

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097118.D
 Acq On : 27 Jul 2017 13:17
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 27 15:52:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	112994	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	478336	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	210077	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	370199	20.00	ng	-0.01
75) Chrysene-d12	13.62	240	227072	20.00	ng	-0.01
86) Perylene-d12	14.96	264	206145	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	583844	77.89	ng	-0.02
7) Phenol-d6	6.15	99	674091	78.78	ng	-0.02
23) Nitrobenzene-d5	7.06	82	606153	74.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	138644	83.53	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	959941	77.55	ng	-0.02
78) Terphenyl-d14	12.57	244	875856	78.64	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	126910	40.573	ng	# 77
3) Pyridine	2.63	79	417835	43.624	ng	# 66
4) n-Nitrosodimethylamine	2.59	42	229659	43.281	ng	# 80
6) Aniline	6.15	93	415102	38.549	ng	# 79
8) 2-Chlorophenol	6.27	128	324512	40.489	ng	# 92
9) Benzaldehyde	6.03	77	190528	37.617	ng	# 99
10) Phenol	6.17	94	403078	39.712	ng	# 94
11) bis(2-Chloroethyl)ether	6.23	93	303612	37.821	ng	# 91
12) 1,3-Dichlorobenzene	6.43	146	331419	38.371	ng	# 98
13) 1,4-Dichlorobenzene	6.50	146	337179	39.391	ng	# 95
14) 1,2-Dichlorobenzene	6.66	146	302675	40.498	ng	# 99
15) Benzyl Alcohol	6.65	79	213580	39.423	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	6.78	45	596050	37.019	ng	# 93
17) 2-Methylphenol	6.77	107	237842	38.450	ng	# 90
18) Hexachloroethane	7.00	117	123899	39.565	ng	# 83
19) n-Nitroso-di-n-propylamine	6.92	70	208241	36.971	ng	# 83
20) 3+4-Methylphenols	6.93	107	316135	39.130	ng	# 63
22) Acetophenone	6.91	105	426418	37.122	ng	# 97
24) Nitrobenzene	7.08	77	321030	37.804	ng	# 91
25) Isophorone	7.32	82	590879	37.003	ng	# 97
26) 2-Nitrophenol	7.39	139	175403	38.178	ng	# 85
27) 2,4-Dimethylphenol	7.45	122	286511	37.804	ng	# 97
28) bis(2-Chloroethoxy)methane	7.54	93	369882	35.495	ng	# 99
29) 2,4-Dichlorophenol	7.65	162	252795	38.719	ng	# 97
30) 1,2,4-Trichlorobenzene	7.72	180	246016	39.532	ng	# 97
31) Naphthalene	7.79	128	867101	38.455	ng	# 99
32) Benzoic acid	7.62	122	226408	40.007	ng	# 94
33) 4-Chloroaniline	7.85	127	357860	39.005	ng	# 99
34) Hexachlorobutadiene	7.92	225	127052	38.510	ng	# 98
35) Caprolactam	8.24	113	91459	43.686	ng	# 53
36) 4-Chloro-3-methylphenol	8.35	107	276123	38.765	ng	# 87
37) 2-Methylnaphthalene	8.49	142	547606	38.357	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	227076	40.510	ng	# 99
40) Hexachlorocyclopentadiene	8.64	237	53960	31.852	ng	# 98

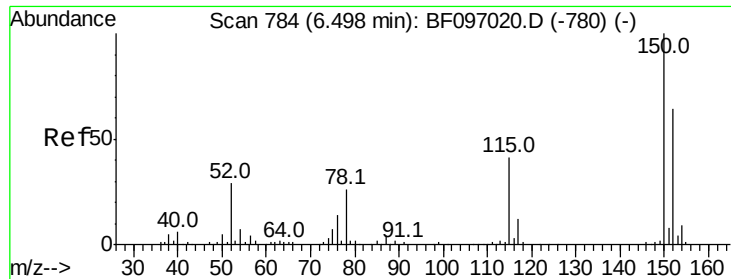
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097118.D
 Acq On : 27 Jul 2017 13:17
 Operator : SJ/JU
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Quant Time: Jul 27 15:52:35 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	157416	38.753	nq	98
43) 2,4,5-Trichlorophenol	8.82	196	157839	38.821	nq	98
45) 1,1'-Biphenyl	8.95	154	693170	38.631	nq	99
46) 2-Chloronaphthalene	8.97	162	504381	38.198	nq	# 92
47) 2-Nitroaniline	9.07	65	179876	37.536	nq	95
48) Acenaphthylene	9.38	152	762316	37.612	nq	99
49) Dimethylphthalate	9.26	163	632858	39.670	nq	99
50) 2,6-Dinitrotoluene	9.32	165	131880	38.977	nq	# 87
51) Acenaphthene	9.55	154	451633	37.830	nq	98
52) 3-Nitroaniline	9.49	138	167136	39.797	nq	# 88
53) 2,4-Dinitrophenol	9.60	184	65178	42.367	nq	# 75
54) Dibenzofuran	9.72	168	613121	38.557	nq	96
55) 4-Nitrophenol	9.67	139	100262	40.144	nq	# 64
56) 2,4-Dinitrotoluene	9.72	165	154156	39.633	nq	# 47
57) Fluorene	10.06	166	489349	40.944	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.85	232	111832	39.836	nq	98
59) Diethylphthalate	9.96	149	568432	38.839	nq	99
60) 4-Chlorophenyl-phenylether	10.06	204	202551	41.041	nq	99
61) 4-Nitroaniline	10.10	138	166738	41.783	nq	93
62) Azobenzene	10.22	77	524634	38.640	nq	92
64) 4,6-Dinitro-2-methylphenol	10.13	198	93302	40.559	nq	91
65) n-Nitrosodiphenylamine	10.18	169	468144	36.345	nq	97
66) 4-Bromophenyl-phenylether	10.55	248	132078	35.750	nq	96
67) Hexachlorobenzene	10.62	284	150992	36.445	nq	96
68) Atrazine	10.72	200	139740	37.833	nq	94
69) Pentachlorophenol	10.81	266	73126	42.659	nq	98
70) Phenanthrene	11.02	178	744680	37.543	nq	99
71) Anthracene	11.07	178	762441	37.530	nq	100
72) Carbazole	11.23	167	743268	37.200	nq	99
73) Di-n-butylphthalate	11.57	149	899179	36.407	nq	99
74) Fluoranthene	12.20	202	715001	36.795	nq	97
76) Benzidine	12.32	184	355217	42.160	nq	# 94
77) Pyrene	12.42	202	728953	39.213	nq	99
79) Butylbenzylphthalate	13.05	149	363016	38.390	nq	# 77
80) Benzo(a)anthracene	13.60	228	567503	38.625	nq	98
81) 3,3'-Dichlorobenzidine	13.57	252	226373	40.857	nq	# 96
82) Chrysene	13.64	228	554734	38.666	nq	99
83) Bis(2-ethylhexyl)phthalate	13.62	149	449223	36.385	nq	100
84) Di-n-octyl phthalate	14.23	149	774135	34.167	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.19	276	429552	34.917	nq	99
87) Benzo(b)fluoranthene	14.60	252	508978	41.074	nq	98
88) Benzo(k)fluoranthene	14.63	252	453322	38.390	nq	97
89) Benzo(a)pyrene	14.91	252	429167	37.841	nq	99
90) Dibenzo(a,h)anthracene	16.19	278	345564	37.156	nq	96
91) Benzo(g,h,i)perylene	16.54	276	378577	38.816	nq	99

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

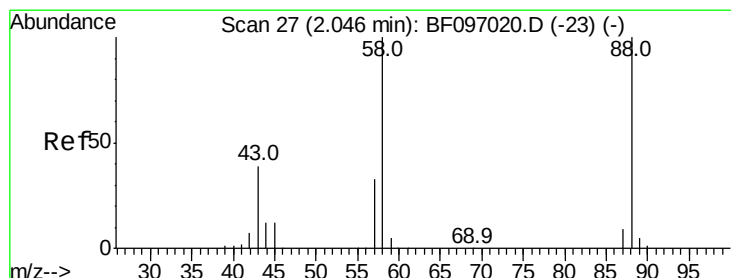
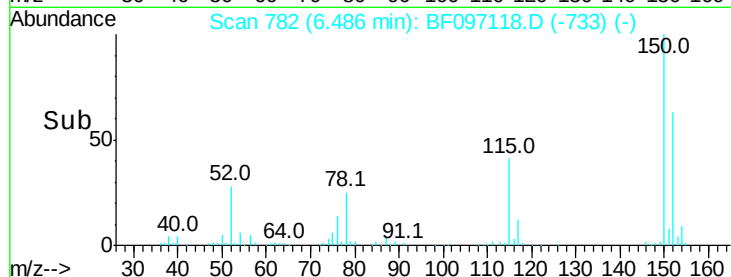
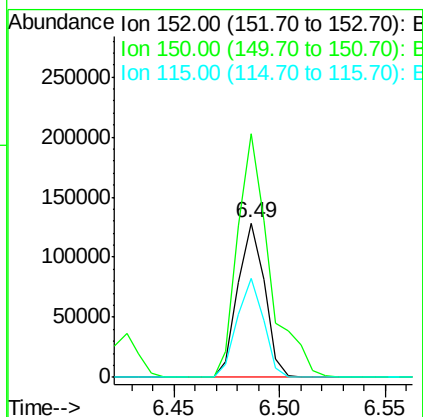
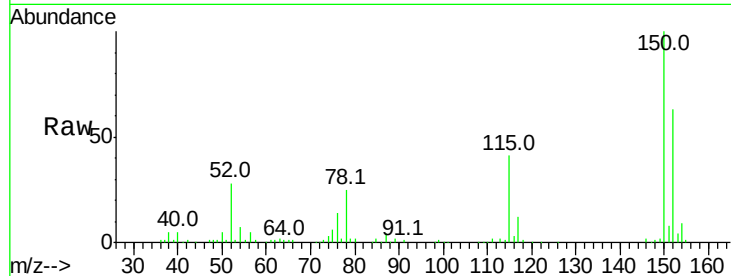


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

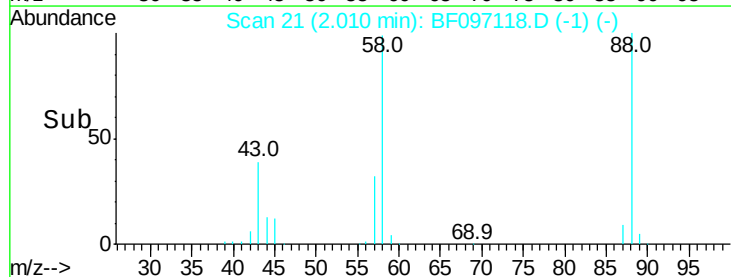
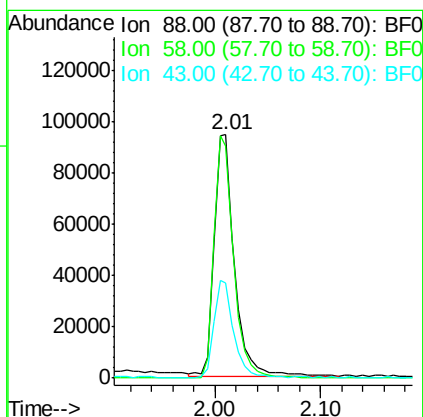
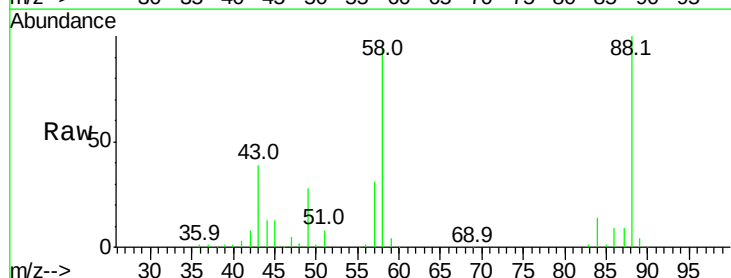
Tot Ion:152 Resp: 112994
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 64.0 52.2 78.2

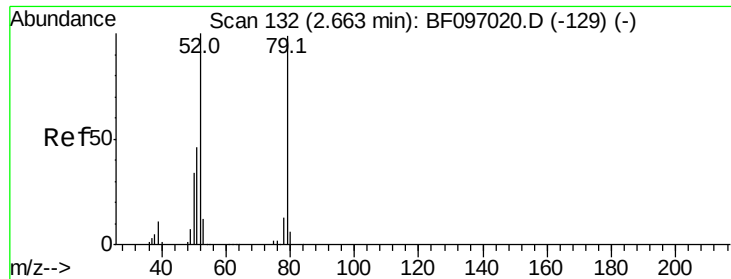


#2

1,4-Dioxane
Concen: 40.573 ng
RT: 2.01 min Scan# 21
Delta R.T. -0.04 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

Tgt Ion: 88 Resp: 126910
Ion Ratio Lower Upper
88 100
58 97.5 61.4 92.0#
43 40.1 23.4 35.0#





#3

Pvridine

Concen: 43.624 ng

RT: 2.63 min Scan# 126

Delta R.T. -0.04 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

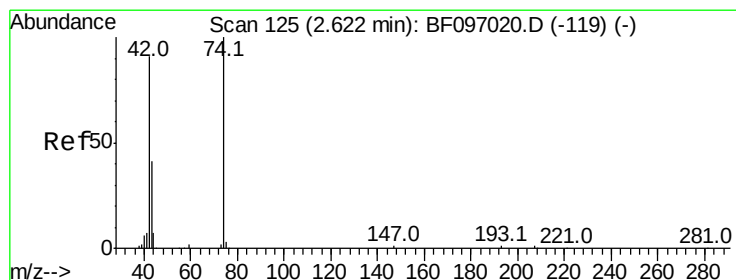
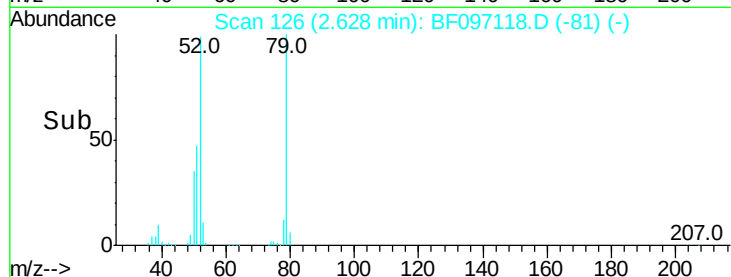
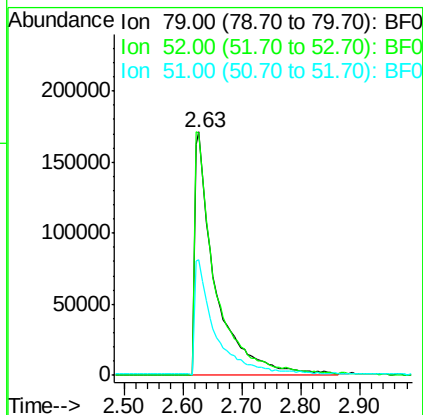
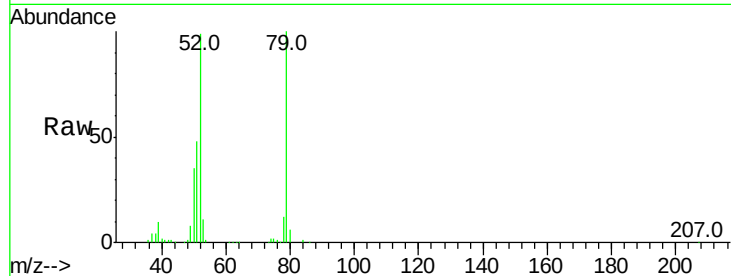
Tot Ion: 79 Resp: 417835

Ion Ratio Lower Upper

79 100

52 99.4 54.8 82.2#

51 47.6 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 43.281 ng

RT: 2.59 min Scan# 119

Delta R.T. -0.04 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

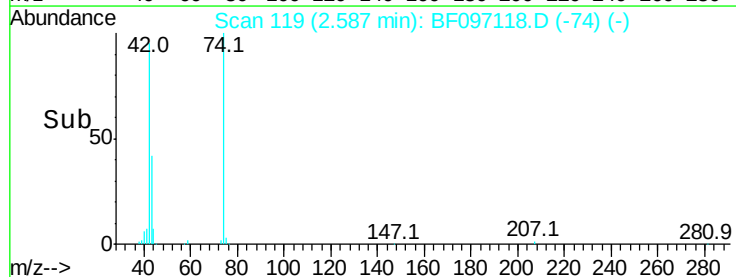
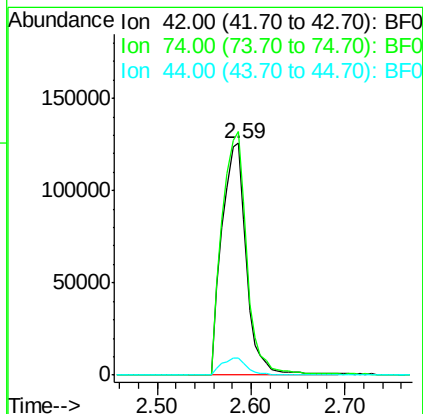
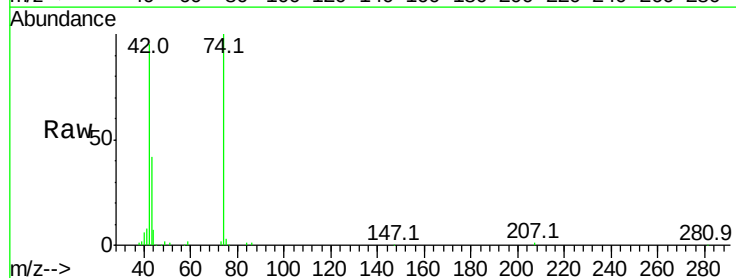
Tgt Ion: 42 Resp: 229659

