

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
 Data File : BF087118.D
 Acq On : 17 May 2016 22:56
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 18 01:50:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	140792	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	599113	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	293823	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	536056	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	401264	20.00	ng	-0.02
86) Perylene-d12	15.10	264	352299	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	650309	77.64	ng	-0.02
7) Phenol-d6	6.26	99	797793	71.01	ng	-0.02
23) Nitrobenzene-d5	7.18	82	936095	77.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	224140	69.03	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	1364450	76.91	ng	-0.02
78) Terphenyl-d14	12.70	244	1475238	83.17	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.02	88	165793	38.48	ng	# 74
3) Pyridine	2.65	79	405028	38.86	ng	# 66
4) n-Nitrosodimethylamine	2.62	42	280836	38.02	ng	# 51
6) Aniline	6.26	93	512674	35.93	ng	# 89
8) 2-Chlorophenol	6.39	128	381196	37.40	ng	97
9) Benzaldehyde	6.14	77	203806	31.85	ng	98
10) Phenol	6.27	94	507949	35.97	ng	74
11) bis(2-Chloroethyl)ether	6.34	93	411823	38.84	ng	91
12) 1,3-Dichlorobenzene	6.52	146	397172	36.66	ng	# 89
13) 1,4-Dichlorobenzene	6.60	146	407441	36.76	ng	# 92
14) 1,2-Dichlorobenzene	6.76	146	386247	39.80	ng	99
15) Benzyl Alcohol	6.75	79	311452	37.24	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	6.88	45	850939	39.03	ng	69
17) 2-Methylphenol	6.88	107	297919	35.59	ng	# 74
18) Hexachloroethane	7.10	117	155834	36.77	ng	94
19) n-Nitroso-di-n-propylamine	7.03	70	317078	37.13	ng	# 68
20) 3+4-Methylphenols	7.04	107	421269	38.16	ng	# 61
22) Acetophenone	7.02	105	570187	38.89	ng	# 95
24) Nitrobenzene	7.19	77	441990	33.67	ng	93
25) Isophorone	7.43	82	813293	36.96	ng	97
26) 2-Nitrophenol	7.51	139	218438	40.17	ng	# 80
27) 2,4-Dimethylphenol	7.56	122	347210	37.42	ng	88
28) bis(2-Chloroethoxy)methane	7.64	93	453781	37.56	ng	# 98
29) 2,4-Dichlorophenol	7.76	162	320901	39.25	ng	97
30) 1,2,4-Trichlorobenzene	7.83	180	341003	37.58	ng	95
31) Naphthalene	7.91	128	1181099	40.35	ng	100
32) Benzoic acid	7.72	122	177580	32.11	ng	# 79
33) 4-Chloroaniline	7.96	127	426635	35.07	ng	# 85
34) Hexachlorobutadiene	8.02	225	196550	38.17	ng	98
35) Caprolactam	8.35	113	111024	40.78	ng	# 47
36) 4-Chloro-3-methylphenol	8.47	107	365762	37.08	ng	# 84
37) 2-Methylnaphthalene	8.70	142	713480	38.10	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	343480	40.02	ng	98
40) Hexachlorocyclopentadiene	8.74	237	94122	33.47	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

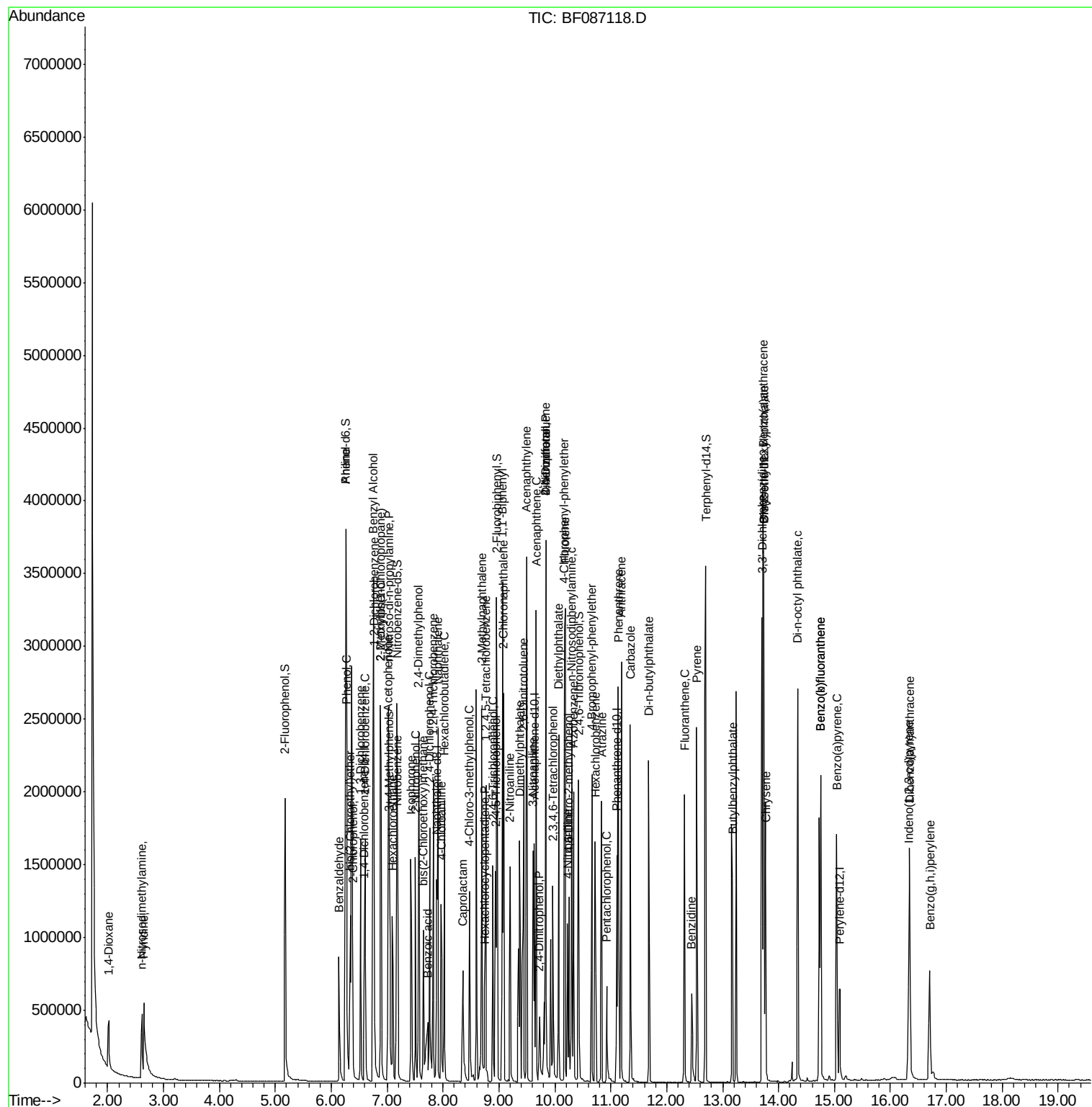
42) 2,4,6-Trichlorophenol	8.89	196	211901	38.07	ng	91
43) 2,4,5-Trichlorophenol	8.94	196	217457	37.61	ng #	92
45) 1,1'-Biphenyl	9.06	154	944624	38.77	ng	97
46) 2-Chloronaphthalene	9.08	162	706906	37.79	ng	95
47) 2-Nitroaniline	9.20	65	289143	40.34	ng	89
48) Acenaphthylene	9.50	152	1099397	38.49	ng	99
49) Dimethylphthalate	9.37	163	866311	38.65	ng	99
50) 2,6-Dinitrotoluene	9.44	165	185925	38.20	ng #	85
51) Acenaphthene	9.67	154	706714	39.61	ng	98
52) 3-Nitroaniline	9.61	138	208983	39.67	ng	88
53) 2,4-Dinitrophenol	9.72	184	81794	32.33	ng	92
54) Dibenzofuran	9.84	168	888070	38.49	ng	96
55) 4-Nitrophenol	9.84	139	499441	105.02	ng #	19
56) 2,4-Dinitrotoluene	9.84	165	209739	33.65	ng #	45
57) Fluorene	10.18	166	779454	42.05	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	164986	36.64	ng	97
59) Diethylphthalate	10.07	149	773644	36.16	ng	100
60) 4-Chlorophenyl-phenylether	10.17	204	328150	37.34	ng	95
61) 4-Nitroaniline	10.23	138	217415	41.79	ng #	78
62) Azobenzene	10.33	77	864952	35.08	ng	83
64) 4,6-Dinitro-2-methylphenol	10.25	198	129401	36.65	ng #	38
65) n-Nitrosodiphenylamine	10.30	169	607669	36.02	ng	100
66) 4-Bromophenyl-phenylether	10.66	248	218188	39.58	ng	94
67) Hexachlorobenzene	10.72	284	244320	38.23	ng #	64
68) Atrazine	10.83	200	188926	34.33	ng	95
69) Pentachlorophenol	10.93	266	95540	39.79	ng	97
70) Phenanthrene	11.13	178	1024375	35.23	ng	99
71) Anthracene	11.19	178	1215445	41.33	ng	100
72) Carbazole	11.35	167	945060	35.18	ng	99
73) Di-n-butylphthalate	11.68	149	1176422	38.13	ng #	98
74) Fluoranthene	12.32	202	1176612	40.39	ng	91
76) Benzidine	12.45	184	301738	23.61	ng	98
77) Pyrene	12.54	202	1090457	37.62	ng	100
79) Butylbenzylphthalate	13.18	149	526191	43.00	ng	98
80) Benzo(a)anthracene	13.73	228	881163	37.98	ng	100
81) 3,3'-Dichlorobenzidine	13.70	252	656138	44.44	ng	98
82) Chrysene	13.77	228	910005	40.54	ng	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	674040	45.26	ng #	99
84) Di-n-octyl phthalate	14.34	149	1152699	44.93	ng #	83
85) Indeno(1,2,3-cd)pyrene	16.33	276	749403	38.03	ng	95
87) Benzo(b)fluoranthene	14.75	252	1634470	69.93	ng #	96
88) Benzo(k)fluoranthene	14.75	252	1634921	93.96	ng	99
89) Benzo(a)pyrene	15.04	252	733720	37.56	ng	98
90) Dibenzo(a,h)anthracene	16.34	278	626188	38.07	ng	96
91) Benzo(g,h,i)perylene	16.71	276	623740	37.54	ng #	90

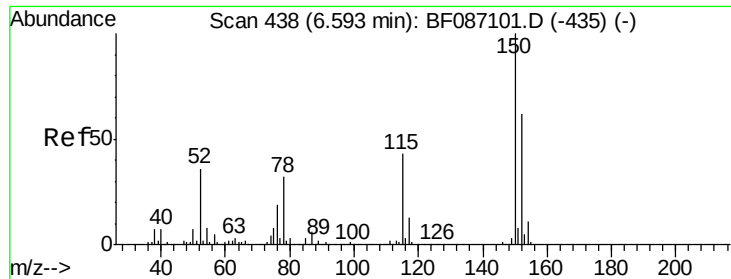
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

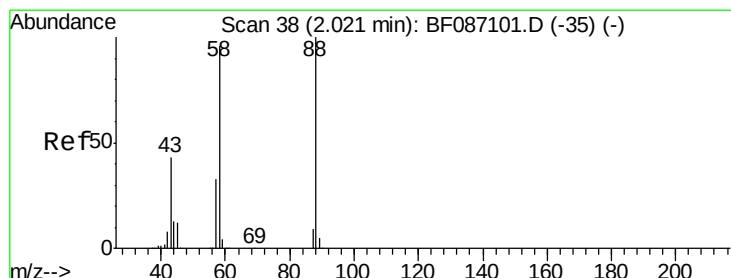
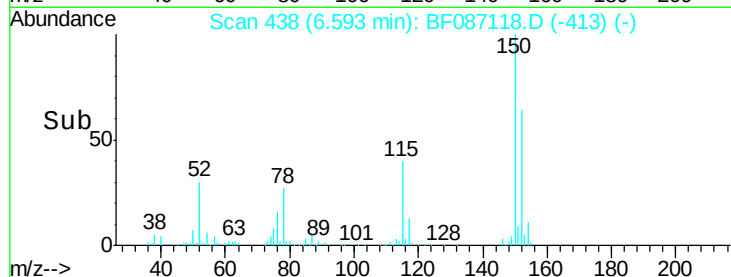
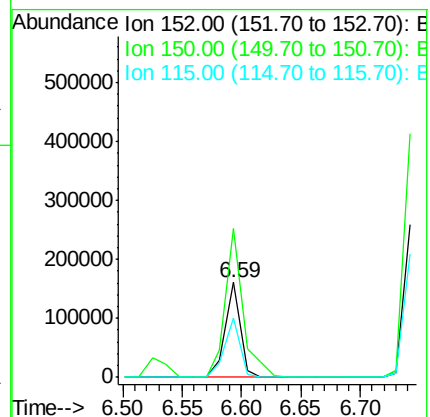
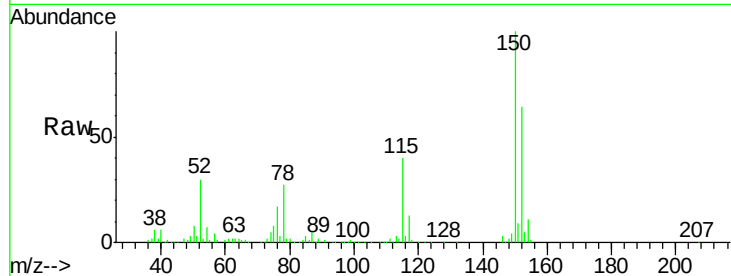
Tgt Ion:152 Resp: 140792

Ion Ratio Lower Upper

152 100

150 157.1 125.8 188.6

115 63.1 51.5 77.3



#2

1,4-Dioxane

Concen: 38.48 ng

RT: 2.02 min Scan# 38

Delta R.T. -0.03 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

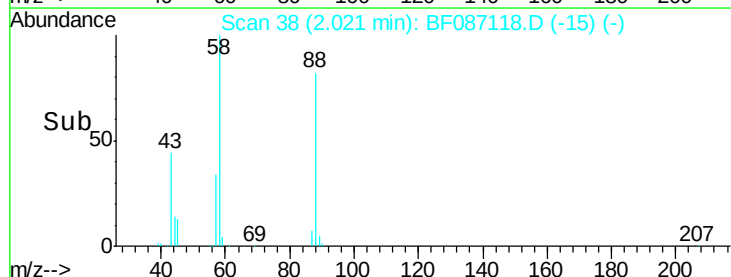
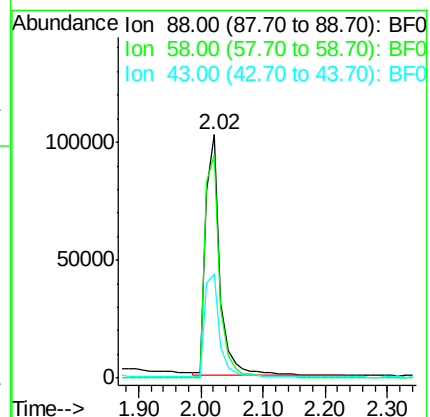
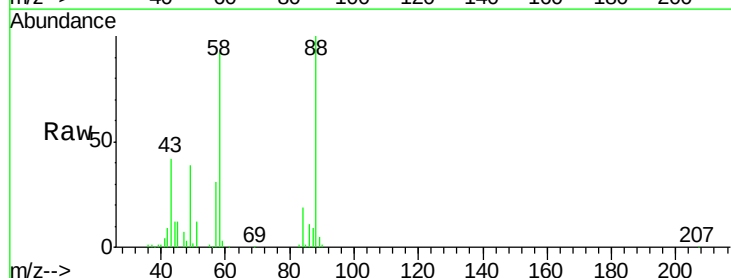
Tgt Ion: 88 Resp: 165793

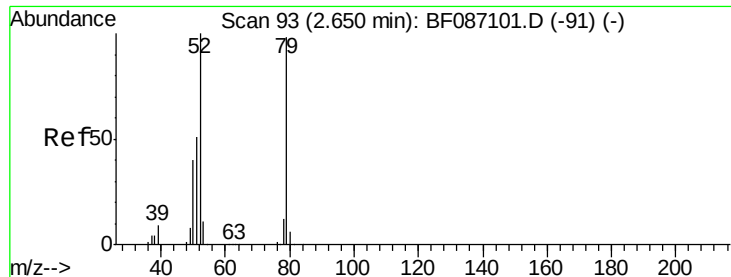
Ion Ratio Lower Upper

88 100

58 95.3 59.6 89.4#

43 43.3 21.8 32.6#





#3

Pyridine

Concen: 38.86 ng

RT: 2.65 min Scan# 93

Delta R.T. -0.03 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

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SSTDCCC040

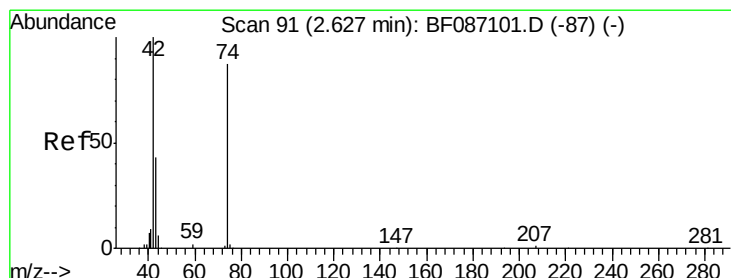
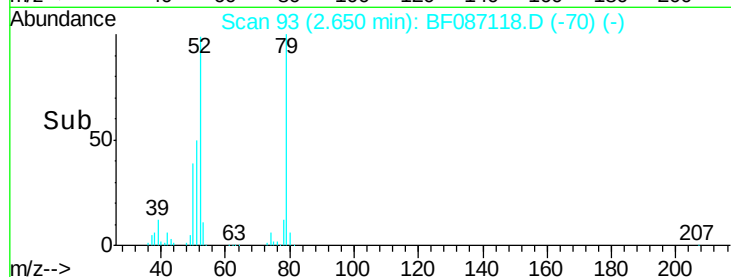
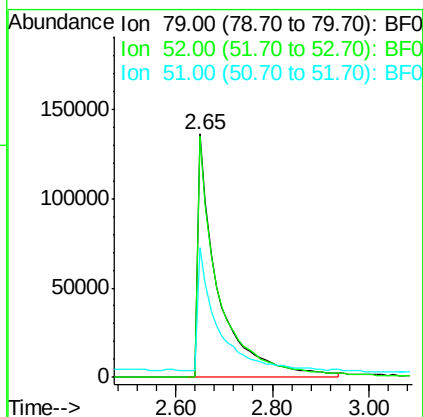
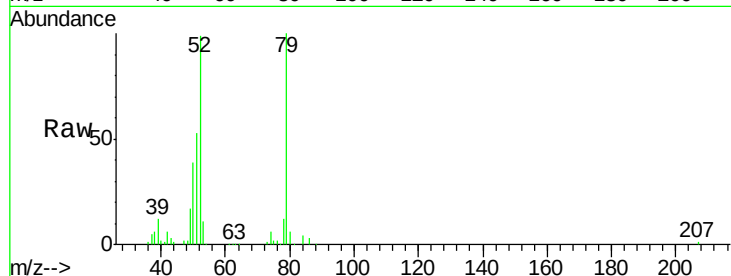
Tgt Ion: 79 Resp: 405028

Ion Ratio Lower Upper

79 100

52 99.0 55.9 83.9#

51 53.4 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 38.02 ng

RT: 2.62 min Scan# 90

Delta R.T. -0.05 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

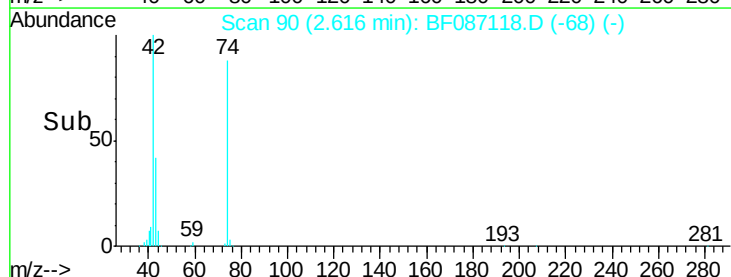
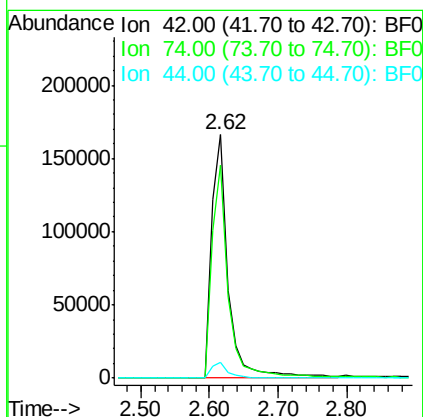
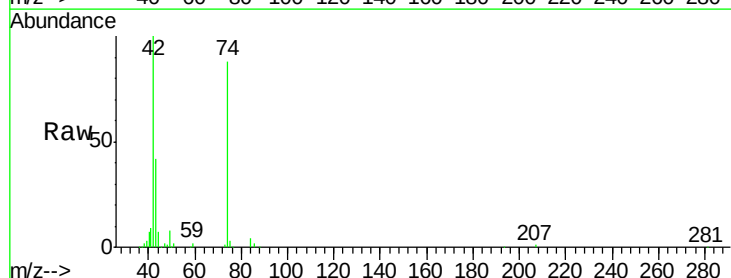
Tgt Ion: 42 Resp: 280836

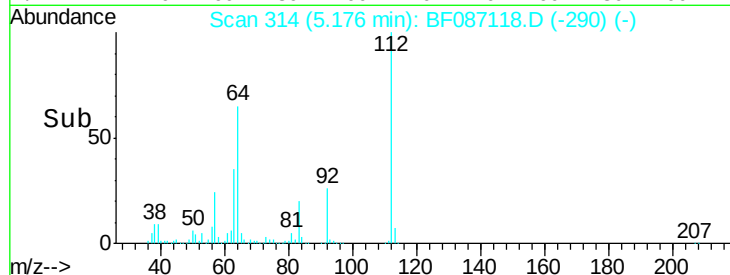
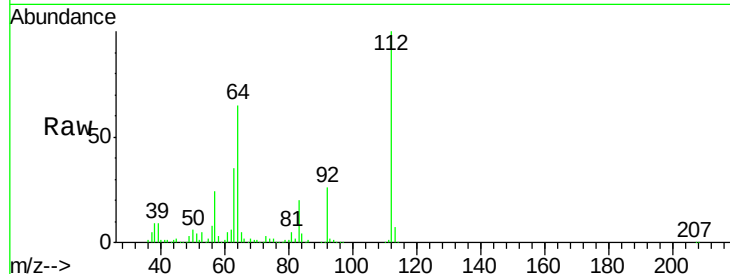
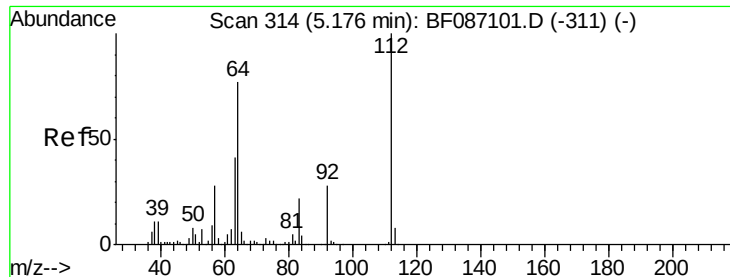
Ion Ratio Lower Upper

42 100

74 87.5 123.4 185.0#

44 6.7 5.8 8.6





#5

2-Fluorophenol

Concen: 77.64 ng

RT: 5.18 min Scan# 314

Delta R.T. -0.02 min

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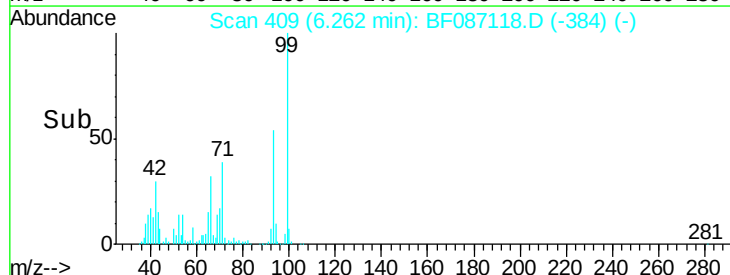
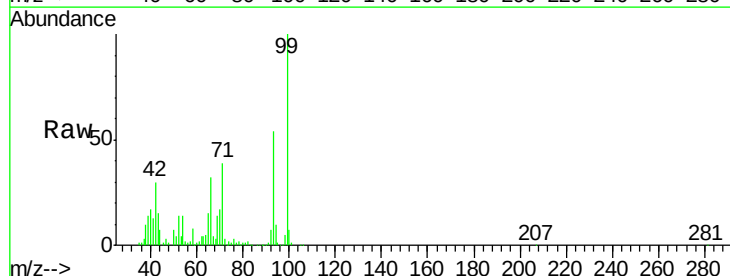
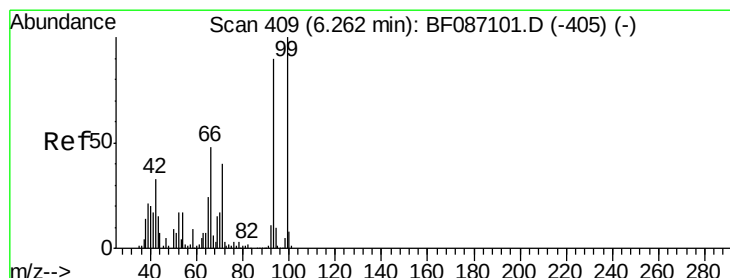
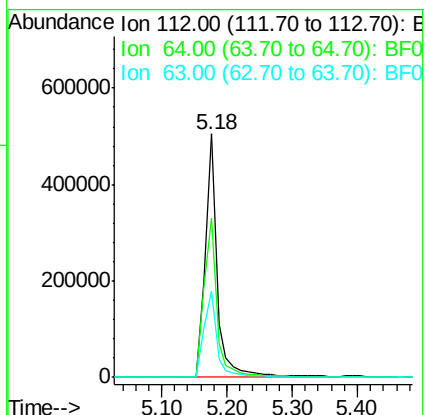
Tgt Ion:112 Resp: 650309

Ion Ratio Lower Upper

112 100

64 65.3 52.1 78.1

63 35.2 25.7 38.5



#6

Aniline

Concen: 35.93 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

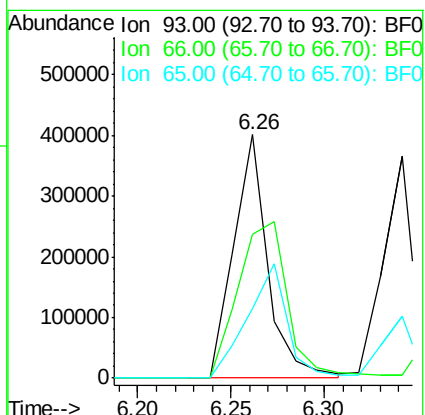
Tgt Ion: 93 Resp: 512674

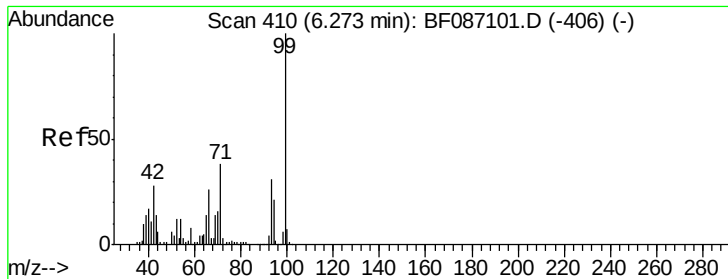
Ion Ratio Lower Upper

93 100

66 58.8 39.0 58.6#

65 28.4 20.6 31.0





#7

Phenol-d6

Concen: 71.01 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

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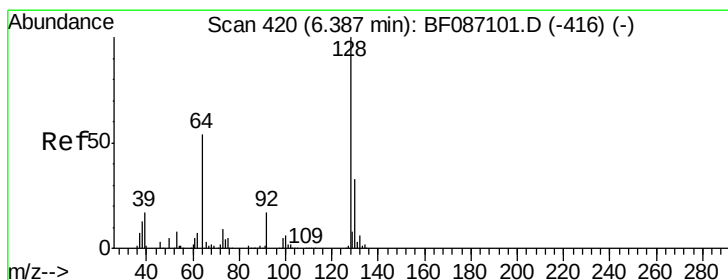
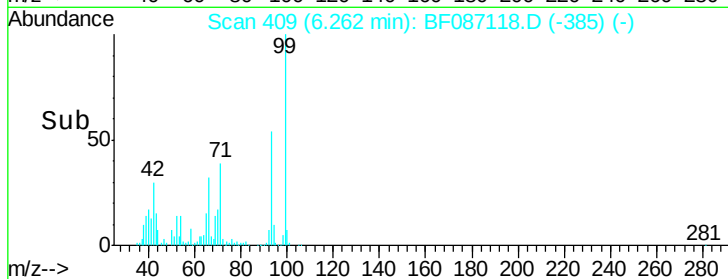
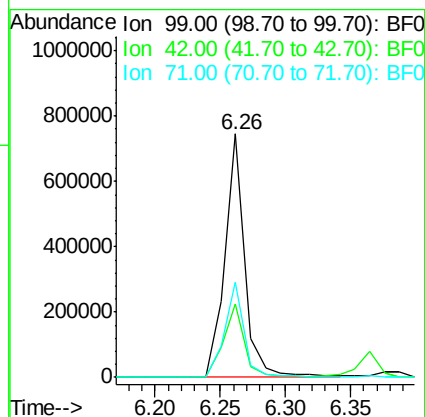
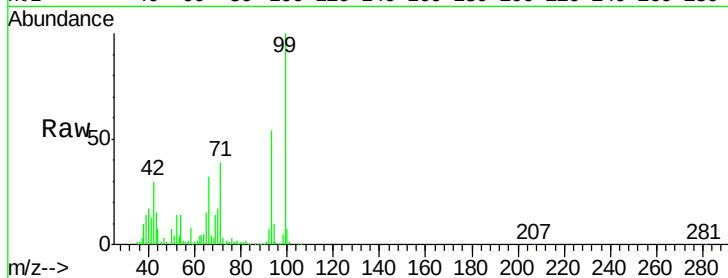
Tgt Ion: 99 Resp: 797793

Ion Ratio Lower Upper

99 100

42 30.4 13.6 20.4#

71 39.0 24.6 36.8#



#8

2-Chlorophenol

Concen: 37.40 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

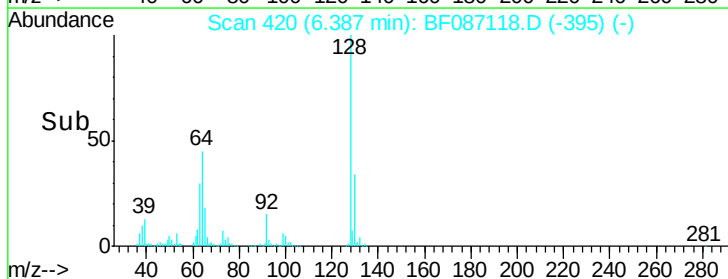
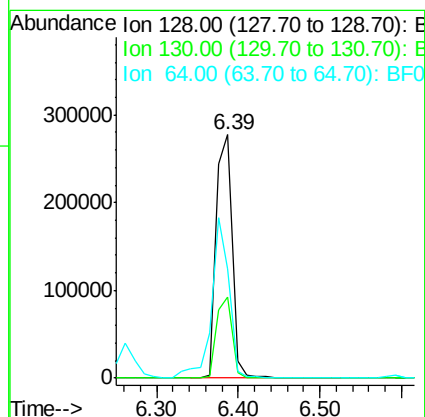
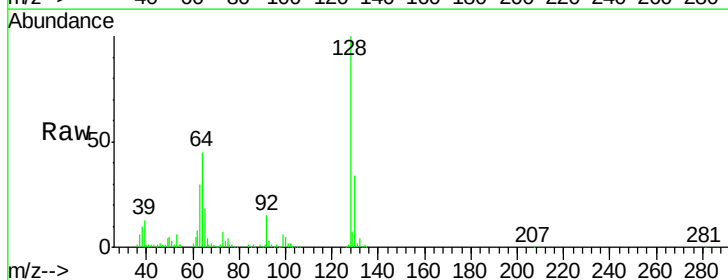
Tgt Ion: 128 Resp: 381196

