

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
 Data File : BF091418.D
 Acq On : 5 Dec 2016 14:20
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 06 00:03:41 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	6.85	152	173777	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	727802	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	391214	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	688328	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	472683	20.00	ng	-0.04
86) Perylene-d12	15.43	264	405808	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	785779	73.87	ng	-0.03
7) Phenol-d6	6.48	99	1017758	77.72	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1022999	78.77	ng	-0.03
41) 2,4,6-Tribromophenol	10.68	330	285543	77.10	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	1665412	77.08	ng	-0.03
78) Terphenyl-d14	12.96	244	1878774	86.39	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	175525	36.47	ng	# 85
3) Pyridine	3.16	79	532492	39.10	ng	# 81
4) n-Nitrosodimethylamine	3.11	42	286652	40.12	ng	98
6) Aniline	6.52	93	712630	40.97	ng	# 68
8) 2-Chlorophenol	6.63	128	445450	38.19	ng	# 82
9) Benzaldehyde	6.39	77	296046	35.16	ng	90
10) Phenol	6.49	94	582236	37.79	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	413323	37.54	ng	95
12) 1,3-Dichlorobenzene	6.79	146	514715	39.67	ng	97
13) 1,4-Dichlorobenzene	6.87	146	548216	42.48	ng	99
14) 1,2-Dichlorobenzene	7.02	146	449056	37.36	ng	99
15) Benzyl Alcohol	7.00	79	468124	44.67	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	940721	39.74	ng	72
17) 2-Methylphenol	7.11	107	385011	41.76	ng	# 78
18) Hexachloroethane	7.36	117	180050	39.29	ng	# 81
19) n-Nitroso-di-n-propylamine	7.27	70	319946	38.78	ng	# 96
20) 3+4-Methylphenols	7.26	107	419876	37.31	ng	# 69
22) Acetophenone	7.27	105	667650	38.70	ng	97
24) Nitrobenzene	7.43	77	473303	35.60	ng	95
25) Isophorone	7.68	82	900897	39.16	ng	97
26) 2-Nitrophenol	7.75	139	241066	39.78	ng	96
27) 2,4-Dimethylphenol	7.80	122	439947	38.81	ng	93
28) bis(2-Chloroethoxy)methane	7.89	93	517713	37.38	ng	100
29) 2,4-Dichlorophenol	7.99	162	364320	36.54	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	451041	40.35	ng	96
31) Naphthalene	8.16	128	1414246	40.89	ng	100
32) Benzoic acid	7.92	122	345996	41.41	ng	94
33) 4-Chloroaniline	8.21	127	594761	40.22	ng	98
34) Hexachlorobutadiene	8.28	225	257257	37.42	ng	97
35) Caprolactam	8.58	113	119310	41.63	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	408298	37.93	ng	97
37) 2-Methylnaphthalene	8.85	142	851719	36.24	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	462989	41.98	ng	# 96
40) Hexachlorocyclopentadiene	9.01	237	232352	45.45	ng	99

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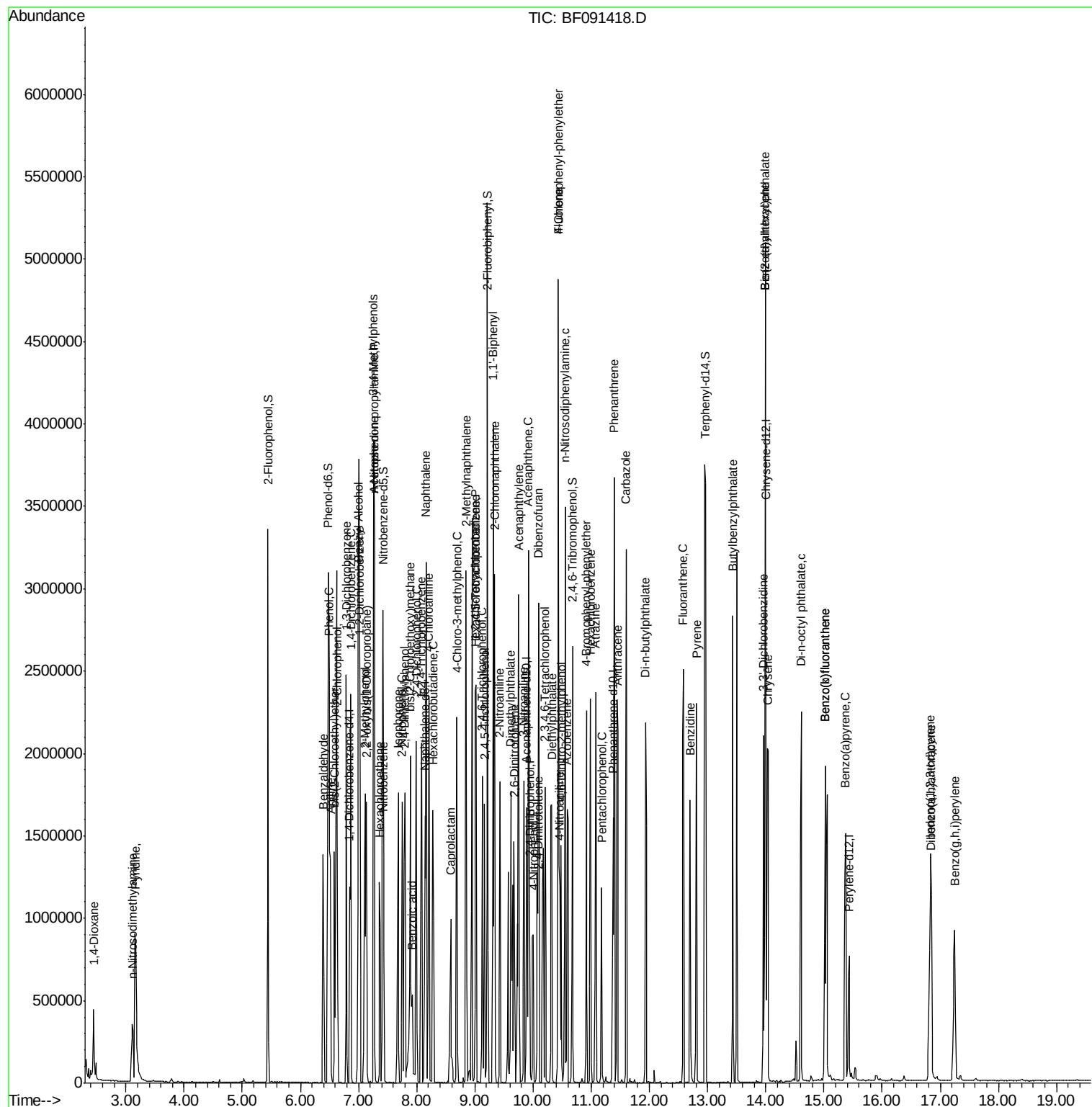
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	289567	40.40	ng	98
43) 2,4,5-Trichlorophenol	9.17	196	304622	42.41	ng	95
45) 1,1'-Biphenyl	9.32	154	1173005	41.70	ng	96
46) 2-Chloronaphthalene	9.34	162	865519	41.31	ng	97
47) 2-Nitroaniline	9.43	65	326083	43.34	ng	# 78
48) Acenaphthylene	9.75	152	1224738	37.14	ng	99
49) Dimethylphthalate	9.61	163	949579	40.09	ng	97
50) 2,6-Dinitrotoluene	9.67	165	216300	40.85	ng	89
51) Acenaphthene	9.92	154	844813	37.98	ng	96
52) 3-Nitroaniline	9.84	138	233665	38.13	ng	91
53) 2,4-Dinitrophenol	9.94	184	120815	52.18	ng	95
54) Dibenzofuran	10.09	168	1115316	37.45	ng	97
55) 4-Nitrophenol	10.00	139	207716	46.93	ng	# 71
56) 2,4-Dinitrotoluene	10.08	165	299058	43.54	ng	# 86
57) Fluorene	10.44	166	870114	38.05	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	241361	39.35	ng	96
59) Diethylphthalate	10.32	149	1011453	43.26	ng	# 92
60) 4-Chlorophenyl-phenylether	10.44	204	452062	39.42	ng	96
61) 4-Nitroaniline	10.46	138	264103	45.89	ng	98
62) Azobenzene	10.58	77	998669	41.86	ng	83
64) 4,6-Dinitro-2-methylphenol	10.48	198	159844	42.15	ng	# 75
65) n-Nitrosodiphenylamine	10.55	169	826657	39.61	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	287353	38.84	ng	98
67) Hexachlorobenzene	10.98	284	308782	38.62	ng	# 88
68) Atrazine	11.08	200	244091	36.11	ng	98
69) Pentachlorophenol	11.18	266	203642	43.27	ng	96
70) Phenanthrene	11.40	178	1343815	37.57	ng	100
71) Anthracene	11.45	178	1410385	39.73	ng	98
72) Carbazole	11.60	167	1325092	41.14	ng	98
73) Di-n-butylphthalate	11.93	149	1472018	40.32	ng	99
74) Fluoranthene	12.59	202	1491386	44.02	ng	97
76) Benzidine	12.70	184	584390	42.11	ng	99
77) Pyrene	12.81	202	1509672	42.09	ng	99
79) Butylbenzylphthalate	13.43	149	595251	44.31	ng	96
80) Benzo(a)anthracene	13.99	228	1116444	40.39	ng	100
81) 3,3'-Dichlorobenzidine	13.96	252	408019	41.90	ng	# 97
82) Chrysene	14.04	228	1152703	42.14	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	777886	45.69	ng	98
84) Di-n-octyl phthalate	14.61	149	1327966	51.54	ng	97
85) Indeno(1,2,3-cd)pyrene	16.83	276	962796	38.44	ng	95
87) Benzo(b)fluoranthene	15.02	252	958753	38.01	ng	98
88) Benzo(k)fluoranthene	15.02	252	958753	45.20	ng	# 97
89) Benzo(a)pyrene	15.37	252	919786	40.61	ng	# 94
90) Dibenzo(a,h)anthracene	16.85	278	822510	39.26	ng	# 92
91) Benzo(g,h,i)perylene	17.25	276	827721	38.32	ng	98

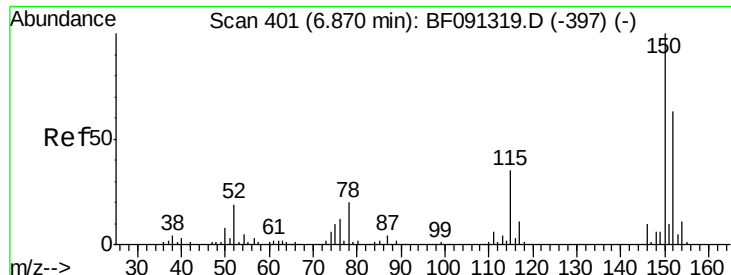
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

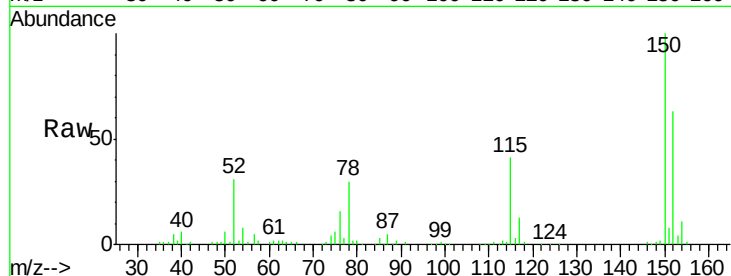
Tgt Ion:152 Resp: 173777

Ion Ratio Lower Upper

152 100

150 157.9 122.5 183.7

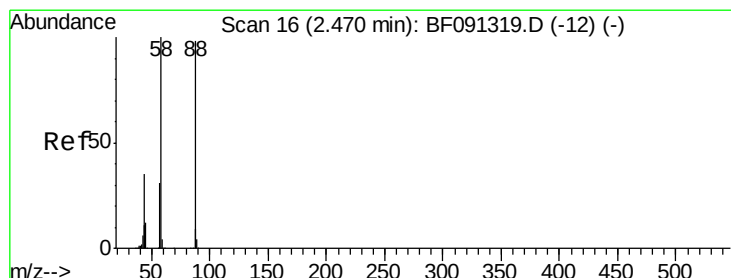
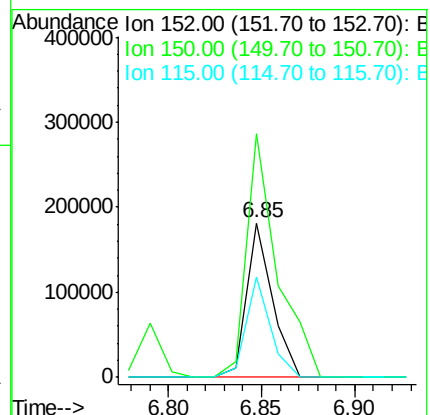
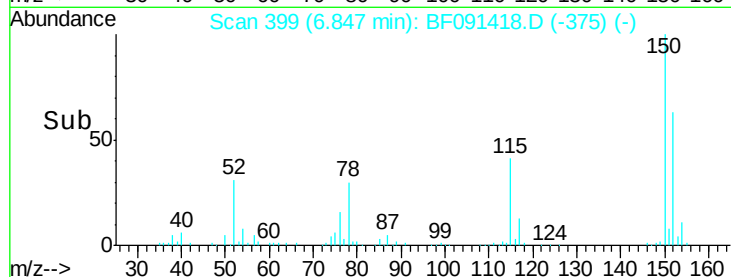
115 65.4 51.8 77.8



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: 36.47 ng

RT: 2.45 min Scan# 14

Delta R.T. -0.05 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

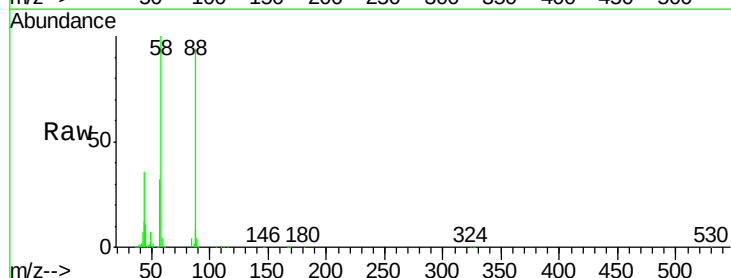
Tgt Ion: 88 Resp: 175525

Ion Ratio Lower Upper

88 100

58 107.9 70.3 105.5#

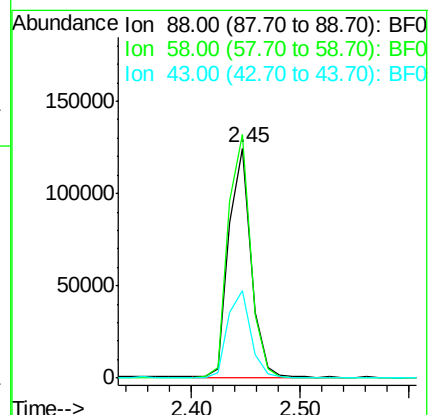
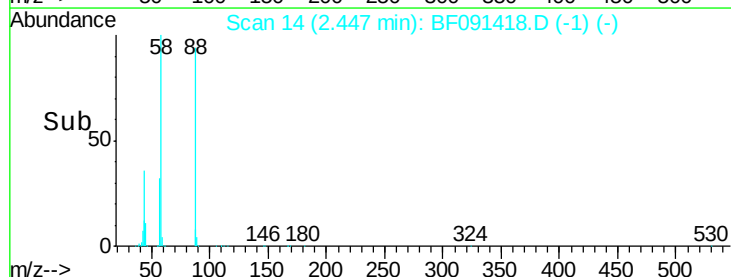
43 39.9 31.3 46.9

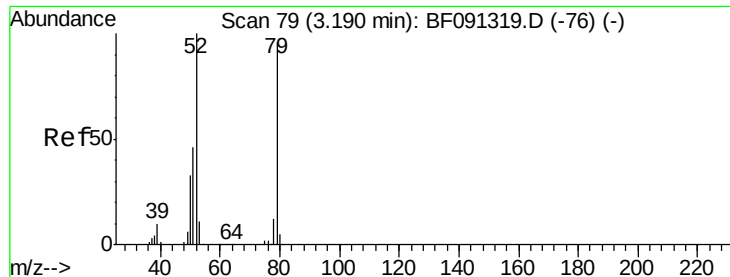


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.10 ng

RT: 3.16 min Scan# 76

Delta R.T. -0.06 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

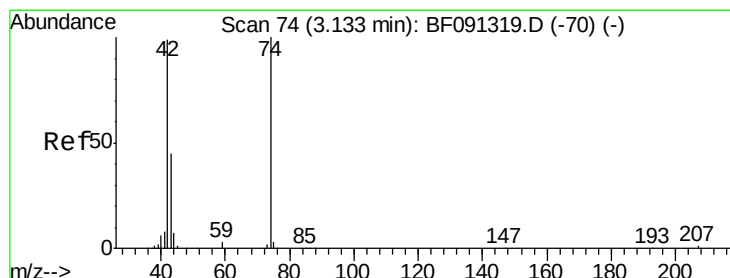
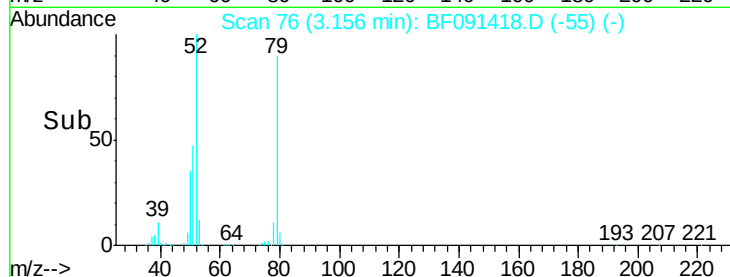
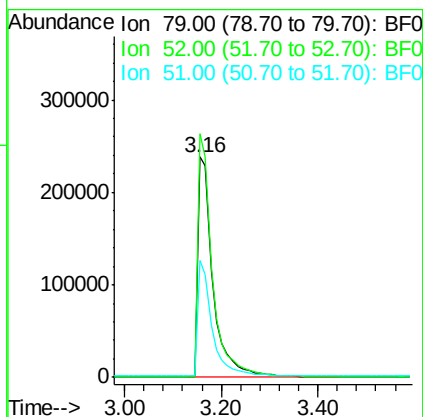
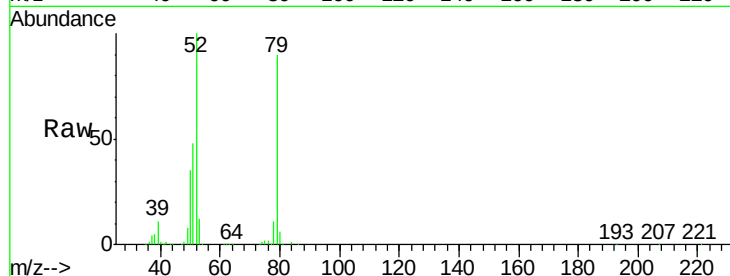
Tgt Ion: 79 Resp: 532492

Ion Ratio Lower Upper

79 100

52 110.5 71.0 106.4#

51 52.9 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 40.12 ng

RT: 3.11 min Scan# 72

Delta R.T. -0.06 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

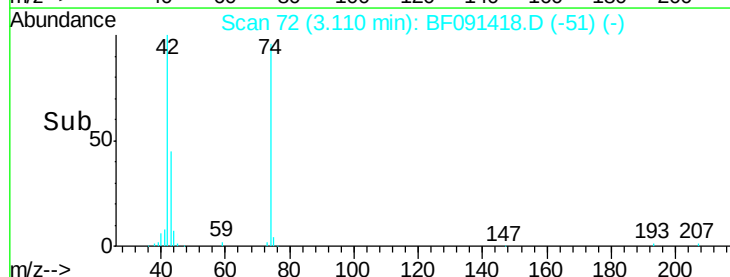
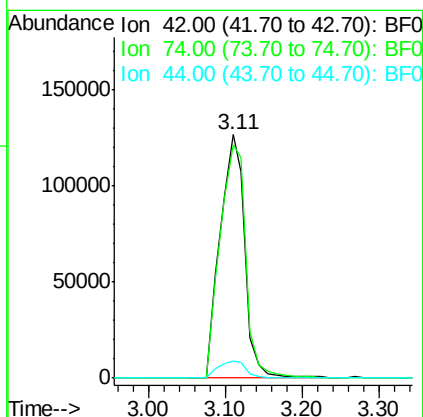
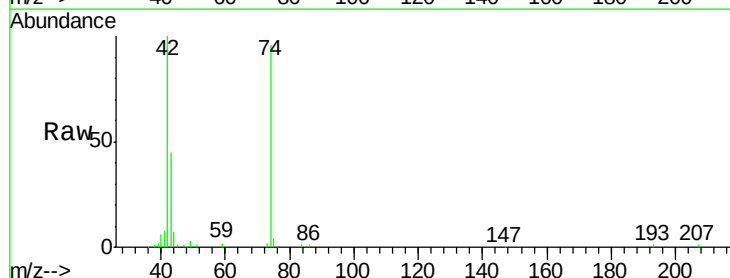
Tgt Ion: 42 Resp: 286652

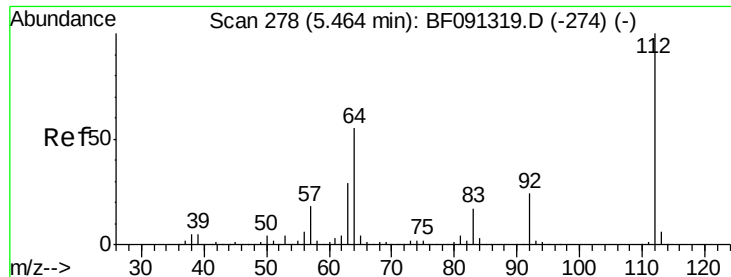
Ion Ratio Lower Upper

42 100

74 96.1 78.9 118.3

44 7.0 5.8 8.6





#5

2-Fluorophenol

Concen: 73.87 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Instrument :

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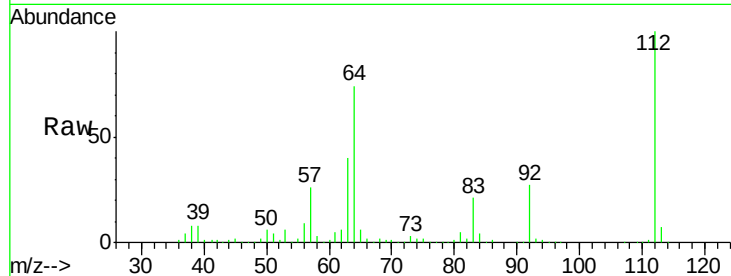
Tgt Ion: 112 Resp: 785779

Ion Ratio Lower Upper

112 100

64 73.6 61.5 92.3

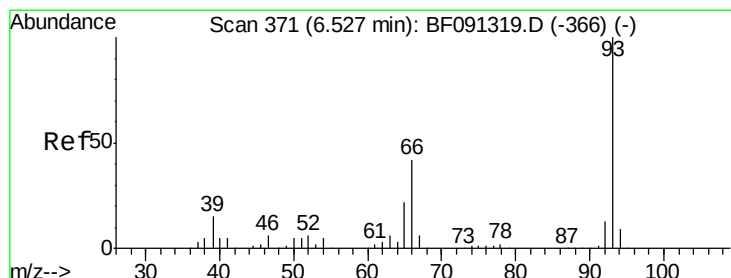
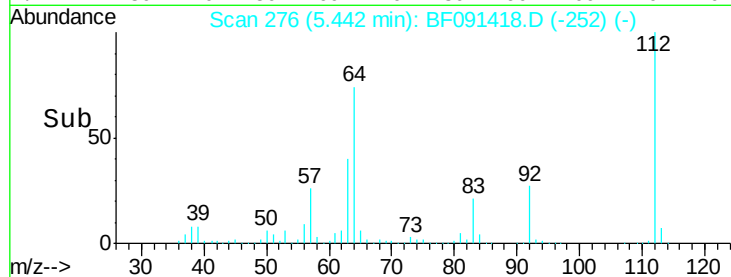
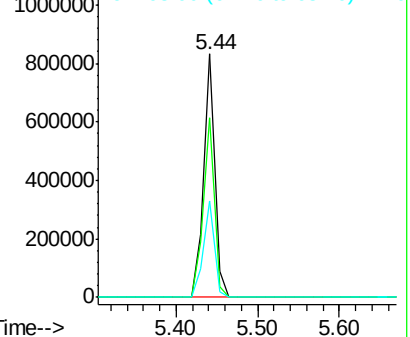
63 39.7 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.97 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

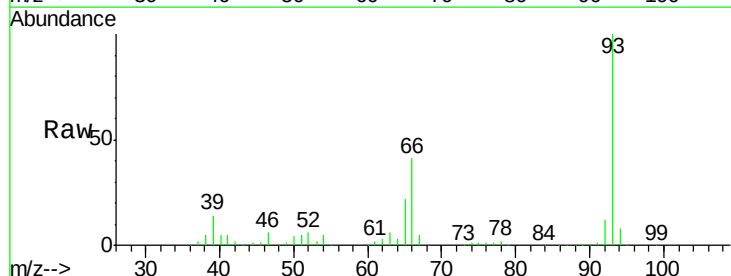
Tgt Ion: 93 Resp: 712630

Ion Ratio Lower Upper

93 100

66 41.1 55.8 83.6#

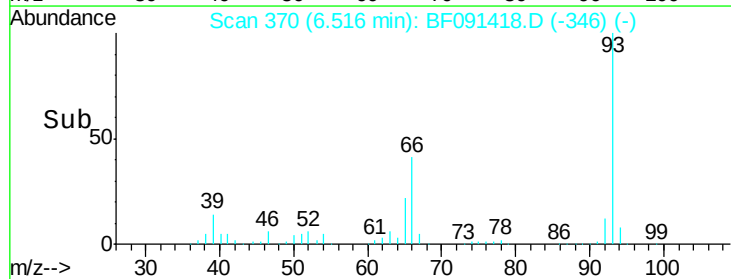
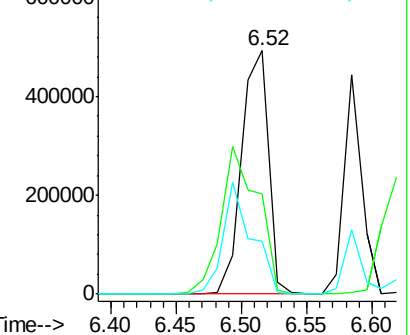
65 21.7 29.9 44.9#

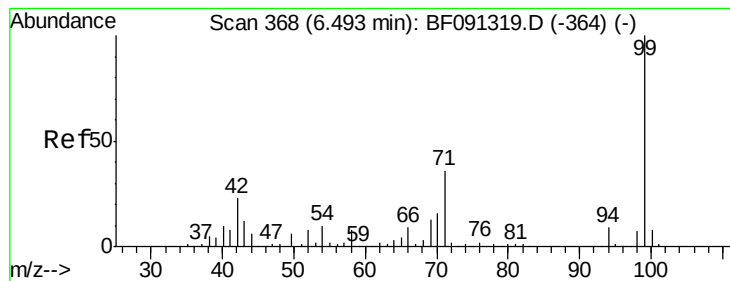


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.72 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

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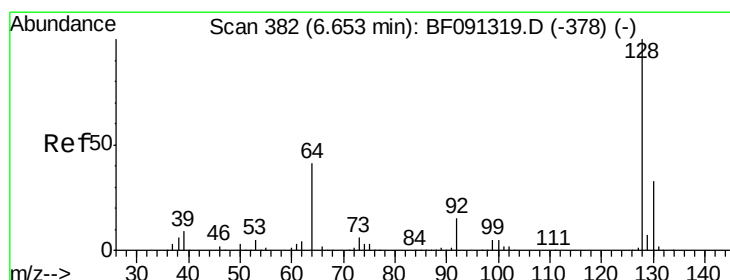
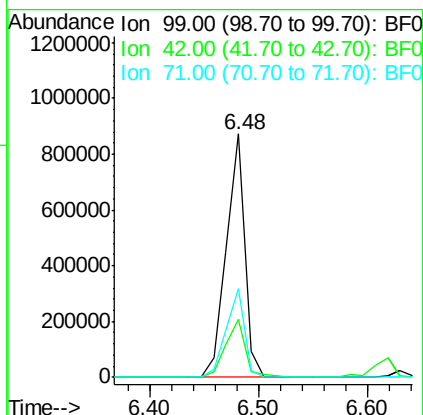
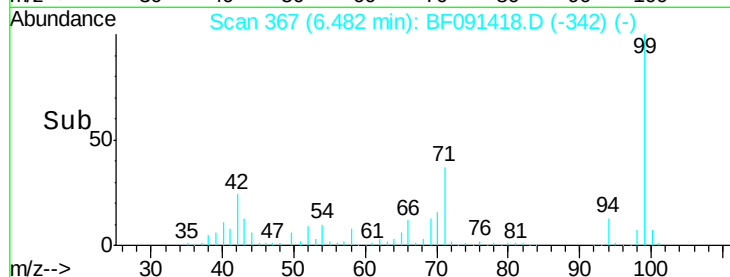
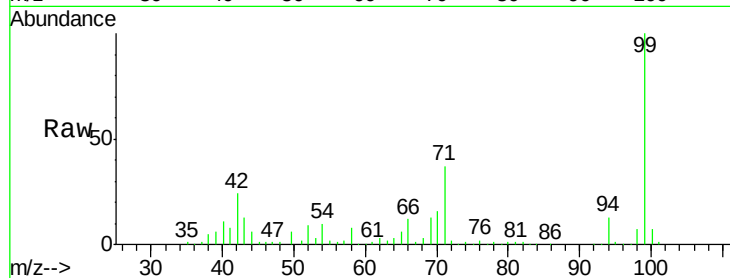
Tgt Ion: 99 Resp: 1017758

Ion Ratio Lower Upper

99 100

42 23.6 20.6 31.0

71 36.6 29.9 44.9



#8

2-Chlorophenol

Concen: 38.19 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

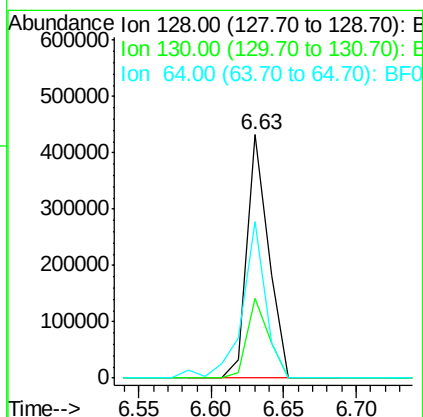
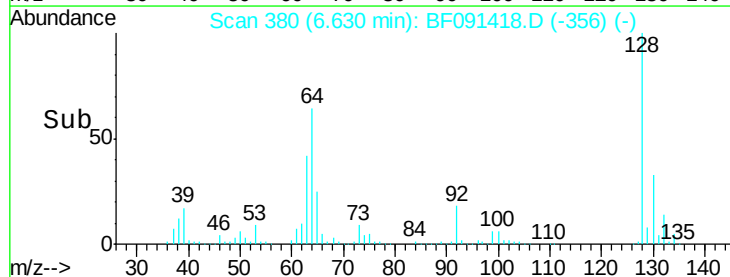
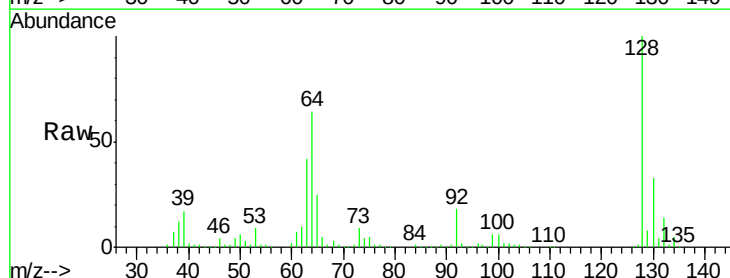
Tgt Ion: 128 Resp: 445450

