57	149	897537	46.57	ng	96
85) Indeno(1,2,3-cd)pyrene	16.76	276	696194	37.15	ng	# 92
87) Benzo(b)fluoranthene	14.99	252	792611m	46.94	ng	
88) Benzo(k)fluoranthene	15.01	252	614042m	43.24	ng	
89) Benzo(a)pyrene	15.33	252	653572	43.10	ng	# 93
90) Dibenzo(a,h)anthracene	16.78	278	598712	42.68	ng	# 92
91) Benzo(g,h,i)perylene	17.18	276	607492	42.01	ng	# 93

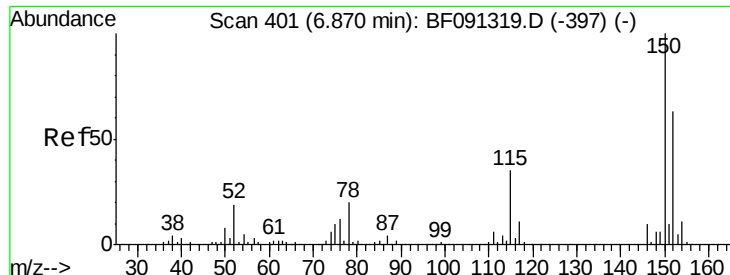
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 09 00:16:15 2016
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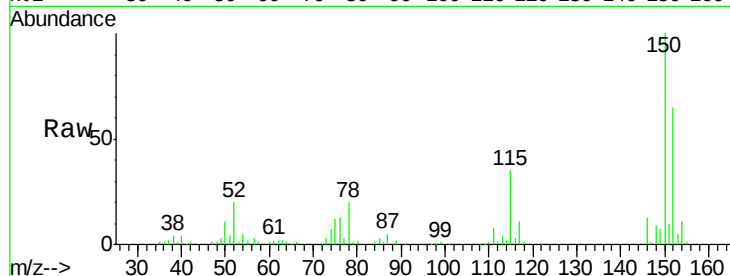




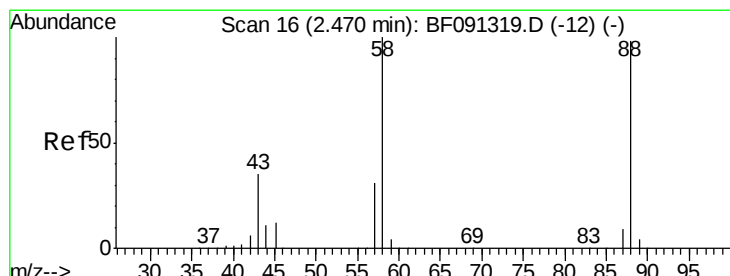
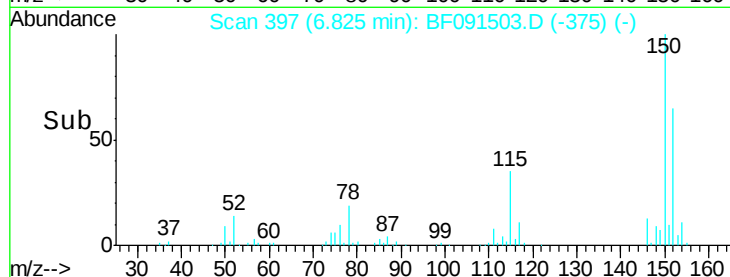
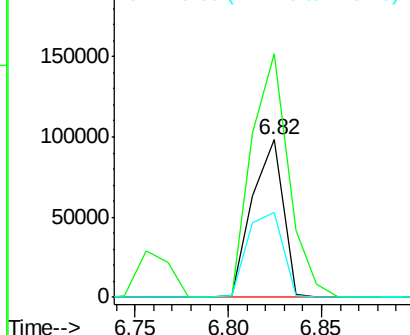
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 397
 Delta R.T. -0.05 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 152 Resp: 112351
 Ion Ratio Lower Upper
 152 100
 150 154.3 122.5 183.7
 115 53.6 51.8 77.8

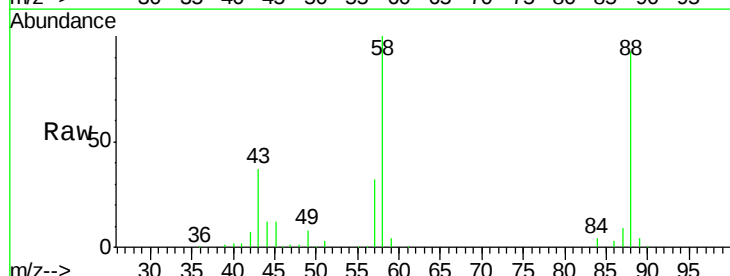


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

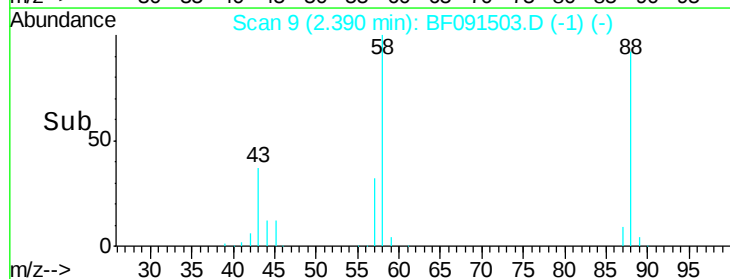
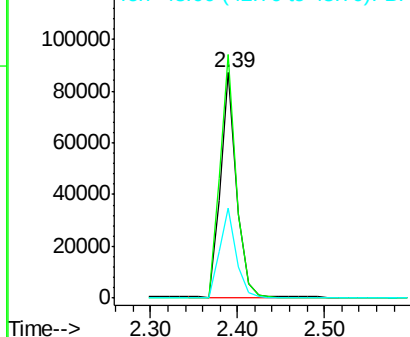


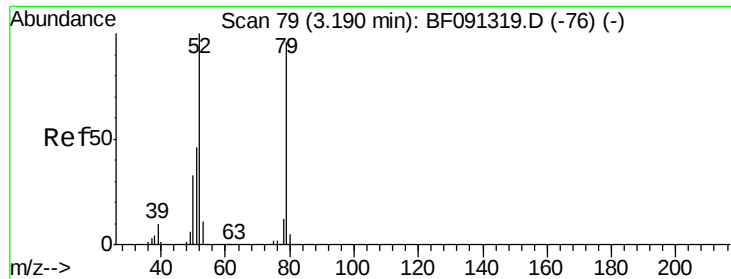
#2
 1,4-Dioxane
 Concen: 37.06 ng
 RT: 2.39 min Scan# 9
 Delta R.T. -0.11 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

Tgt Ion: 88 Resp: 115308
 Ion Ratio Lower Upper
 88 100
 58 106.9 70.3 105.5#
 43 40.4 31.3 46.9



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.58 ng

RT: 3.10 min Scan# 71

Delta R.T. -0.12 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

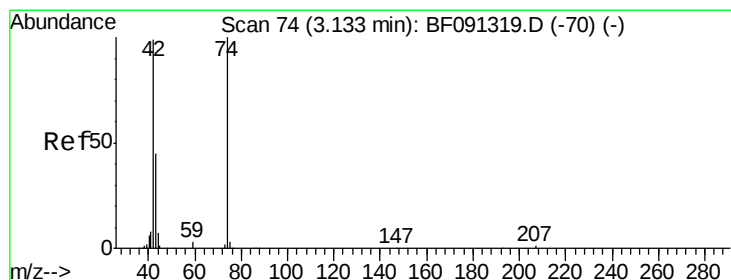
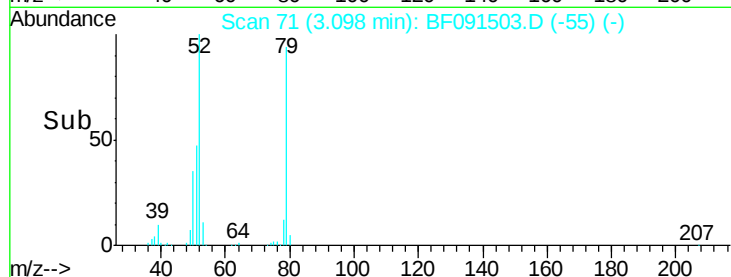
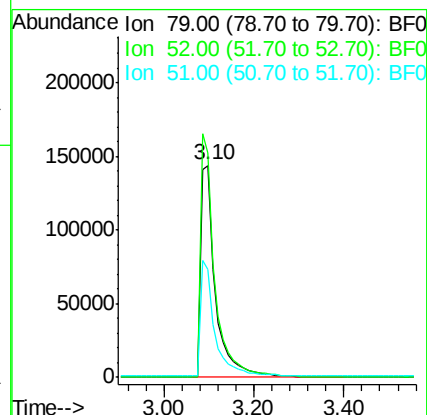
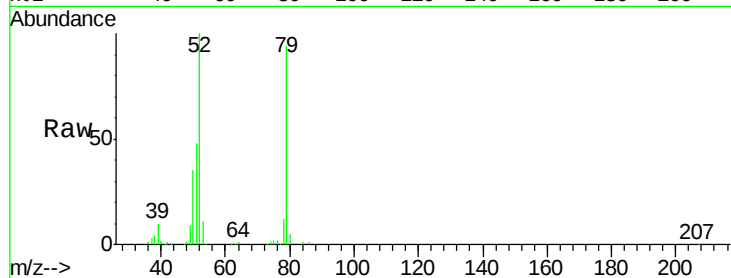
Tgt Ion: 79 Resp: 330872

Ion Ratio Lower Upper

79 100

52 105.9 71.0 106.4

51 50.6 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 41.03 ng

RT: 3.05 min Scan# 67

Delta R.T. -0.12 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

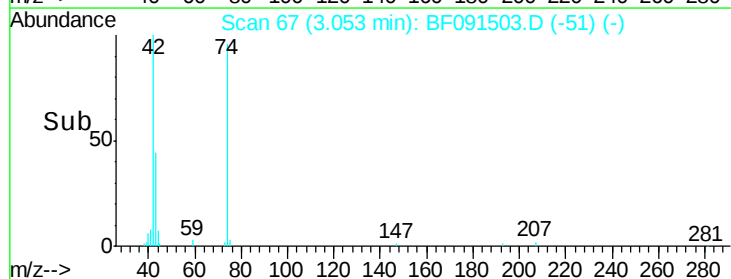
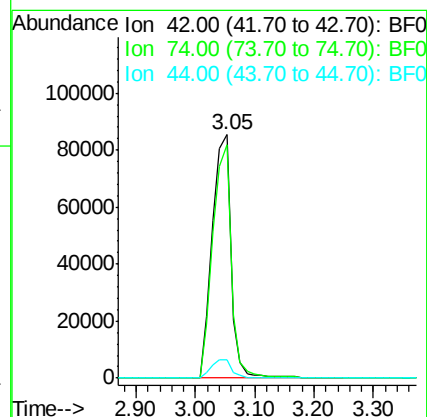
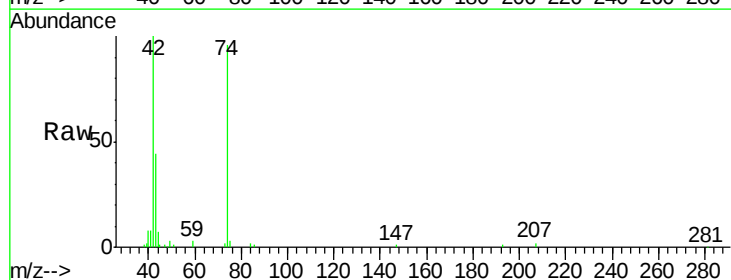
Tgt Ion: 42 Resp: 189526

Ion Ratio Lower Upper

42 100

74 95.8 78.9 118.3

44 7.5 5.8 8.6





#5

2-Fluorophenol

Concen: 75.05 ng

RT: 5.41 min Scan# 273

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

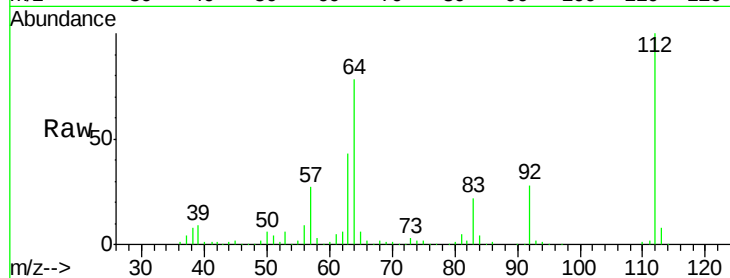
Tgt Ion: 112 Resp: 516168

Ion Ratio Lower Upper

112 100

64 78.3 61.5 92.3

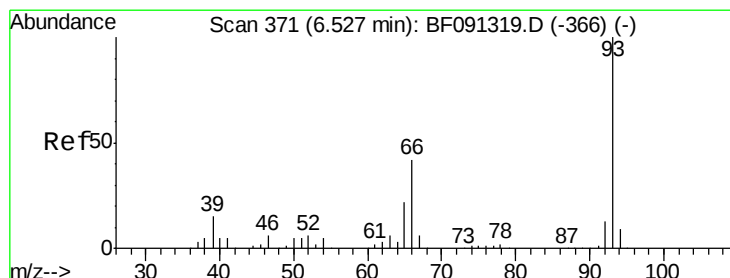
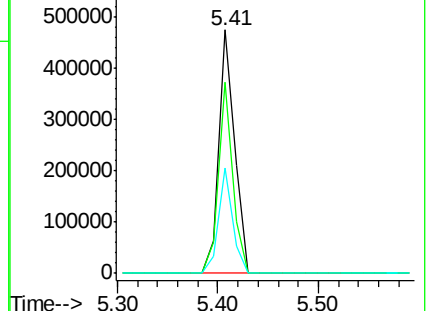
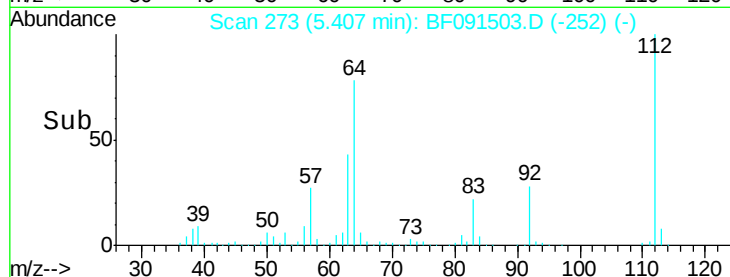
63 43.1 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 43.51 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

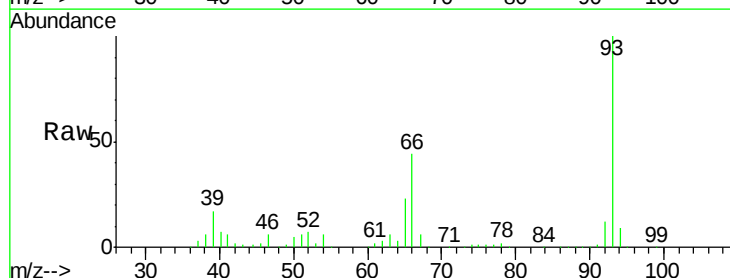
Tgt Ion: 93 Resp: 489323

Ion Ratio Lower Upper

93 100

66 44.4 55.8 83.6#

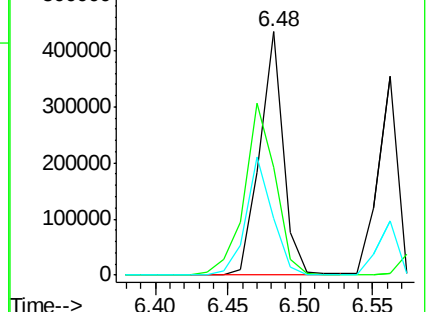
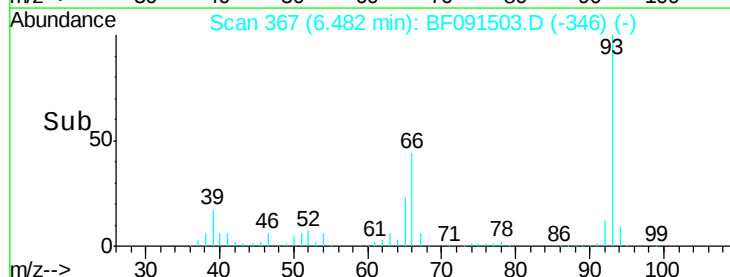
65 23.5 29.9 44.9#

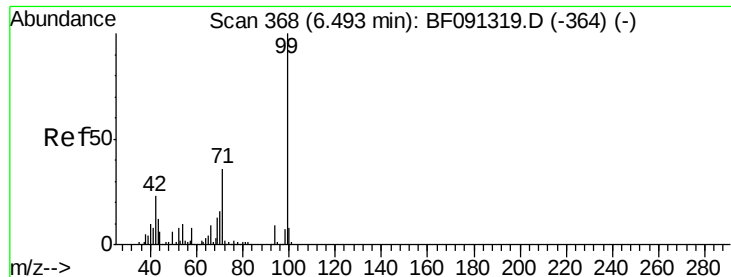


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 89.94 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.04 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

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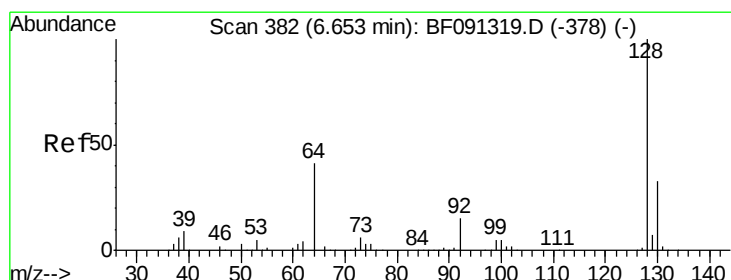
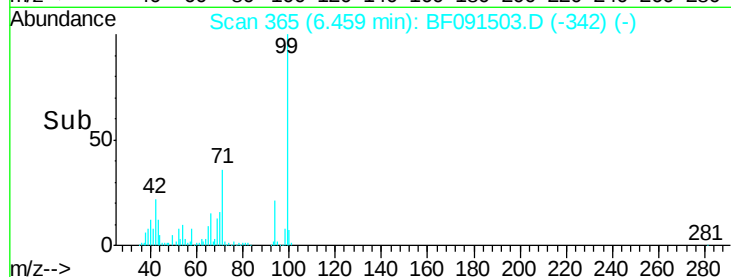
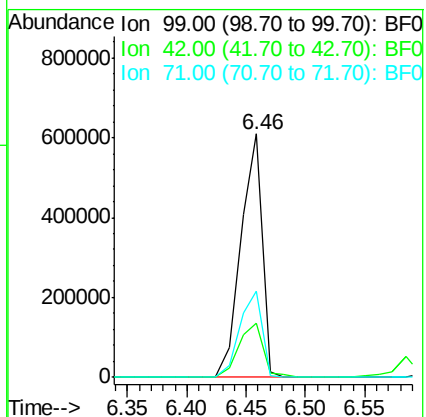
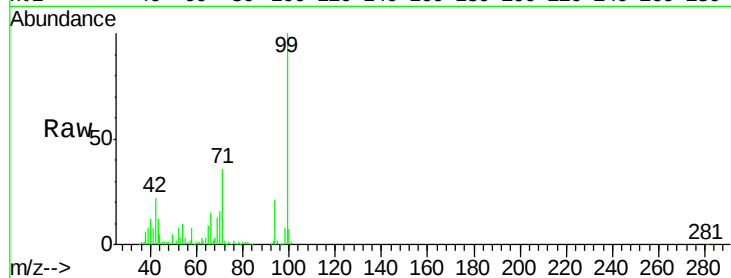
Tgt Ion: 99 Resp: 761443

Ion Ratio Lower Upper

99 100

42 22.4 20.6 31.0

71 35.7 29.9 44.9



#8

2-Chlorophenol

Concen: 46.05 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.05 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

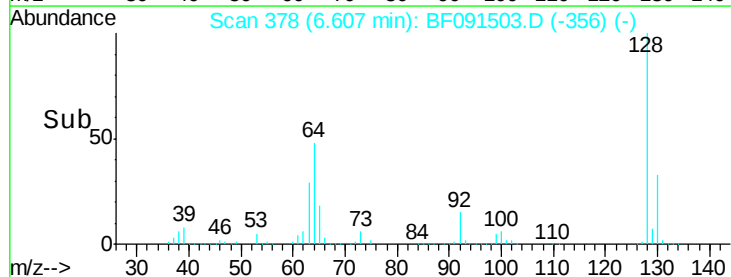
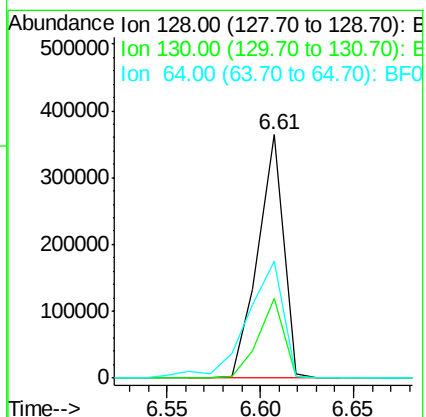
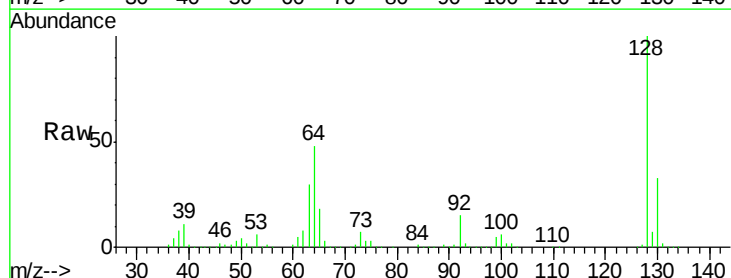
Tgt Ion: 128 Resp: 347269

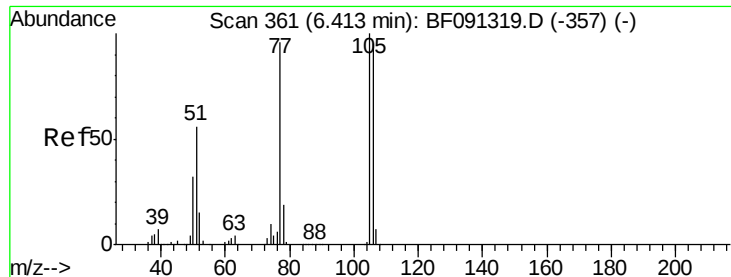
Ion Ratio Lower Upper

128 100

130 32.7 13.1 53.1

64 47.9 24.1 64.1





#9

Benzaldehyde

Concen: 37.93 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.05 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

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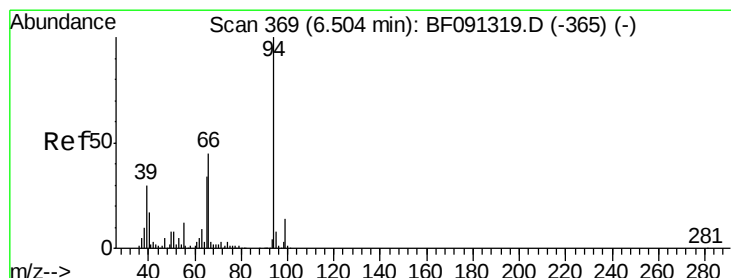
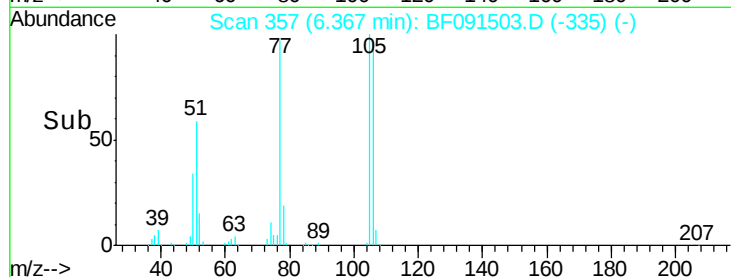
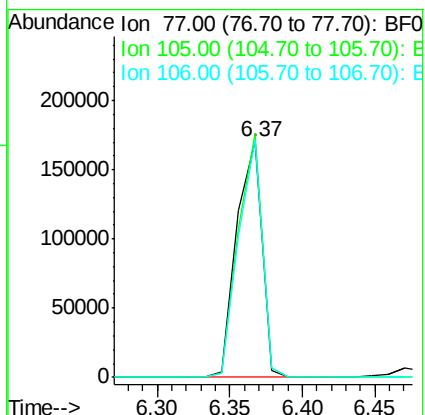
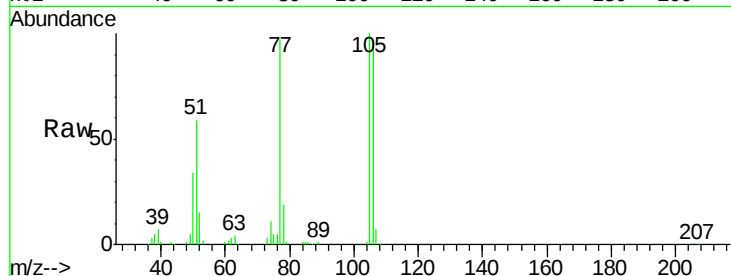
Tgt Ion: 77 Resp: 206479

Ion Ratio Lower Upper

77 100

105 103.3 66.4 106.4

106 100.6 60.9 100.9



#10

Phenol

Concen: 48.66 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.05 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

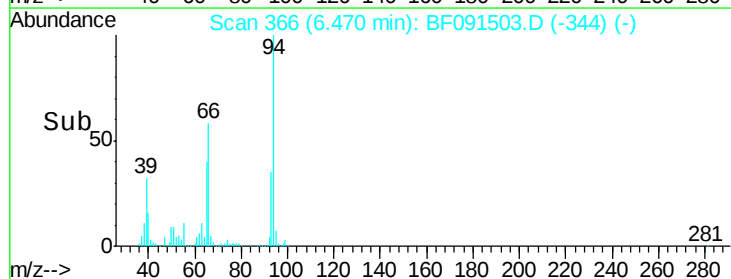
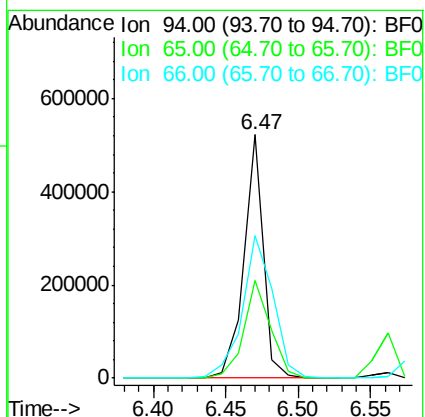
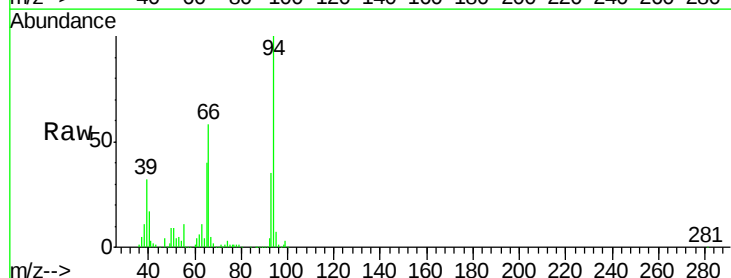
Tgt Ion: 94 Resp: 484776

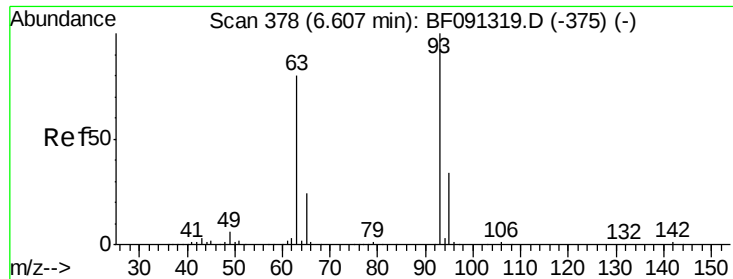
Ion Ratio Lower Upper

94 100

65 40.2 16.9 56.9

66 58.5 30.6 70.6

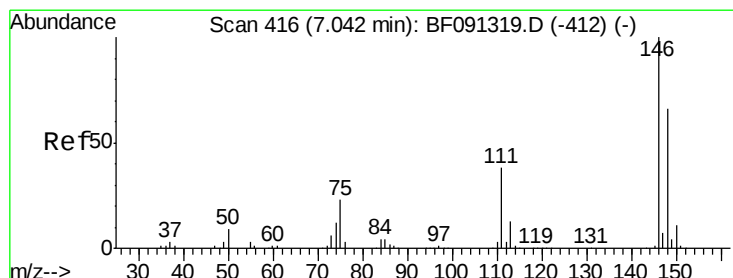
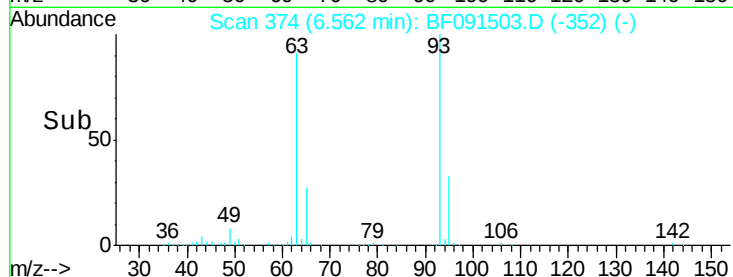
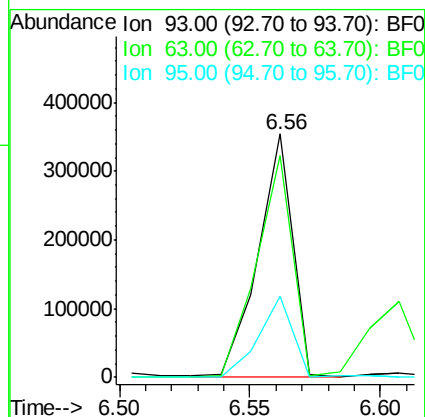
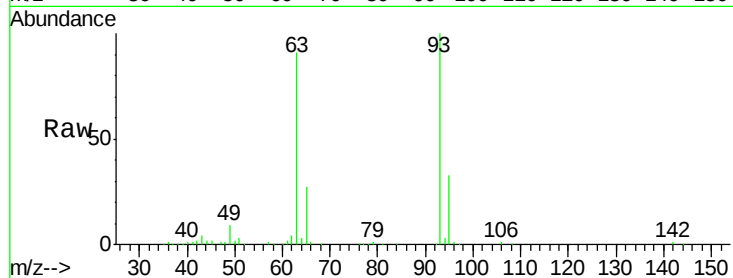