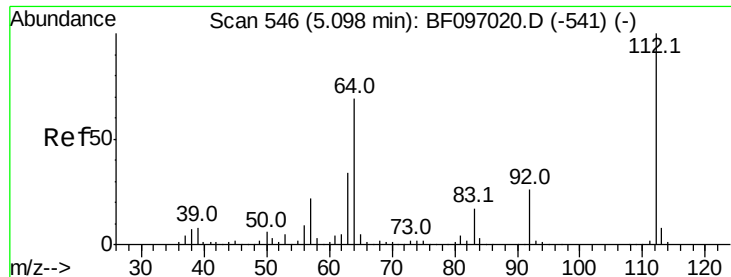
Ion Ratio Lower Upper

42 100

74 105.0 103.9 155.9

44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 77.892 ng

RT: 5.08 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

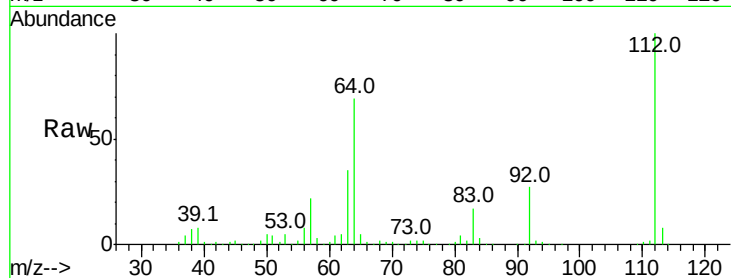
Tot Ion:112 Resp: 583844

Ion Ratio Lower Upper

112 100

64 68.7 46.0 69.0

63 34.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.08

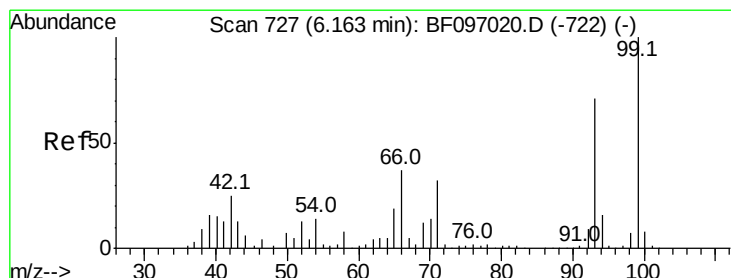
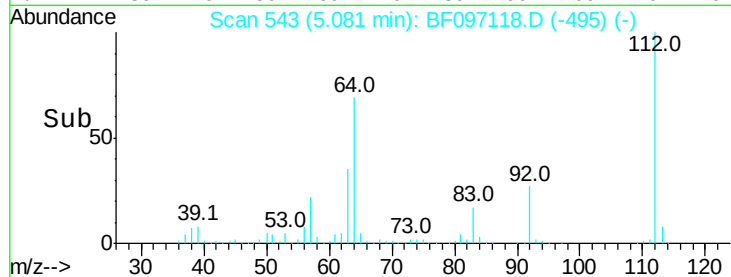
600000

400000

200000

0

Time-->



#6

Aniline

Concen: 38.549 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

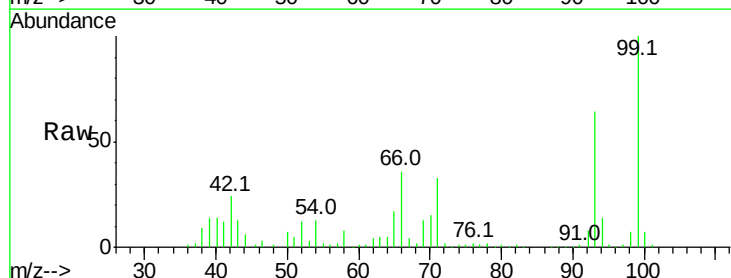
Tgt Ion: 93 Resp: 415102

Ion Ratio Lower Upper

93 100

66 55.9 32.9 49.3#

65 26.9 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

6.15

400000

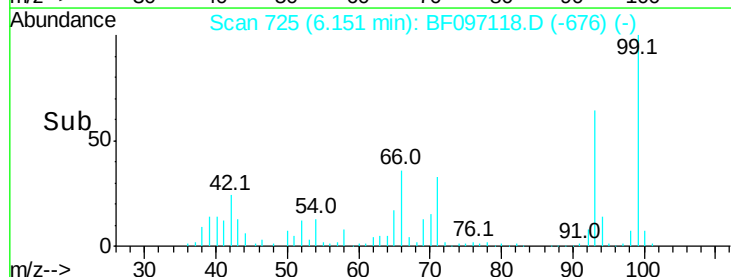
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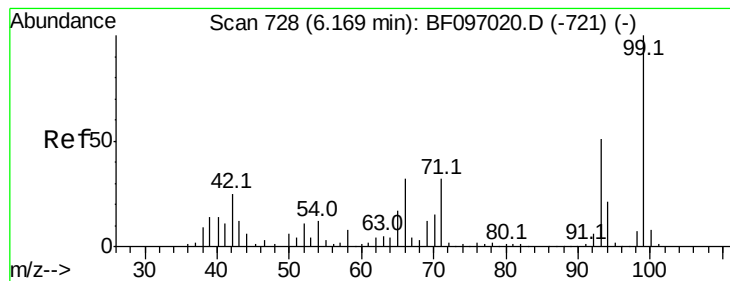
200000

100000

0

Time-->





#7

Phenol-d6

Concen: 78.776 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

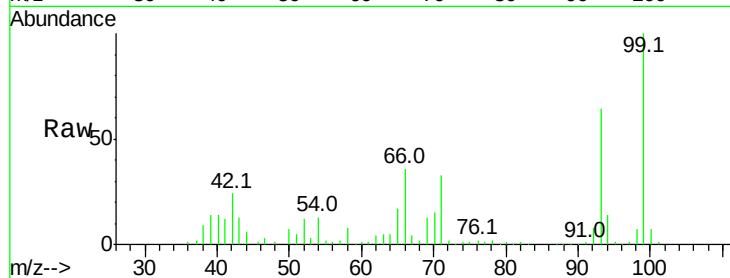
Tot Ion: 99 Resp: 674091

Ion Ratio Lower Upper

99 100

42 24.4 13.5 20.3#

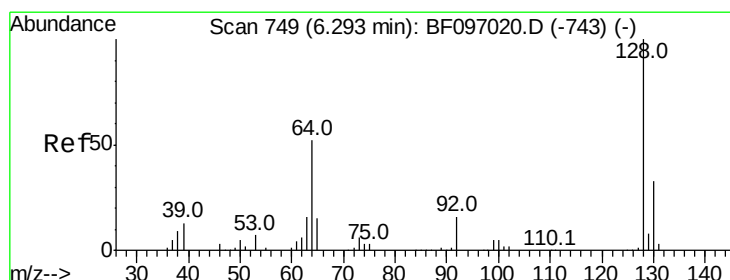
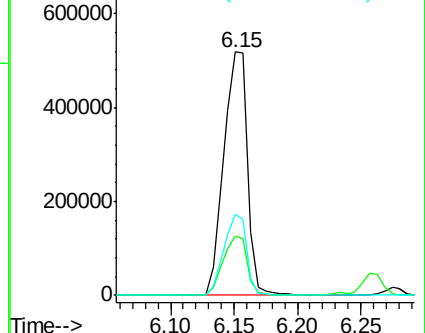
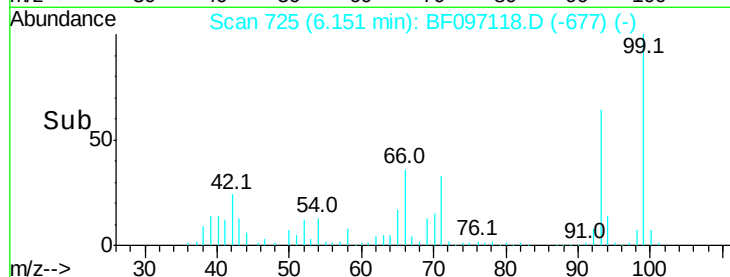
71 33.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.489 ng

RT: 6.27 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

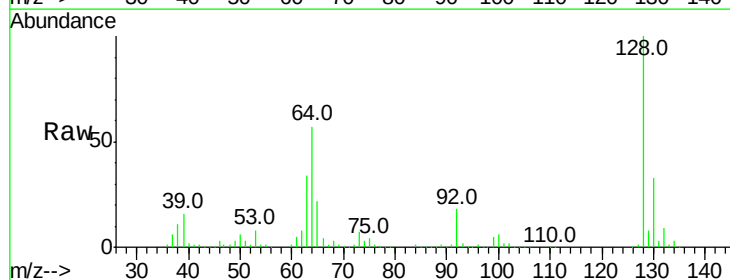
Tgt Ion: 128 Resp: 324512

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

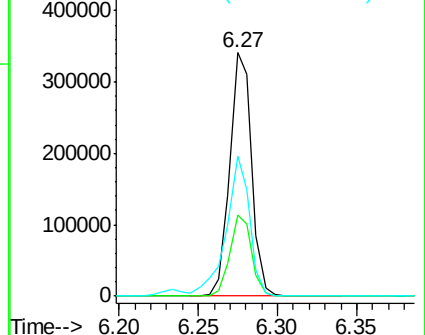
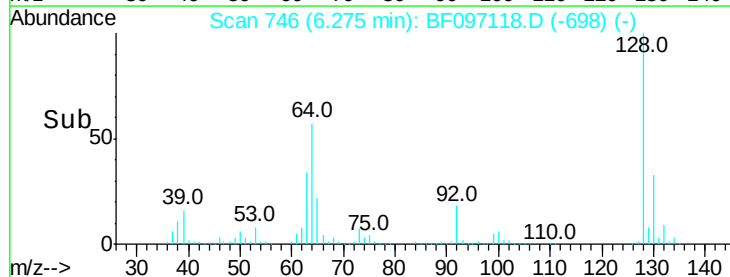
64 57.3 28.4 68.4

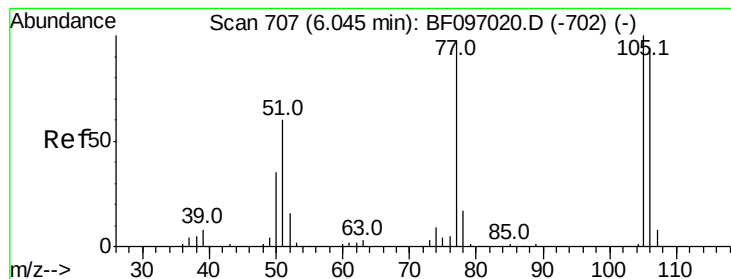


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.617 ng

RT: 6.03 min Scan# 705

Delta R.T. -0.01 min

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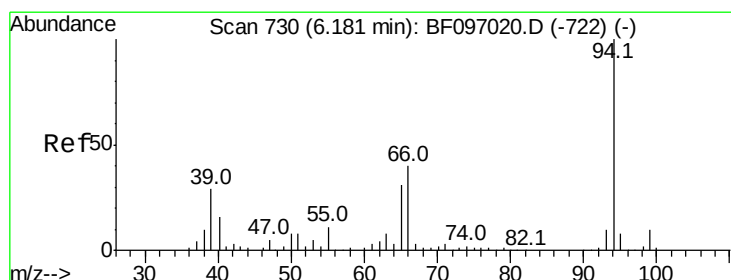
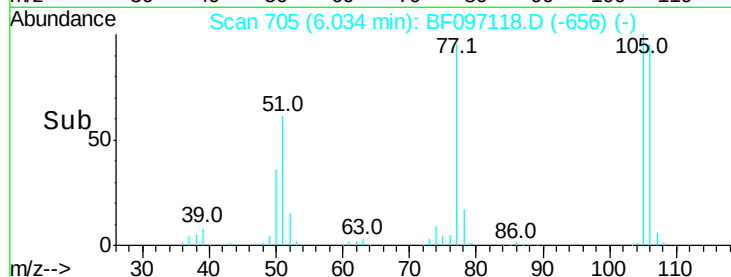
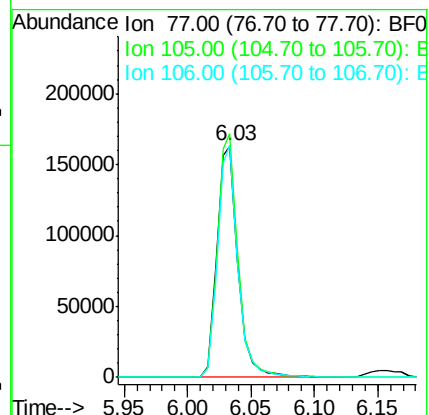
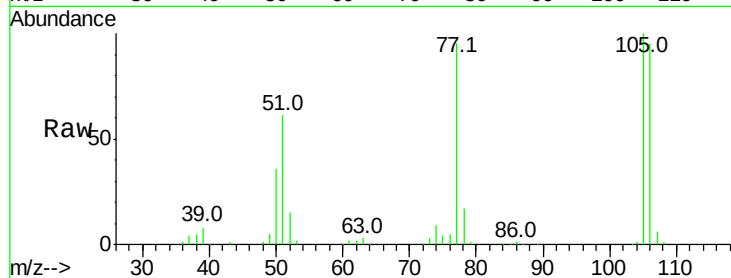
Tot Ion: 77 Resp: 190528

Ion Ratio Lower Upper

77 100

105 105.4 83.8 123.8

106 100.3 79.1 119.1



#10

Phenol

Concen: 39.712 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

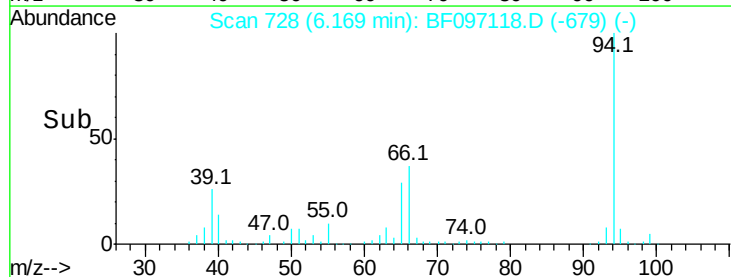
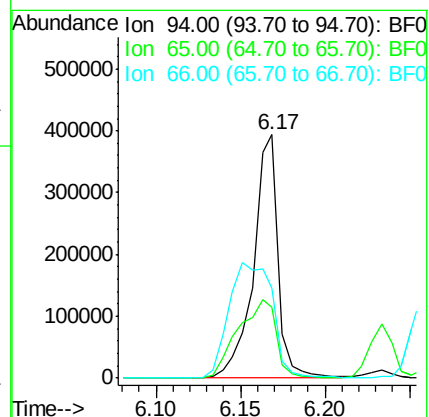
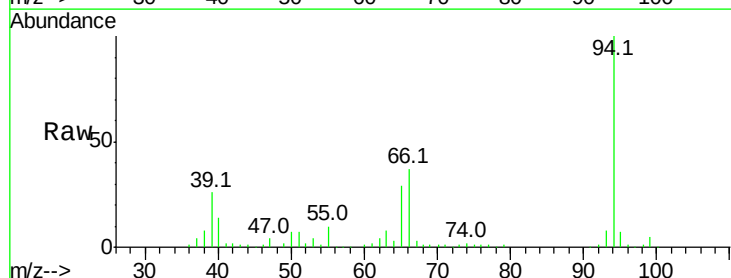
Tgt Ion: 94 Resp: 403078

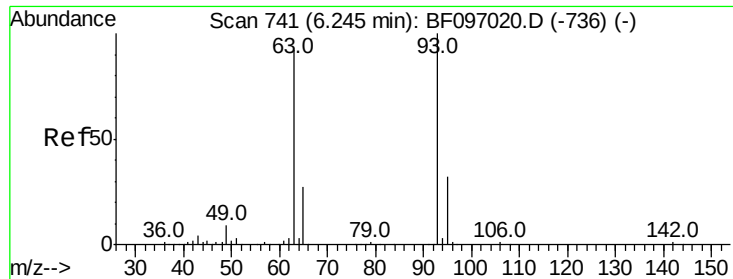
Ion Ratio Lower Upper

94 100

65 29.2 9.9 49.9

66 37.2 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 37.821 ng

RT: 6.23 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

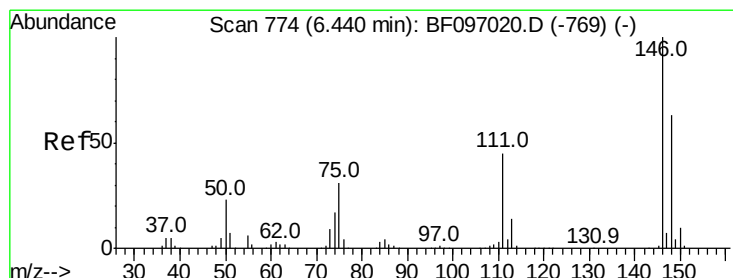
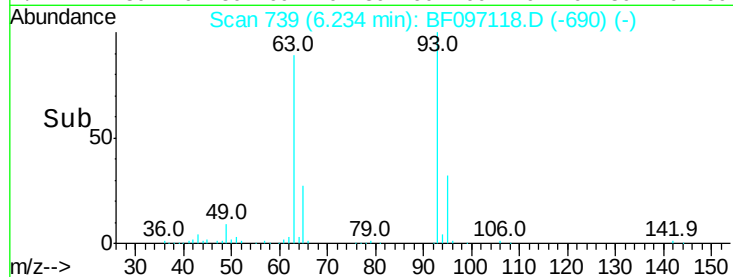
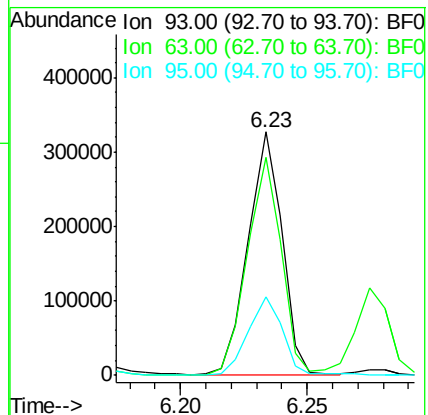
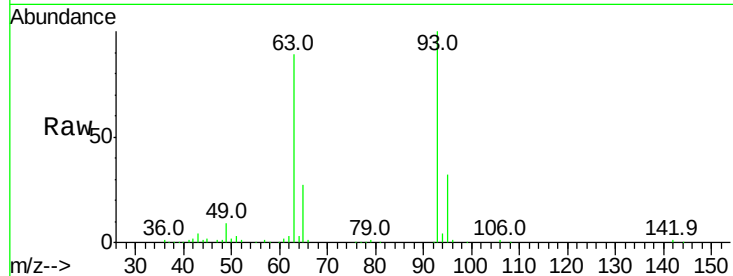
Tot Ion: 93 Resp: 303612