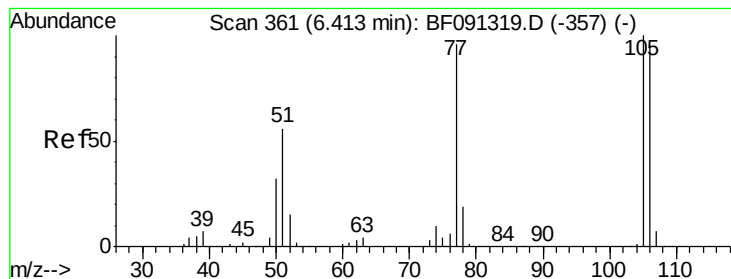
Ion Ratio Lower Upper

128 100

130 32.5 13.1 53.1

64 64.3 24.1 64.1#





#9

Benzaldehyde

Concen: 35.16 ng

RT: 6.39 min Scan# 359

Delta R.T. -0.03 min

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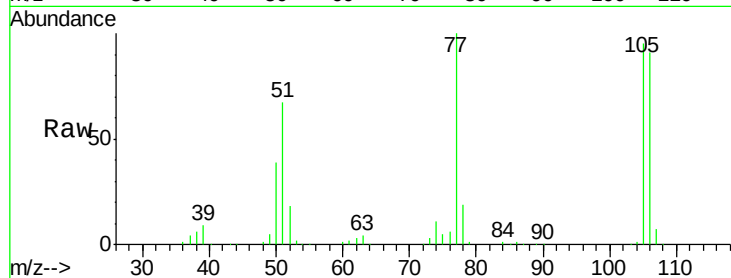
Tgt Ion: 77 Resp: 296046

Ion Ratio Lower Upper

77 100

105 94.8 66.4 106.4

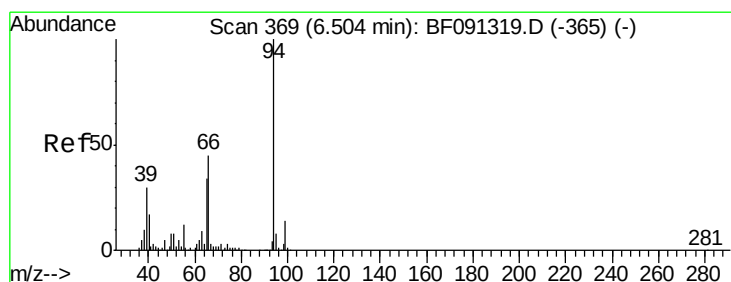
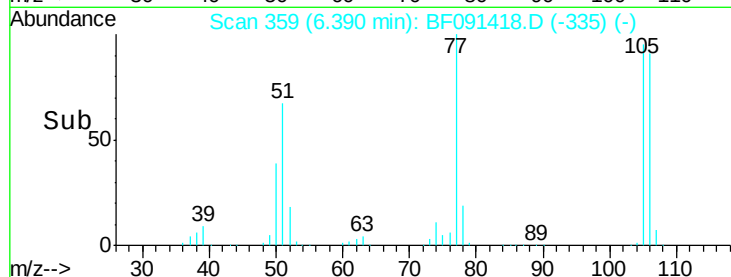
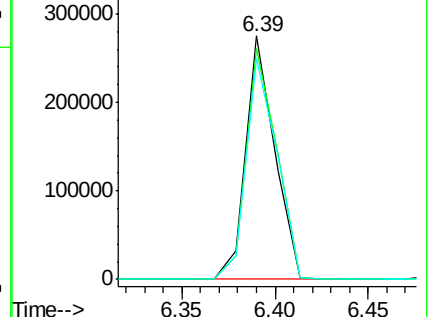
106 90.6 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.79 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

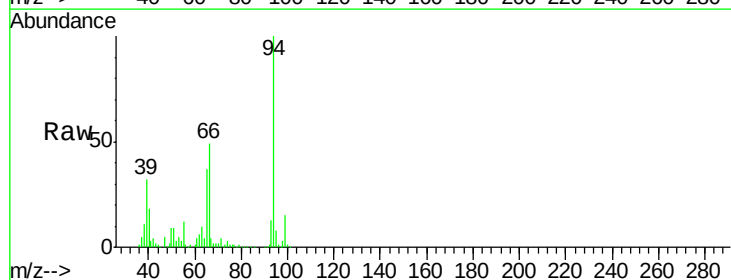
Tgt Ion: 94 Resp: 582236

Ion Ratio Lower Upper

94 100

65 37.1 16.9 56.9

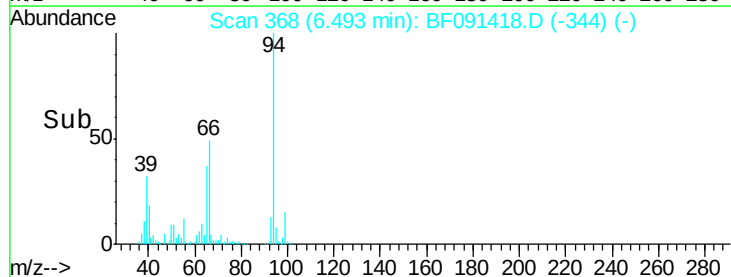
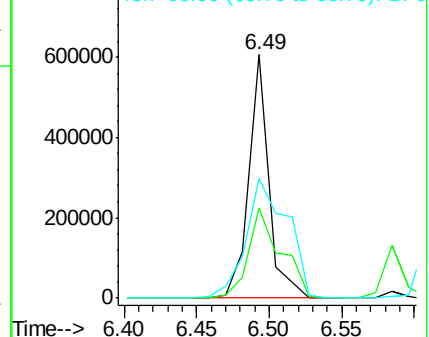
66 49.2 30.6 70.6

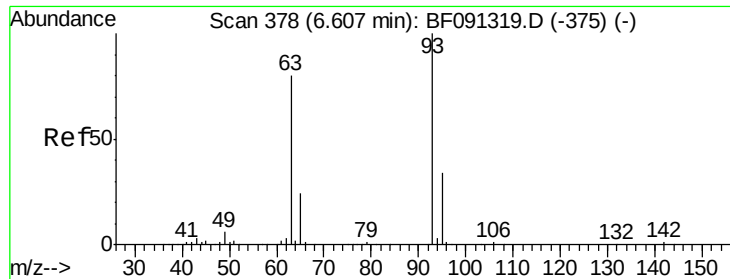


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

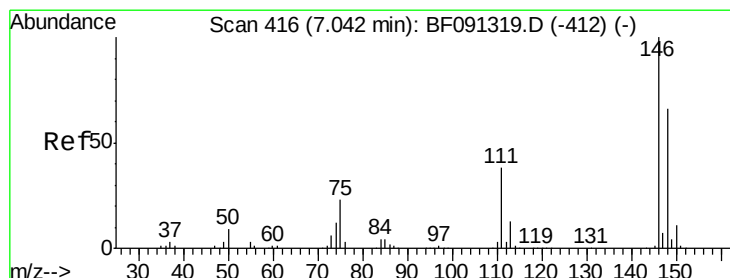
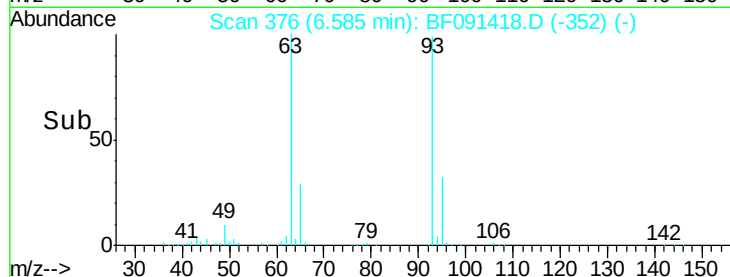
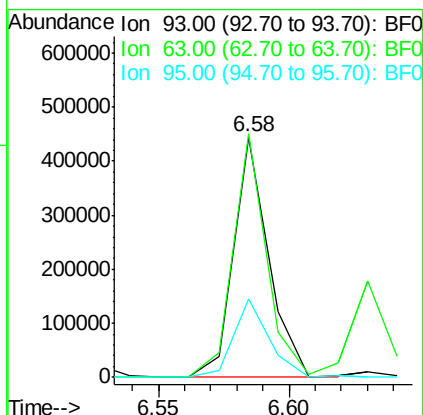
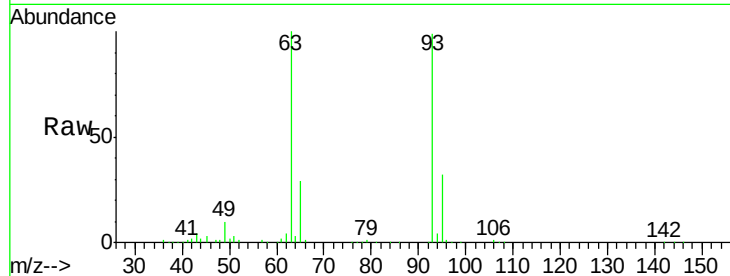




#11
bis(2-Chloroethyl)ether
Concen: 37.54 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.03 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

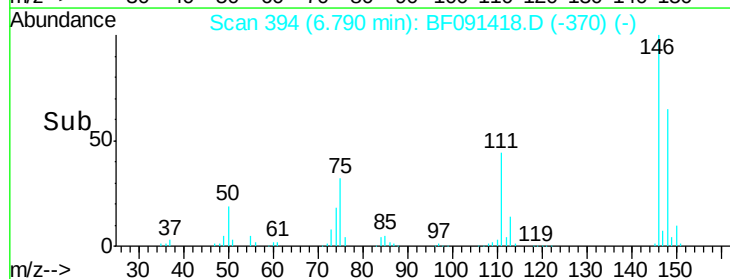
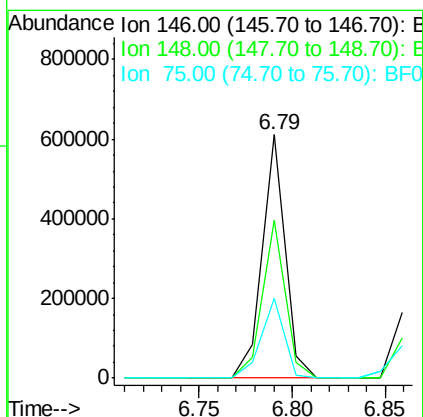
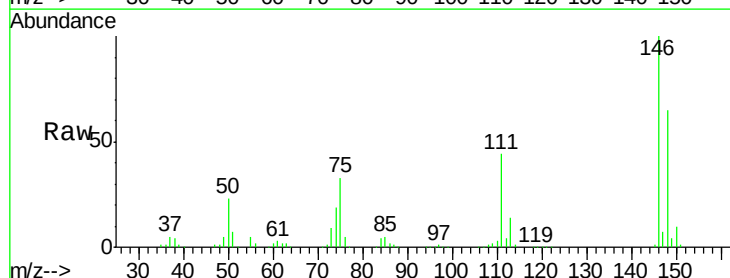
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

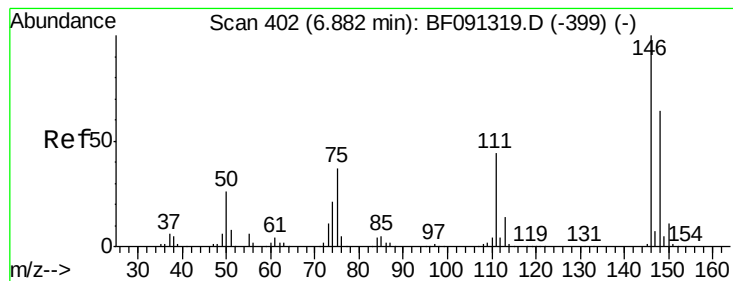
Tgt Ion: 93 Resp: 413323
Ion Ratio Lower Upper
93 100
63 101.3 74.8 114.8
95 32.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 39.67 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.03 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

Tgt Ion: 146 Resp: 514715
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.0
75 33.0 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 42.48 ng

RT: 6.87 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

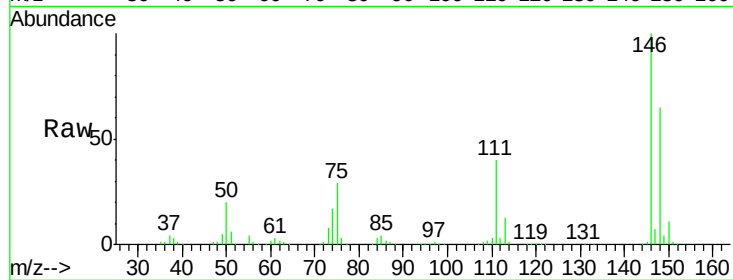
Tgt Ion:146 Resp: 548216

Ion Ratio Lower Upper

146 100

148 65.3 51.4 77.0

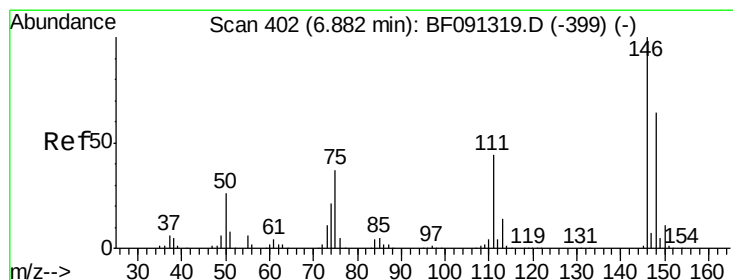
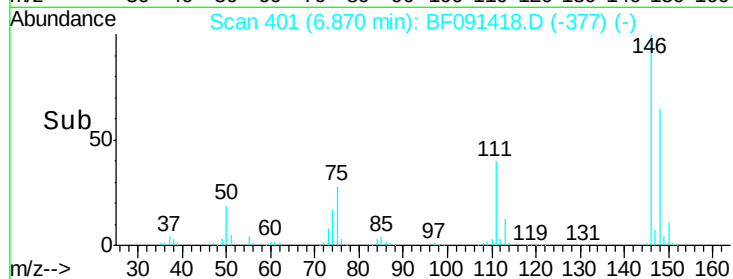
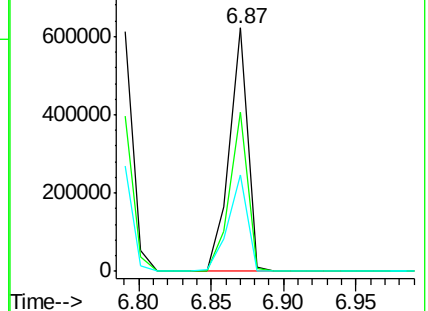
111 39.8 32.2 48.2



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: 37.36 ng

RT: 7.02 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

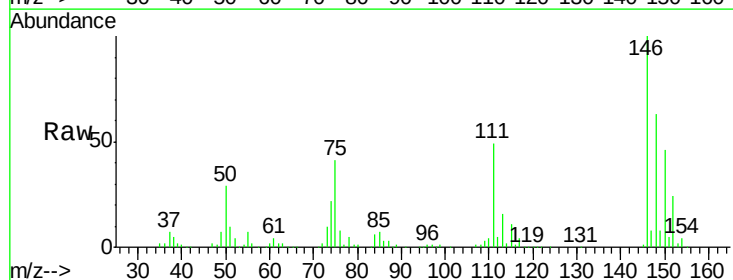
Tgt Ion:146 Resp: 449056

Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.6

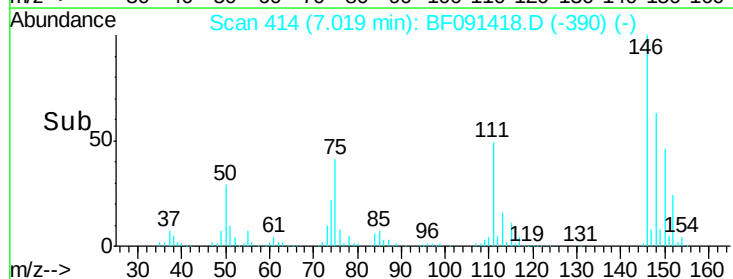
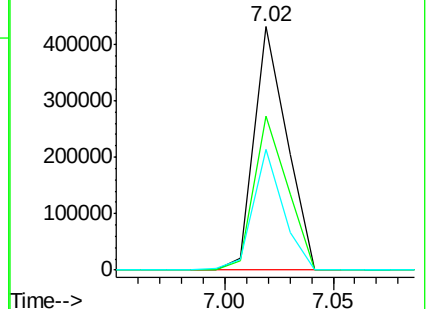
111 49.5 38.9 58.3

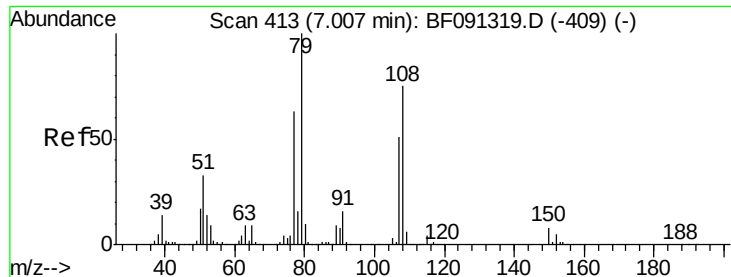


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.67 ng

RT: 7.00 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

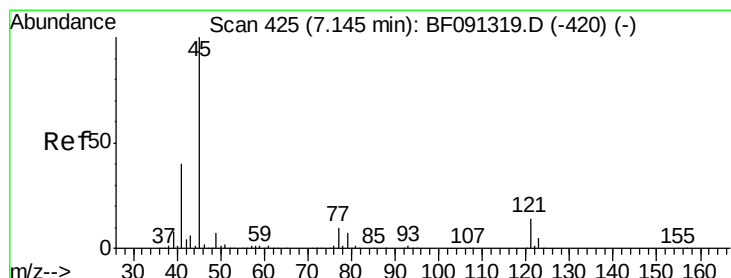
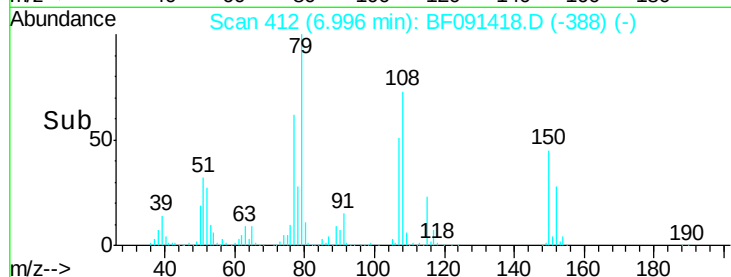
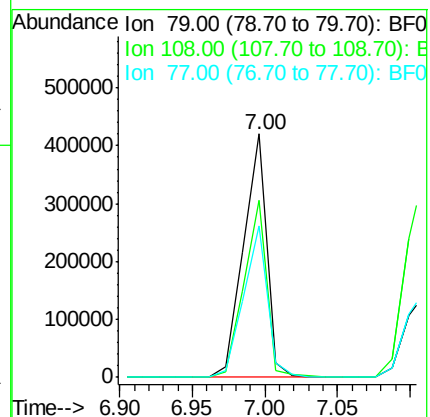
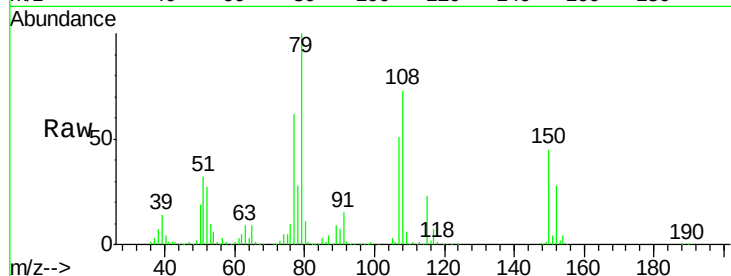
Tgt Ion: 79 Resp: 468124

Ion Ratio Lower Upper

79 100

108 72.8 62.7 94.1

77 62.1 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.74 ng

RT: 7.13 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

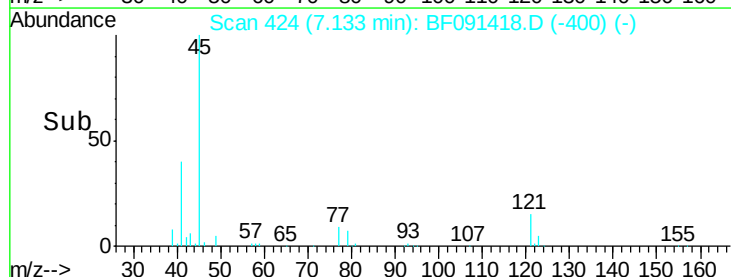
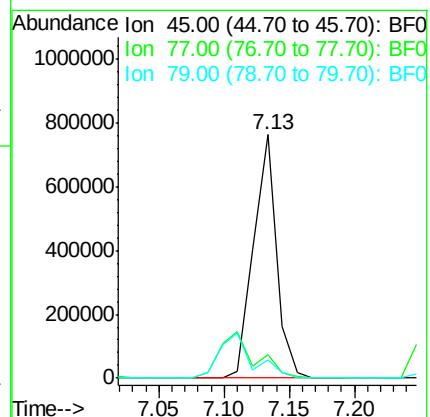
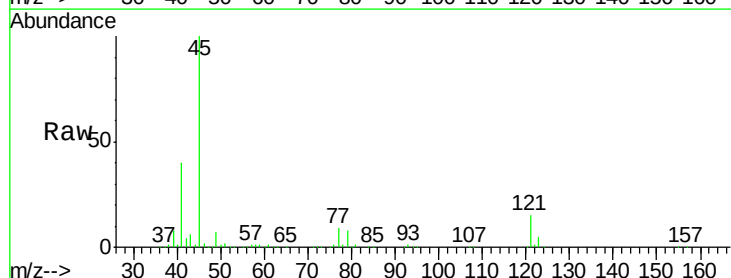
Tgt Ion: 45 Resp: 940721

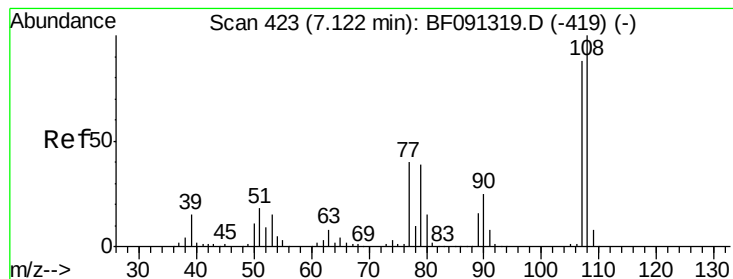
Ion Ratio Lower Upper

45 100

77 9.5 3.8 43.8

79 7.6 0.2 40.2





#17

2-Methylphenol

Concen: 41.76 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 385011

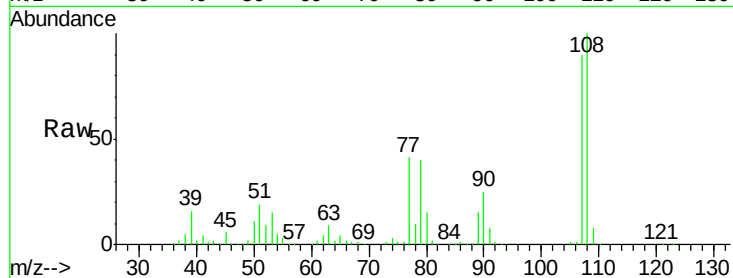
Ion Ratio Lower Upper

107 100

108 111.3 67.7 101.5#

77 46.0 40.7 61.1

79 44.8 23.4 35.2#

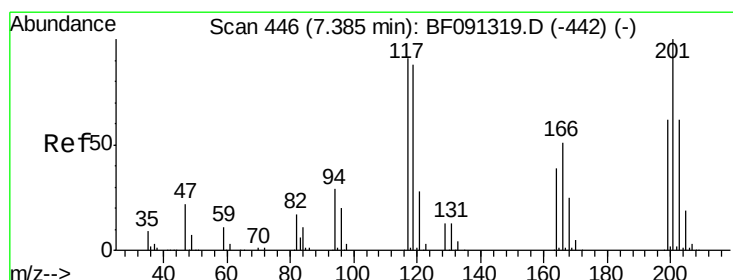
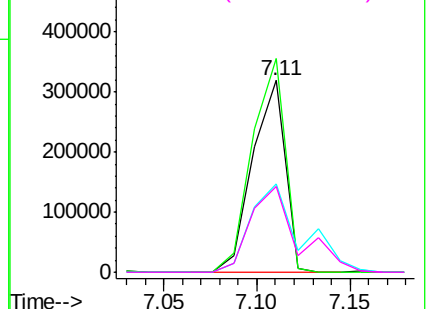
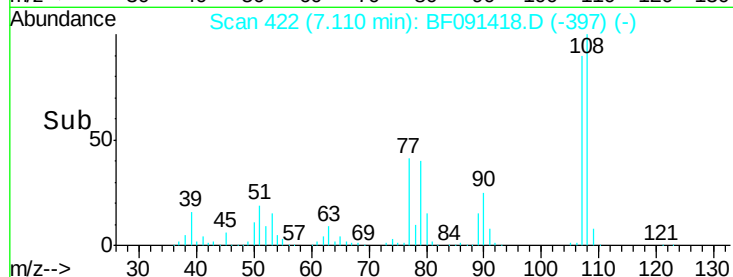


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.29 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.04 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

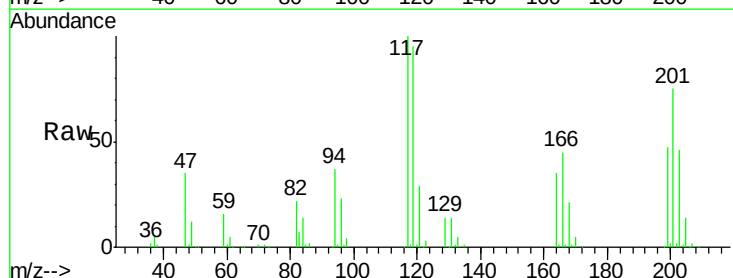
Tgt Ion:117 Resp: 180050

Ion Ratio Lower Upper

117 100

119 94.5 78.6 118.0

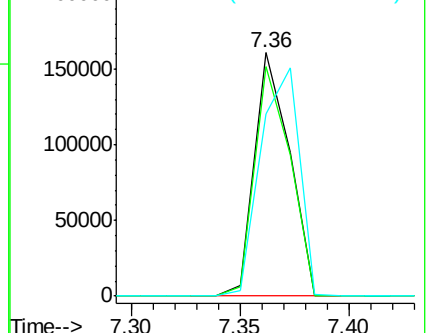
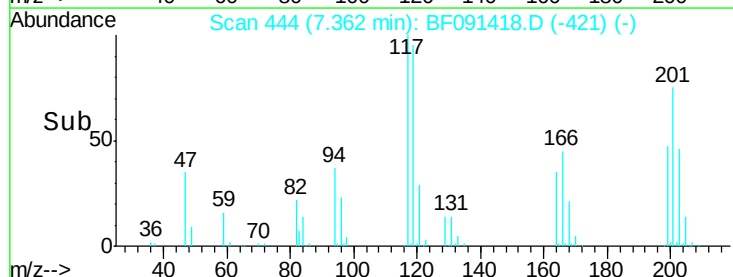
201 74.9 86.7 130.1#

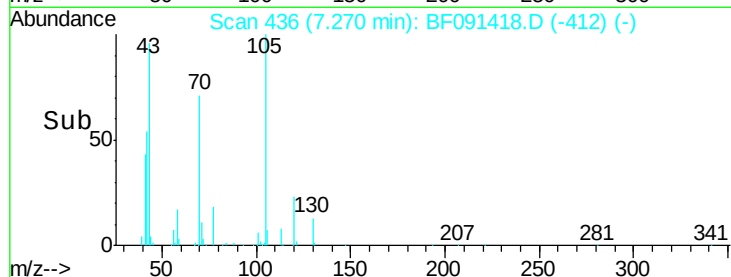
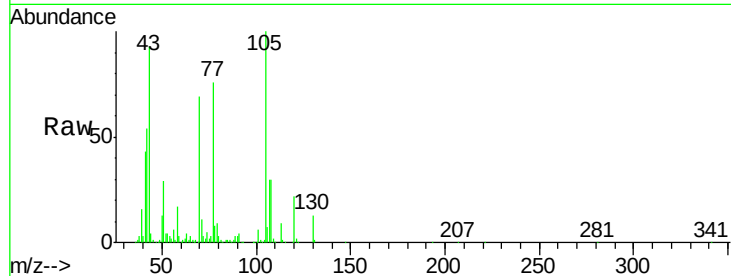
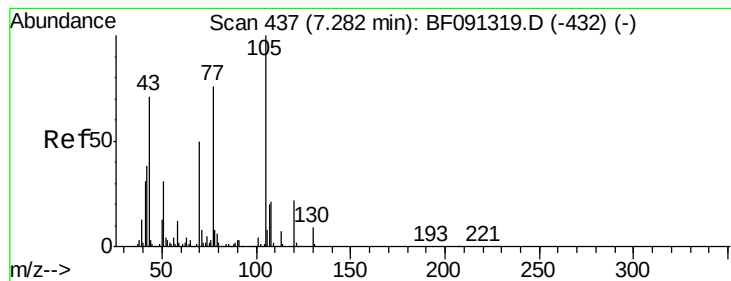


Abundance Ion 117.00 (116.70 to 117.70): E

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: 38.78 ng

RT: 7.27 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 319946

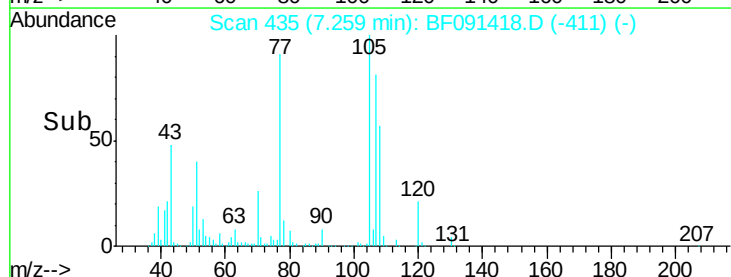
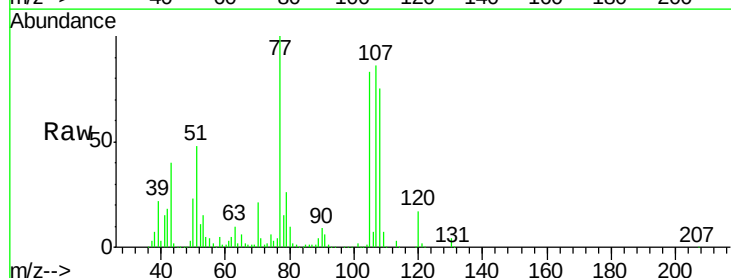
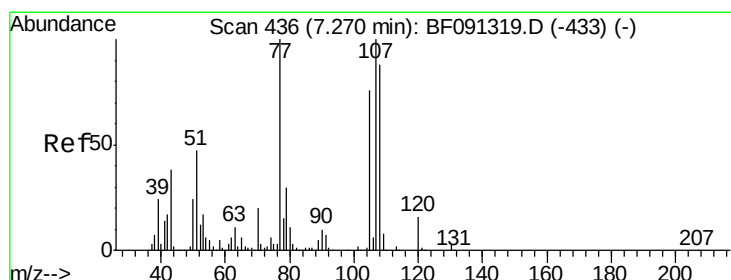
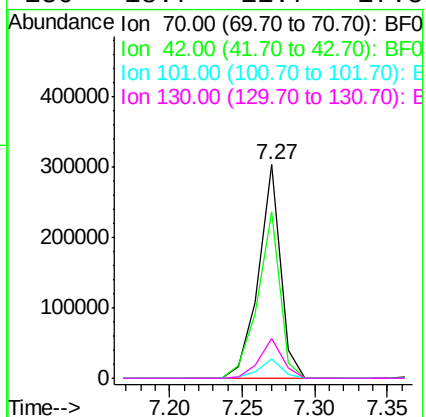
Ion Ratio Lower Upper