#11
bis(2-Chloroethyl)ether
Concen: 45.92 ng
RT: 6.56 min Scan# 374
Delta R.T. -0.05 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

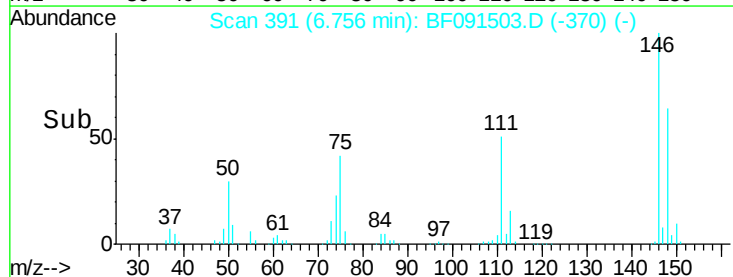
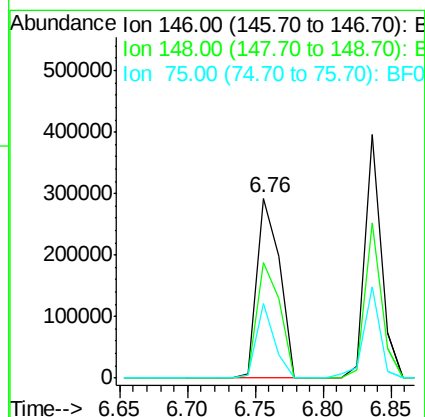
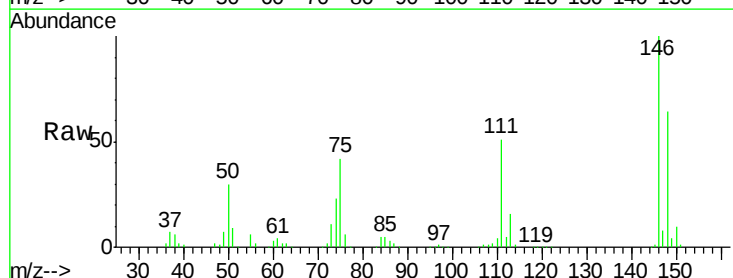
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

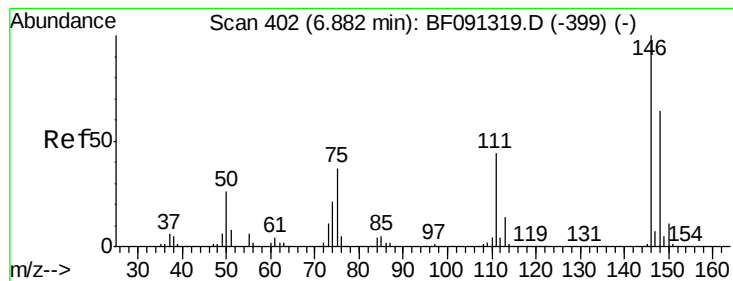
Tgt Ion: 93 Resp: 326834
Ion Ratio Lower Upper
93 100
63 91.0 74.8 114.8
95 33.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.88 ng m
RT: 6.76 min Scan# 391
Delta R.T. -0.06 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

Tgt Ion: 146 Resp: 342887
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
75 41.8 23.6 35.4#





#13

1,4-Dichlorobenzene

Concen: 40.34 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

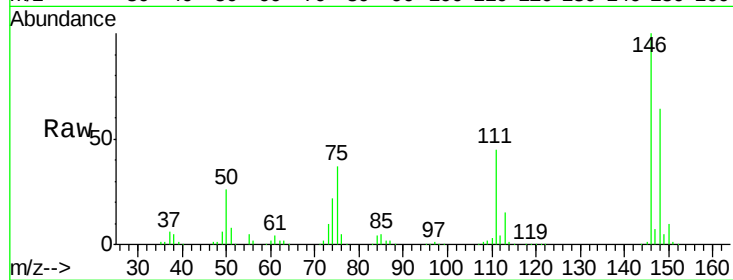
Tgt Ion:146 Resp: 336600

Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.0

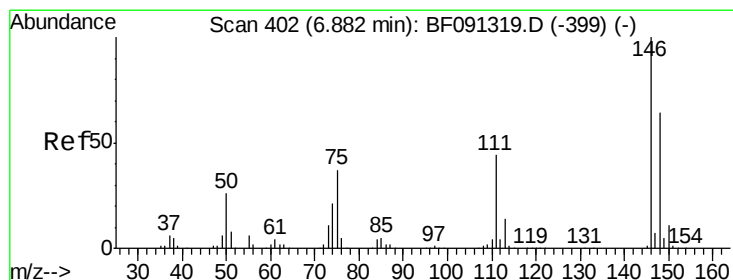
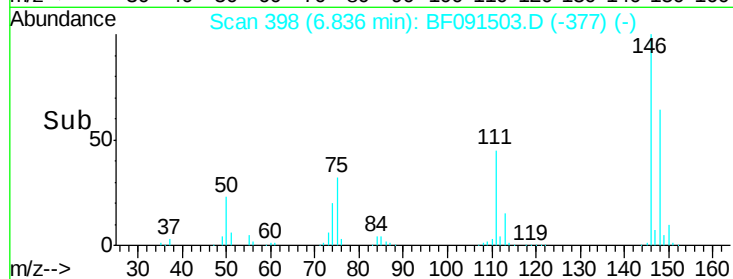
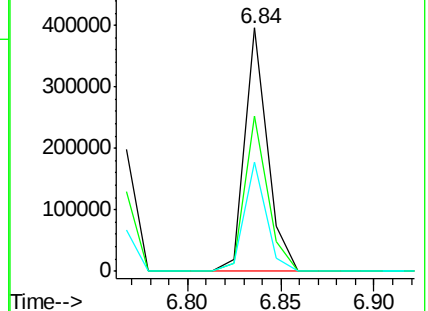
111 44.8 32.2 48.2



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: 43.26 ng

RT: 7.00 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

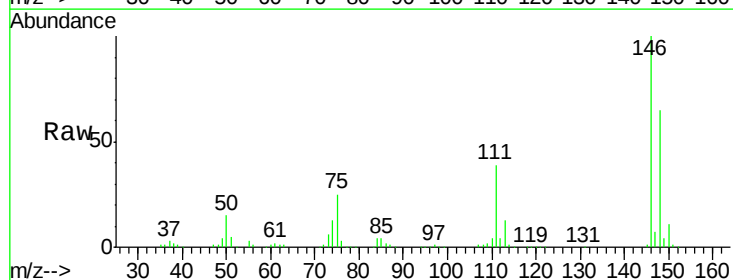
Tgt Ion:146 Resp: 336225

Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.6

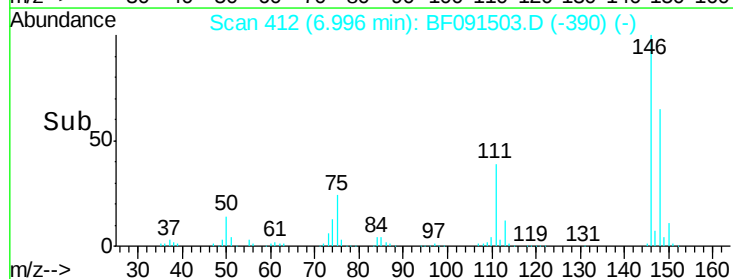
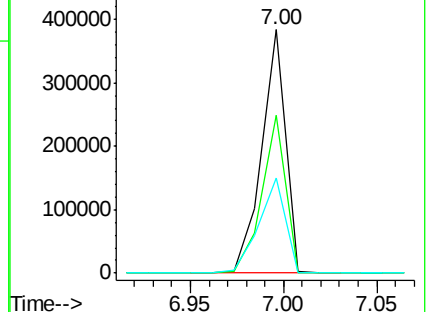
111 39.0 38.9 58.3



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: 38.46 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

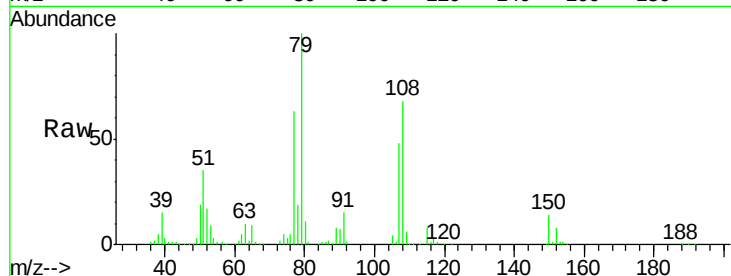
Tgt Ion: 79 Resp: 260585

Ion Ratio Lower Upper

79 100

108 68.4 62.7 94.1

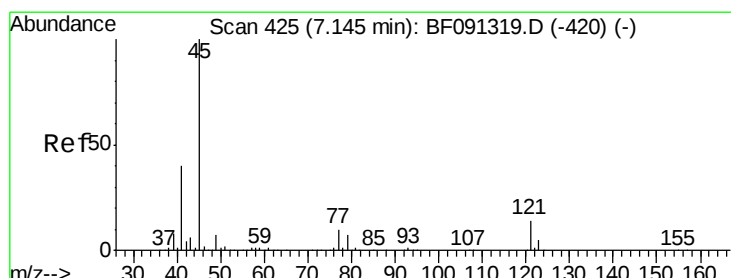
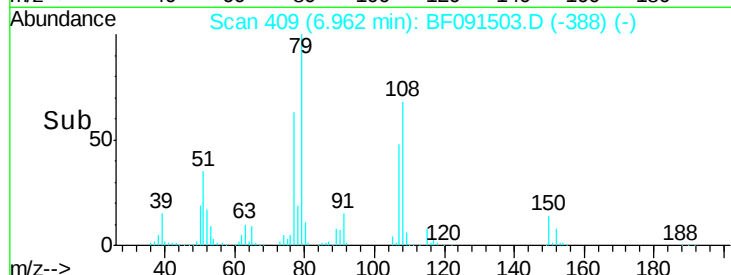
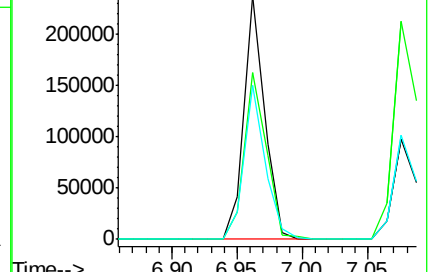
77 63.4 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.74 ng

RT: 7.10 min Scan# 421

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

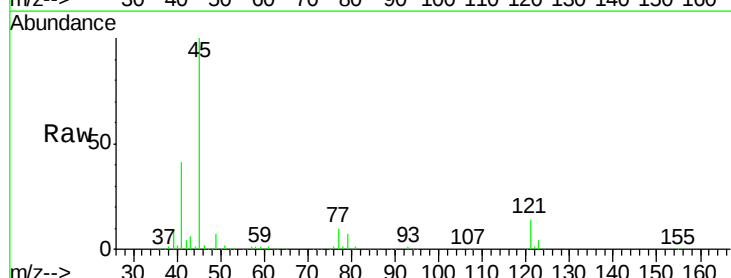
Tgt Ion: 45 Resp: 623564

Ion Ratio Lower Upper

45 100

77 9.5 3.8 43.8

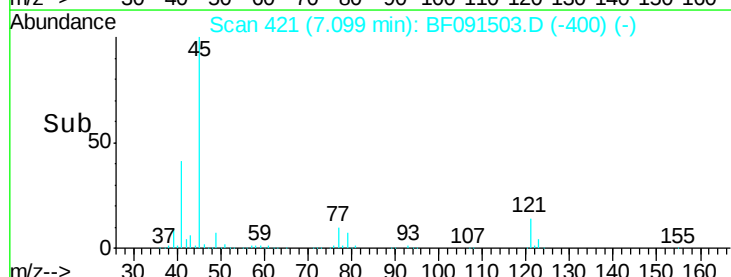
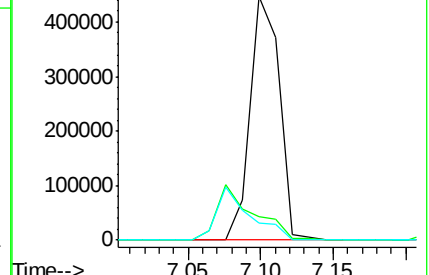
79 6.9 0.2 40.2

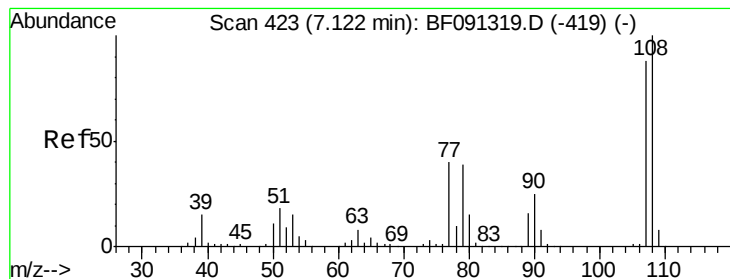


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.05 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 232761

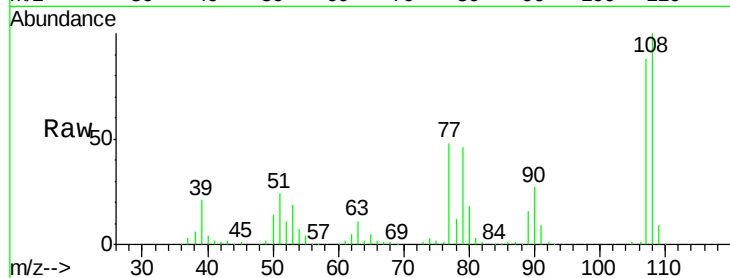
Ion Ratio Lower Upper

107 100

108 114.2 67.7 101.5#

77 54.3 40.7 61.1

79 52.3 23.4 35.2#

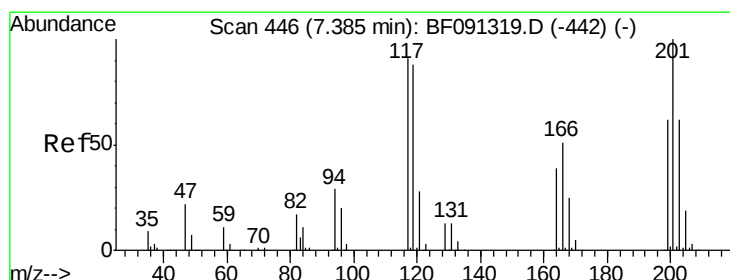
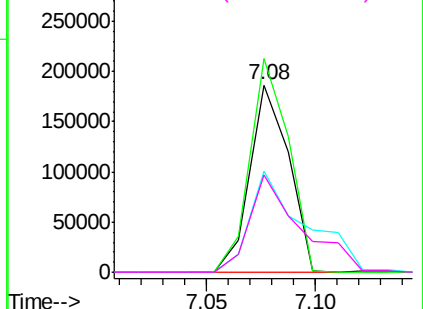
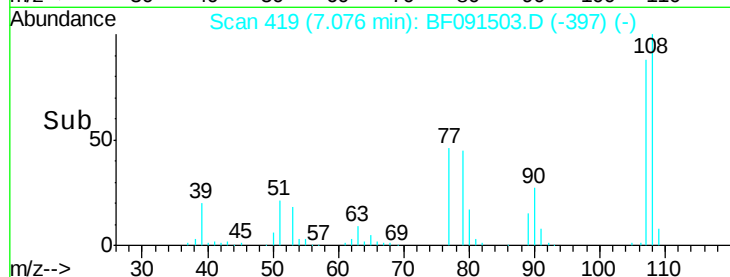


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 42.99 ng

RT: 7.34 min Scan# 442

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

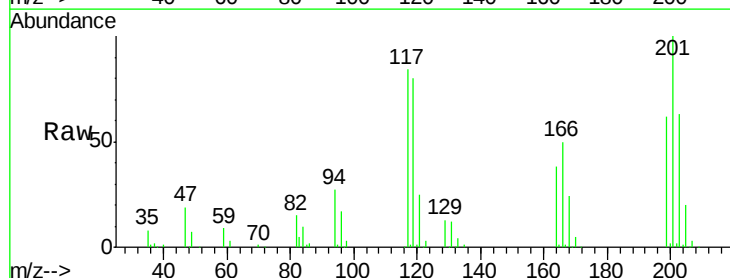
Tgt Ion:117 Resp: 127353

Ion Ratio Lower Upper

117 100

119 95.3 78.6 118.0

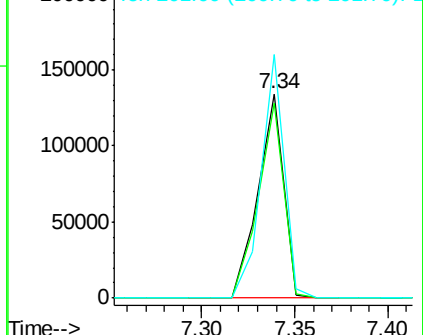
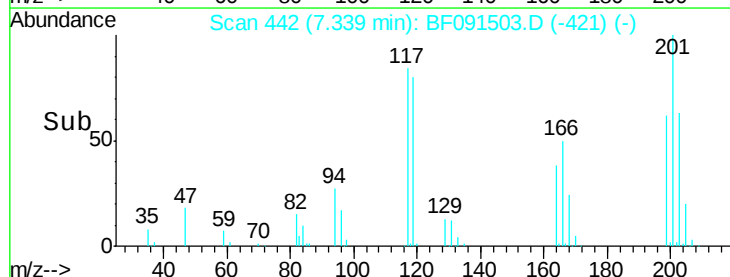
201 119.0 86.7 130.1

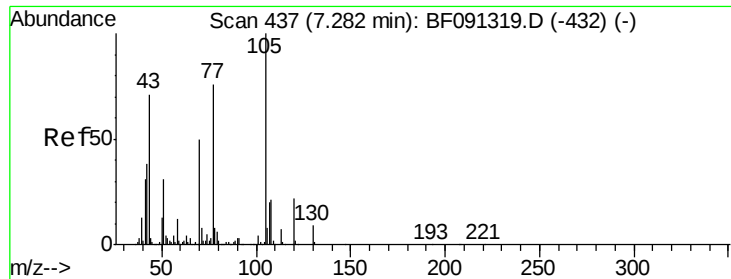


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

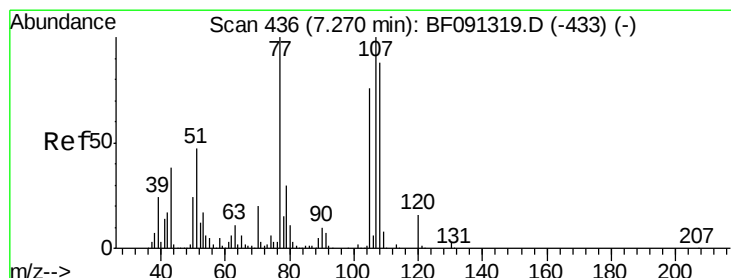
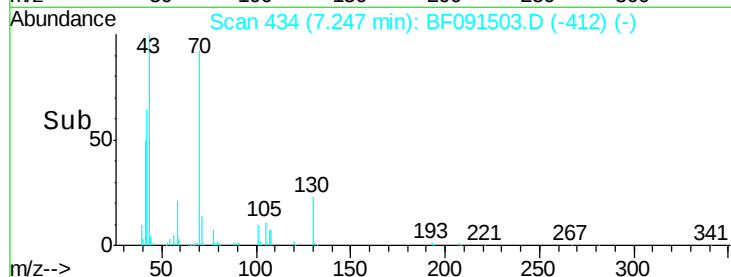
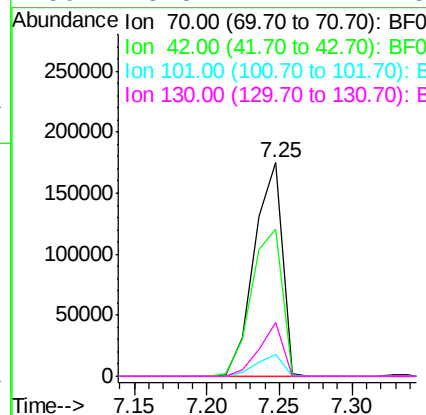
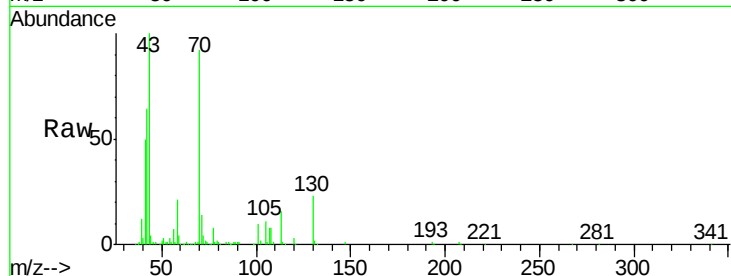




#19
n-Nitroso-di-n-propylamine
Concen: 43.78 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.05 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

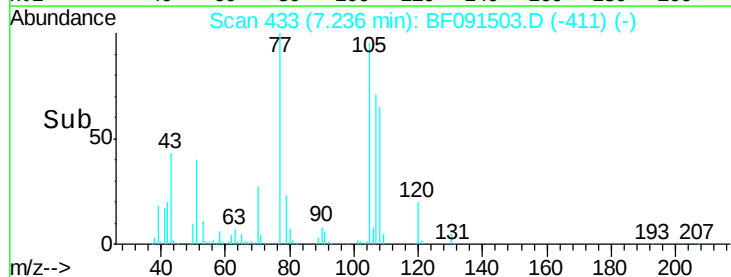
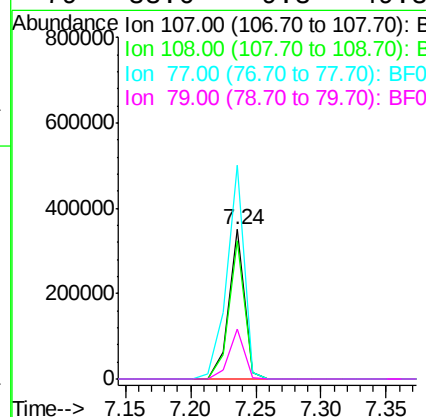
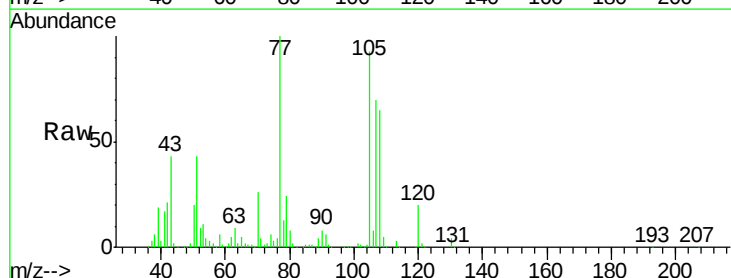
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

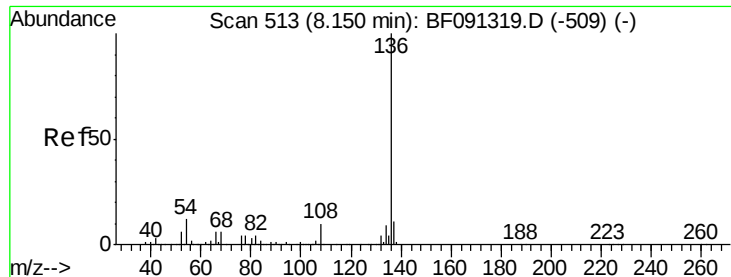
Tgt Ion:	70	Resp:	233518
Ion	Ratio	Lower	Upper
70	100		
42	69.0	64.8	97.2
101	10.3	6.2	9.4#
130	25.3	11.7	17.5#



#20
3+4-Methylphenols
Concen: 40.80 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.05 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

Tgt Ion:	107	Resp:	296886
Ion	Ratio	Lower	Upper
107	100		
108	92.7	64.6	104.6
77	143.0	30.9	70.9#
79	33.6	9.3	49.3

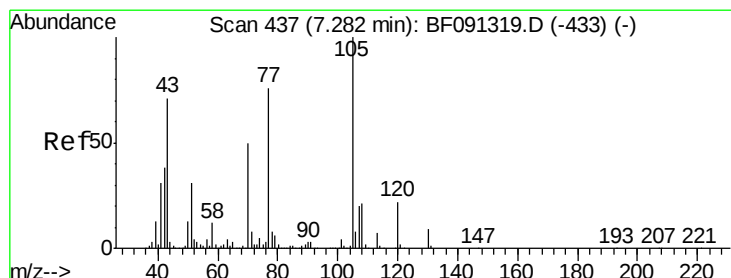
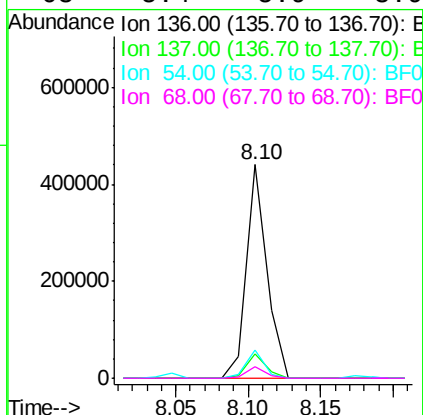
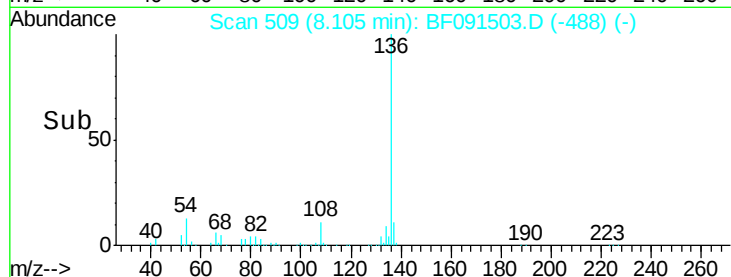
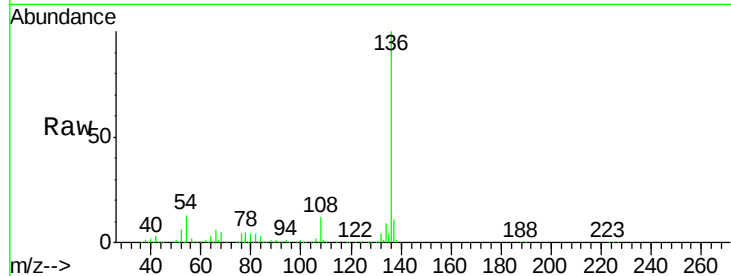




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.06 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

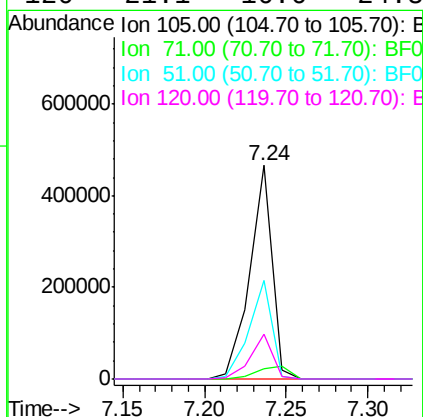
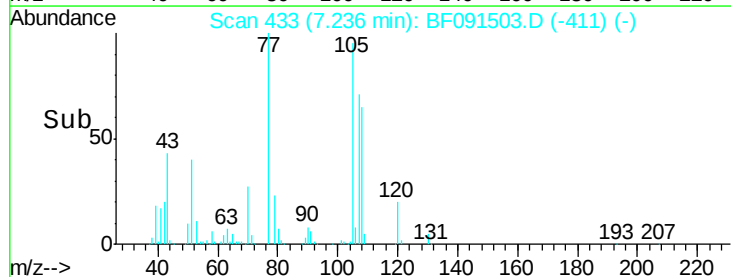
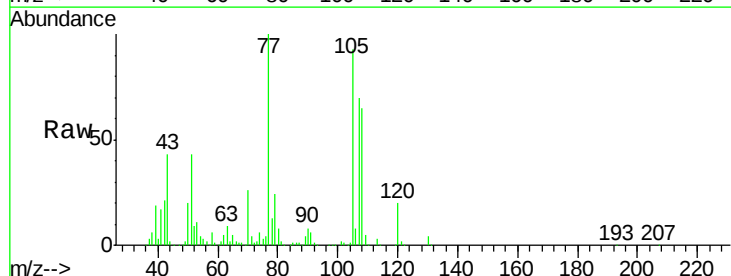
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	428984
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	13.0	9.1	13.7
68	5.4	5.9	8.9#



#22
Acetophenone
Concen: 43.87 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.05 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

Tgt Ion:	105	Resp:	446087
Ion	Ratio	Lower	Upper
105	100		
71	4.7	7.9	11.9#
51	46.2	24.5	36.7#
120	21.1	16.6	24.8