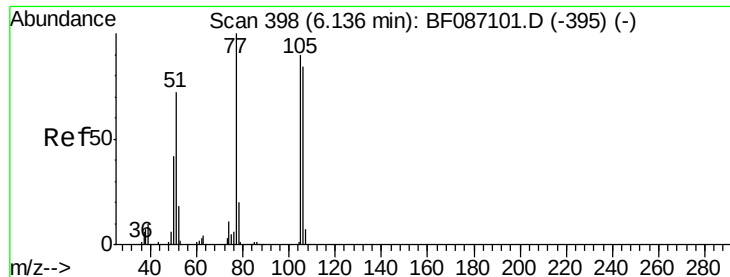
Ion Ratio Lower Upper

128 100

130 33.5 12.5 52.5

64 45.1 27.3 67.3





#9

Benzaldehyde

Concen: 31.85 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF087118.D

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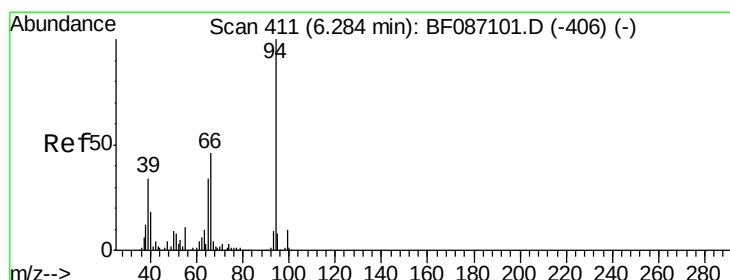
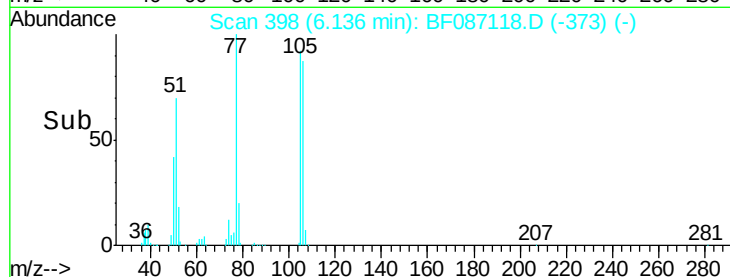
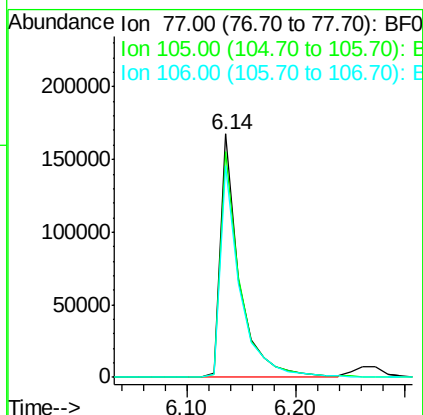
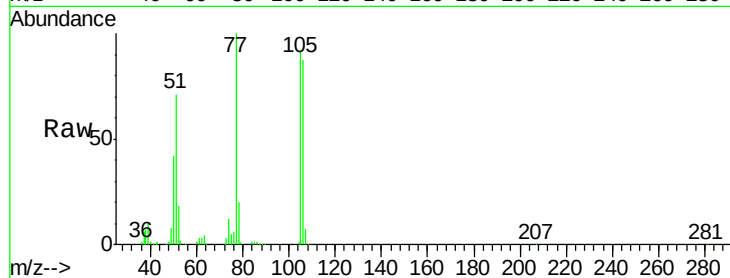
Tgt Ion: 77 Resp: 203806

Ion Ratio Lower Upper

77 100

105 92.5 72.7 112.7

106 86.9 70.8 110.8



#10

Phenol

Concen: 35.97 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

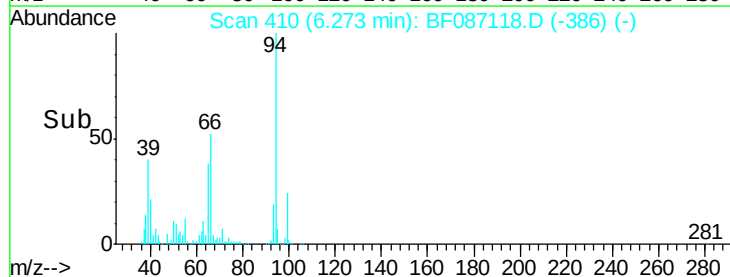
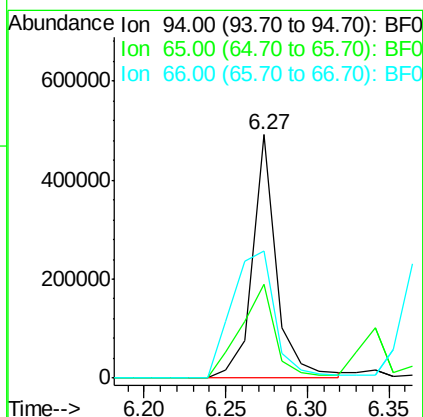
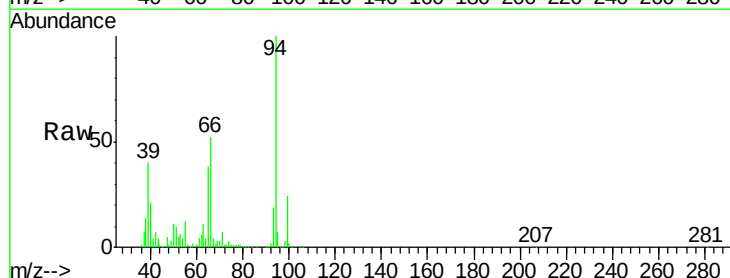
Tgt Ion: 94 Resp: 507949

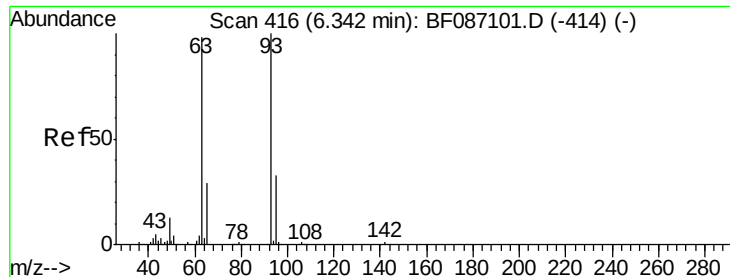
Ion Ratio Lower Upper

94 100

65 38.3 7.2 47.2

66 52.3 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 38.84 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

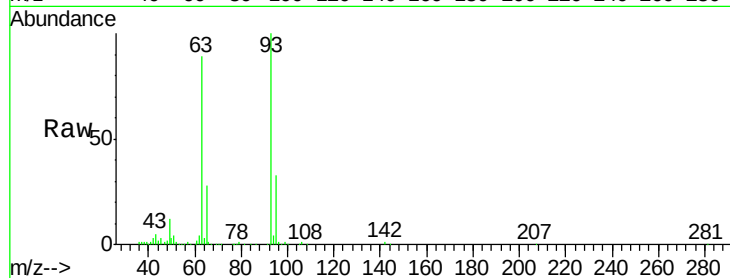
Tgt Ion: 93 Resp: 411823

Ion Ratio Lower Upper

93 100

63 88.6 58.0 98.0

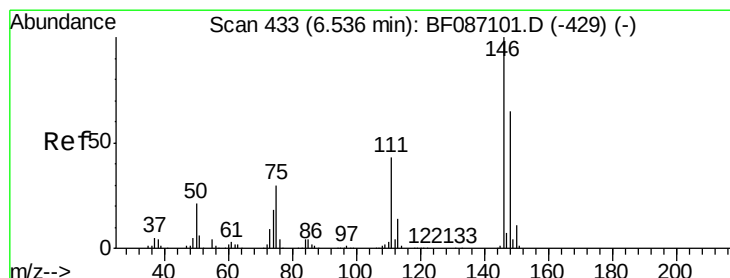
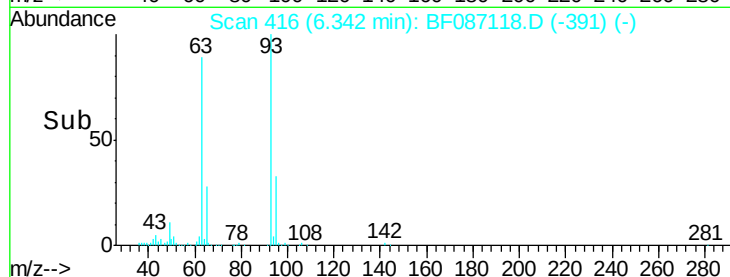
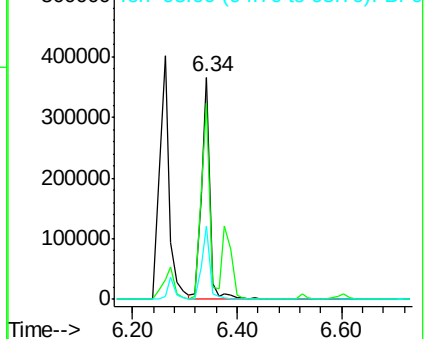
95 32.9 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.66 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

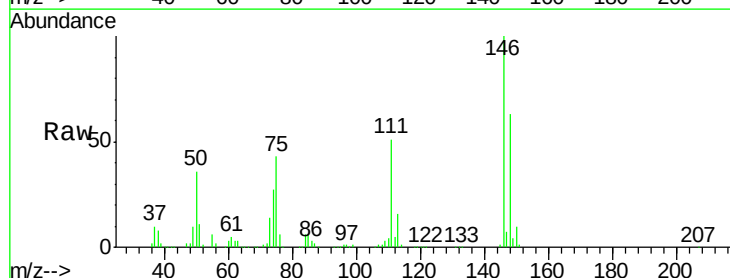
Tgt Ion: 146 Resp: 397172

Ion Ratio Lower Upper

146 100

148 63.0 52.4 78.6

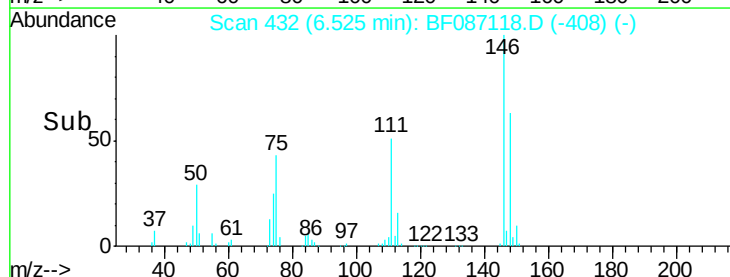
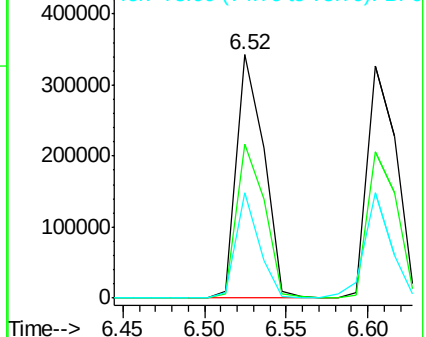
75 43.5 22.8 34.2#

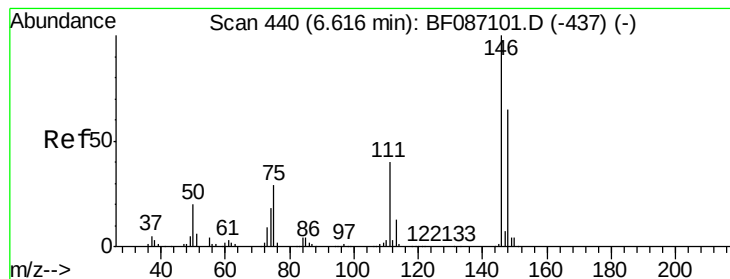


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 36.76 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

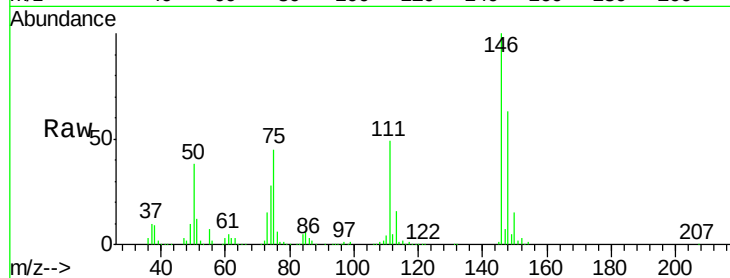
Tgt Ion:146 Resp: 407441

Ion Ratio Lower Upper

146 100

148 63.0 52.2 78.4

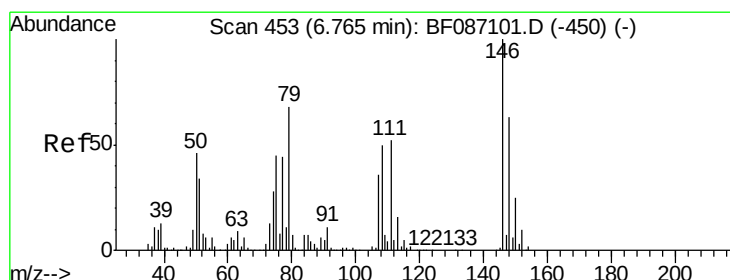
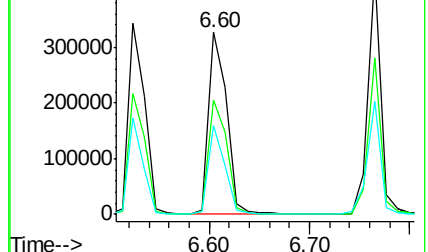
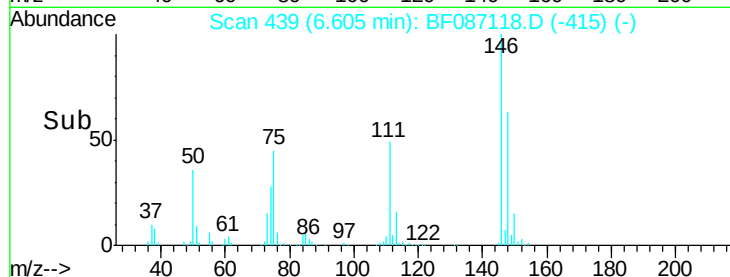
111 49.1 30.7 46.1#



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: 39.80 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

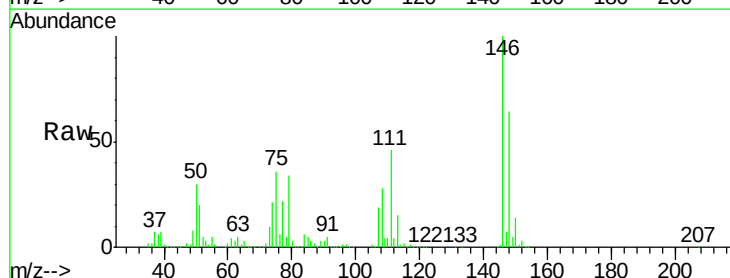
Tgt Ion:146 Resp: 386247

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

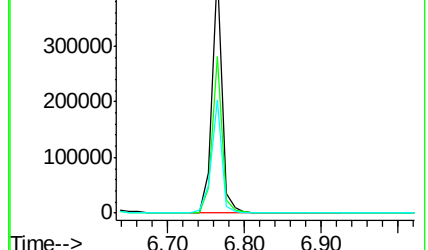
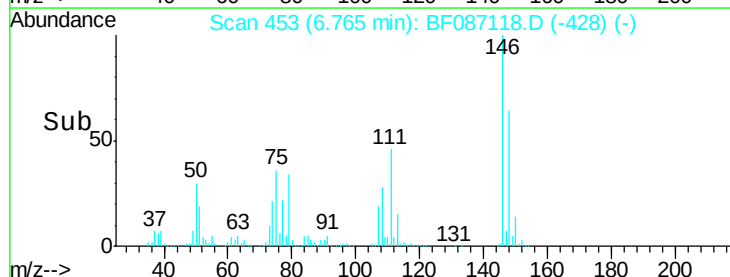
111 46.4 36.2 54.4

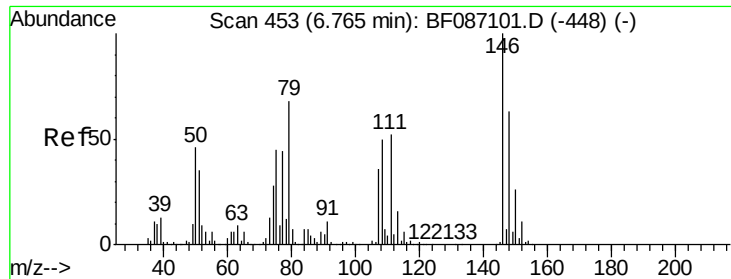


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.24 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

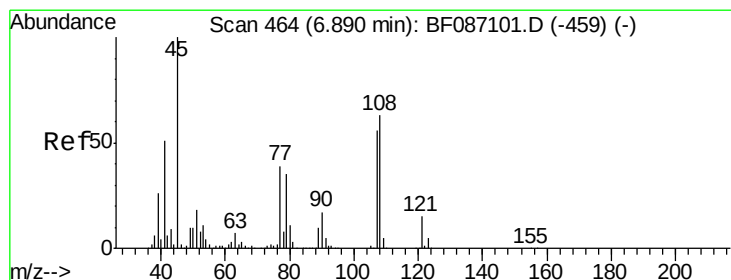
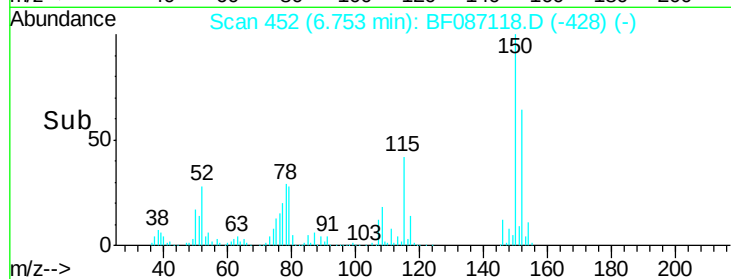
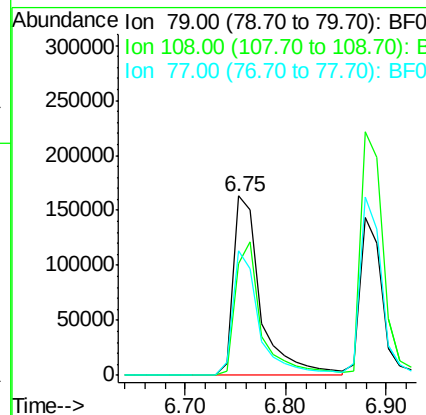
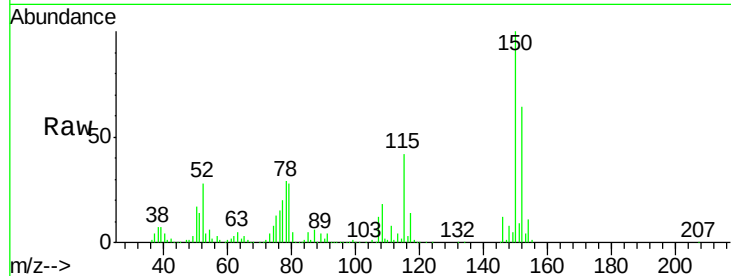
Tgt Ion: 79 Resp: 311452

Ion Ratio Lower Upper

79 100

108 62.2 68.4 102.6#

77 69.1 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.03 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

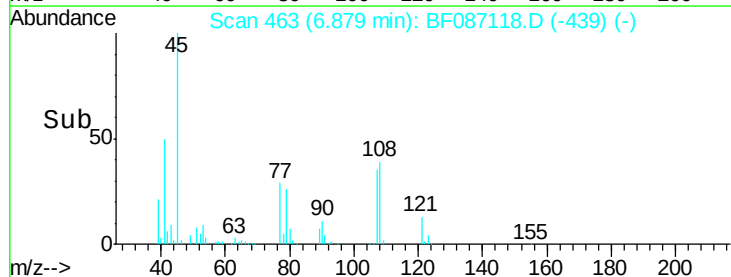
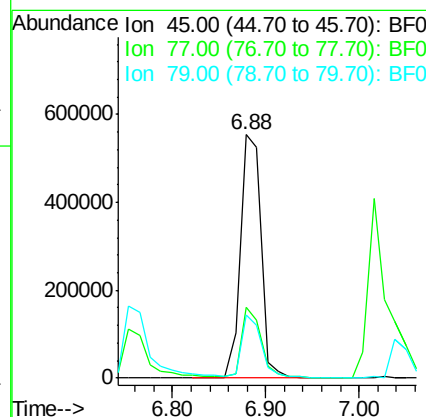
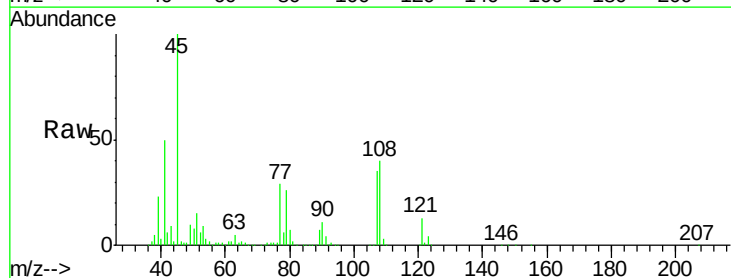
Tgt Ion: 45 Resp: 850939

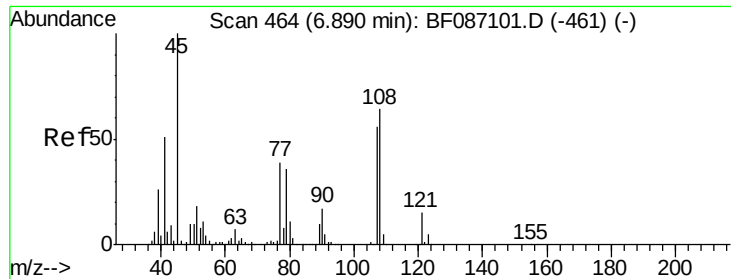
Ion Ratio Lower Upper

45 100

77 29.3 0.0 36.4

79 25.9 0.0 33.4





#17

2-Methylphenol

Concen: 35.59 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 297919

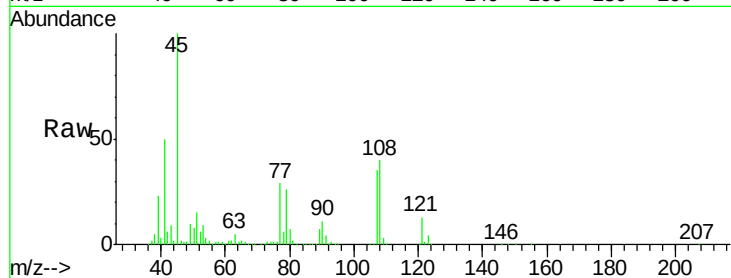
Ion Ratio Lower Upper

107 100

108 114.9 93.7 140.5

77 84.2 33.4 50.0#

79 74.4 34.3 51.5#



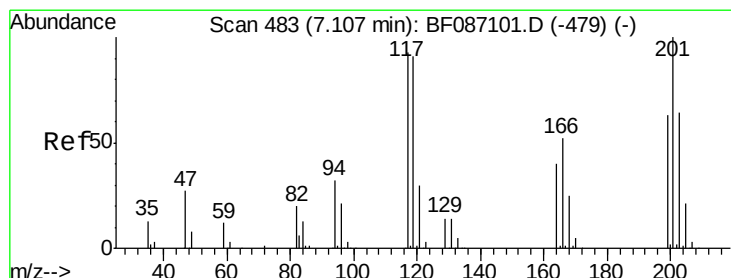
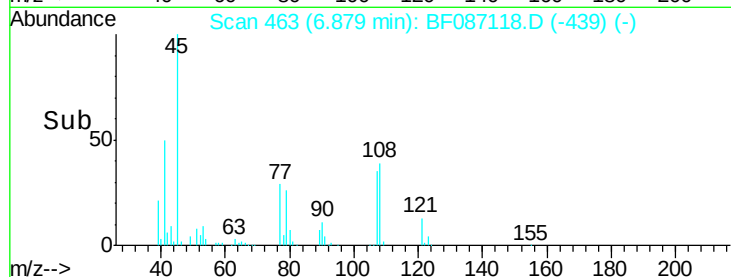
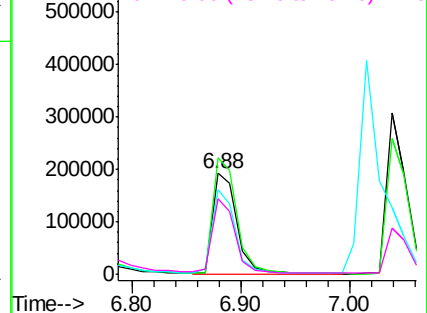
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.77 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

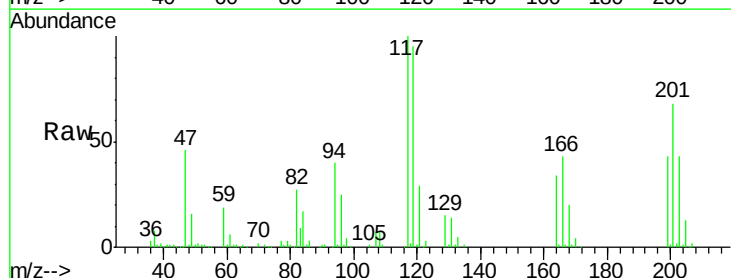
Tgt Ion:117 Resp: 155834

Ion Ratio Lower Upper

117 100

119 94.6 76.5 114.7

201 68.3 63.0 94.6

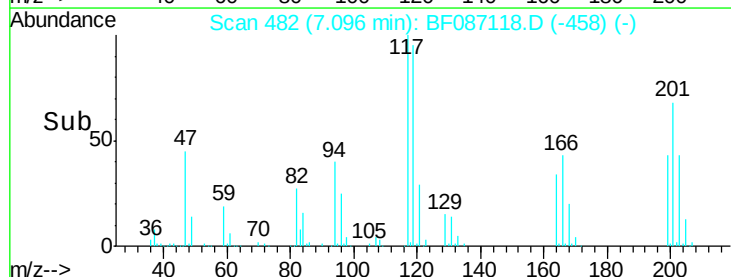
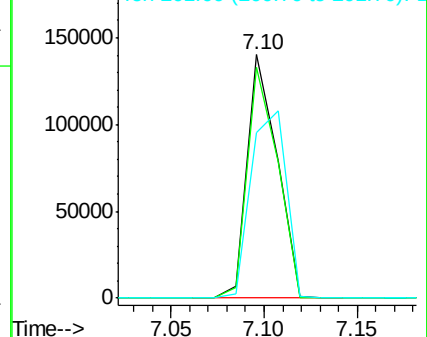


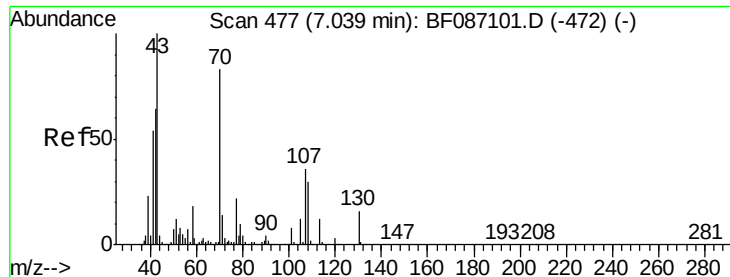
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

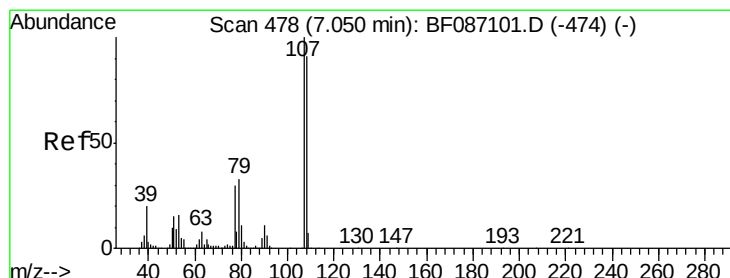
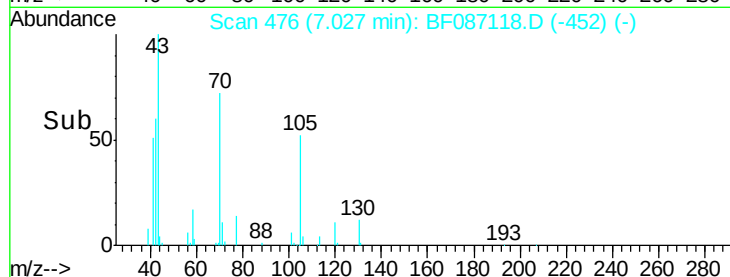
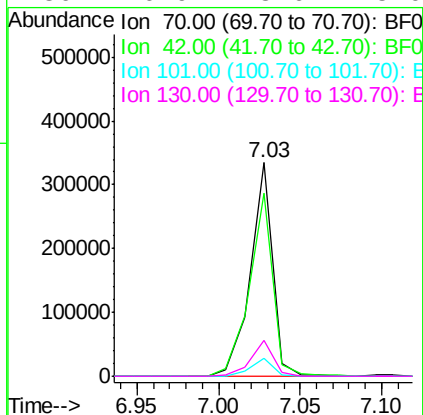
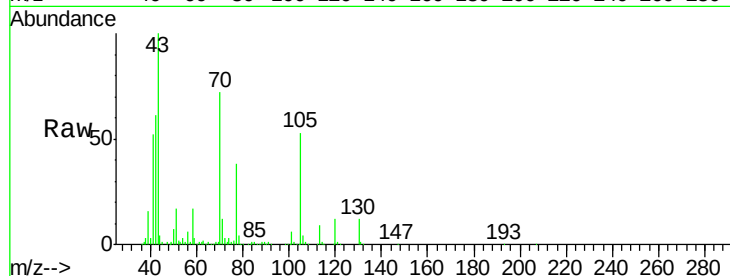




#19
n-Nitroso-di-n-propylamine
Concen: 37.13 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF087118.D
Acq: 17 May 2016 22:56