70 100

42 78.0 64.8 97.2

101 8.9 6.2 9.4

130 18.7 11.7 17.5#



#20

3+4-Methylphenols

Concen: 37.31 ng

RT: 7.26 min Scan# 435

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Tgt Ion: 107 Resp: 419876

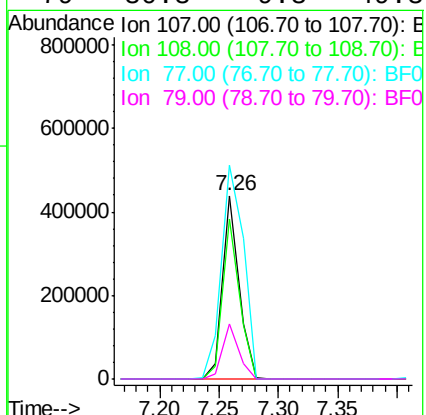
Ion Ratio Lower Upper

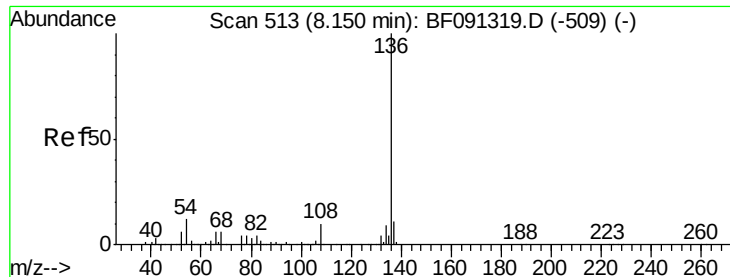
107 100

108 87.6 64.6 104.6

77 116.5 30.9 70.9#

79 30.3 9.3 49.3

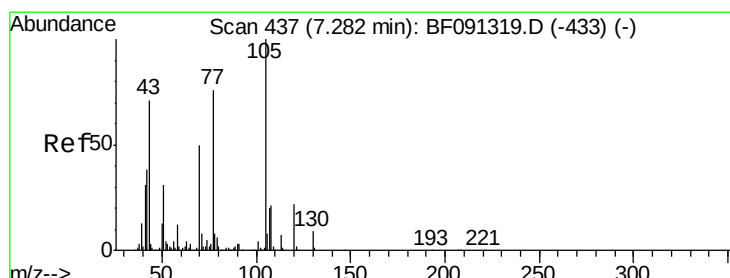
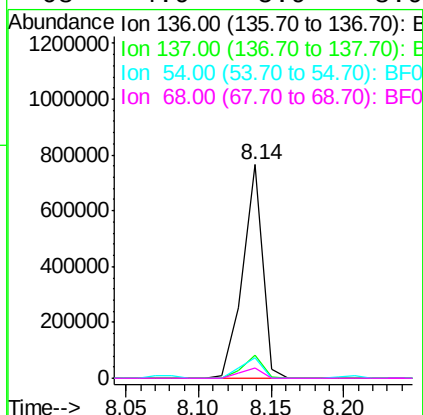
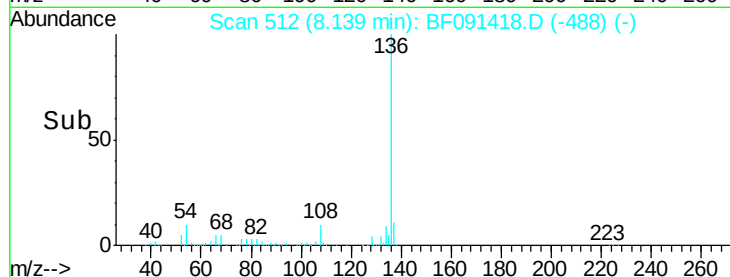
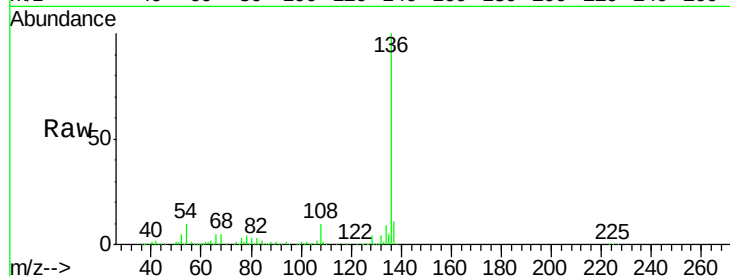




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

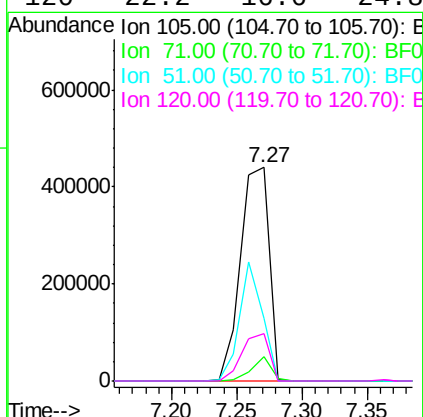
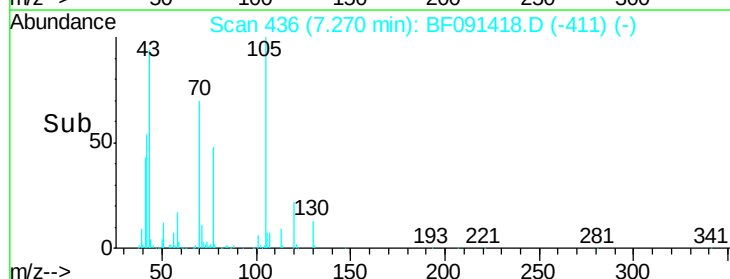
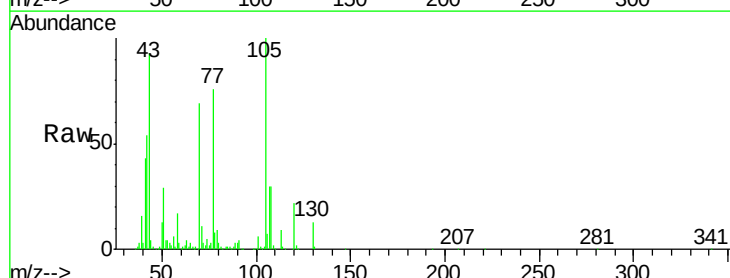
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

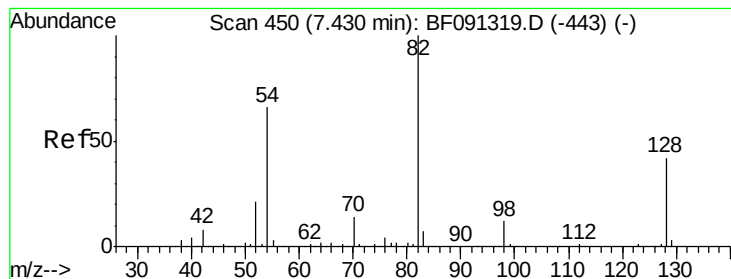
Tgt Ion:	136	Resp:	727802
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	9.8	9.1	13.7
68	4.9	5.9	8.9#



#22
Acetophenone
Concen: 38.70 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

Tgt Ion:	105	Resp:	667650
Ion Ratio	Lower	Upper	
105	100		
71	11.2	7.9	11.9
51	29.3	24.5	36.7
120	22.2	16.6	24.8





#23

Nitrobenzene-d5

Concen: 78.77 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

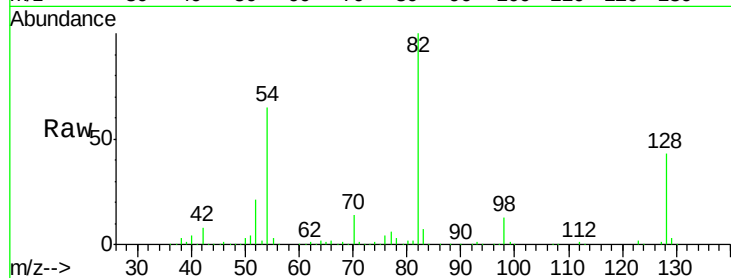
Tgt Ion: 82 Resp: 1022999

Ion Ratio Lower Upper

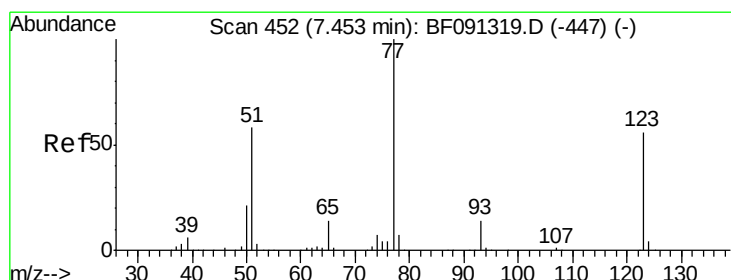
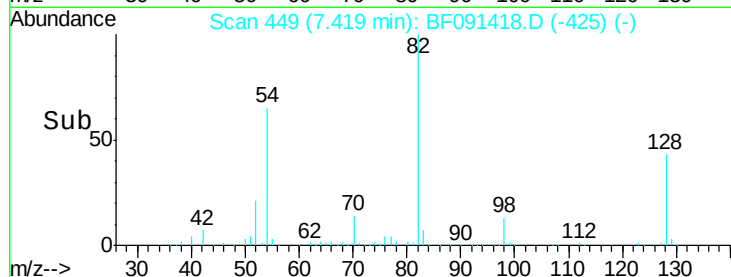
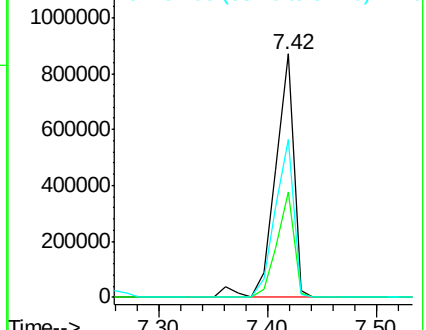
82 100

128 43.2 31.8 47.6

54 64.9 49.1 73.7



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



#24

Nitrobenzene

Concen: 35.60 ng

RT: 7.43 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

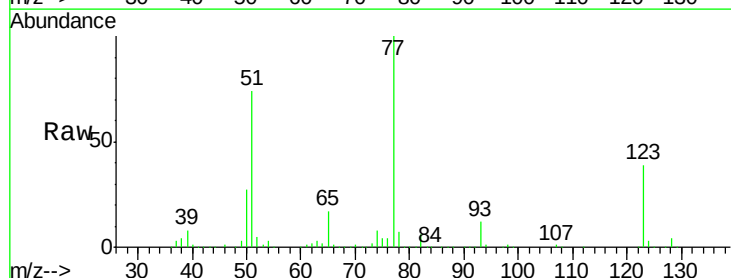
Tgt Ion: 77 Resp: 473303

Ion Ratio Lower Upper

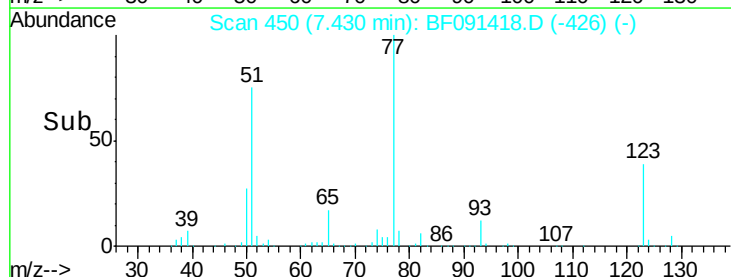
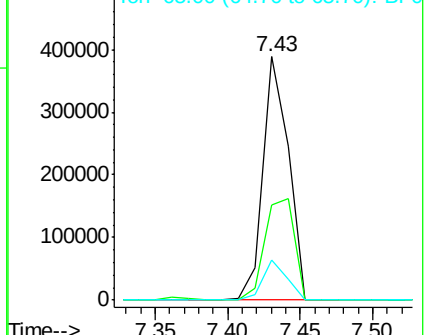
77 100

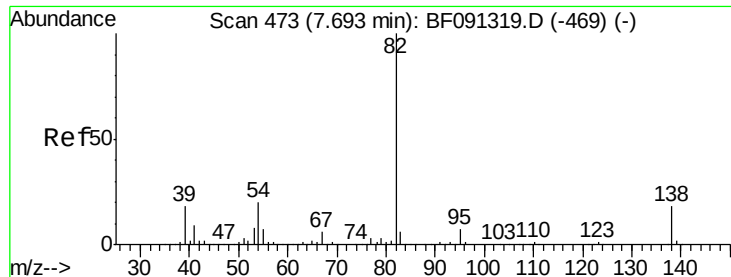
123 39.2 28.5 42.7

65 16.5 12.5 18.7



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





#25

Isophorone

Concen: 39.16 ng

RT: 7.68 min Scan# 472

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

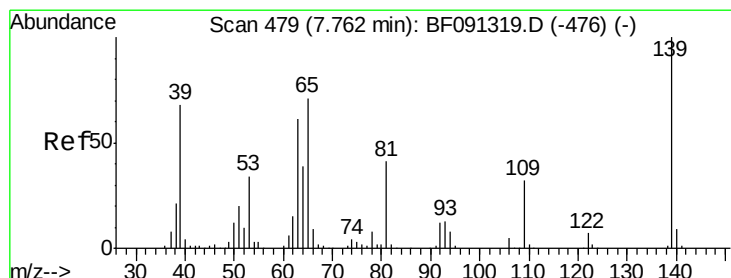
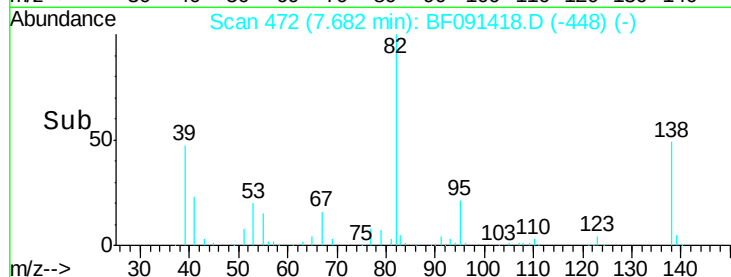
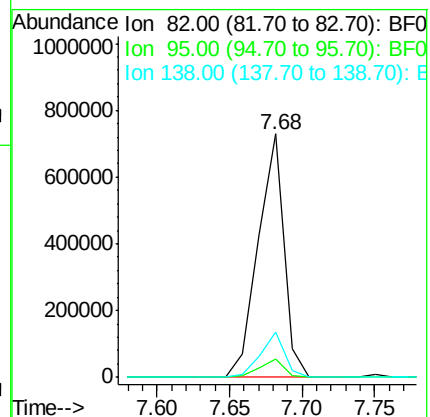
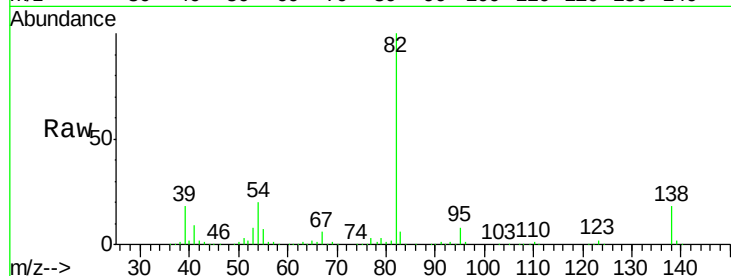
Tgt Ion: 82 Resp: 900897

Ion Ratio Lower Upper

82 100

95 7.7 5.7 8.5

138 18.4 13.4 20.0



#26

2-Nitrophenol

Concen: 39.78 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

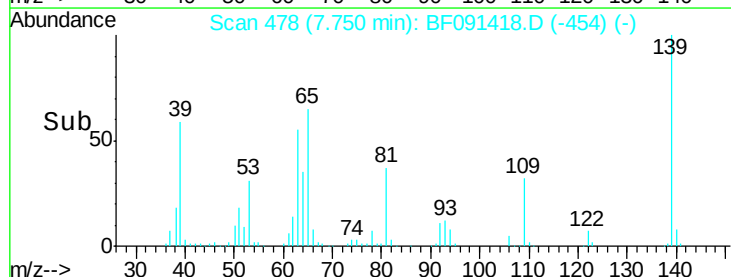
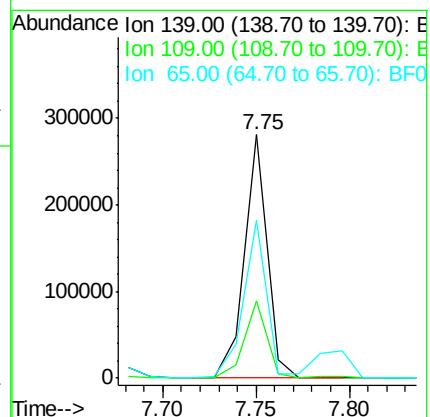
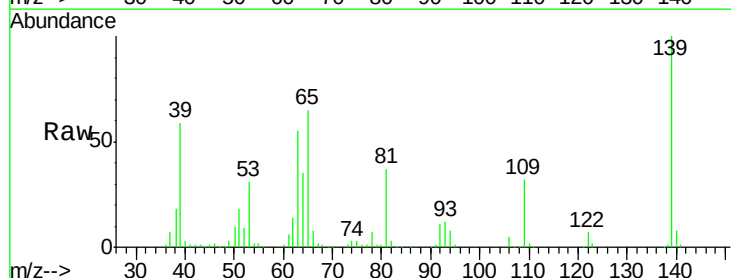
Tgt Ion: 139 Resp: 241066

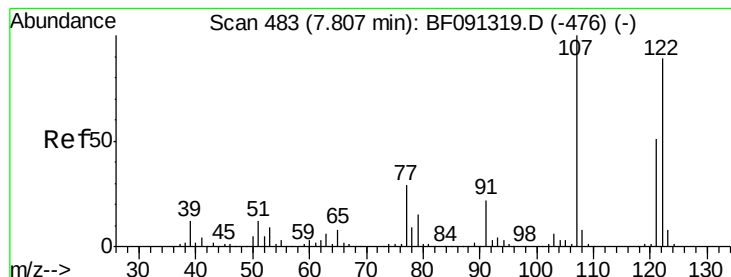
Ion Ratio Lower Upper

139 100

109 31.6 25.3 37.9

65 64.8 55.4 83.2





#27

2,4-Dimethylphenol

Concen: 38.81 ng

RT: 7.80 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

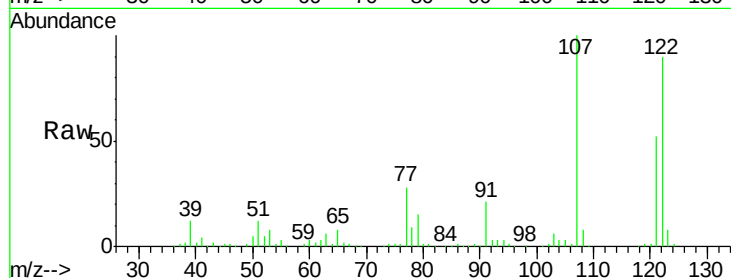
Tgt Ion:122 Resp: 439947

Ion Ratio Lower Upper

122 100

107 110.7 96.8 145.2

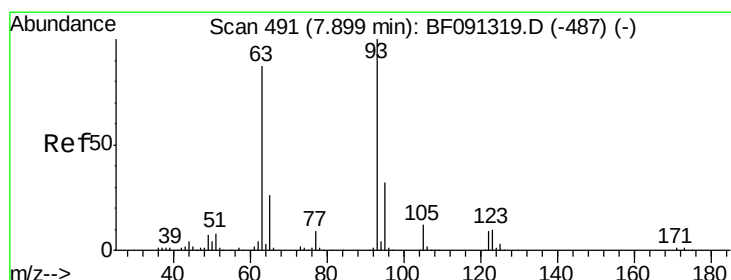
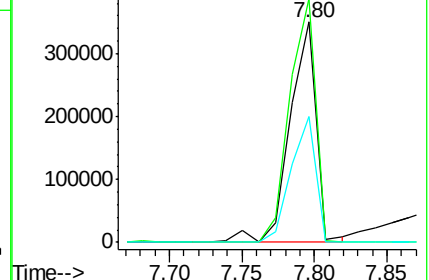
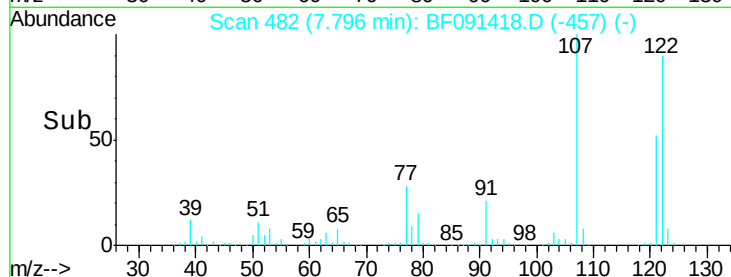
121 57.1 47.7 71.5



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: 37.38 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

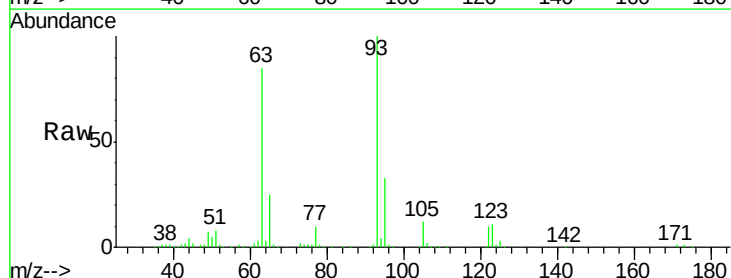
Tgt Ion: 93 Resp: 517713

Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

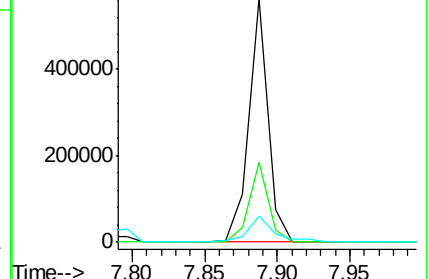
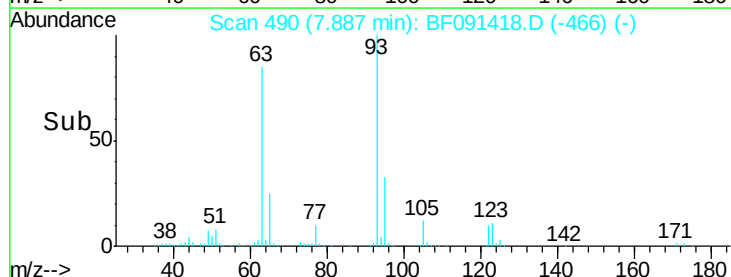
123 10.9 8.6 12.8

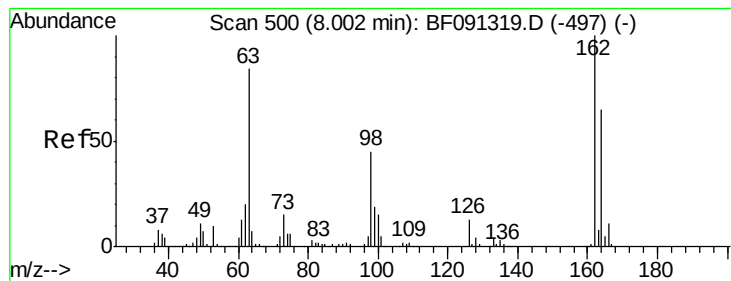


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 36.54 ng

RT: 7.99 min Scan# 499

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

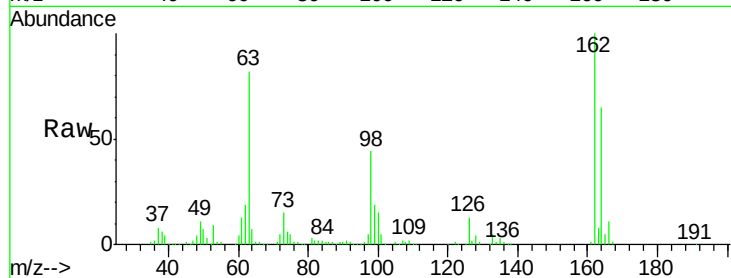
Tgt Ion:162 Resp: 364320

Ion Ratio Lower Upper

162 100

164 64.7 45.0 85.0

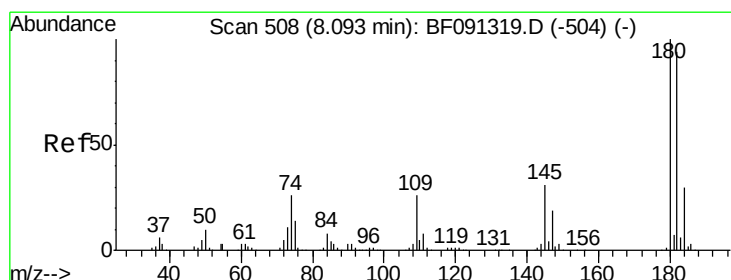
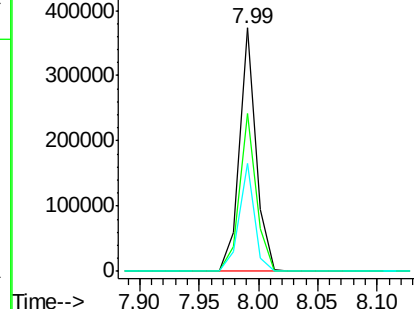
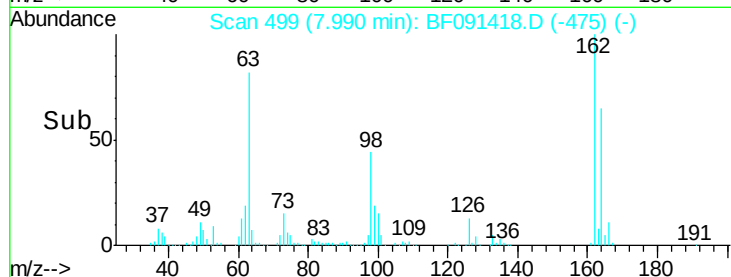
98 44.4 21.3 61.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.35 ng

RT: 8.08 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

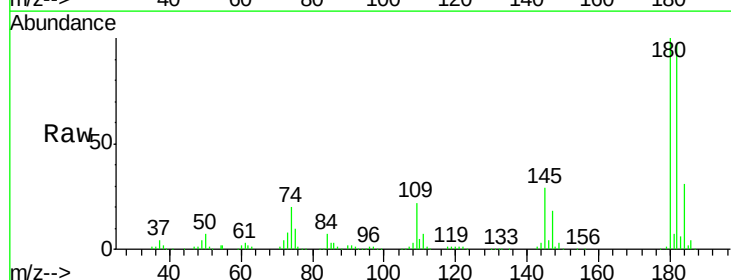
Tgt Ion:180 Resp: 451041

Ion Ratio Lower Upper

180 100

182 96.8 75.8 113.8

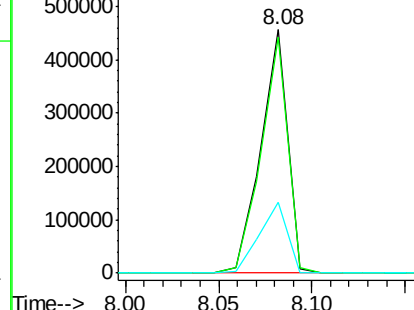
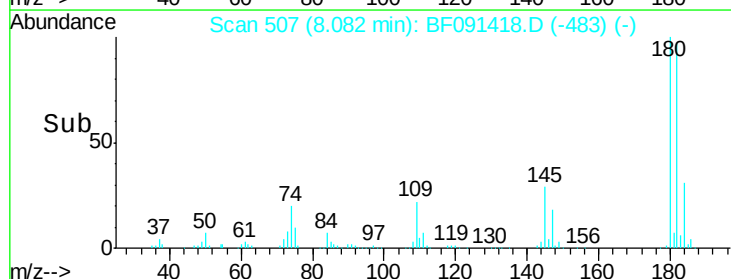
145 28.9 27.0 40.4

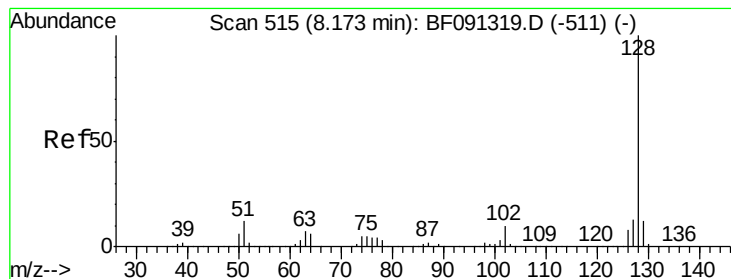


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.89 ng

RT: 8.16 min Scan# 514

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

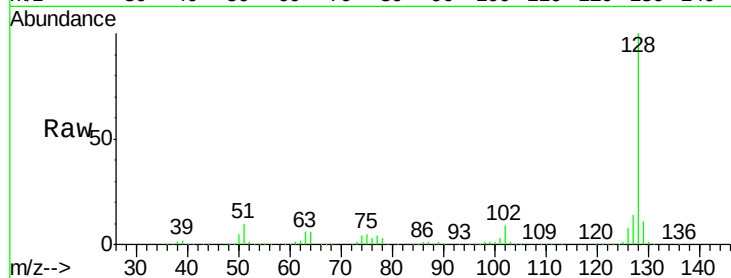
Tgt Ion:128 Resp: 1414246

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

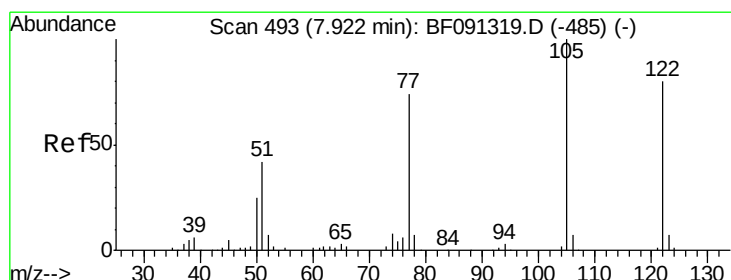
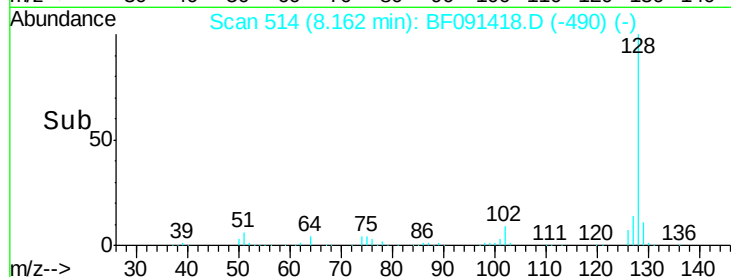
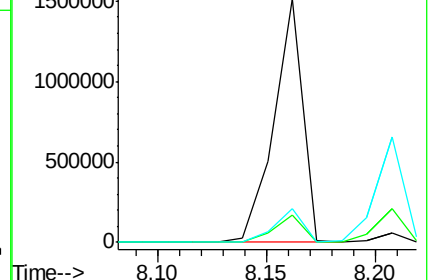
127 13.7 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.41 ng