Ion Ratio Lower Upper

93 100

63 89.5 59.2 99.2

95 32.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.371 ng

RT: 6.43 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

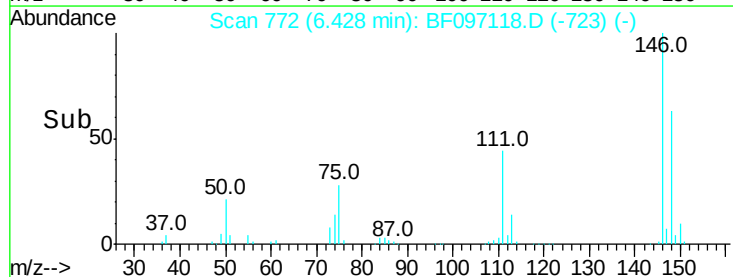
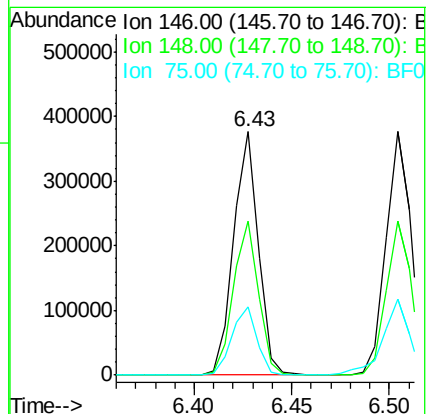
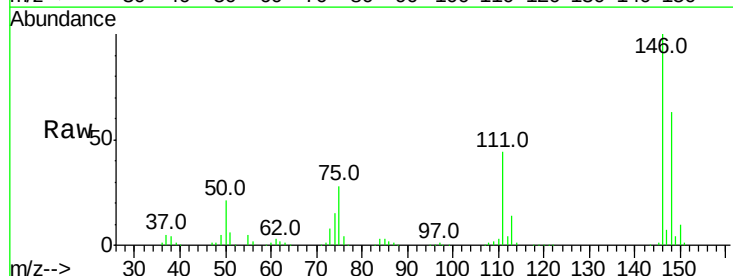
Tgt Ion: 146 Resp: 331419

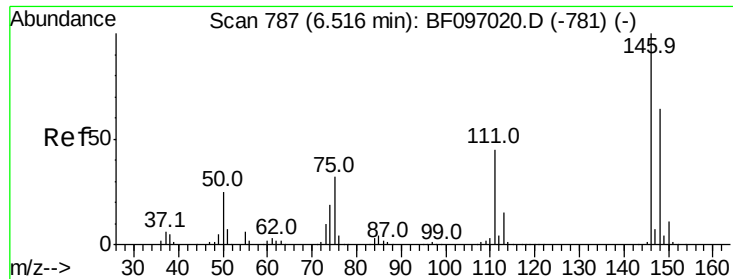
Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.6

75 28.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 39.391 ng

RT: 6.50 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

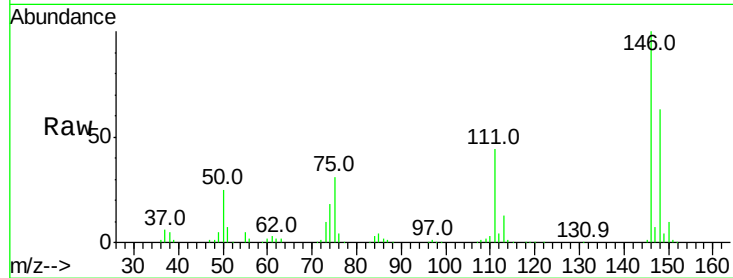
Tot Ion:146 Resp: 337179

Ion Ratio Lower Upper

146 100

148 63.3 52.2 78.2

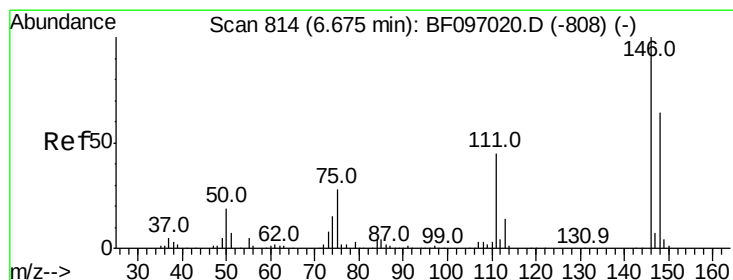
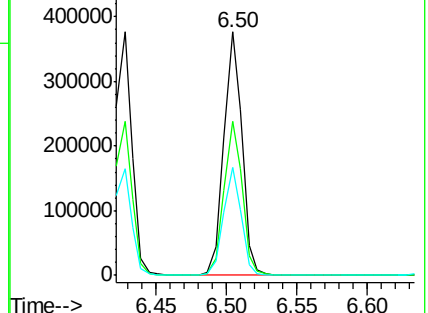
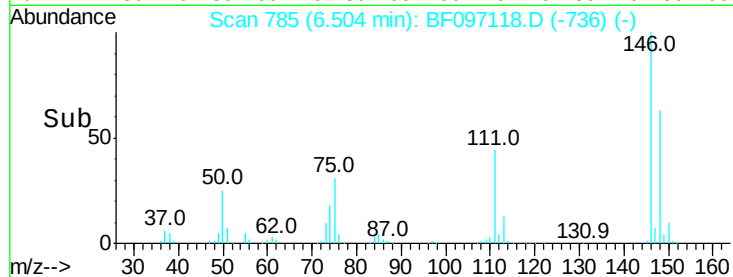
111 44.4 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.498 ng

RT: 6.66 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

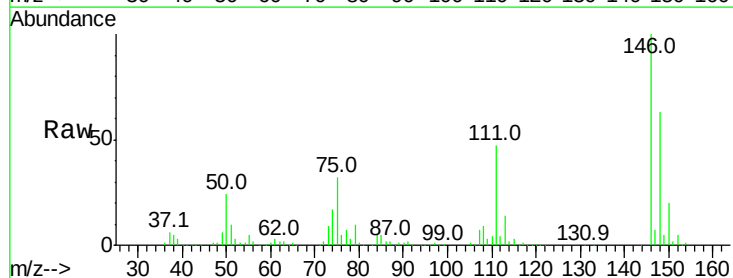
Tgt Ion:146 Resp: 302675

Ion Ratio Lower Upper

146 100

148 63.1 50.4 75.6

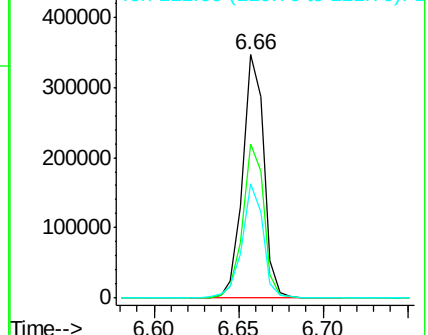
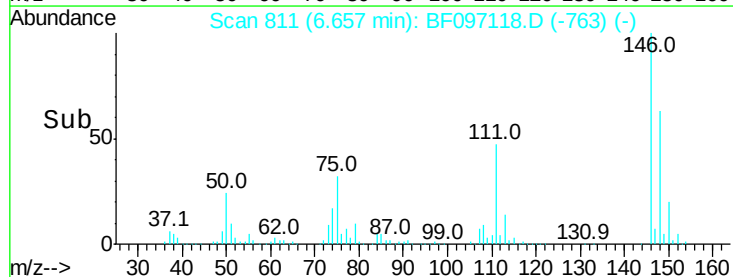
111 46.8 38.2 57.4

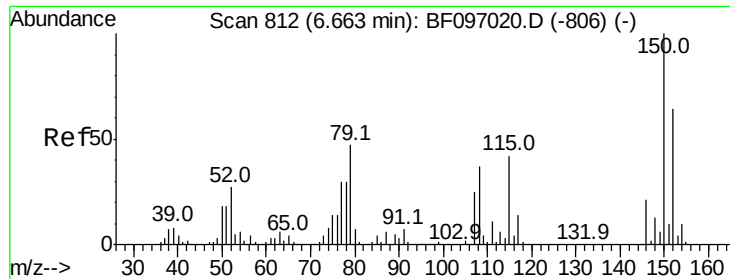


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

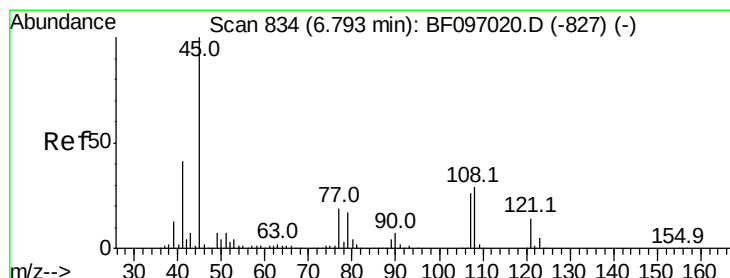
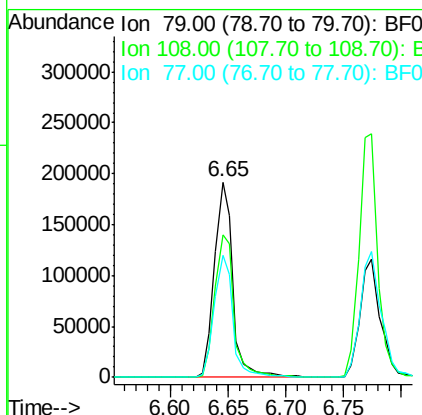
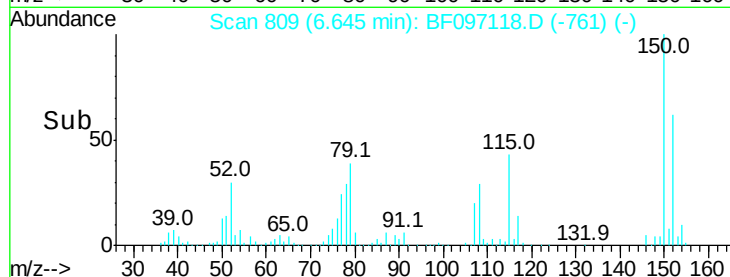
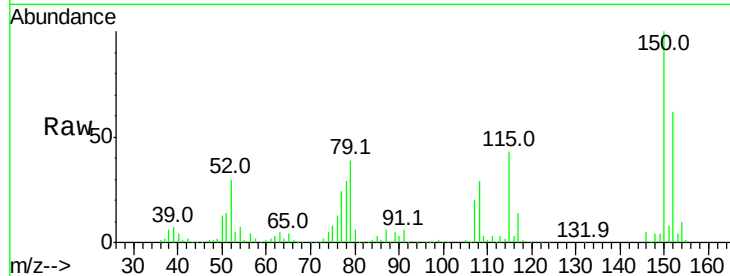




#15
Benzyl Alcohol
Concen: 39.423 ng
RT: 6.65 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

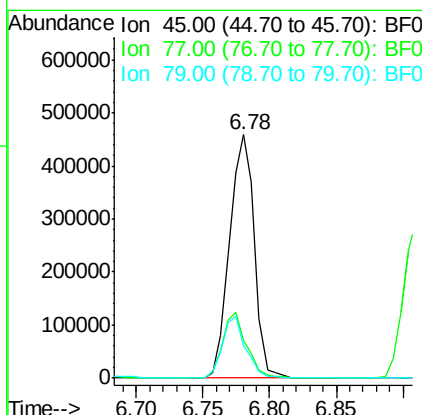
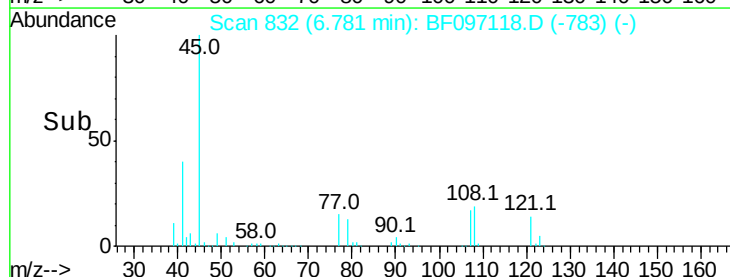
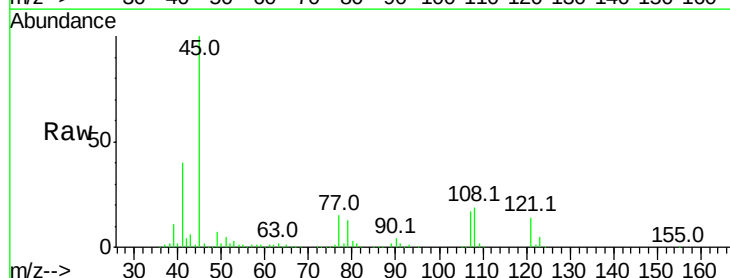
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

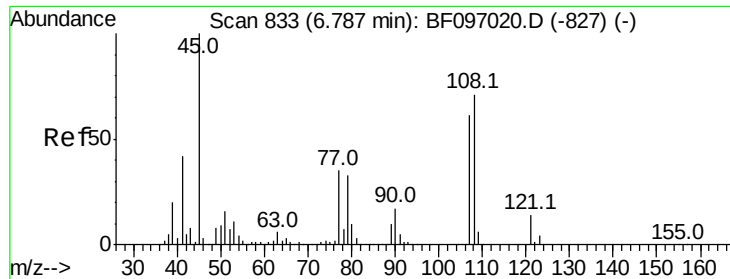
Tot Ion: 79 Resp: 213580
Ion Ratio Lower Upper
79 100
108 73.4 63.4 95.0
77 62.4 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.019 ng
RT: 6.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

Tgt Ion: 45 Resp: 596050
Ion Ratio Lower Upper
45 100
77 15.5 0.0 33.2
79 13.1 0.0 30.0

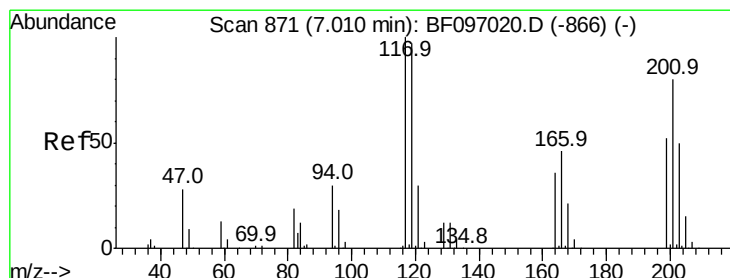
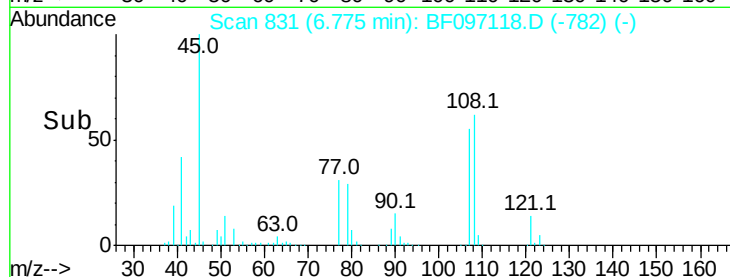
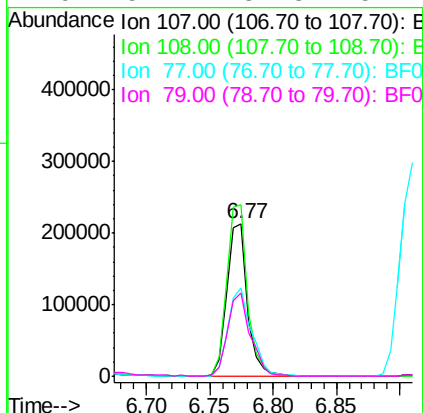
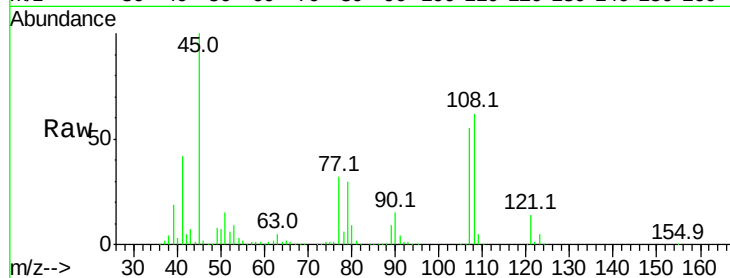




#17
2-Methylphenol
Concen: 38.450 ng
RT: 6.77 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

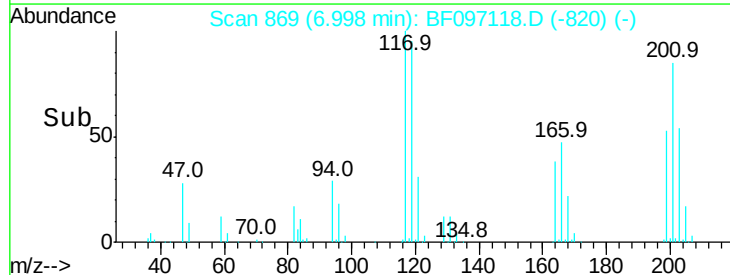
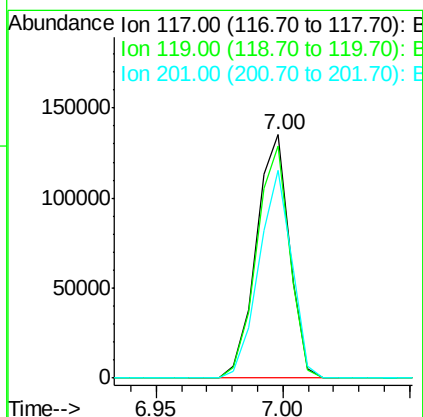
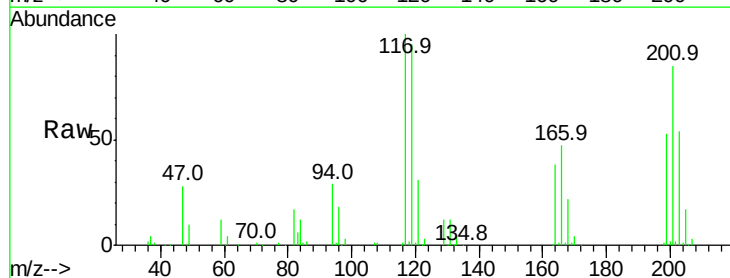
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