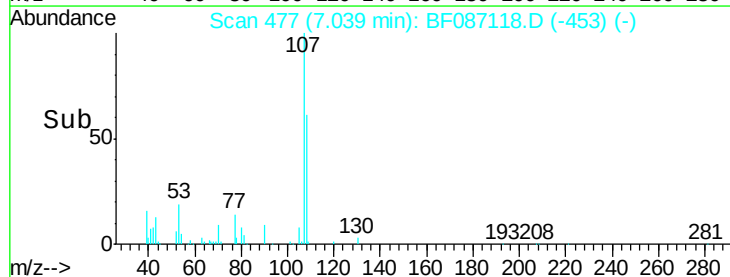
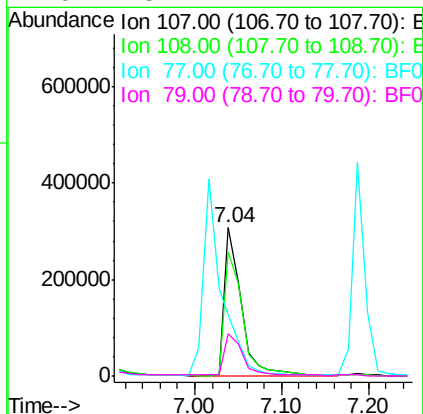
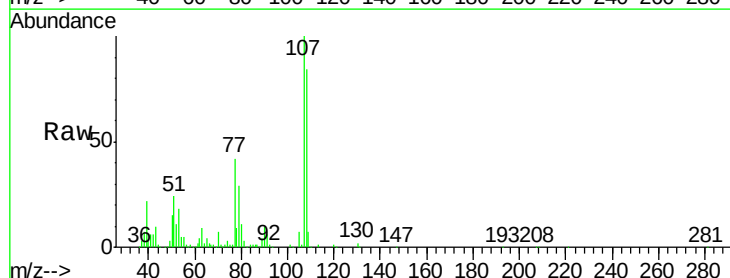
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

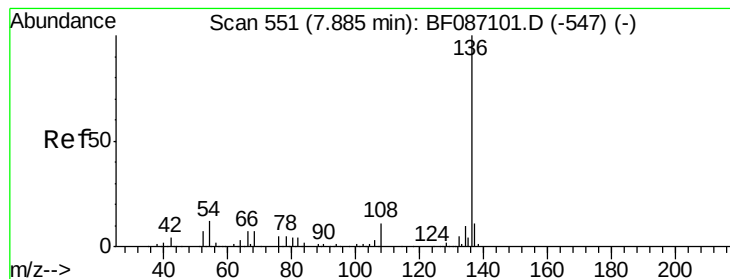
Tgt Ion: 70 Resp: 317078
Ion Ratio Lower Upper
70 100
42 85.9 43.1 64.7#
101 8.6 8.1 12.1
130 16.9 18.6 28.0#



#20
3+4-Methylphenols
Concen: 38.16 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF087118.D
Acq: 17 May 2016 22:56

Tgt Ion: 107 Resp: 421269
Ion Ratio Lower Upper
107 100
108 83.9 68.5 108.5
77 41.7 101.6 141.6#
79 28.7 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 599113

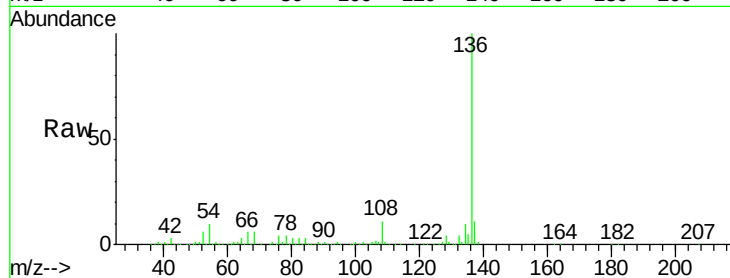
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.3 5.0 7.4#

68 5.6 4.4 6.6

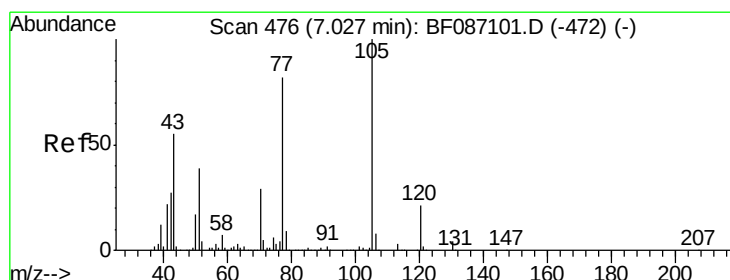
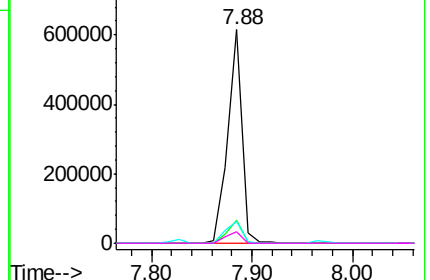
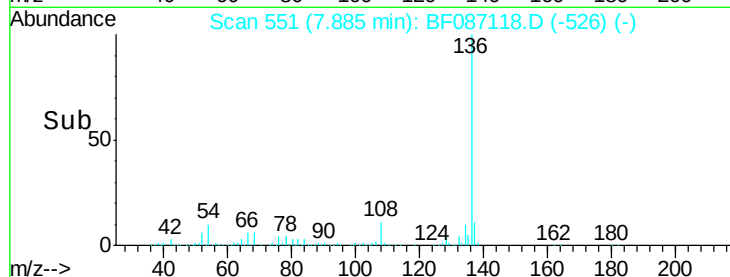


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.89 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Tgt Ion:105 Resp: 570187

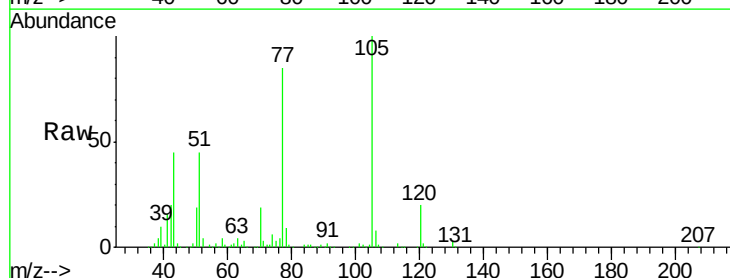
Ion Ratio Lower Upper

105 100

71 3.3 4.8 7.2#

51 45.0 32.6 49.0

120 20.1 16.5 24.7

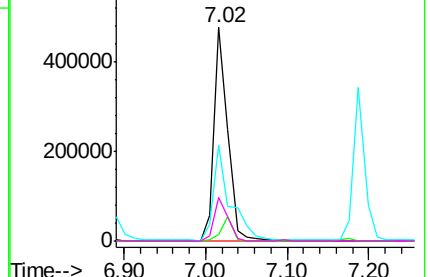
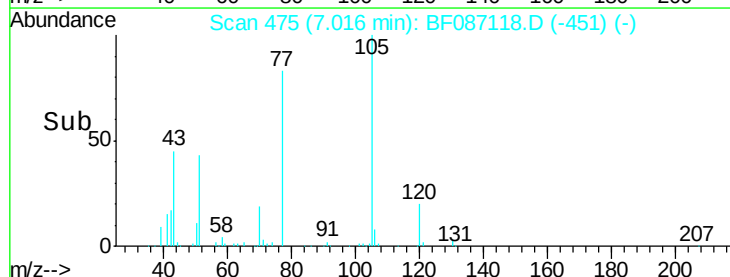


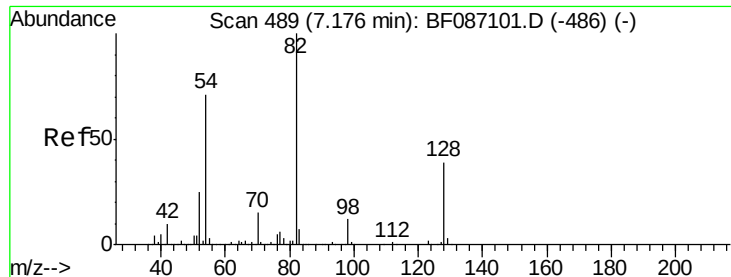
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

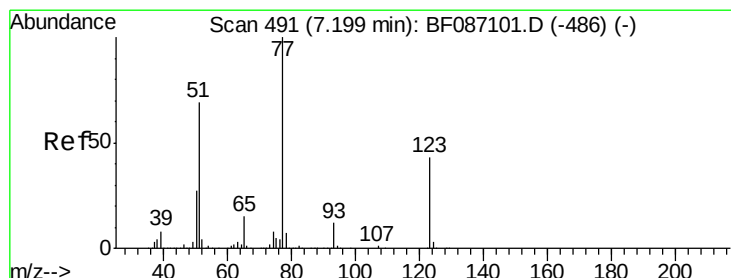
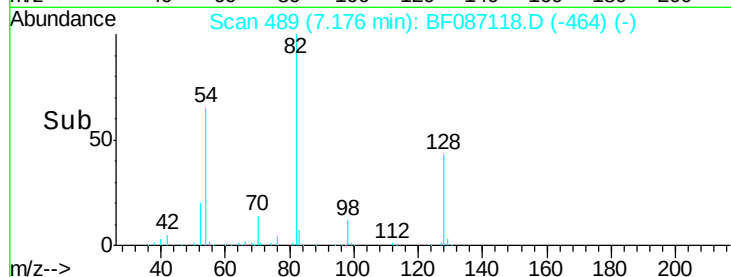
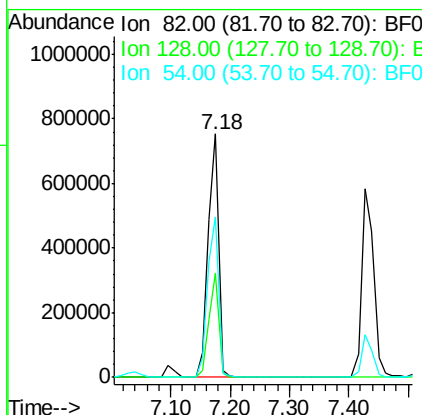
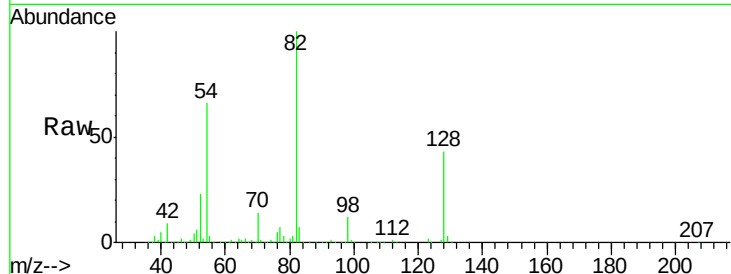




#23
 Nitrobenzene-d5
 Concen: 77.87 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

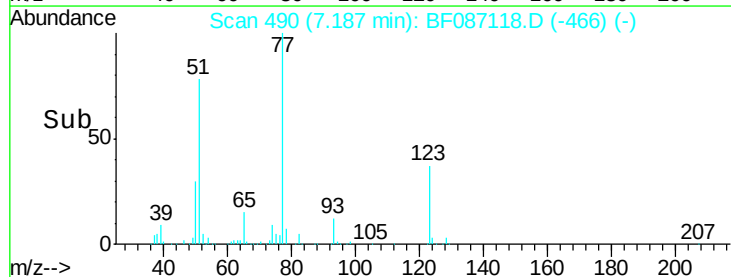
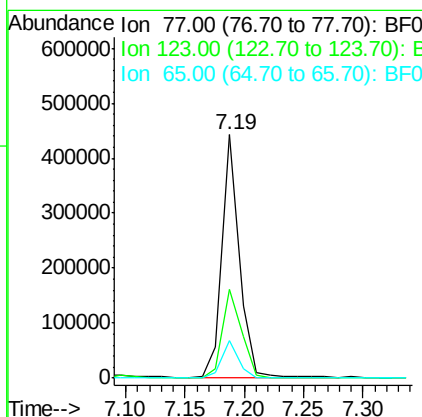
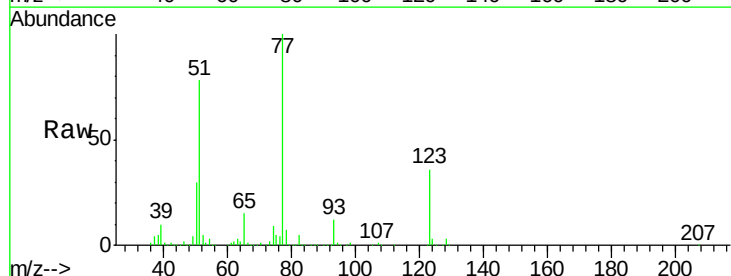
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

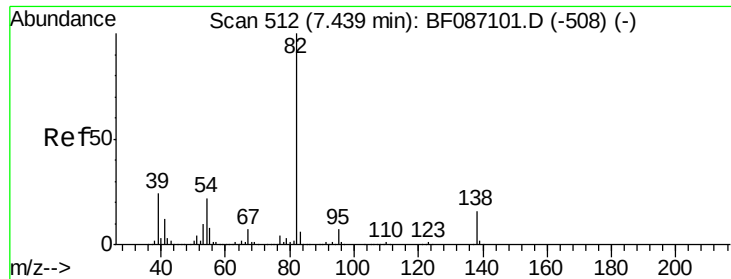
Tgt Ion: 82 Resp: 936095
 Ion Ratio Lower Upper
 82 100
 128 42.7 40.6 61.0
 54 65.9 38.1 57.1#



#24
 Nitrobenzene
 Concen: 33.67 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

Tgt Ion: 77 Resp: 441990
 Ion Ratio Lower Upper
 77 100
 123 36.5 33.0 49.4
 65 15.3 10.8 16.2

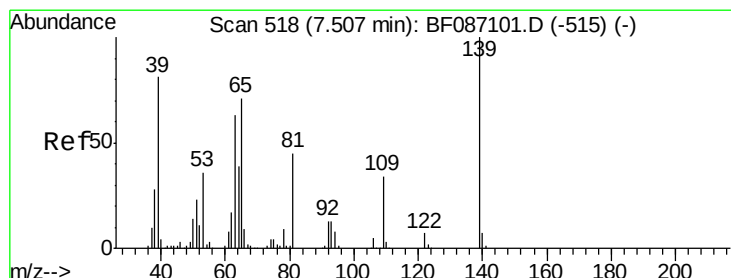
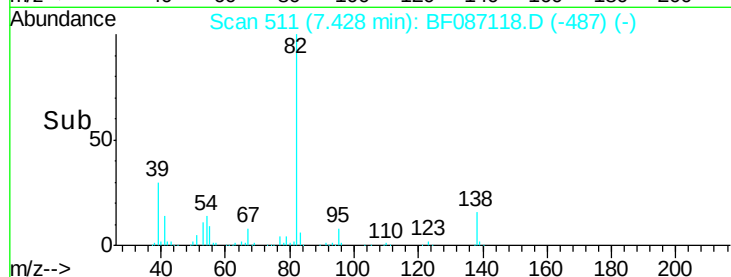
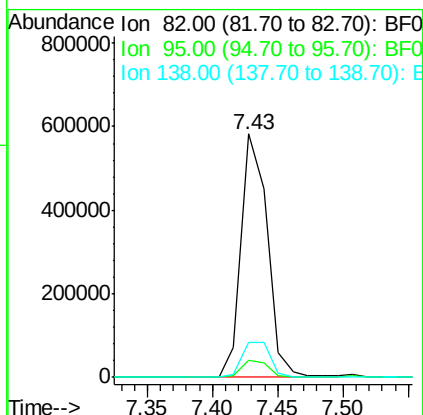
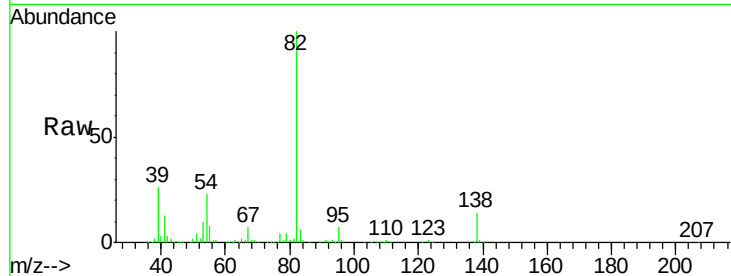




#25
Isophorone
Concen: 36.96 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.02 min
Lab File: BF087118.D
Acq: 17 May 2016 22:56

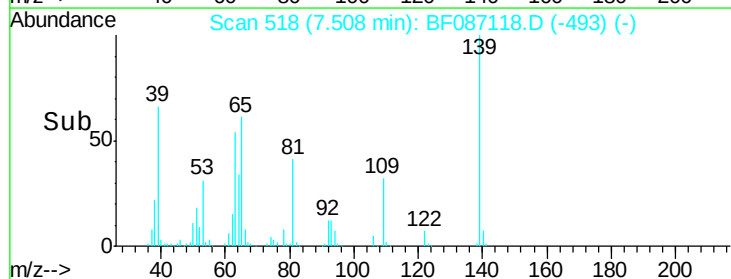
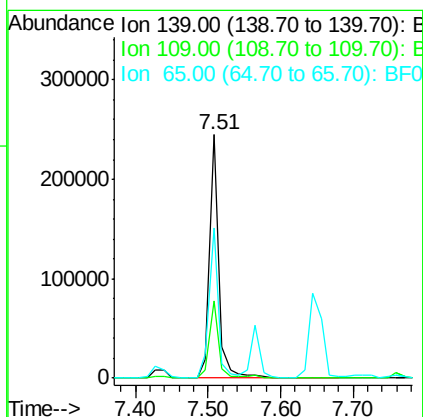
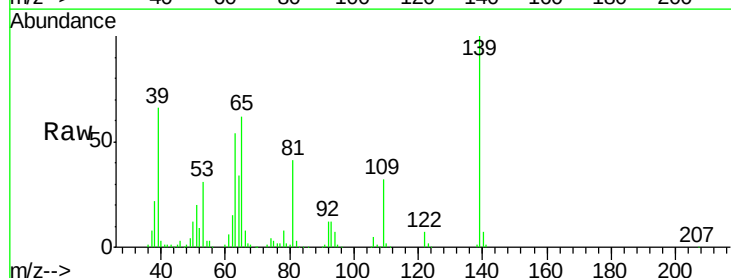
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

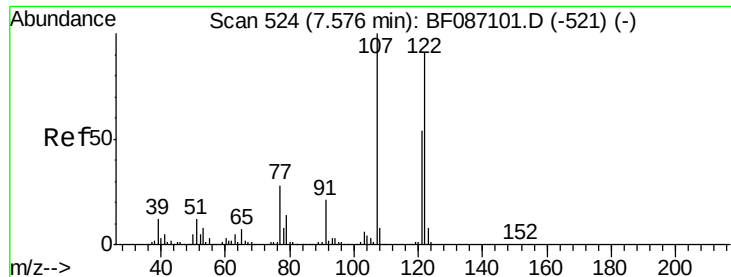
Tgt Ion: 82 Resp: 813293
Ion Ratio Lower Upper
82 100
95 7.1 5.1 7.7
138 14.3 12.4 18.6



#26
2-Nitrophenol
Concen: 40.17 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF087118.D
Acq: 17 May 2016 22:56

Tgt Ion: 139 Resp: 218438
Ion Ratio Lower Upper
139 100
109 31.9 19.5 29.3#
65 61.8 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 37.42 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

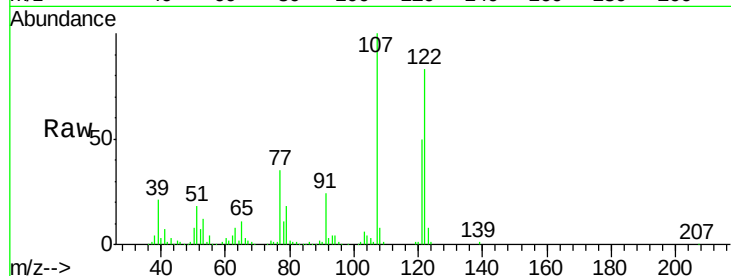
Tgt Ion:122 Resp: 347210

Ion Ratio Lower Upper

122 100

107 120.0 82.0 123.0

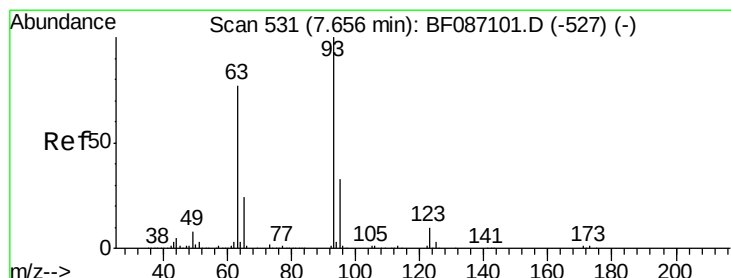
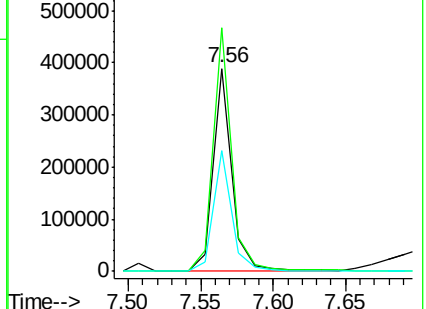
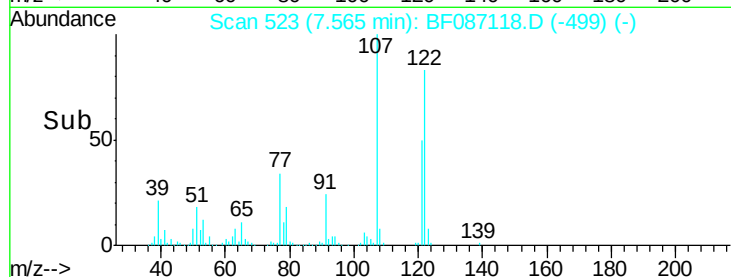
121 59.7 46.1 69.1



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: 37.56 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

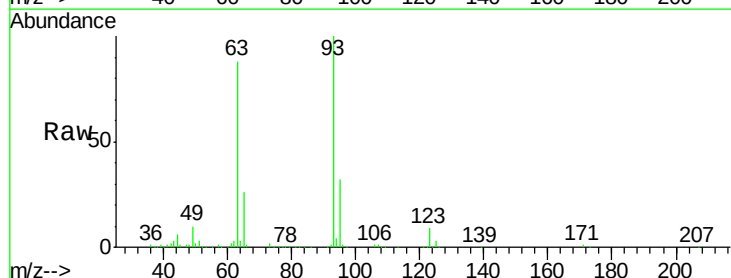
Tgt Ion: 93 Resp: 453781

Ion Ratio Lower Upper

93 100

95 32.2 26.0 39.0

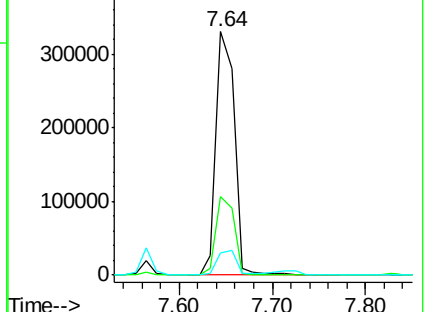
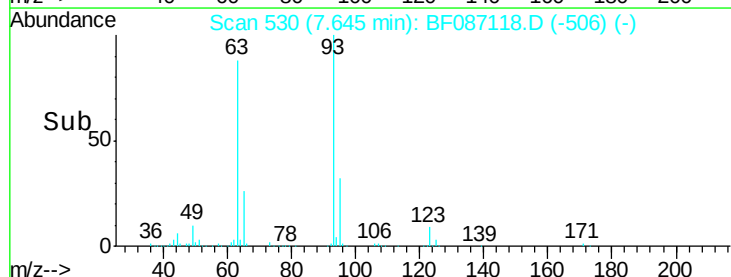
123 9.0 9.5 14.3#

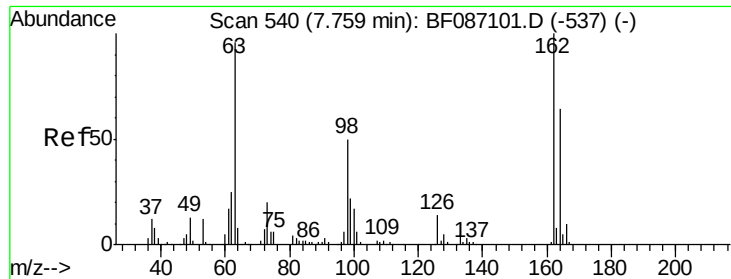


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.25 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

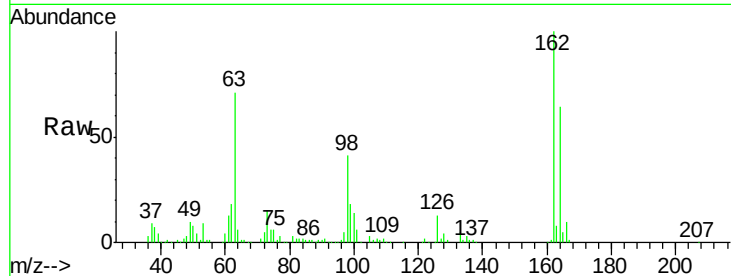
Tgt Ion:162 Resp: 320901

Ion Ratio Lower Upper

162 100

164 64.3 42.2 82.2

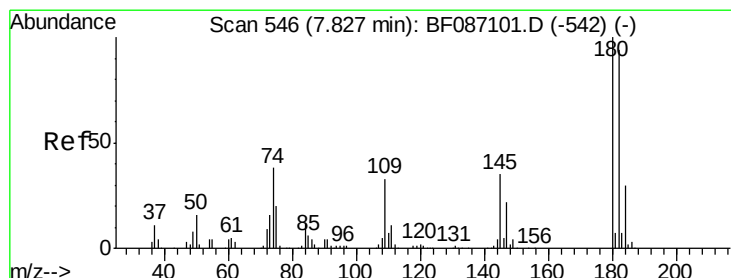
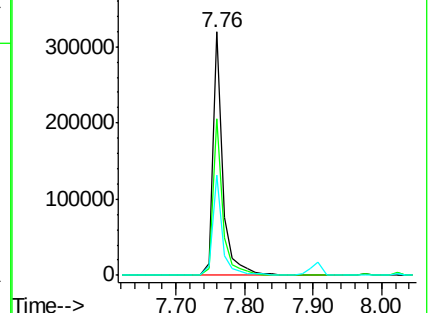
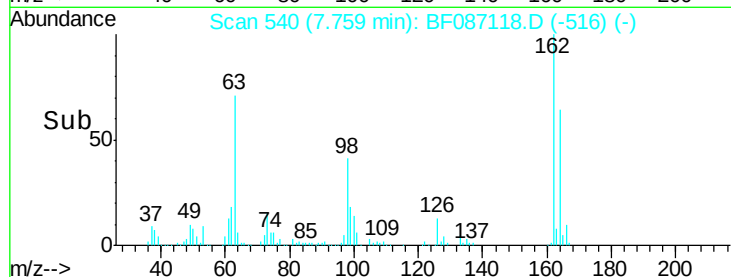
98 41.0 19.0 59.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 37.58 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

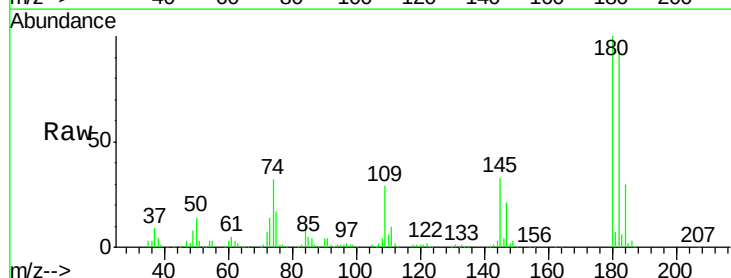
Tgt Ion:180 Resp: 341003

Ion Ratio Lower Upper

180 100

182 93.3 78.0 117.0

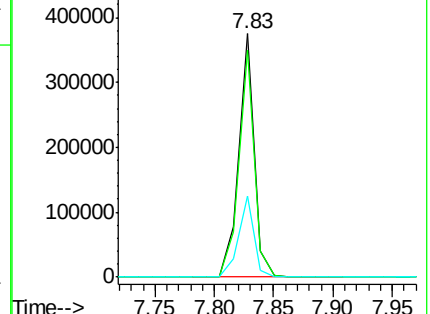
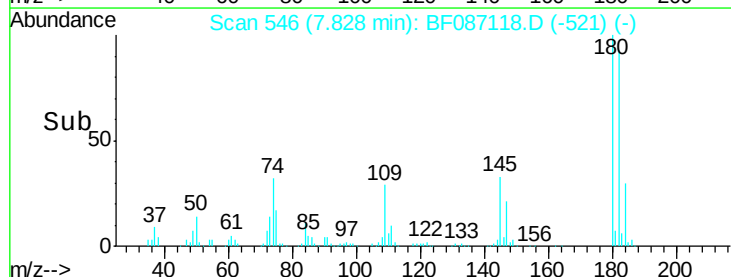
145 33.2 24.2 36.2

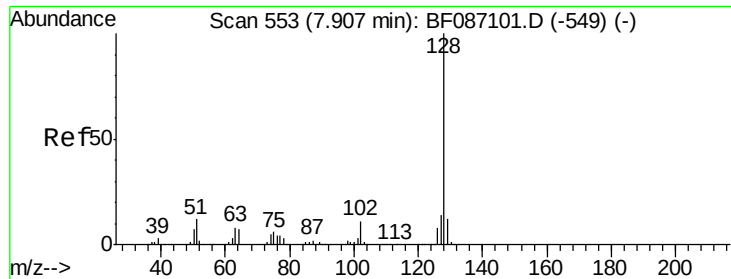


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

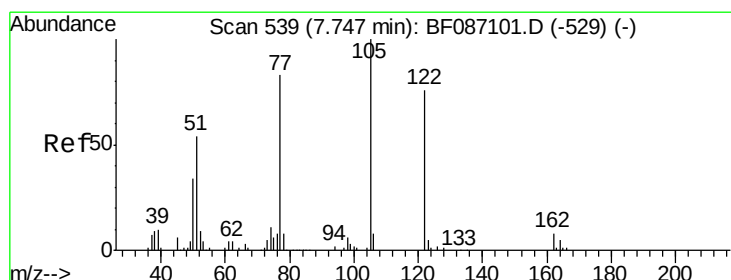
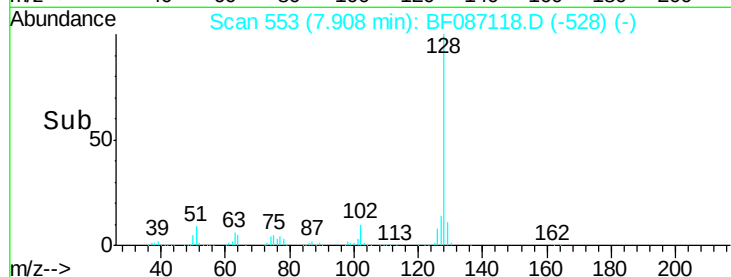
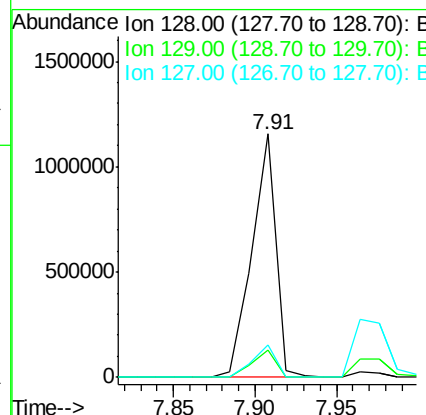
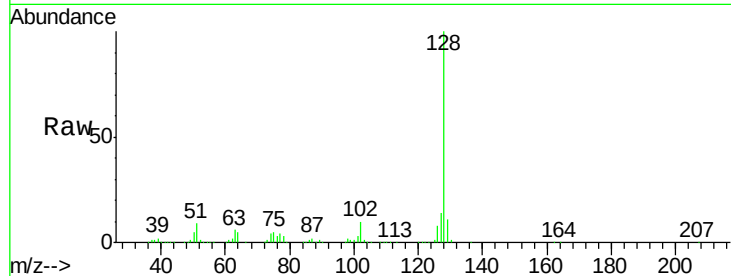




#31
Naphthalene
Concen: 40.35 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF087118.D
Acq: 17 May 2016 22:56