RT: 7.92 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

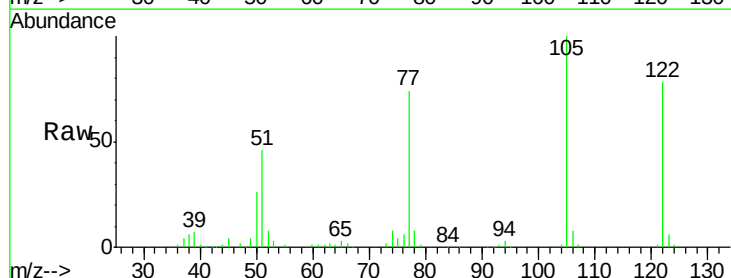
Tgt Ion:122 Resp: 345996

Ion Ratio Lower Upper

122 100

105 127.9 113.0 153.0

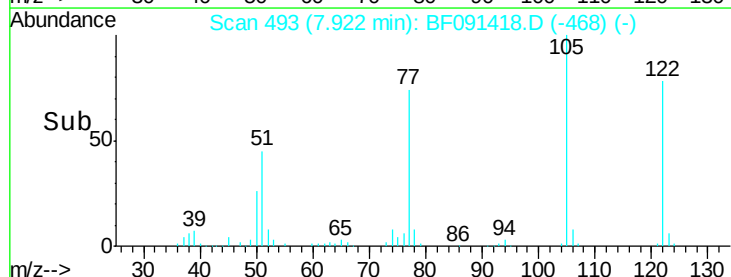
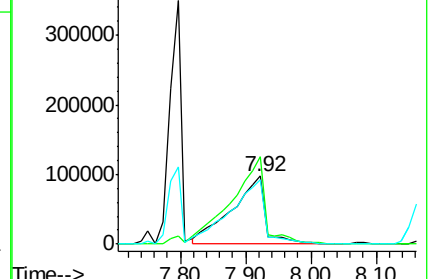
77 94.1 82.0 122.0

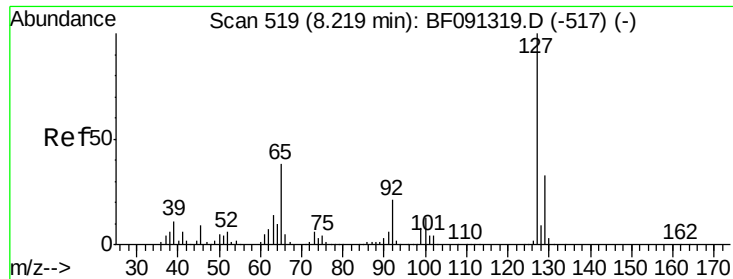


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

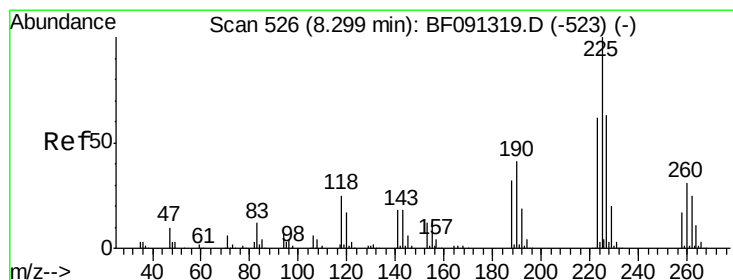
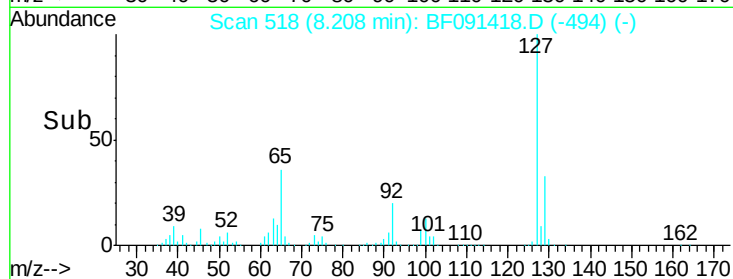
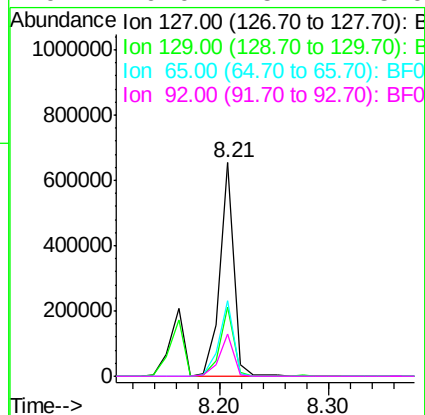
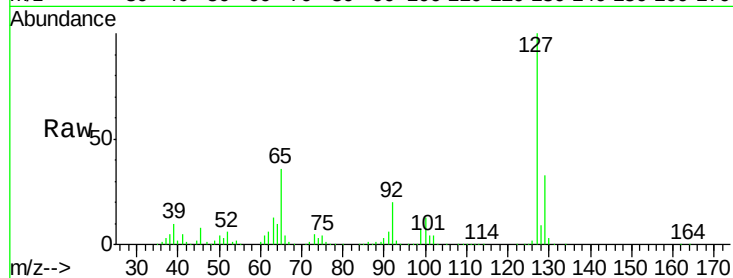




#33
4-Chloroaniline
Concen: 40.22 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

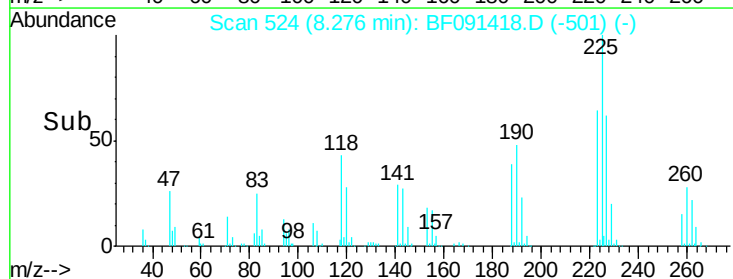
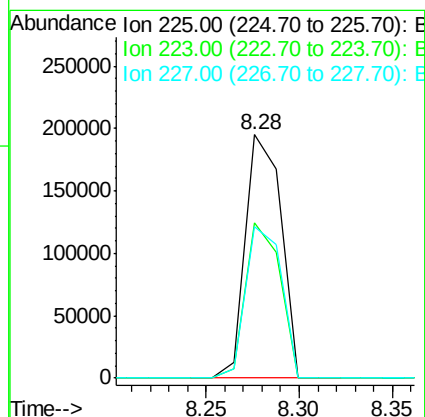
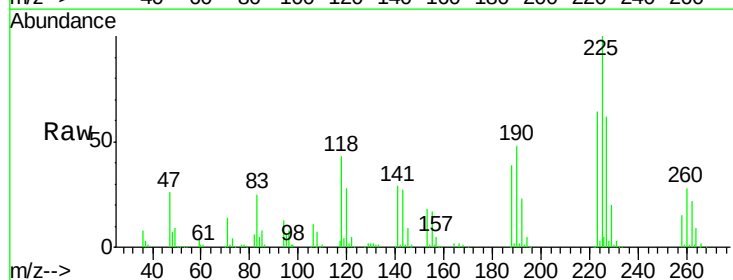
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

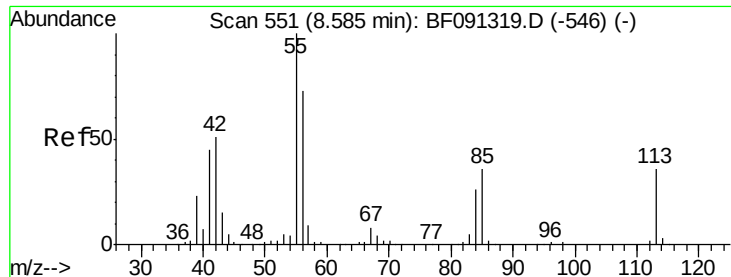
Tgt Ion:	127	Resp:	594761
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	35.6	26.6	39.8
92	20.0	15.4	23.0



#34
Hexachlorobutadiene
Concen: 37.42 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.04 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

Tgt Ion:	225	Resp:	257257
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.8	74.6
227	62.0	52.6	79.0

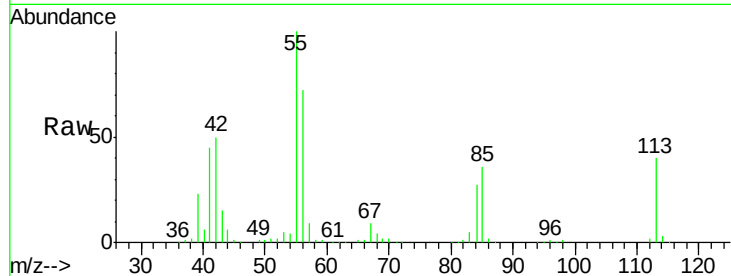




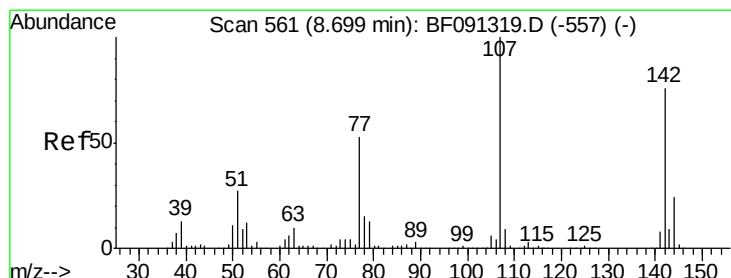
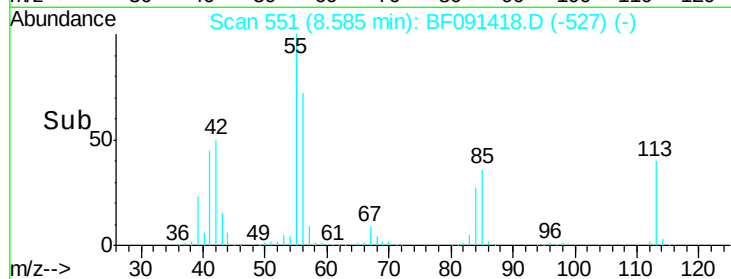
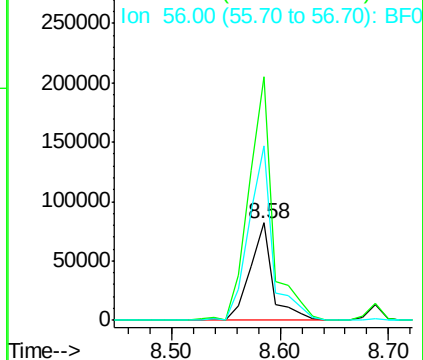
#35
 Caprolactam
 Concen: 41.63 ng
 RT: 8.58 min Scan# 551
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 119310
 Ion Ratio Lower Upper
 113 100
 55 249.9 239.8 279.8
 56 179.6 165.6 205.6

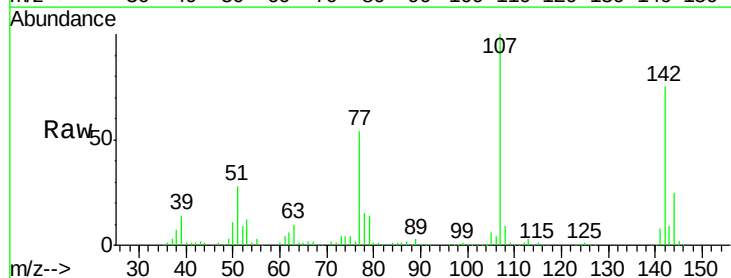


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

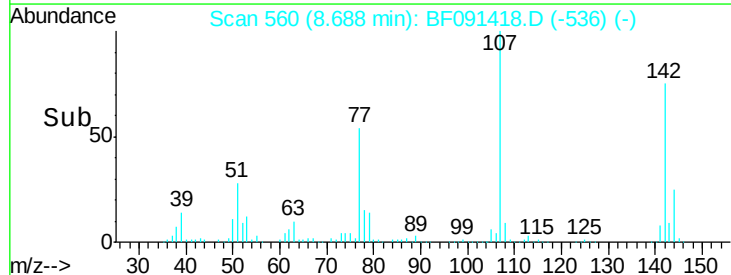
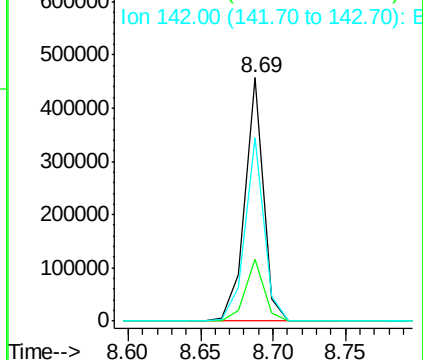


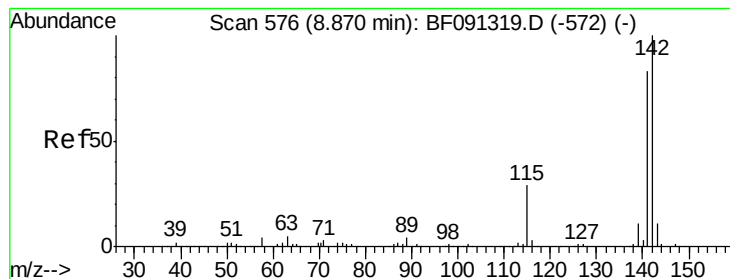
#36
 4-Chloro-3-methylphenol
 Concen: 37.93 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

Tgt Ion:107 Resp: 408298
 Ion Ratio Lower Upper
 107 100
 144 25.2 18.9 28.3
 142 75.5 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: 36.24 ng

RT: 8.85 min Scan# 574

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

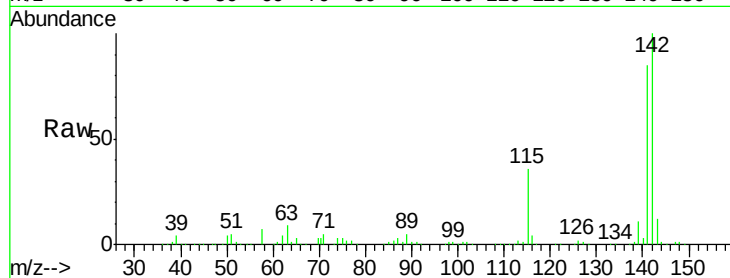
Tgt Ion:142 Resp: 851719

Ion Ratio Lower Upper

142 100

141 84.6 71.7 107.5

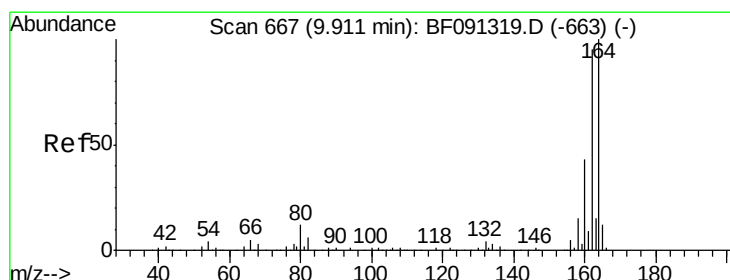
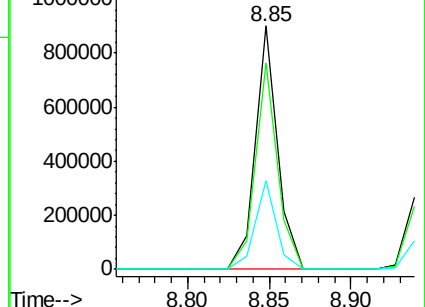
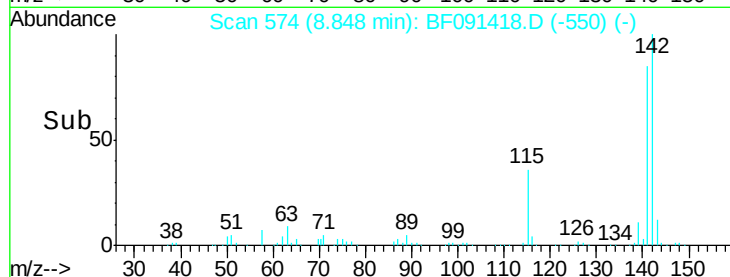
115 36.5 25.0 37.6



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: 9.89 min Scan# 665

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

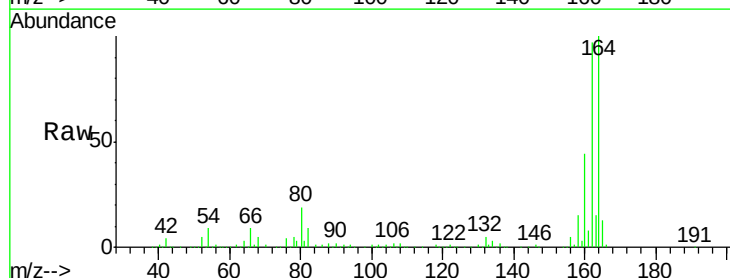
Tgt Ion:164 Resp: 391214

Ion Ratio Lower Upper

164 100

162 97.1 82.6 124.0

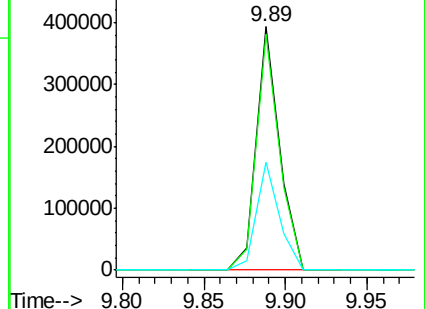
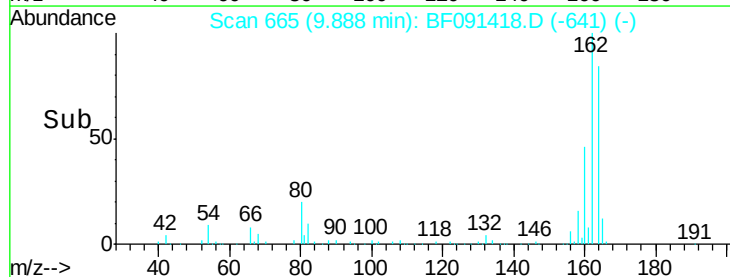
160 44.3 36.7 55.1

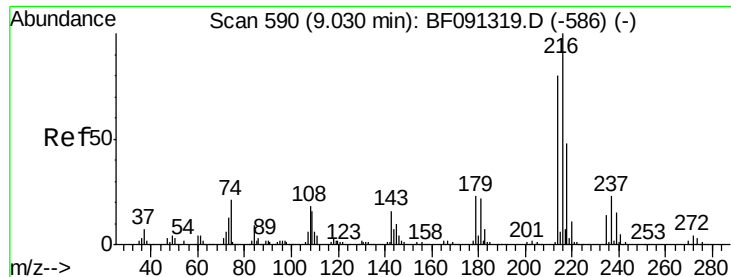


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

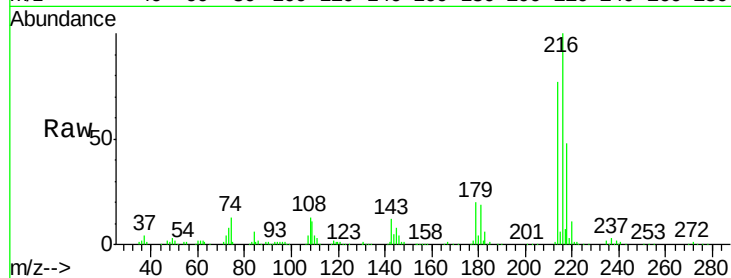




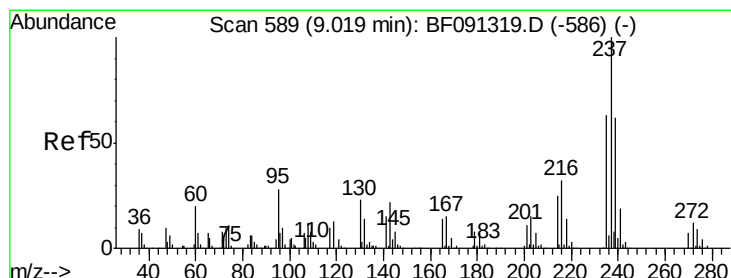
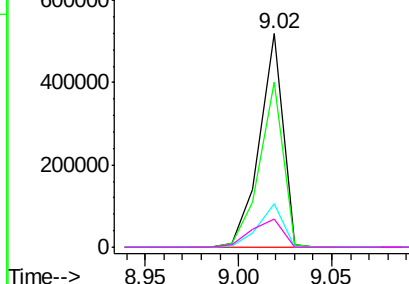
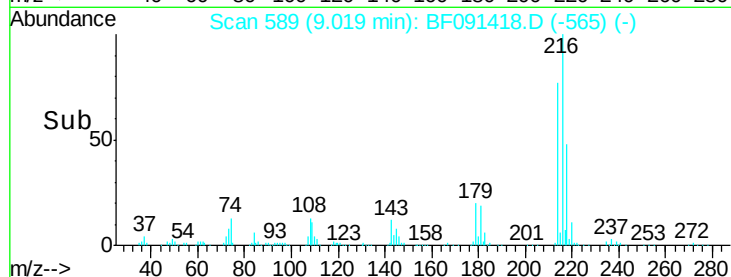
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.98 ng
 RT: 9.02 min Scan# 589
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	462989
Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.8	95.8
179	21.1	18.2	27.2
108	17.1	17.2	25.8#

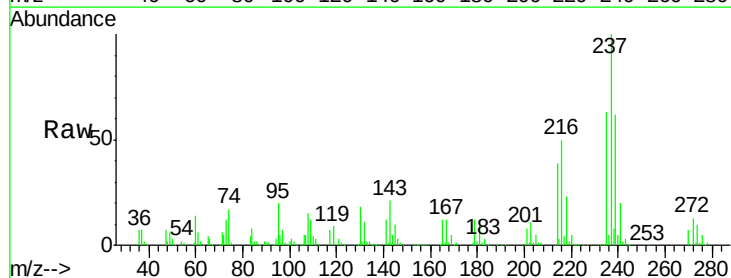


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

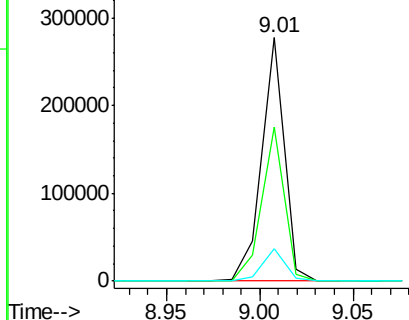
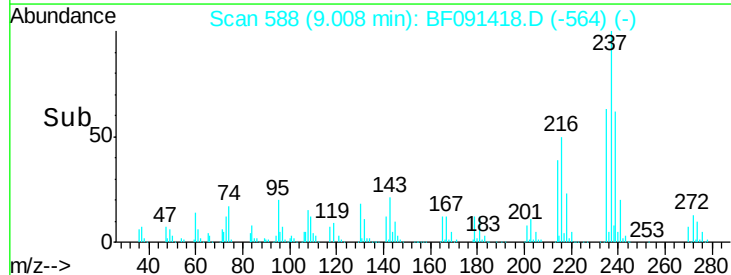


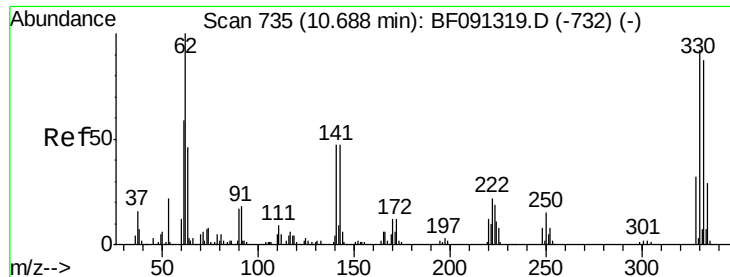
#40
 Hexachlorocyclopentadiene
 Concen: 45.45 ng
 RT: 9.01 min Scan# 588
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

Tgt Ion:	237	Resp:	232352
Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.9	83.9
272	13.1	0.0	33.1



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

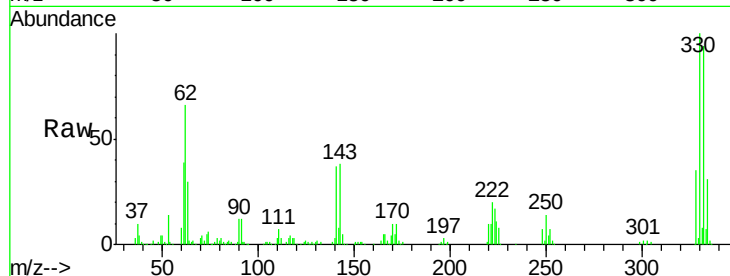




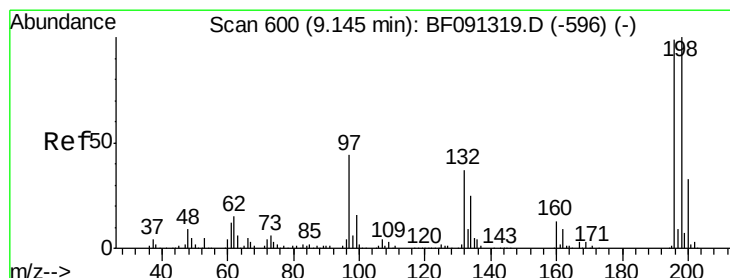
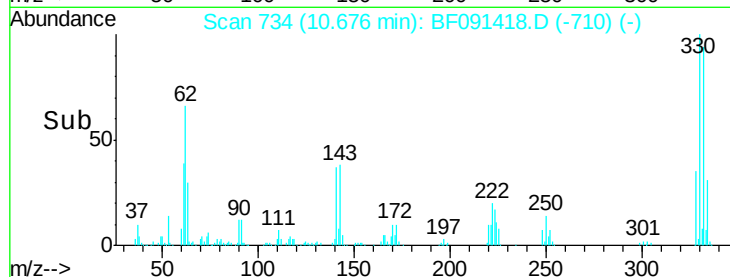
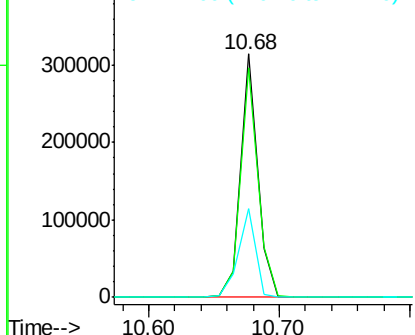
#41
 2,4,6-Tribromophenol
 Concen: 77.10 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 285543
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.2 114.4
 141 36.2 33.6 50.4

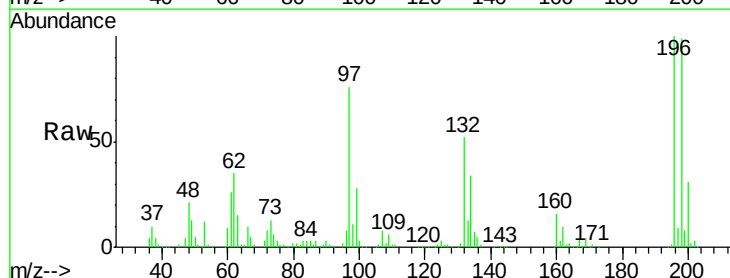


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

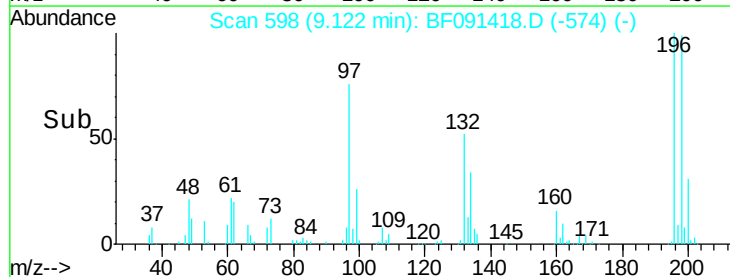
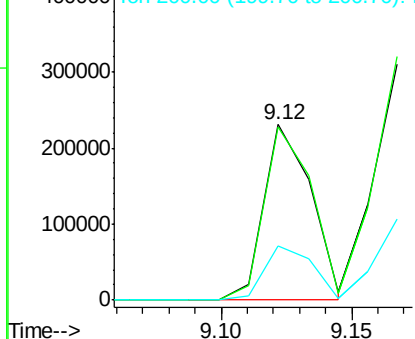


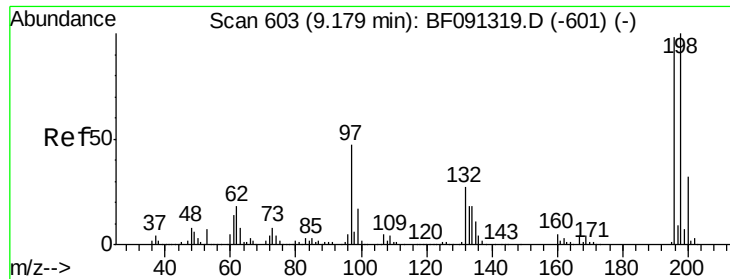
#42
 2,4,6-Trichlorophenol
 Concen: 40.40 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

Tgt Ion:196 Resp: 289567
 Ion Ratio Lower Upper
 196 100
 198 98.7 77.4 116.0
 200 30.9 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

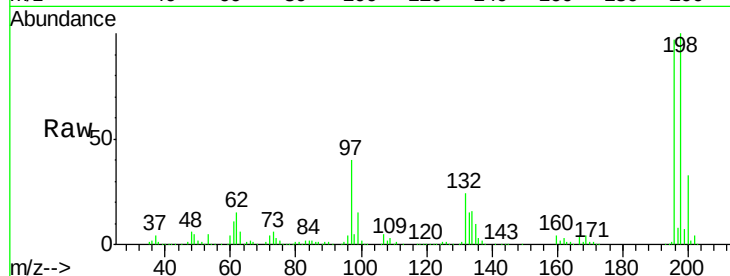




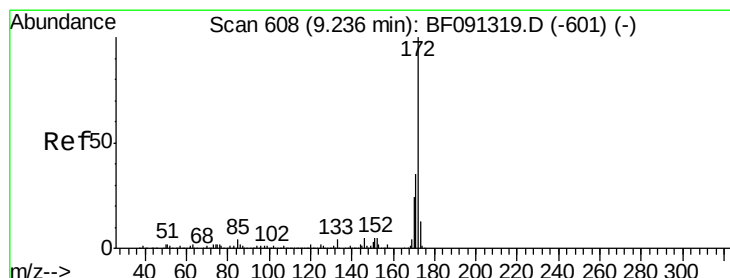
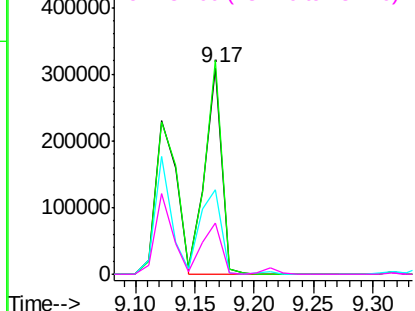
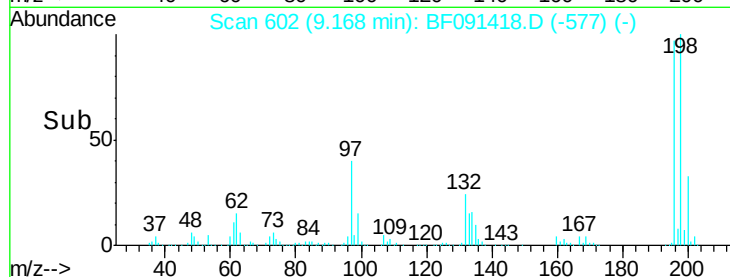
#43
 2,4,5-Trichlorophenol
 Concen: 42.41 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
196	100		
198	103.5	77.0	115.6
97	41.0	33.5	50.3
132	25.0	20.5	30.7