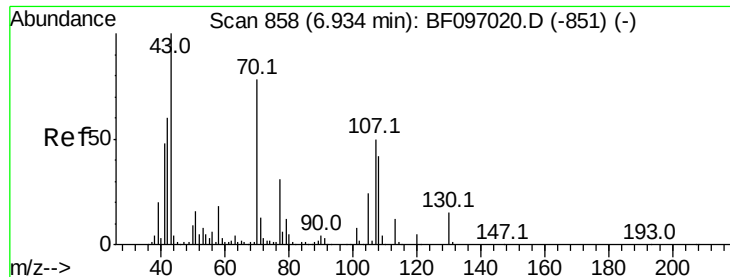
Tot Ion:107 Resp: 237842
Ion Ratio Lower Upper
107 100
108 112.4 93.4 140.0
77 58.2 35.8 53.6#
79 54.4 34.8 52.2#



#18
Hexachloroethane
Concen: 39.565 ng
RT: 7.00 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

Tgt Ion:117 Resp: 123899
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.0
201 85.5 94.6 141.8#

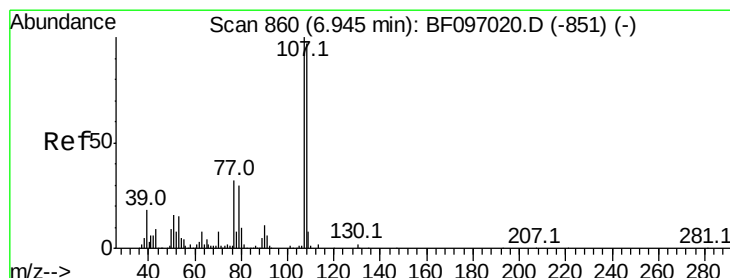
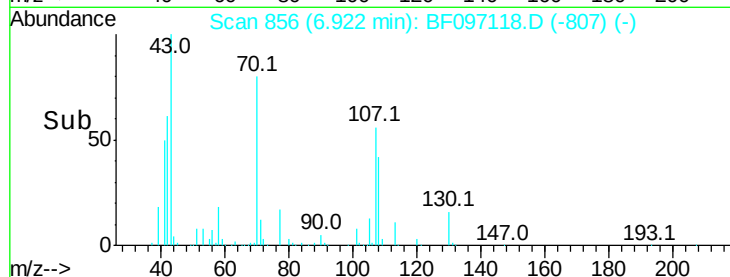
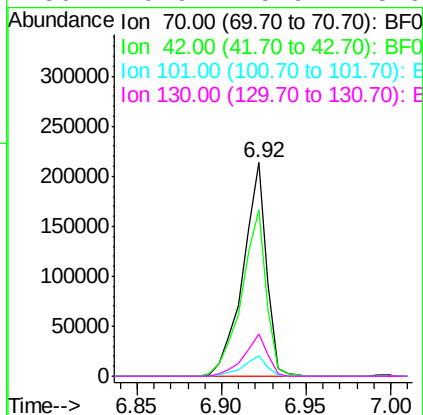
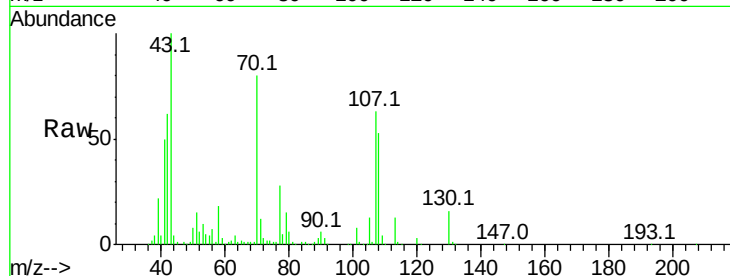




#19
n-Nitroso-di-n-propylamine
Concen: 36.971 ng
RT: 6.92 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

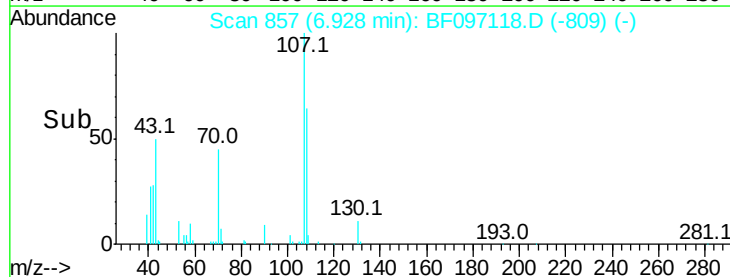
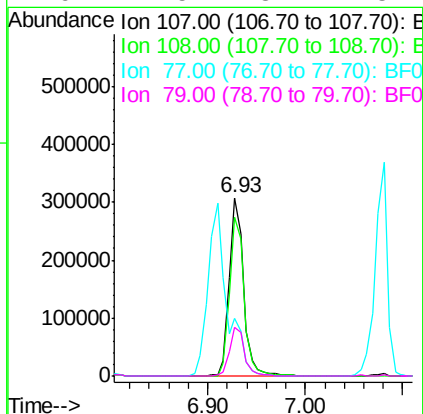
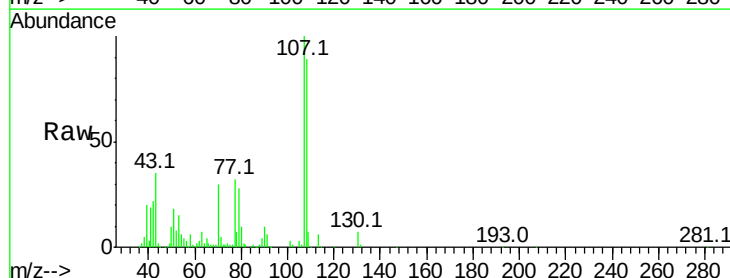
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

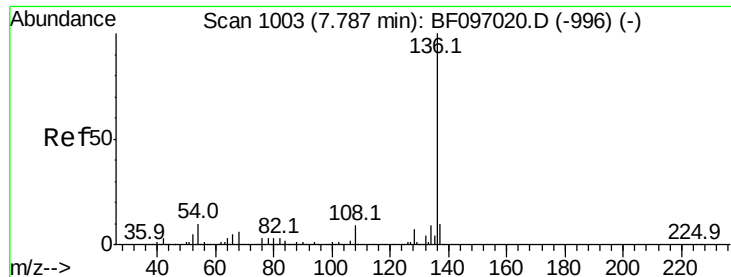
Tot Ion: 70 Resp: 208241
Ion Ratio Lower Upper
70 100
42 77.7 47.2 70.8#
101 9.8 7.2 10.8
130 19.9 15.9 23.9



#20
3+4-Methylphenols
Concen: 39.130 ng
RT: 6.93 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

Tgt Ion:107 Resp: 316135
Ion Ratio Lower Upper
107 100
108 89.2 71.0 111.0
77 32.2 90.5 130.5#
79 27.5 8.4 48.4

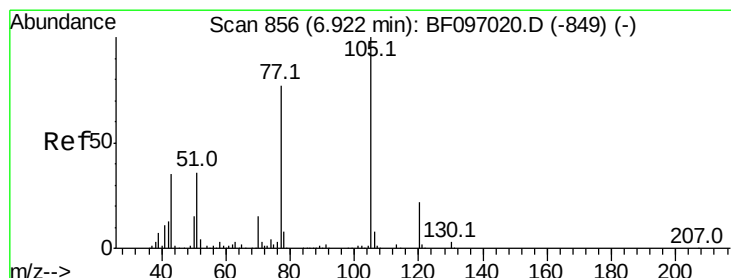
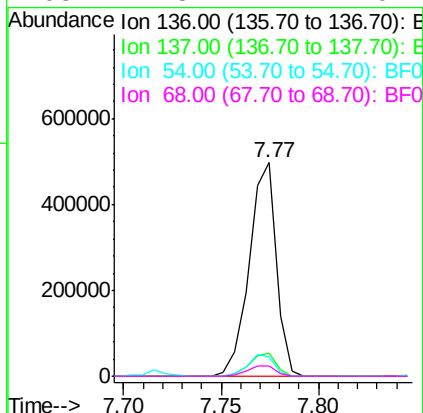
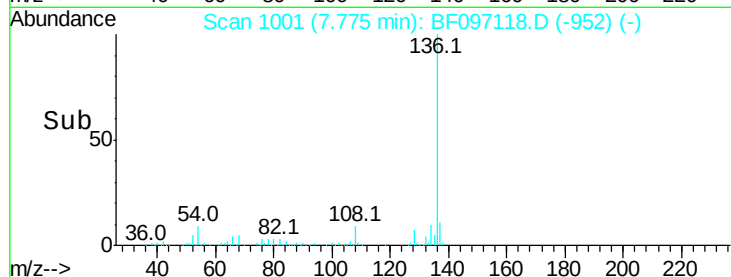
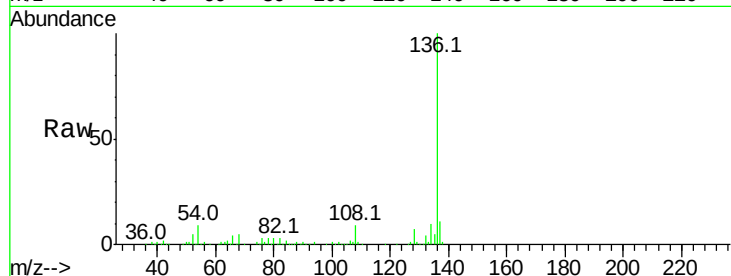




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

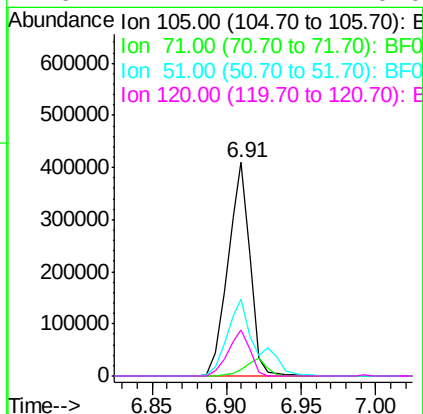
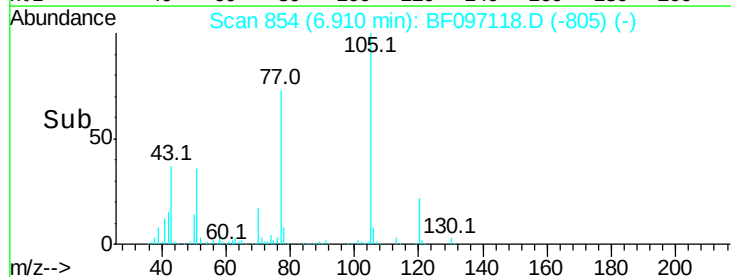
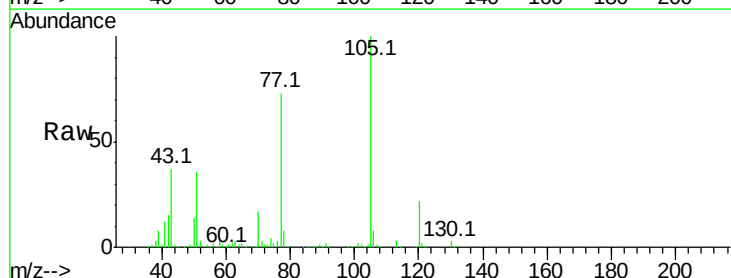
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

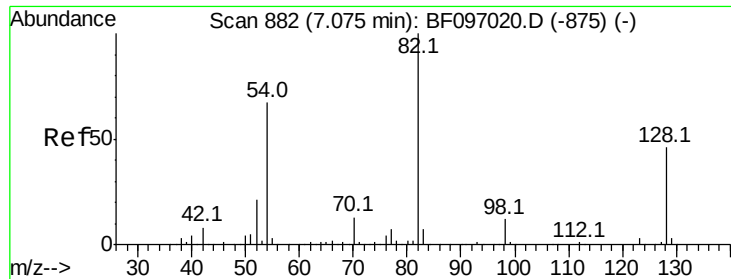
Tot Ion:136	Resp:	478336
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	9.2	4.9 7.3#
68	4.8	4.1 6.1



#22
Acetophenone
Concen: 37.122 ng
RT: 6.91 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

Tgt Ion:105	Resp:	426418
Ion Ratio	Lower	Upper
105	100	
71	2.9	2.8 4.2
51	35.8	30.7 46.1
120	21.7	17.4 26.0





#23

Nitrobenzene-d5

Concen: 74.340 ng

RT: 7.06 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

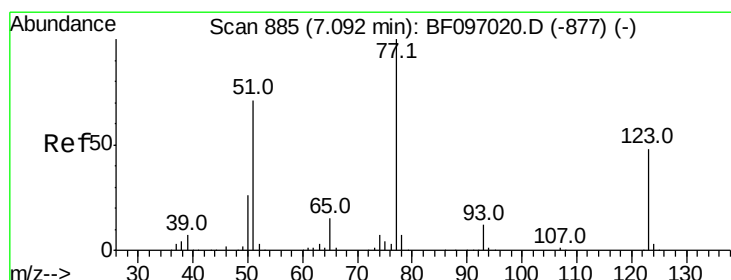
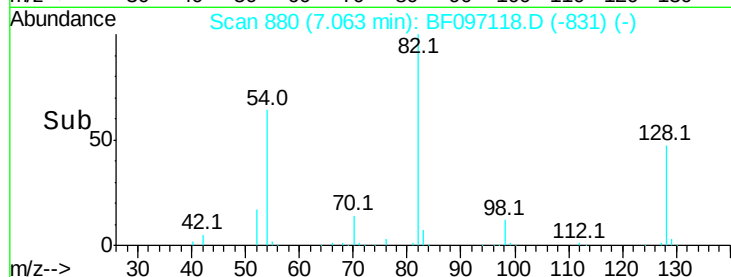
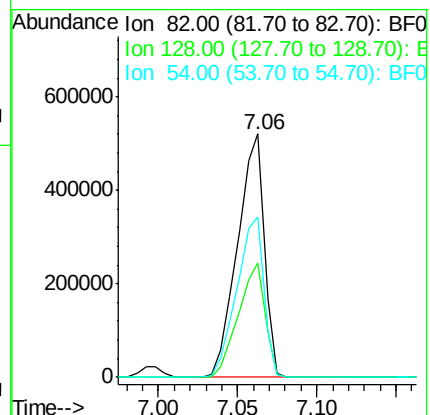
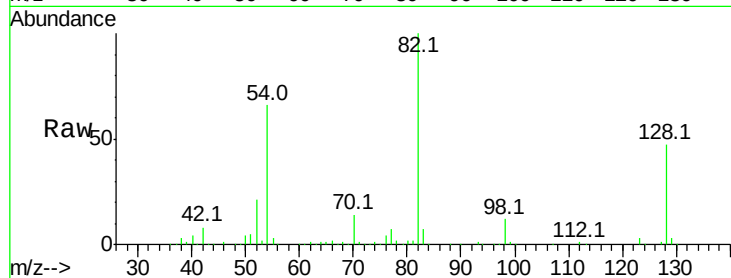
Tot Ion: 82 Resp: 606153

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

54 66.1 42.2 63.2#



#24

Nitrobenzene

Concen: 37.804 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

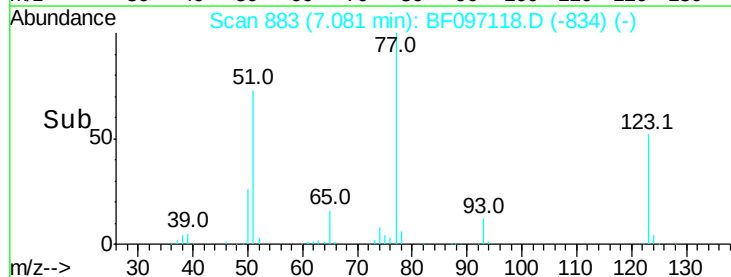
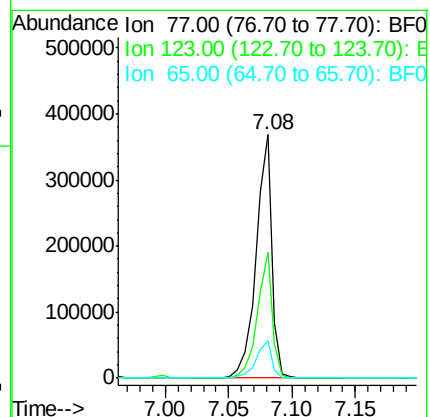
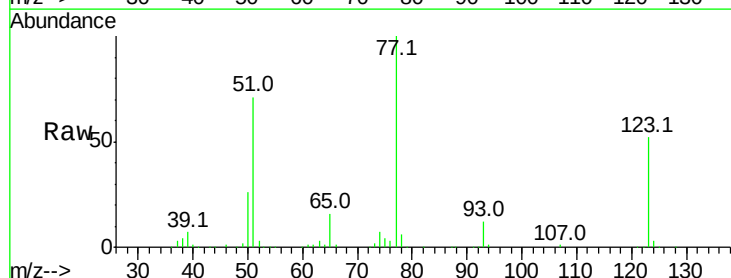
Tgt Ion: 77 Resp: 321030