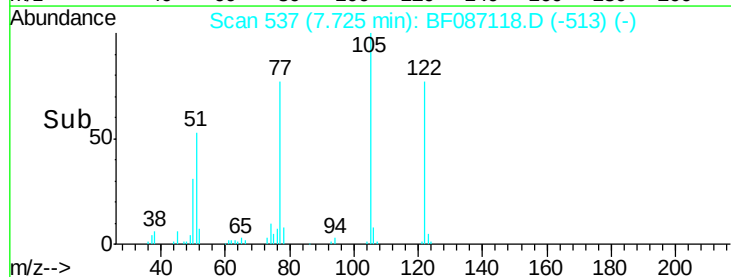
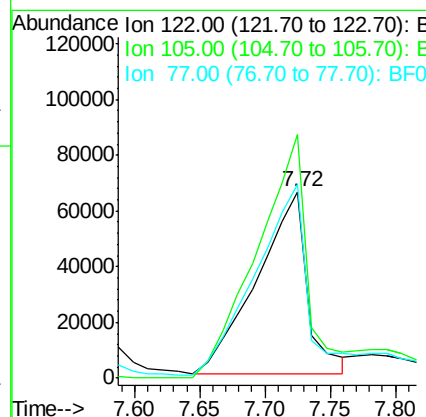
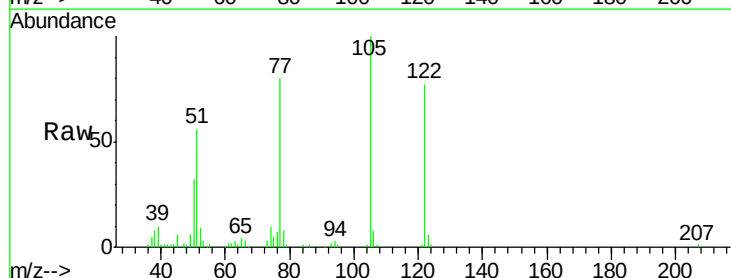
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

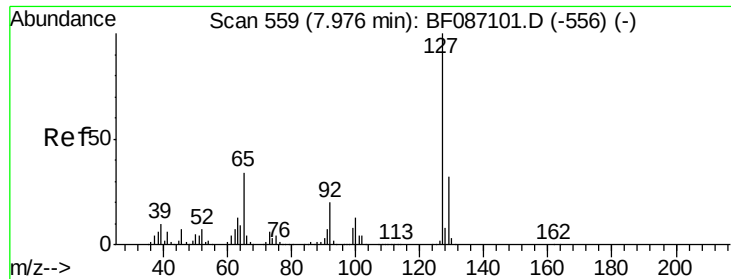
Tgt Ion:128 Resp: 1181099
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 32.11 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF087118.D
Acq: 17 May 2016 22:56

Tgt Ion:122 Resp: 177580
Ion Ratio Lower Upper
122 100
105 130.5 92.6 132.6
77 104.0 60.0 100.0#

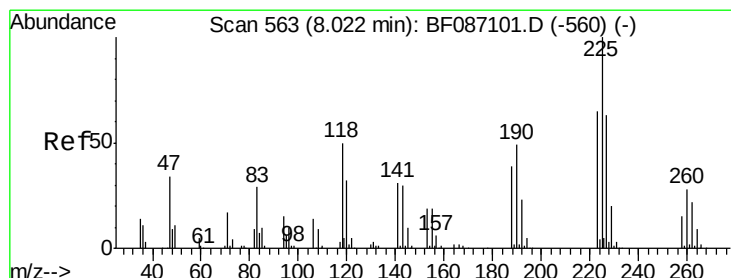
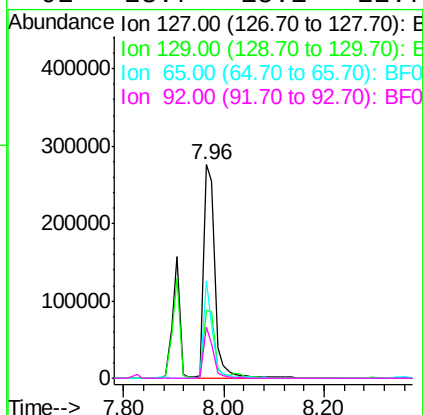
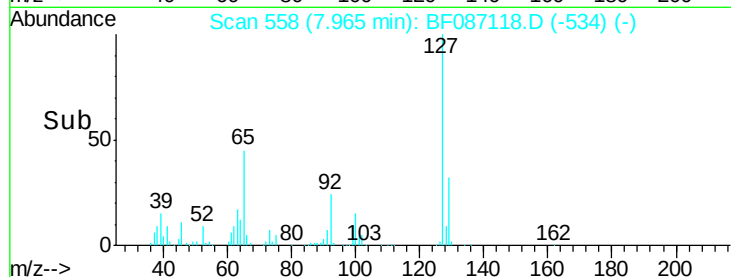
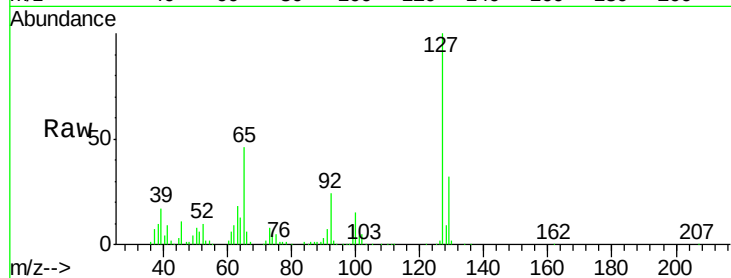




#33
4-Chloroaniline
Concen: 35.07 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.02 min
Lab File: BF087118.D
Acq: 17 May 2016 22:56

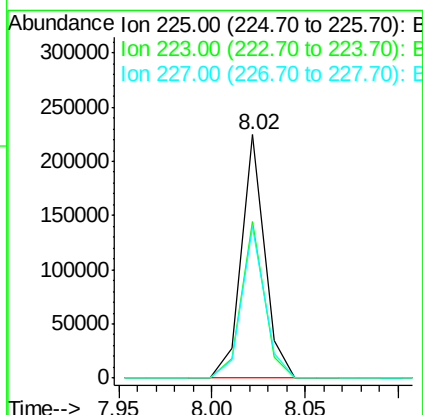
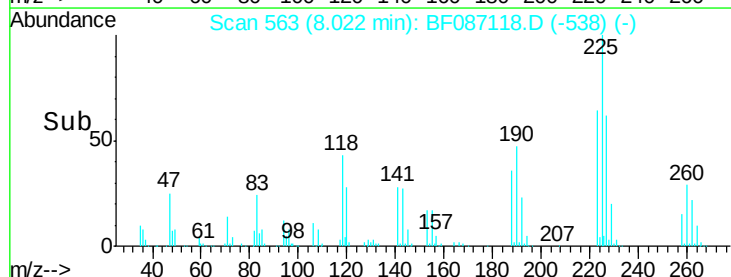
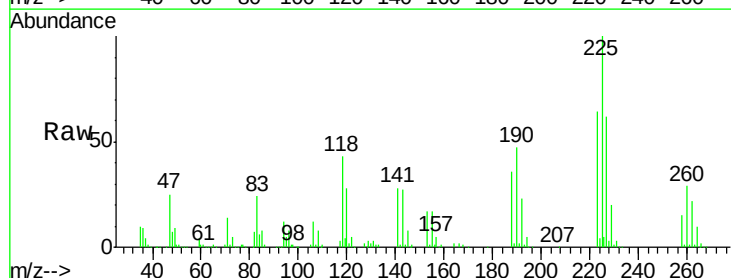
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

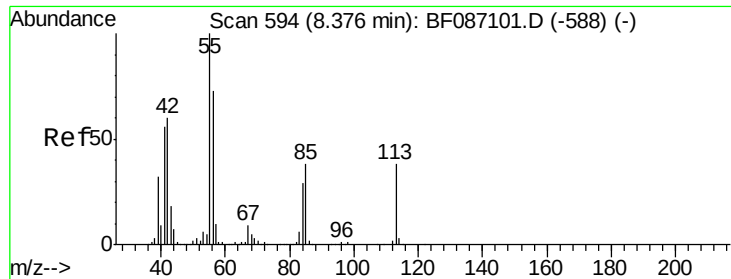
Tgt Ion:	127	Resp:	426635
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	45.8	23.0	34.4#
92	23.7	15.1	22.7#



#34
Hexachlorobutadiene
Concen: 38.17 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF087118.D
Acq: 17 May 2016 22:56

Tgt Ion:	225	Resp:	196550
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.5	77.3
227	62.2	52.2	78.2

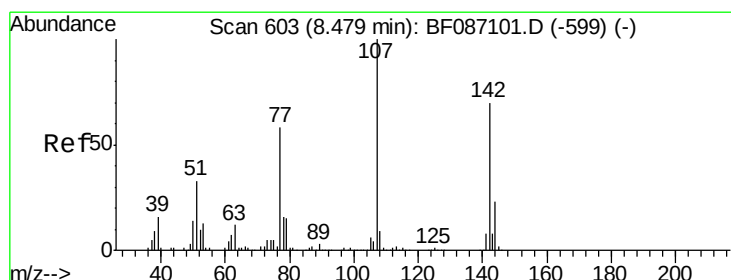
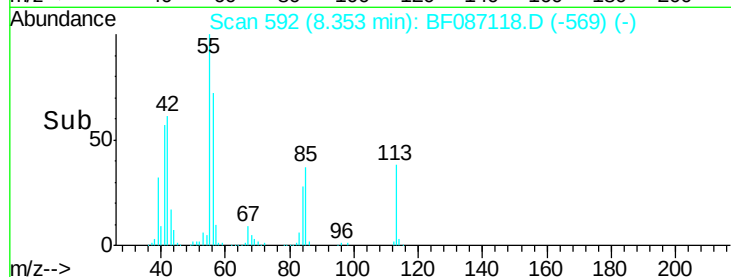
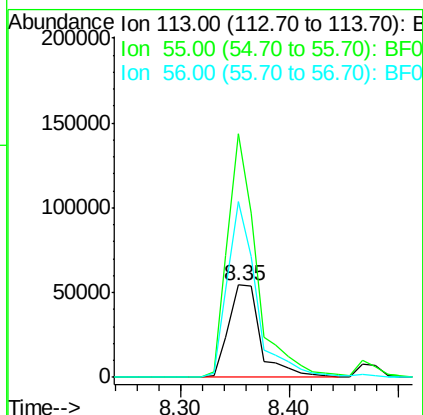
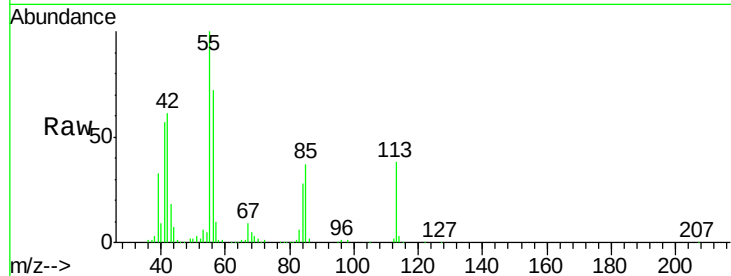




#35
 Caprolactam
 Concen: 40.78 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.03 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

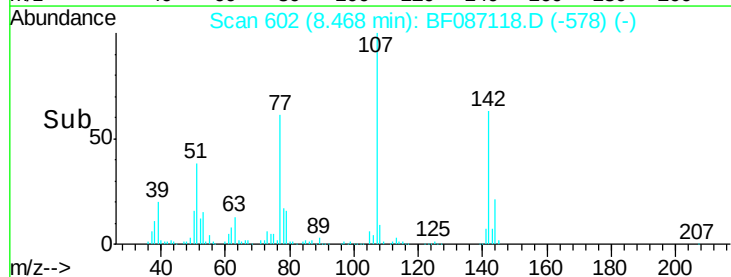
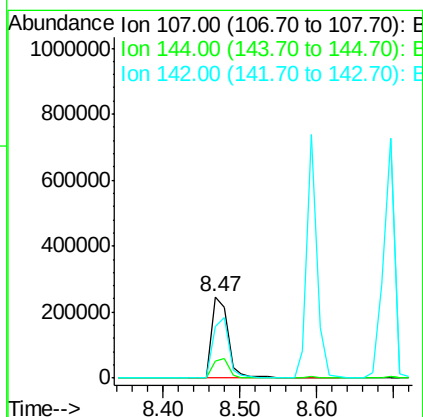
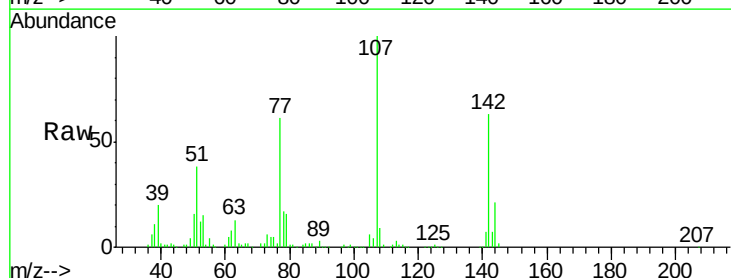
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

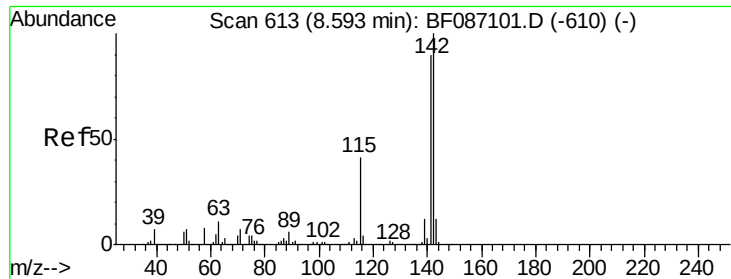
Tgt Ion:113 Resp: 111024
 Ion Ratio Lower Upper
 113 100
 55 263.7 162.0 202.0#
 56 190.8 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 37.08 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

Tgt Ion:107 Resp: 365762
 Ion Ratio Lower Upper
 107 100
 144 20.6 20.7 31.1#
 142 63.2 63.2 94.8





#37

2-Methylnaphthalene

Concen: 38.10 ng

RT: 8.70 min Scan# 622

Delta R.T. 0.08 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

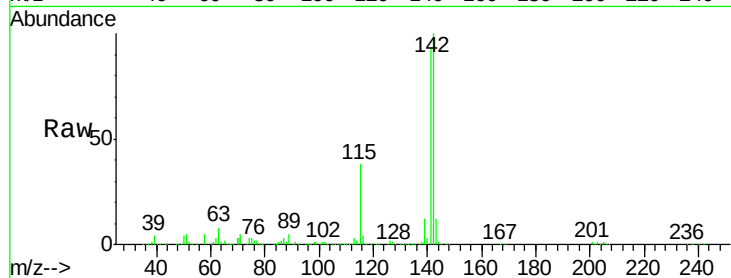
Tgt Ion:142 Resp: 713480

Ion Ratio Lower Upper

142 100

141 92.6 71.0 106.6

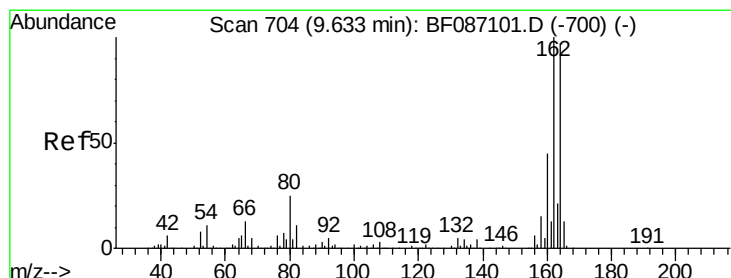
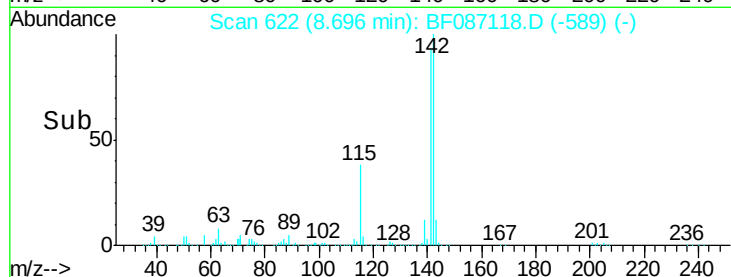
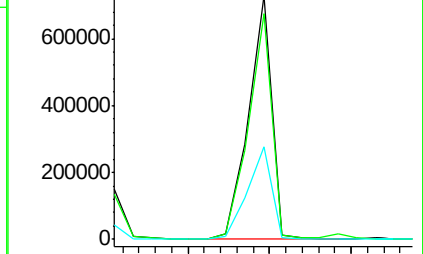
115 38.0 26.6 39.8



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: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

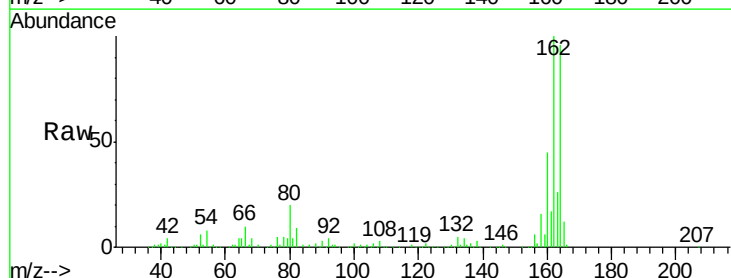
Tgt Ion:164 Resp: 293823

Ion Ratio Lower Upper

164 100

162 104.6 82.8 124.2

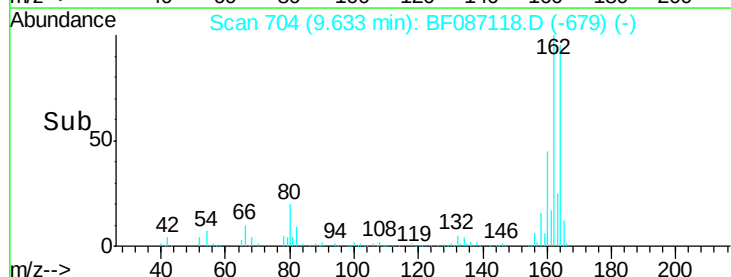
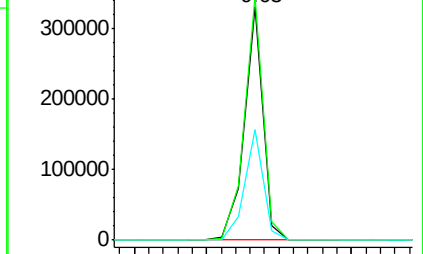
160 47.5 36.9 55.3

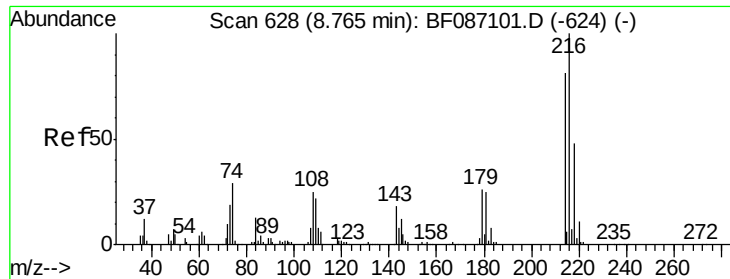


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

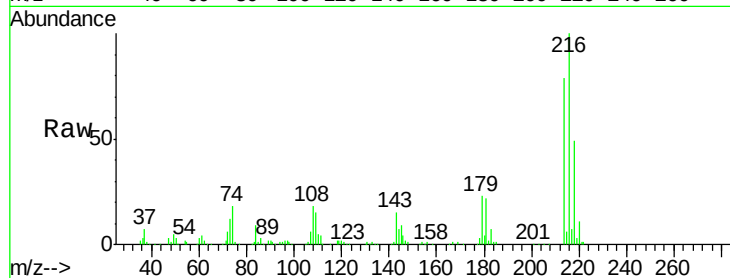




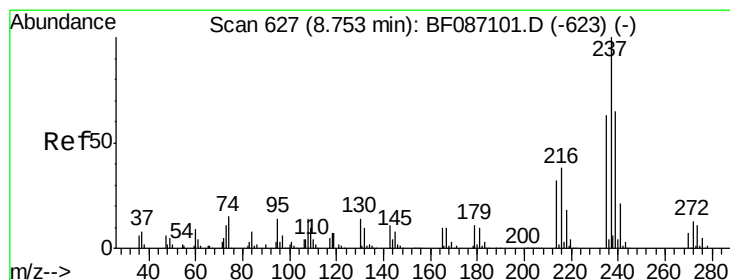
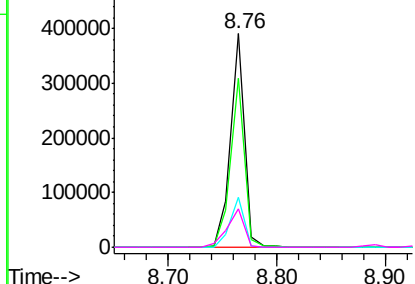
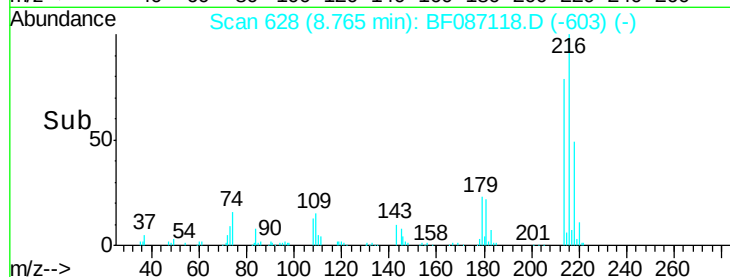
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.02 ng
 RT: 8.76 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	343480
Ion	Ratio	Lower	Upper
216	100		
214	79.7	62.6	93.8
179	23.8	18.2	27.4
108	22.0	17.5	26.3

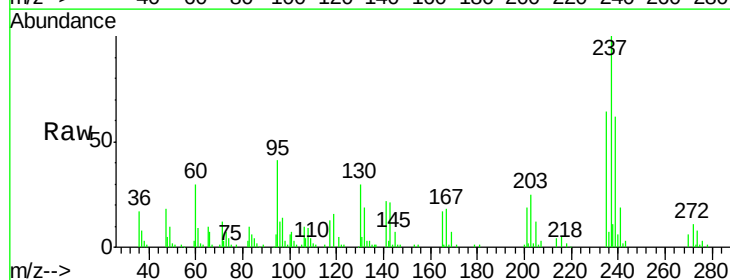


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

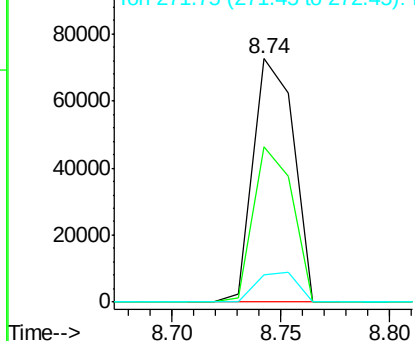
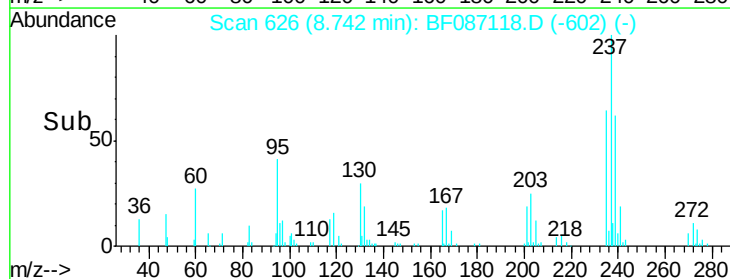


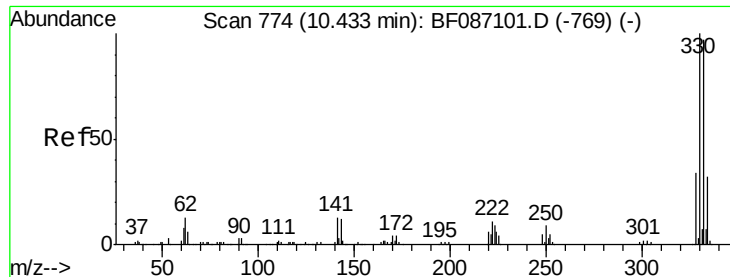
#40
 Hexachlorocyclopentadiene
 Concen: 33.47 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

Tgt Ion:	237	Resp:	94122
Ion	Ratio	Lower	Upper
237	100		
235	63.7	47.2	87.2
272	11.4	0.0	31.1



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

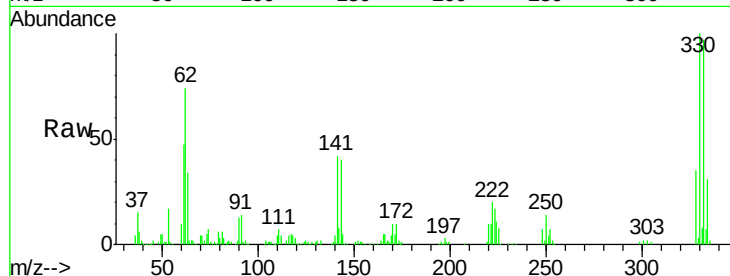




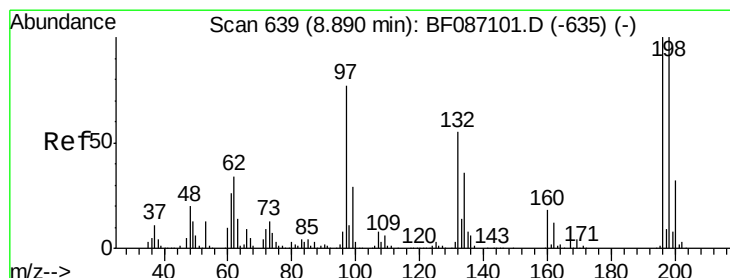
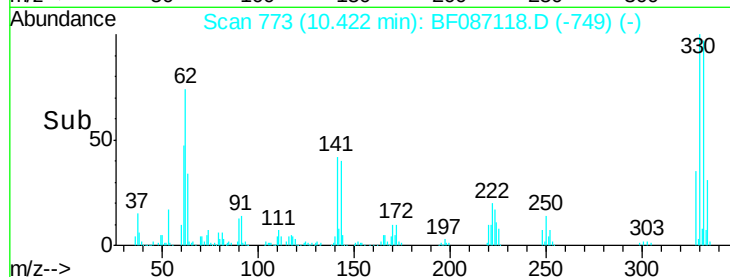
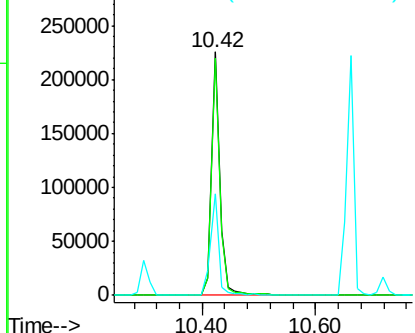
#41
 2,4,6-Tribromophenol
 Concen: 69.03 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 224140
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 39.7 31.2 46.8

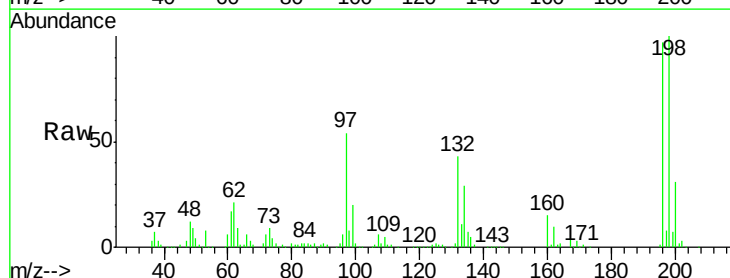


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

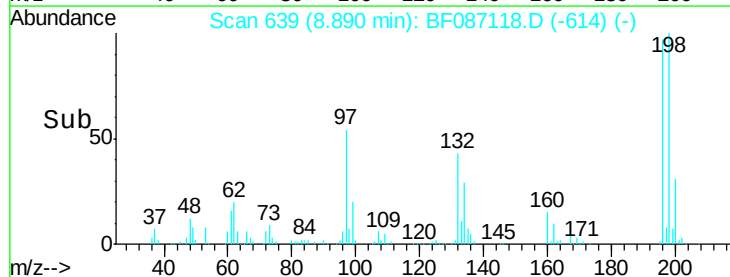
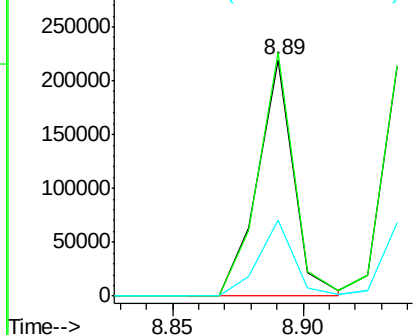


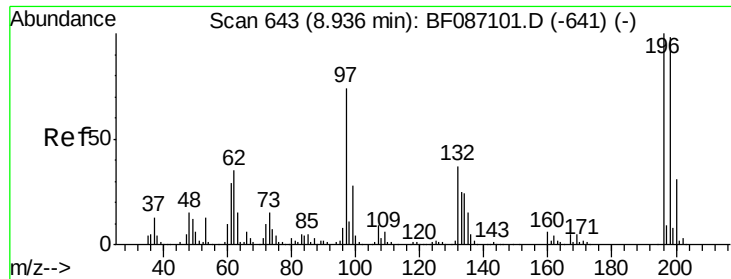
#42
 2,4,6-Trichlorophenol
 Concen: 38.07 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

Tgt Ion:196 Resp: 211901
 Ion Ratio Lower Upper
 196 100
 198 103.1 74.7 112.1
 200 32.3 23.8 35.6



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

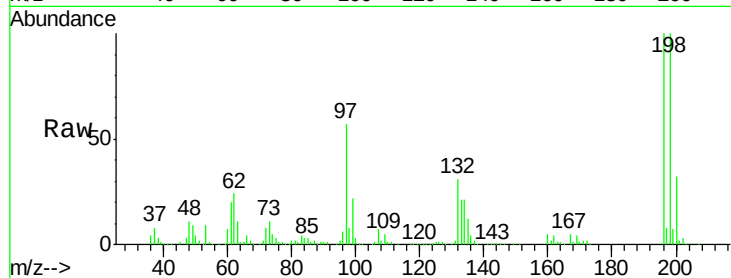




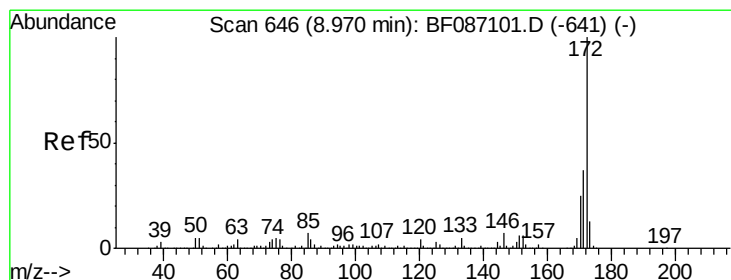
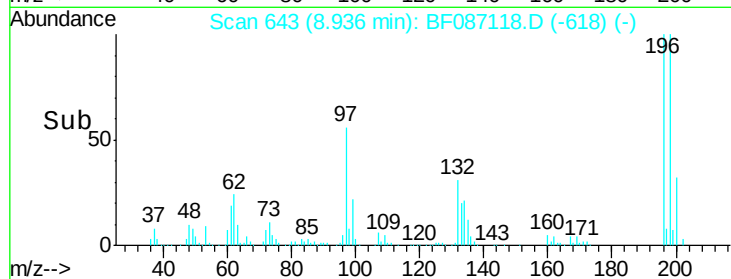
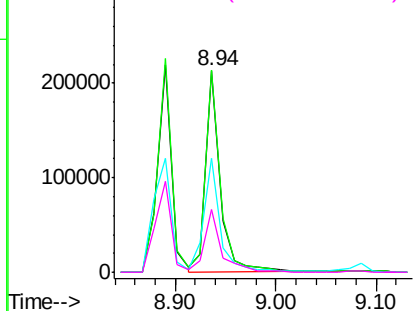
#43
 2,4,5-Trichlorophenol
 Concen: 37.61 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 217457
 Ion Ratio Lower Upper
 196 100
 198 100.4 77.5 116.3
 97 56.8 34.8 52.2#
 132 30.9 23.0 34.4