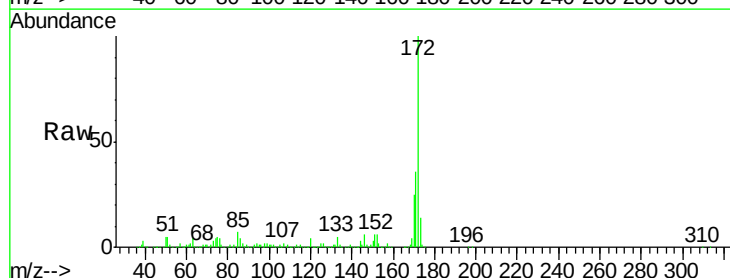


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

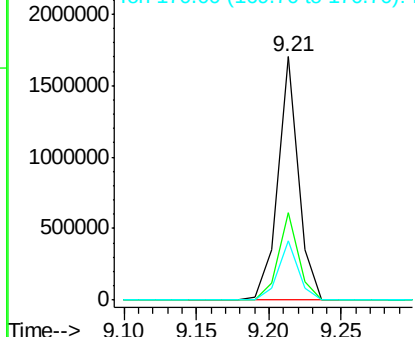
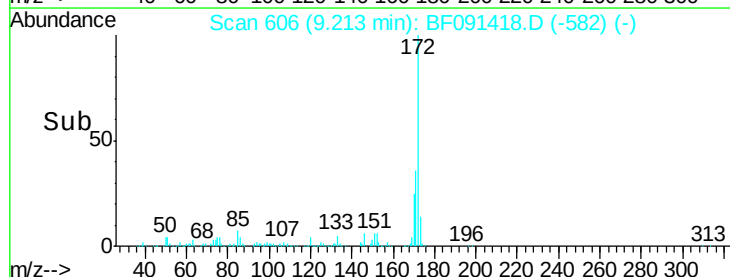


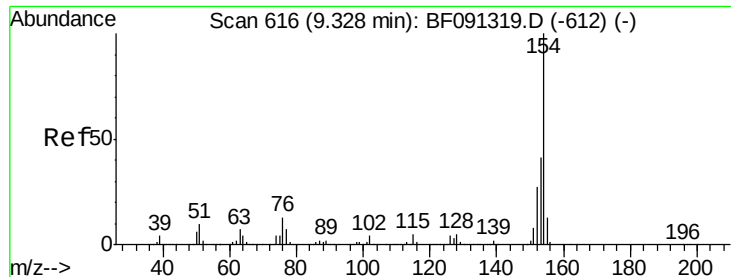
#44
 2-Fluorobiphenyl
 Concen: 77.08 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.6	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

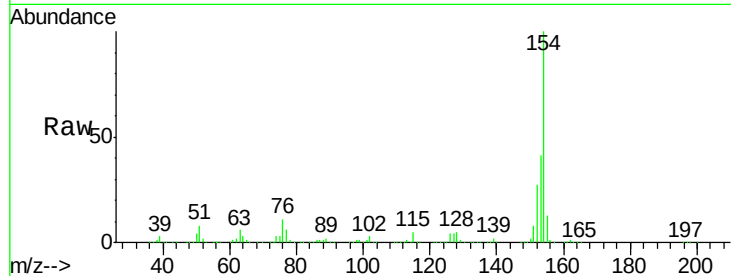




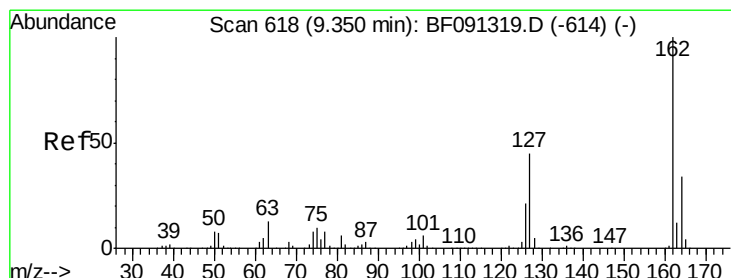
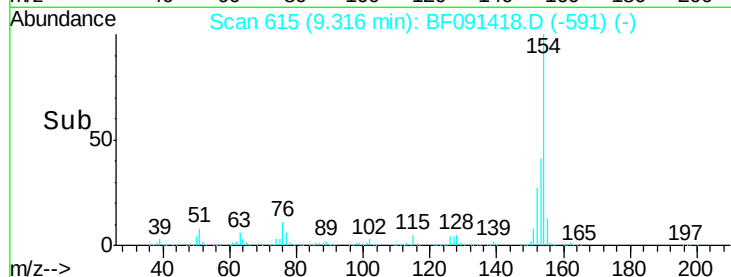
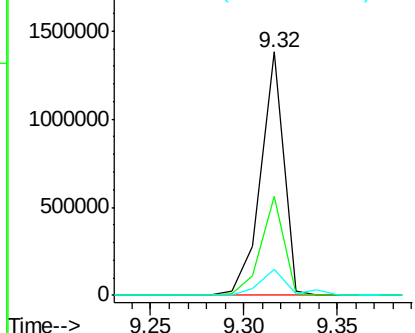
#45
 1,1'-Biphenyl
 Concen: 41.70 ng
 RT: 9.32 min Scan# 615
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1173005
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.6 60.6
 76 10.8 0.0 36.6

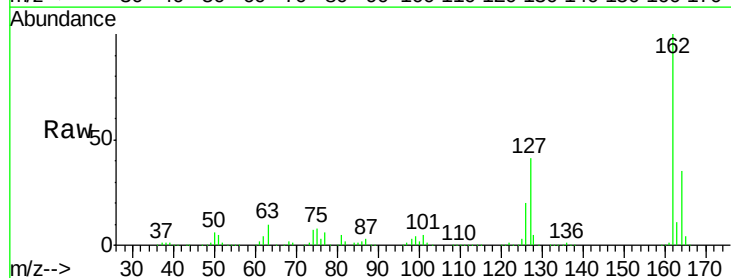


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

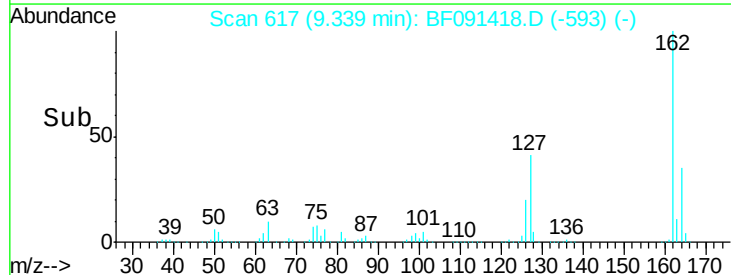
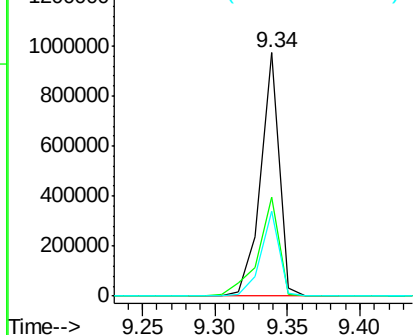


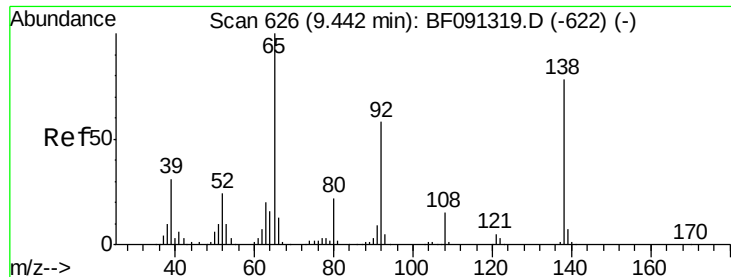
#46
 2-Chloronaphthalene
 Concen: 41.31 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

Tgt Ion:162 Resp: 865519
 Ion Ratio Lower Upper
 162 100
 127 40.5 34.3 51.5
 164 34.7 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

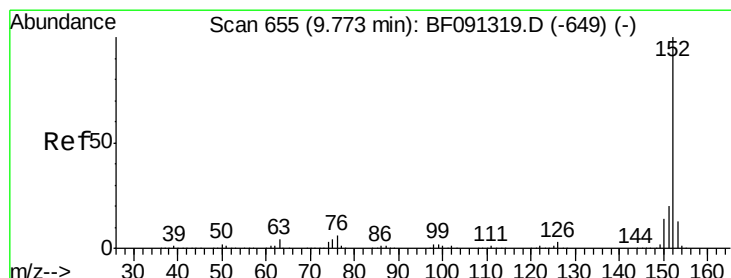
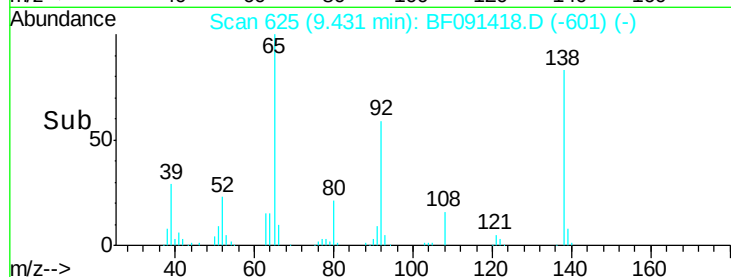
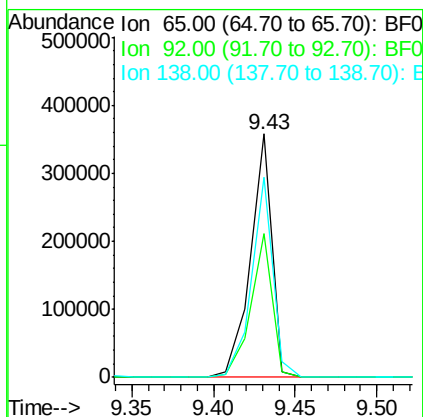
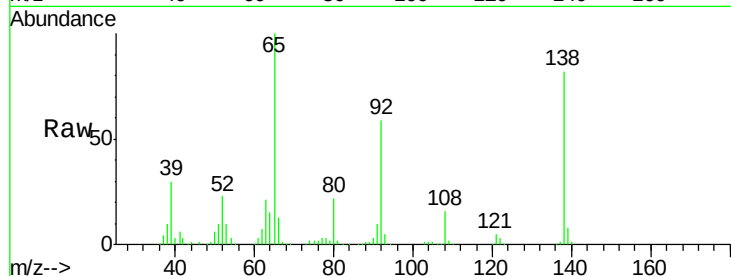




#47
 2-Nitroaniline
 Concen: 43.34 ng
 RT: 9.43 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

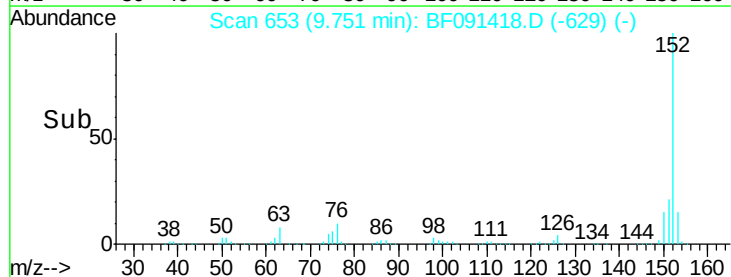
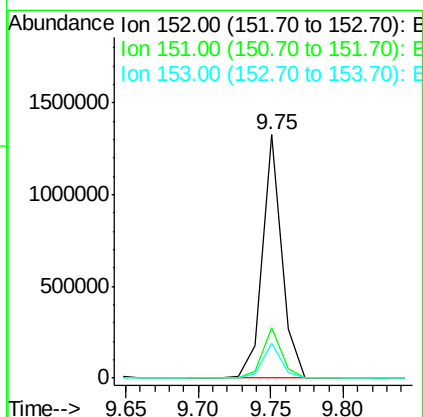
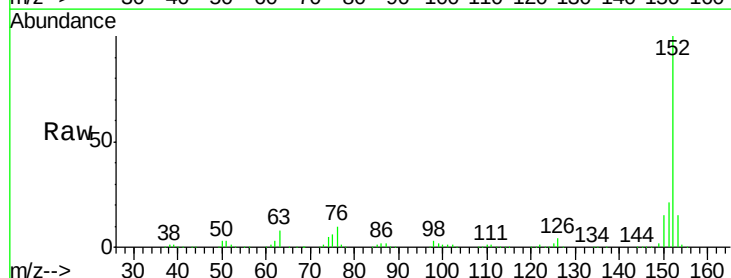
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

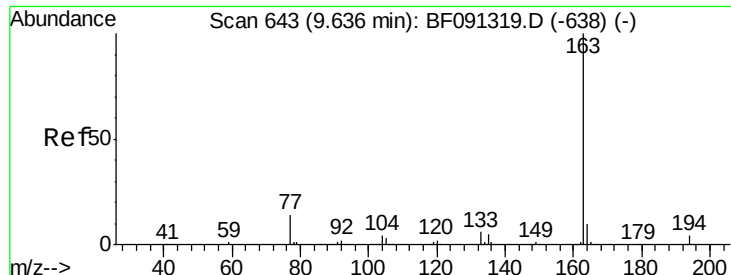
Tgt Ion: 65 Resp: 326083
 Ion Ratio Lower Upper
 65 100
 92 59.0 53.6 80.4
 138 82.3 91.0 136.6#



#48
 Acenaphthylene
 Concen: 37.14 ng
 RT: 9.75 min Scan# 653
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

Tgt Ion: 152 Resp: 1224738
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.6 24.8
 153 14.5 10.7 16.1

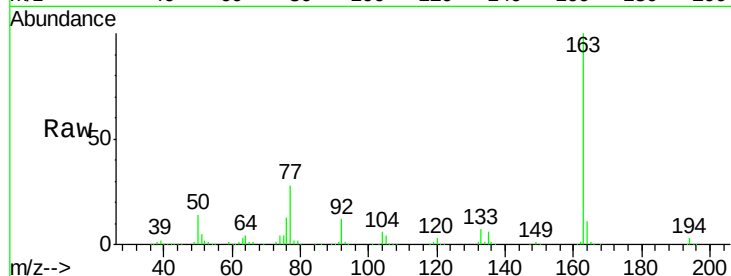




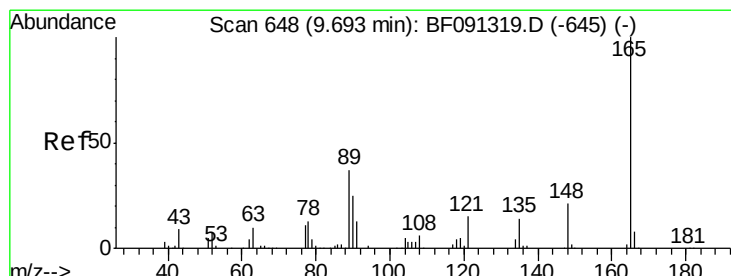
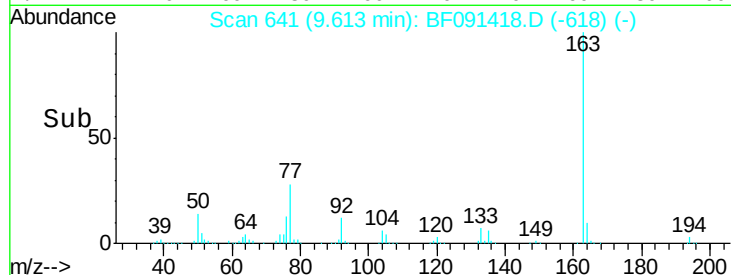
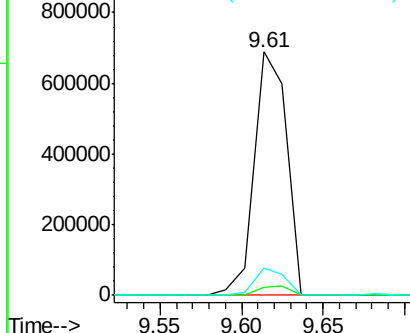
#49
Dimethylphthalate
Concen: 40.09 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 949579
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 11.4 7.8 11.8

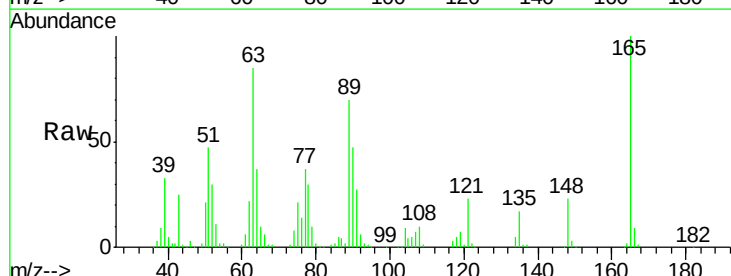


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

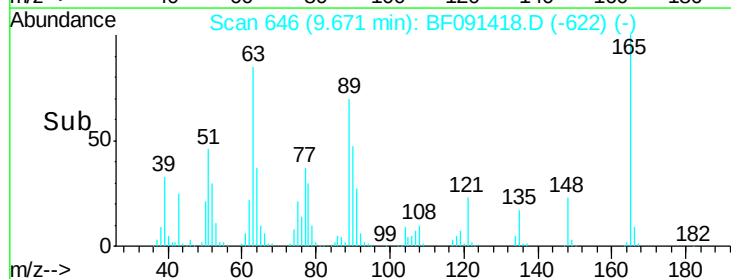
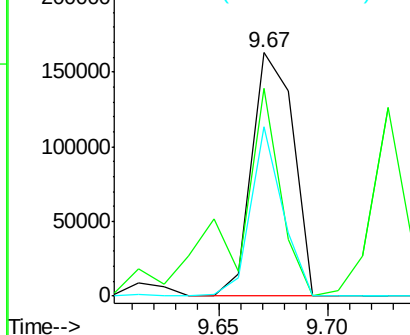


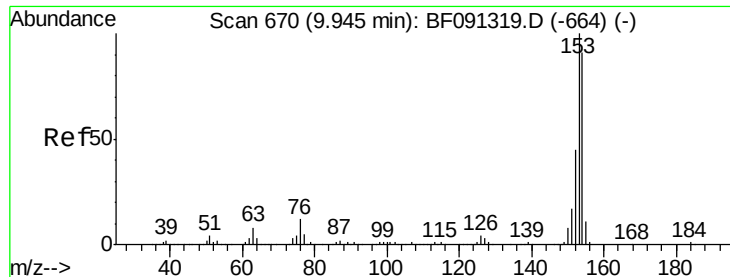
#50
2,6-Dinitrotoluene
Concen: 40.85 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

Tgt Ion:165 Resp: 216300
Ion Ratio Lower Upper
165 100
63 85.3 59.4 89.0
89 69.6 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

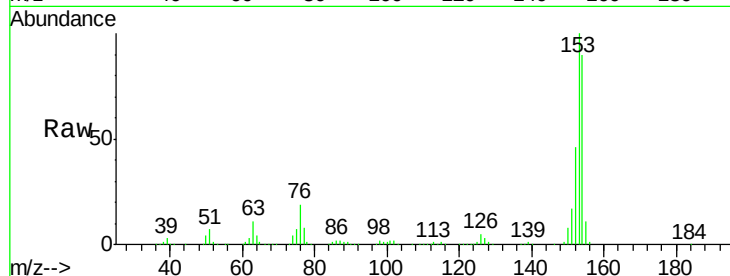




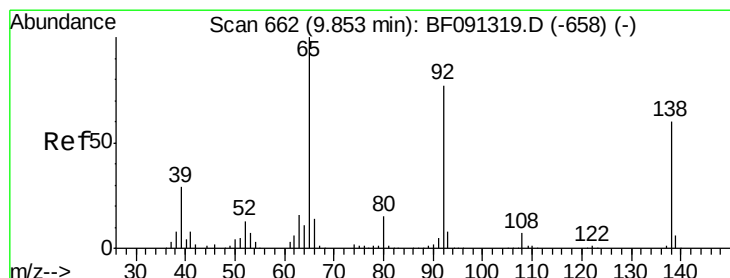
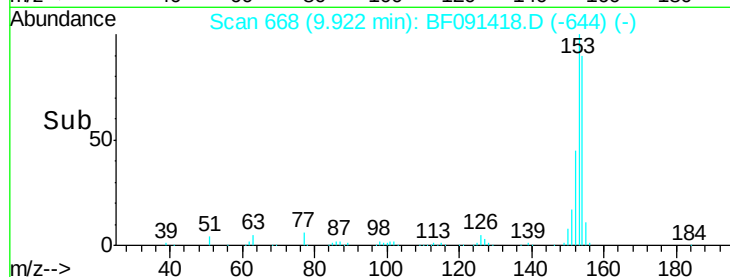
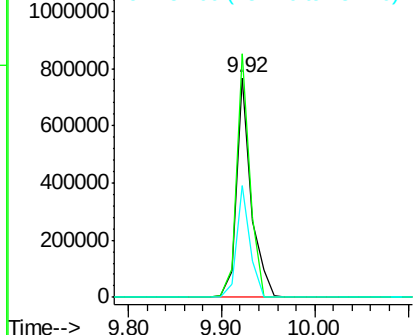
#51
Acenaphthene
Concen: 37.98 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 844813
Ion Ratio Lower Upper
154 100
153 111.0 91.0 136.6
152 50.8 44.2 66.2

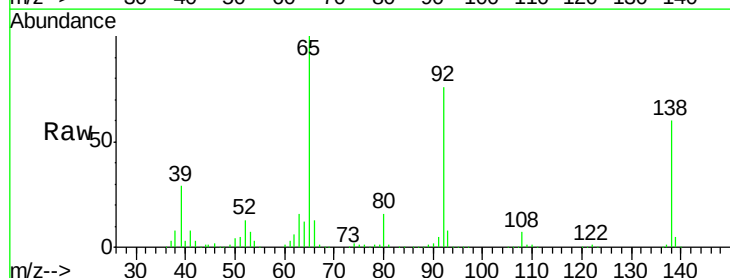


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

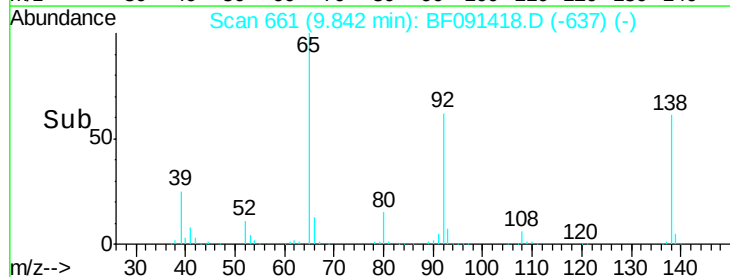
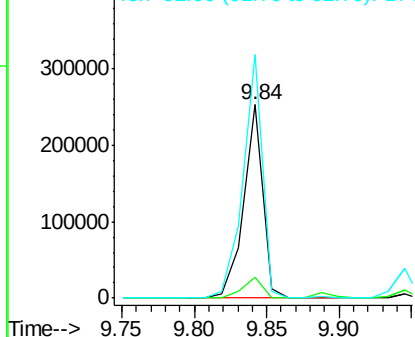


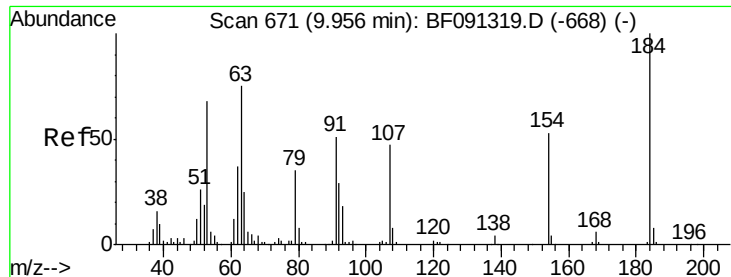
#52
3-Nitroaniline
Concen: 38.13 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

Tgt Ion:138 Resp: 233665
Ion Ratio Lower Upper
138 100
108 11.1 8.1 12.1
92 125.8 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

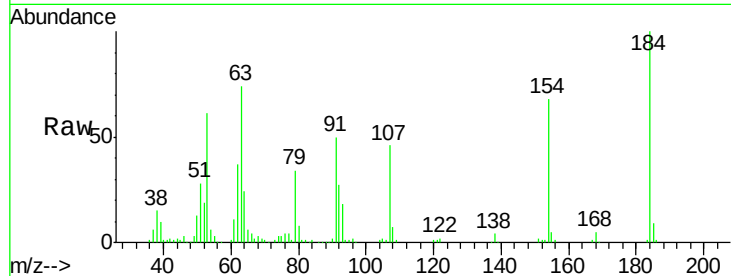




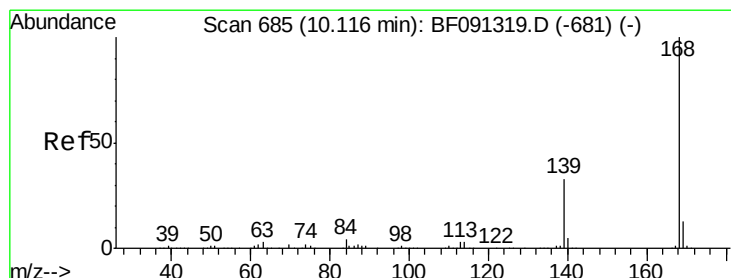
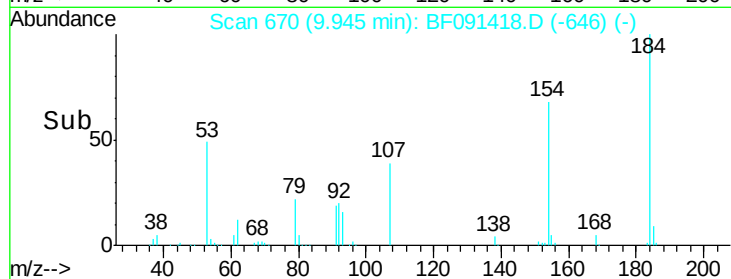
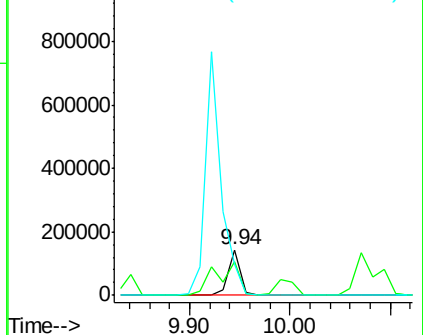
#53
2,4-Dinitrophenol
Concen: 52.18 ng
RT: 9.94 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 120815
Ion Ratio Lower Upper
184 100
63 74.4 58.3 87.5
154 67.8 48.6 73.0

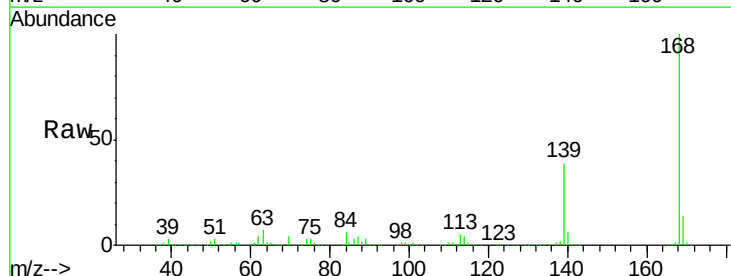


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

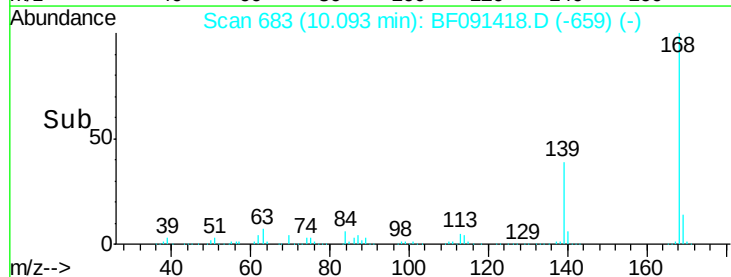
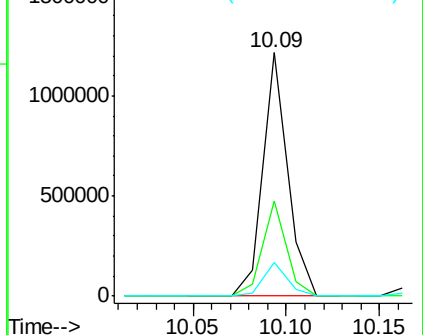


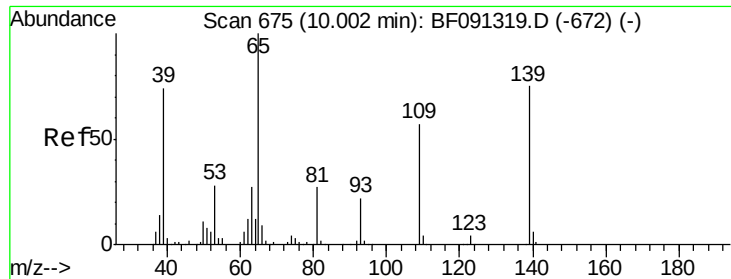
#54
Dibenzofuran
Concen: 37.45 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

Tgt Ion:168 Resp: 1115316
Ion Ratio Lower Upper
168 100
139 39.3 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

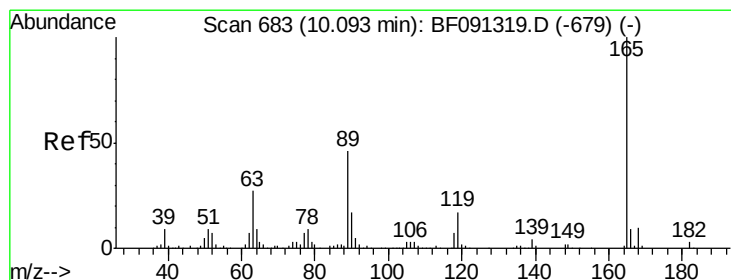
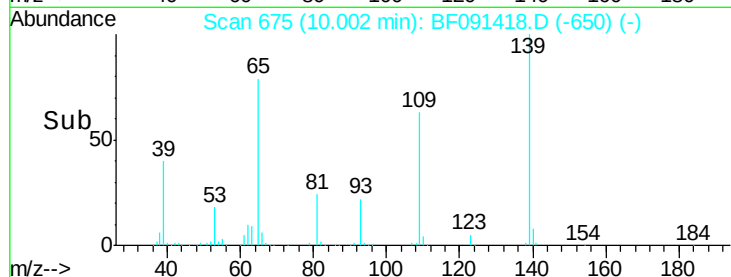
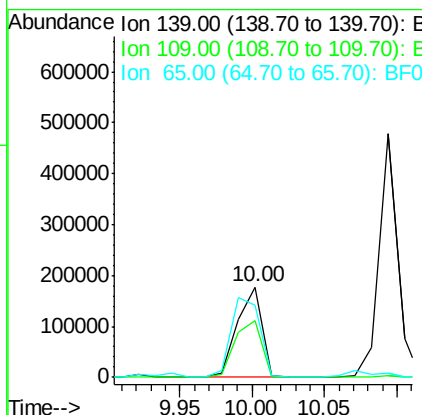
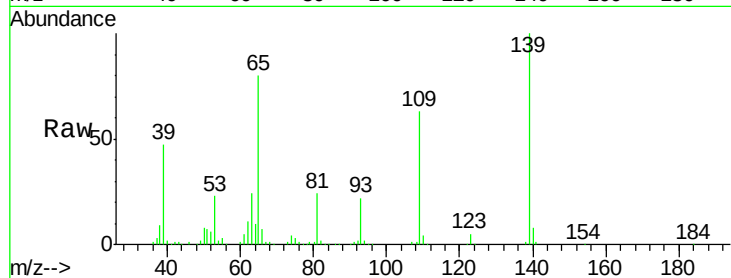




#55
4-Nitrophenol
Concen: 46.93 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