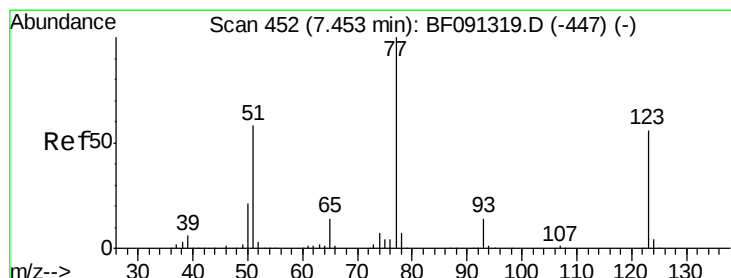
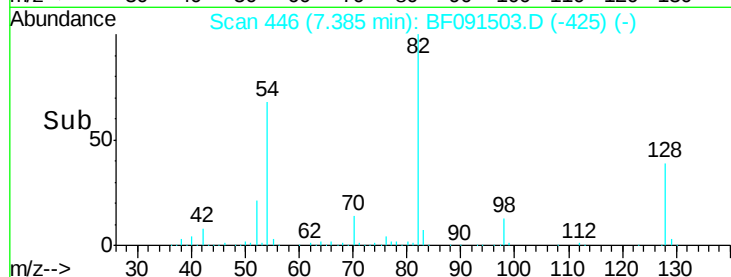
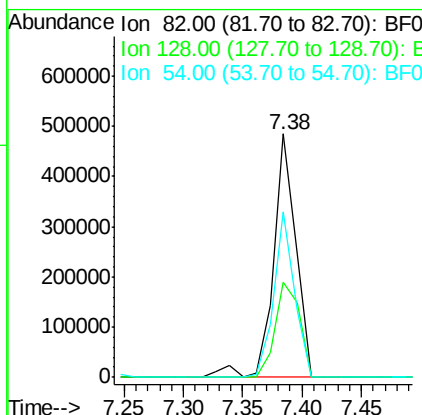
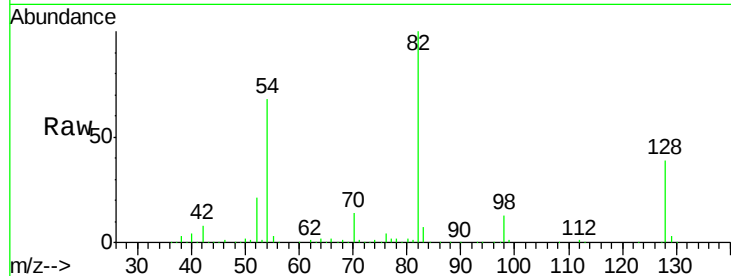




#23
 Nitrobenzene-d5
 Concen: 82.48 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.06 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

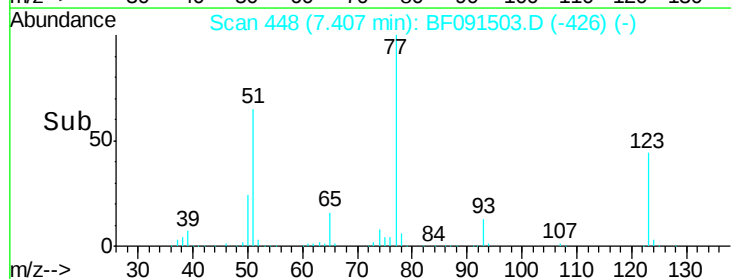
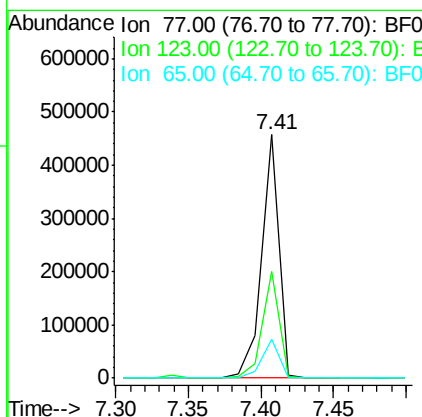
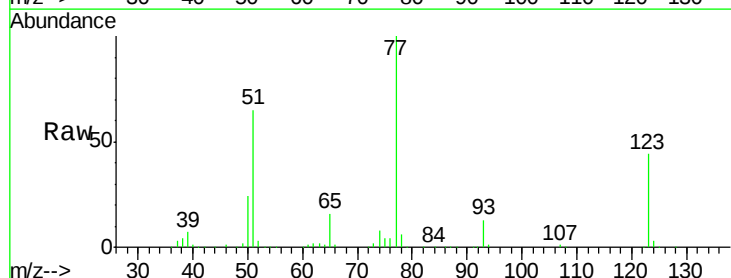
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 631337
 Ion Ratio Lower Upper
 82 100
 128 39.3 31.8 47.6
 54 67.9 49.1 73.7



#24
 Nitrobenzene
 Concen: 48.22 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.05 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

Tgt Ion: 77 Resp: 377909
 Ion Ratio Lower Upper
 77 100
 123 43.9 28.5 42.7#
 65 15.8 12.5 18.7





#25

Isophorone

Concen: 41.83 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

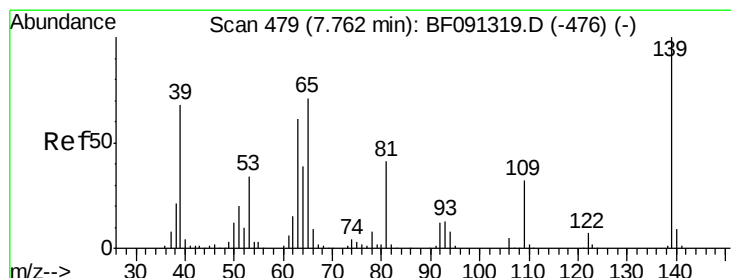
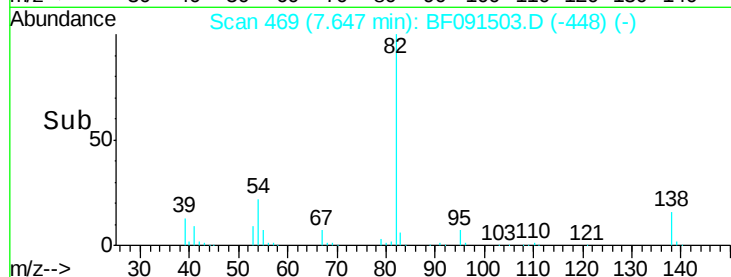
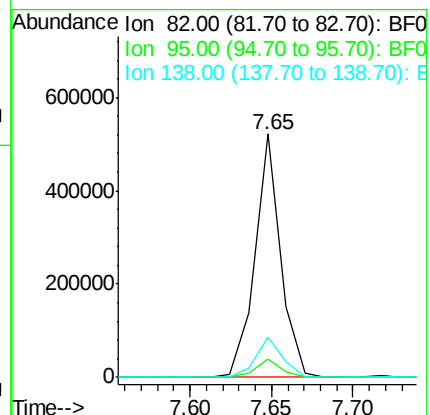
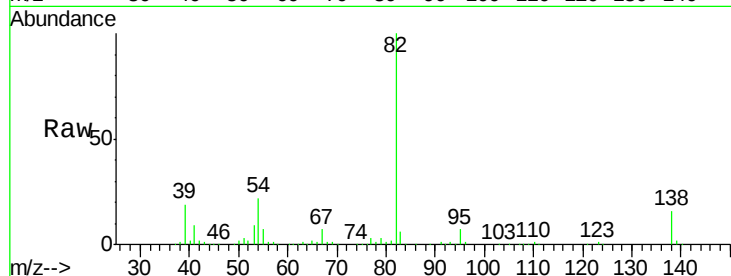
Tgt Ion: 82 Resp: 567278

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

138 16.4 13.4 20.0



#26

2-Nitrophenol

Concen: 46.10 ng

RT: 7.73 min Scan# 476

Delta R.T. -0.05 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

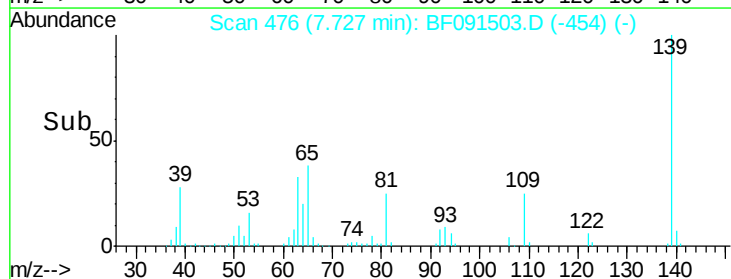
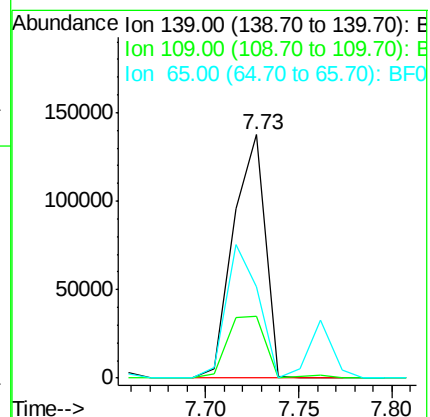
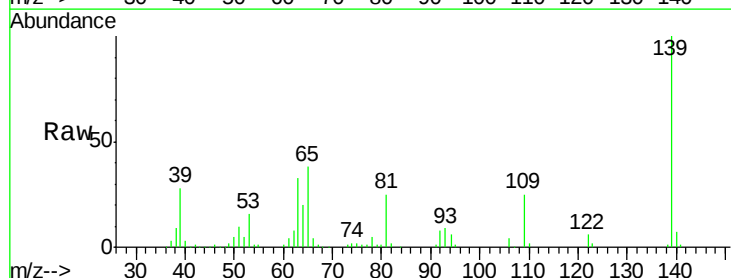
Tgt Ion: 139 Resp: 164641

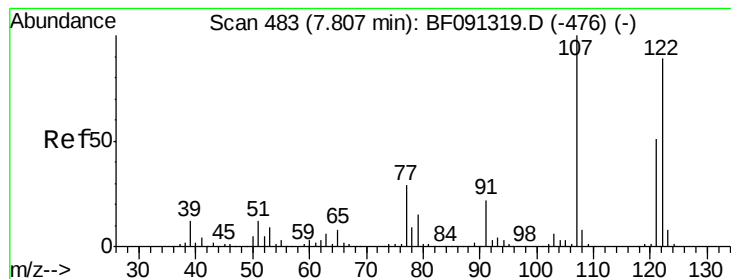
Ion Ratio Lower Upper

139 100

109 25.4 25.3 37.9

65 37.6 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 37.81 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

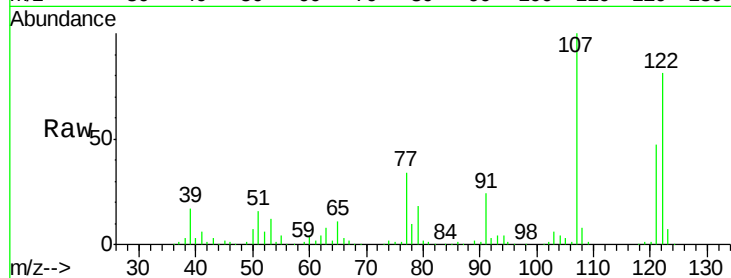
Tgt Ion:122 Resp: 252640

Ion Ratio Lower Upper

122 100

107 123.8 96.8 145.2

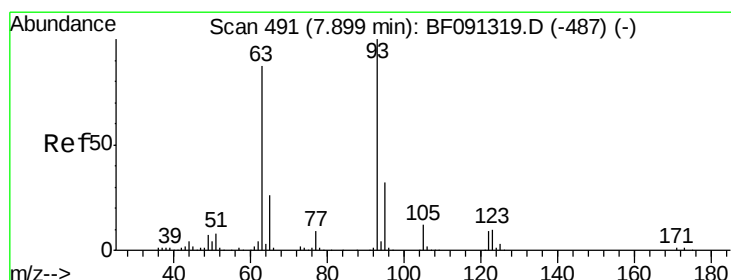
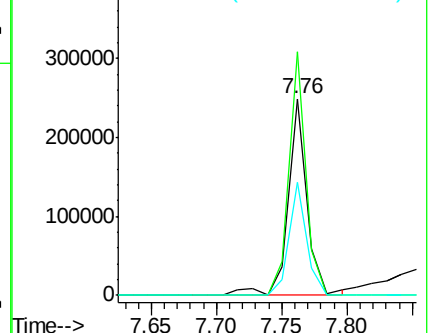
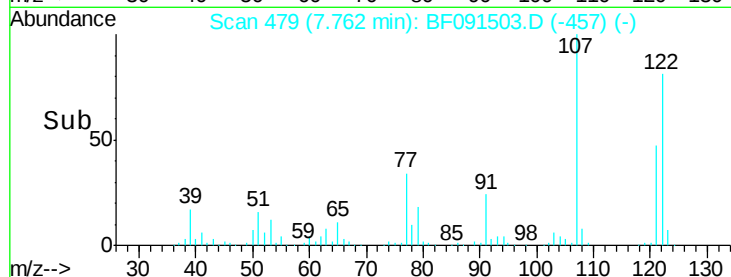
121 57.8 47.7 71.5



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: 44.64 ng

RT: 7.86 min Scan# 488

Delta R.T. -0.05 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

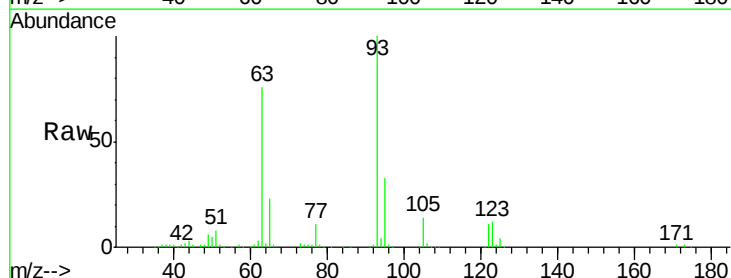
Tgt Ion: 93 Resp: 364421

Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

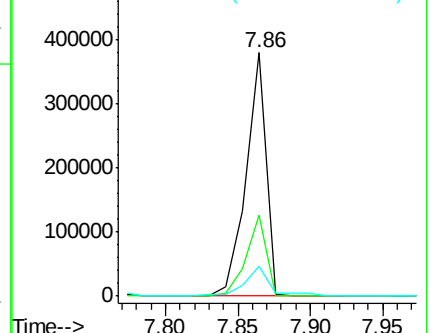
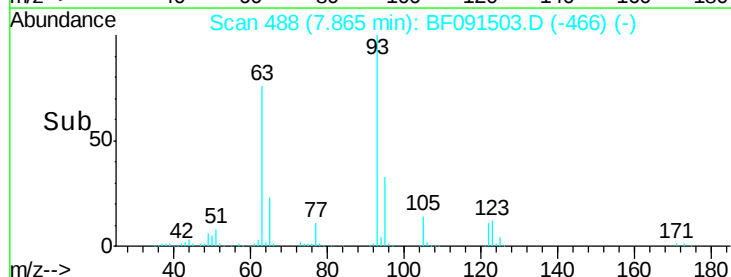
123 12.5 8.6 12.8

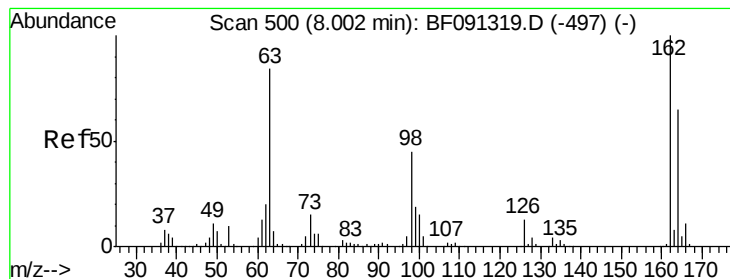


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.65 ng

RT: 7.97 min Scan# 497

Delta R.T. -0.05 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

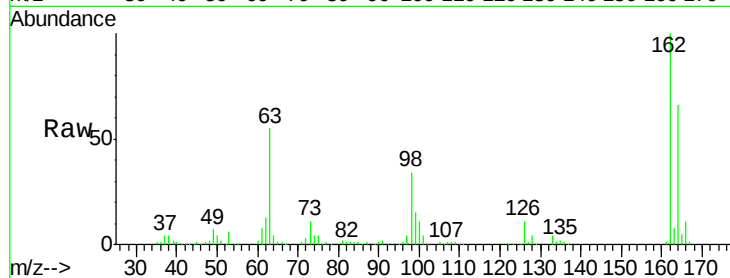
Tgt Ion:162 Resp: 274203

Ion Ratio Lower Upper

162 100

164 66.0 45.0 85.0

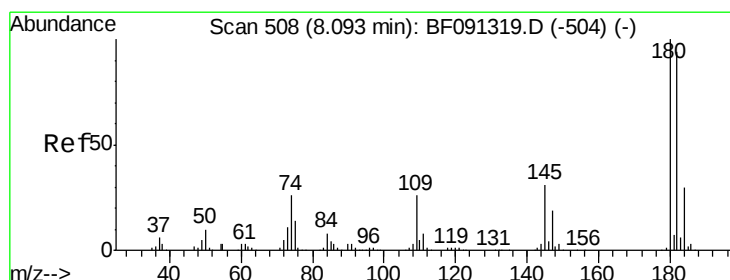
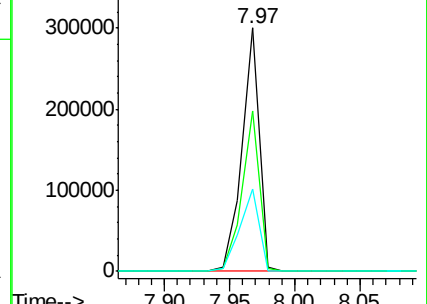
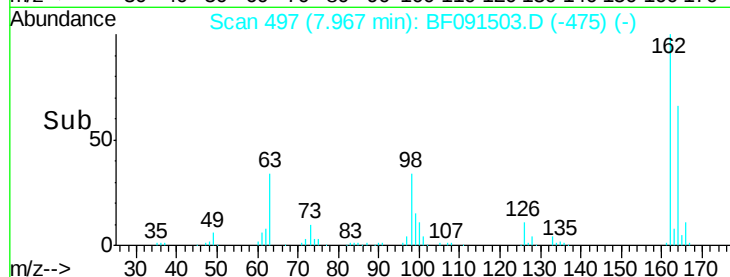
98 34.0 21.3 61.3



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: 44.15 ng

RT: 8.05 min Scan# 504

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

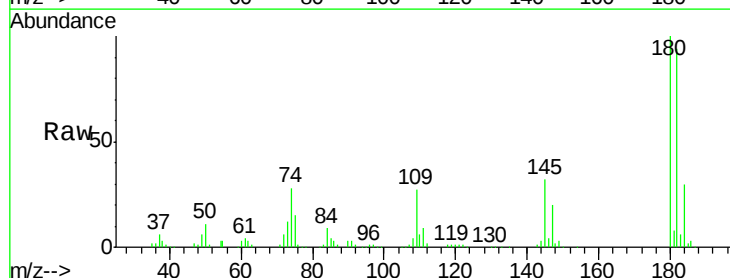
Tgt Ion:180 Resp: 290945

Ion Ratio Lower Upper

180 100

182 94.1 75.8 113.8

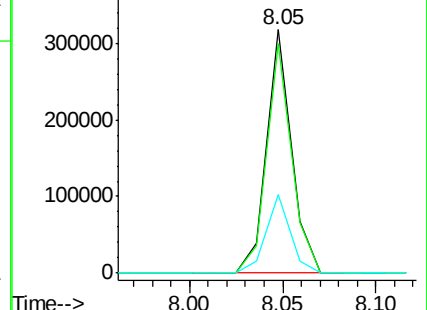
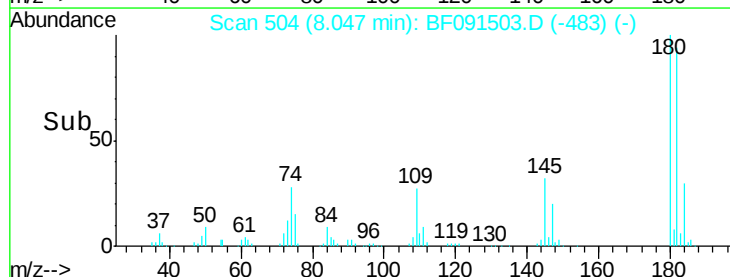
145 32.3 27.0 40.4

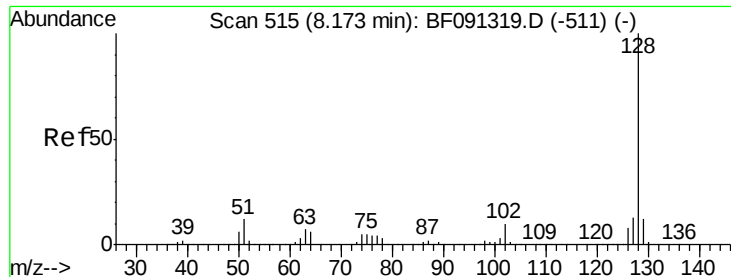


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

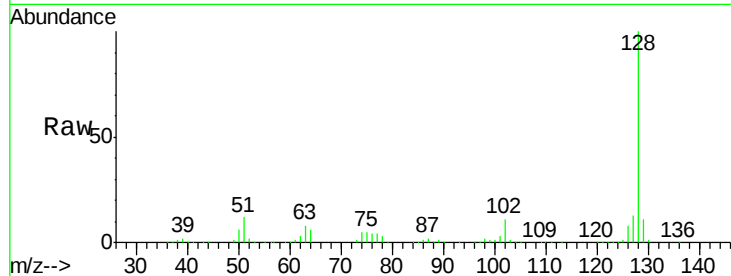




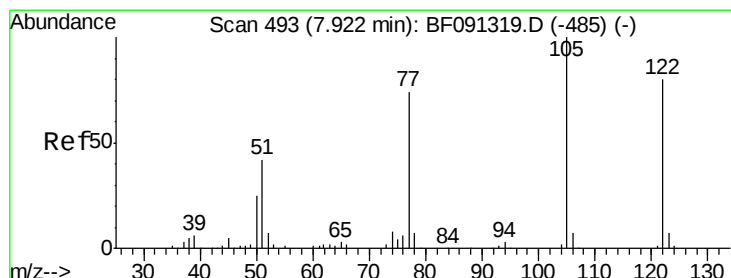
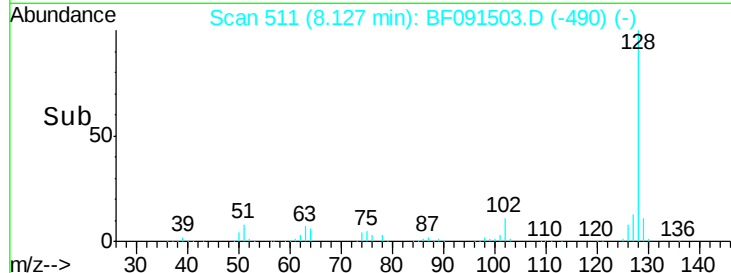
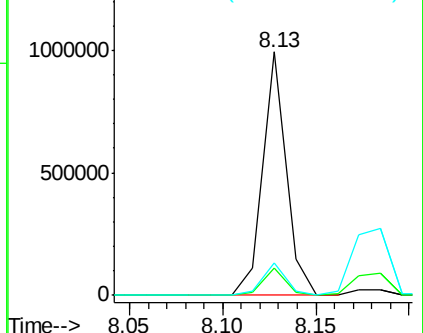
#31
Naphthalene
Concen: 42.19 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.06 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 860220
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.3 11.0 16.4

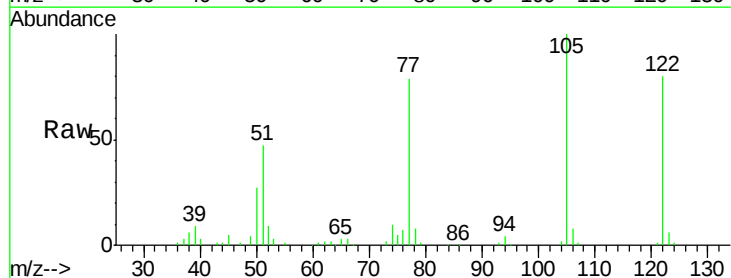


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

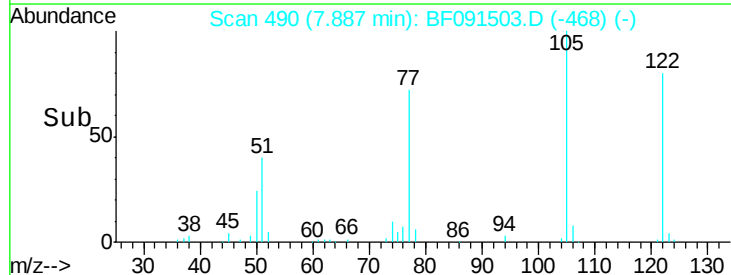
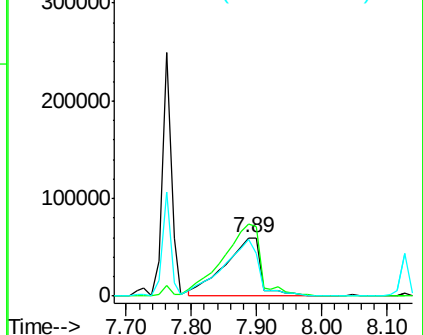


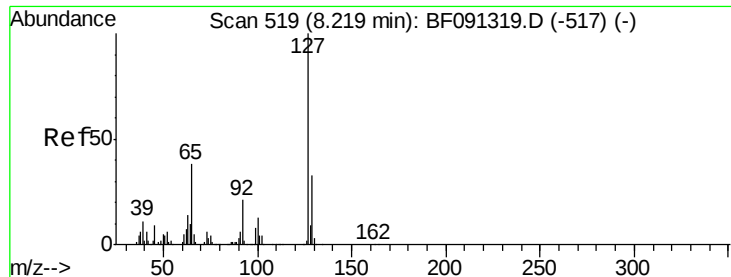
#32
Benzoic acid
Concen: 46.72 ng
RT: 7.89 min Scan# 490
Delta R.T. -0.05 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

Tgt Ion:122 Resp: 230098
Ion Ratio Lower Upper
122 100
105 124.5 113.0 153.0
77 97.9 82.0 122.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

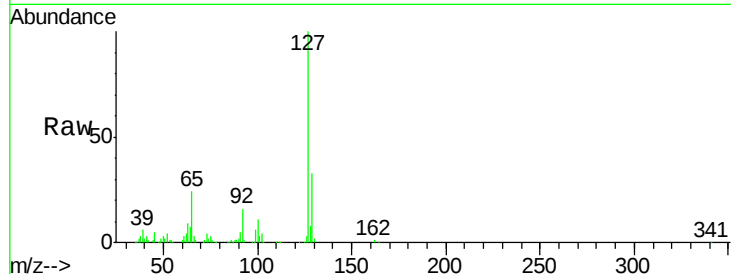




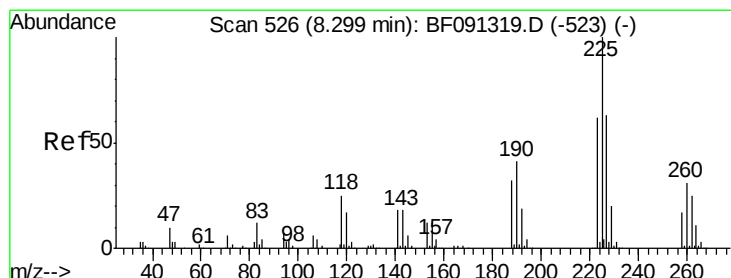
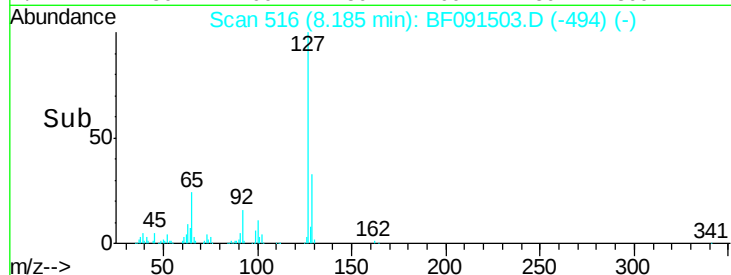
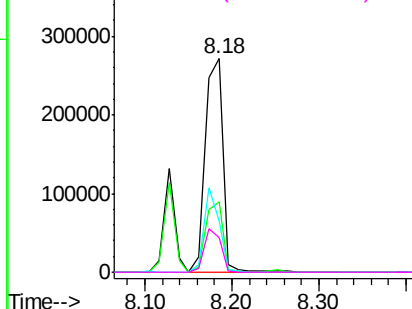
#33
 4-Chloroaniline
 Concen: 44.11 ng
 RT: 8.18 min Scan# 516
 Delta R.T. -0.05 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	127	Resp:	384429
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.2	39.4
65	24.1	26.6	39.8#
92	16.1	15.4	23.0

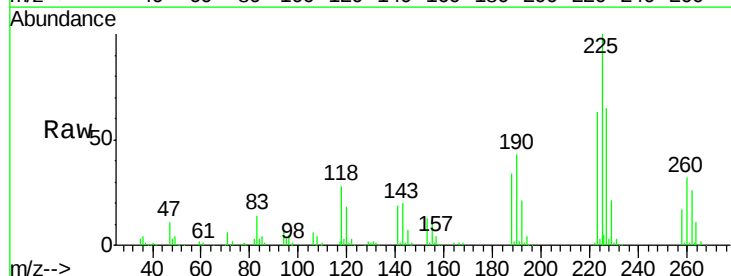


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

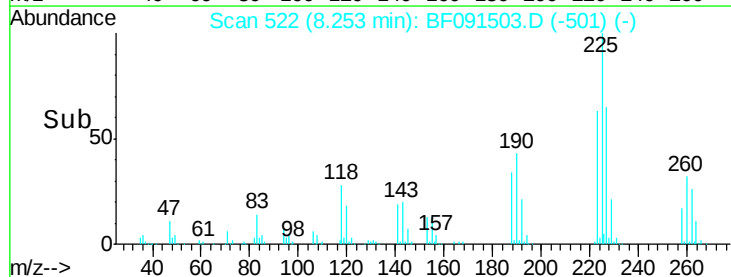
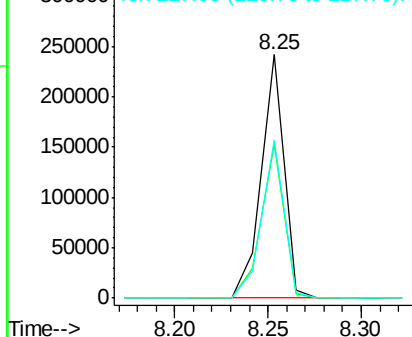