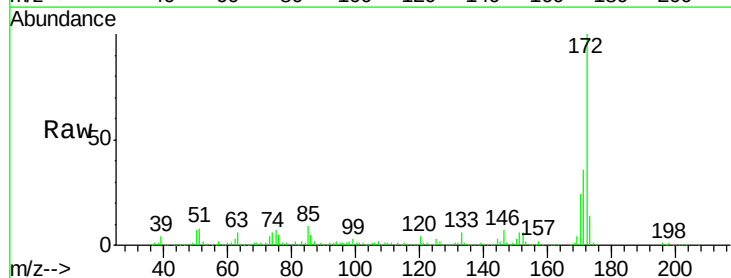


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

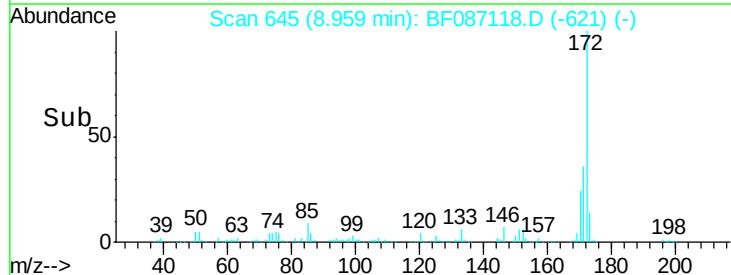
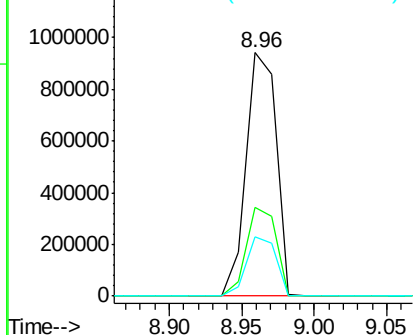


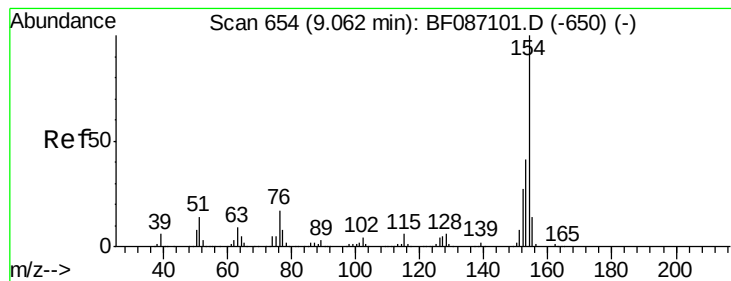
#44
 2-Fluorobiphenyl
 Concen: 76.91 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

Tgt Ion:172 Resp: 1364450
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.3 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 38.77 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

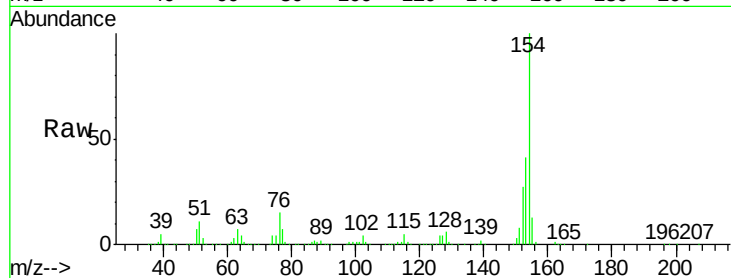
Tgt Ion:154 Resp: 944624

Ion Ratio Lower Upper

154 100

153 41.1 20.3 60.3

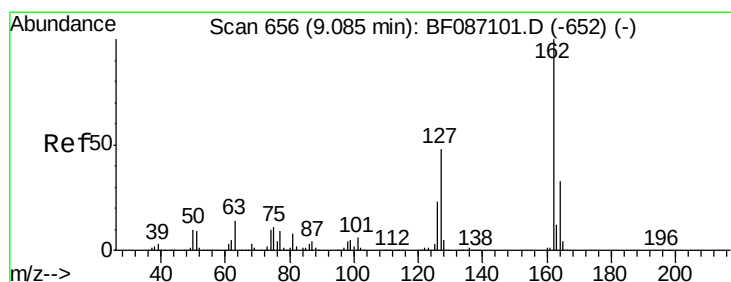
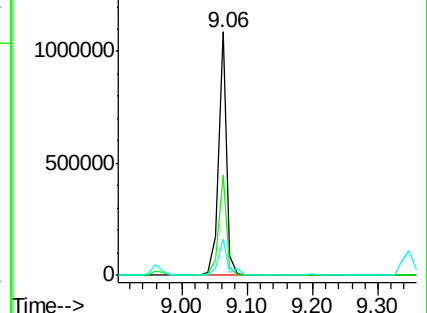
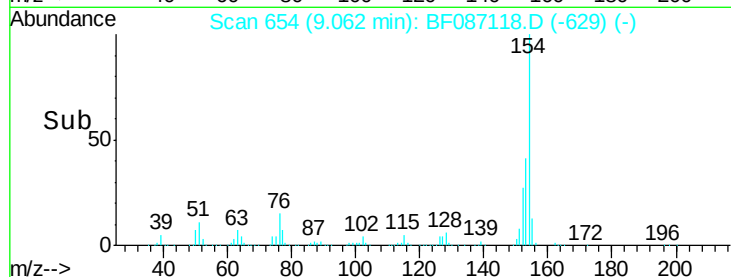
76 14.7 0.0 30.2



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): E



#46

2-Chloronaphthalene

Concen: 37.79 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

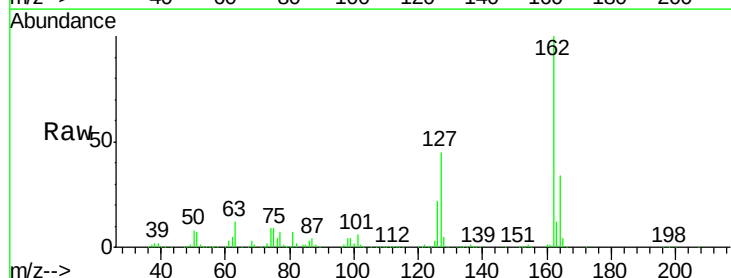
Tgt Ion:162 Resp: 706906

Ion Ratio Lower Upper

162 100

127 45.1 31.8 47.6

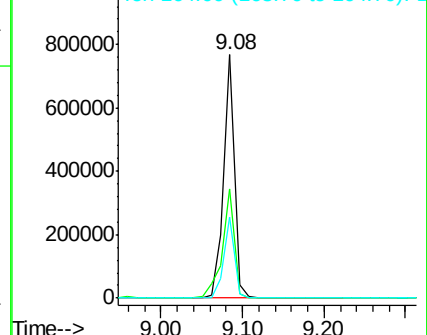
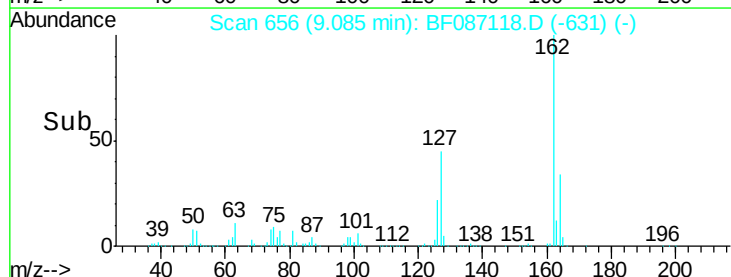
164 33.5 27.0 40.6

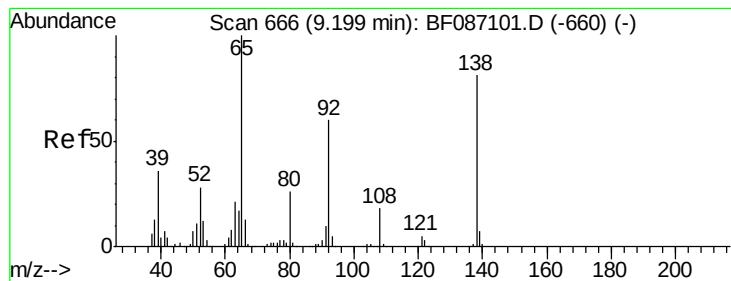


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.34 ng

RT: 9.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

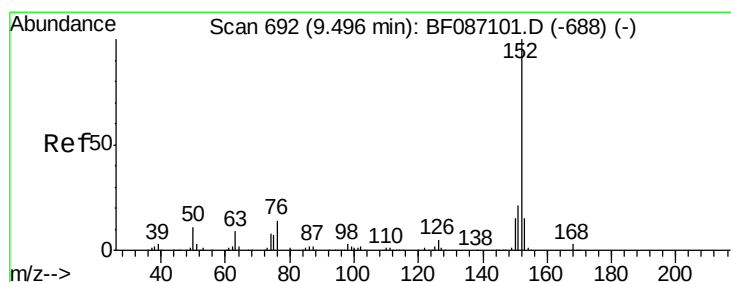
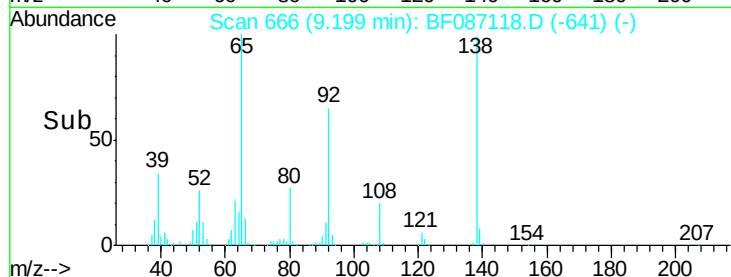
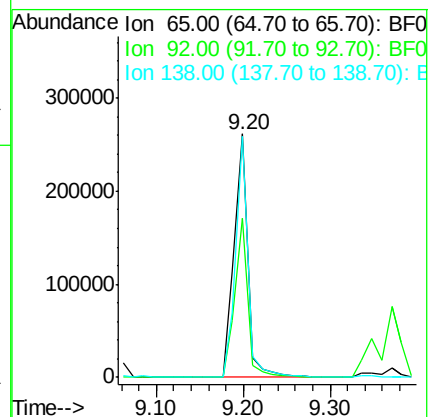
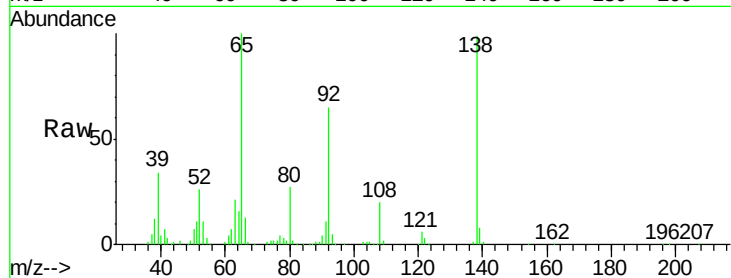
Tgt Ion: 65 Resp: 289143

Ion Ratio Lower Upper

65 100

92 65.4 57.4 86.2

138 98.9 90.1 135.1



#48

Acenaphthylene

Concen: 38.49 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

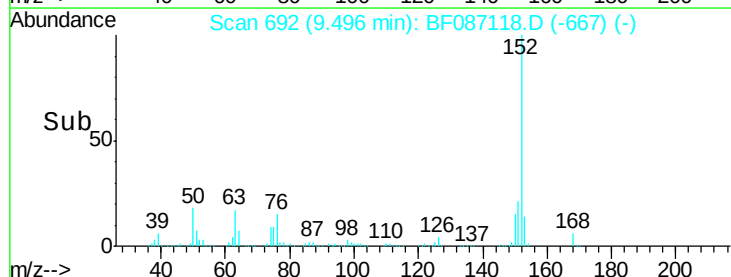
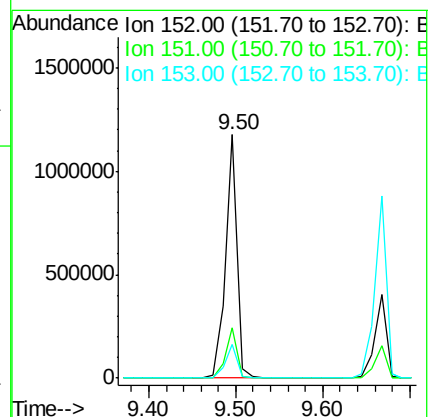
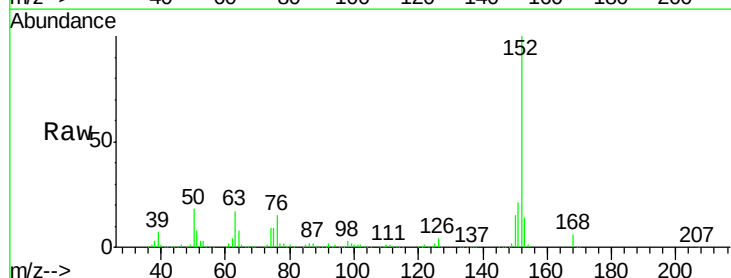
Tgt Ion: 152 Resp: 1099397

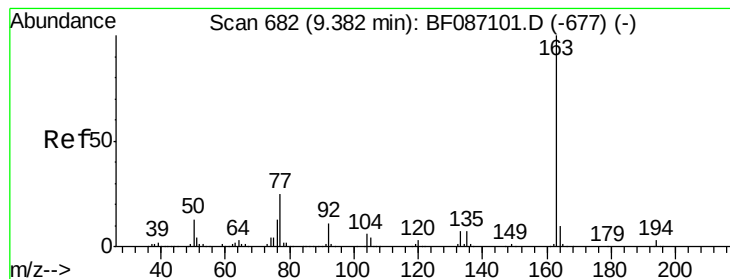
Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

153 14.0 10.9 16.3





#49

Dimethylphthalate

Concen: 38.65 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

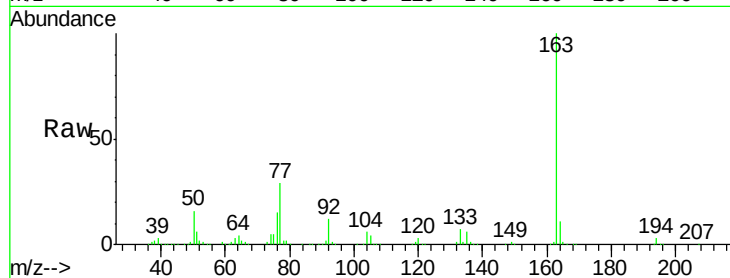
Tgt Ion:163 Resp: 866311

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

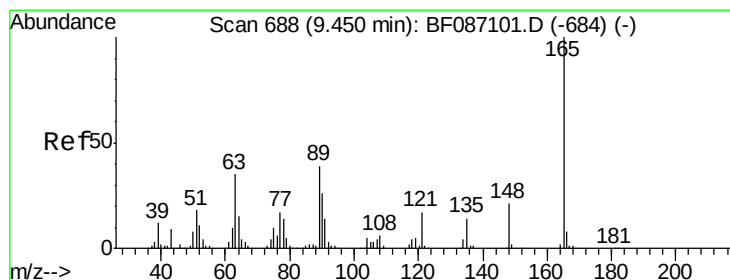
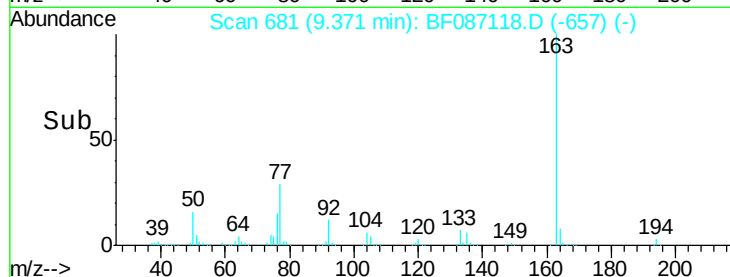
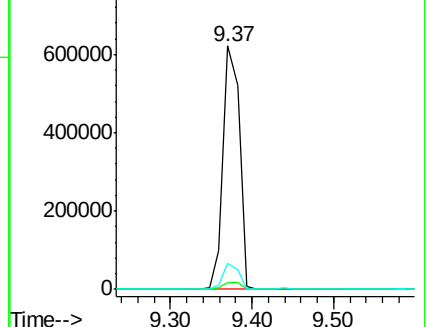
164 10.6 8.2 12.4



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: 38.20 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

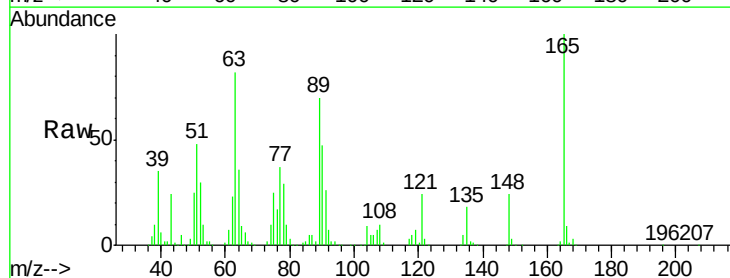
Tgt Ion:165 Resp: 185925

Ion Ratio Lower Upper

165 100

63 81.6 51.8 77.8#

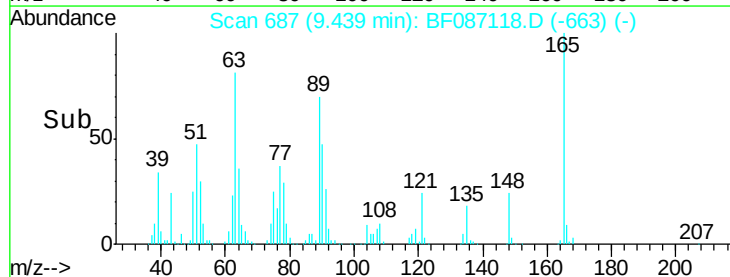
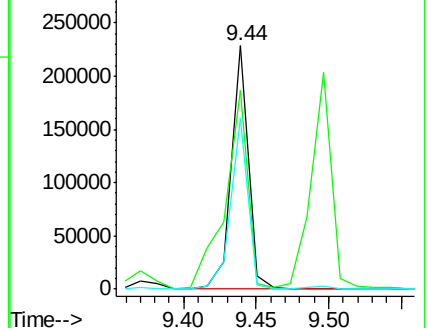
89 69.9 50.7 76.1

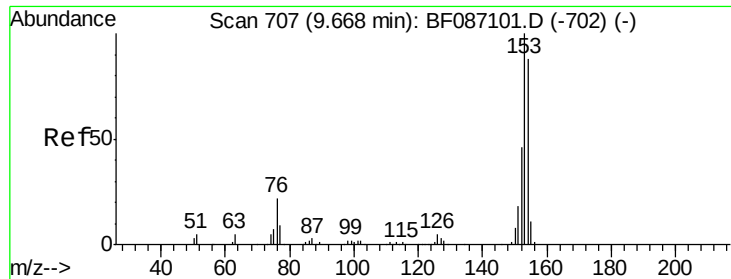


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.61 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

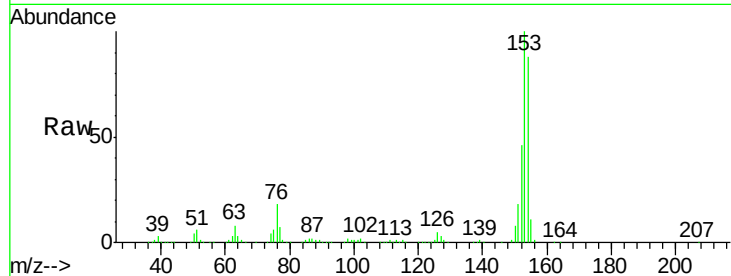
Tgt Ion:154 Resp: 706714

Ion Ratio Lower Upper

154 100

153 113.3 89.8 134.6

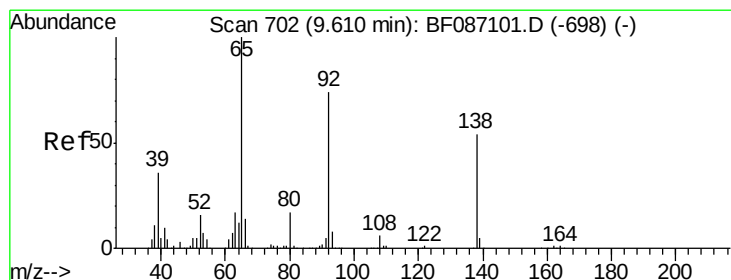
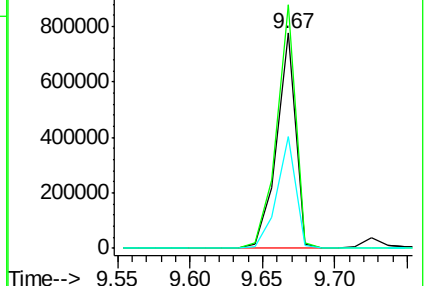
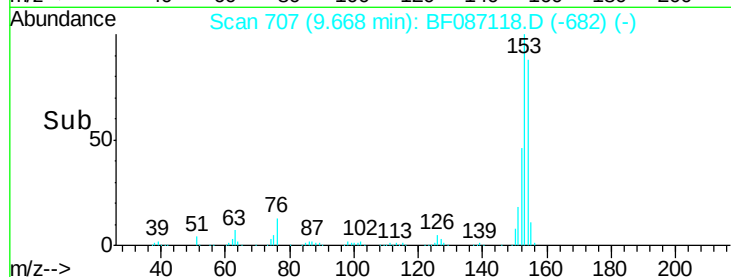
152 52.2 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.67 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

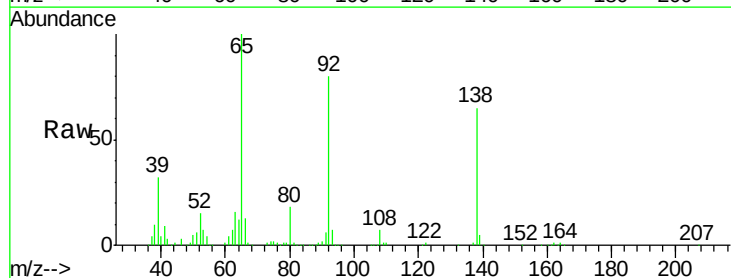
Tgt Ion:138 Resp: 208983

Ion Ratio Lower Upper

138 100

108 10.7 7.8 11.6

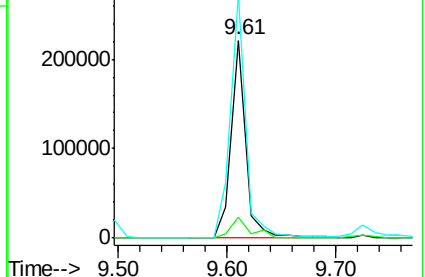
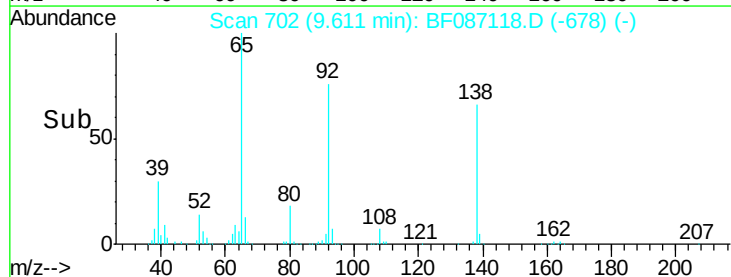
92 123.1 87.8 131.8

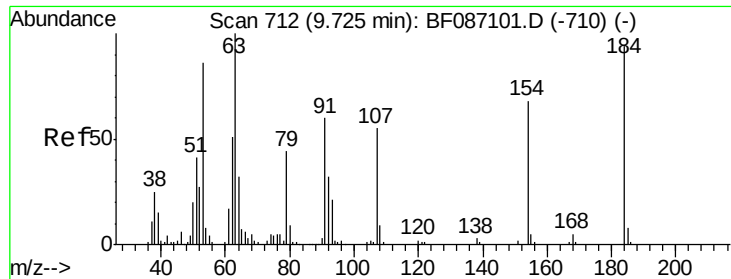


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

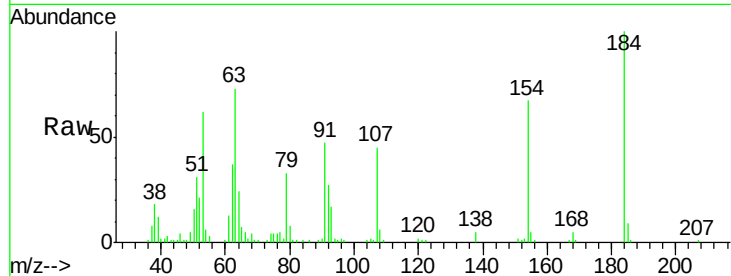




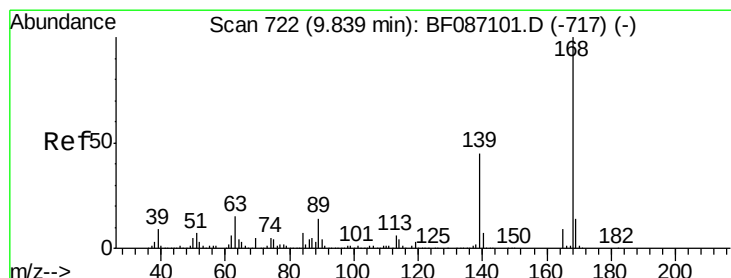
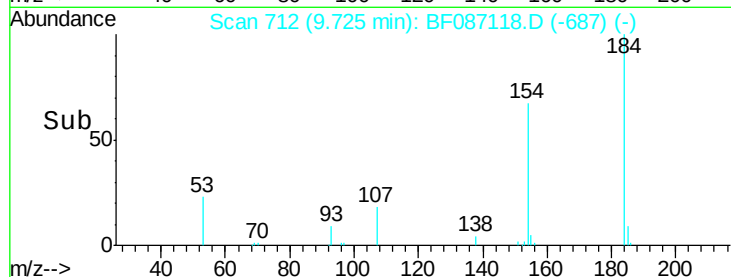
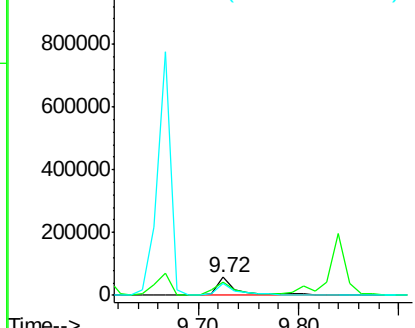
#53
 2,4-Dinitrophenol
 Concen: 32.33 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 81794
 Ion Ratio Lower Upper
 184 100
 63 72.7 55.8 83.8
 154 67.4 62.4 93.6

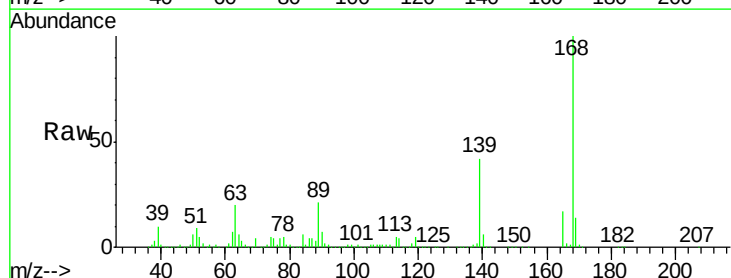


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

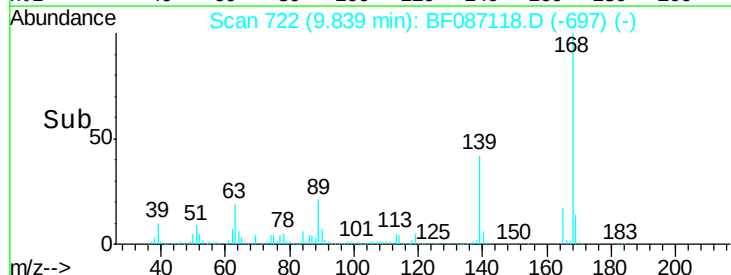
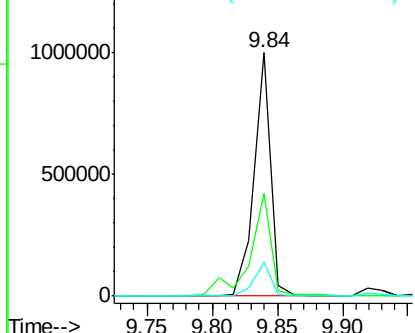


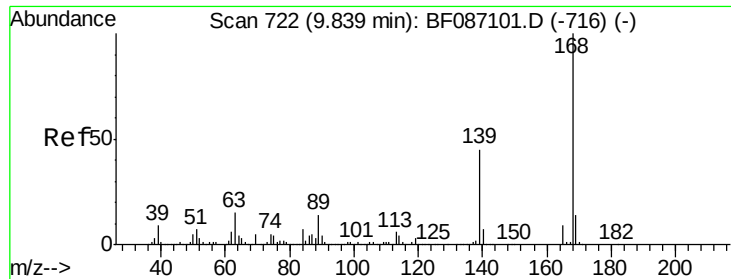
#54
 Dibenzofuran
 Concen: 38.49 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

Tgt Ion:168 Resp: 888070
 Ion Ratio Lower Upper
 168 100
 139 42.3 31.4 47.0
 169 13.7 10.7 16.1



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: 105.02 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

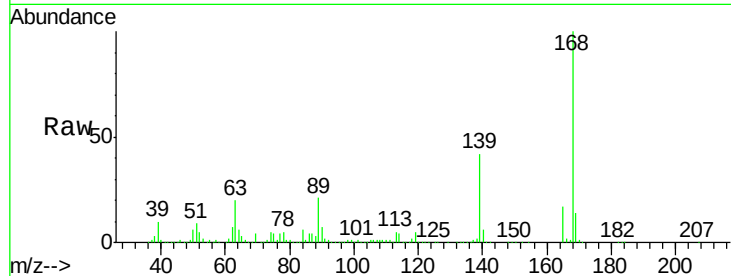
Tgt Ion:139 Resp: 499441

Ion Ratio Lower Upper

139 100

109 2.6 36.9 76.9#

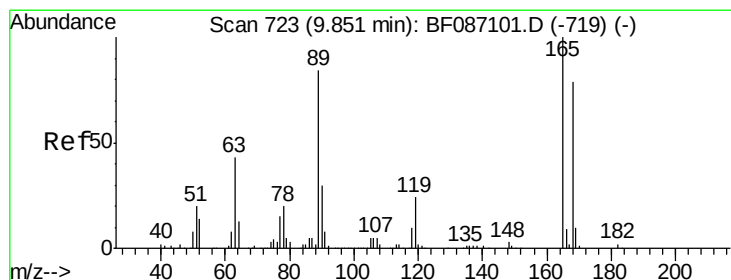
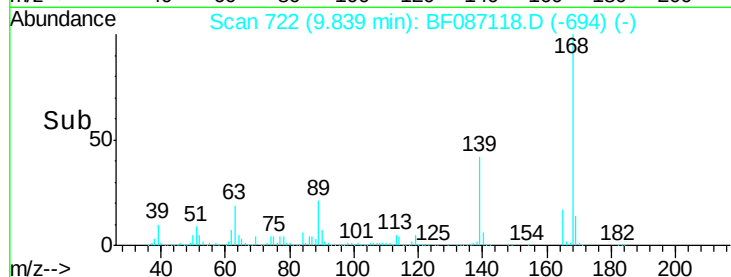
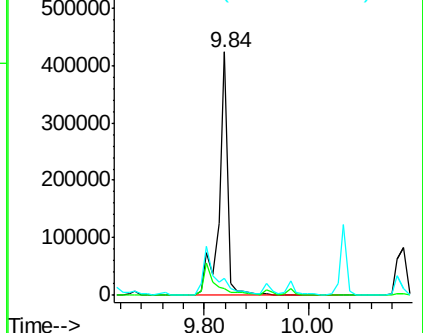
65 6.9 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 33.65 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Tgt Ion:165 Resp: 209739