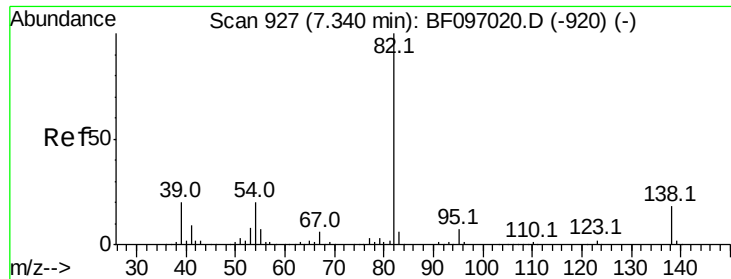
Ion Ratio Lower Upper

77 100

123 51.6 35.8 53.8

65 15.6 10.6 15.8





#25

Isophorone

Concen: 37.003 ng

RT: 7.32 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

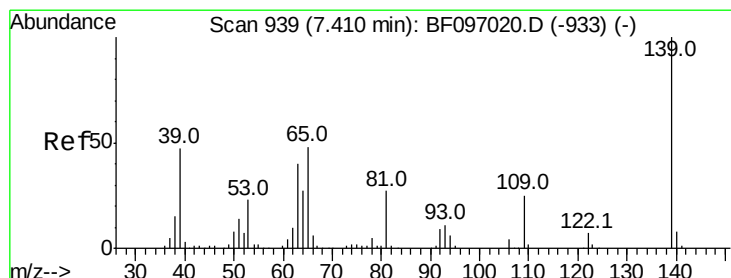
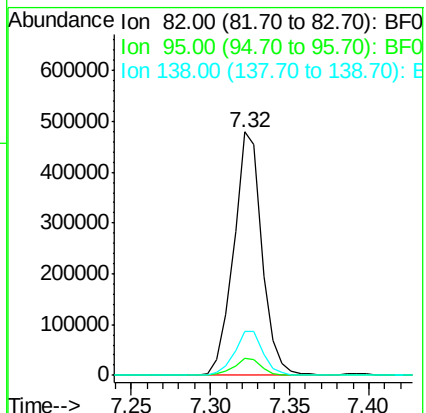
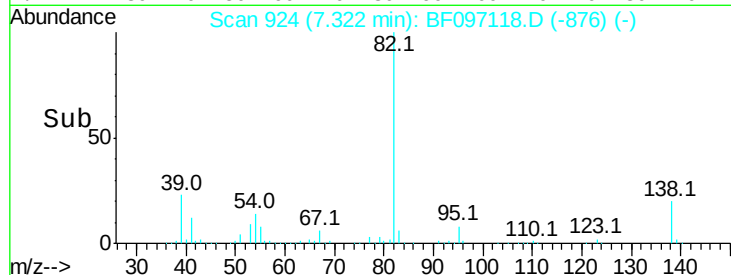
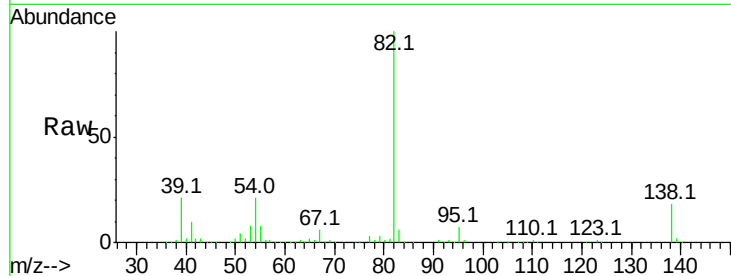
Tot Ion: 82 Resp: 590879

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 17.9 13.1 19.7



#26

2-Nitrophenol

Concen: 38.178 ng

RT: 7.39 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

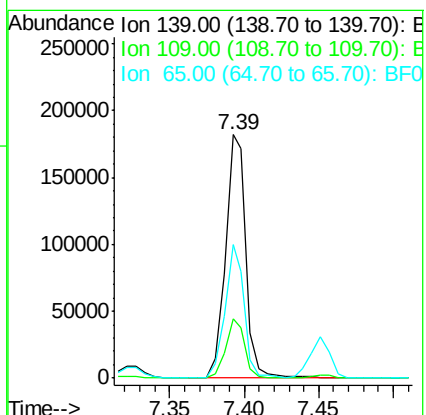
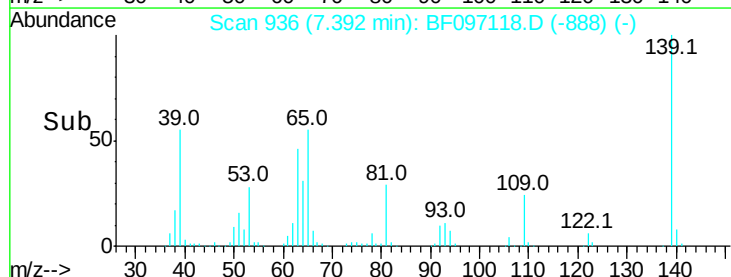
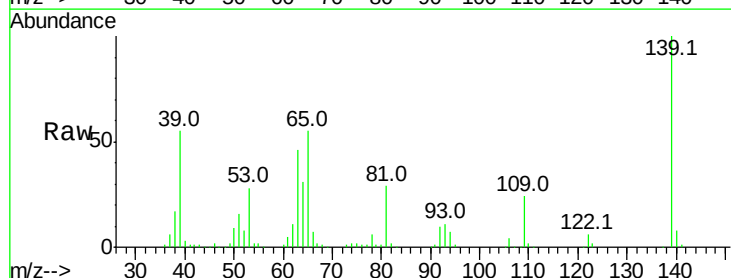
Tgt Ion: 139 Resp: 175403

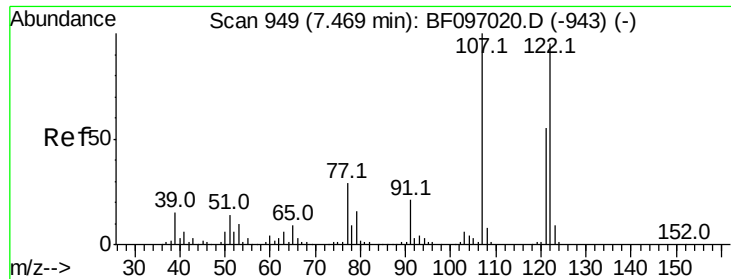
Ion Ratio Lower Upper

139 100

109 24.3 21.0 31.6

65 55.0 33.0 49.6#

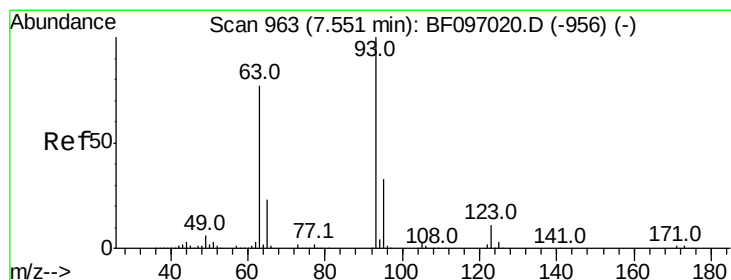
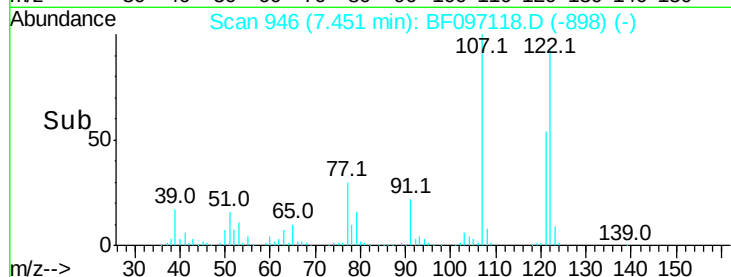
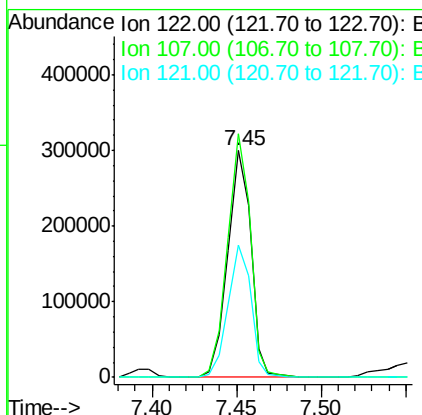
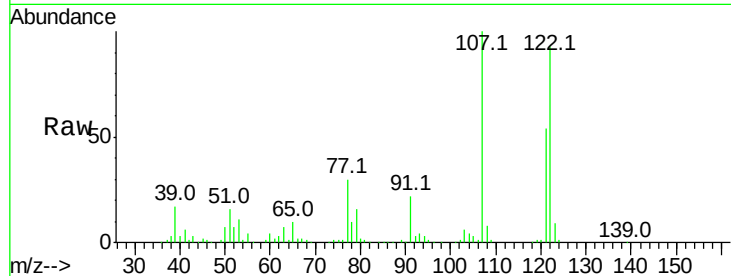




#27
 2,4-Dimethylphenol
 Concen: 37.804 ng
 RT: 7.45 min Scan# 946
 Delta R.T. -0.02 min
 Lab File: BF097118.D
 Acq: 27 Jul 2017 13:17

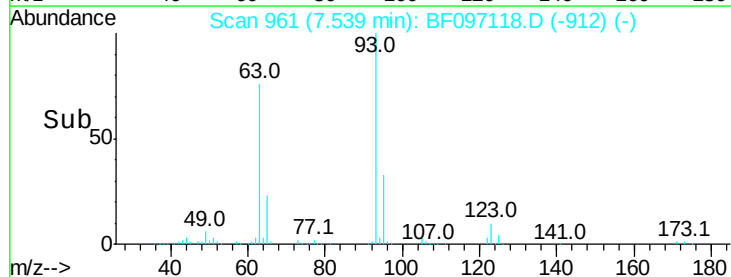
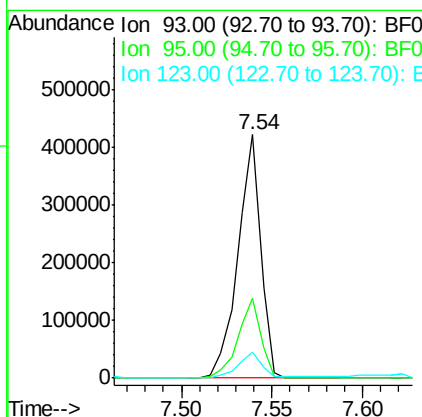
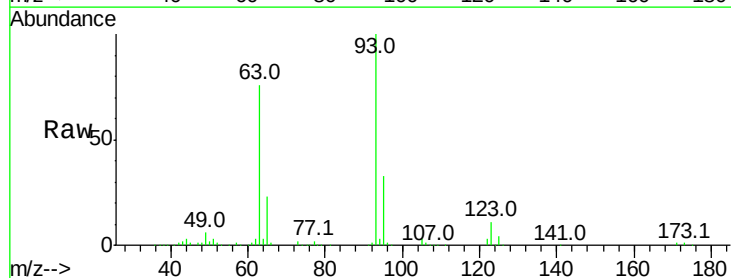
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

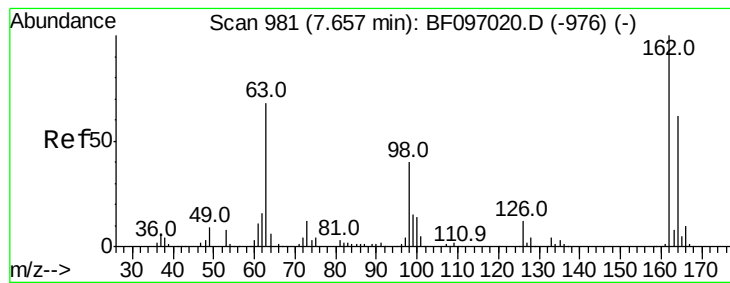
Tot Ion:122 Resp: 286511
 Ion Ratio Lower Upper
 122 100
 107 107.4 89.2 133.8
 121 58.1 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.495 ng
 RT: 7.54 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF097118.D
 Acq: 27 Jul 2017 13:17

Tgt Ion: 93 Resp: 369882
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 10.6 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 38.719 ng

RT: 7.65 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

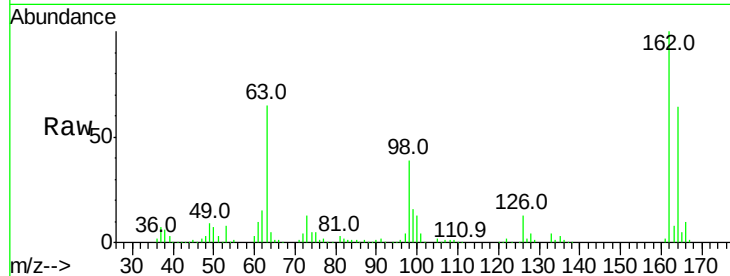
Tot Ion:162 Resp: 252795

Ion Ratio Lower Upper

162 100

164 63.7 44.6 84.6

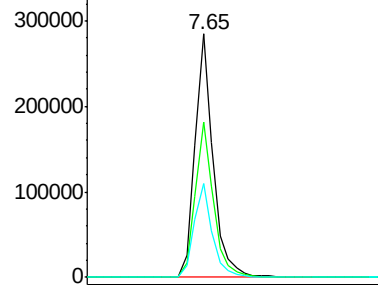
98 38.7 14.8 54.8



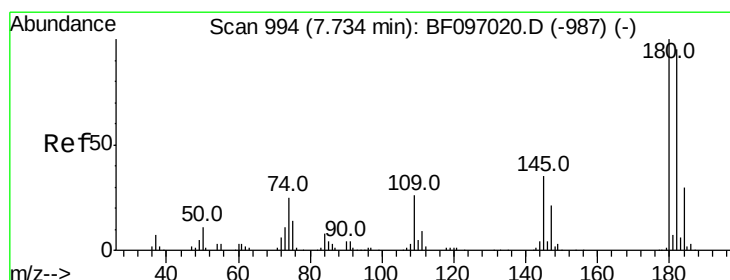
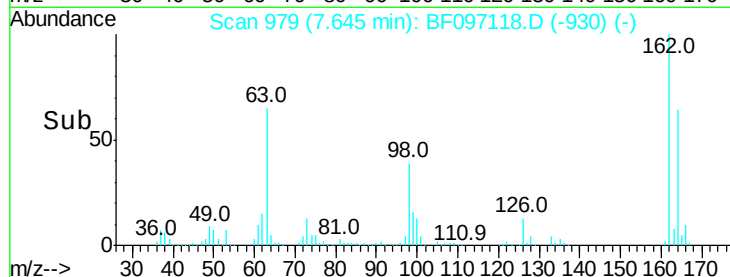
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



Time-->



#30

1,2,4-Trichlorobenzene

Concen: 39.532 ng

RT: 7.72 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

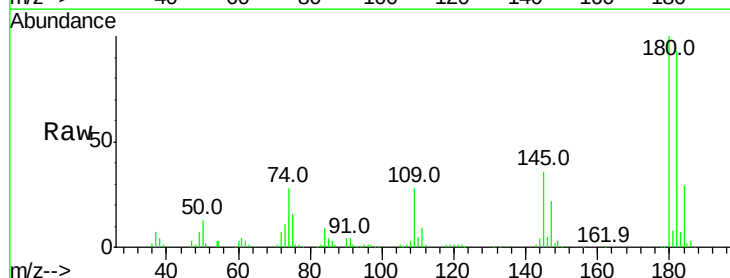
Tgt Ion:180 Resp: 246016

Ion Ratio Lower Upper

180 100

182 93.3 75.8 113.6

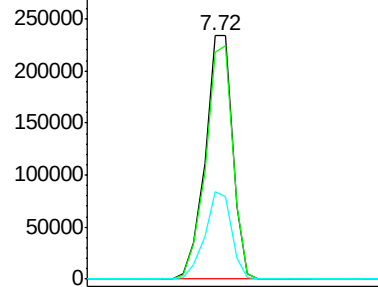
145 36.0 25.3 37.9



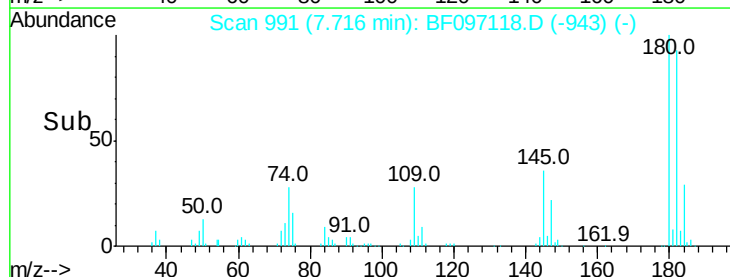
Abundance Ion 180.00 (179.70 to 180.70): E

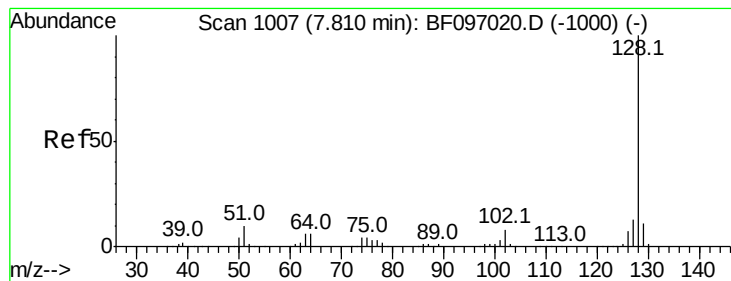
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



Time-->





#31

Naphthalene

Concen: 38.455 ng

RT: 7.79 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

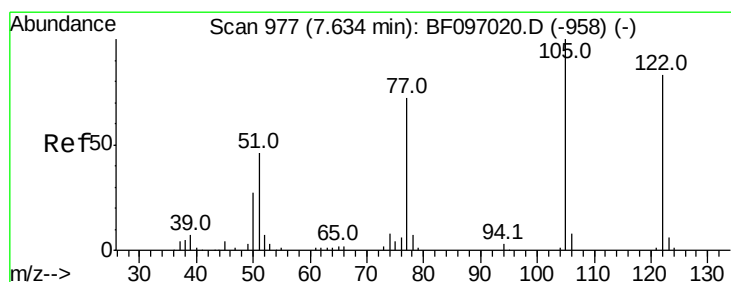
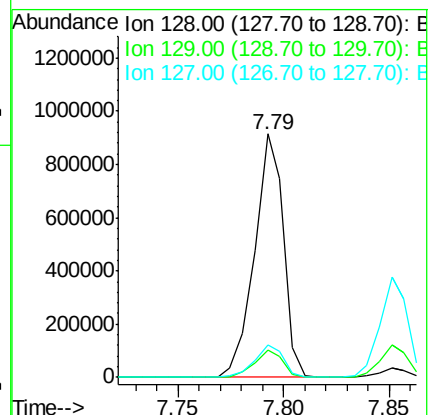
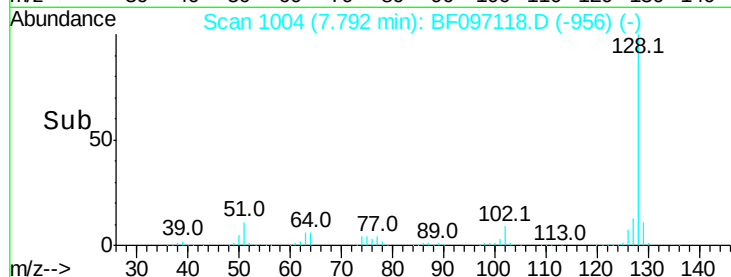
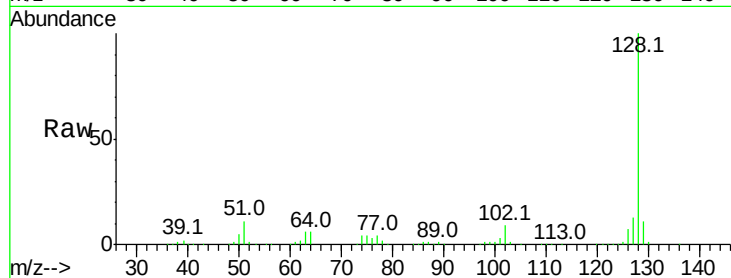
Tot Ion:128 Resp: 867101