#34
 Hexachlorobutadiene
 Concen: 50.07 ng
 RT: 8.25 min Scan# 522
 Delta R.T. -0.06 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

Tgt Ion:	225	Resp:	202869
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.8	74.6
227	64.8	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

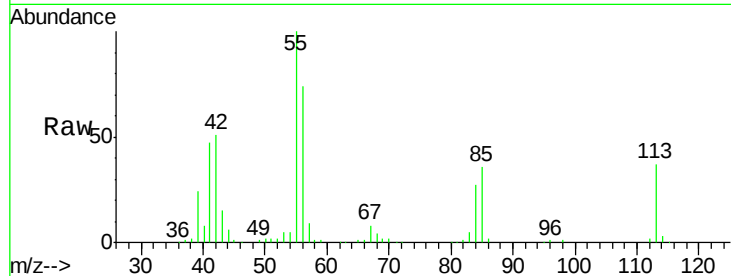




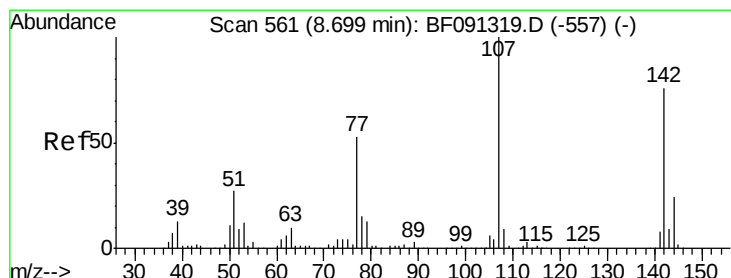
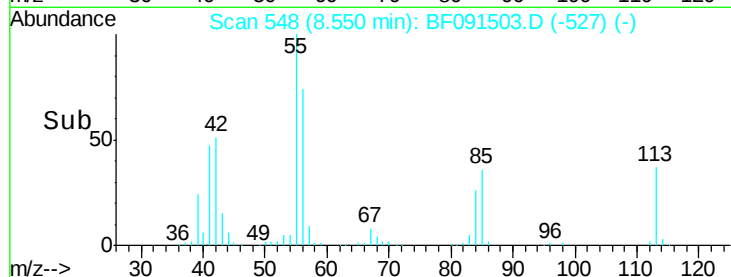
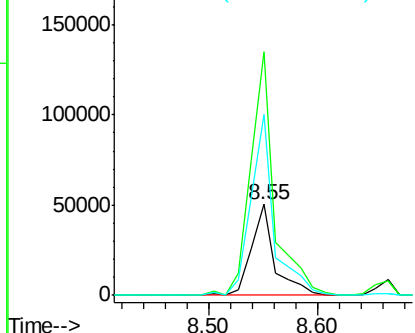
#35
 Caprolactam
 Concen: 44.57 ng
 RT: 8.55 min Scan# 548
 Delta R.T. -0.06 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 75292
 Ion Ratio Lower Upper
 113 100
 55 267.1 239.8 279.8
 56 198.1 165.6 205.6

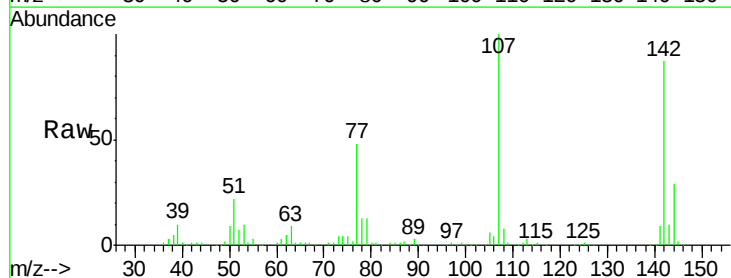


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

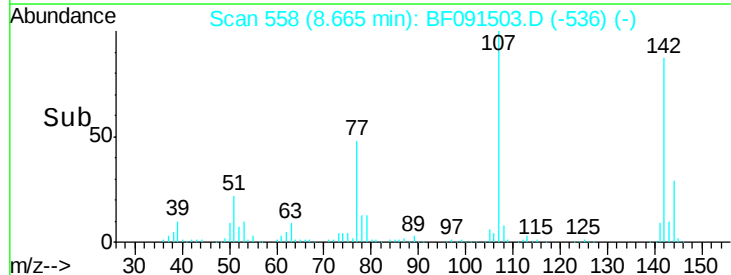
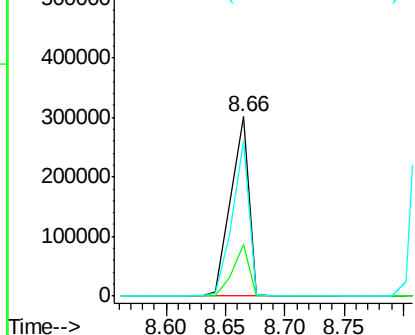


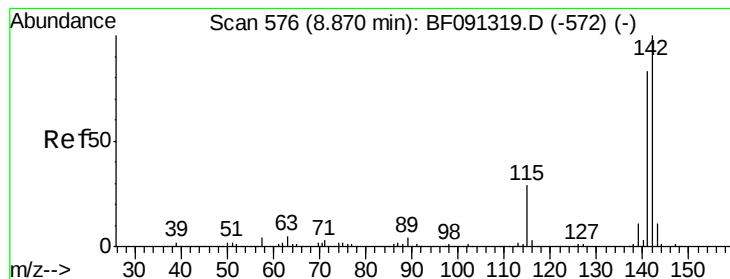
#36
 4-Chloro-3-methylphenol
 Concen: 50.49 ng
 RT: 8.66 min Scan# 558
 Delta R.T. -0.05 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

Tgt Ion:107 Resp: 320370
 Ion Ratio Lower Upper
 107 100
 144 28.9 18.9 28.3#
 142 86.7 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: 47.14 ng

RT: 8.82 min Scan# 572

Delta R.T. -0.05 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

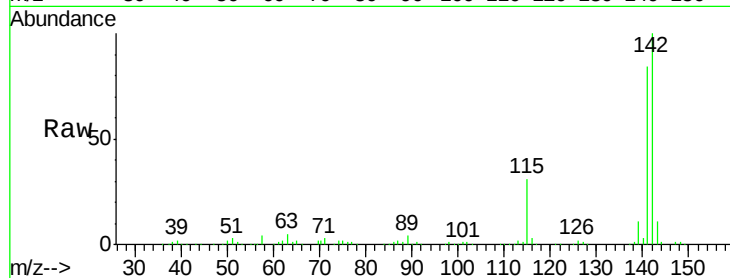
Tgt Ion:142 Resp: 652977

Ion Ratio Lower Upper

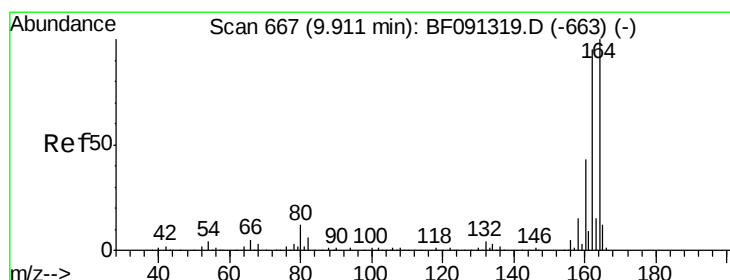
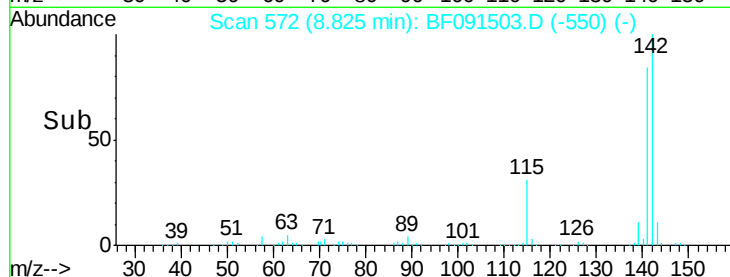
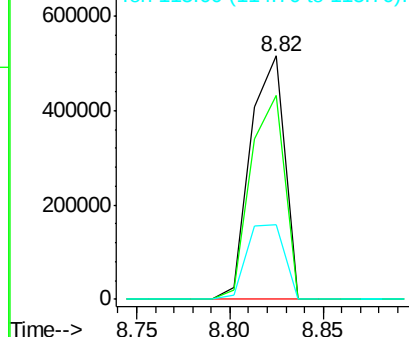
142 100

141 83.8 71.7 107.5

115 30.5 25.0 37.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

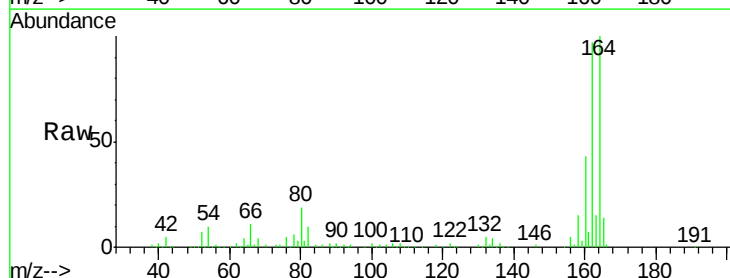
Tgt Ion:164 Resp: 277020

Ion Ratio Lower Upper

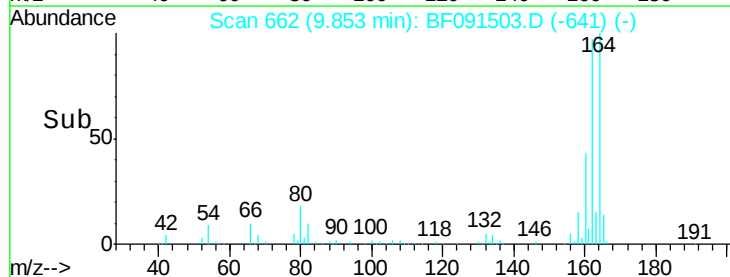
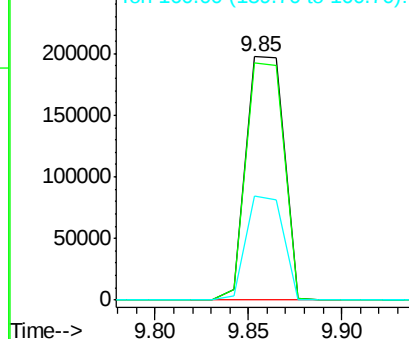
164 100

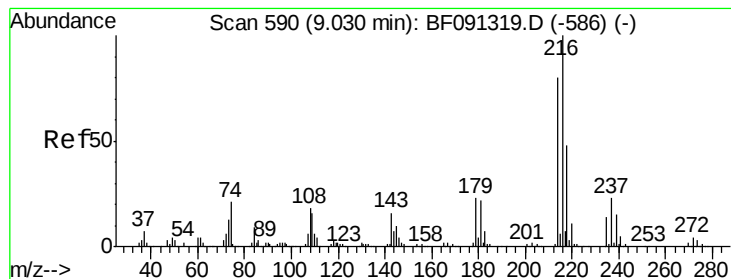
162 97.5 82.6 124.0

160 42.7 36.7 55.1



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.42 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 315668

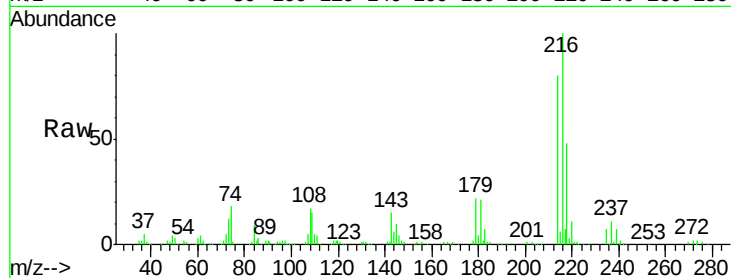
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.8

179 22.0 18.2 27.2

108 18.6 17.2 25.8

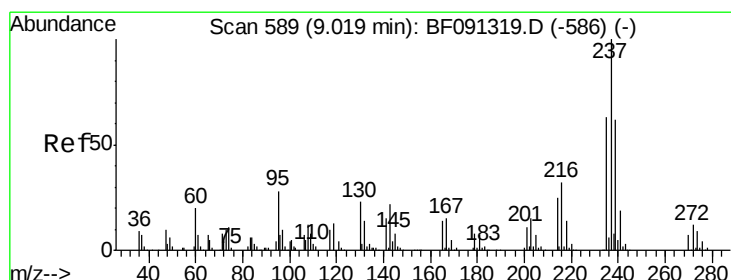
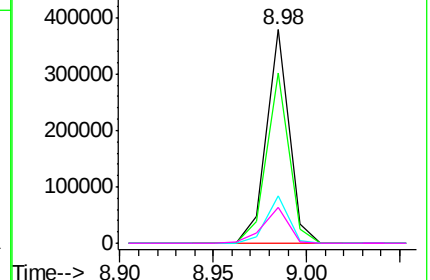
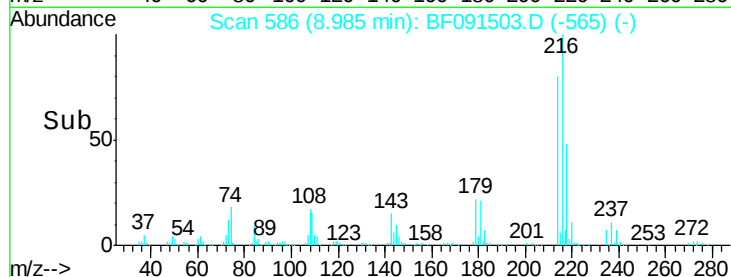


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 41.61 ng

RT: 8.97 min Scan# 585

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

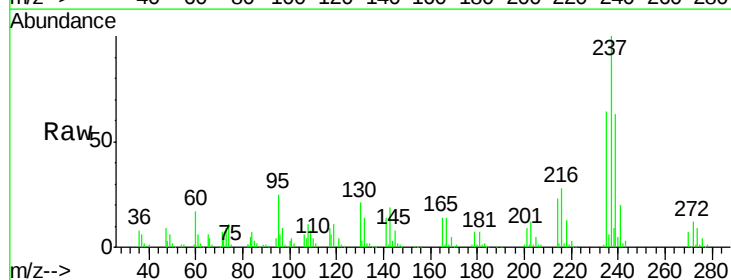
Tgt Ion:237 Resp: 150626

Ion Ratio Lower Upper

237 100

235 63.9 43.9 83.9

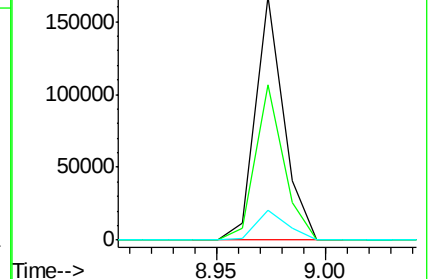
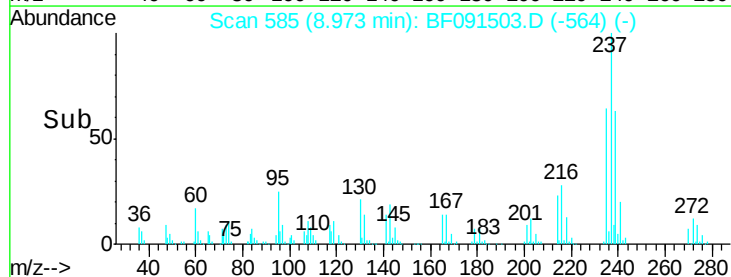
272 12.2 0.0 33.1

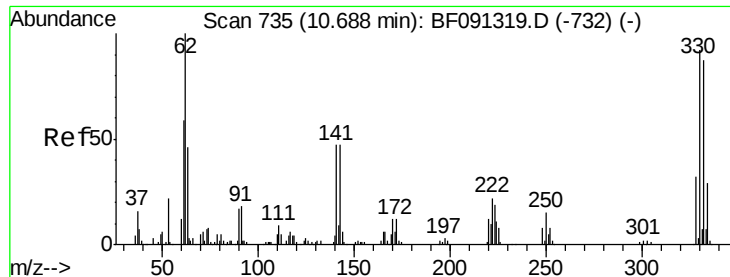


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

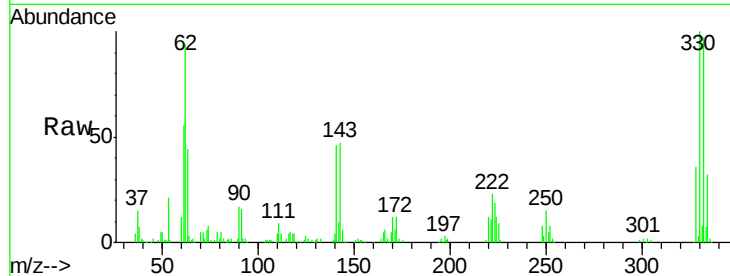




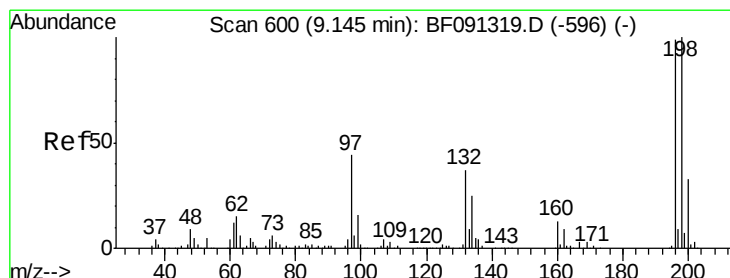
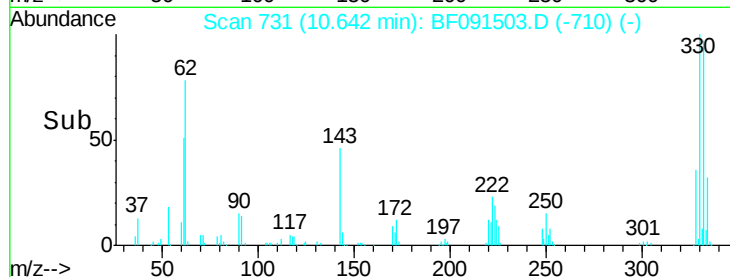
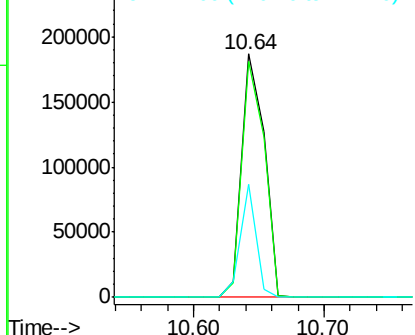
#41
 2,4,6-Tribromophenol
 Concen: 86.04 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.06 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 225650
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.2 114.4
 141 32.4 33.6 50.4#

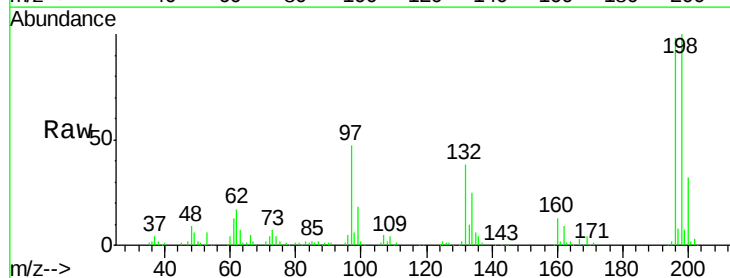


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

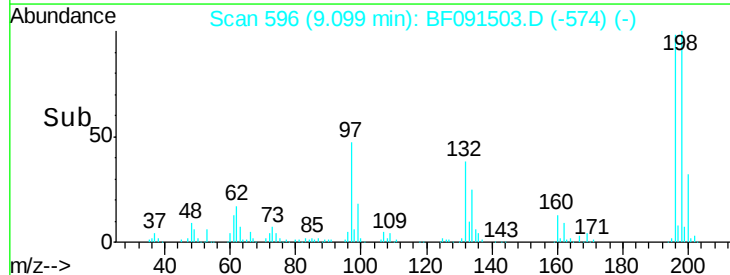
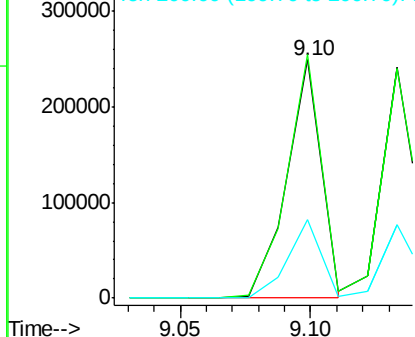


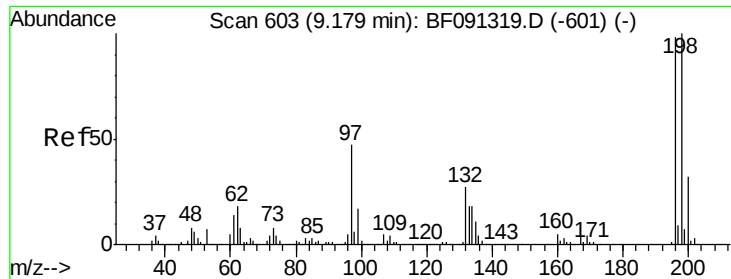
#42
 2,4,6-Trichlorophenol
 Concen: 44.92 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

Tgt Ion:196 Resp: 227978
 Ion Ratio Lower Upper
 196 100
 198 102.3 77.4 116.0
 200 33.2 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

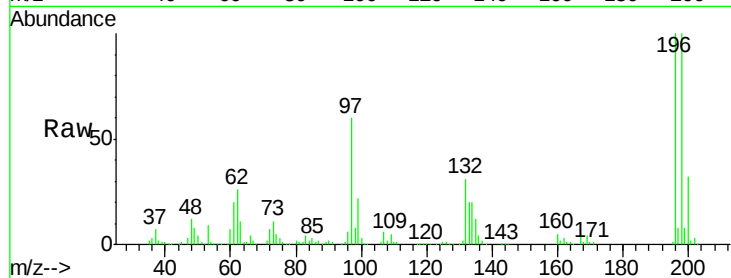




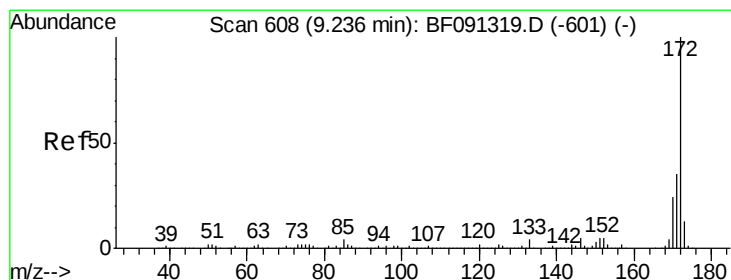
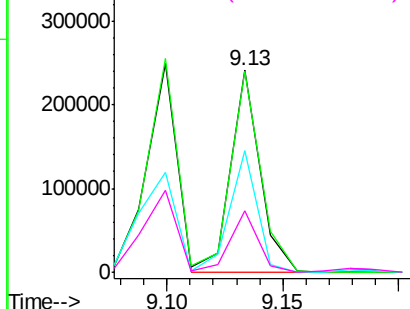
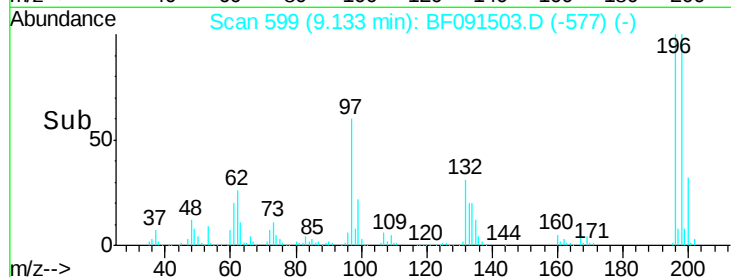
#43
 2,4,5-Trichlorophenol
 Concen: 41.91 ng m
 RT: 9.13 min Scan# 599
 Delta R.T. -0.05 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 213144
 Ion Ratio Lower Upper
 196 100
 198 99.6 77.0 115.6
 97 59.9 33.5 50.3#
 132 30.6 20.5 30.7

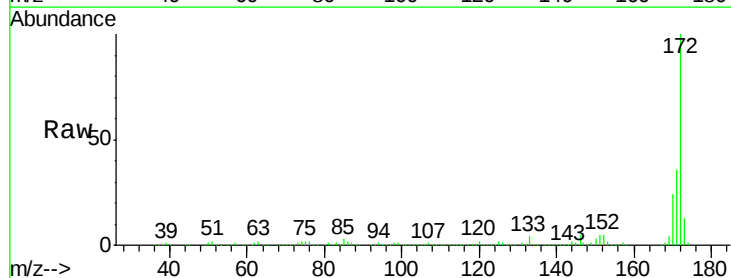


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

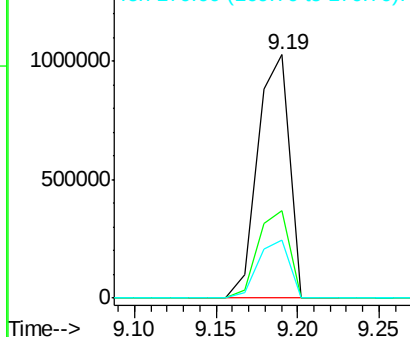
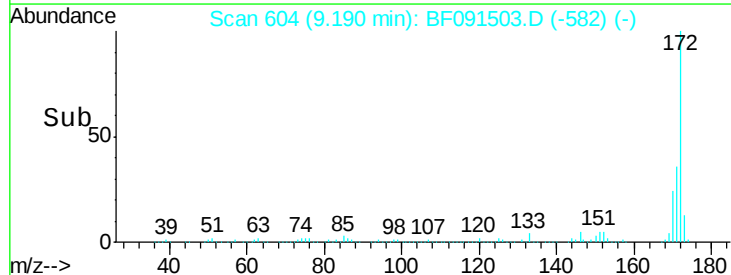


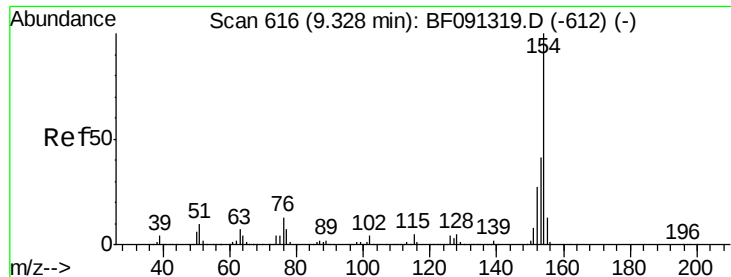
#44
 2-Fluorobiphenyl
 Concen: 90.07 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.05 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

Tgt Ion:172 Resp: 1377981
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 23.8 19.7 29.5



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





#45

1,1'-Biphenyl

Concen: 38.72 ng

RT: 9.28 min Scan# 612

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

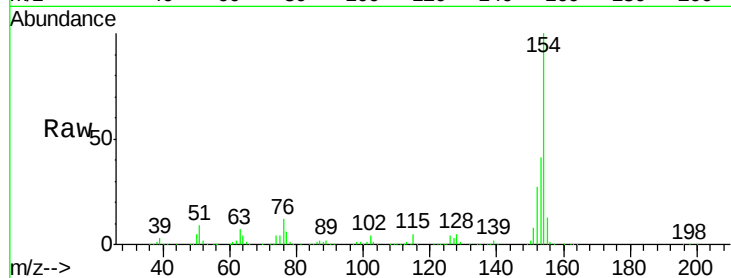
Tgt Ion:154 Resp: 771268

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

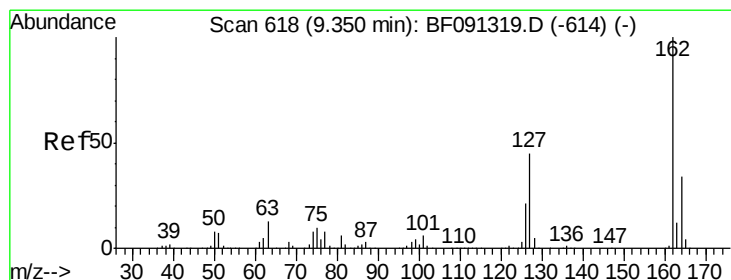
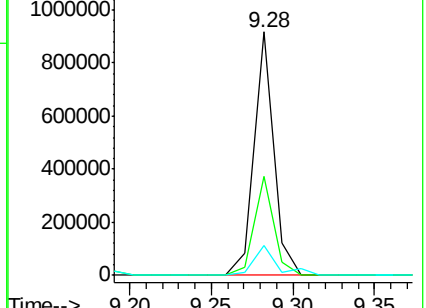
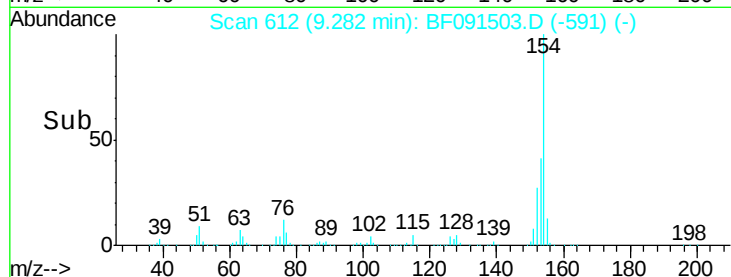
76 12.1 0.0 36.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.92 ng