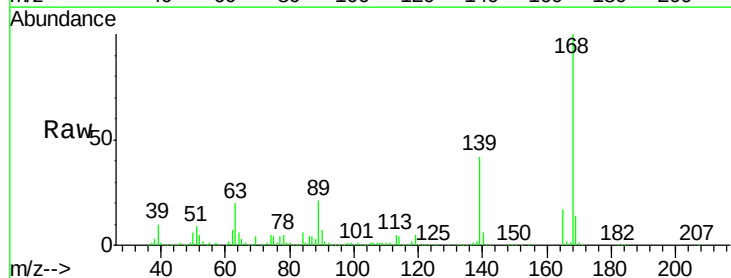
Ion Ratio Lower Upper

165 100

63 116.3 44.3 66.5#

89 123.5 70.0 105.0#

182 2.4 1.8 2.6

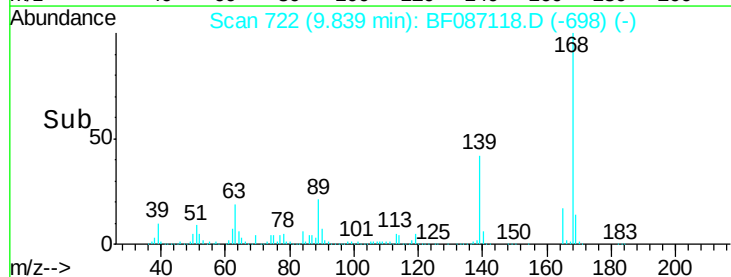
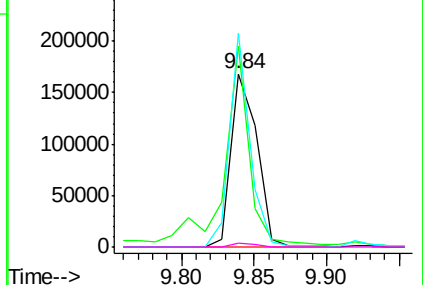


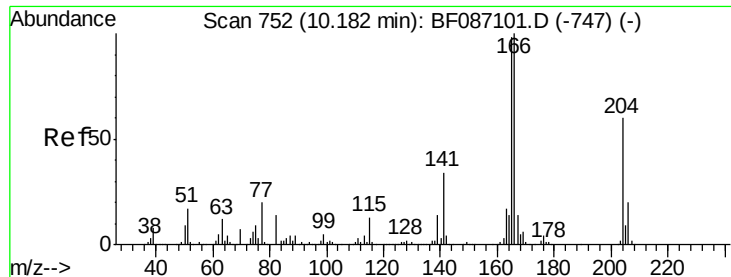
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.05 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

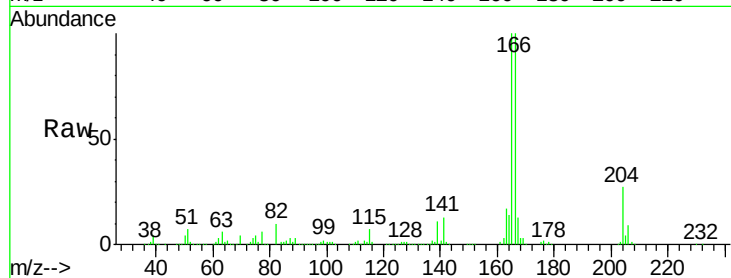
Tgt Ion:166 Resp: 779454

Ion Ratio Lower Upper

166 100

165 99.9 79.0 118.6

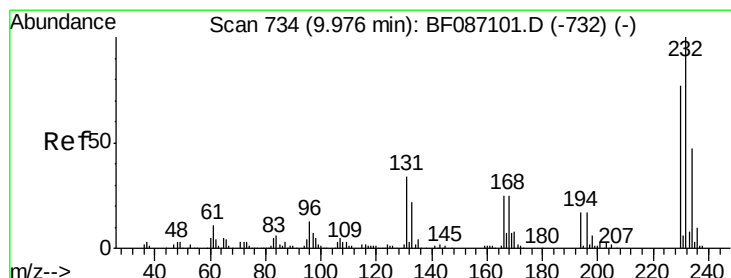
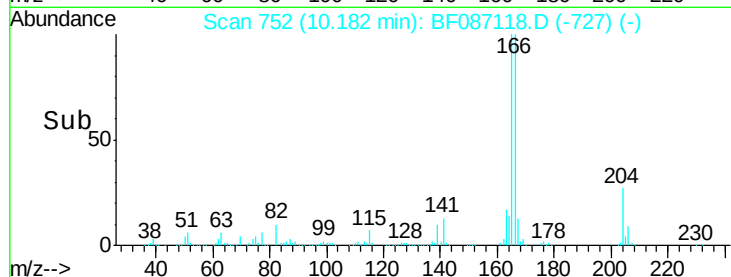
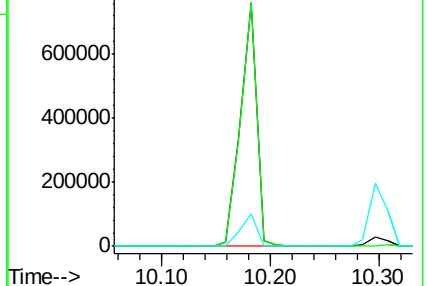
167 13.2 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.64 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Tgt Ion:232 Resp: 164986

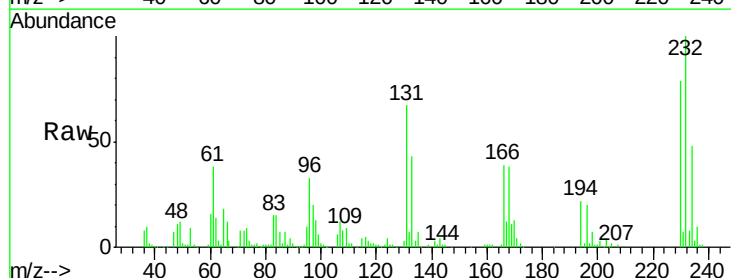
Ion Ratio Lower Upper

232 100

131 55.0 41.9 62.9

130 2.5 2.2 3.4

166 32.1 26.8 40.2

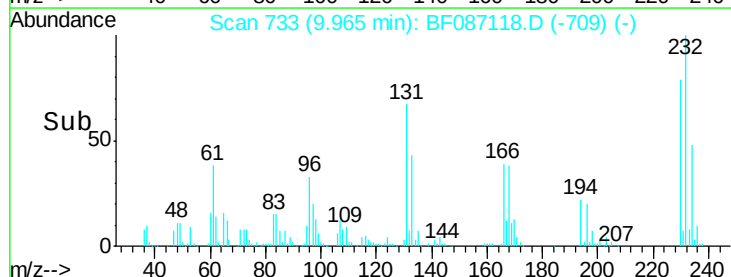
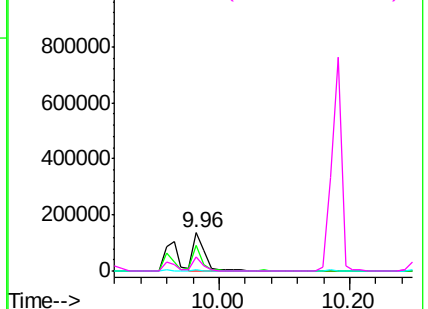


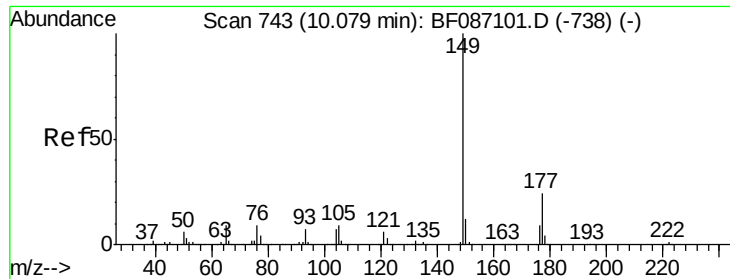
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

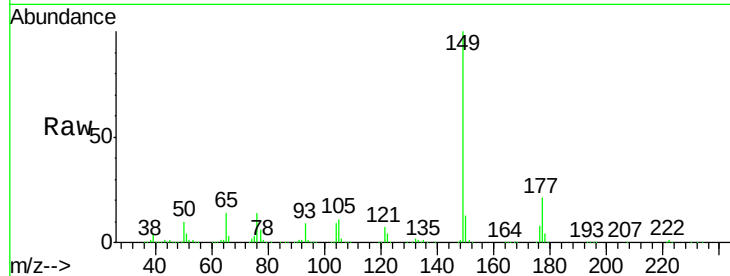




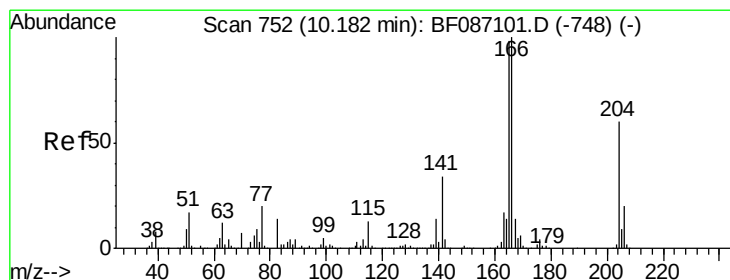
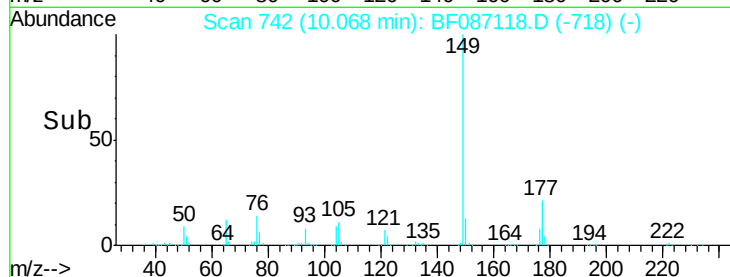
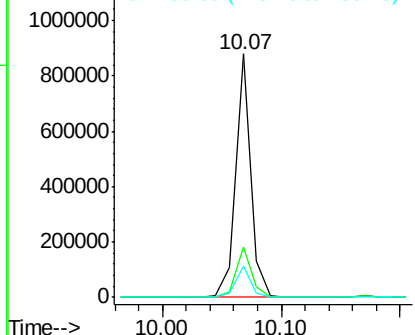
#59
Diethylphthalate
Concen: 36.16 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF087118.D
Acq: 17 May 2016 22:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 773644
Ion Ratio Lower Upper
149 100
177 20.7 16.6 24.8
150 12.9 10.0 15.0

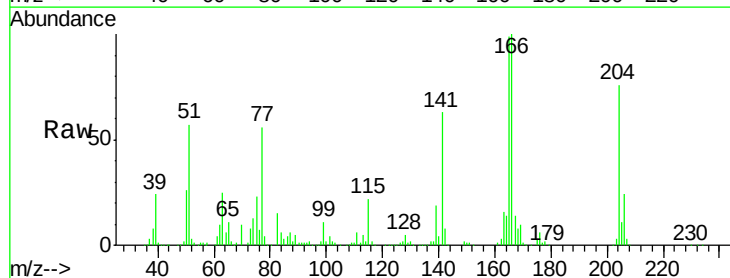


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

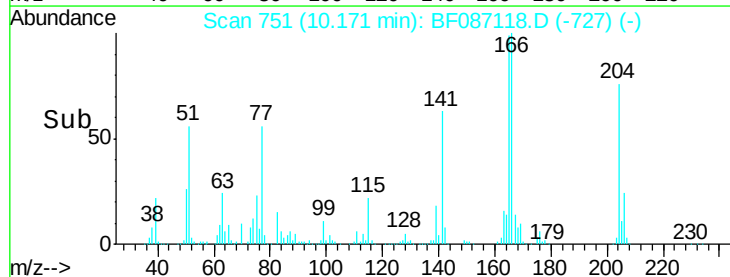
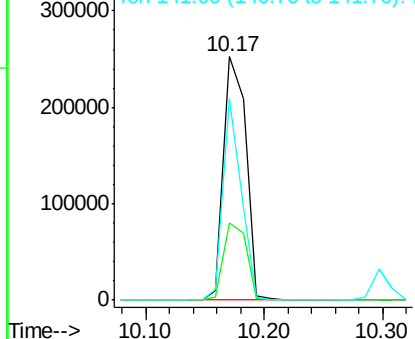


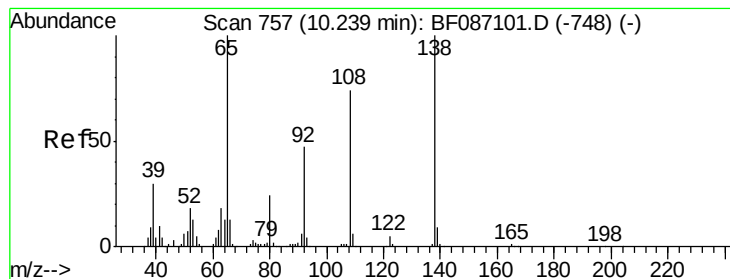
#60
4-Chlorophenyl-phenylether
Concen: 37.34 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF087118.D
Acq: 17 May 2016 22:56

Tgt Ion:204 Resp: 328150
Ion Ratio Lower Upper
204 100
206 31.9 25.4 38.0
141 82.9 61.6 92.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.79 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

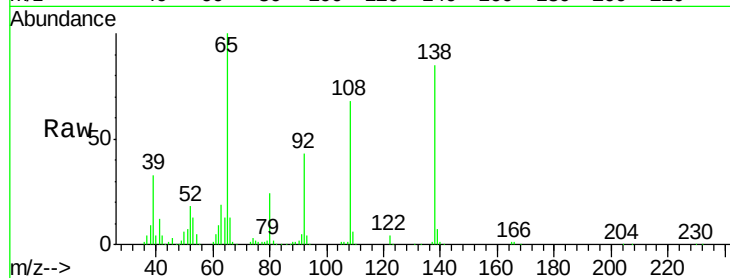
Tgt Ion:138 Resp: 217415

Ion Ratio Lower Upper

138 100

92 51.0 24.7 64.7

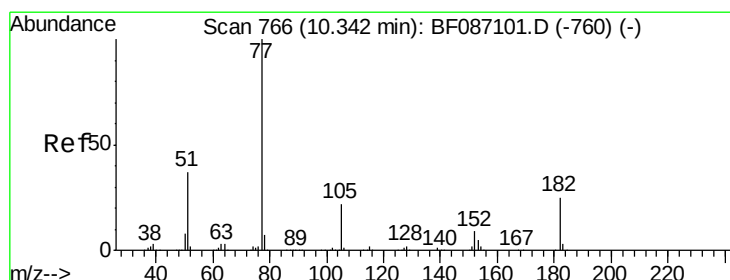
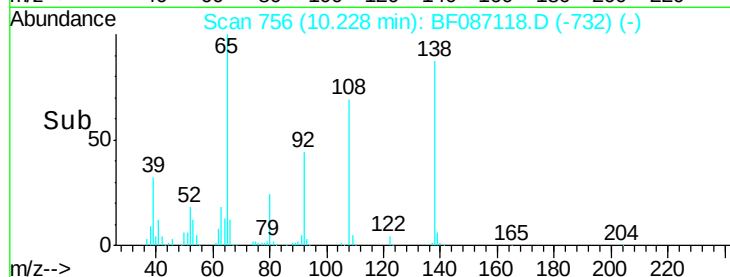
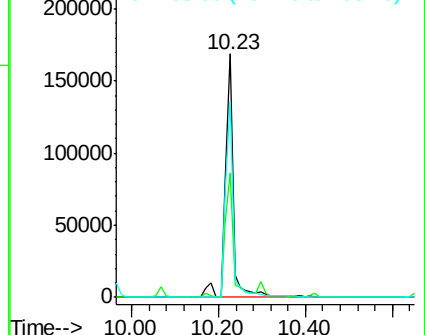
108 80.4 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.08 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Tgt Ion: 77 Resp: 864952

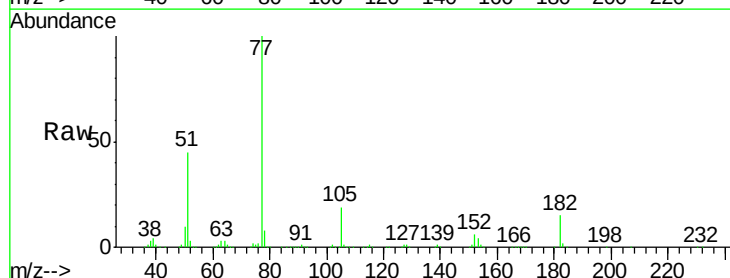
Ion Ratio Lower Upper

77 100

182 15.2 0.0 38.8

105 18.8 3.2 43.2

51 44.6 8.8 48.8

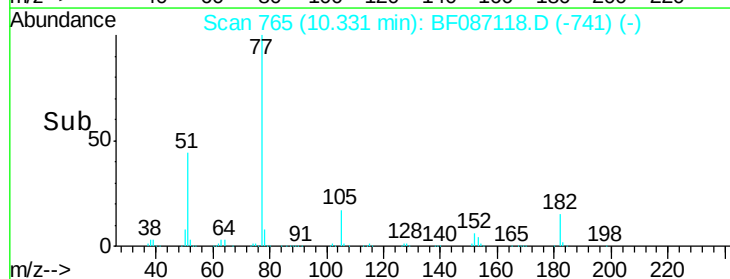
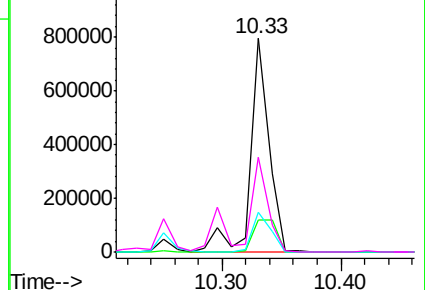


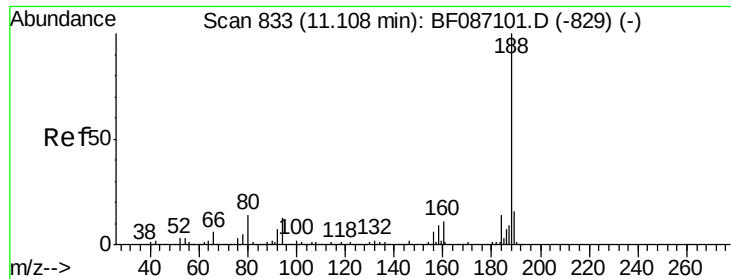
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

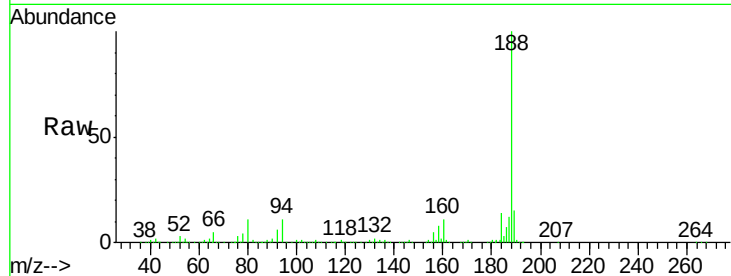




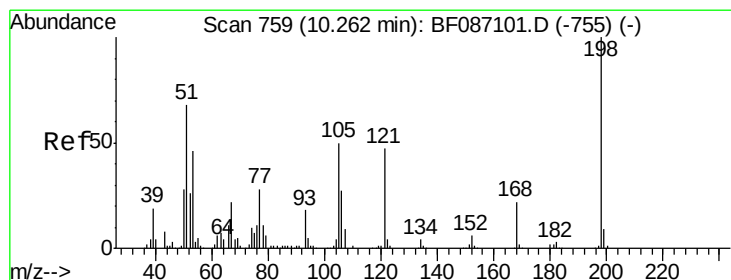
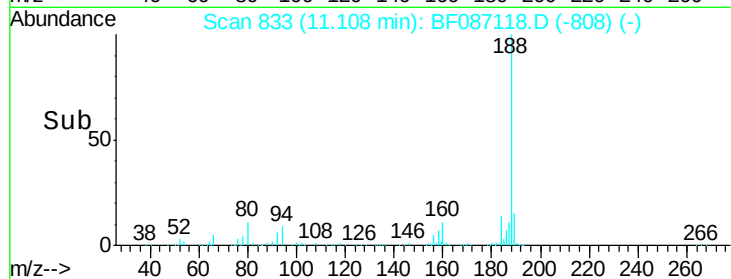
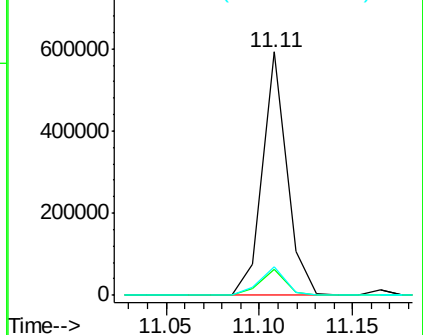
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:188 Resp: 536056
 Ion Ratio Lower Upper
 188 100
 94 10.7 6.8 10.2#
 80 11.5 7.1 10.7#

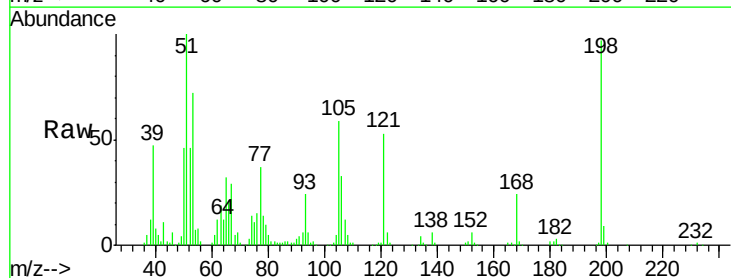


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

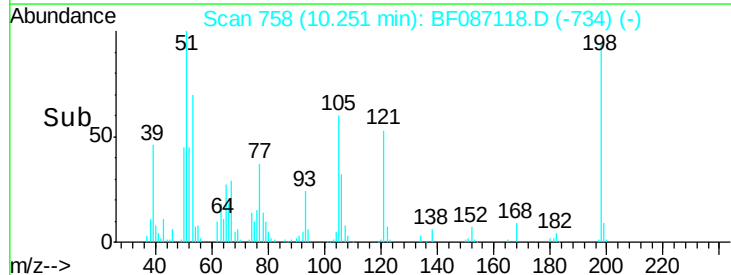
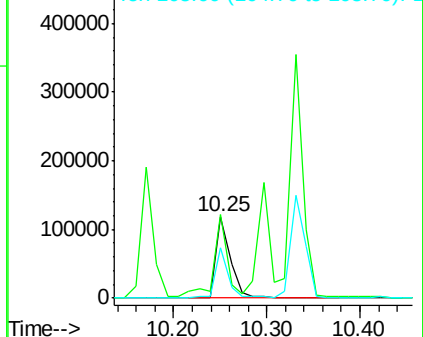


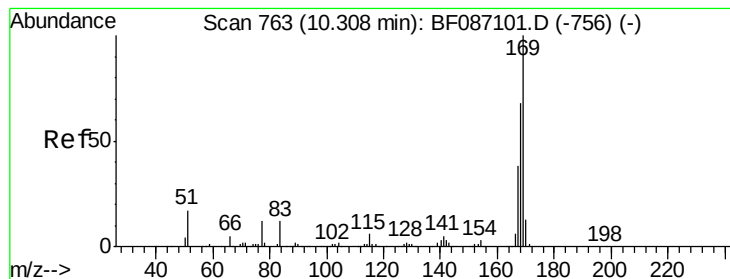
#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.65 ng
 RT: 10.25 min Scan# 758
 Delta R.T. -0.02 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

Tgt Ion:198 Resp: 129401
 Ion Ratio Lower Upper
 198 100
 51 103.2 20.5 60.5#
 105 61.4 24.5 64.5



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: 36.02 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

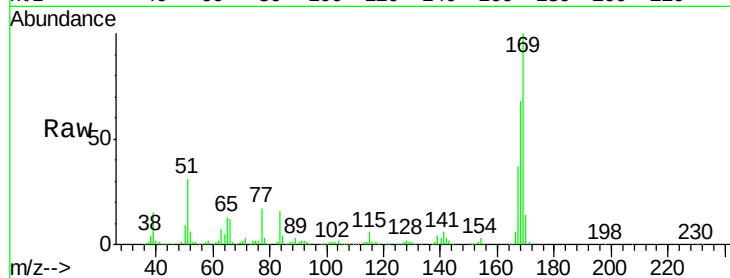
Tgt Ion:169 Resp: 607669

Ion Ratio Lower Upper

169 100

168 67.6 53.8 80.6

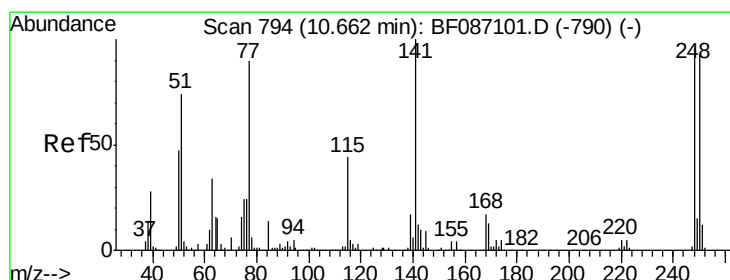
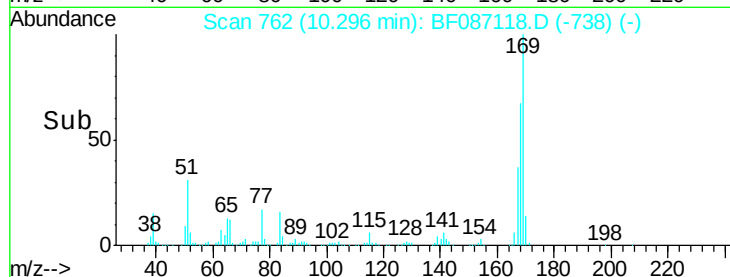
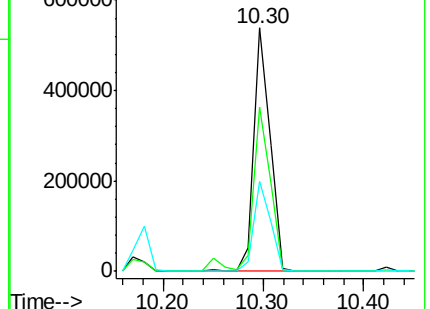
167 36.8 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.58 ng

RT: 10.66 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

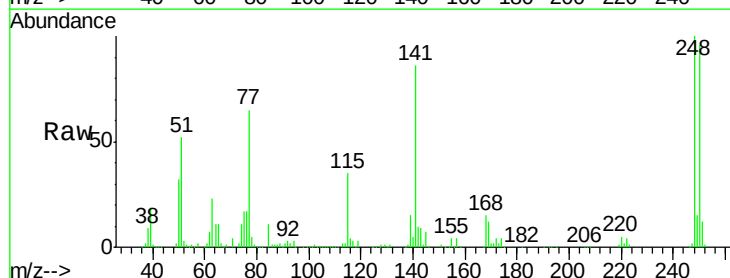
Tgt Ion:248 Resp: 218188

Ion Ratio Lower Upper

248 100

250 96.4 78.6 117.8

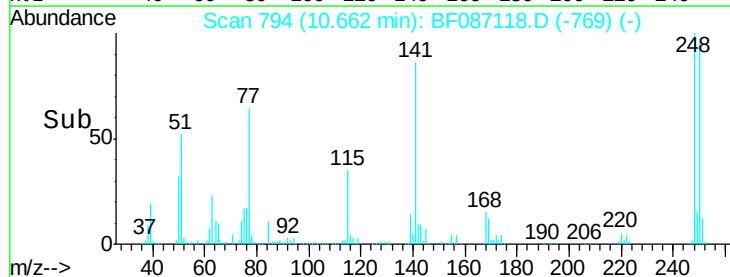
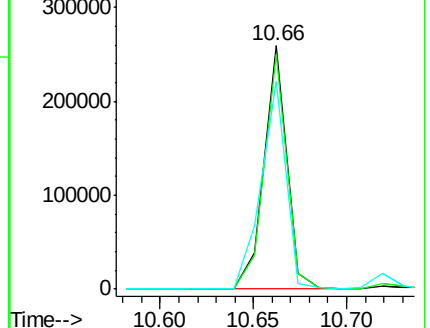
141 85.5 76.0 114.0

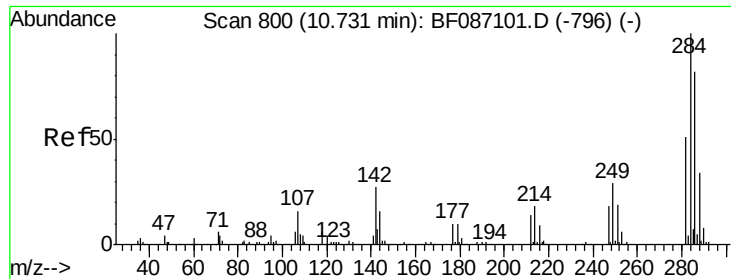


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

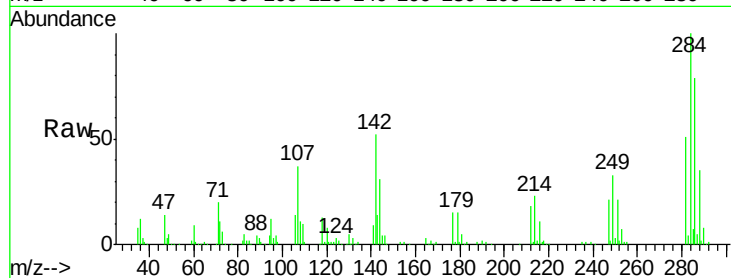




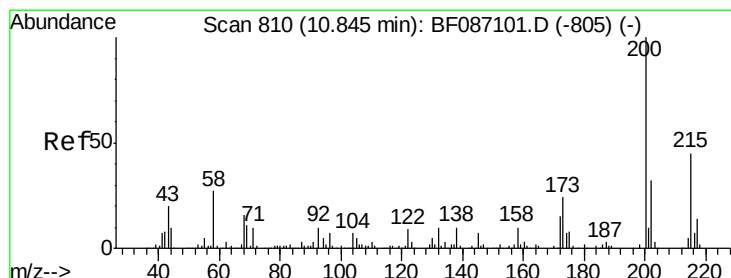
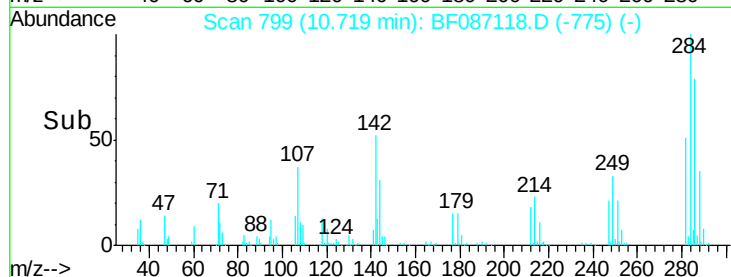
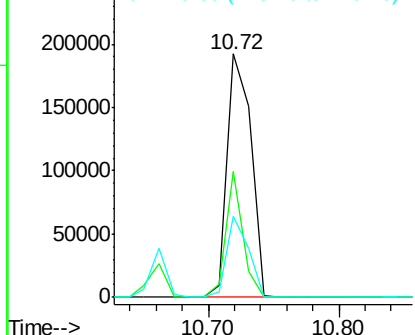
#67
Hexachlorobenzene
Concen: 38.23 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF087118.D
Acq: 17 May 2016 22:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 244320
Ion Ratio Lower Upper
284 100
142 51.9 16.7 25.1#
249 33.2 21.3 31.9#