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.1 10.8 16.2



#32

Benzoic acid

Concen: 40.007 ng

RT: 7.62 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

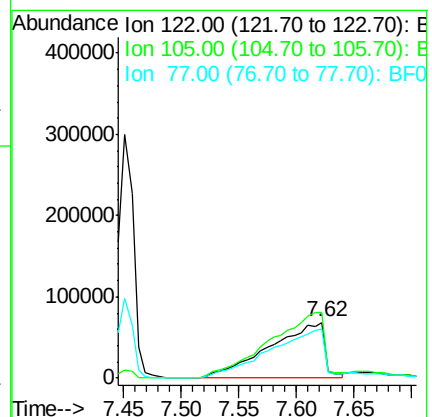
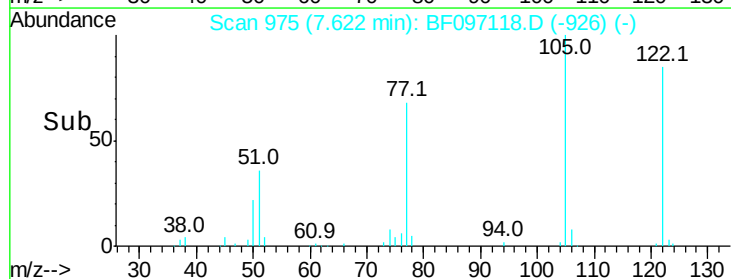
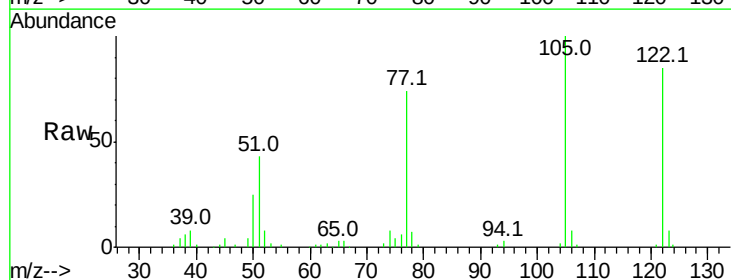
Tgt Ion:122 Resp: 226408

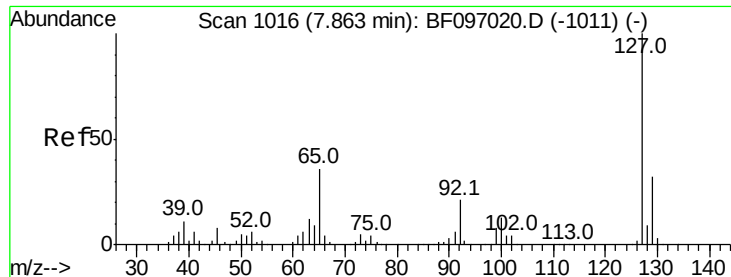
Ion Ratio Lower Upper

122 100

105 117.4 103.3 143.3

77 87.3 73.7 113.7

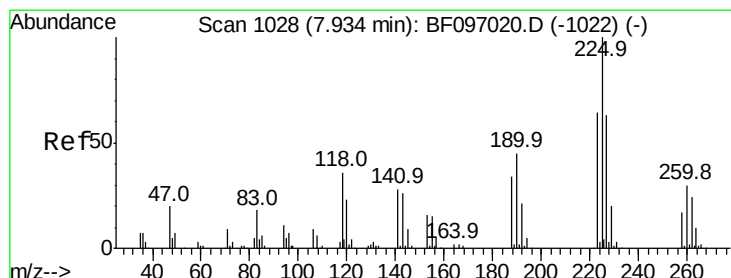
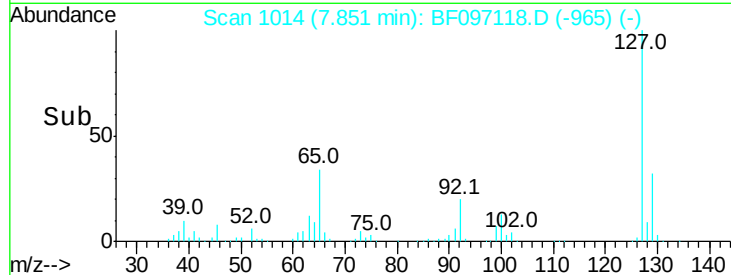
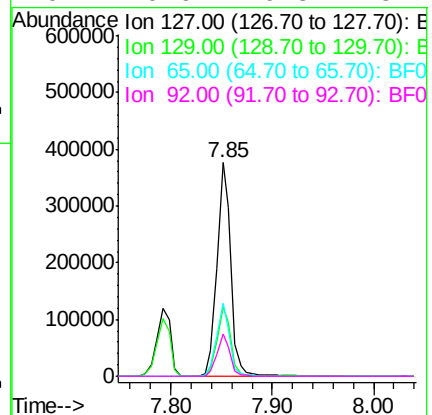
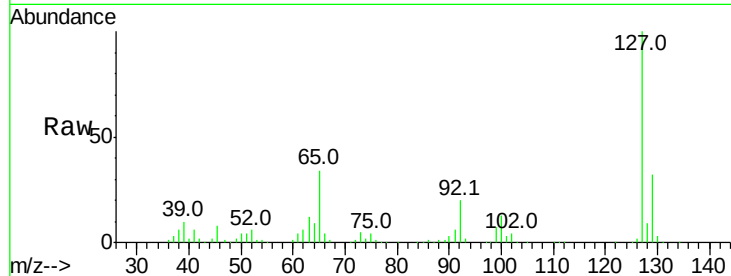




#33
4-Chloroaniline
Concen: 39.005 ng
RT: 7.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

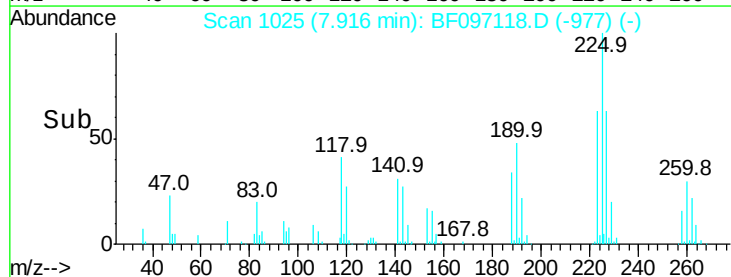
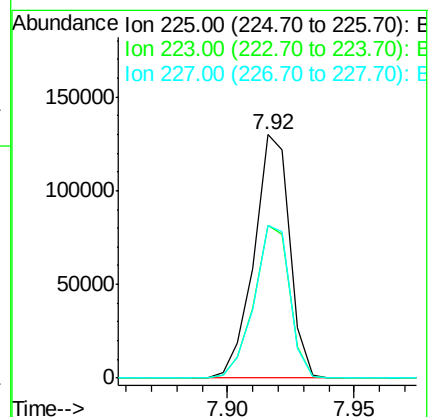
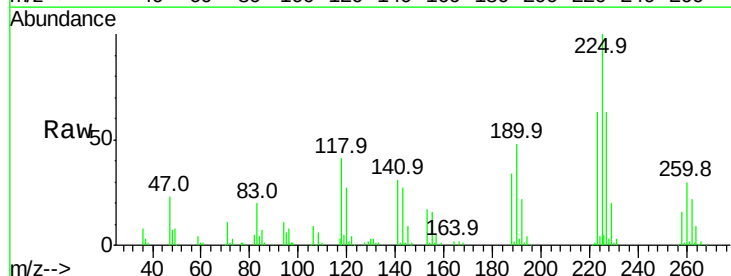
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

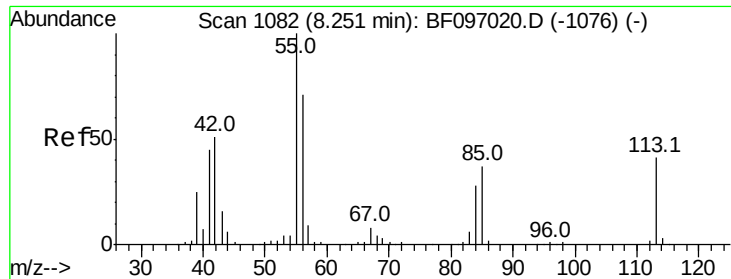
Tot Ion:	127	Resp:	357860
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	33.9	27.8	41.8
92	19.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 38.510 ng
RT: 7.92 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

Tgt Ion:	225	Resp:	127052
Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.8	73.2
227	62.9	51.1	76.7





#35

Caprolactam

Concen: 43.686 ng

RT: 8.24 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

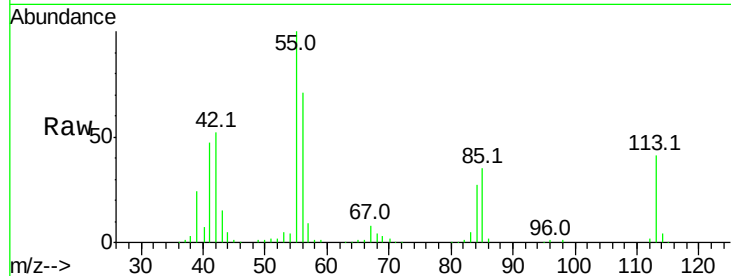
Tot Ion:113 Resp: 91459

Ion Ratio Lower Upper

113 100

55 243.1 150.2 190.2#

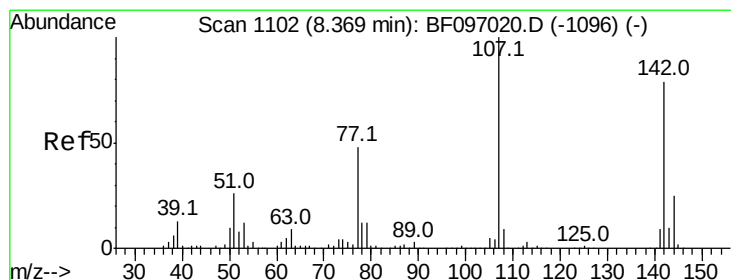
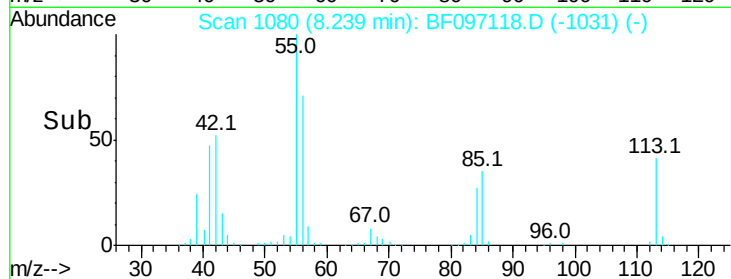
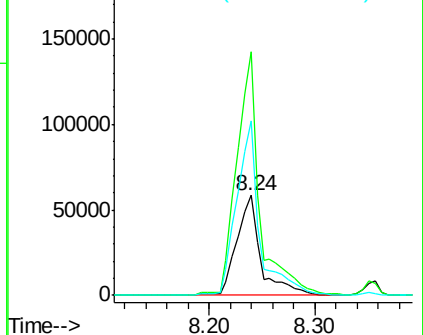
56 173.8 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.765 ng

RT: 8.35 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

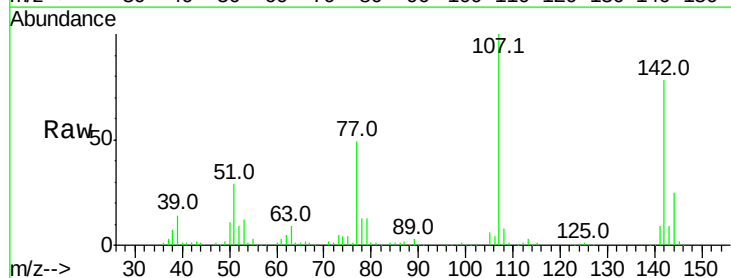
Tgt Ion:107 Resp: 276123

Ion Ratio Lower Upper

107 100

144 25.2 24.2 36.4

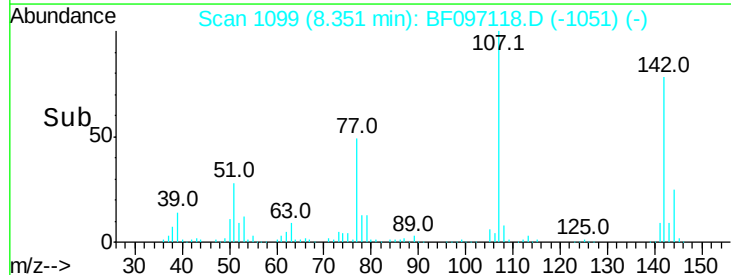
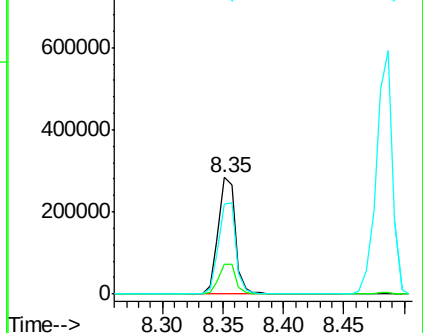
142 77.7 73.4 110.0

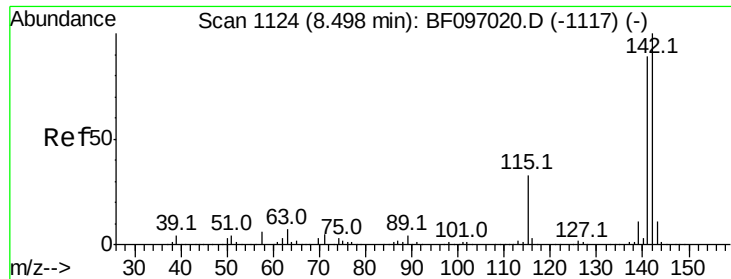


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

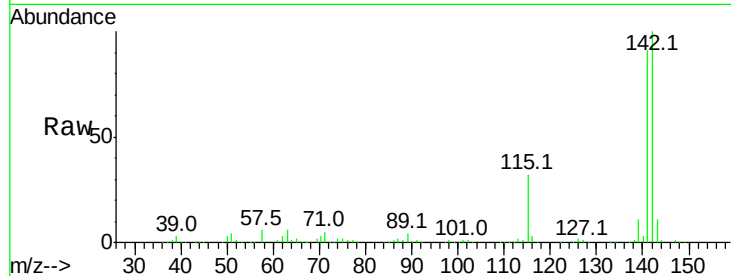




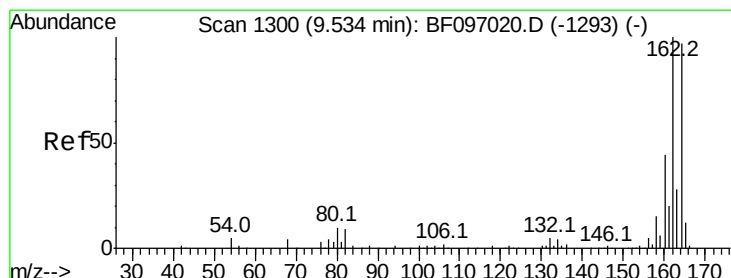
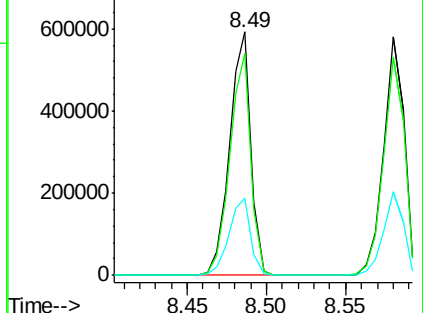
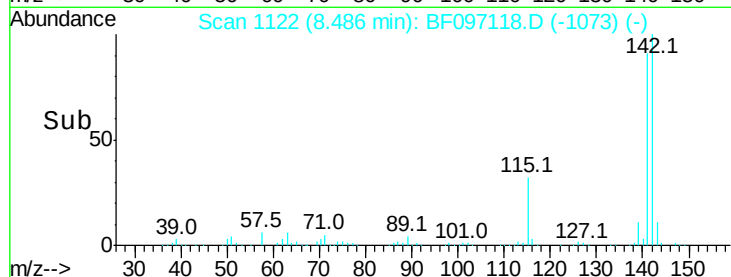
#37
 2-Methylnaphthalene
 Concen: 38.357 ng
 RT: 8.49 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF097118.D
 Acq: 27 Jul 2017 13:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.3	106.9
115	32.0	27.1	40.7

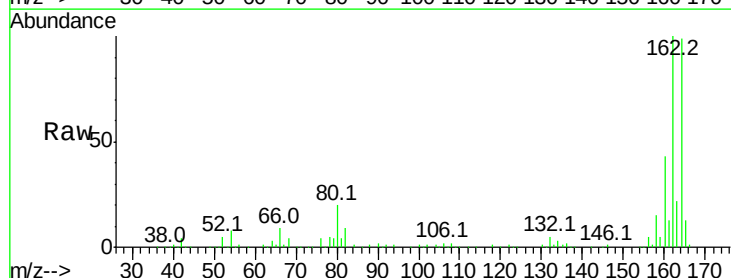


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

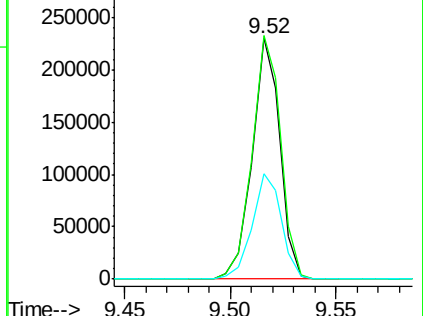
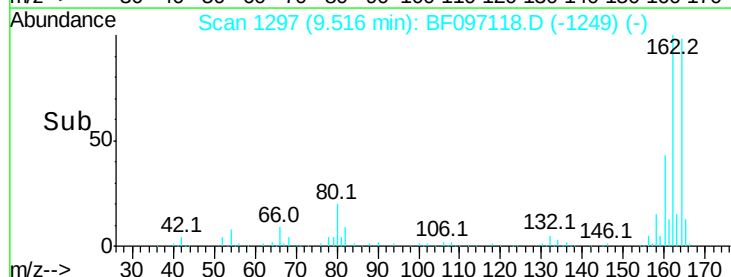