RT: 9.30 min Scan# 614

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

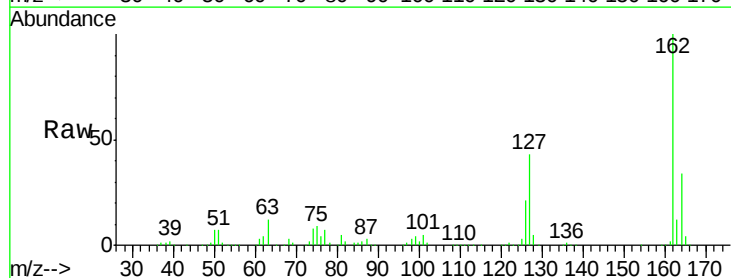
Tgt Ion:162 Resp: 577408

Ion Ratio Lower Upper

162 100

127 43.0 34.3 51.5

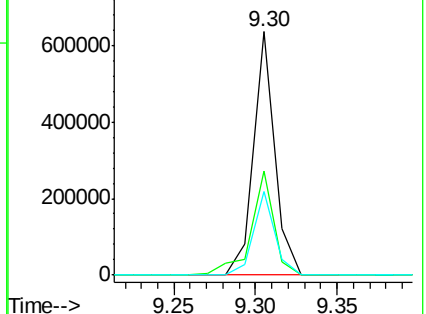
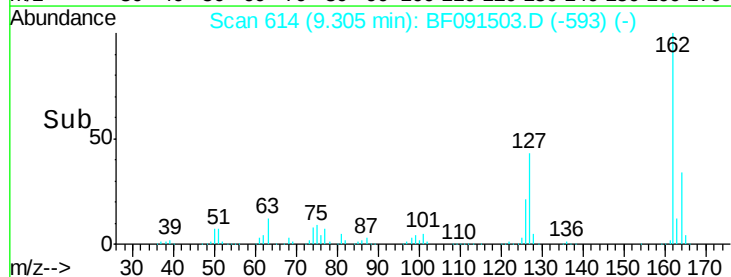
164 34.2 26.6 40.0

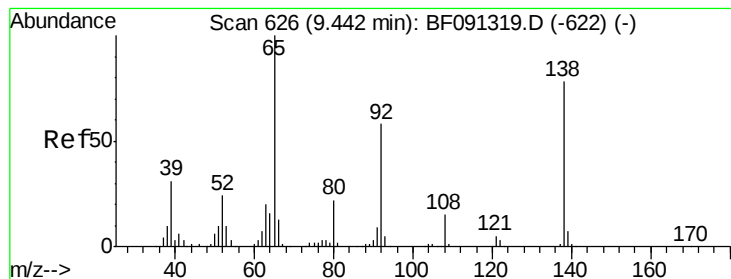


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.52 ng

RT: 9.40 min Scan# 622

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

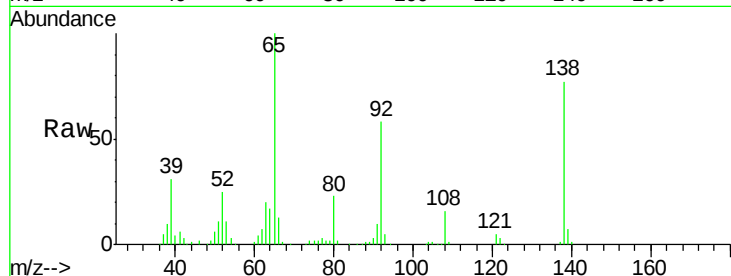
Tgt Ion: 65 Resp: 215876

Ion Ratio Lower Upper

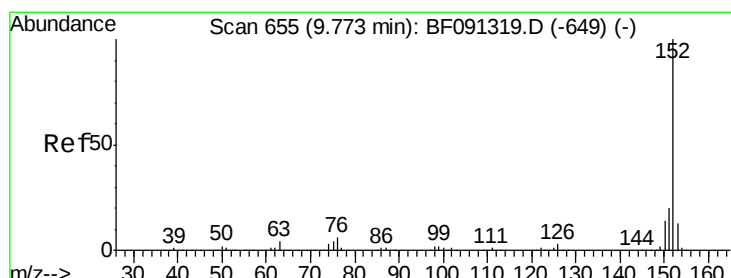
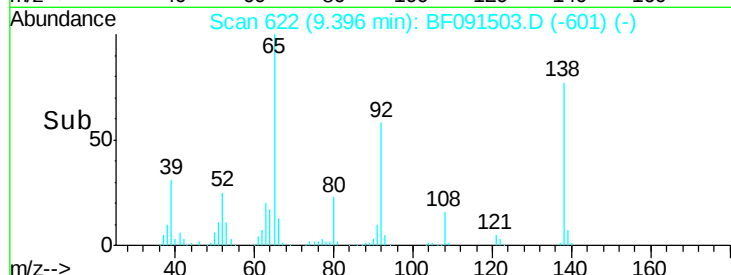
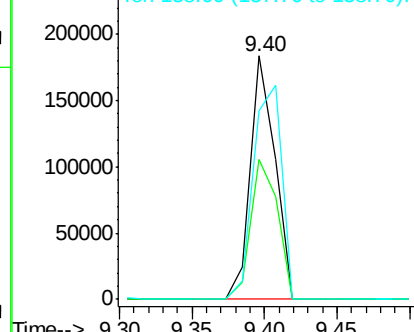
65 100

92 57.6 53.6 80.4

138 77.2 91.0 136.6#



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



#48

Acenaphthylene

Concen: 38.84 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

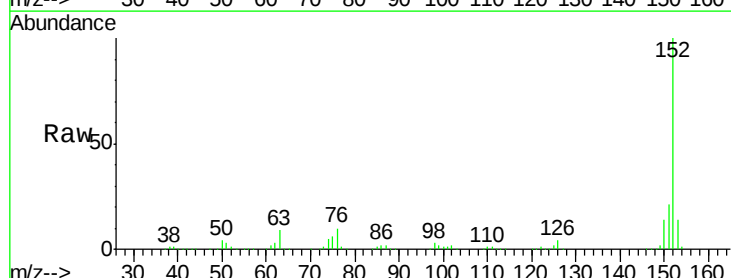
Tgt Ion: 152 Resp: 907055

Ion Ratio Lower Upper

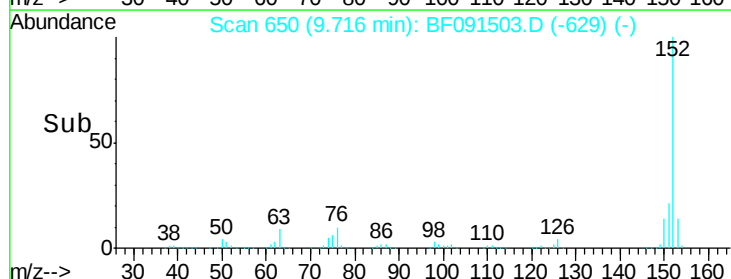
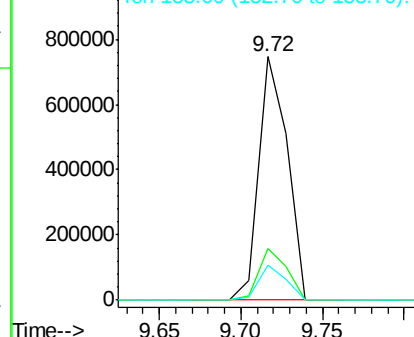
152 100

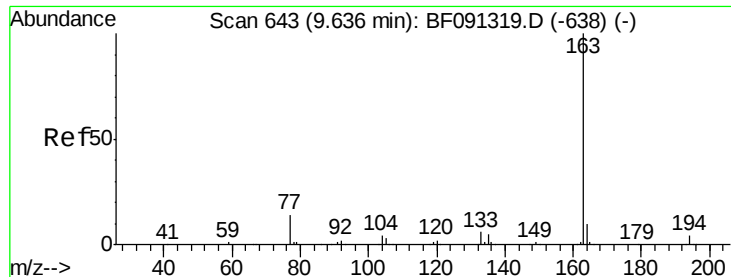
151 21.0 16.6 24.8

153 14.3 10.7 16.1



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

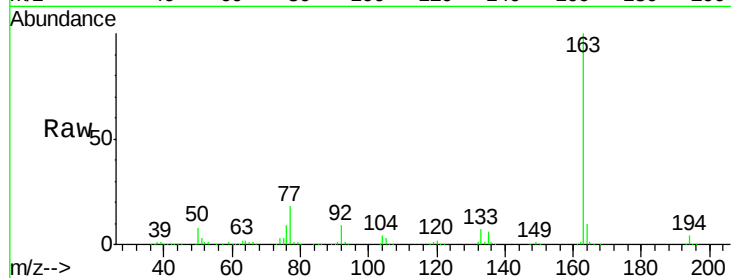




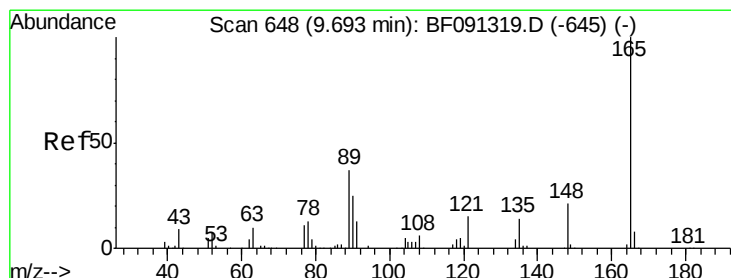
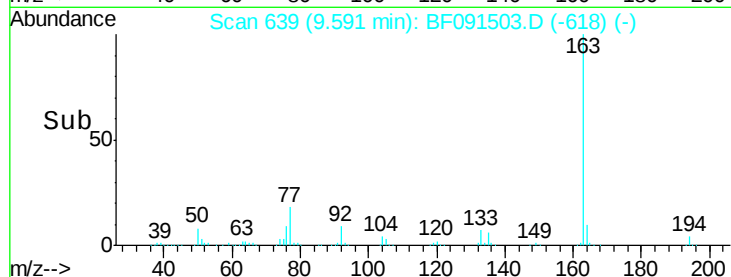
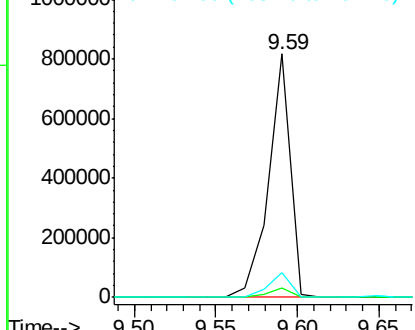
#49
Dimethylphthalate
Concen: 44.94 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.06 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 753811
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.4 7.8 11.8

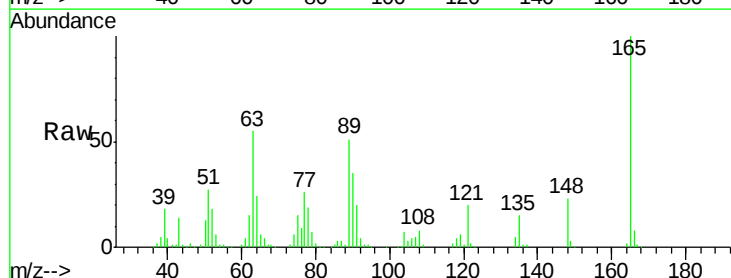


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

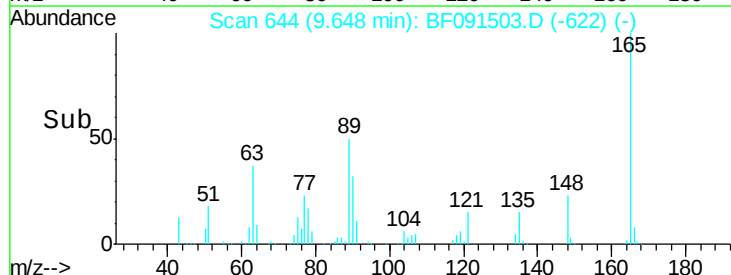
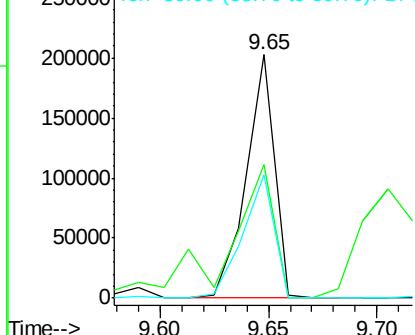


#50
2,6-Dinitrotoluene
Concen: 48.59 ng
RT: 9.65 min Scan# 644
Delta R.T. -0.05 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

Tgt Ion:165 Resp: 182164
Ion Ratio Lower Upper
165 100
63 55.0 59.4 89.0#
89 50.9 50.8 76.2



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





#51

Acenaphthene

Concen: 41.71 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.05 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

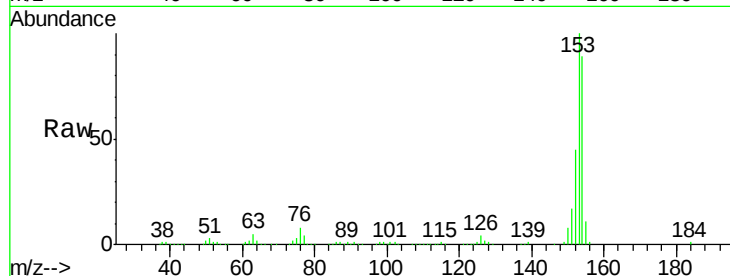
Tgt Ion:154 Resp: 657044

Ion Ratio Lower Upper

154 100

153 112.1 91.0 136.6

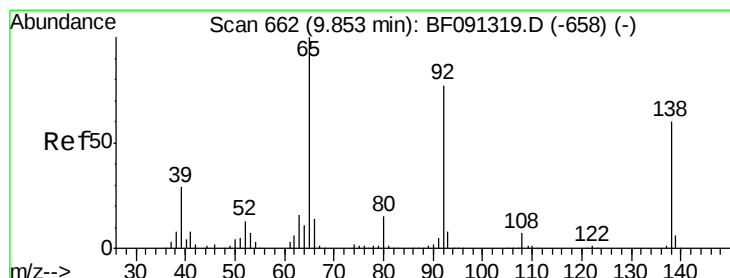
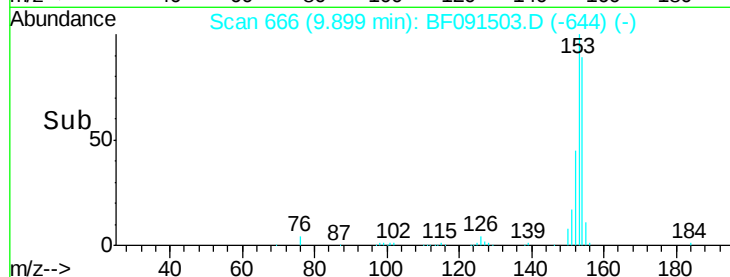
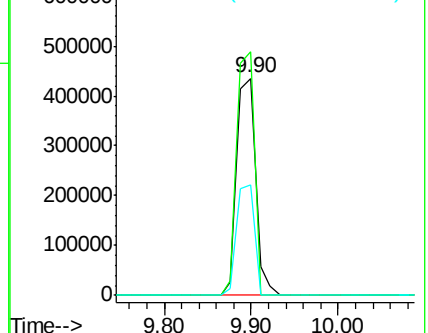
152 50.6 44.2 66.2



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: 38.96 ng

RT: 9.81 min Scan# 658

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

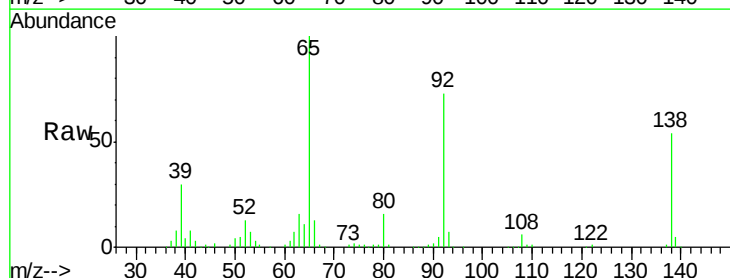
Tgt Ion:138 Resp: 169054

Ion Ratio Lower Upper

138 100

108 11.7 8.1 12.1

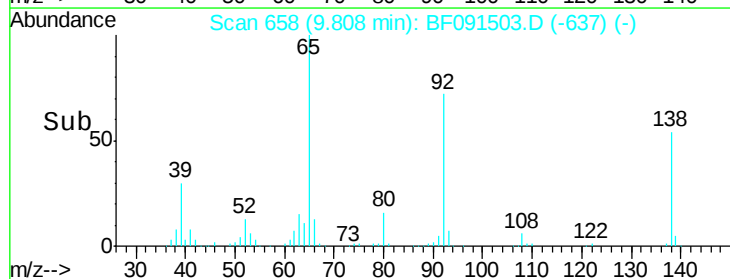
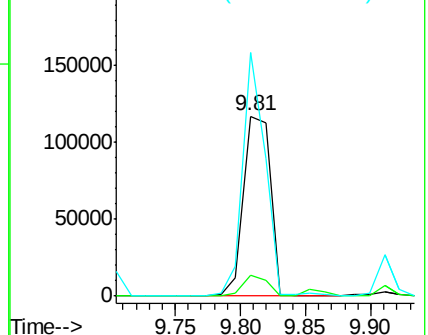
92 135.3 92.5 138.7

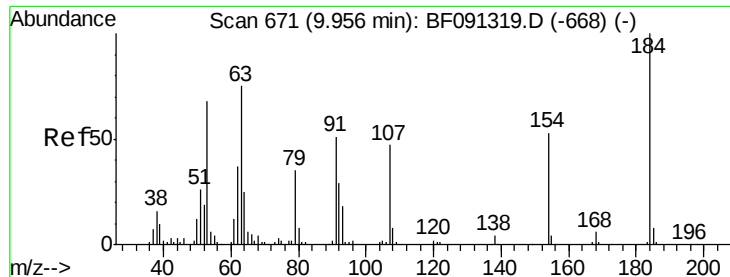


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

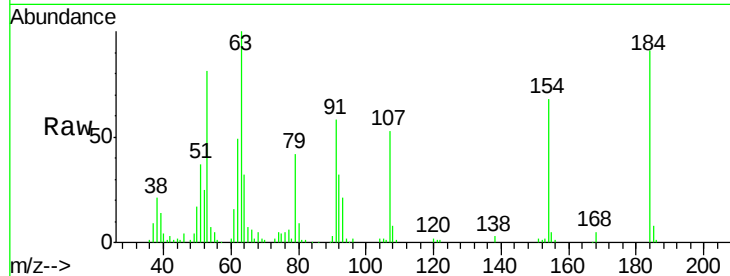




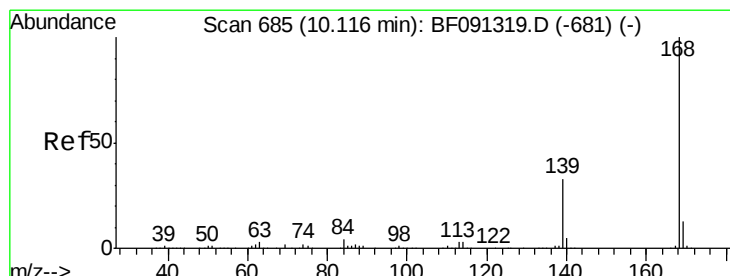
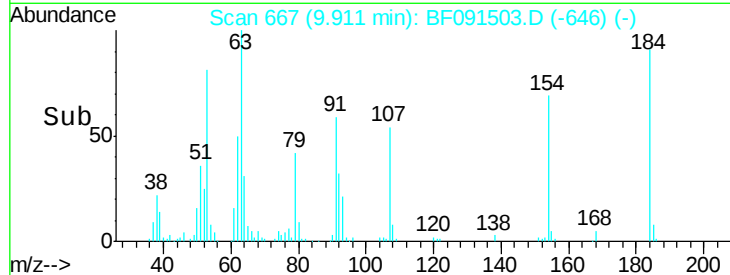
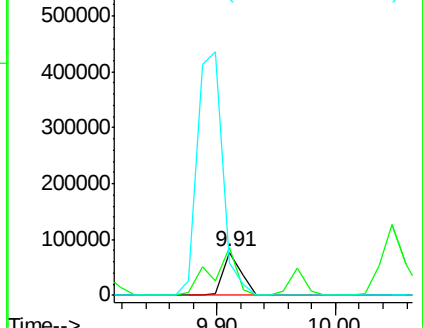
#53
2,4-Dinitrophenol
Concen: 49.49 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.06 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 81134
Ion Ratio Lower Upper
184 100
63 110.5 58.3 87.5#
154 75.2 48.6 73.0#

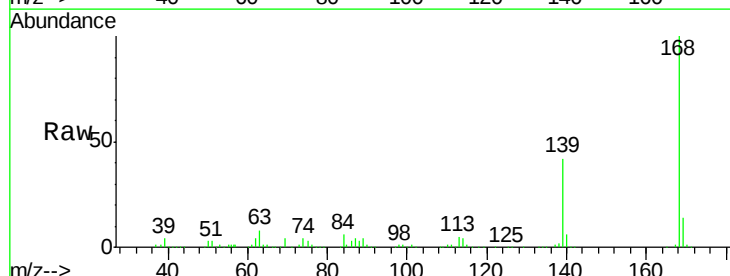


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

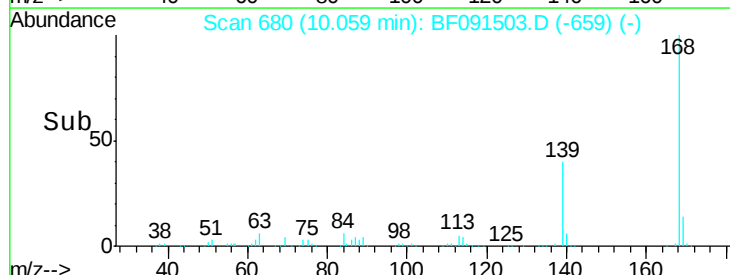
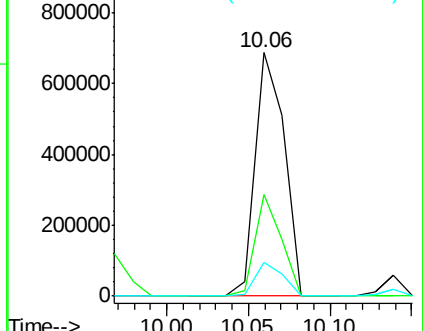


#54
Dibenzofuran
Concen: 40.36 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.06 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

Tgt Ion:168 Resp: 851127
Ion Ratio Lower Upper
168 100
139 41.5 33.4 50.2
169 14.0 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

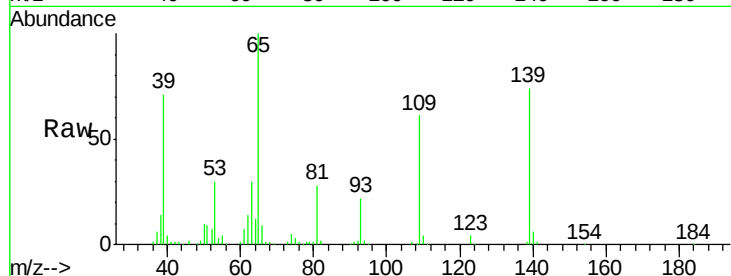




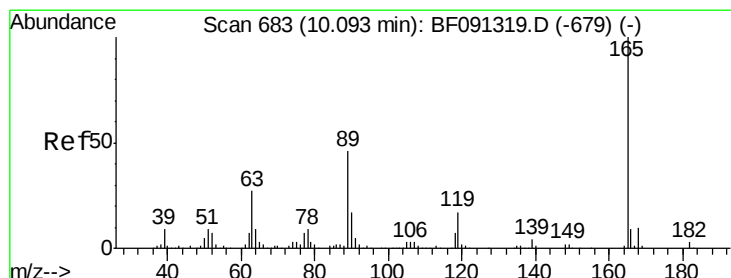
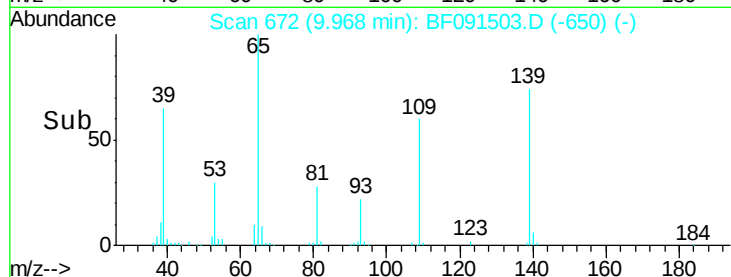
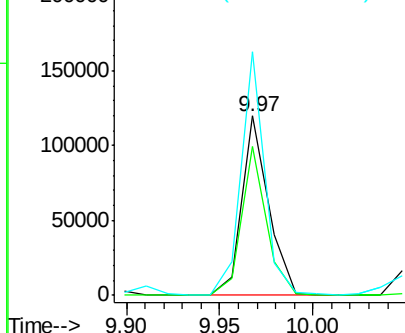
#55
4-Nitrophenol
Concen: 38.15 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 119567
Ion Ratio Lower Upper
139 100
109 82.9 54.9 94.9
65 135.8 102.2 142.2

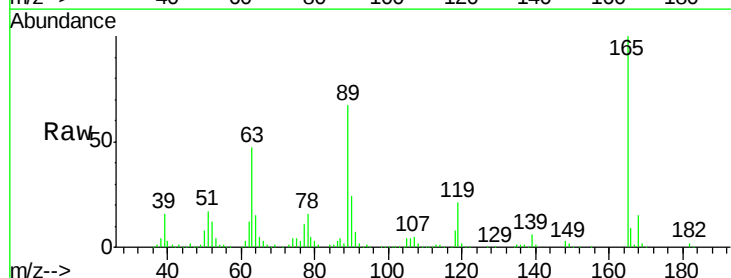


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

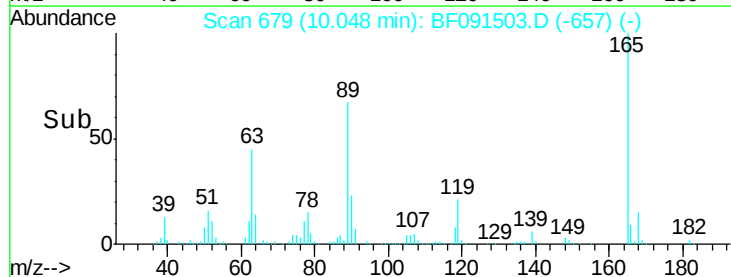
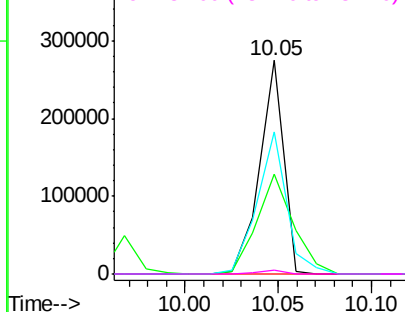


#56
2,4-Dinitrotoluene
Concen: 49.91 ng
RT: 10.05 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

Tgt Ion:165 Resp: 242716
Ion Ratio Lower Upper
165 100
63 46.5 29.0 43.4#
89 66.6 43.1 64.7#
182 2.1 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

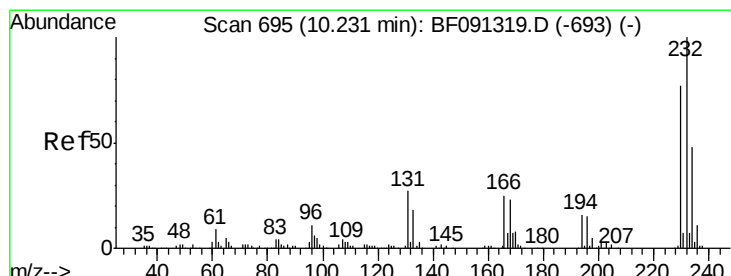
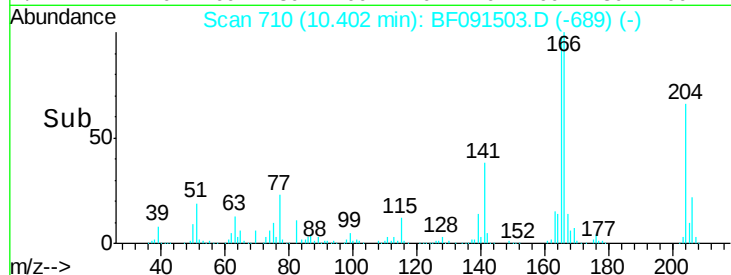
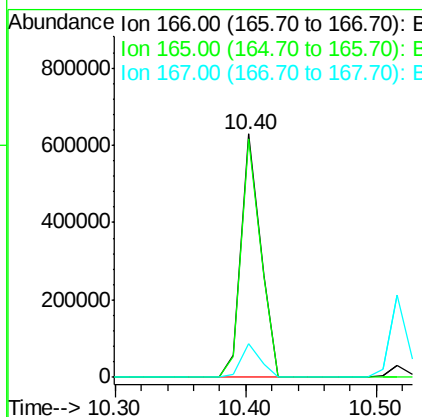
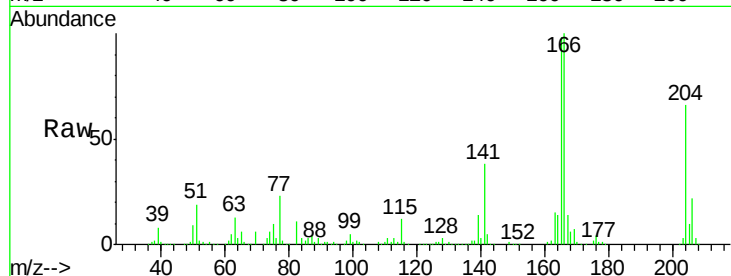




#57
Fluorene
 Concen: 40.30 ng
 RT: 10.40 min Scan# 710
 Delta R.T. -0.06 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