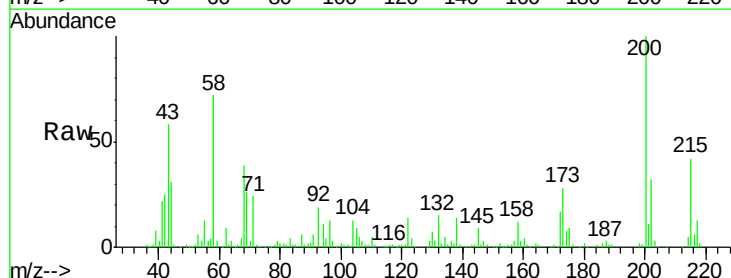


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

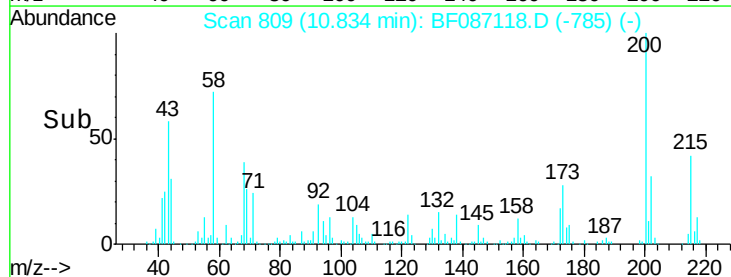
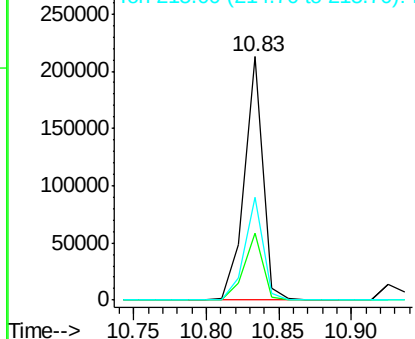


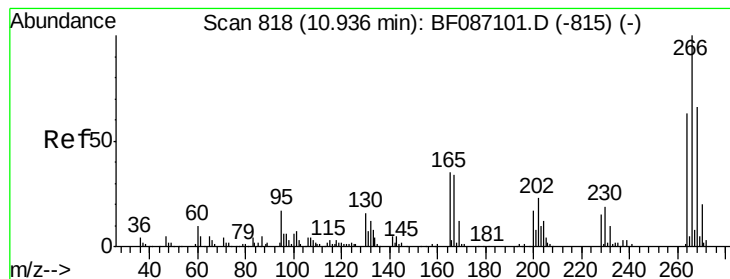
#68
Atrazine
Concen: 34.33 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF087118.D
Acq: 17 May 2016 22:56

Tgt Ion:200 Resp: 188926
Ion Ratio Lower Upper
200 100
173 27.5 8.5 48.5
215 42.3 27.2 67.2



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: 39.79 ng

RT: 10.93 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

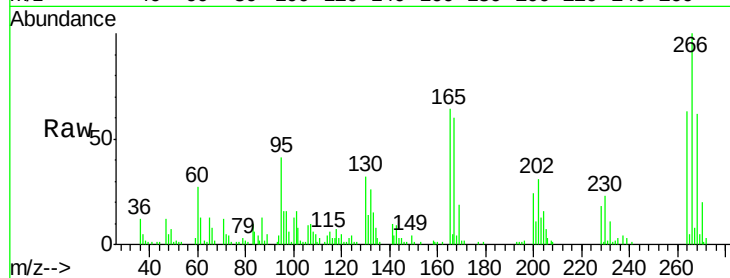
Tgt Ion:266 Resp: 95540

Ion Ratio Lower Upper

266 100

268 62.0 51.5 77.3

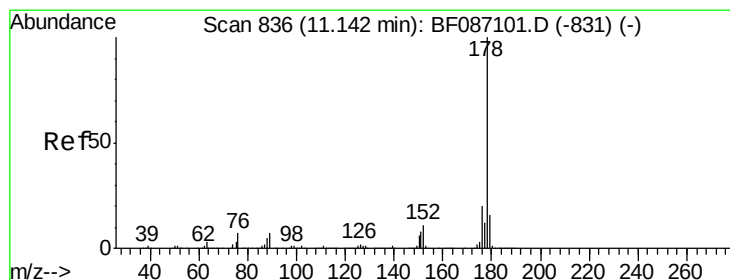
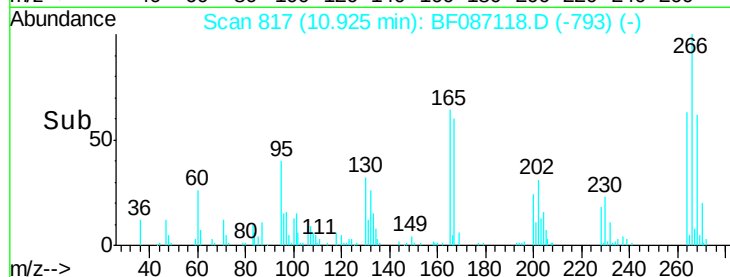
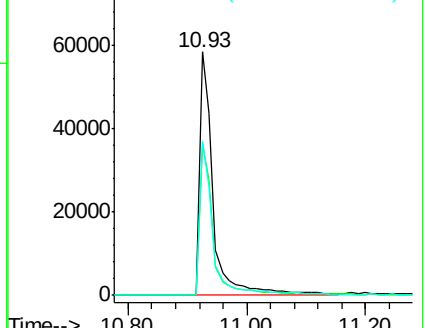
264 63.2 52.9 79.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 35.23 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

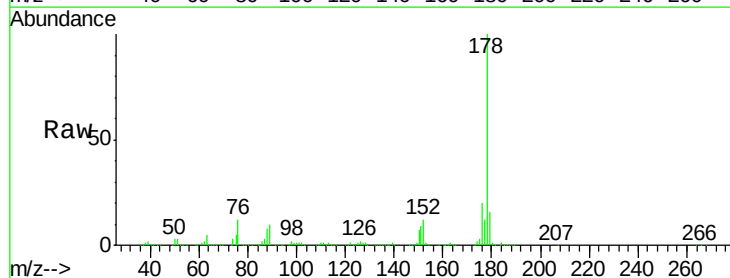
Tgt Ion:178 Resp: 1024375

Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

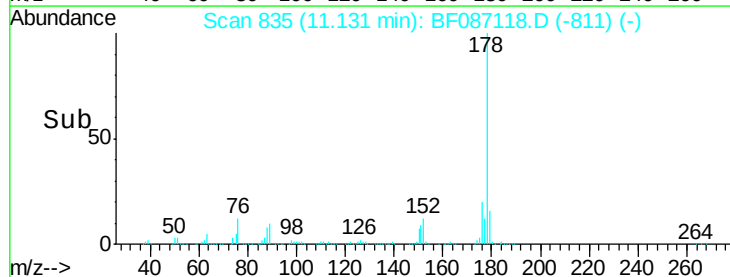
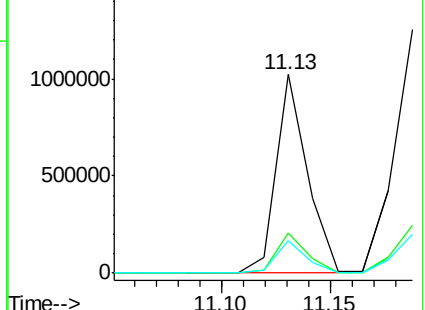
179 16.1 12.6 18.8

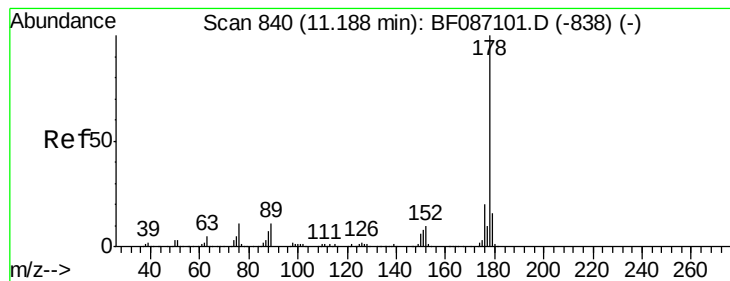


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 41.33 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

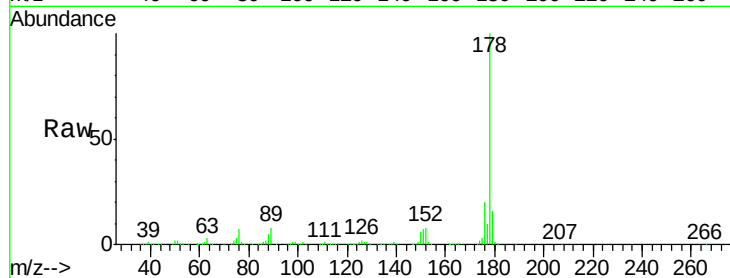
Tgt Ion:178 Resp: 1215445

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

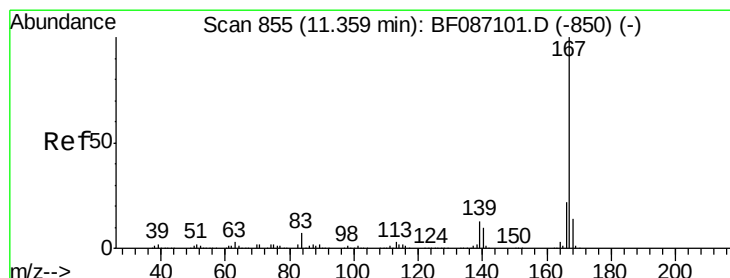
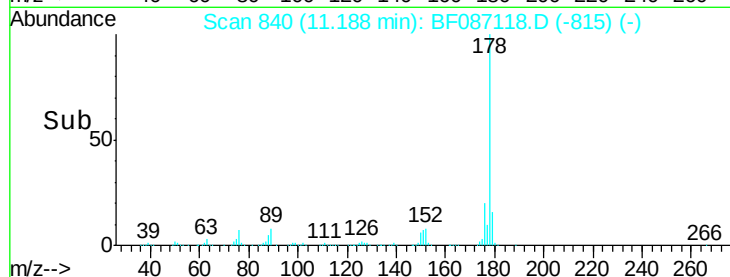
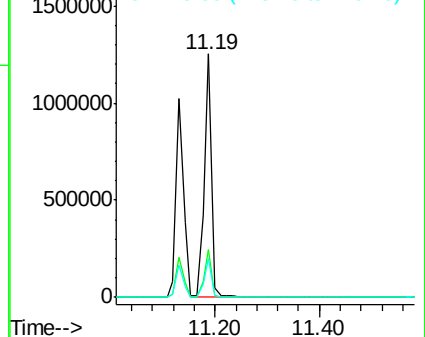
179 15.8 12.7 19.1



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: 35.18 ng

RT: 11.35 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

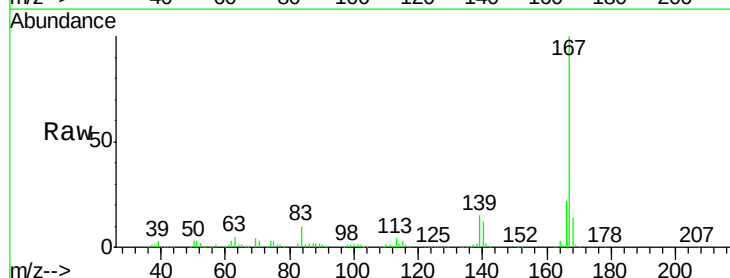
Tgt Ion:167 Resp: 945060

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

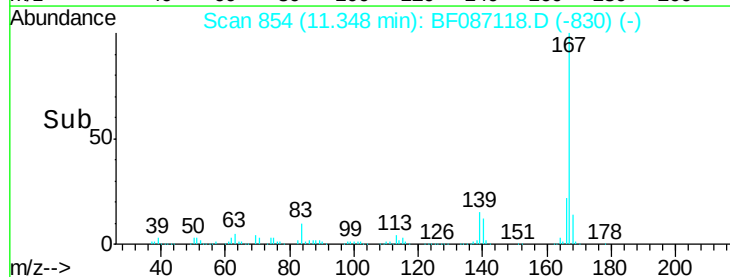
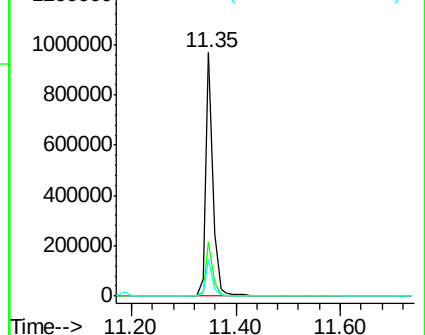
139 14.9 10.8 16.2

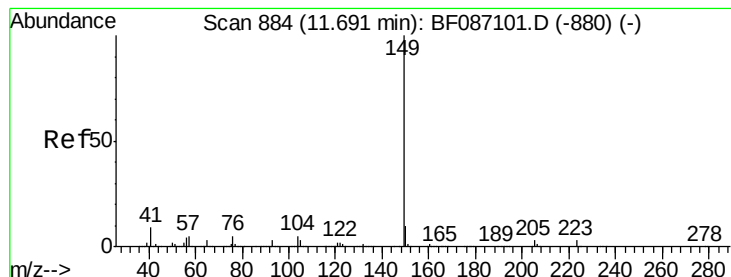


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.13 ng

RT: 11.68 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

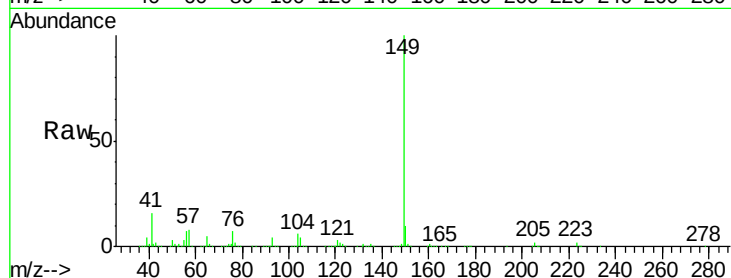
Tgt Ion:149 Resp: 1176422

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

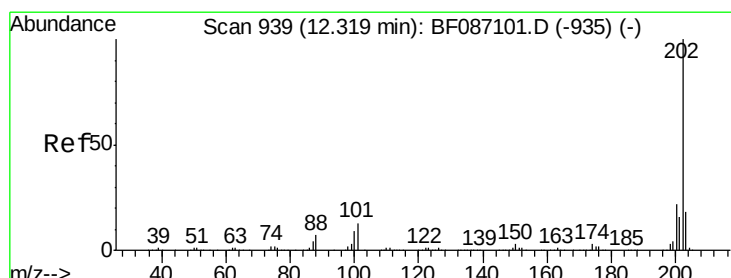
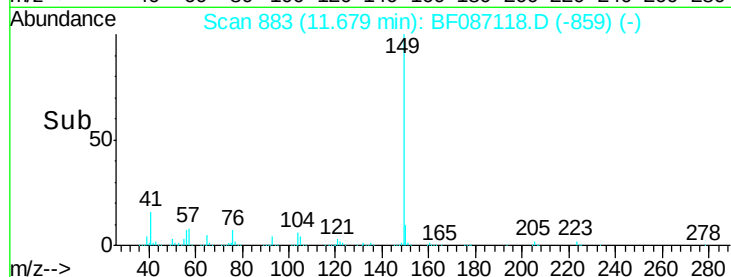
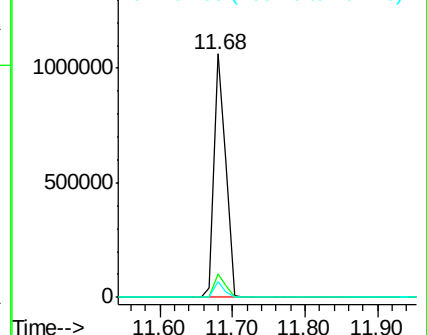
104 6.4 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.39 ng

RT: 12.32 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

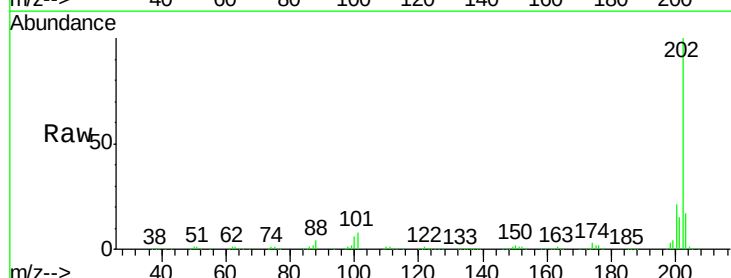
Tgt Ion:202 Resp: 1176612

Ion Ratio Lower Upper

202 100

101 7.8 0.0 35.4

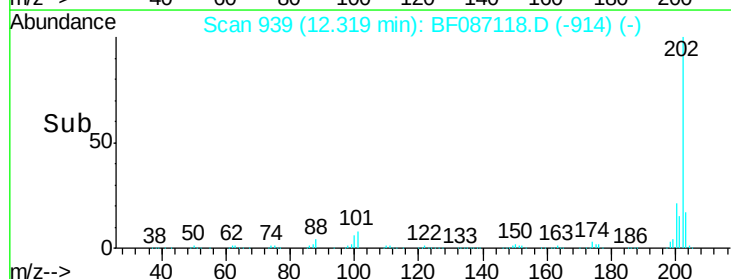
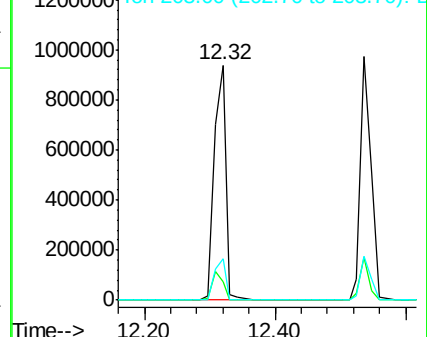
203 17.4 0.0 38.1

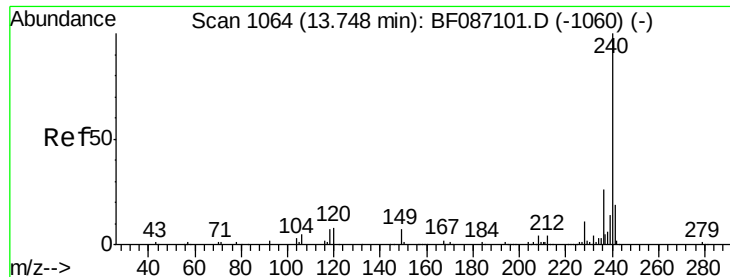


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

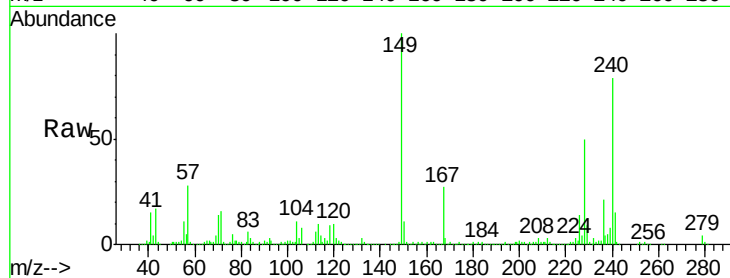
Tgt Ion:240 Resp: 401264

Ion Ratio Lower Upper

240 100

120 13.2 11.2 16.8

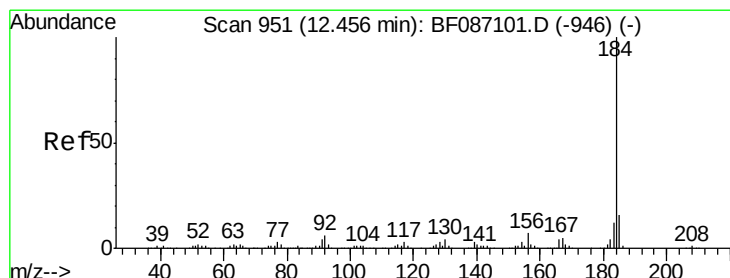
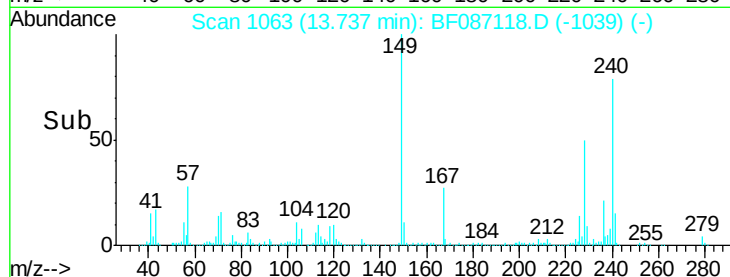
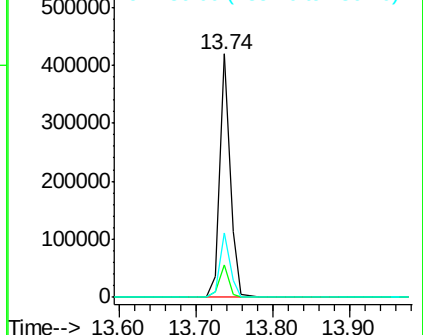
236 26.6 21.2 31.8



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: 23.61 ng

RT: 12.45 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

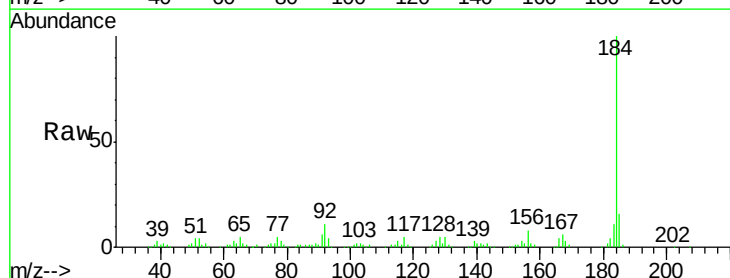
Tgt Ion:184 Resp: 301738

Ion Ratio Lower Upper

184 100

185 16.1 13.6 20.4

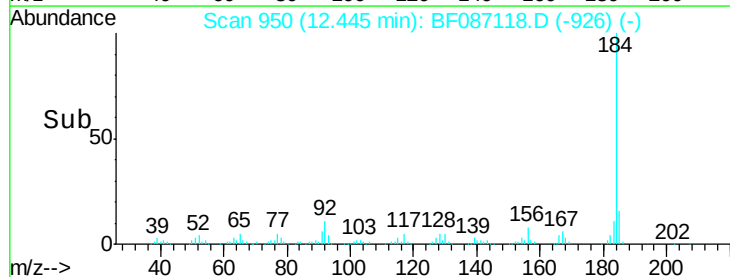
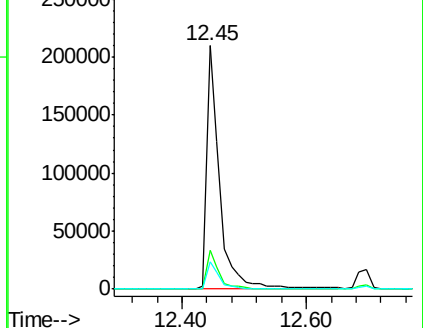
183 11.4 9.8 14.6

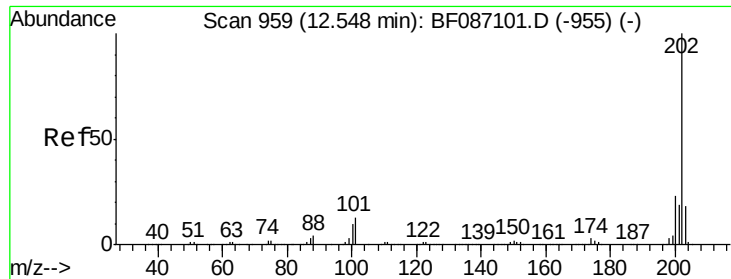


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

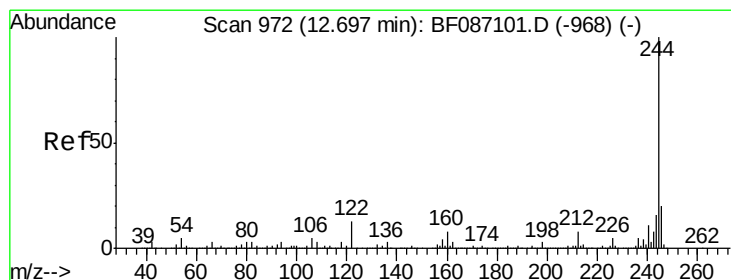
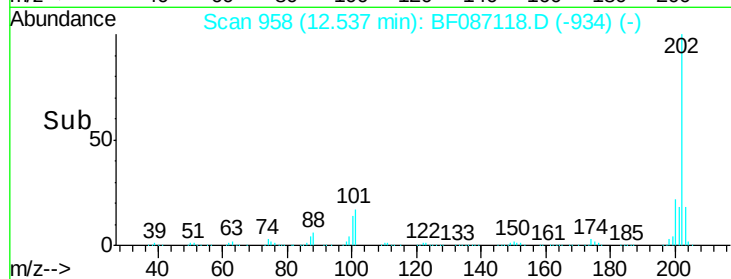
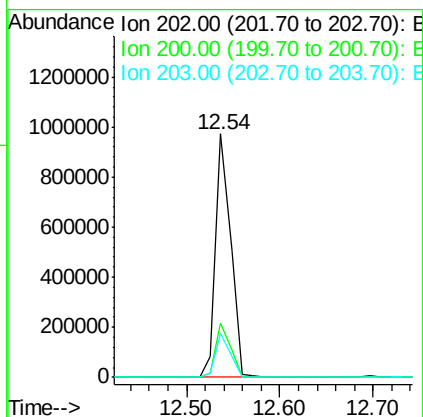
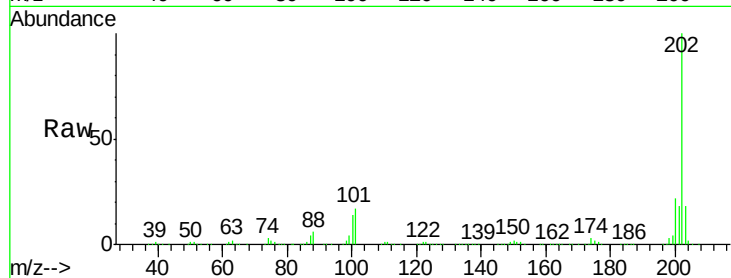




#77
 Pyrene
 Concen: 37.62 ng
 RT: 12.54 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

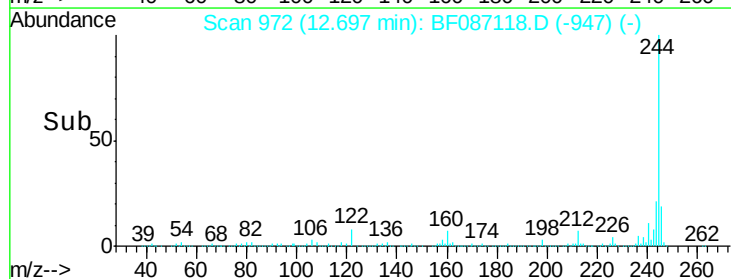
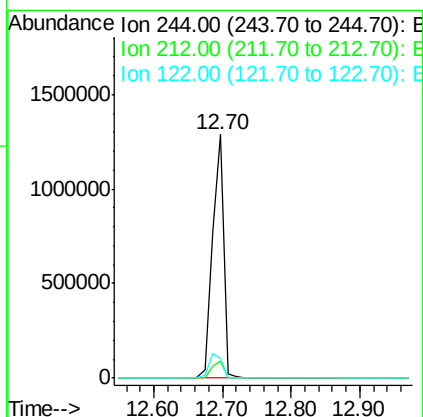
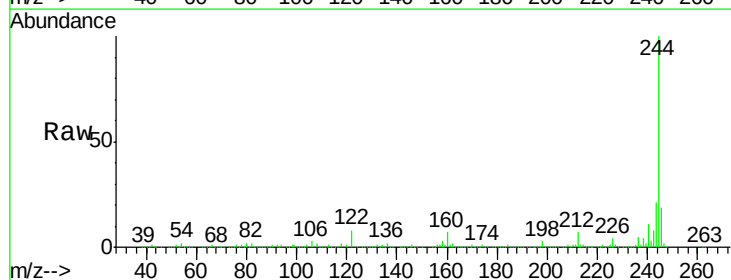
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

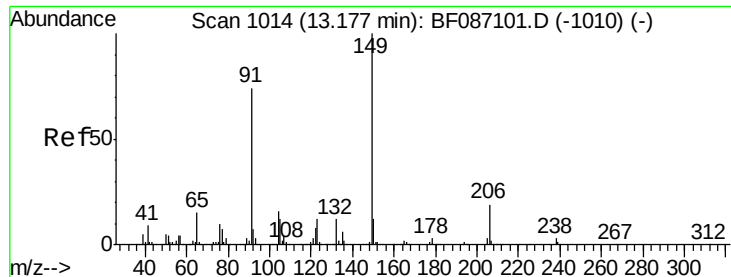
Tgt Ion:202 Resp: 1090457
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.7 26.5
 203 18.0 14.2 21.4



#78
 Terphenyl-d14
 Concen: 83.17 ng
 RT: 12.70 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

Tgt Ion:244 Resp: 1475238
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 8.0 12.0 18.0#

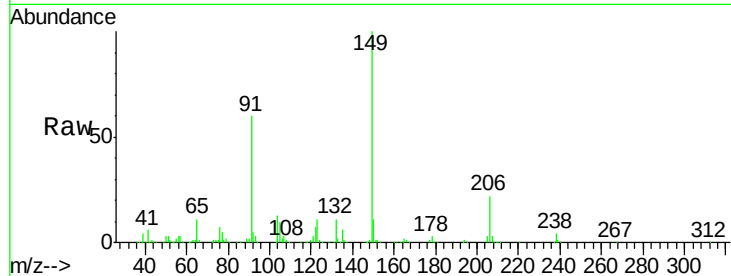




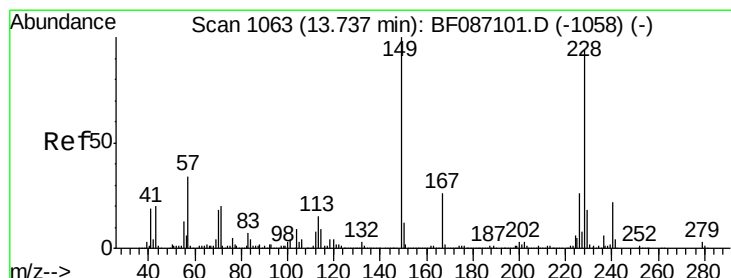
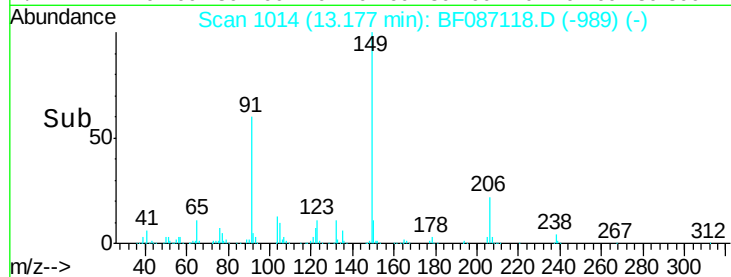
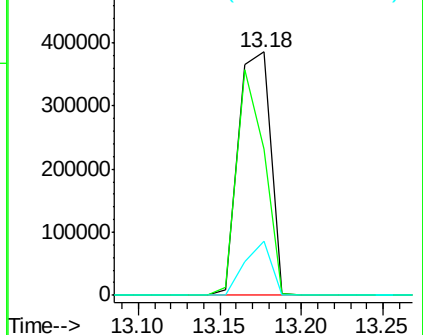
#79
Butylbenzylphthalate
Concen: 43.00 ng
RT: 13.18 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF087118.D
Acq: 17 May 2016 22:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
91	60.2	48.0	72.0
206	22.4	15.8	23.6