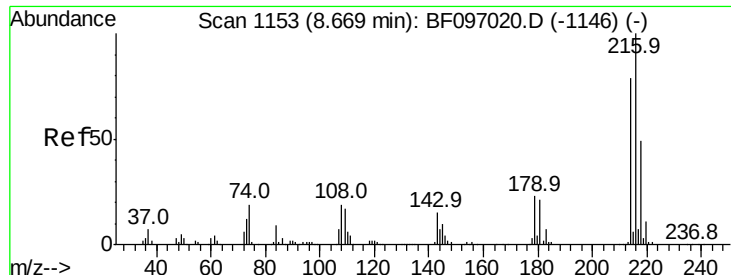
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097118.D
 Acq: 27 Jul 2017 13:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.6	123.8
160	43.6	36.2	54.2



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: 40.510 ng

RT: 8.66 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 227076

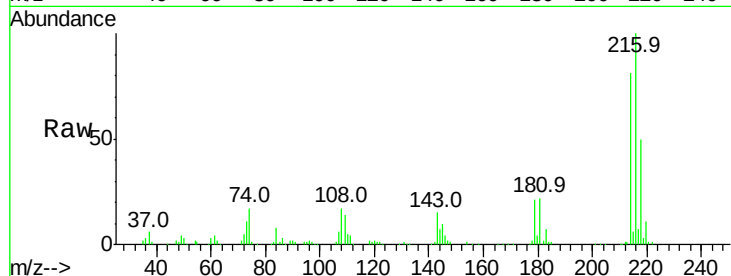
Ion Ratio Lower Upper

216 100

214 80.2 63.4 95.2

179 22.5 17.9 26.9

108 21.0 16.5 24.7

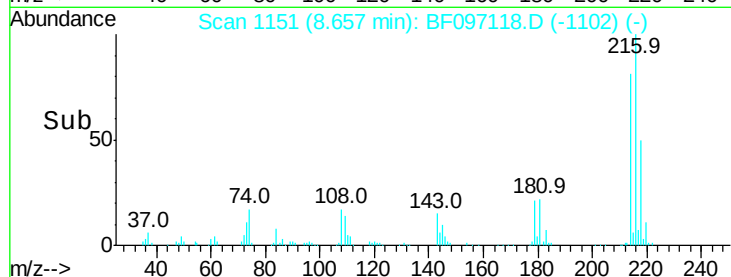


Abundance Ion 216.00 (215.70 to 216.70): E

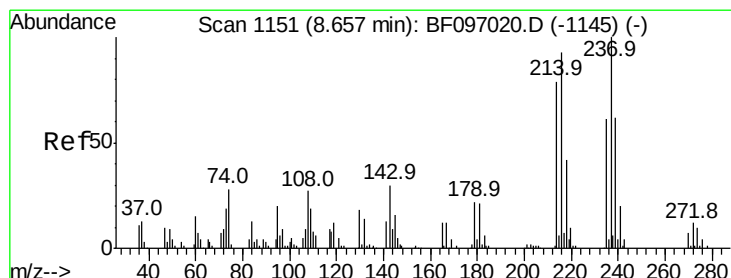
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 31.852 ng

RT: 8.64 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

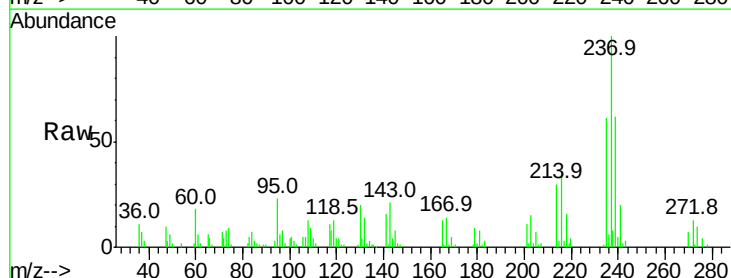
Tgt Ion:237 Resp: 53960

Ion Ratio Lower Upper

237 100

235 61.1 42.6 82.6

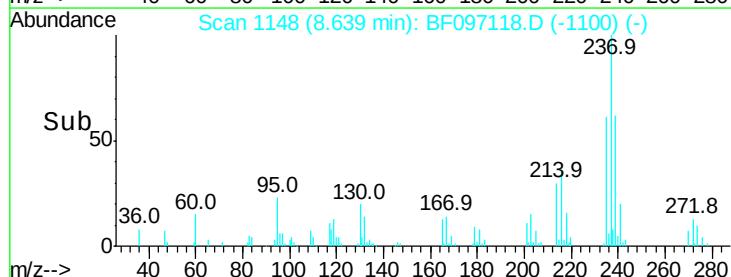
272 12.6 0.0 31.9



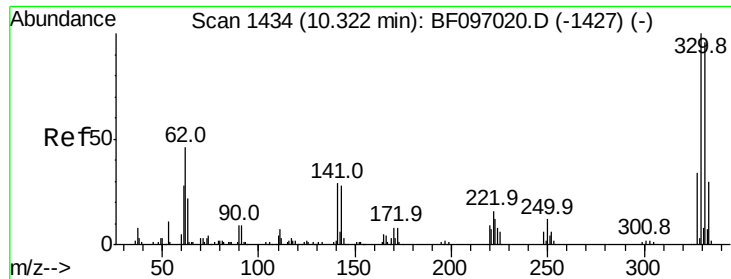
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



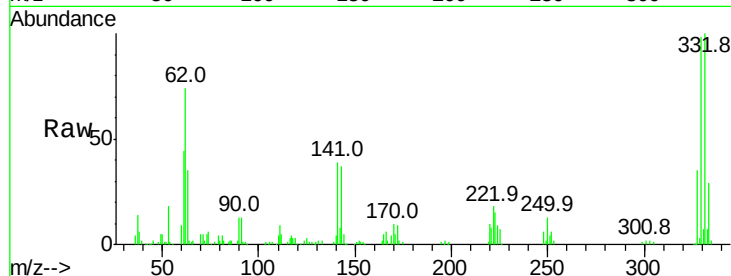
Time-->



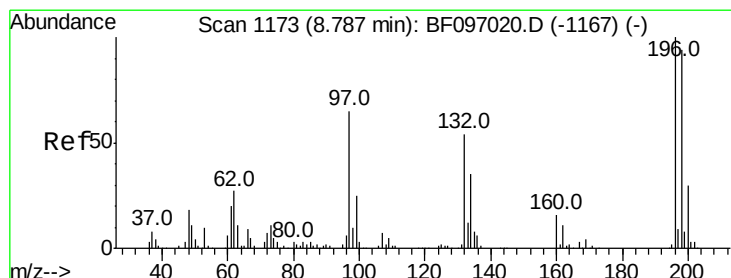
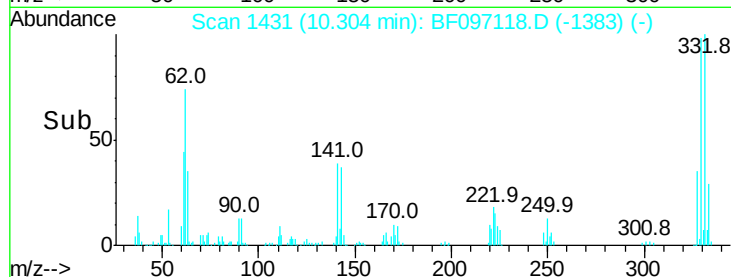
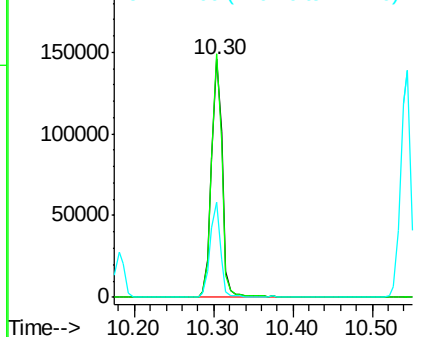
#41
 2,4,6-Tribromophenol
 Concen: 83.530 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097118.D
 Acq: 27 Jul 2017 13:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 138644
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 38.1 31.4 47.2

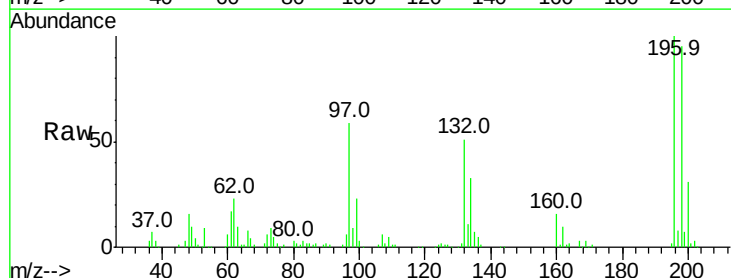


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

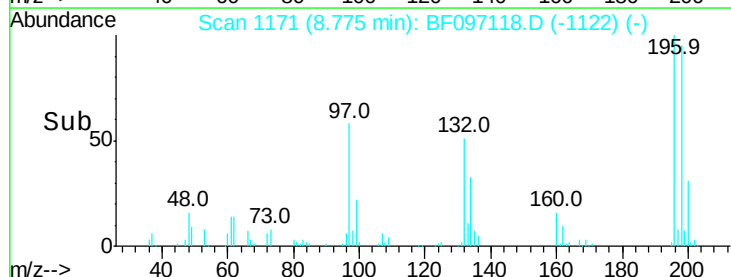
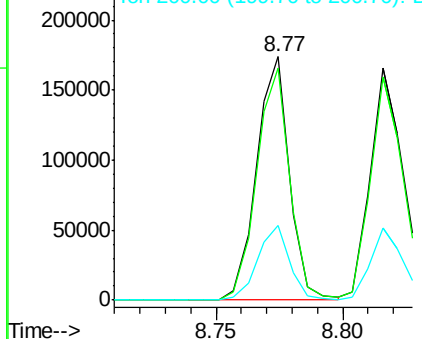


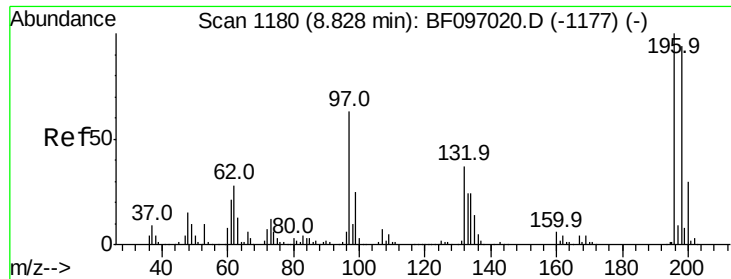
#42
 2,4,6-Trichlorophenol
 Concen: 38.753 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF097118.D
 Acq: 27 Jul 2017 13:17

Tgt Ion:196 Resp: 157416
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.2 111.4
 200 30.6 24.0 36.0



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

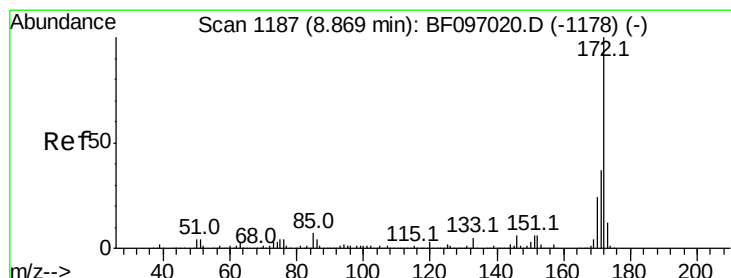
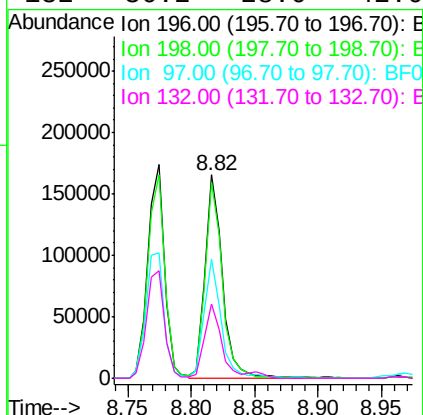
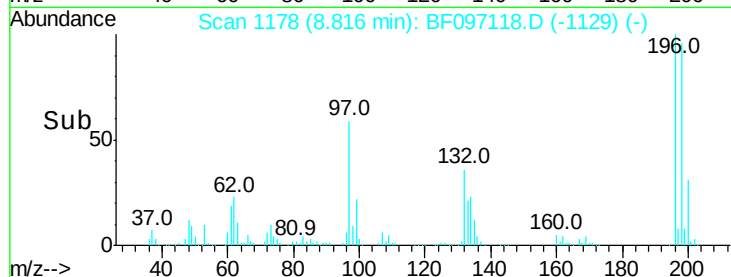
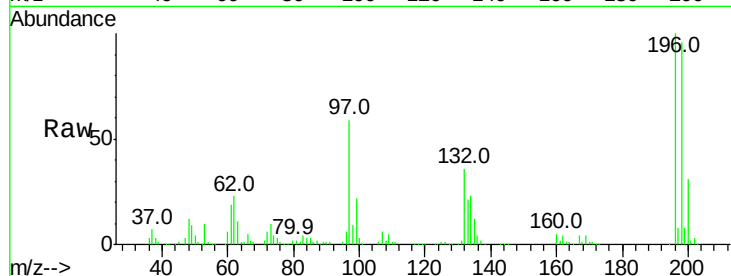




#43
 2,4,5-Trichlorophenol
 Concen: 38.821 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF097118.D
 Acq: 27 Jul 2017 13:17

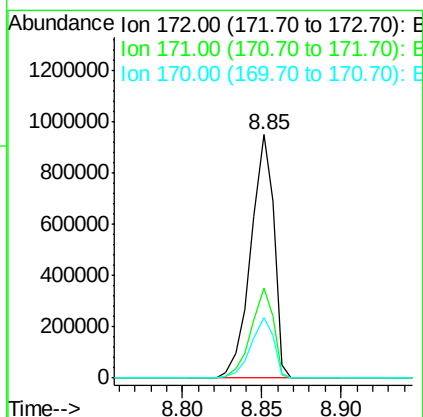
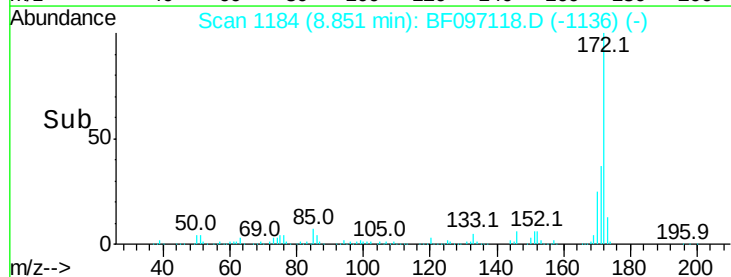
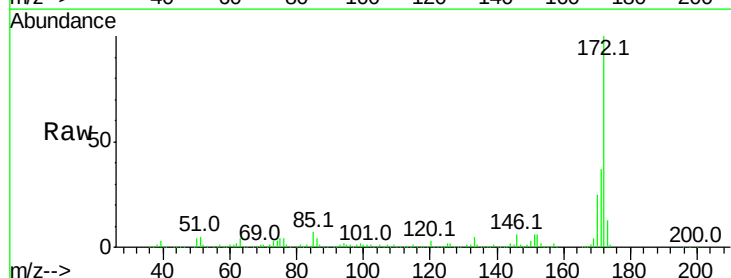
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

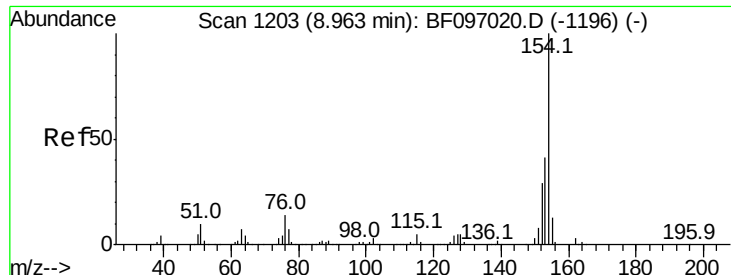
Tot Ion:	196	Resp:	157839
Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.7	113.5
97	58.7	47.7	71.5
132	36.2	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 77.548 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097118.D
 Acq: 27 Jul 2017 13:17

Tgt Ion:	172	Resp:	959941
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.7	19.8	29.8





#45

1,1'-Biphenyl

Concen: 38.631 ng

RT: 8.95 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

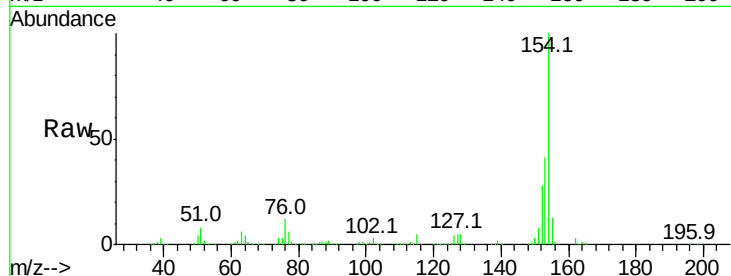
Tot Ion:154 Resp: 693170

Ion Ratio Lower Upper

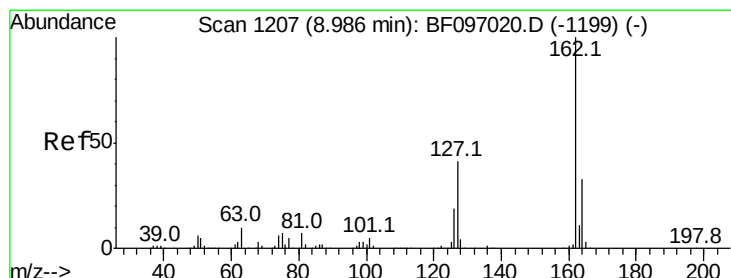
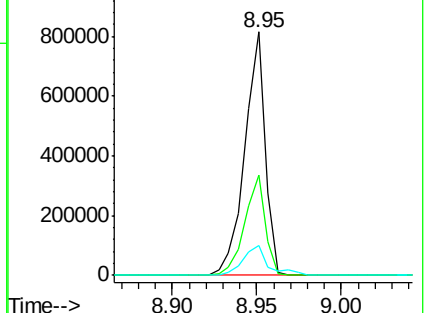
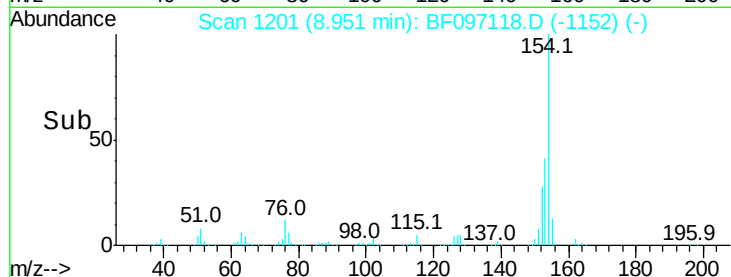
154 100