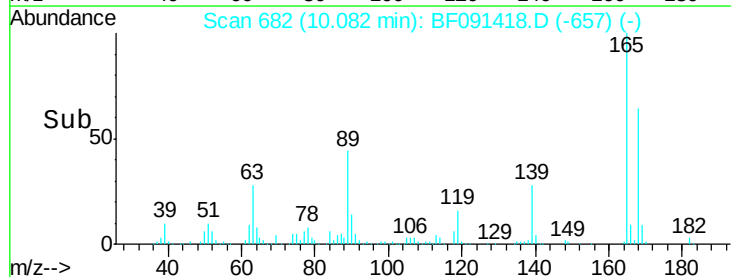
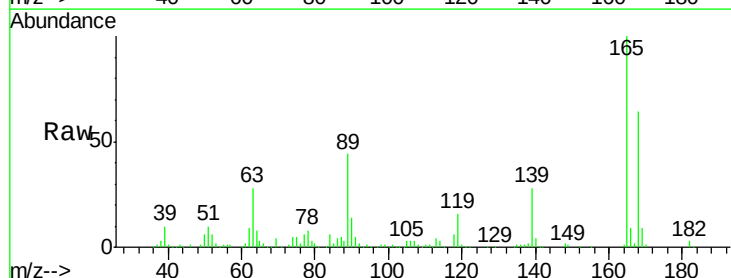
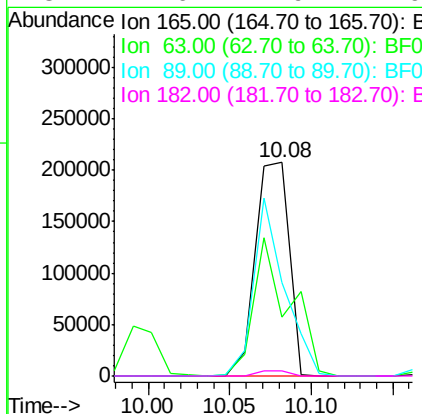
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

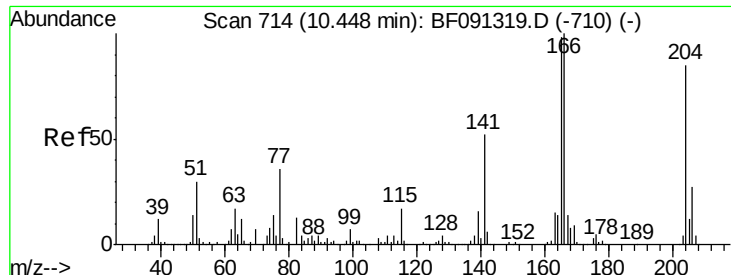
Tgt Ion:139 Resp: 207716
Ion Ratio Lower Upper
139 100
109 62.7 54.9 94.9
65 79.7 102.2 142.2#



#56
2,4-Dinitrotoluene
Concen: 43.54 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

Tgt Ion:165 Resp: 299058
Ion Ratio Lower Upper
165 100
63 27.8 29.0 43.4#
89 43.6 43.1 64.7
182 2.6 1.9 2.9

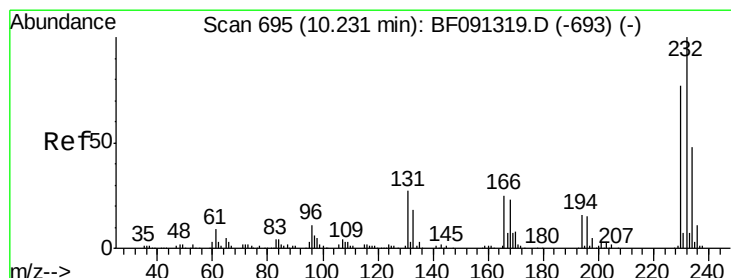
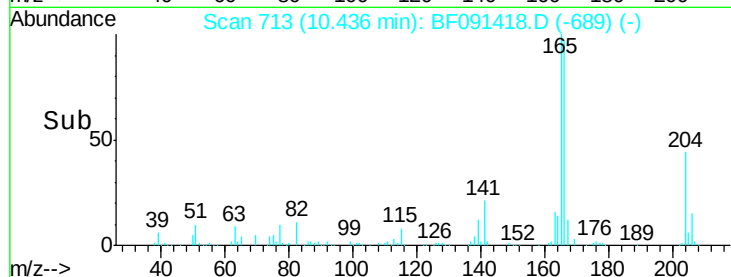
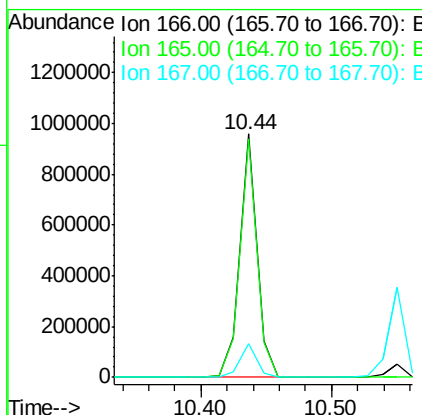
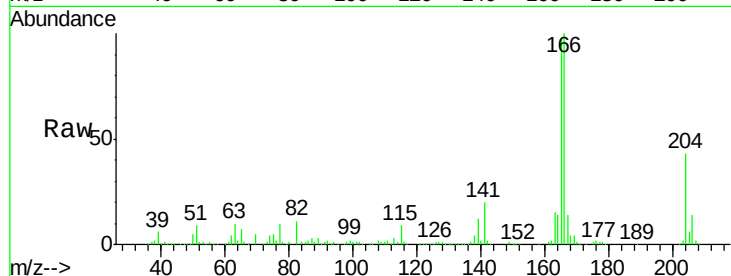




#57
Fluorene
 Concen: 38.05 ng
 RT: 10.44 min Scan# 713
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

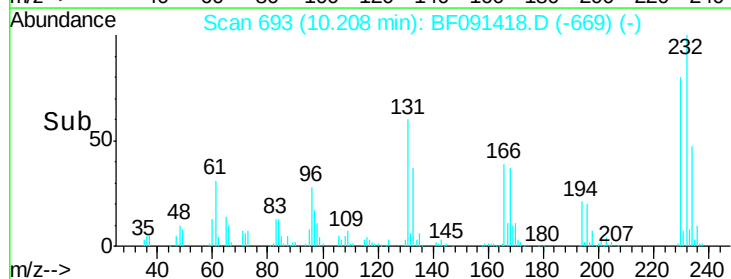
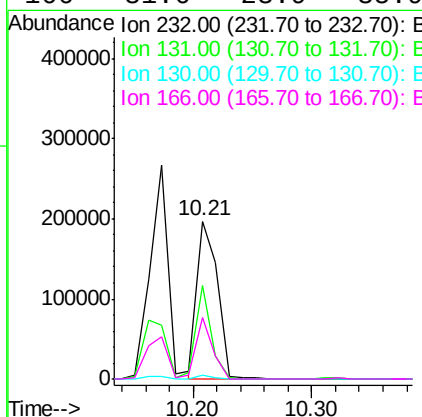
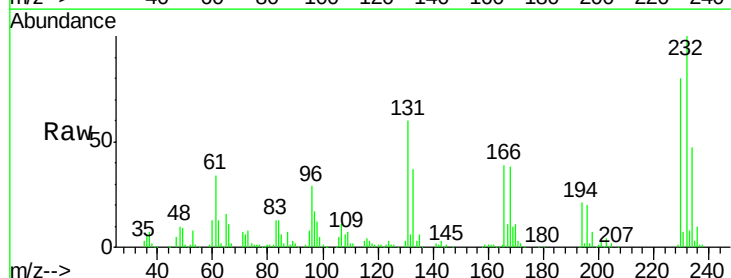
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

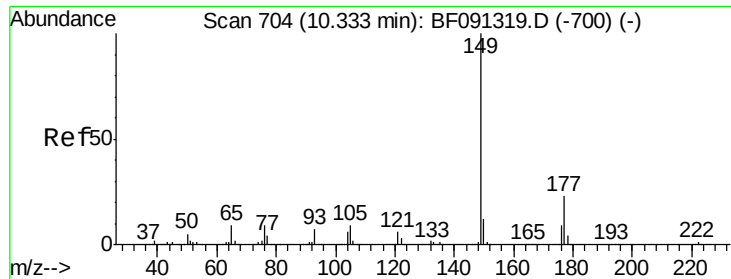
Tgt Ion:166 Resp: 870114
 Ion Ratio Lower Upper
 166 100
 165 98.1 80.0 120.0
 167 13.7 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.35 ng
 RT: 10.21 min Scan# 693
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

Tgt Ion:232 Resp: 241361
 Ion Ratio Lower Upper
 232 100
 131 44.6 38.4 57.6
 130 2.1 1.8 2.8
 166 31.6 23.9 35.9

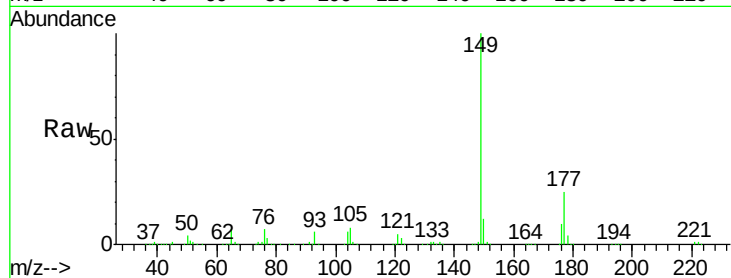




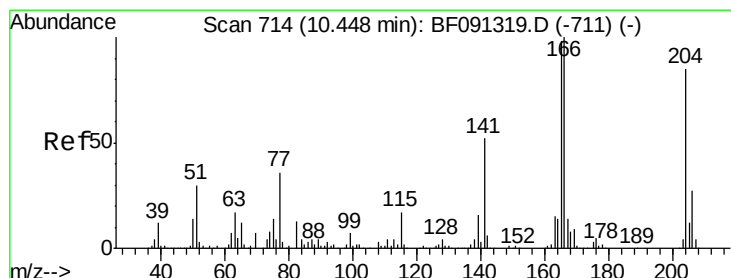
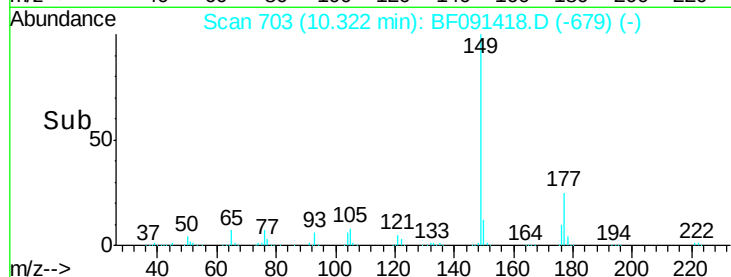
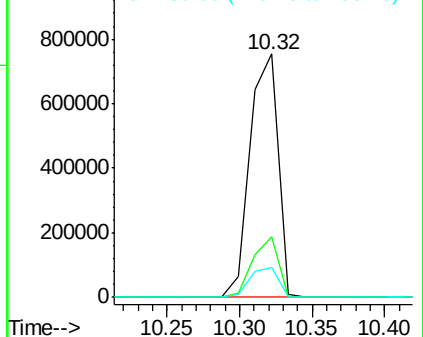
#59
Diethylphthalate
Concen: 43.26 ng
RT: 10.32 min Scan# 703
Delta R.T. -0.03 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1011453
Ion Ratio Lower Upper
149 100
177 24.9 15.7 23.5#
150 12.1 10.2 15.2

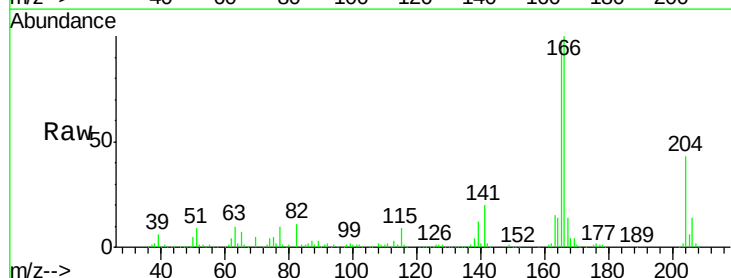


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

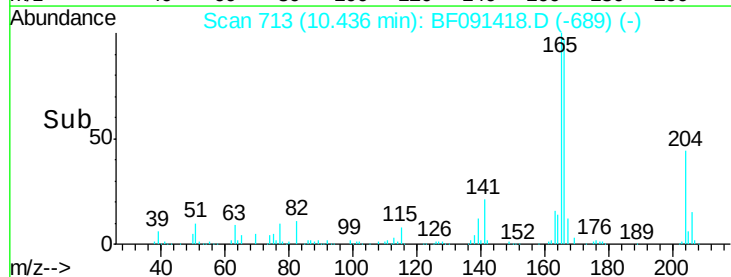
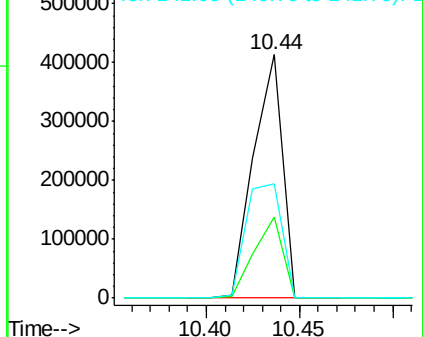


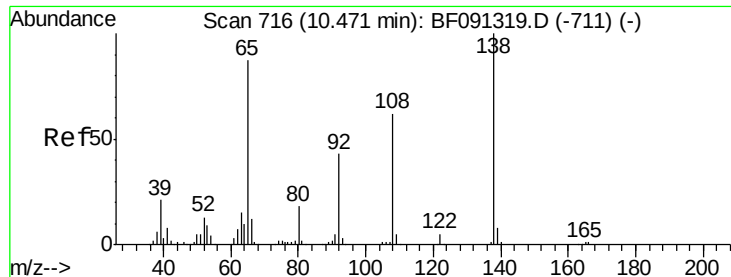
#60
4-Chlorophenyl-phenylether
Concen: 39.42 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.03 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

Tgt Ion:204 Resp: 452062
Ion Ratio Lower Upper
204 100
206 33.4 26.1 39.1
141 47.2 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

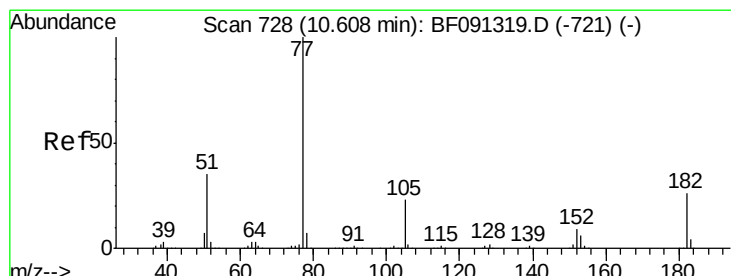
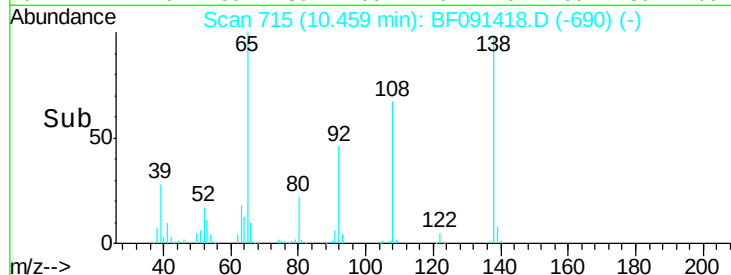
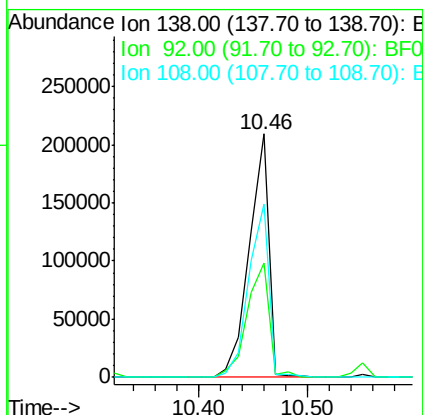
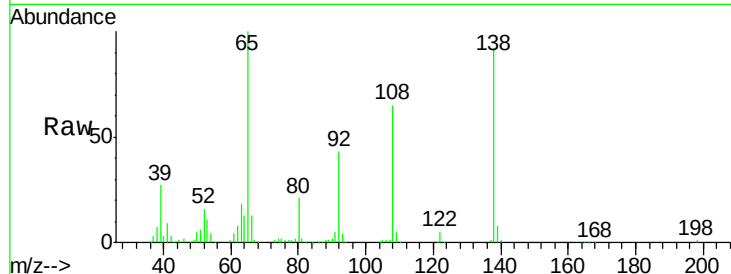




#61
4-Nitroaniline
Concen: 45.89 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.02 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

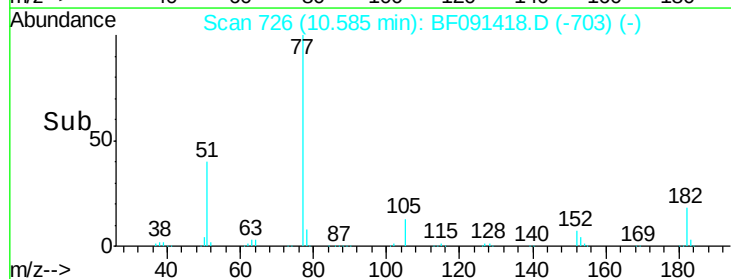
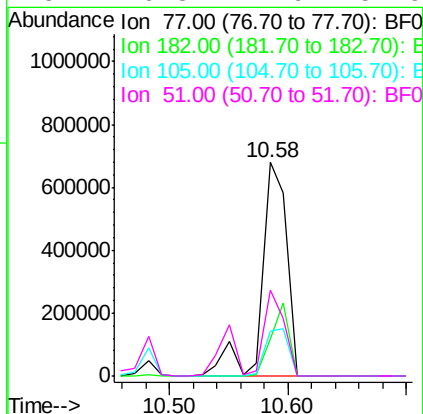
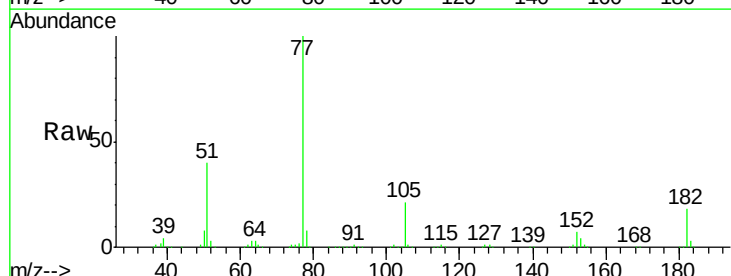
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

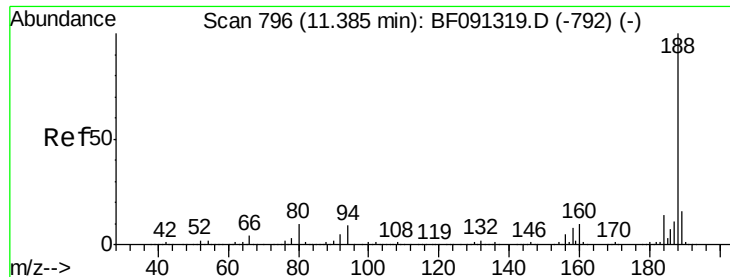
Tgt Ion:138 Resp: 264103
Ion Ratio Lower Upper
138 100
92 46.7 26.9 66.9
108 71.0 49.1 89.1



#62
Azobenzene
Concen: 41.86 ng
RT: 10.58 min Scan# 726
Delta R.T. -0.04 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

Tgt Ion: 77 Resp: 998669
Ion Ratio Lower Upper
77 100
182 17.6 12.5 52.5
105 20.7 3.7 43.7
51 40.3 11.9 51.9

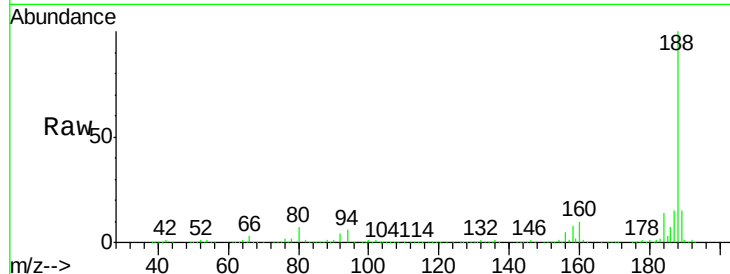




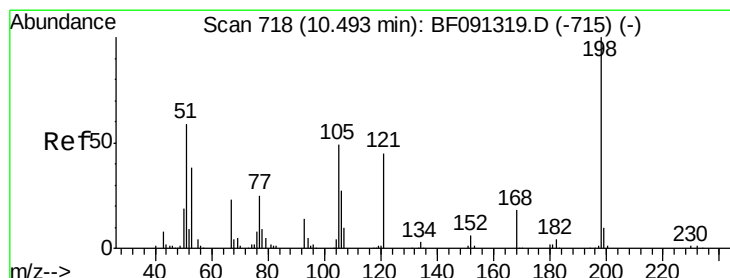
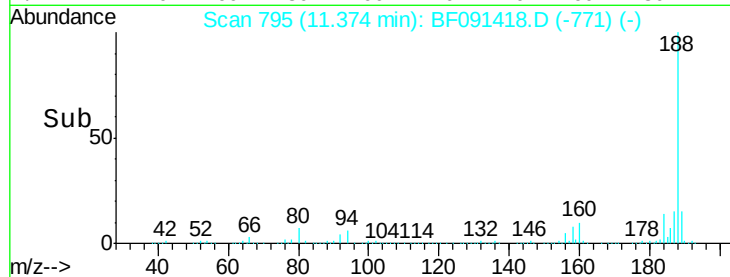
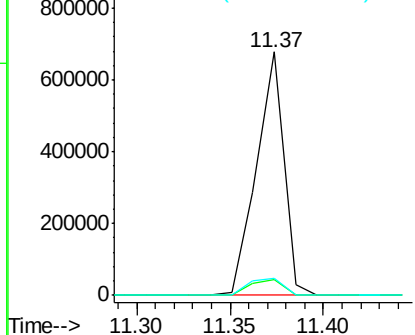
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 688328
Ion Ratio Lower Upper
188 100
94 6.4 9.2 13.8#
80 6.8 10.5 15.7#

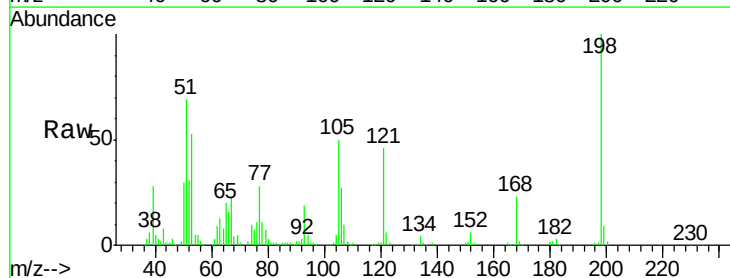


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

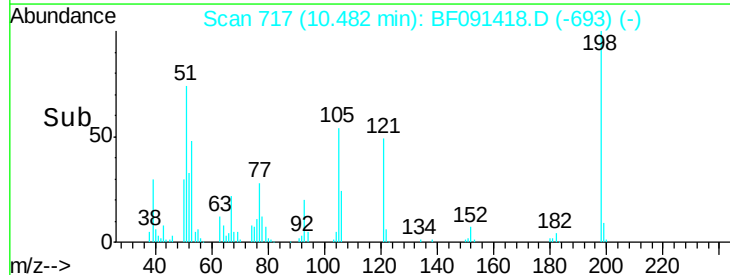
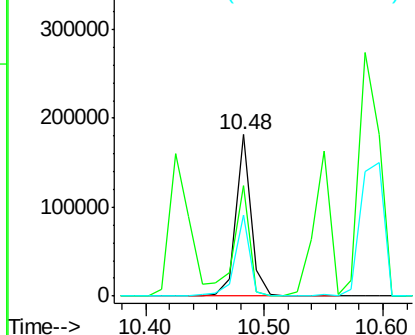


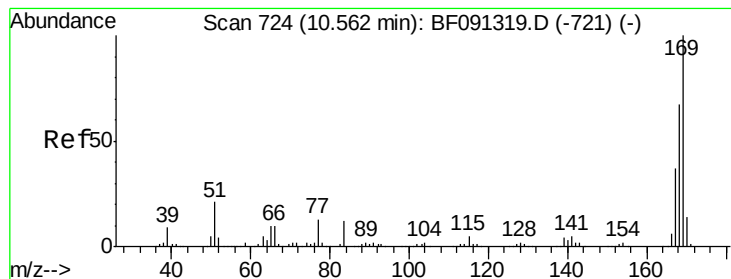
#64
4,6-Dinitro-2-methylphenol
Concen: 42.15 ng
RT: 10.48 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

Tgt Ion:198 Resp: 159844
Ion Ratio Lower Upper
198 100
51 68.7 77.1 117.1#
105 50.2 44.8 84.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

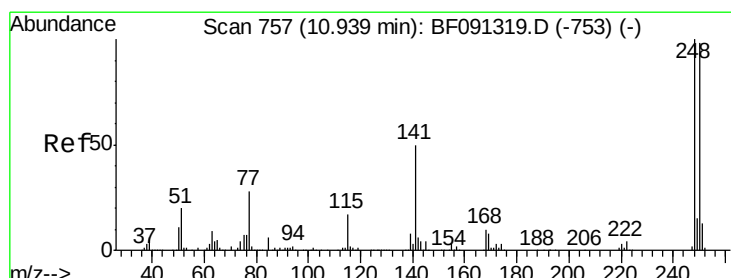
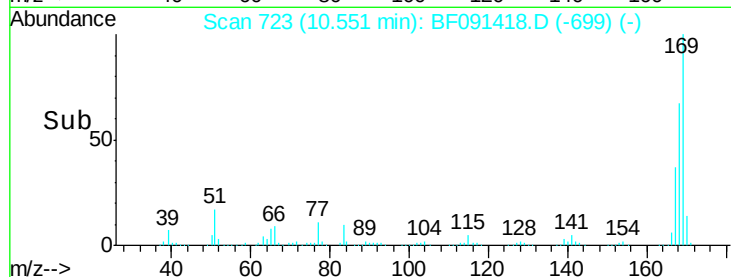
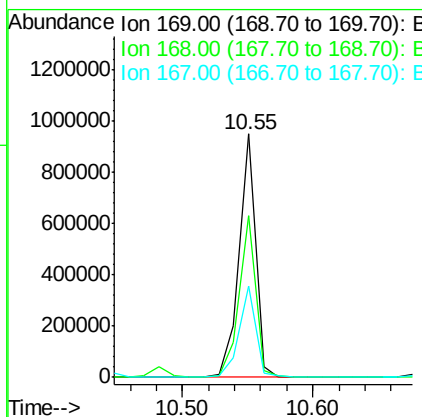
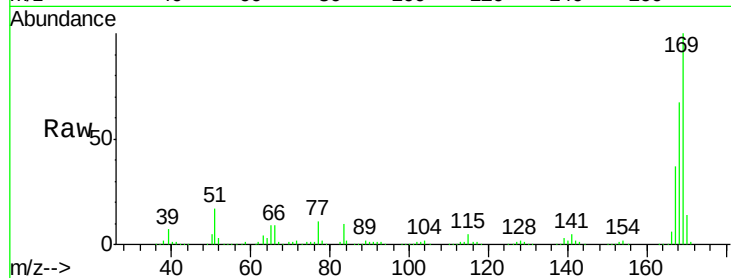




#65
 n-Nitrosodiphenylamine
 Concen: 39.61 ng
 RT: 10.55 min Scan# 723
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

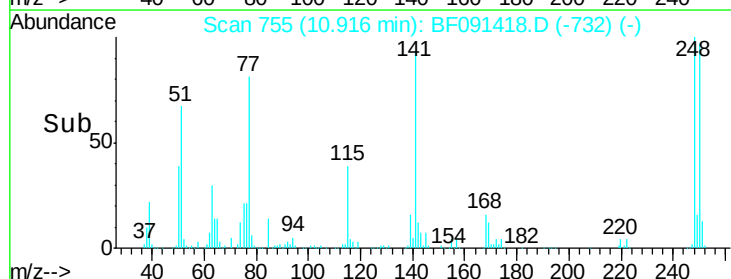
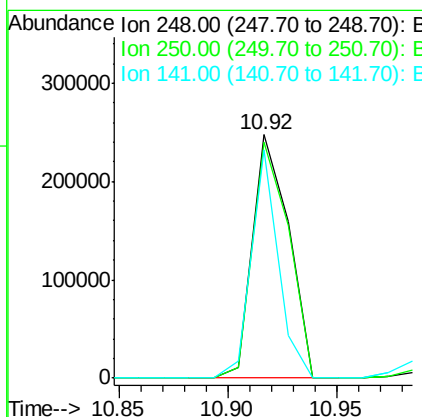
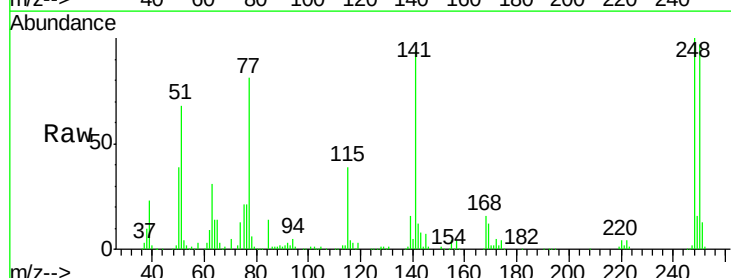
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

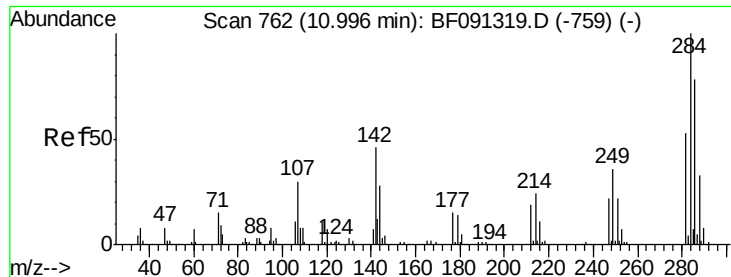
Tgt Ion:169 Resp: 826657
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.8 80.8
 167 37.3 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 38.84 ng
 RT: 10.92 min Scan# 755
 Delta R.T. -0.04 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

Tgt Ion:248 Resp: 287353
 Ion Ratio Lower Upper
 248 100
 250 96.9 78.2 117.4
 141 93.7 71.9 107.9





#67

Hexachlorobenzene

Concen: 38.62 ng

RT: 10.98 min Scan# 761

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

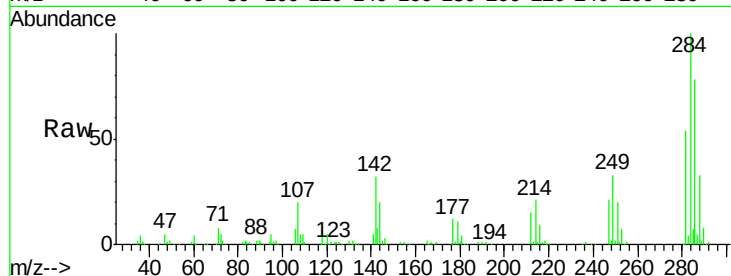
Tgt Ion:284 Resp: 308782

Ion Ratio Lower Upper

284 100

142 32.1 17.9 26.9#

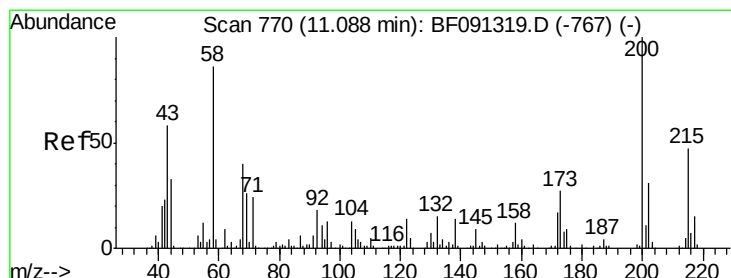
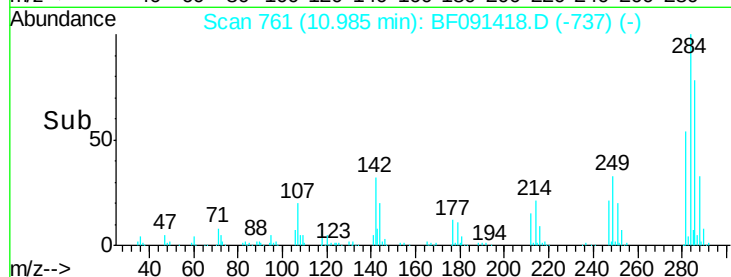
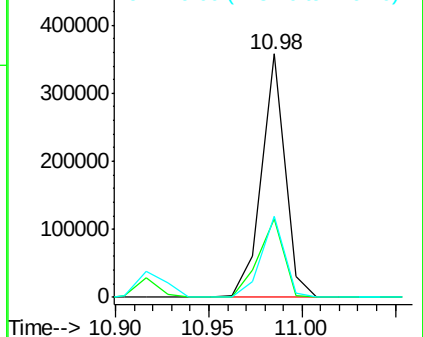
249 33.1 23.6 35.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.11 ng