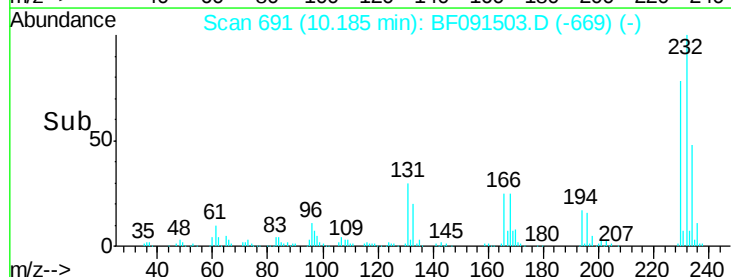
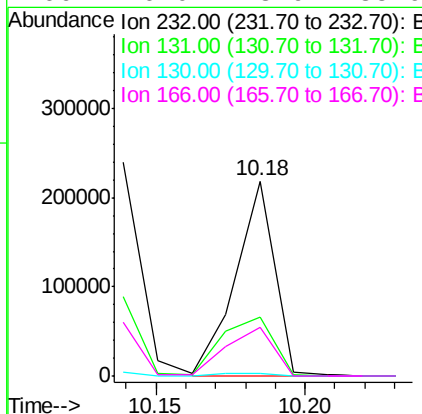
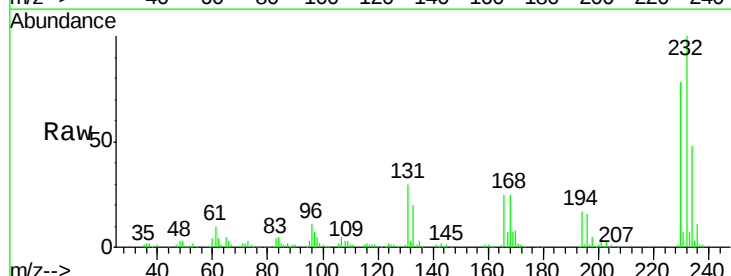
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

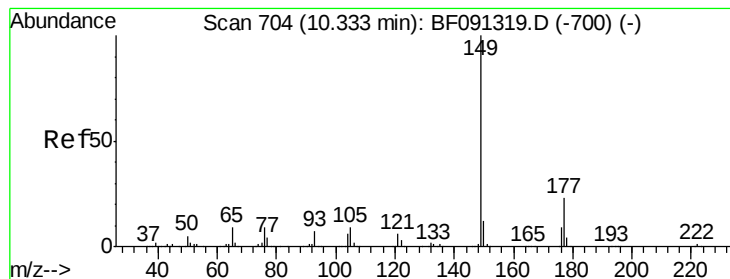
Tgt Ion:166 Resp: 652515
 Ion Ratio Lower Upper
 166 100
 165 98.1 80.0 120.0
 167 14.1 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.29 ng m
 RT: 10.18 min Scan# 691
 Delta R.T. -0.05 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

Tgt Ion:232 Resp: 201034
 Ion Ratio Lower Upper
 232 100
 131 40.6 38.4 57.6
 130 2.2 1.8 2.8
 166 26.0 23.9 35.9





#59

Diethylphthalate

Concen: 44.29 ng

RT: 10.29 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

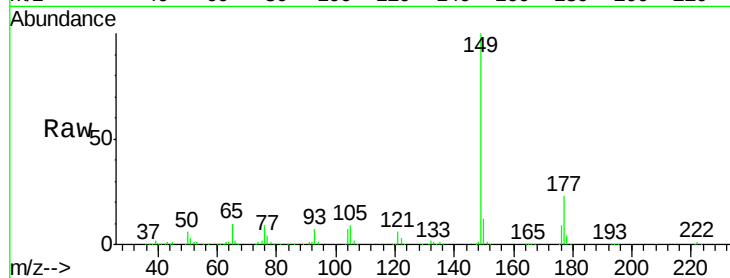
Tgt Ion:149 Resp: 733257

Ion Ratio Lower Upper

149 100

177 22.8 15.7 23.5

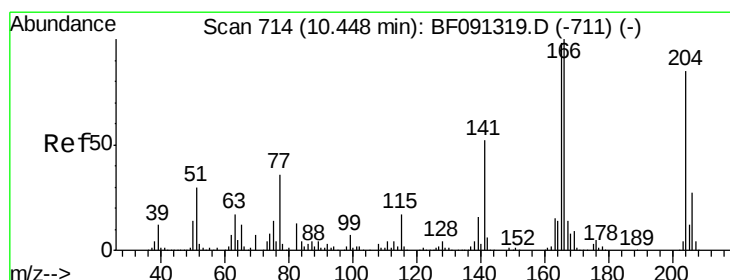
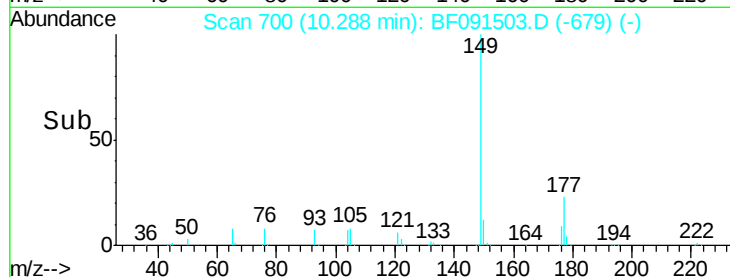
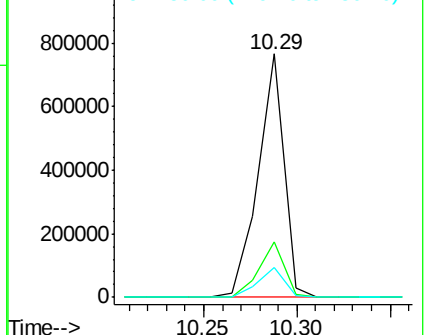
150 12.3 10.2 15.2



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: 42.45 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

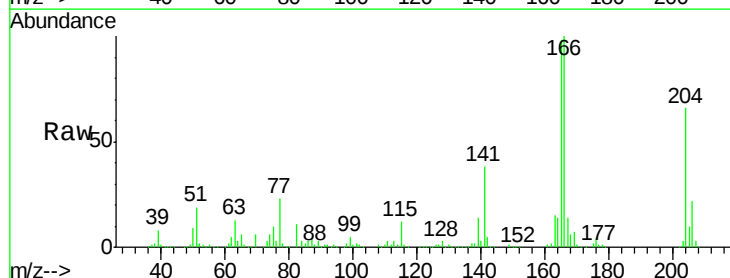
Tgt Ion:204 Resp: 344763

Ion Ratio Lower Upper

204 100

206 33.1 26.1 39.1

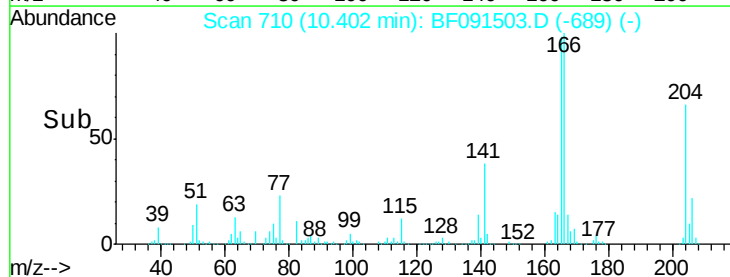
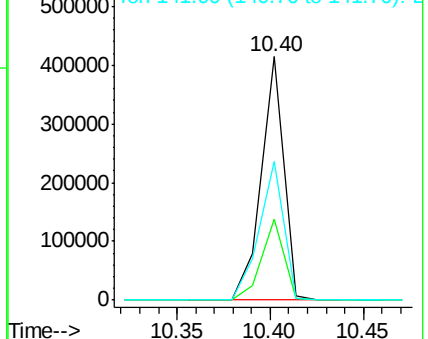
141 57.2 40.6 61.0

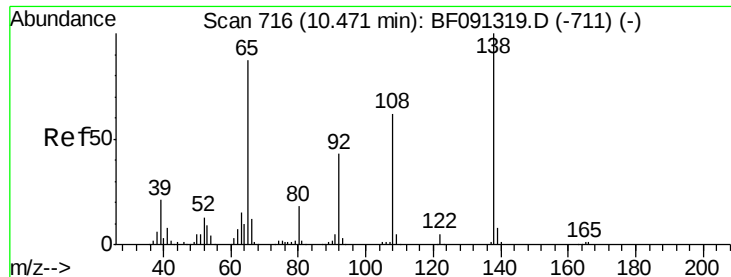


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

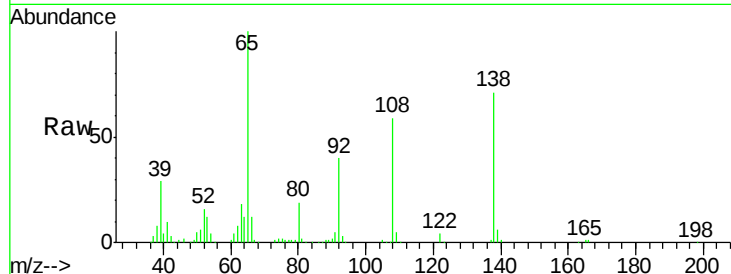




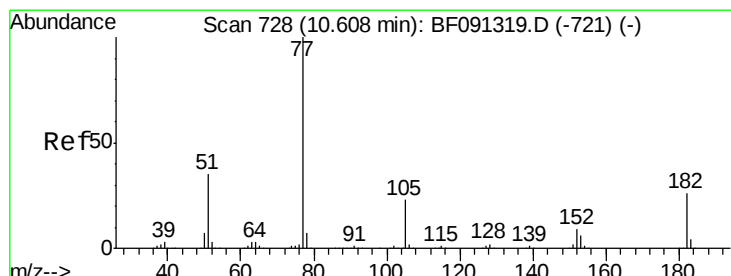
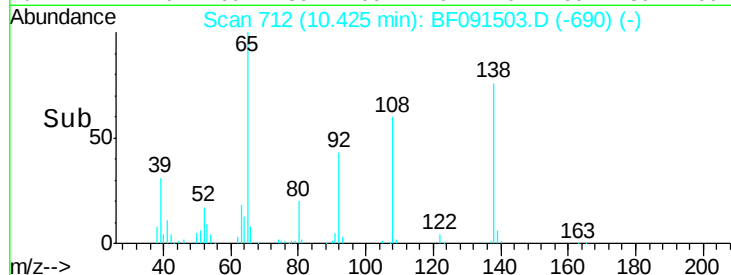
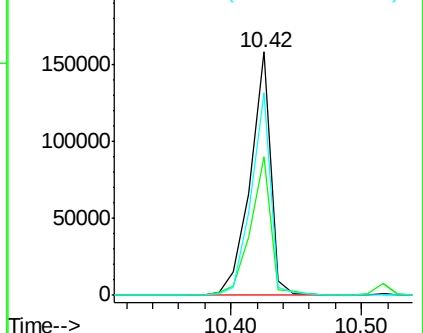
#61
4-Nitroaniline
Concen: 42.59 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.05 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 173558
Ion Ratio Lower Upper
138 100
92 57.1 26.9 66.9
108 83.2 49.1 89.1

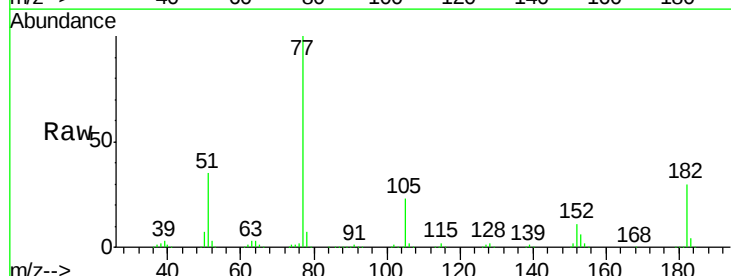


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

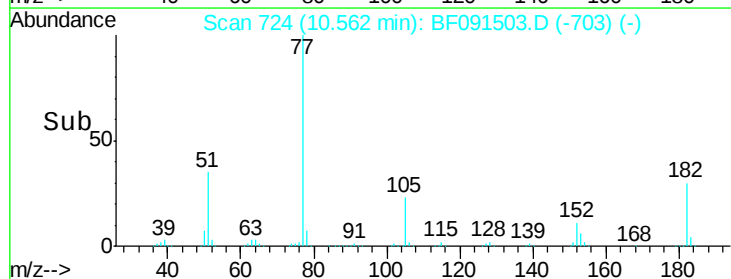
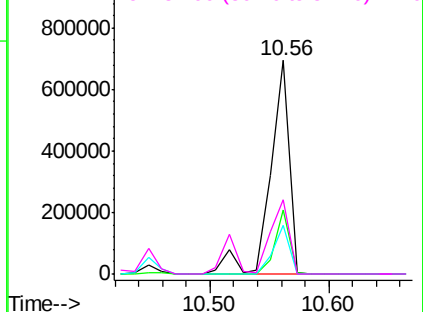


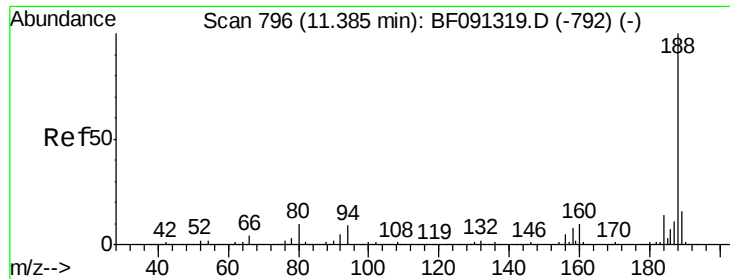
#62
Azobenzene
Concen: 45.84 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.06 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

Tgt Ion: 77 Resp: 774492
Ion Ratio Lower Upper
77 100
182 30.1 12.5 52.5
105 22.9 3.7 43.7
51 34.7 11.9 51.9



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

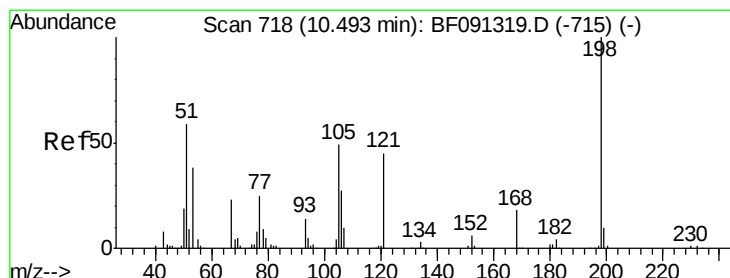
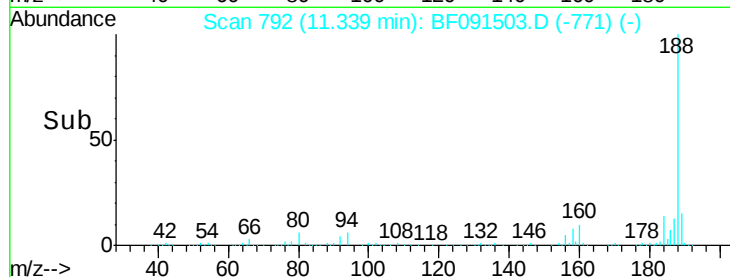
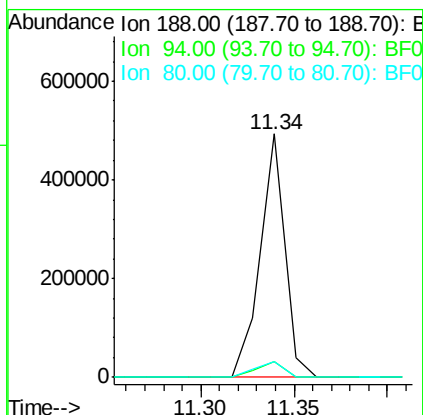
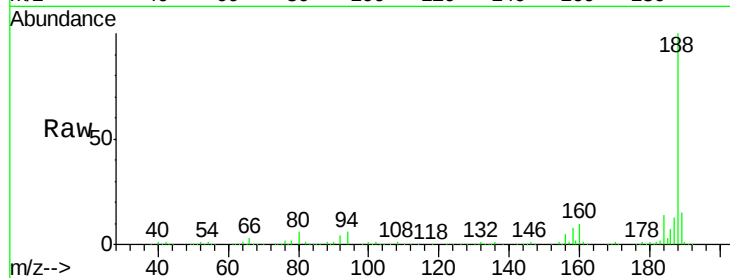




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.06 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

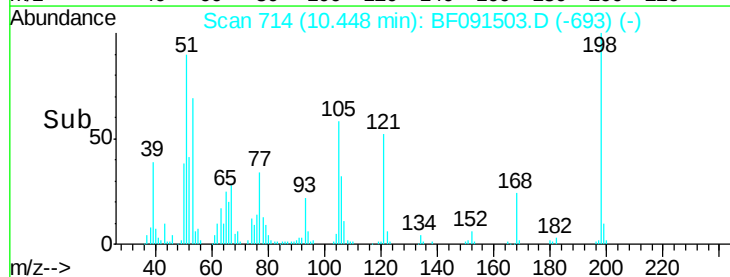
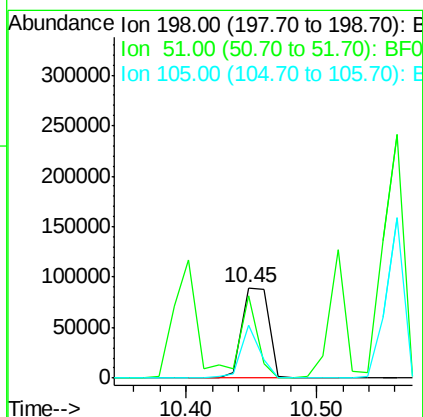
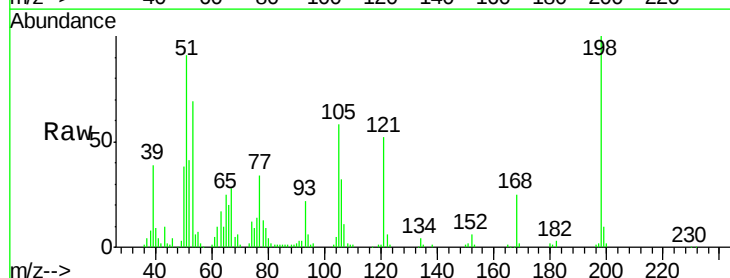
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

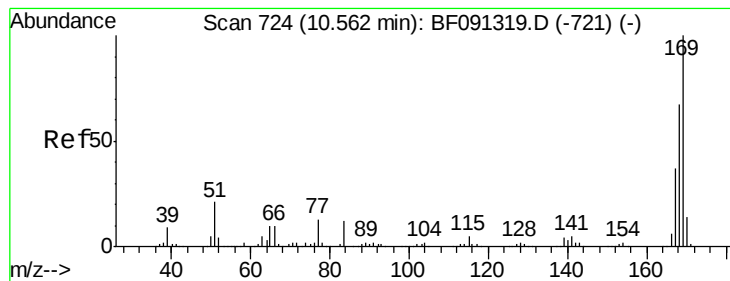
Tgt Ion:188 Resp: 448813
 Ion Ratio Lower Upper
 188 100
 94 6.2 9.2 13.8#
 80 6.3 10.5 15.7#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 51.29 ng
 RT: 10.45 min Scan# 714
 Delta R.T. -0.06 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

Tgt Ion:198 Resp: 126825
 Ion Ratio Lower Upper
 198 100
 51 90.6 77.1 117.1
 105 58.4 44.8 84.8

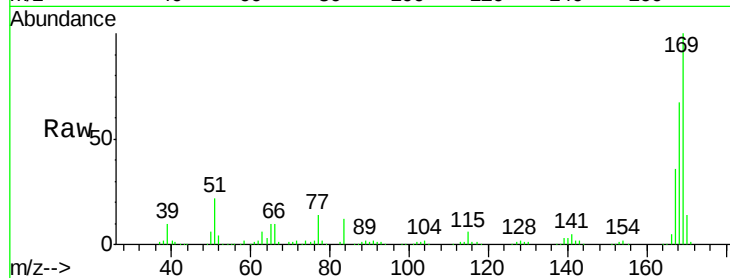




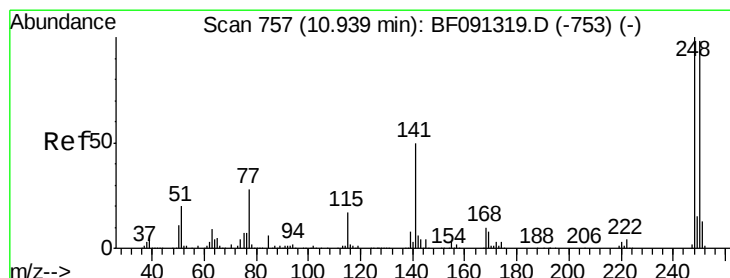
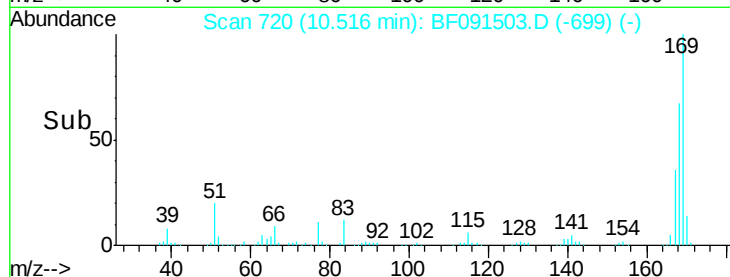
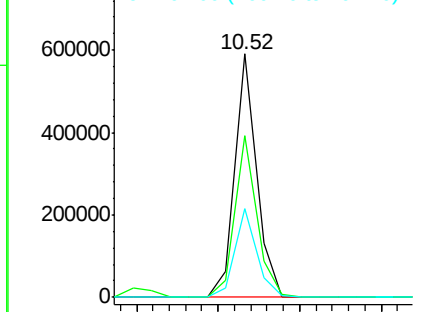
#65
 n-Nitrosodiphenylamine
 Concen: 39.84 ng
 RT: 10.52 min Scan# 720
 Delta R.T. -0.06 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:169 Resp: 542078
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.8 80.8
 167 36.3 29.8 44.8

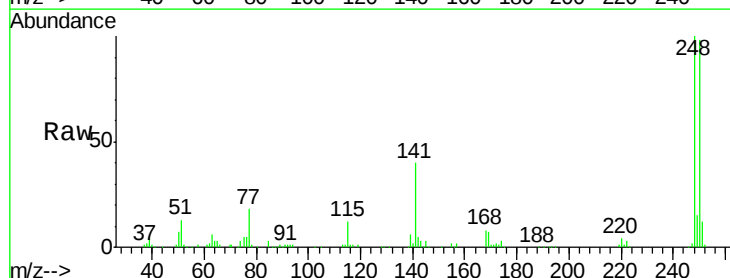


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

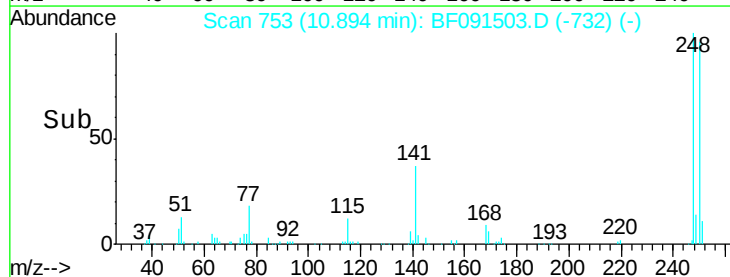
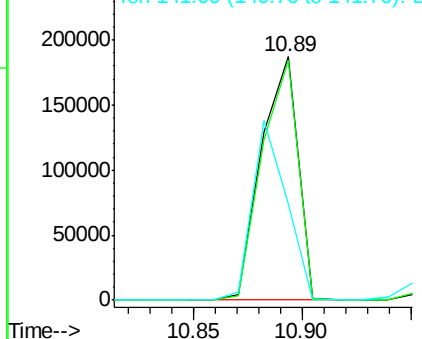


#66
 4-Bromophenyl-phenylether
 Concen: 45.59 ng
 RT: 10.89 min Scan# 753
 Delta R.T. -0.06 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

Tgt Ion:248 Resp: 219949
 Ion Ratio Lower Upper
 248 100
 250 98.4 78.2 117.4
 141 39.8 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

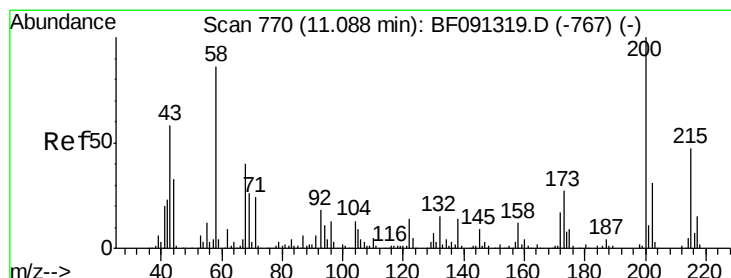
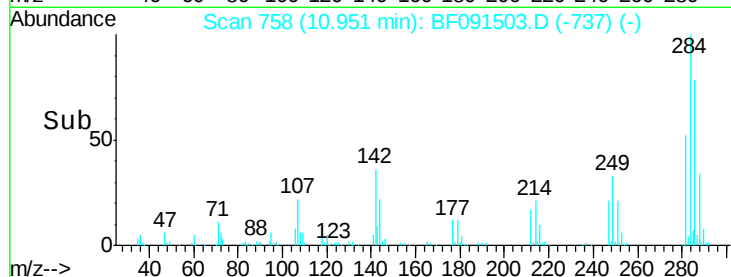
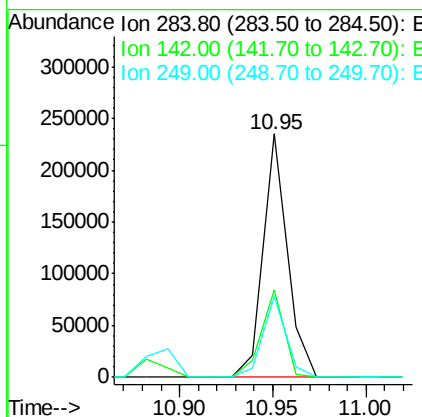
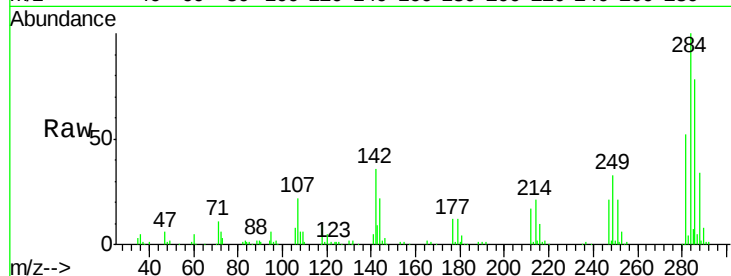




#67
Hexachlorobenzene
Concen: 40.27 ng
RT: 10.95 min Scan# 758
Delta R.T. -0.06 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

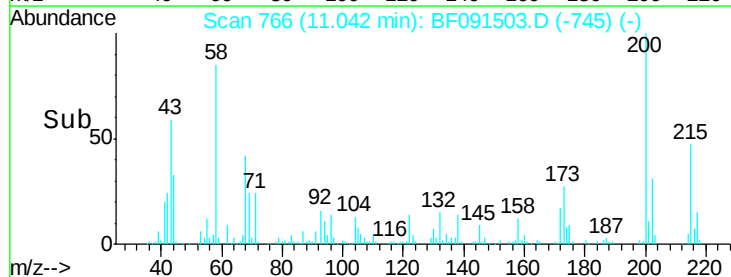
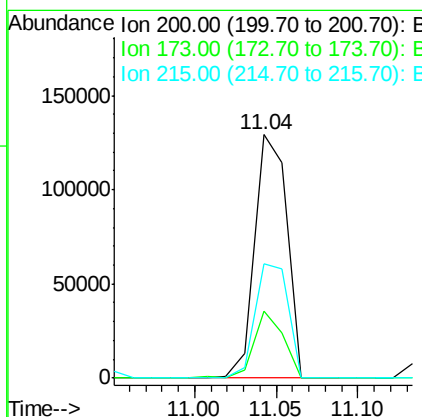
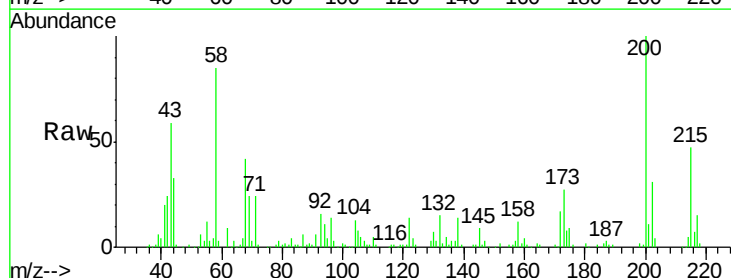
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

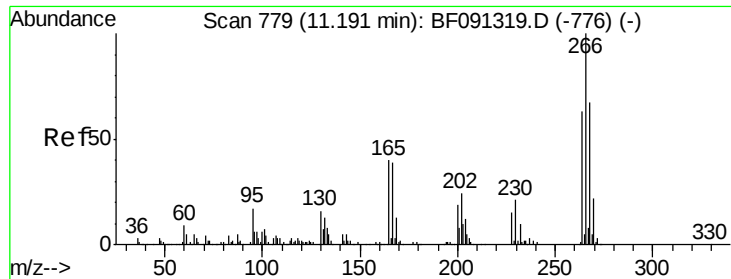
Tgt Ion: 284 Resp: 209905
Ion Ratio Lower Upper
284 100
142 35.7 17.9 26.9#
249 33.1 23.6 35.4



#68
Atrazine
Concen: 40.08 ng
RT: 11.04 min Scan# 766
Delta R.T. -0.06 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

Tgt Ion: 200 Resp: 176631
Ion Ratio Lower Upper
200 100
173 27.3 7.8 47.8
215 46.9 24.3 64.3