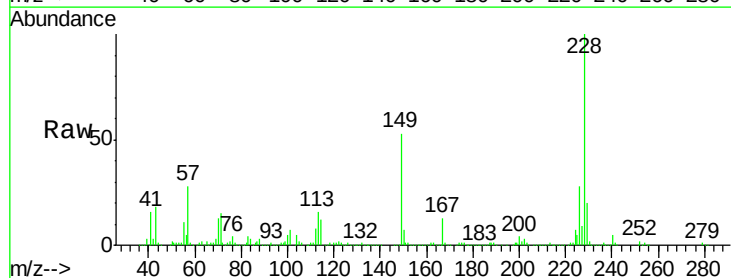


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

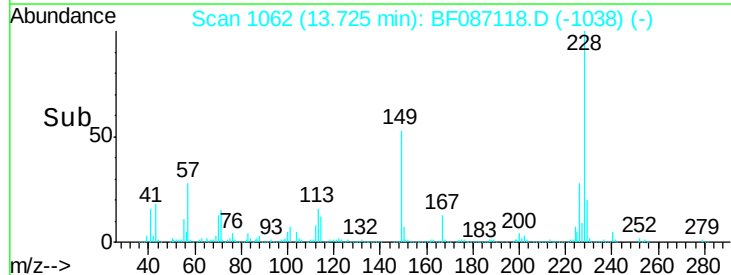
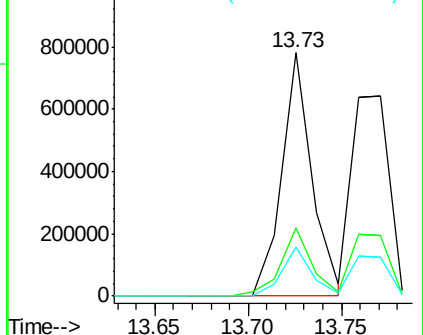


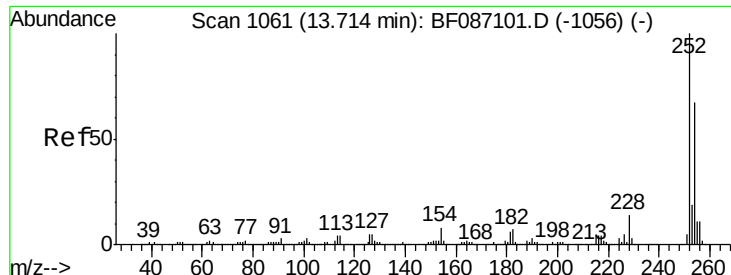
#80
Benzo(a)anthracene
Concen: 37.98 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF087118.D
Acq: 17 May 2016 22:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.3	16.6	25.0



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

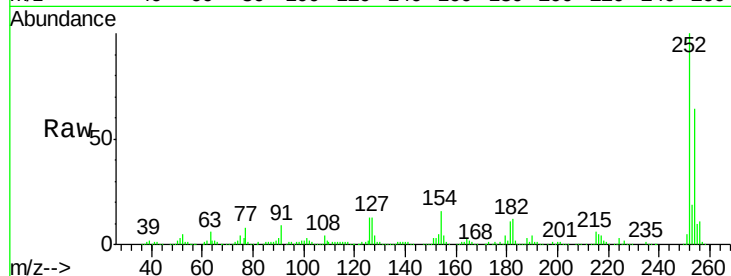




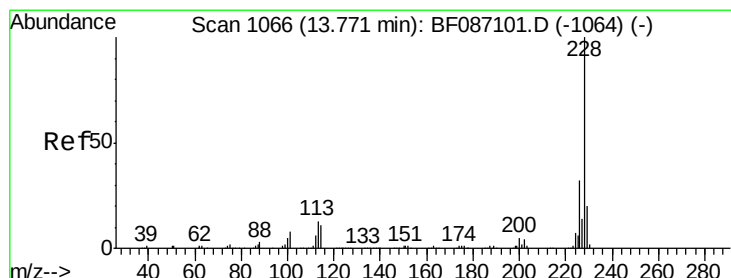
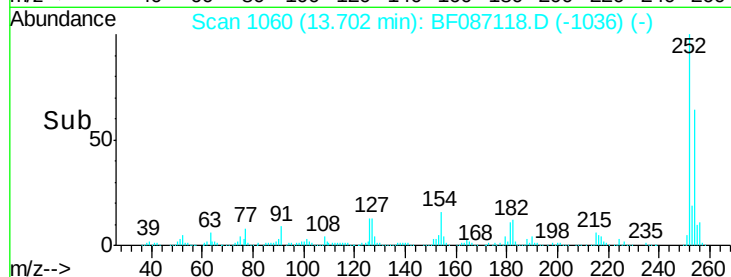
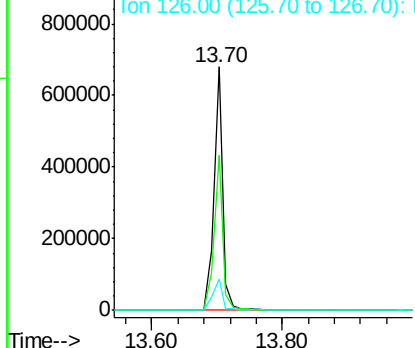
#81
 3,3'-Dichlorobenzidine
 Concen: 44.44 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 252 Resp: 656138
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.7 76.1
 126 12.8 12.7 19.1

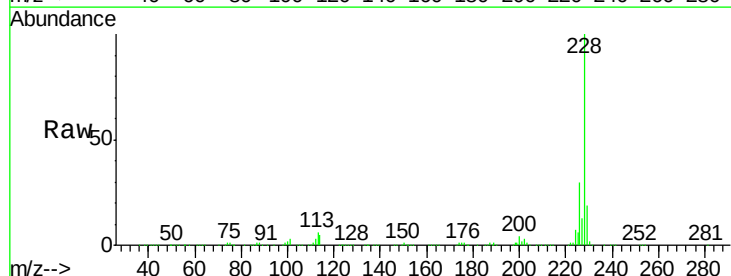


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

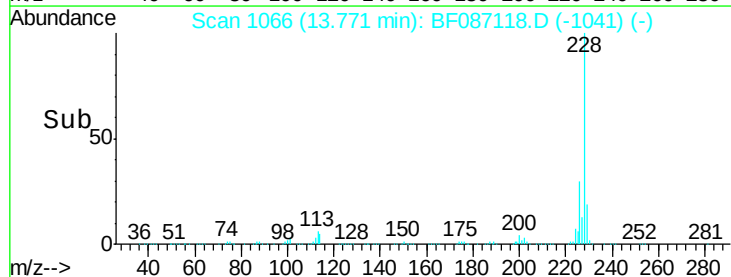
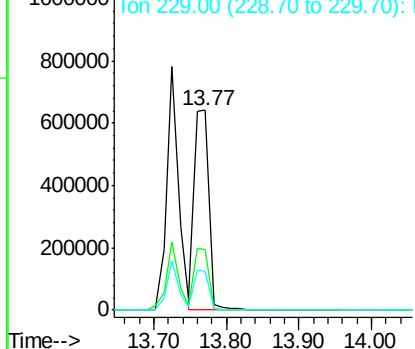


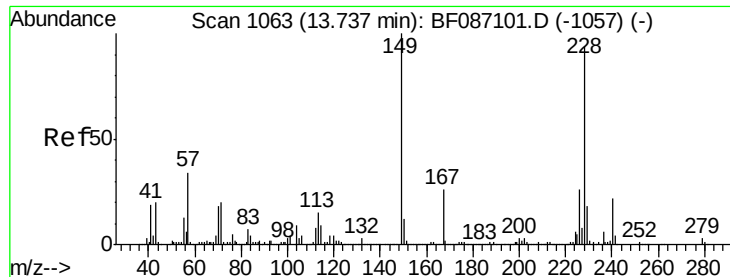
#82
 Chrysene
 Concen: 40.54 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

Tgt Ion: 228 Resp: 910005
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.4 36.6
 229 19.3 15.8 23.8



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

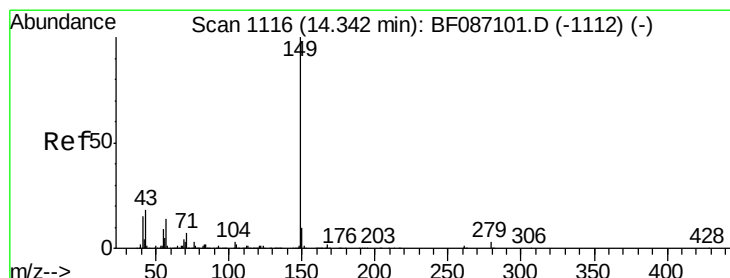
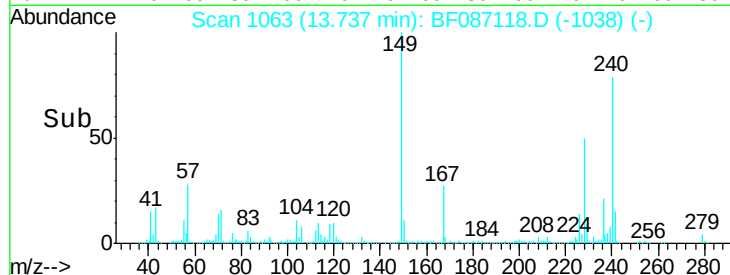
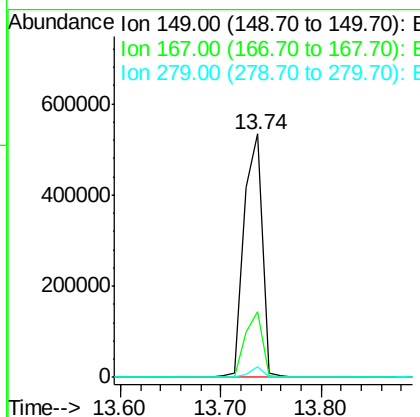
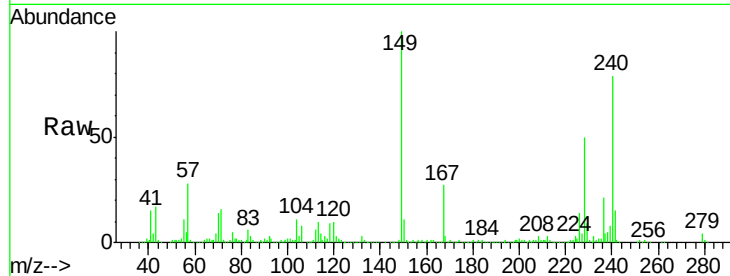




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.26 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

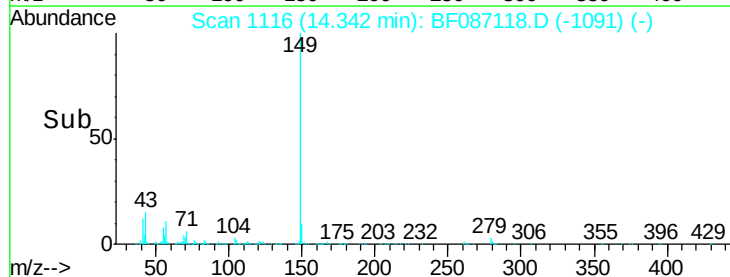
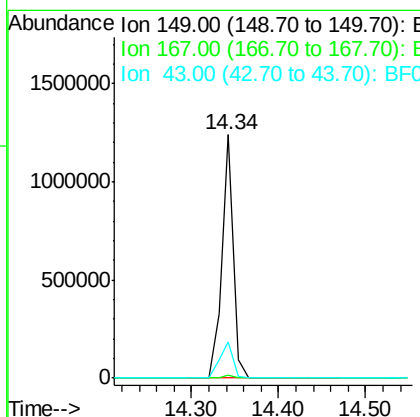
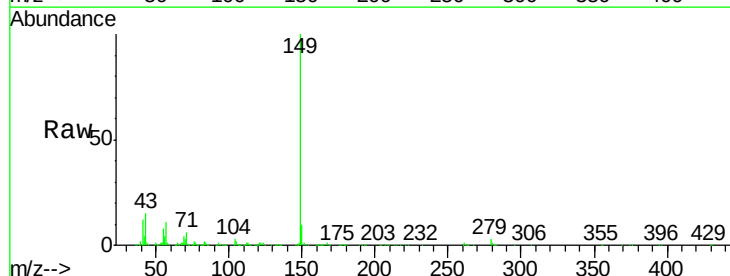
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

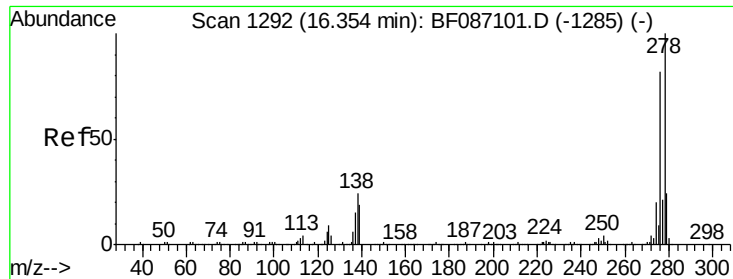
Tgt Ion:149 Resp: 674040
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.8 32.6
 279 4.2 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 44.93 ng
 RT: 14.34 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

Tgt Ion:149 Resp: 1152699
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 17.7 8.2 12.4#

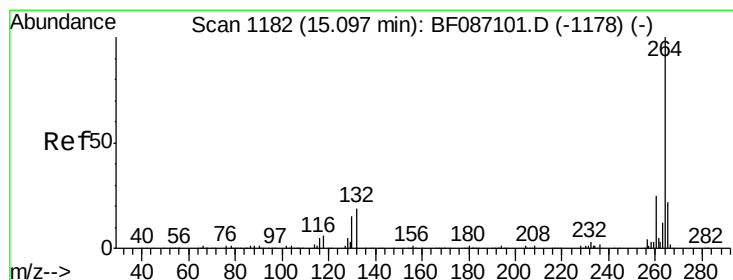
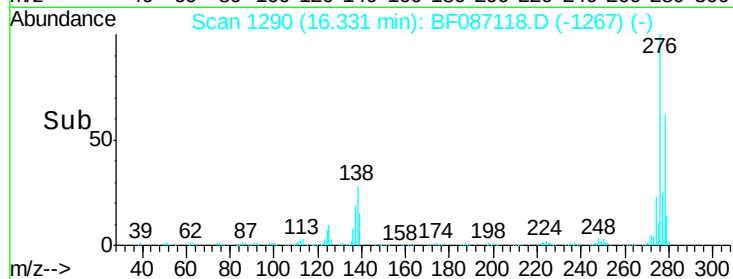
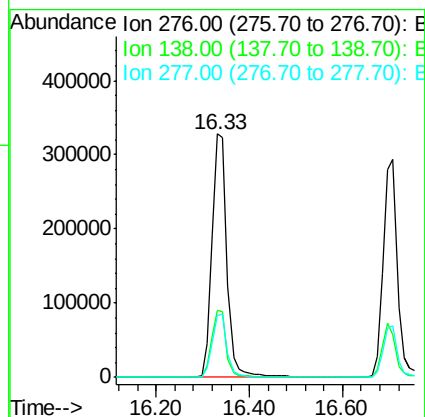
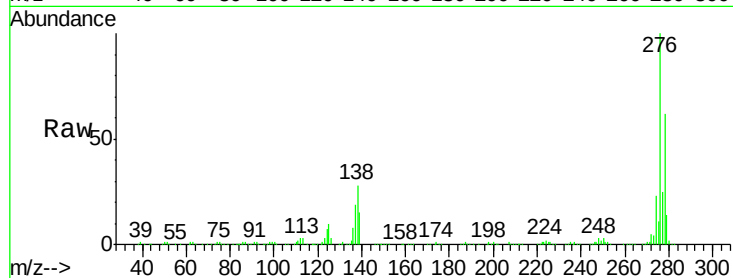




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.03 ng
 RT: 16.33 min Scan# 1290
 Delta R.T. -0.03 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

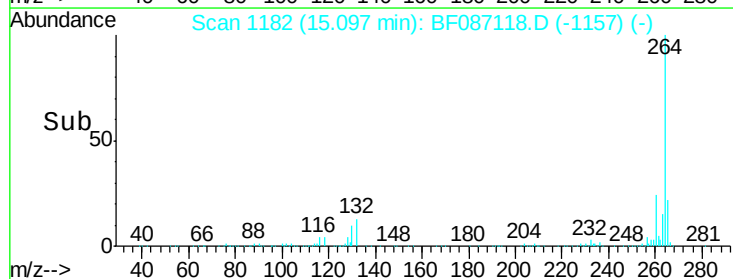
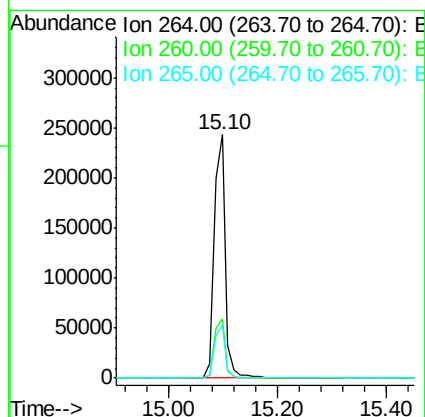
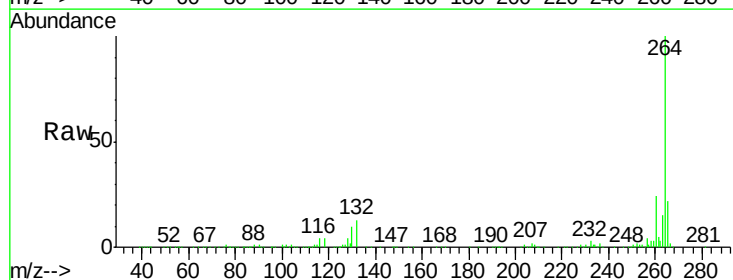
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

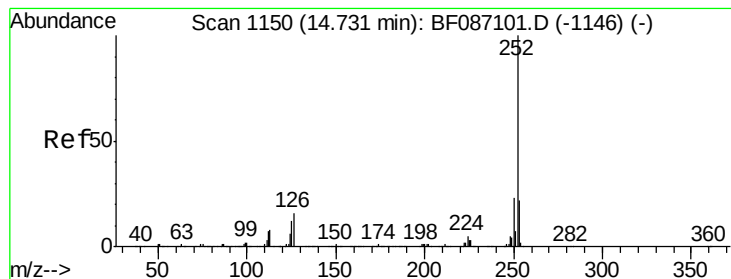
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.6	38.4
277	25.6	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF087118.D
 Acq: 17 May 2016 22:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 69.93 ng

RT: 14.75 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

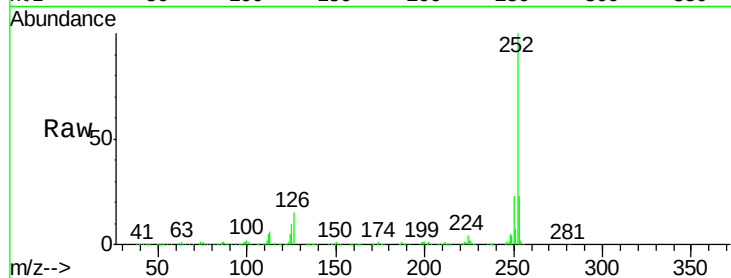
Tgt Ion:252 Resp: 1634470

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

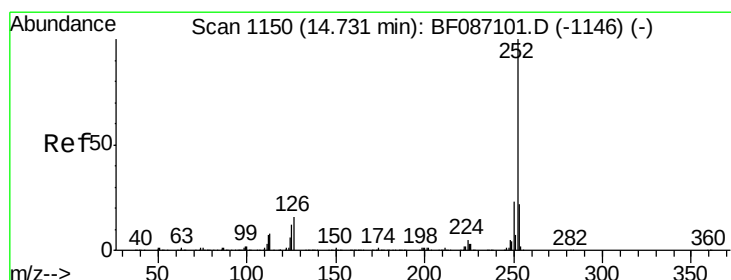
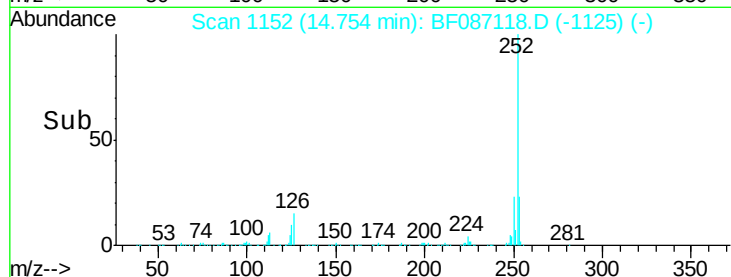
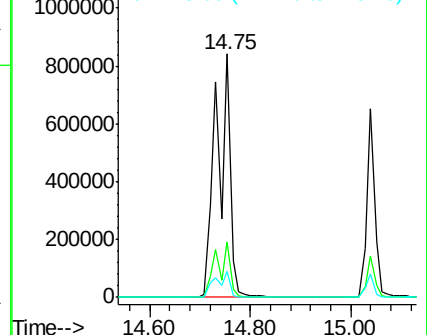
125 10.5 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 93.96 ng

RT: 14.75 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

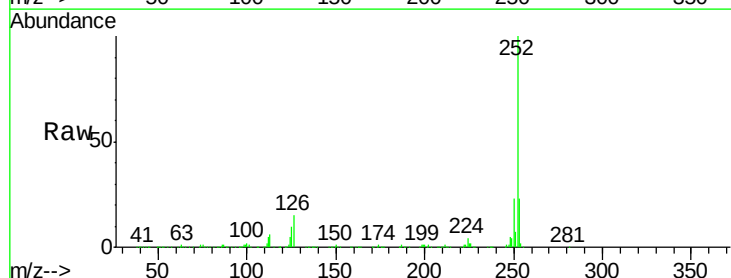
Tgt Ion:252 Resp: 1634921

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

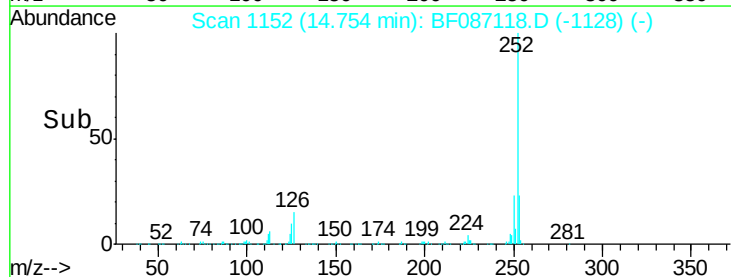
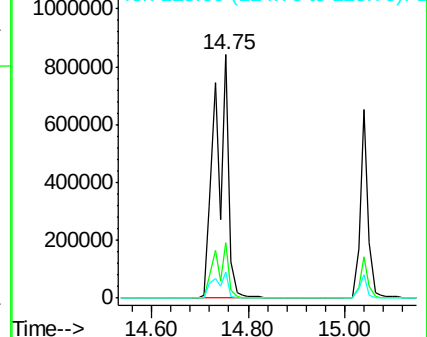
125 10.5 9.1 13.7

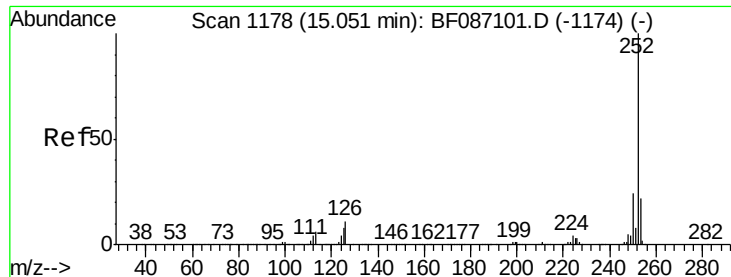


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.56 ng

RT: 15.04 min Scan# 1177

Delta R.T. -0.02 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

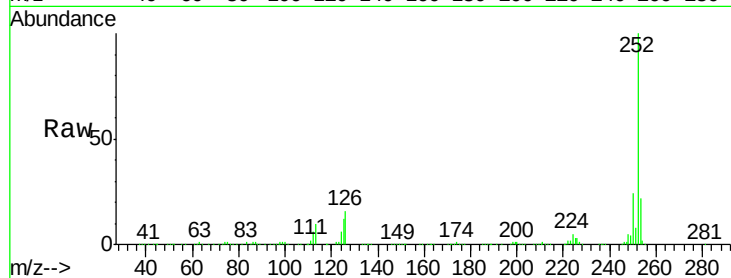
Tgt Ion:252 Resp: 733720

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

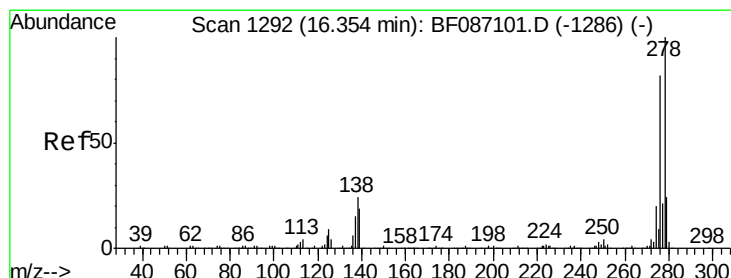
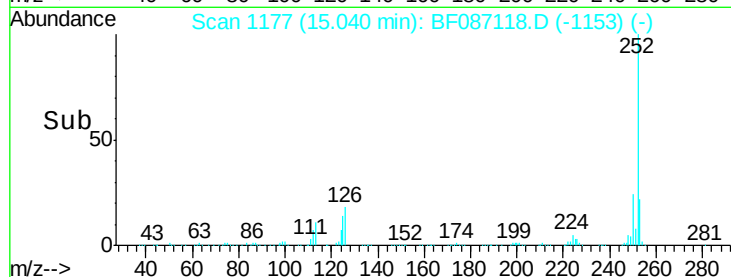
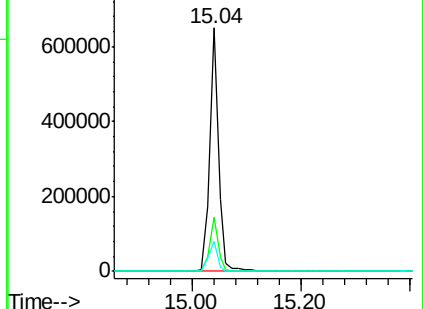
125 12.4 9.0 13.6



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: 38.07 ng

RT: 16.34 min Scan# 1291

Delta R.T. -0.03 min

Lab File: BF087118.D

Acq: 17 May 2016 22:56

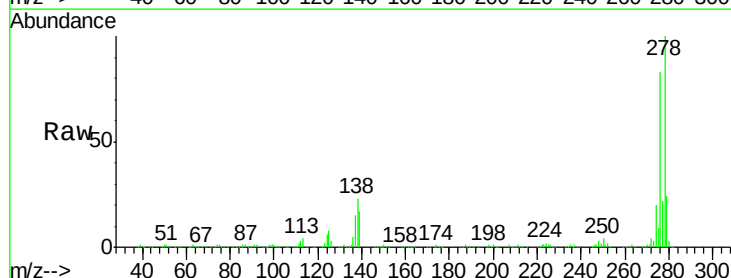
Tgt Ion:278 Resp: 626188

Ion Ratio Lower Upper

278 100

139 17.3 16.6 24.8

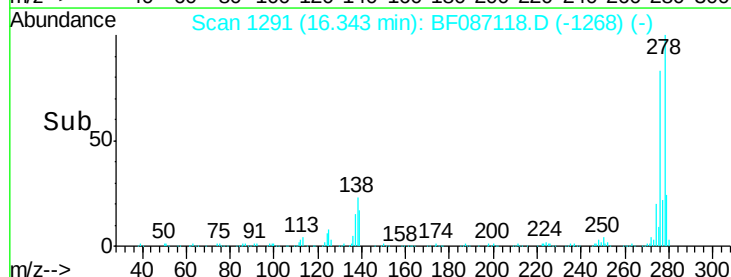
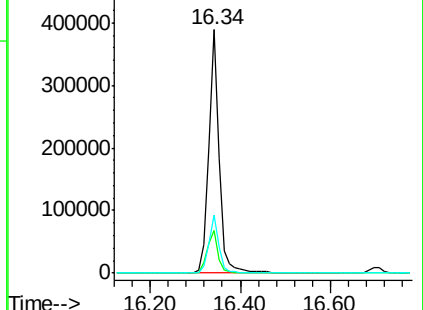
279 23.7 19.6 29.4

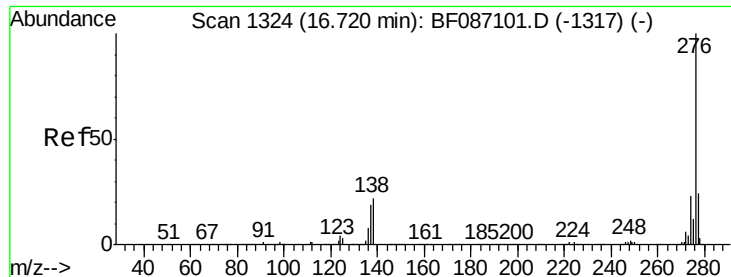


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.54 ng

RT: 16.71 min Scan# 1323

Delta R.T. -0.03 min

Lab File: BF087118.D

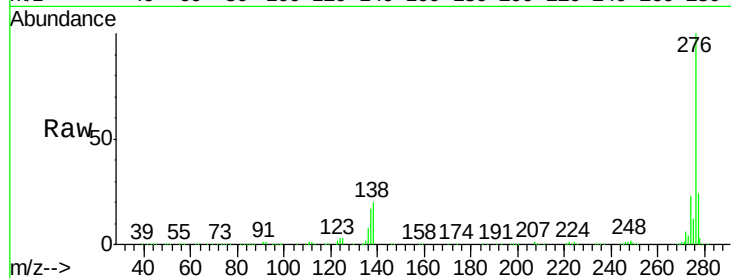
Acq: 17 May 2016 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



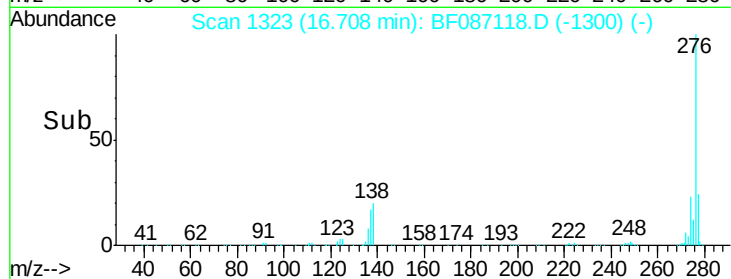
Tgt Ion: 276 Resp: 623740

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 19.8 23.6 35.4#



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