RT: 11.08 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

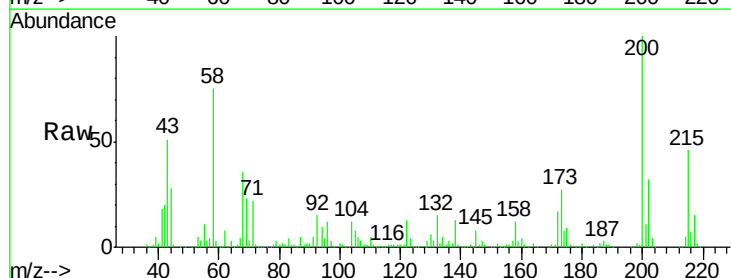
Tgt Ion:200 Resp: 244091

Ion Ratio Lower Upper

200 100

173 26.7 7.8 47.8

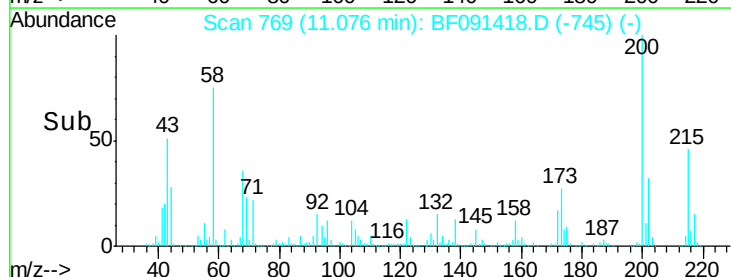
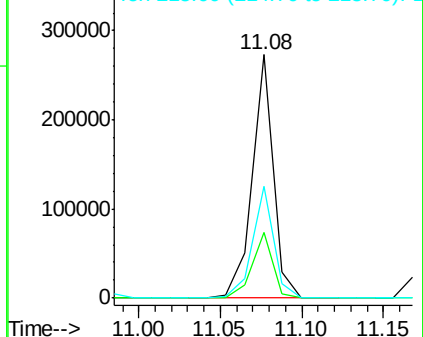
215 46.0 24.3 64.3

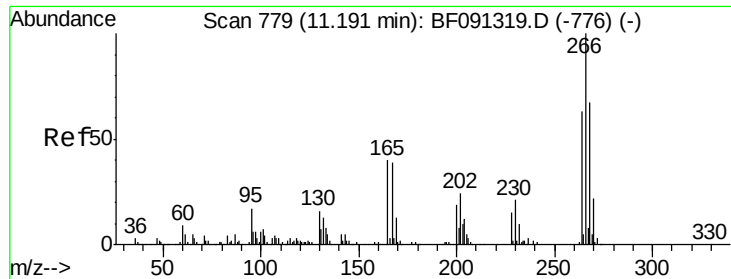


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

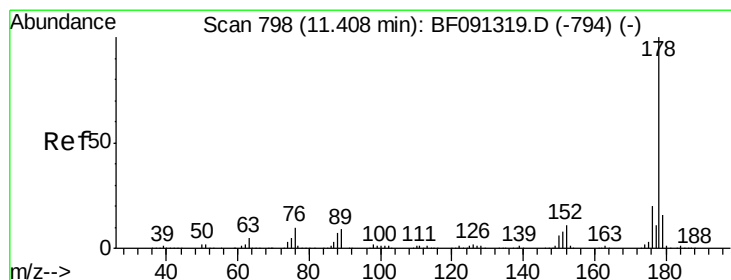
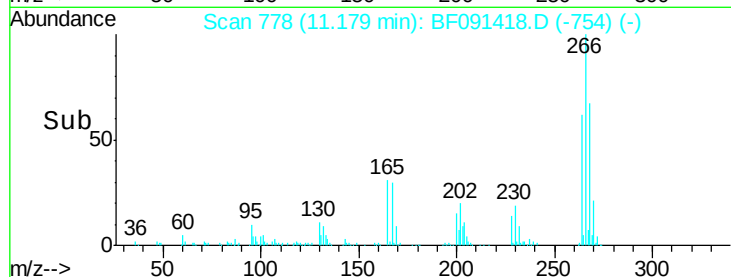
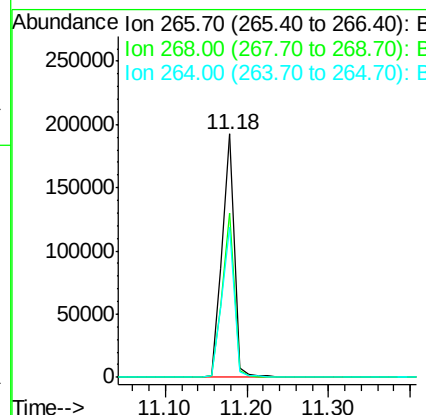
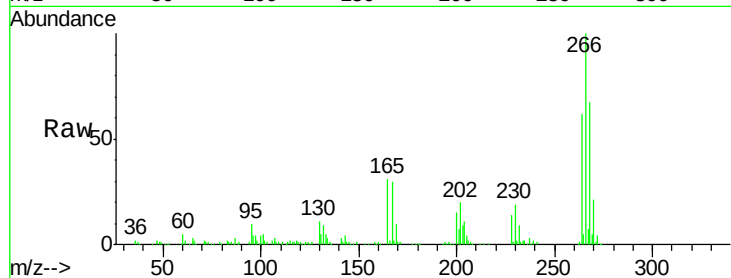




#69
 Pentachlorophenol
 Concen: 43.27 ng
 RT: 11.18 min Scan# 778
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

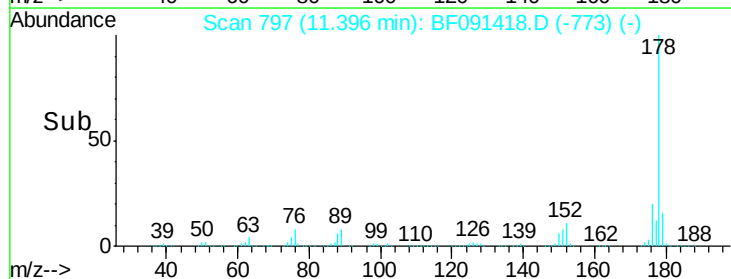
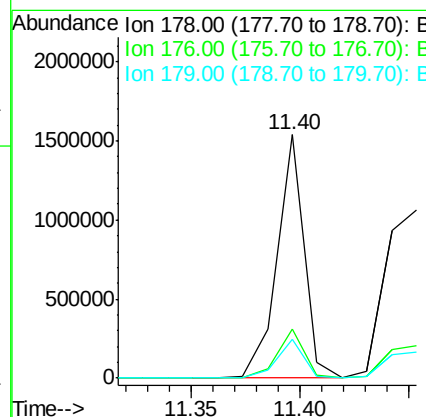
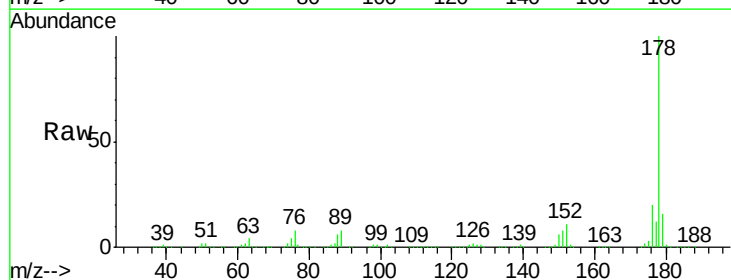
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

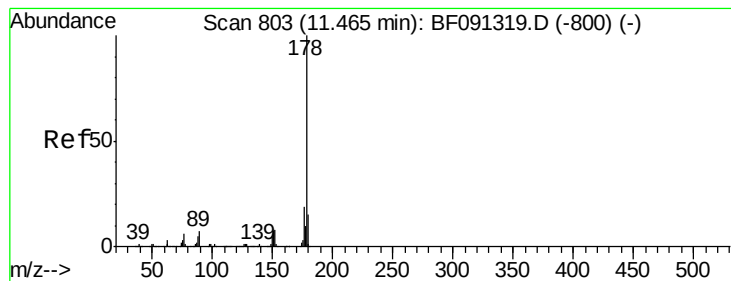
Tgt Ion:266 Resp: 203642
 Ion Ratio Lower Upper
 266 100
 268 67.4 50.3 75.5
 264 61.7 48.2 72.2



#70
 Phenanthrene
 Concen: 37.57 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

Tgt Ion:178 Resp: 1343815
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.9 23.9
 179 15.7 12.6 18.8





#71

Anthracene

Concen: 39.73 ng

RT: 11.45 min Scan# 802

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

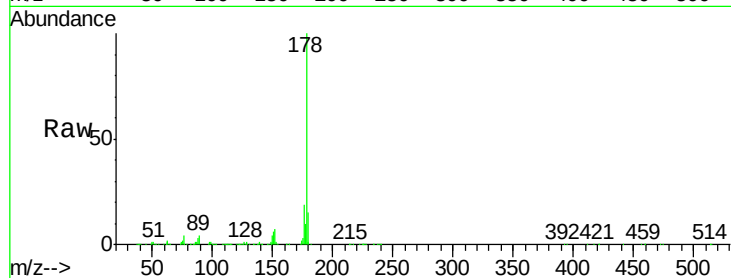
Tgt Ion:178 Resp: 1410385

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.6

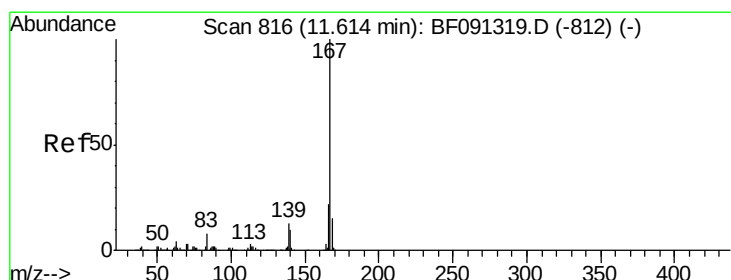
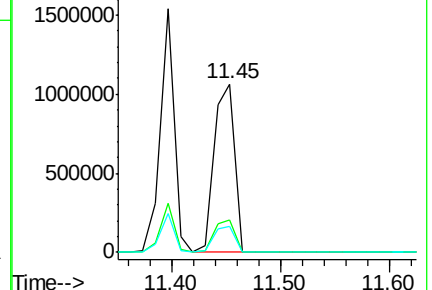
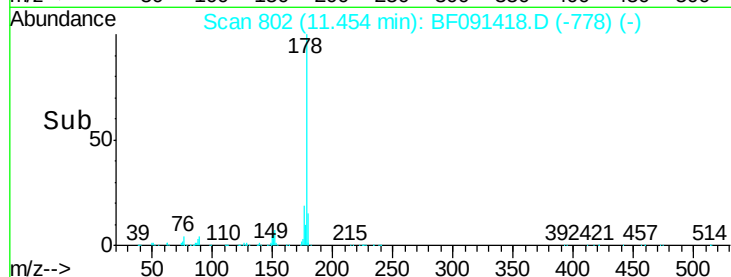
179 15.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.14 ng

RT: 11.60 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

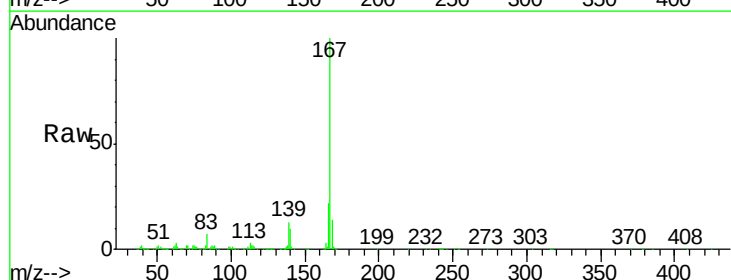
Tgt Ion:167 Resp: 1325092

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

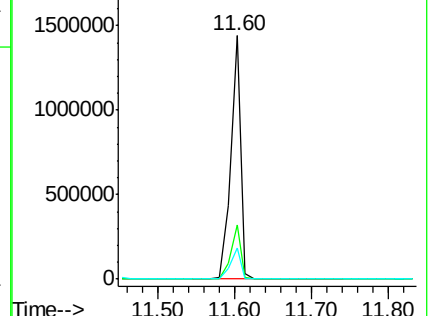
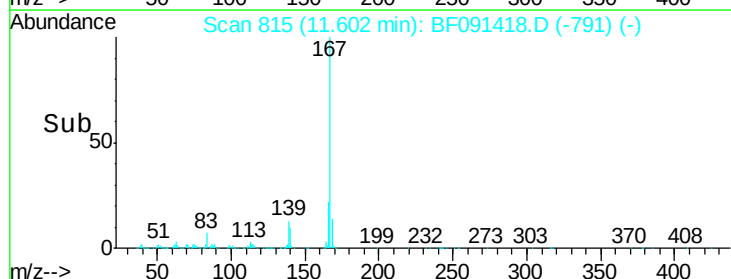
139 13.0 11.5 17.3

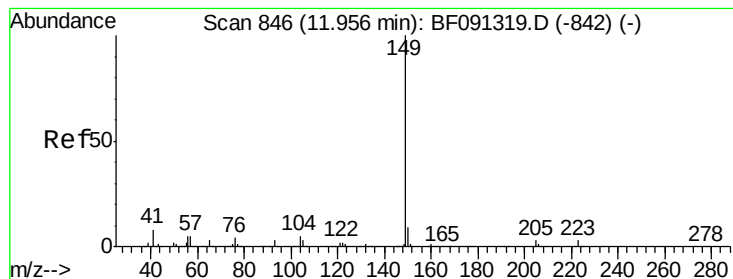


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.32 ng

RT: 11.93 min Scan# 844

Delta R.T. -0.04 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

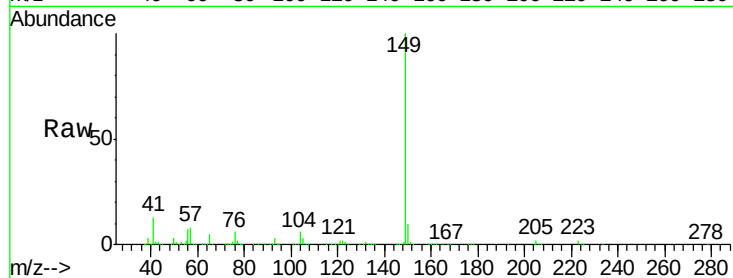
Tgt Ion:149 Resp: 1472018

Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

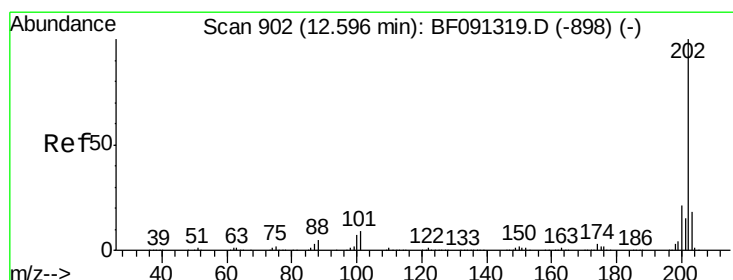
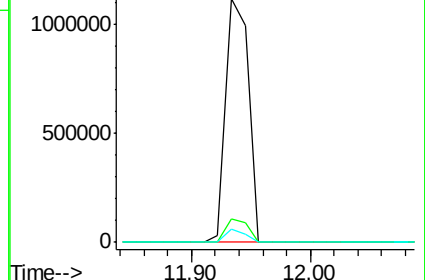
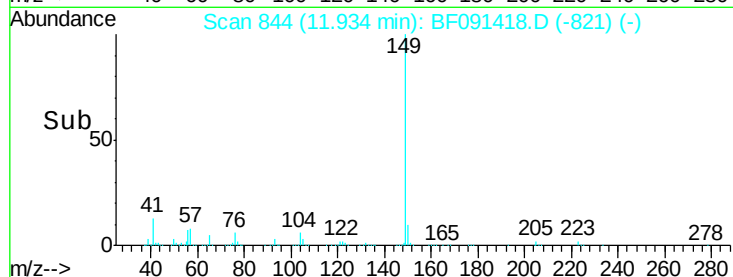
104 5.5 4.0 6.0



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: 44.02 ng

RT: 12.59 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

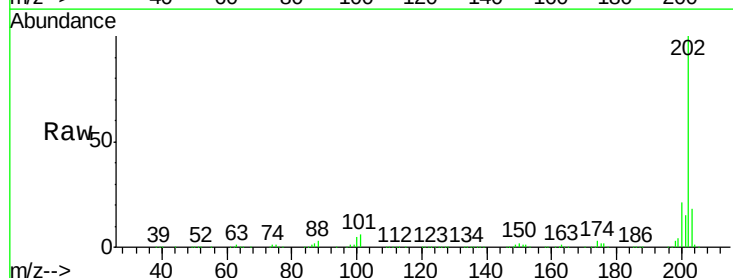
Tgt Ion:202 Resp: 1491386

Ion Ratio Lower Upper

202 100

101 6.2 0.0 29.5

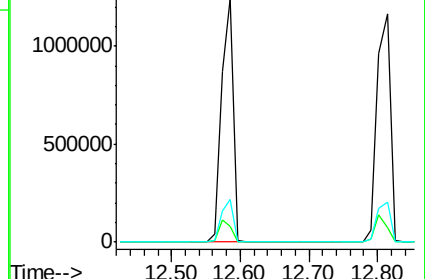
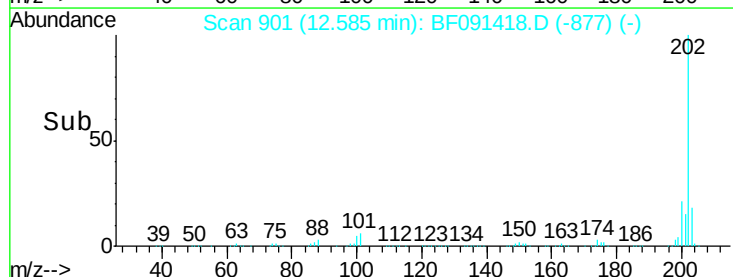
203 17.6 0.0 37.8

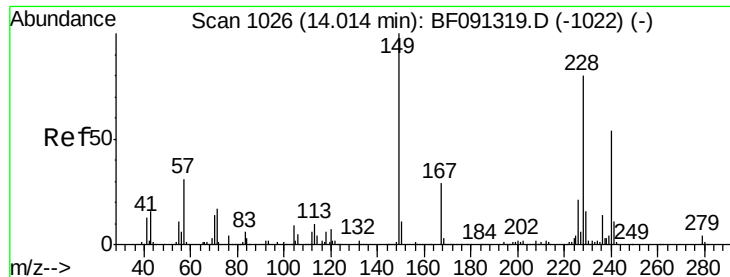


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 1025

Delta R.T. -0.04 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

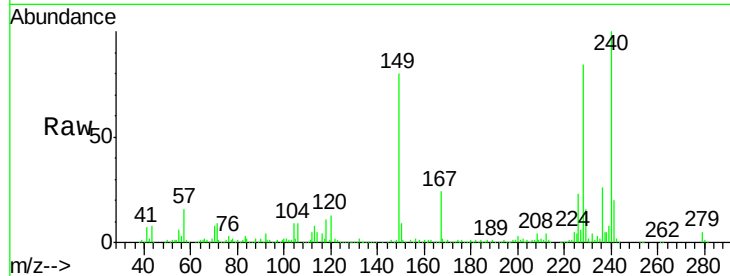
Tgt Ion:240 Resp: 472683

Ion Ratio Lower Upper

240 100

120 12.7 12.1 18.1

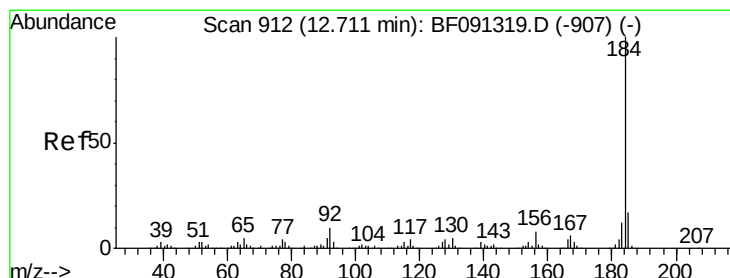
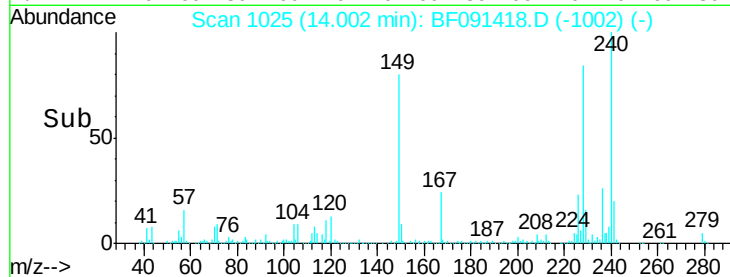
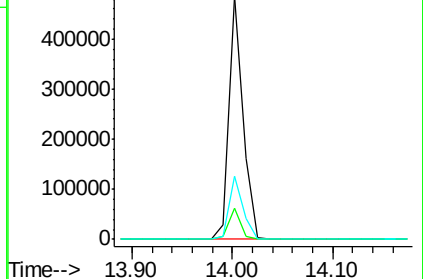
236 25.9 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.11 ng

RT: 12.70 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

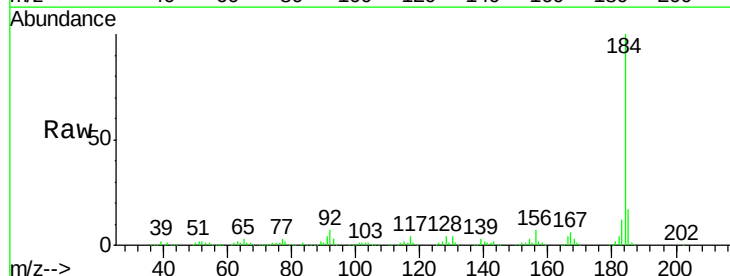
Tgt Ion:184 Resp: 584390

Ion Ratio Lower Upper

184 100

185 16.6 13.1 19.7

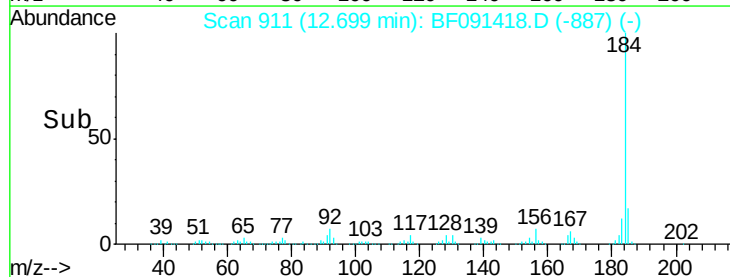
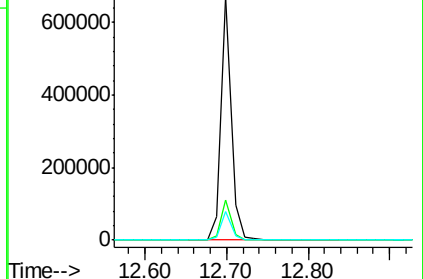
183 11.8 8.9 13.3

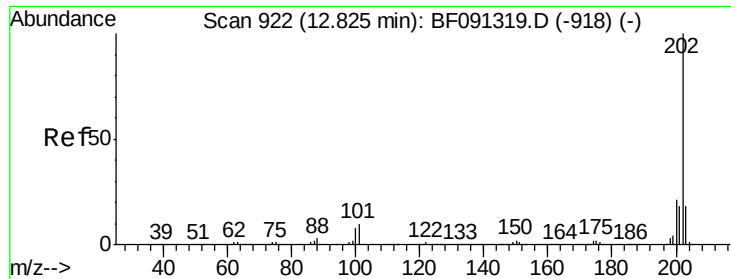


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



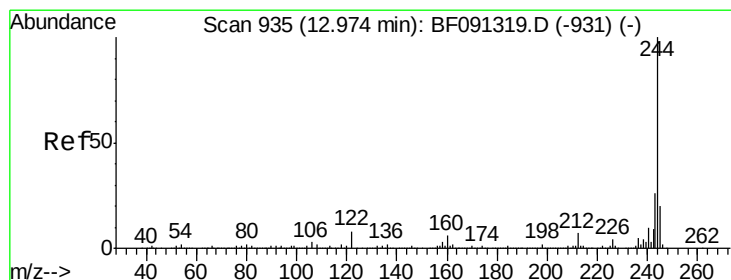
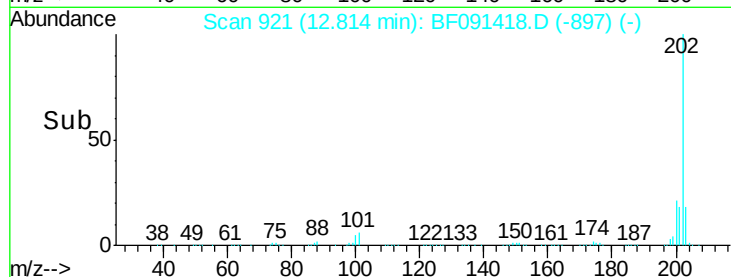
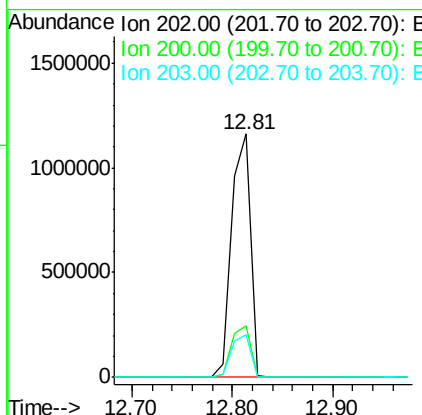
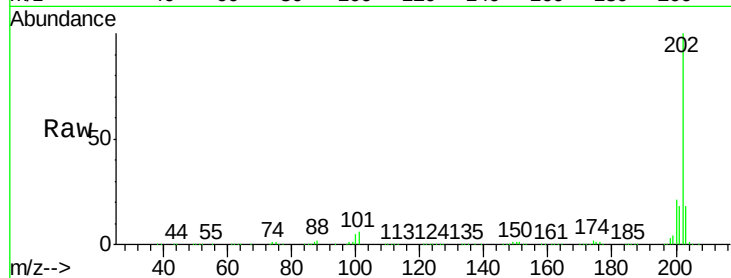


#77
Pyrene
 Concen: 42.09 ng
 RT: 12.81 min Scan# 921
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 202 Resp: 1509672

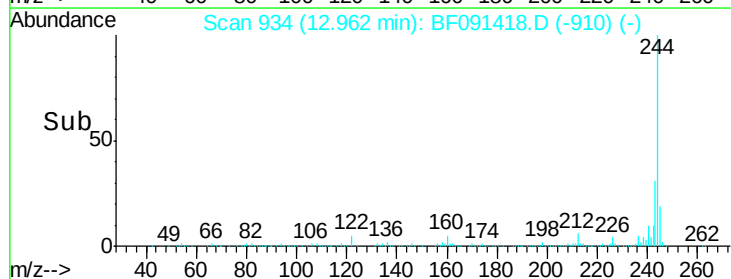
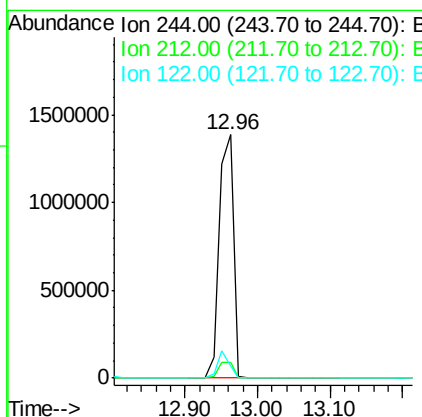
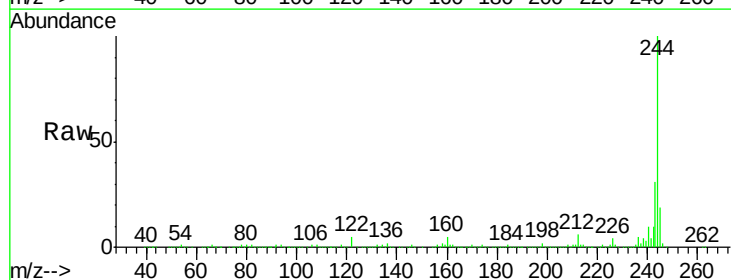
Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	17.6	14.0	21.0

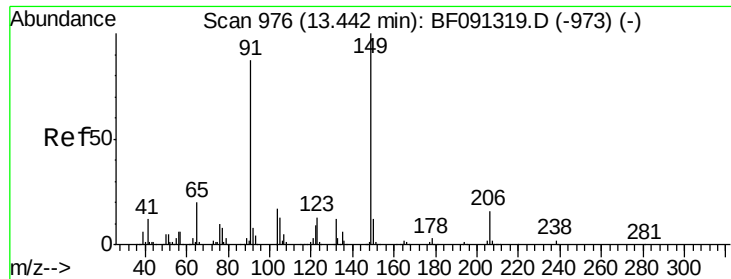


#78
Terphenyl-d14
 Concen: 86.39 ng
 RT: 12.96 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

Tgt Ion: 244 Resp: 1878774

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.5	9.7#
122	4.9	9.5	14.3#





#79

Butylbenzylphthalate

Concen: 44.31 ng

RT: 13.43 min Scan# 975

Delta R.T. -0.04 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

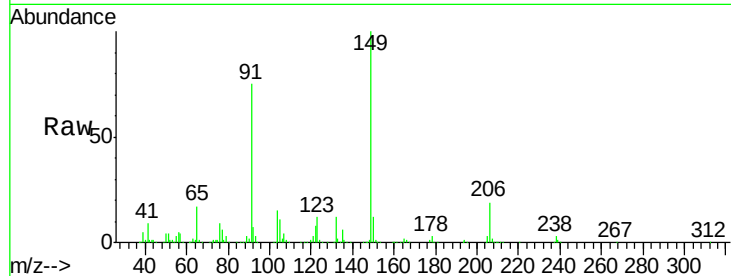
Tgt Ion:149 Resp: 595251

Ion Ratio Lower Upper

149 100

91 75.2 57.4 86.2

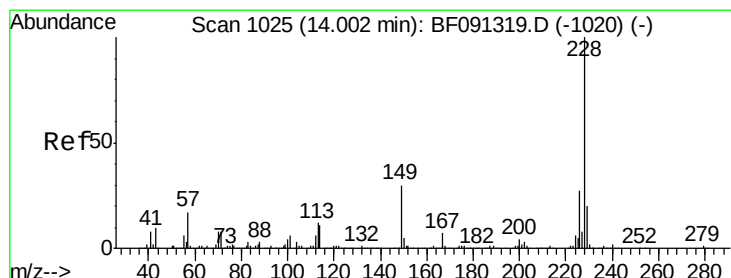
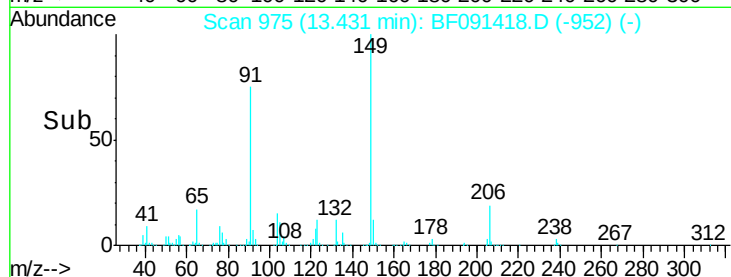
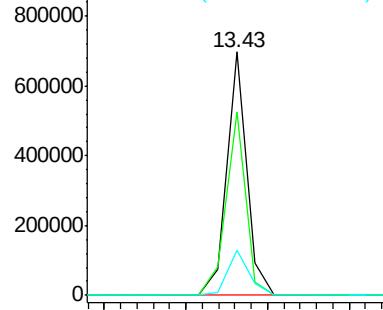
206 18.6 15.4 23.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.39 ng