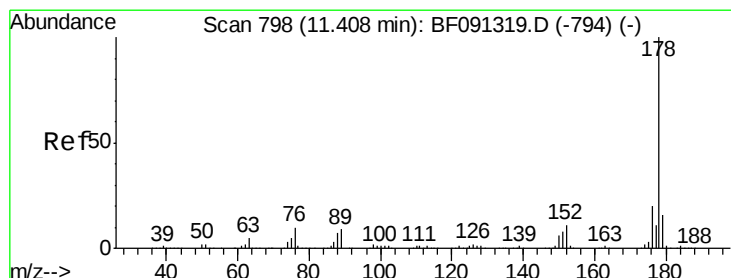
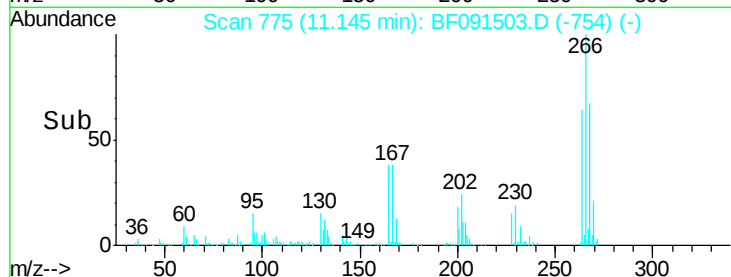
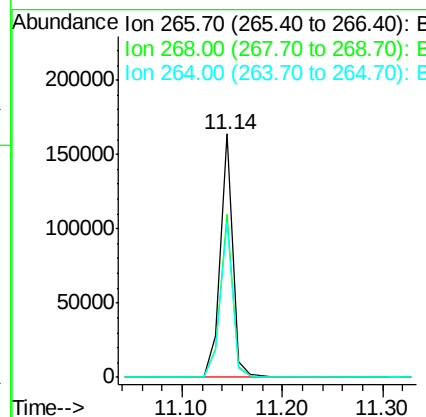
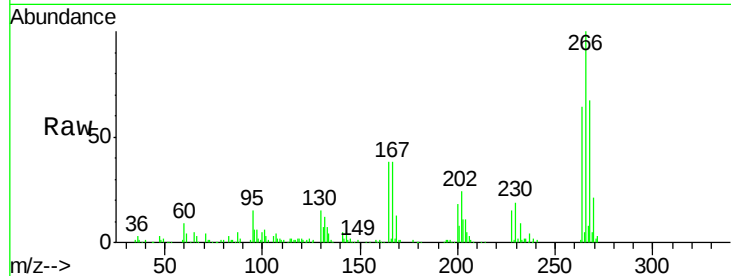




#69
 Pentachlorophenol
 Concen: 46.28 ng
 RT: 11.14 min Scan# 775
 Delta R.T. -0.06 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

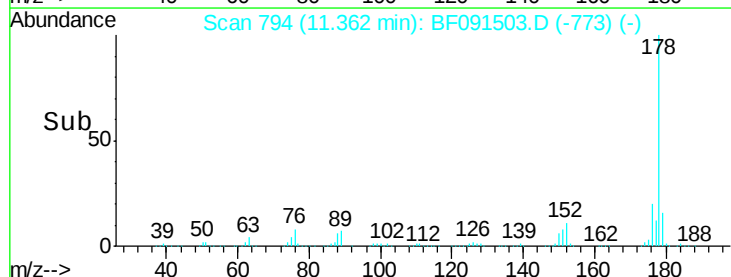
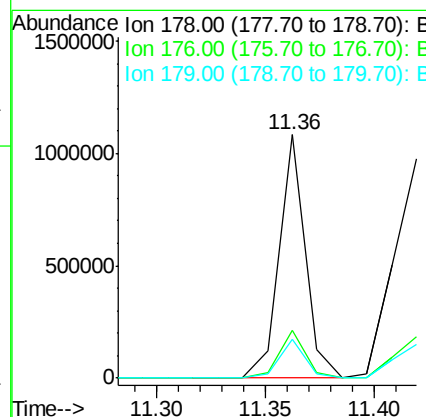
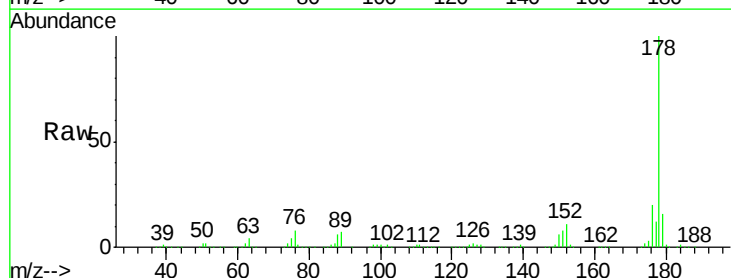
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

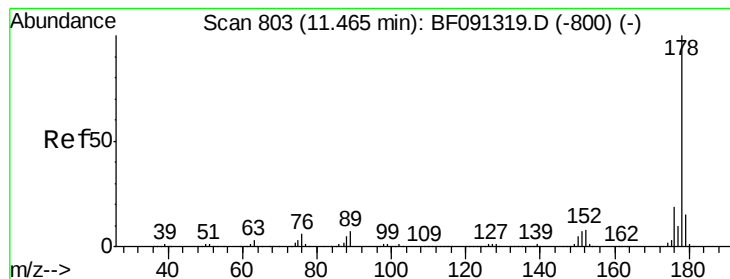
Tgt Ion:266 Resp: 142028
 Ion Ratio Lower Upper
 266 100
 268 67.2 50.3 75.5
 264 63.6 48.2 72.2



#70
 Phenanthrene
 Concen: 39.29 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.06 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

Tgt Ion:178 Resp: 916221
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 15.8 12.6 18.8





#71

Anthracene

Concen: 44.74 ng

RT: 11.42 min Scan# 799

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

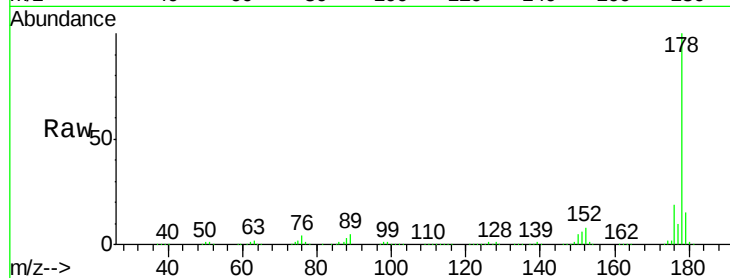
Tgt Ion:178 Resp: 1035571

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.6

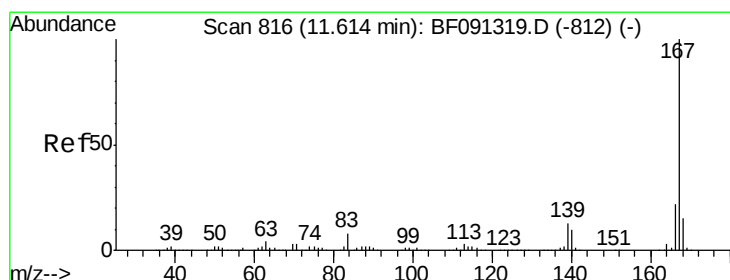
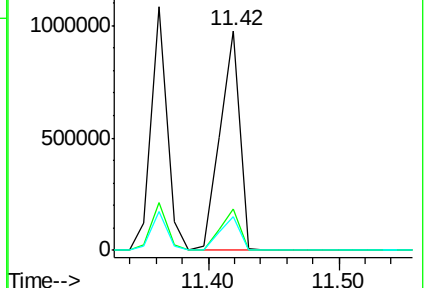
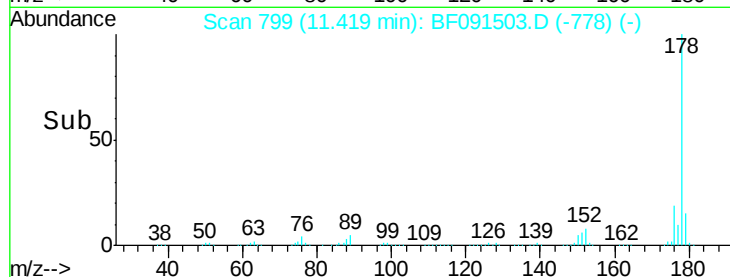
179 15.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.46 ng

RT: 11.57 min Scan# 812

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

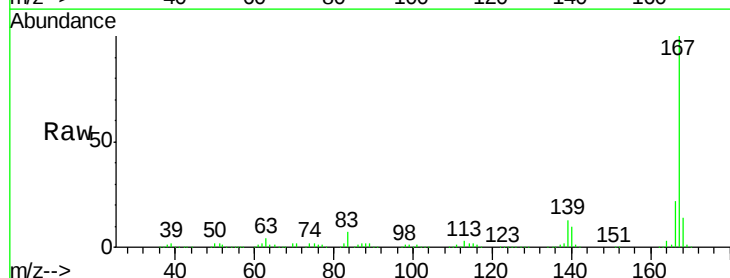
Tgt Ion:167 Resp: 849791

Ion Ratio Lower Upper

167 100

166 21.7 18.1 27.1

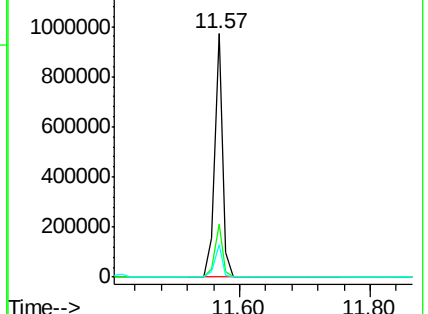
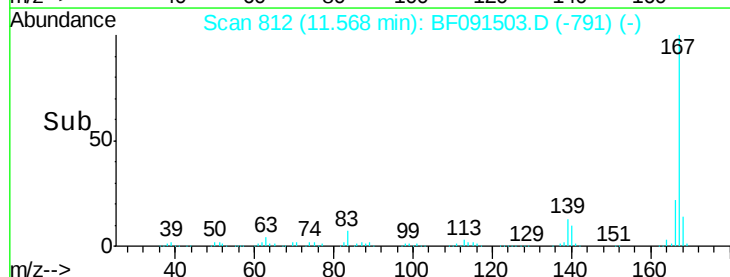
139 13.2 11.5 17.3

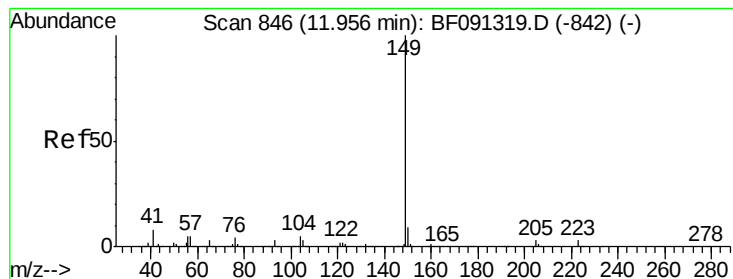


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.74 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

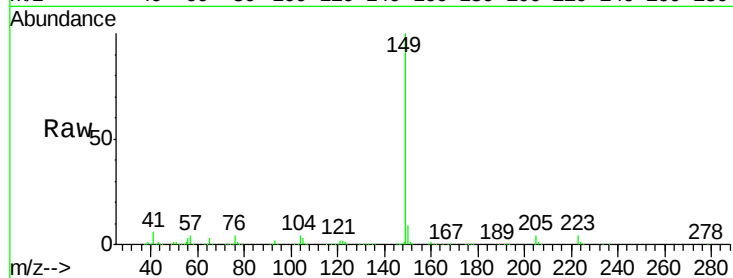
Tgt Ion:149 Resp: 1041184

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

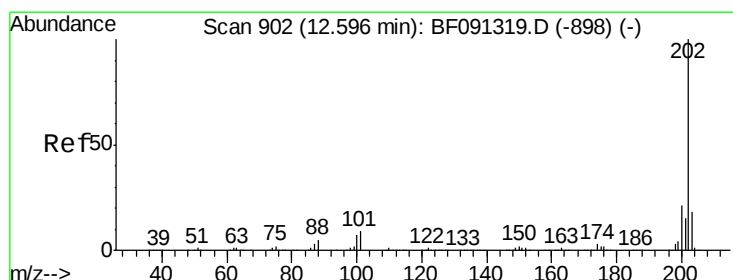
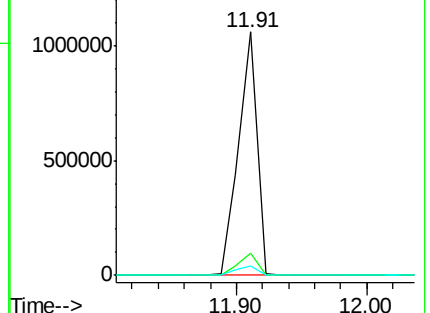
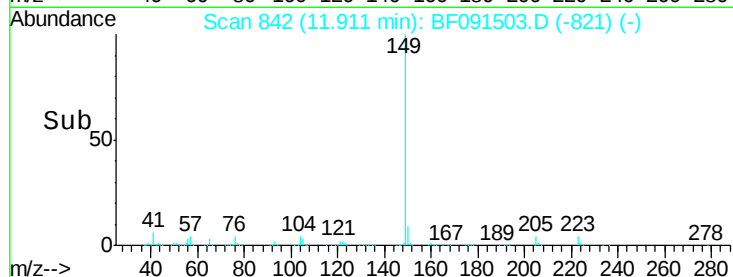
104 4.1 4.0 6.0



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: 48.48 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

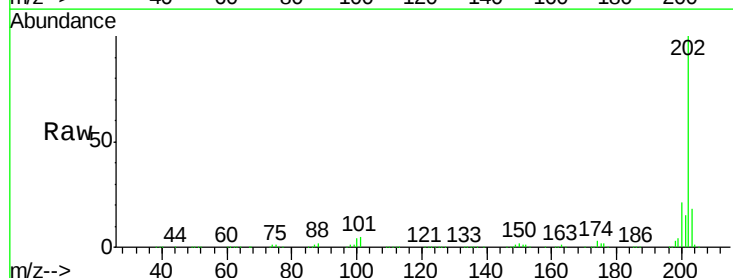
Tgt Ion:202 Resp: 1070855

Ion Ratio Lower Upper

202 100

101 5.1 0.0 29.5

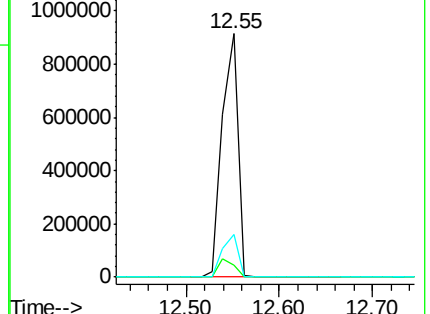
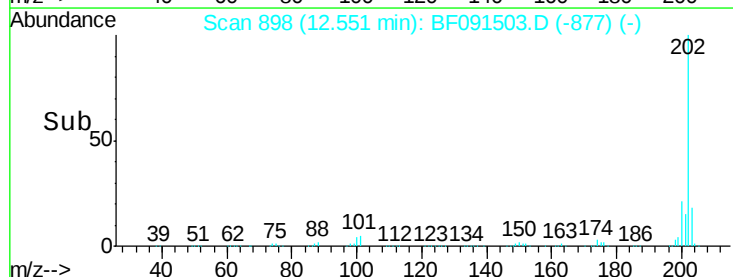
203 17.6 0.0 37.8

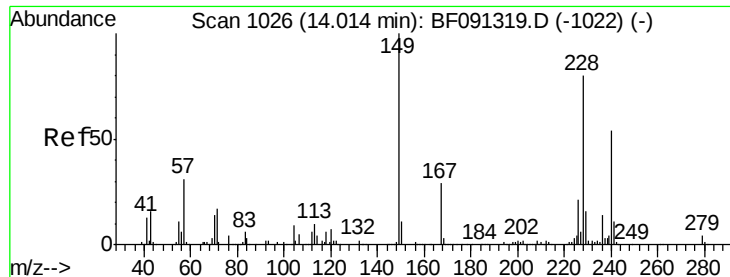


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

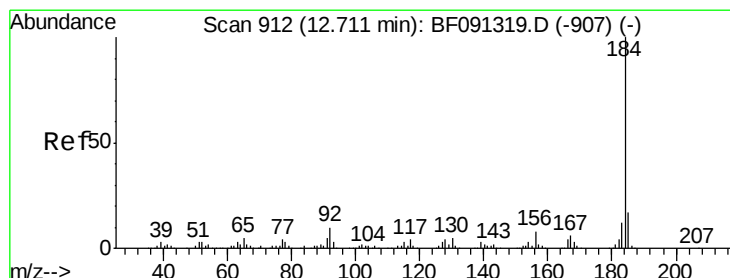
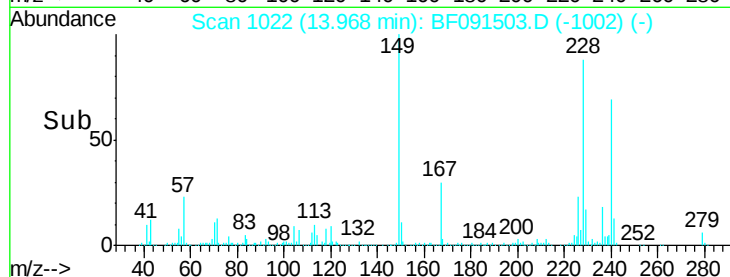
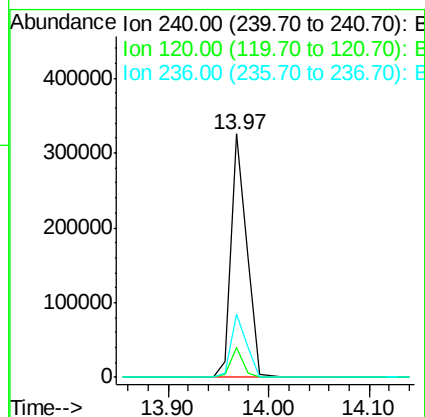
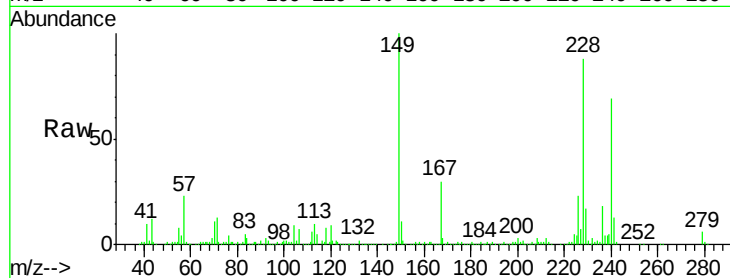
Tgt Ion:240 Resp: 353602

Ion Ratio Lower Upper

240 100

120 12.4 12.1 18.1

236 25.7 21.0 31.6



#76

Benzidine

Concen: 24.71 ng

RT: 12.67 min Scan# 908

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

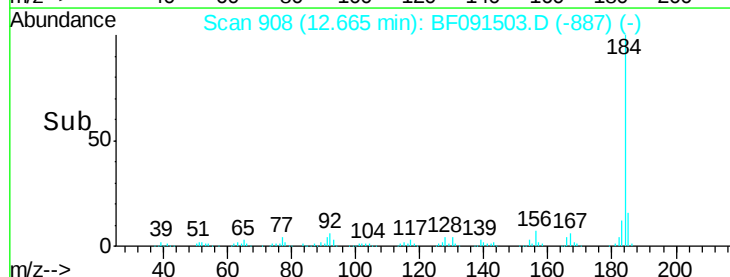
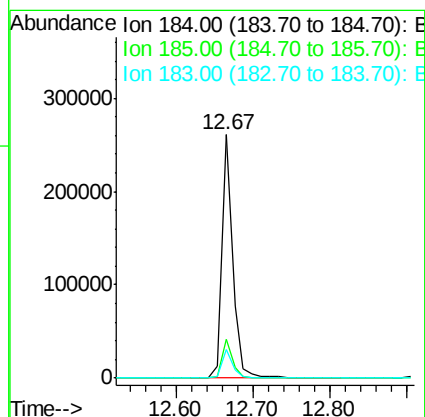
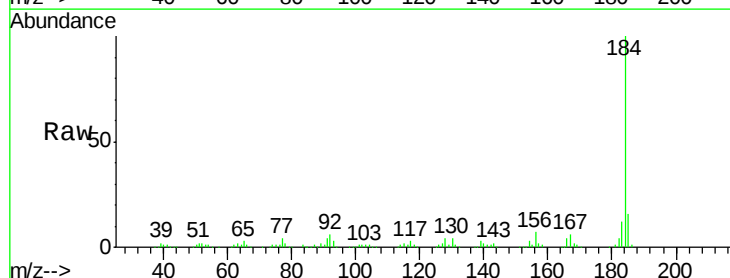
Tgt Ion:184 Resp: 256505

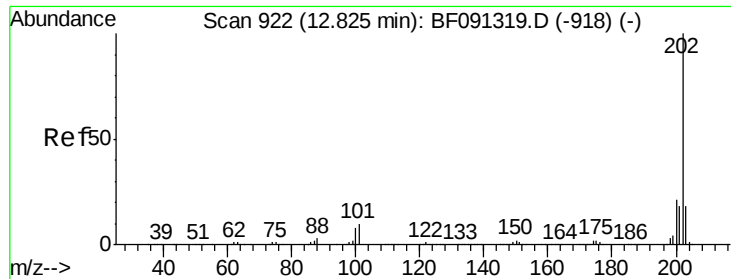
Ion Ratio Lower Upper

184 100

185 16.2 13.1 19.7

183 11.6 8.9 13.3

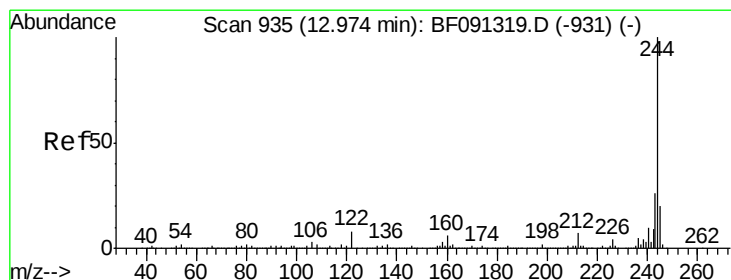
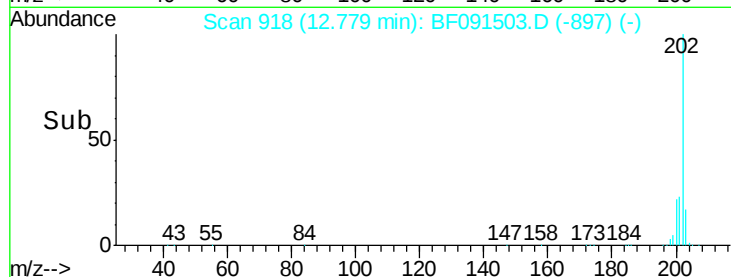
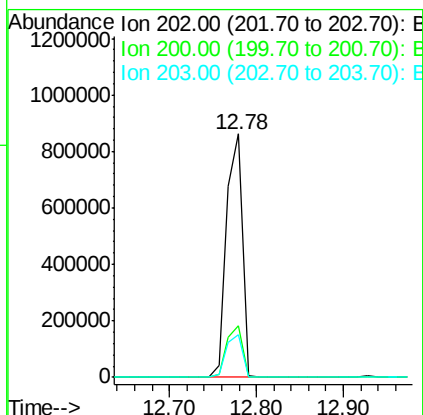
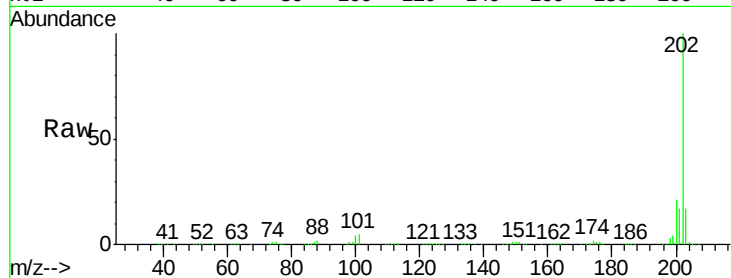




#77
 Pyrene
 Concen: 40.66 ng
 RT: 12.78 min Scan# 918
 Delta R.T. -0.06 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

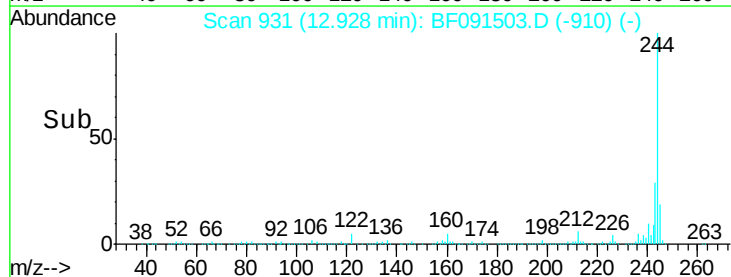
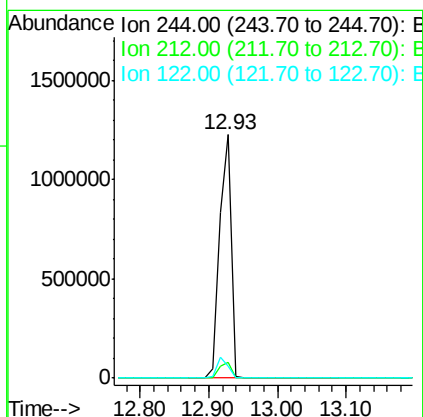
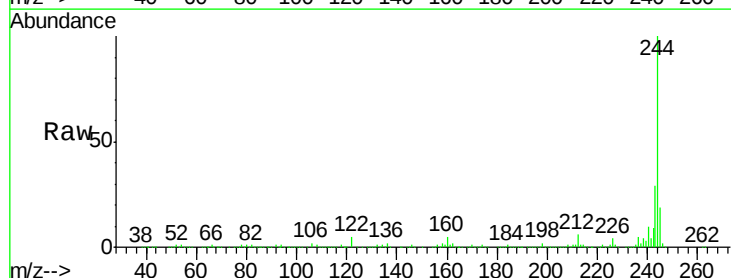
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

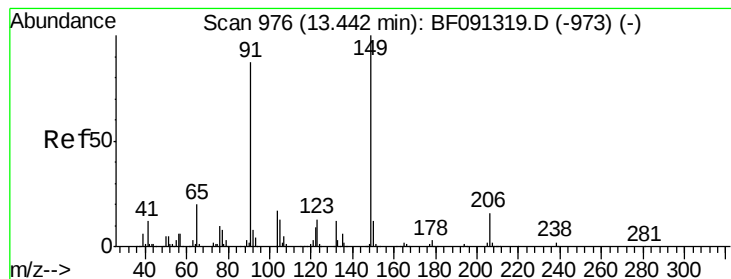
Tgt Ion: 202 Resp: 1090975
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.6 26.4
 203 17.5 14.0 21.0



#78
 Terphenyl-d14
 Concen: 89.53 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.06 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

Tgt Ion: 244 Resp: 1456573
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.5 9.7#
 122 5.1 9.5 14.3#





#79

Butylbenzylphthalate

Concen: 42.30 ng

RT: 13.40 min Scan# 972

Delta R.T. -0.07 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

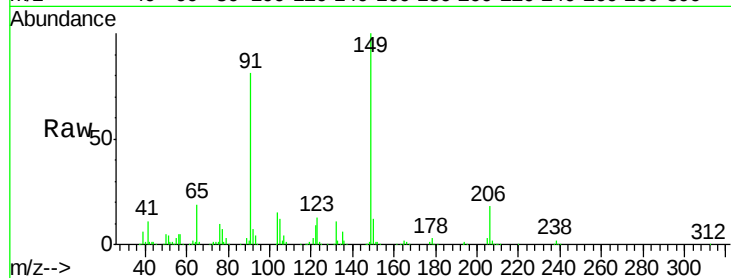
Tgt Ion:149 Resp: 425071

Ion Ratio Lower Upper

149 100

91 80.9 57.4 86.2

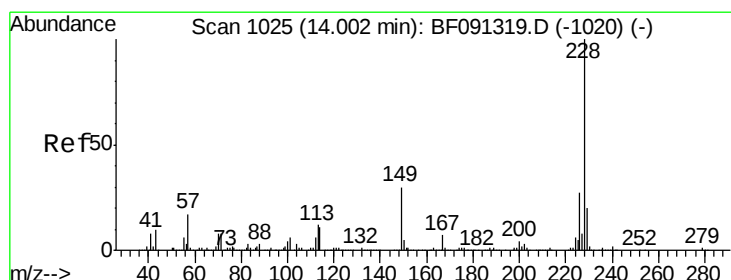
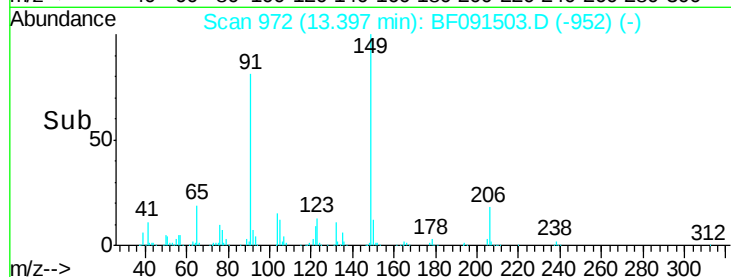
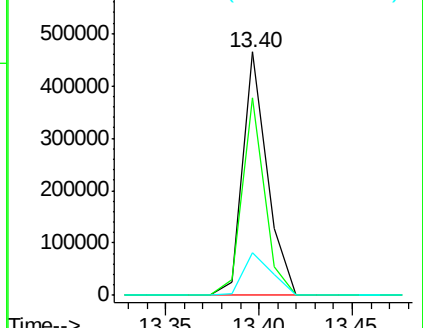
206 17.6 15.4 23.2



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: 45.66 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.06 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