RT: 13.99 min Scan# 1024

Delta R.T. -0.03 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

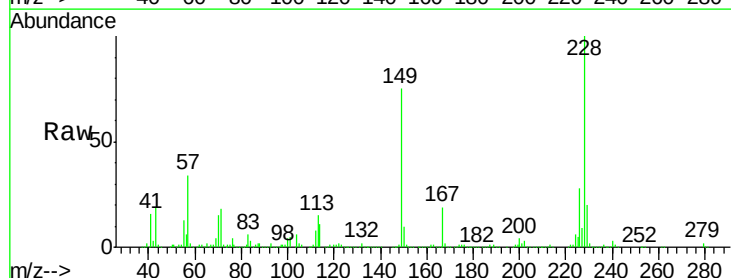
Tgt Ion:228 Resp: 1116444

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

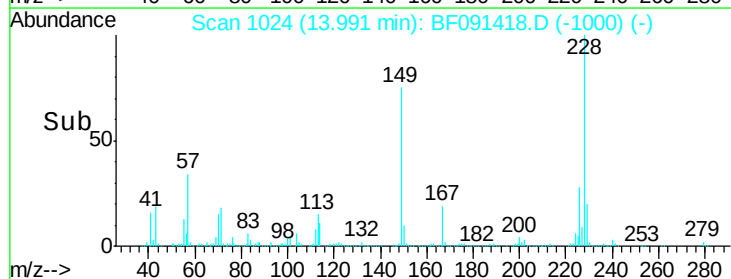
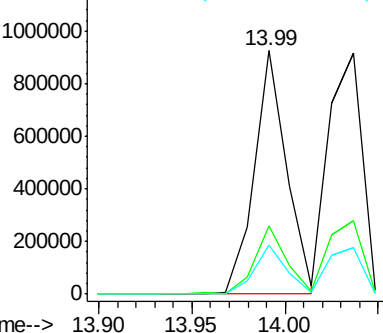
229 20.3 16.4 24.6

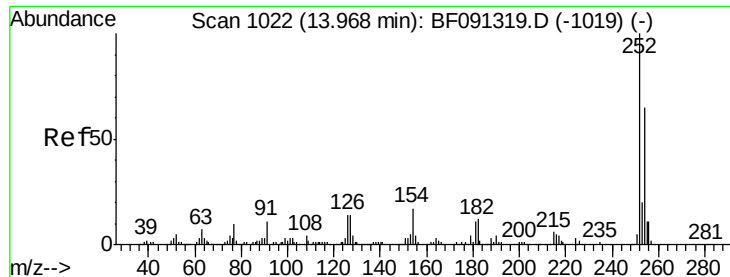


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

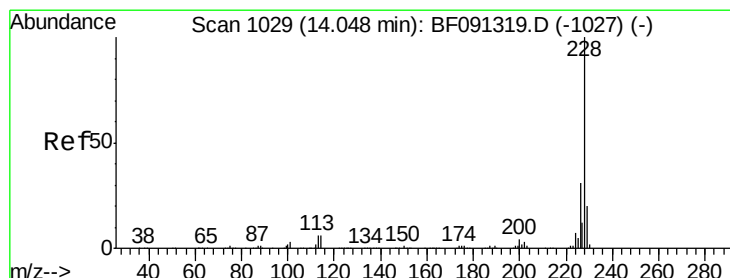
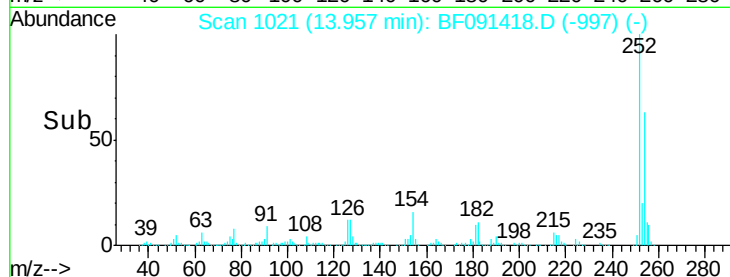
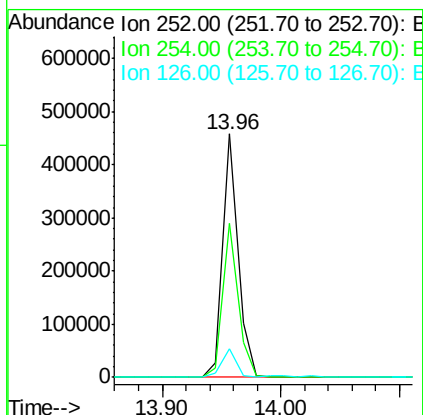
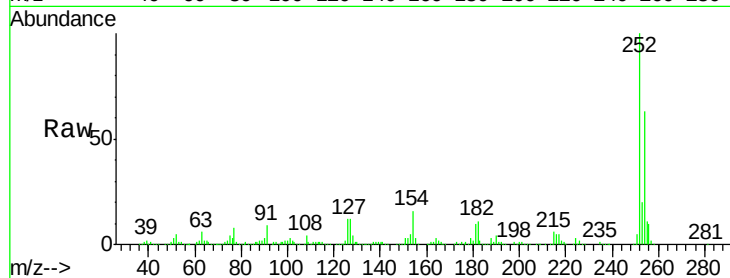




#81
 3,3'-Dichlorobenzidine
 Concen: 41.90 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

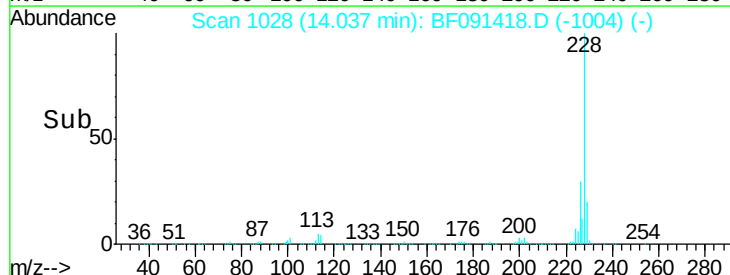
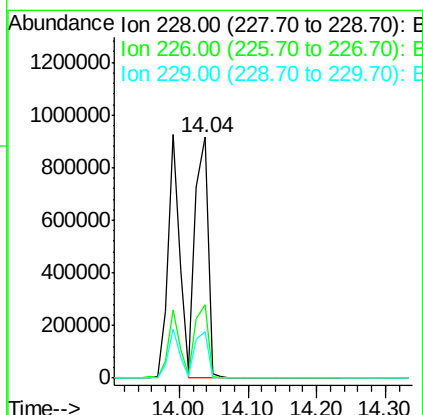
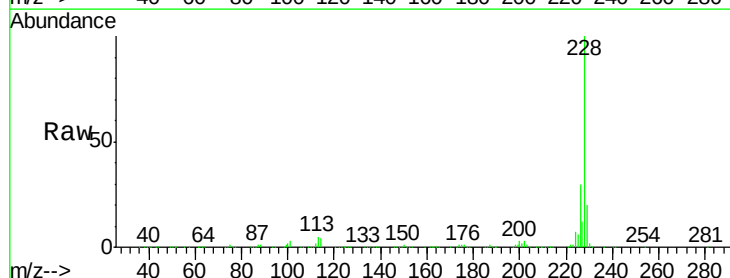
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

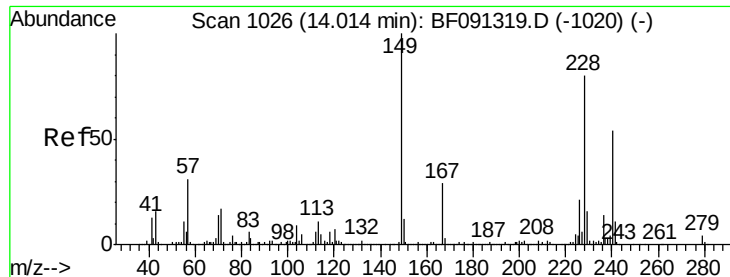
Tgt Ion: 252 Resp: 408019
 Ion Ratio Lower Upper
 252 100
 254 63.5 52.1 78.1
 126 11.9 7.5 11.3#



#82
 Chrysene
 Concen: 42.14 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

Tgt Ion: 228 Resp: 1152703
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.4
 229 19.5 16.0 24.0

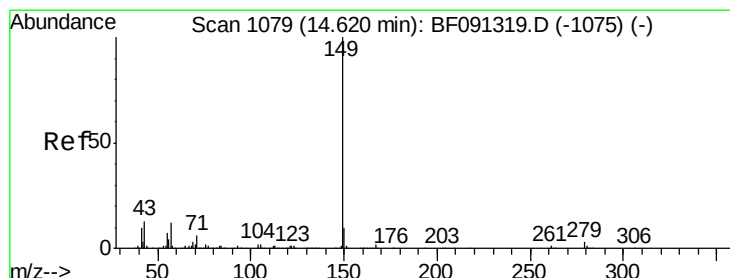
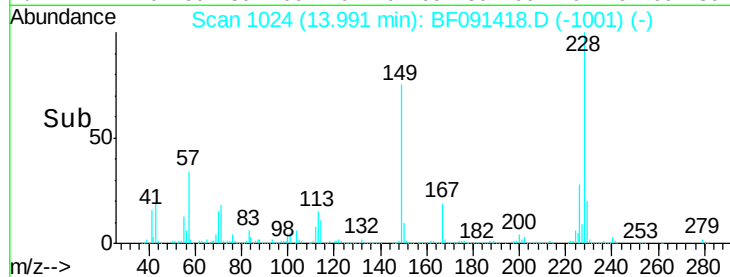
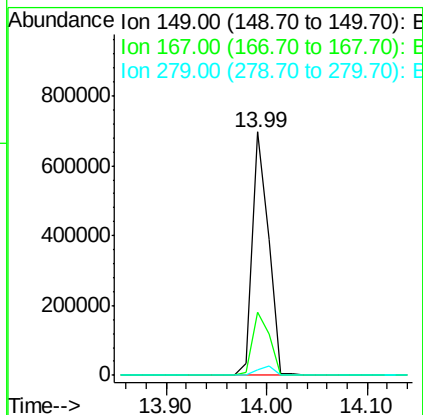
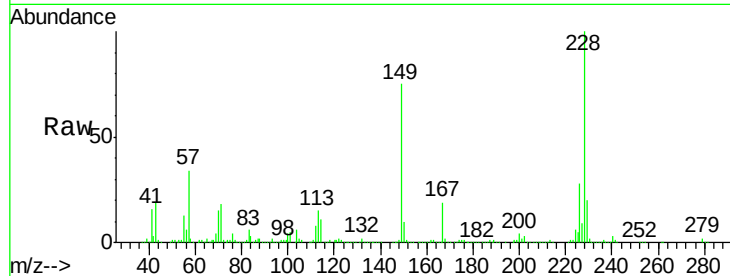




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.69 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

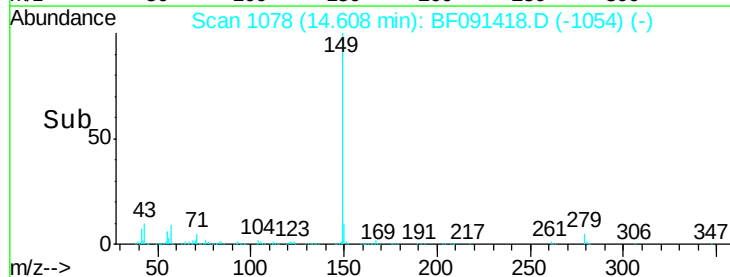
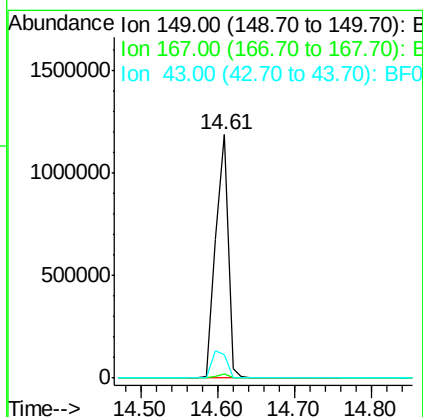
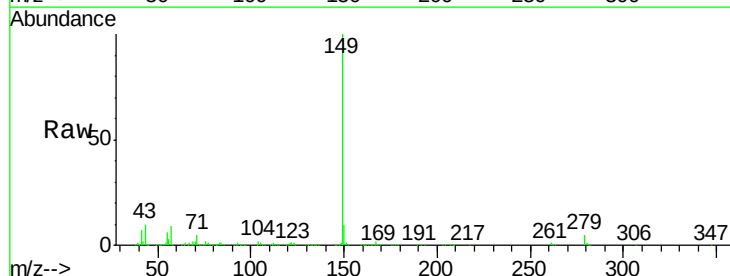
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

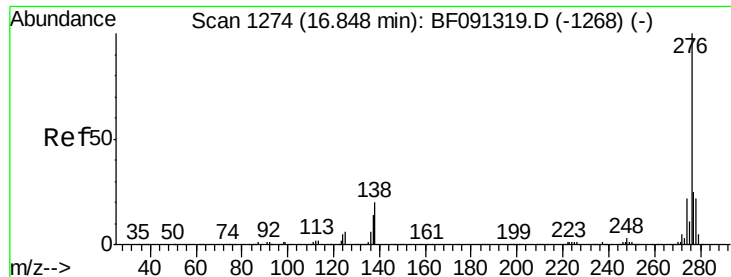
Tgt Ion:149 Resp: 777886
 Ion Ratio Lower Upper
 149 100
 167 25.7 19.6 29.4
 279 2.5 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 51.54 ng
 RT: 14.61 min Scan# 1078
 Delta R.T. -0.03 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

Tgt Ion:149 Resp: 1327966
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 13.4 11.9 17.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.44 ng

RT: 16.83 min Scan# 1272

Delta R.T. -0.06 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

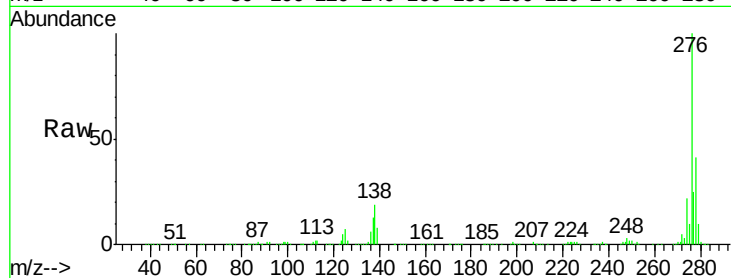
Tgt Ion: 276 Resp: 962796

Ion Ratio Lower Upper

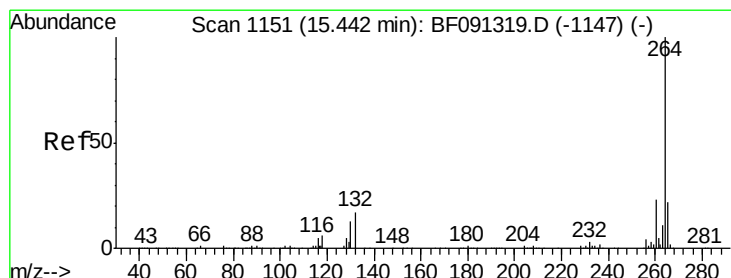
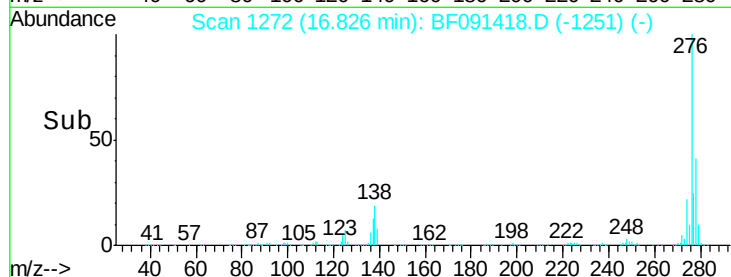
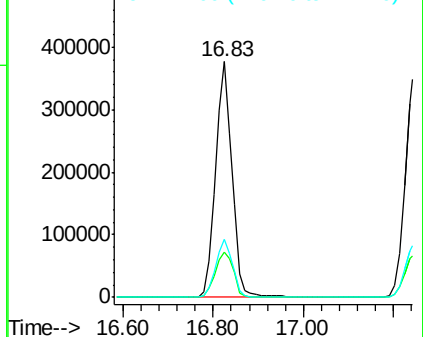
276 100

138 21.5 21.0 31.4

277 25.2 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1150

Delta R.T. -0.04 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

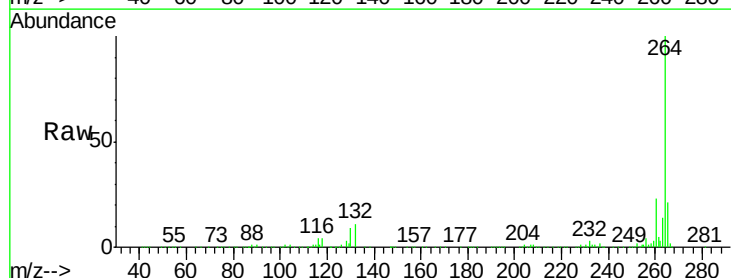
Tgt Ion: 264 Resp: 405808

Ion Ratio Lower Upper

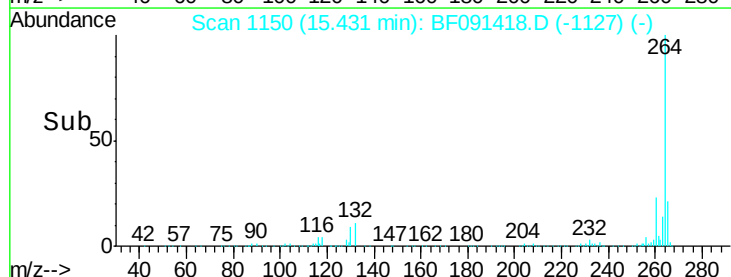
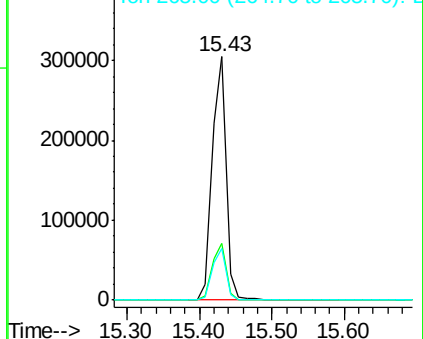
264 100

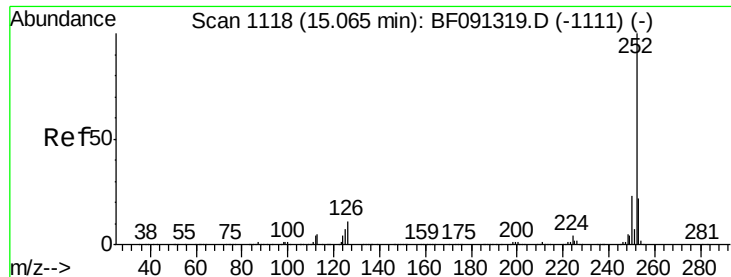
260 23.2 18.8 28.2

265 21.2 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

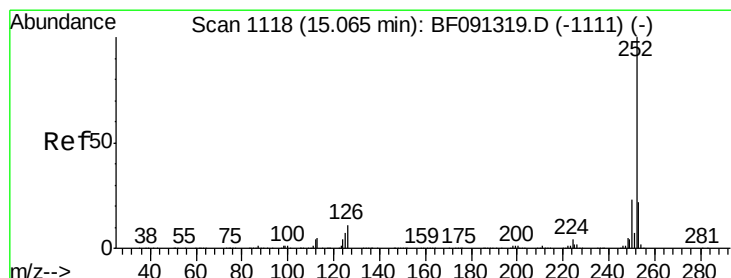
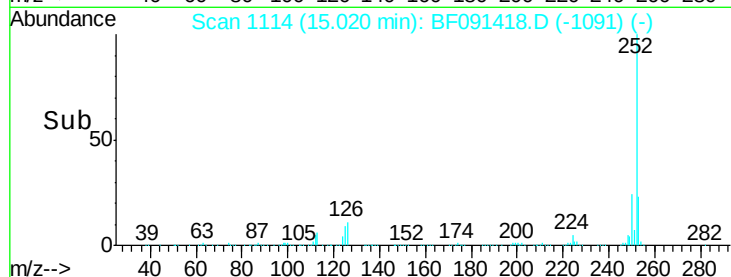
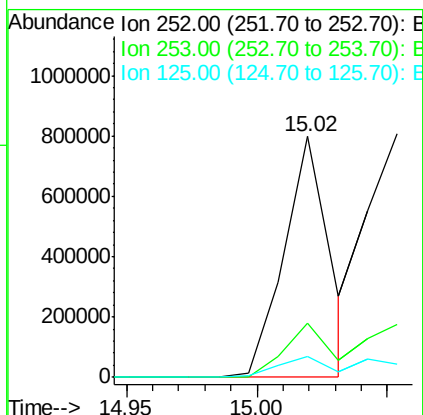
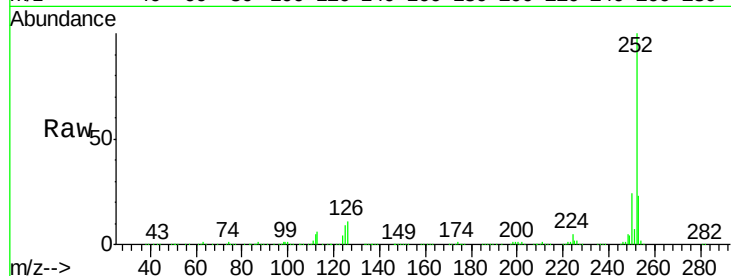




#87
Benzo(b)fluoranthene
Concen: 38.01 ng
RT: 15.02 min Scan# 1114
Delta R.T. -0.04 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

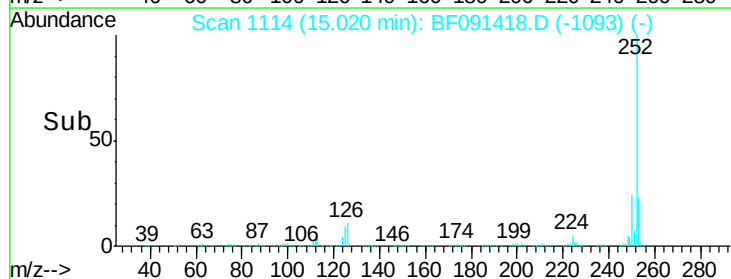
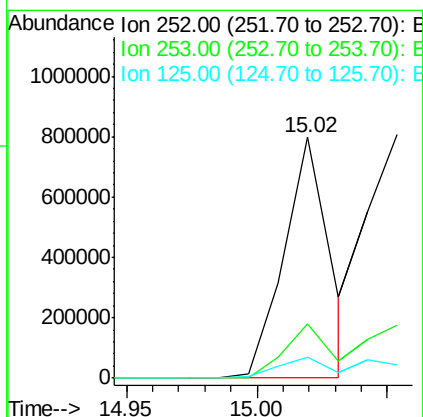
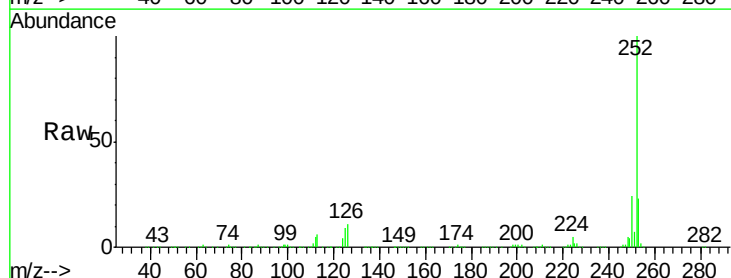
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

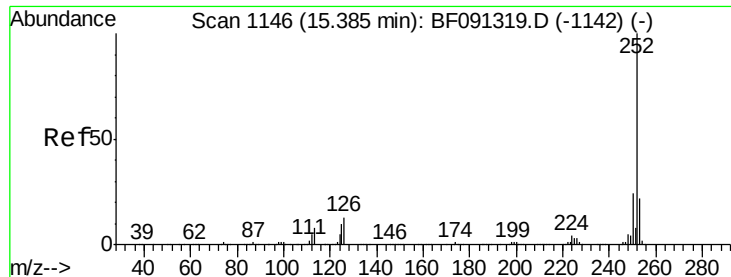
Tgt Ion: 252 Resp: 958753
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 8.8 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 45.20 ng
RT: 15.02 min Scan# 1114
Delta R.T. -0.06 min
Lab File: BF091418.D
Acq: 5 Dec 2016 14:20

Tgt Ion: 252 Resp: 958753
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 8.8 9.6 14.4#





#89

Benzo(a)pyrene

Concen: 40.61 ng

RT: 15.37 min Scan# 1145

Delta R.T. -0.04 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

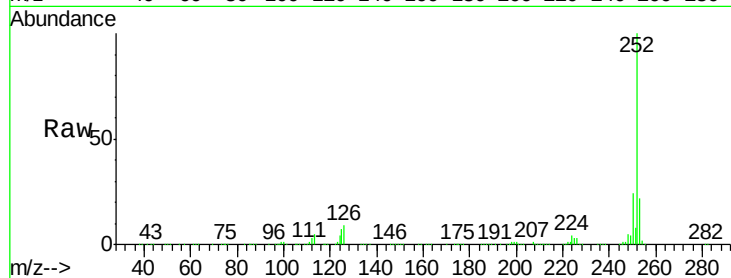
Tgt Ion:252 Resp: 919786

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

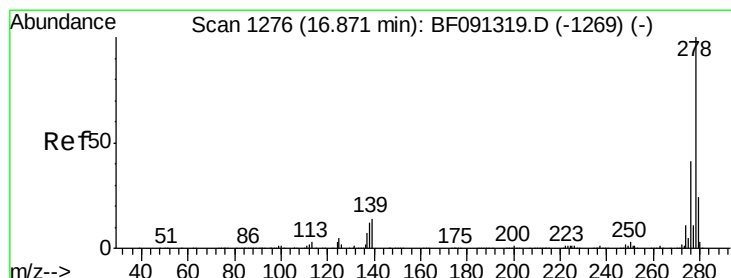
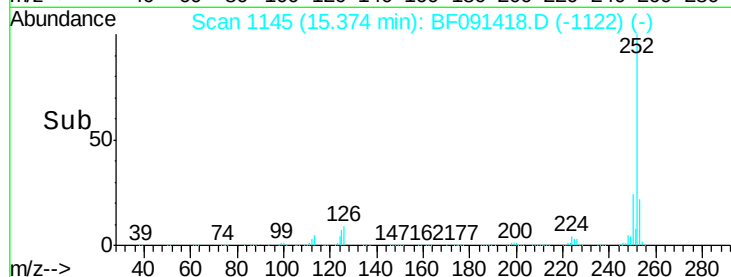
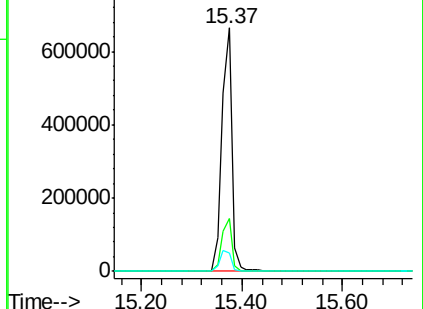
125 7.4 10.4 15.6#



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: 39.26 ng

RT: 16.85 min Scan# 1274

Delta R.T. -0.06 min

Lab File: BF091418.D

Acq: 5 Dec 2016 14:20

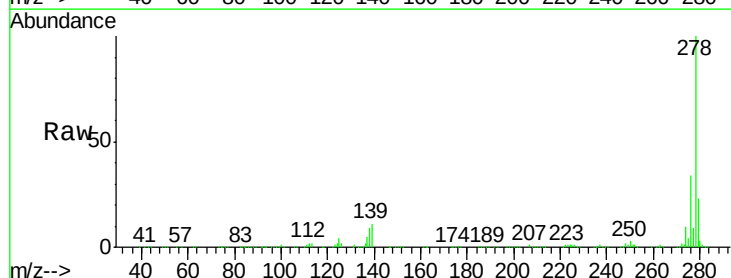
Tgt Ion:278 Resp: 822510

Ion Ratio Lower Upper

278 100

139 11.4 15.1 22.7#

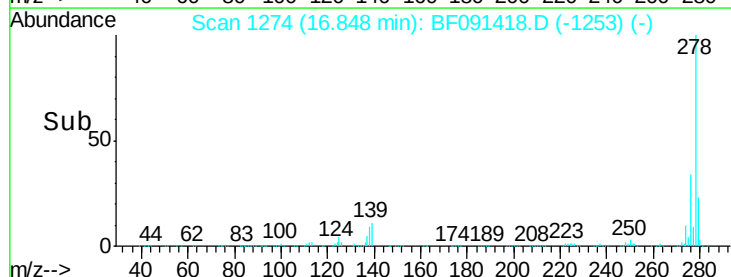
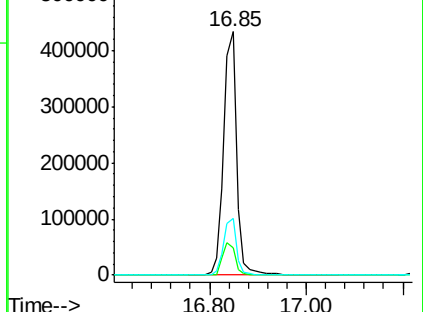
279 23.3 19.0 28.6

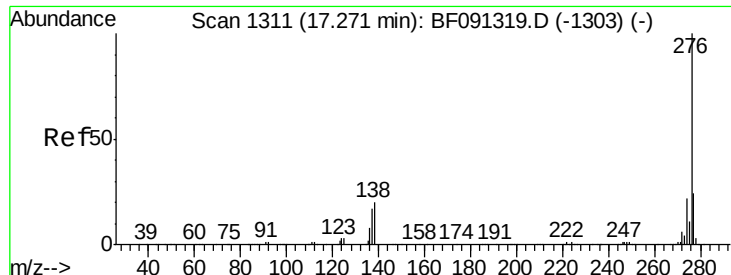


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

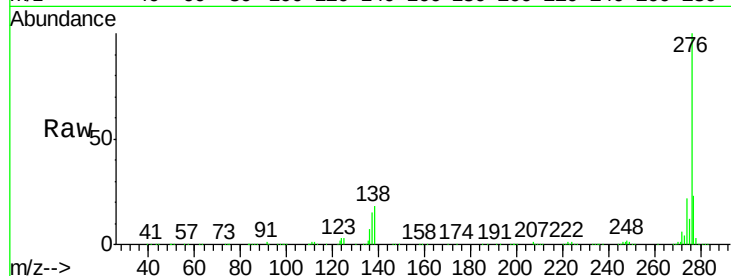




#91
 Benzo(g,h,i)perylene
 Concen: 38.32 ng
 RT: 17.25 min Scan# 1309
 Delta R.T. -0.06 min
 Lab File: BF091418.D
 Acq: 5 Dec 2016 14:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	17.7	15.4	23.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