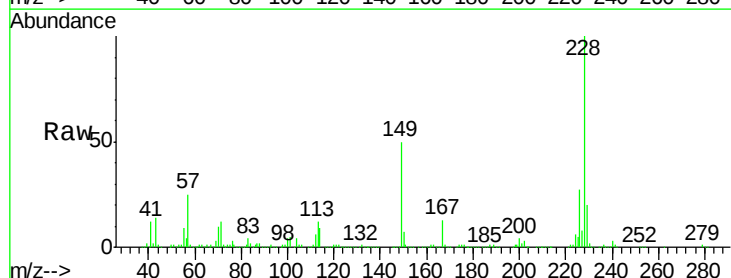
Tgt Ion:228 Resp: 944147

Ion Ratio Lower Upper

228 100

226 27.3 22.5 33.7

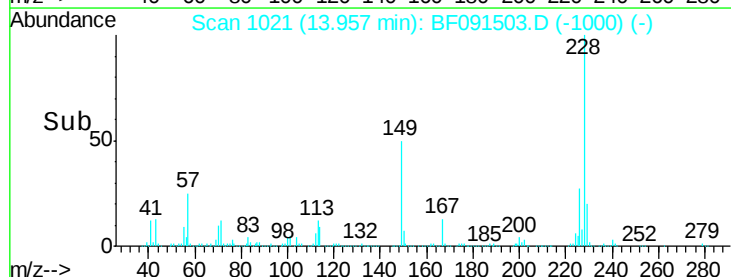
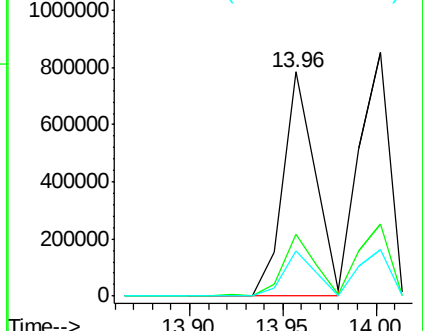
229 20.1 16.4 24.6

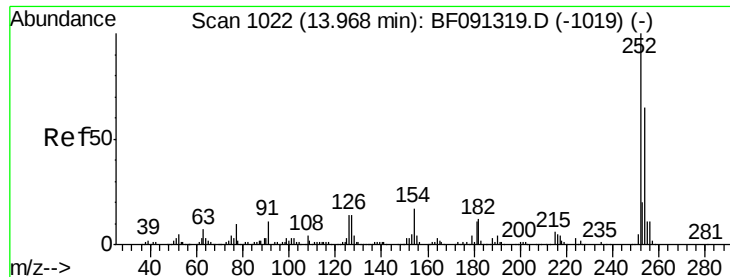


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

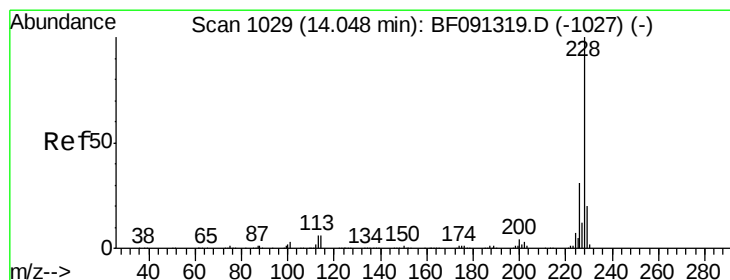
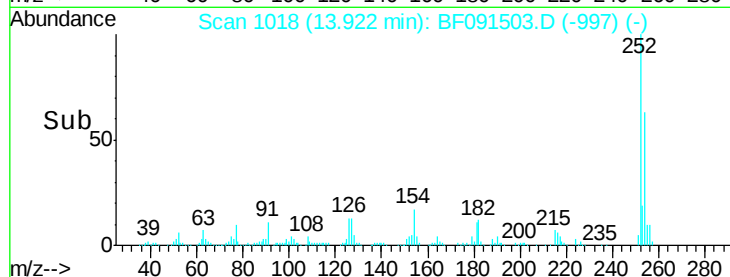
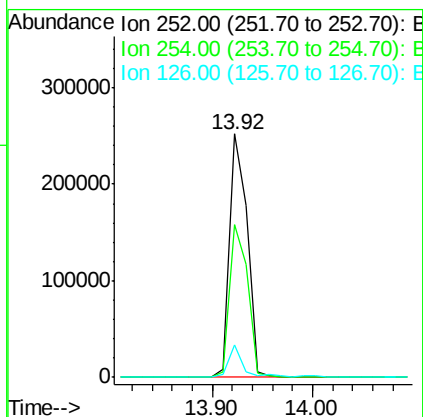
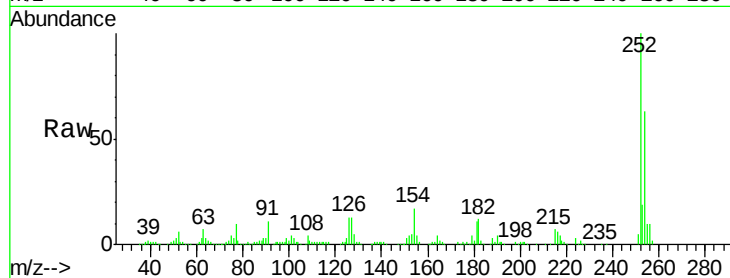




#81
 3,3'-Dichlorobenzidine
 Concen: 42.37 ng
 RT: 13.92 min Scan# 1018
 Delta R.T. -0.06 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

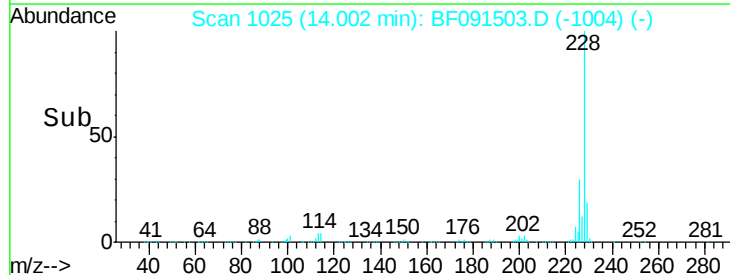
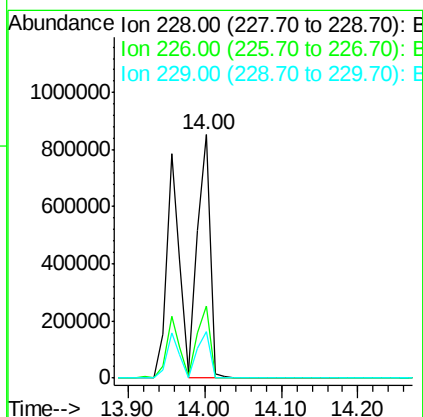
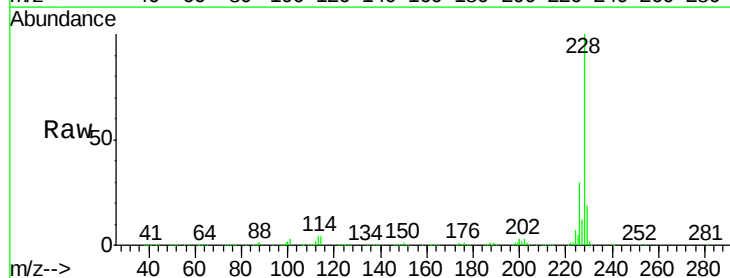
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:252 Resp: 308634
 Ion Ratio Lower Upper
 252 100
 254 62.5 52.1 78.1
 126 13.2 7.5 11.3#



#82
 Chrysene
 Concen: 46.98 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.06 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

Tgt Ion:228 Resp: 961334
 Ion Ratio Lower Upper
 228 100
 226 29.6 25.0 37.4
 229 19.3 16.0 24.0

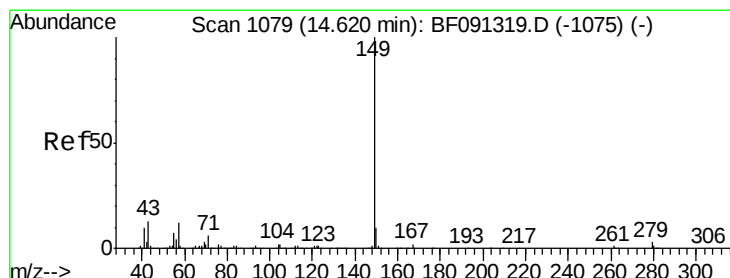
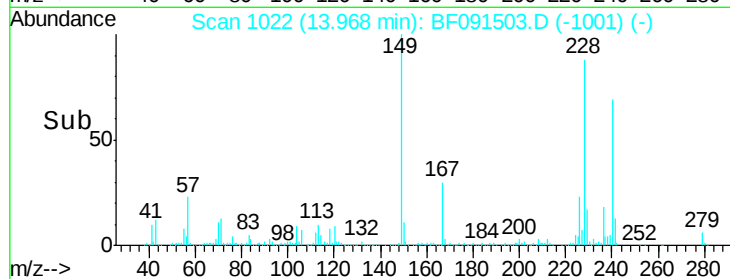
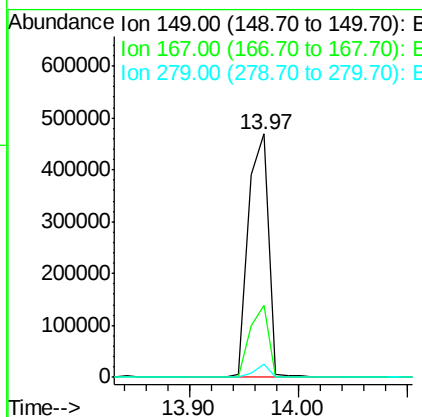
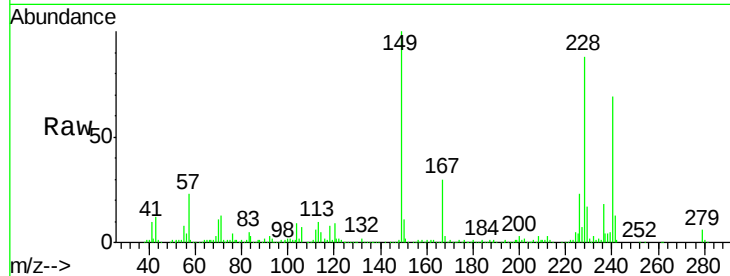




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.40 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.06 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

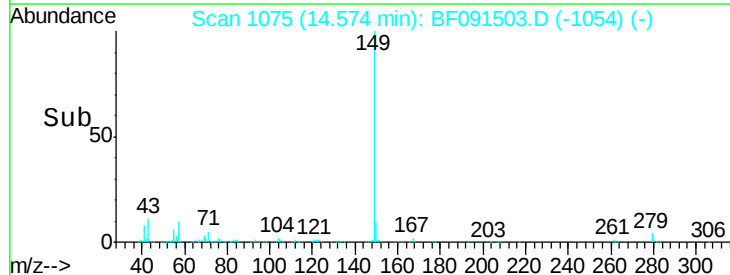
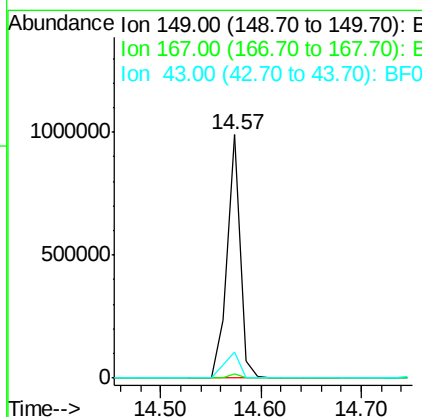
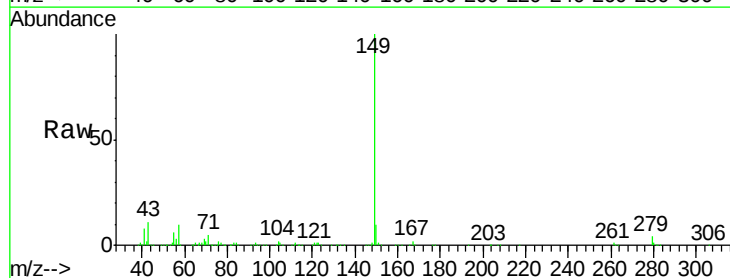
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

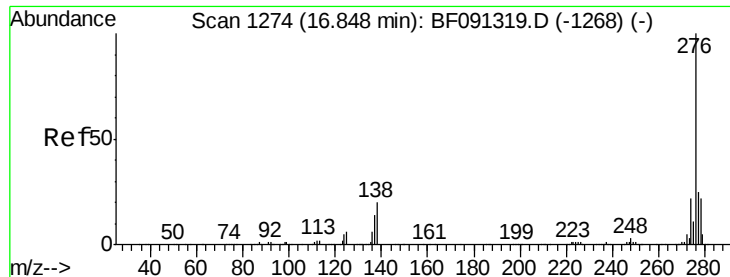
Tgt Ion:149 Resp: 603736
 Ion Ratio Lower Upper
 149 100
 167 29.6 19.6 29.4#
 279 5.5 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 46.57 ng
 RT: 14.57 min Scan# 1075
 Delta R.T. -0.06 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

Tgt Ion:149 Resp: 897537
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.9 11.9 17.9

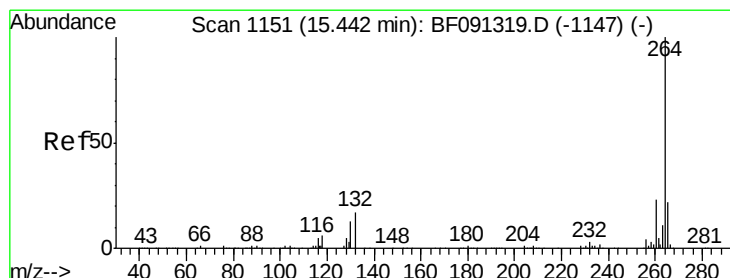
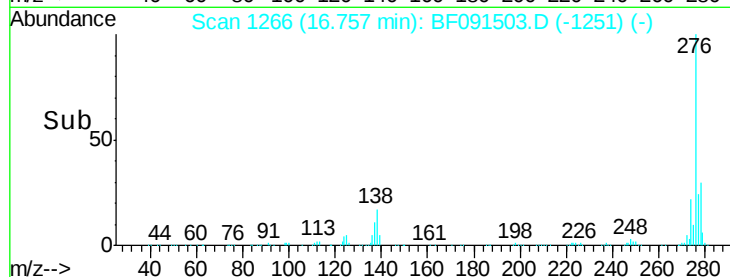
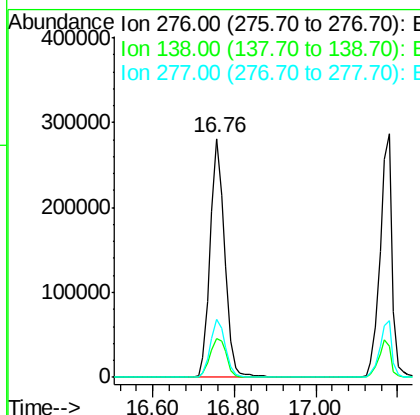
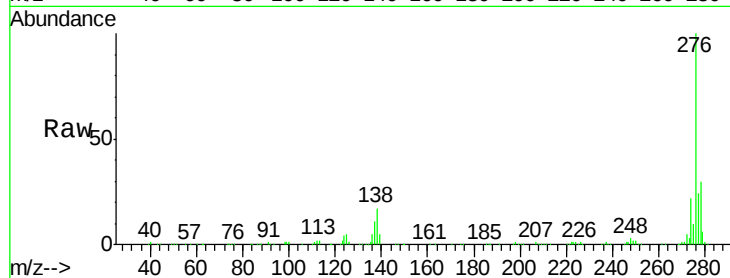




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.15 ng
 RT: 16.76 min Scan# 1266
 Delta R.T. -0.13 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

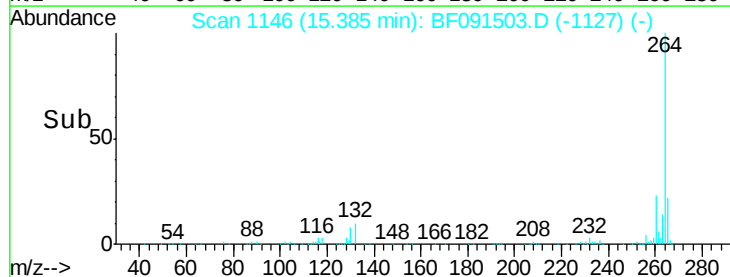
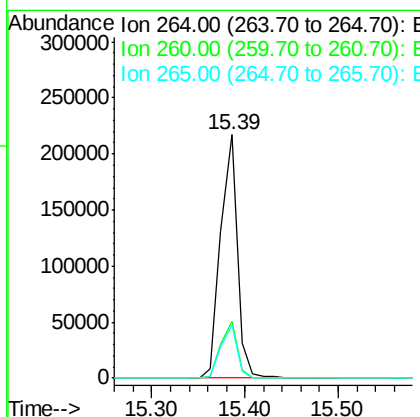
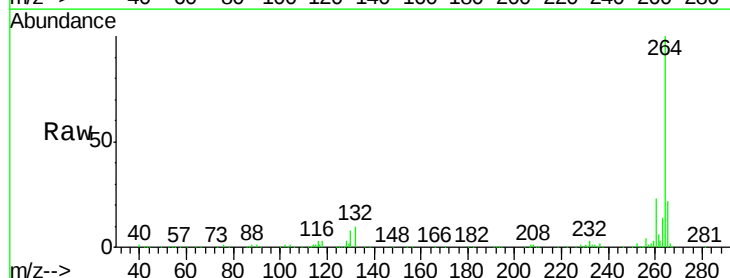
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 276 Resp: 696194
 Ion Ratio Lower Upper
 276 100
 138 18.7 21.0 31.4#
 277 25.2 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.09 min
 Lab File: BF091503.D
 Acq: 8 Dec 2016 14:59

Tgt Ion: 264 Resp: 271684
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 21.7 17.0 25.6

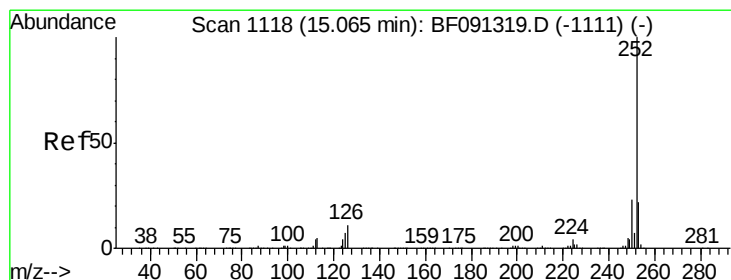
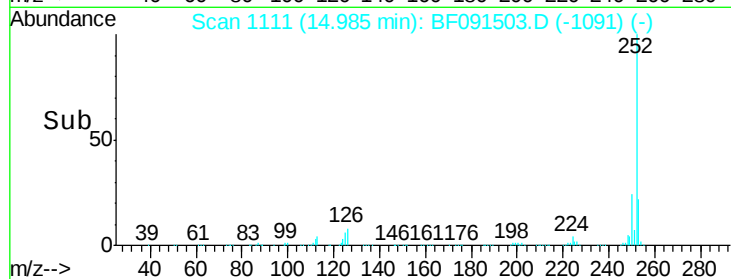
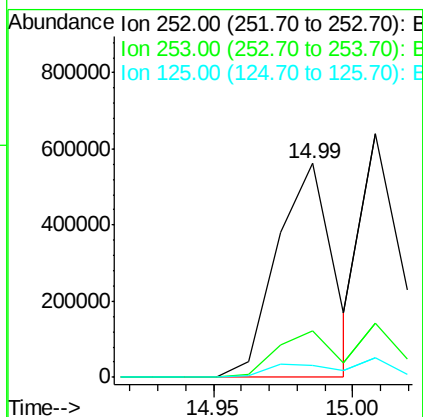
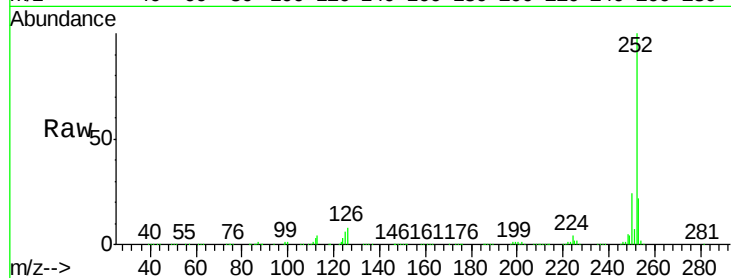




#87
Benzo(b)fluoranthene
Concen: 46.94 ng m
RT: 14.99 min Scan# 1111
Delta R.T. -0.07 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

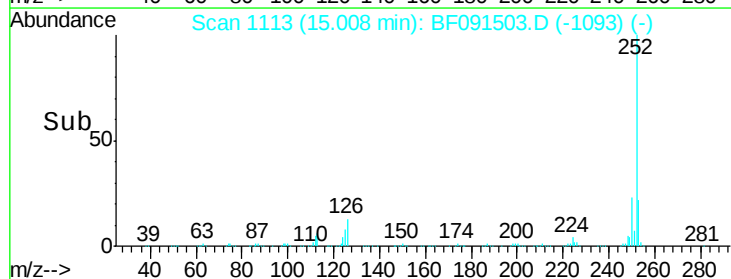
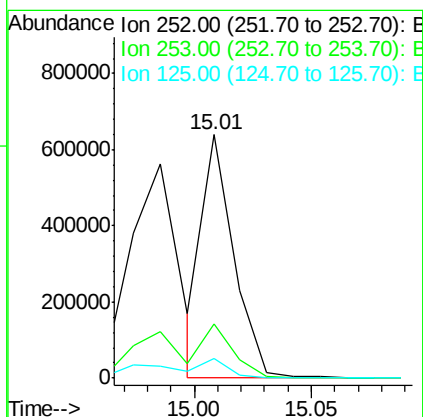
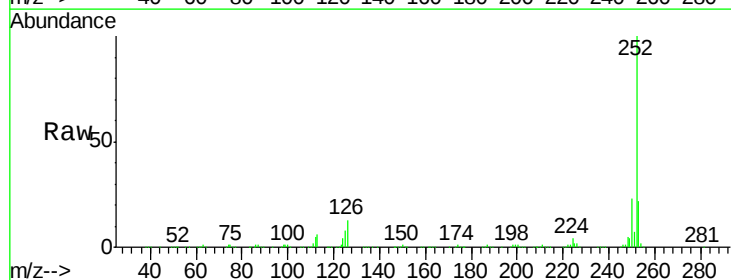
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

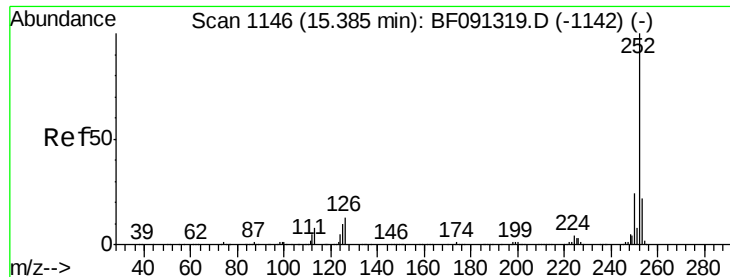
Tgt Ion:252 Resp: 792611
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 5.7 8.6 13.0#



#88
Benzo(k)fluoranthene
Concen: 43.24 ng m
RT: 15.01 min Scan# 1113
Delta R.T. -0.07 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

Tgt Ion:252 Resp: 614042
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 8.1 9.6 14.4#

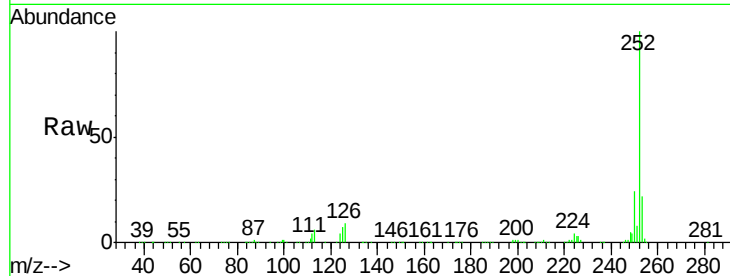




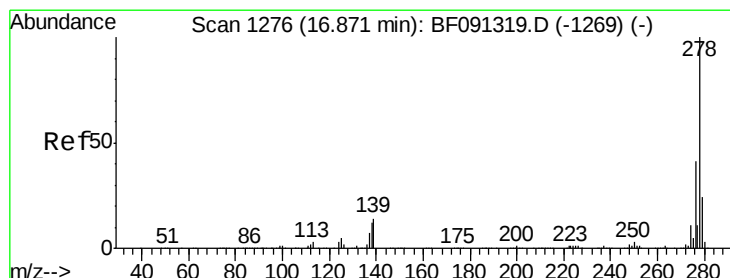
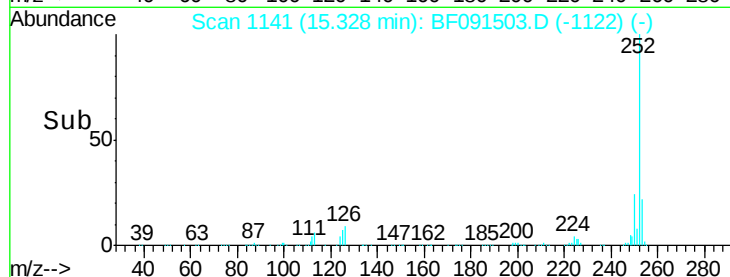
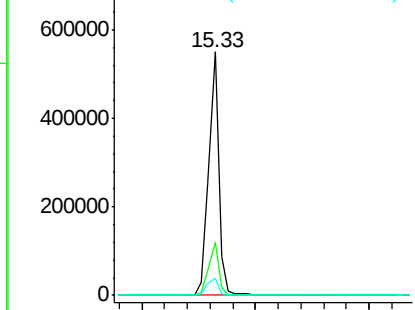
#89
Benzo(a)pyrene
Concen: 43.10 ng
RT: 15.33 min Scan# 1141
Delta R.T. -0.09 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 653572
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 7.2 10.4 15.6#

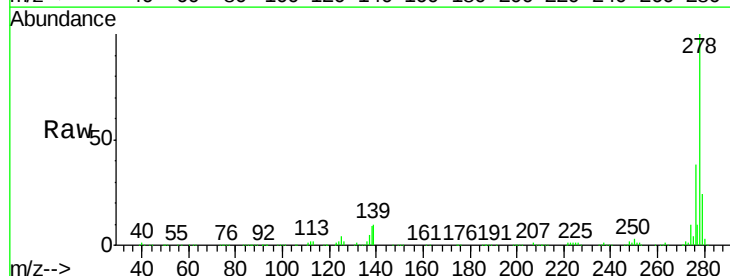


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

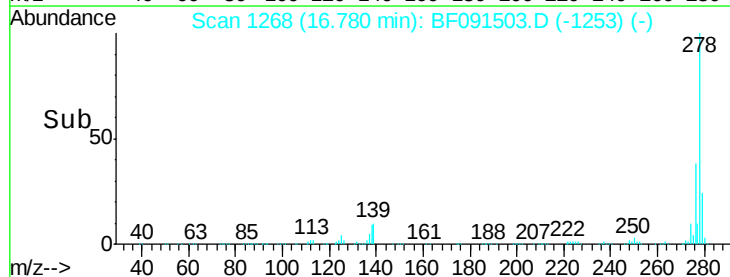
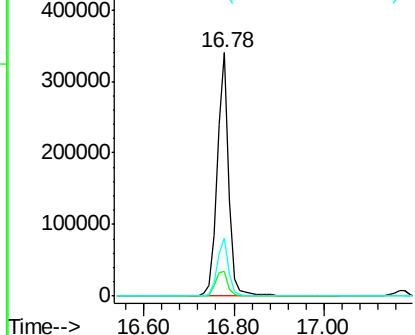


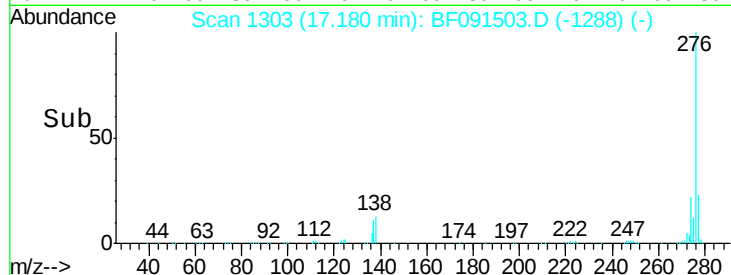
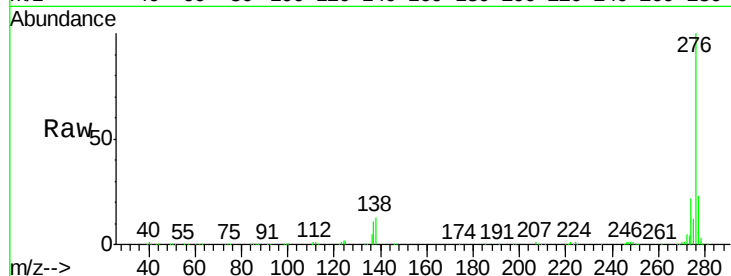
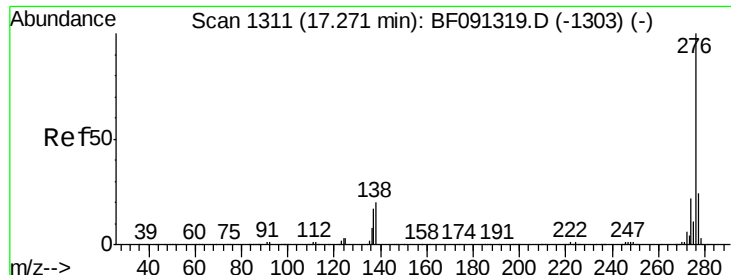
#90
Dibenzo(a,h)anthracene
Concen: 42.68 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.13 min
Lab File: BF091503.D
Acq: 8 Dec 2016 14:59

Tgt Ion:278 Resp: 598712
Ion Ratio Lower Upper
278 100
139 10.4 15.1 22.7#
279 23.7 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(g,h,i)perylene

Concen: 42.01 ng

RT: 17.18 min Scan# 1303

Delta R.T. -0.13 min

Lab File: BF091503.D

Acq: 8 Dec 2016 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 607492

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 12.9 15.4 23.0#