153 41.2 21.2 61.2

76 12.2 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 38.198 ng

RT: 8.97 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

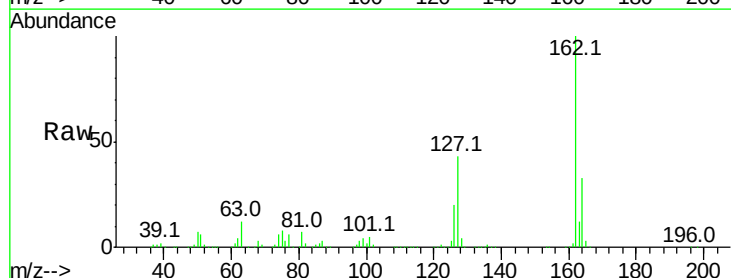
Tgt Ion:162 Resp: 504381

Ion Ratio Lower Upper

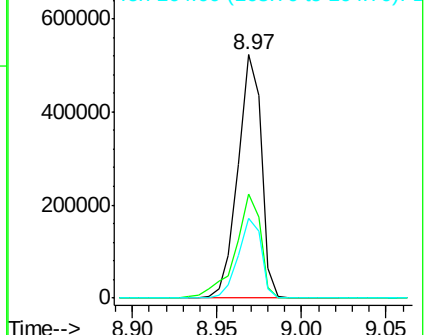
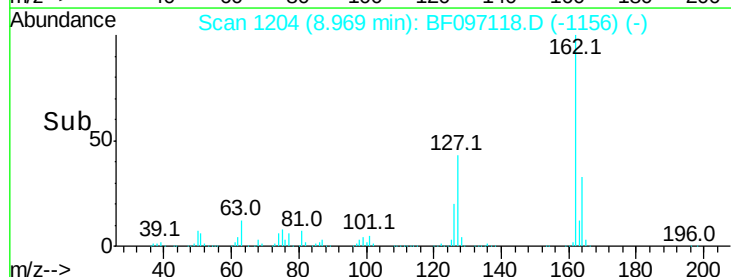
162 100

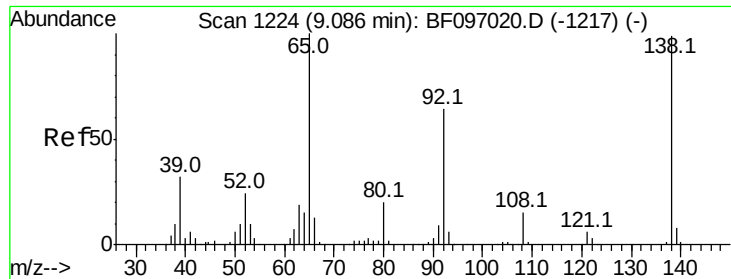
127 43.0 28.3 42.5#

164 32.6 27.0 40.4



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

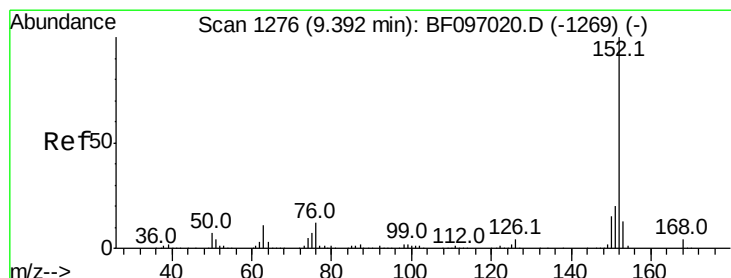
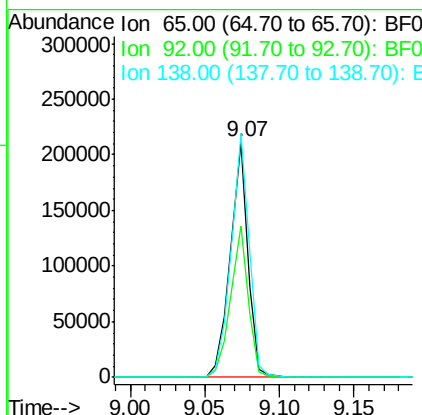
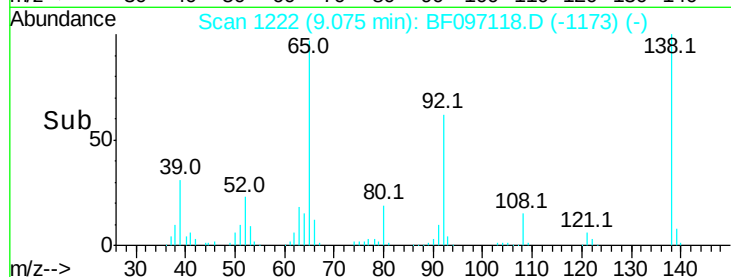
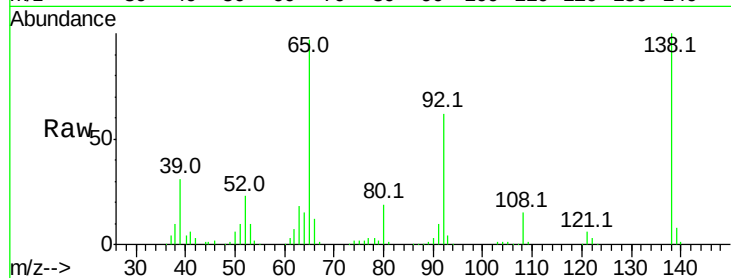




#47
 2-Nitroaniline
 Concen: 37.536 ng
 RT: 9.07 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF097118.D
 Acq: 27 Jul 2017 13:17

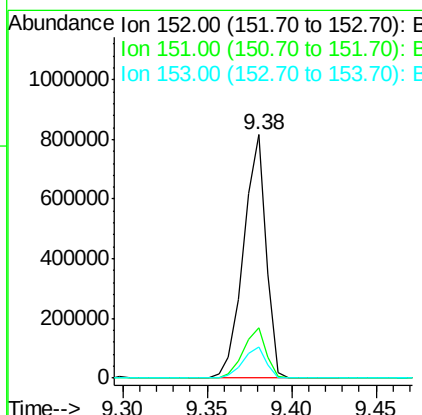
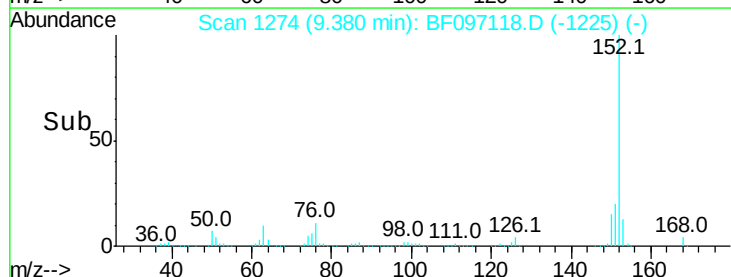
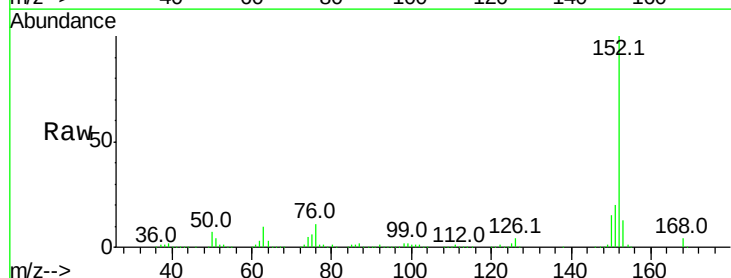
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

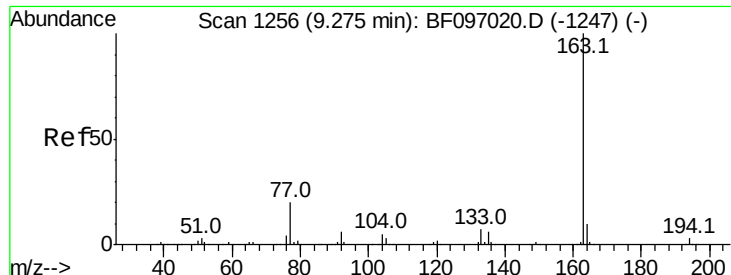
Tot Ion: 65 Resp: 179876
 Ion Ratio Lower Upper
 65 100
 92 64.4 53.9 80.9
 138 103.5 78.8 118.2



#48
 Acenaphthylene
 Concen: 37.612 ng
 RT: 9.38 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF097118.D
 Acq: 27 Jul 2017 13:17

Tgt Ion: 152 Resp: 762316
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 13.0 10.8 16.2

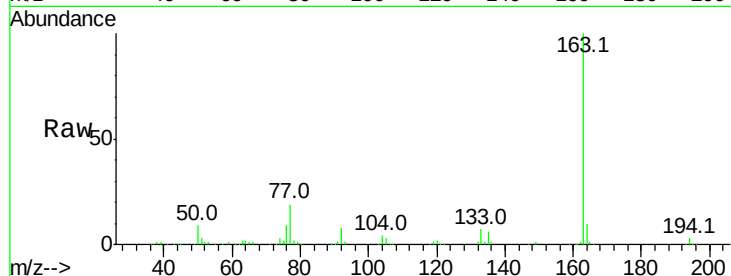




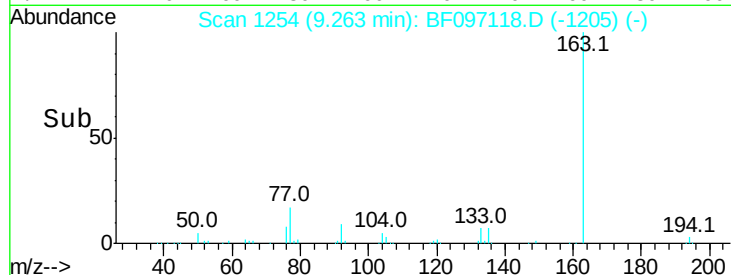
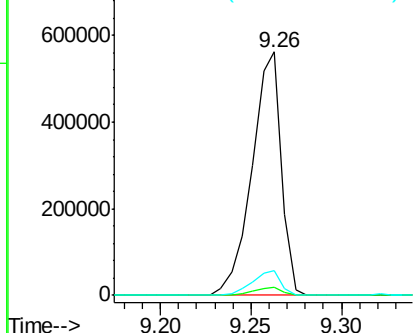
#49
Dimethylphthalate
Concen: 39.670 ng
RT: 9.26 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 632858
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.1 8.4 12.6

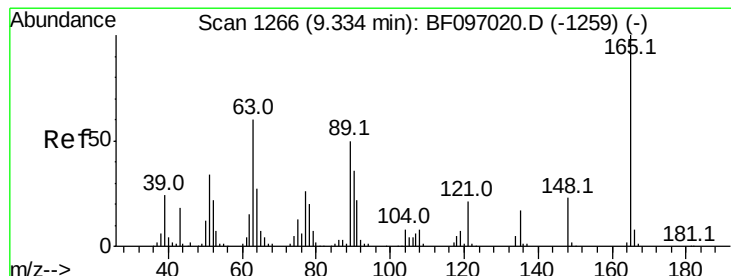


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

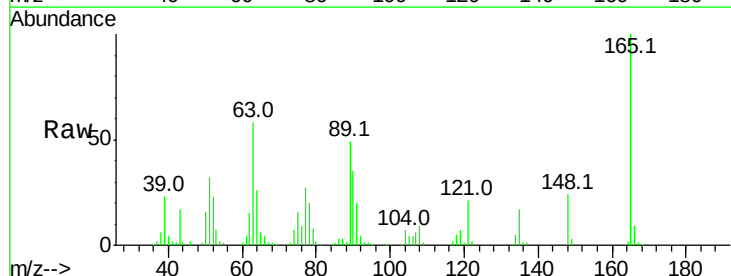
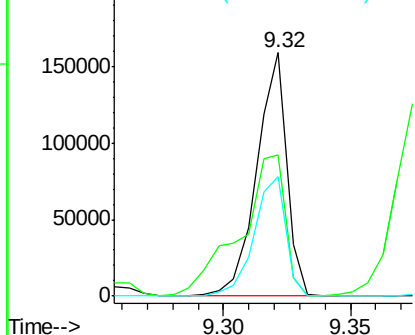


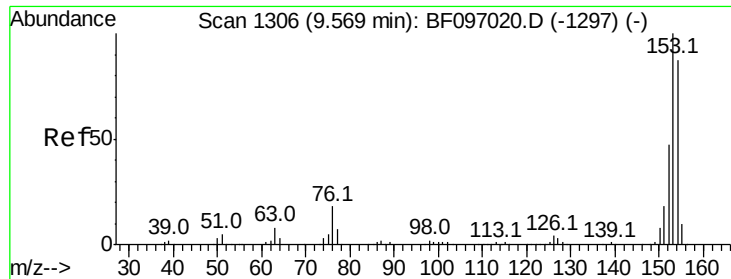
#50
2,6-Dinitrotoluene
Concen: 38.977 ng
RT: 9.32 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

Tgt Ion:165 Resp: 131880
Ion Ratio Lower Upper
165 100
63 58.0 34.3 51.5#
89 48.9 37.1 55.7



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





#51

Acenaphthene

Concen: 37.830 ng

RT: 9.55 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

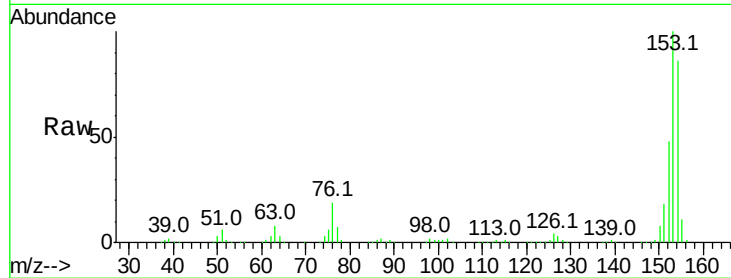
Tot Ion:154 Resp: 451633

Ion Ratio Lower Upper

154 100

153 116.3 90.5 135.7

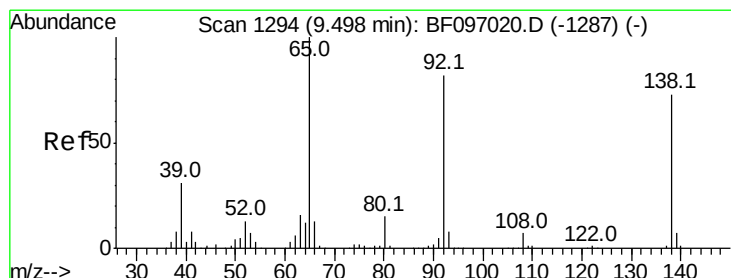
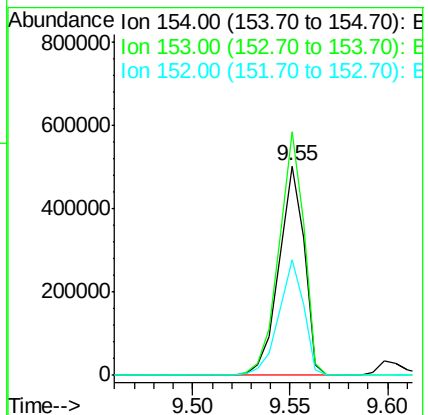
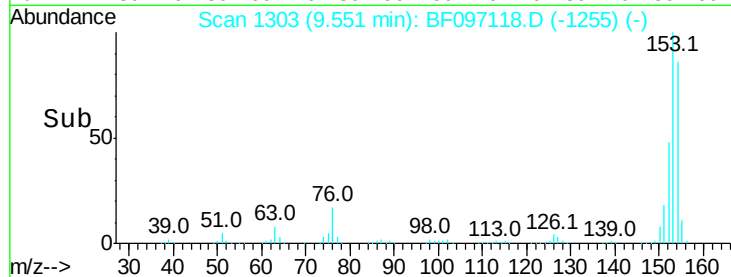
152 55.5 43.6 65.4



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: 39.797 ng

RT: 9.49 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

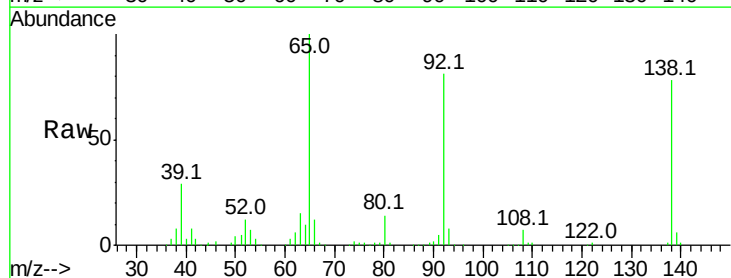
Tgt Ion:138 Resp: 167136

Ion Ratio Lower Upper

138 100

108 8.7 9.1 13.7#

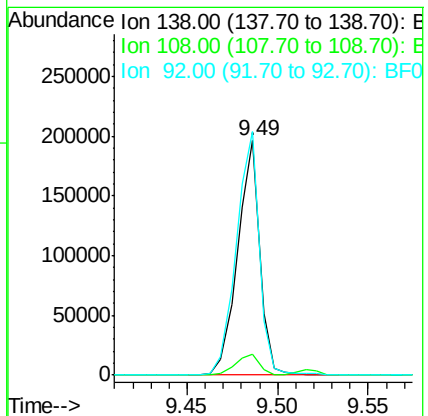
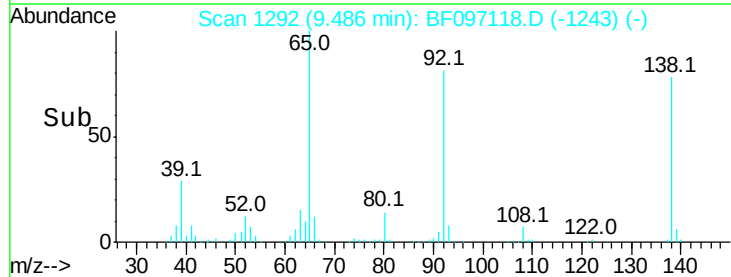
92 103.8 93.8 140.6

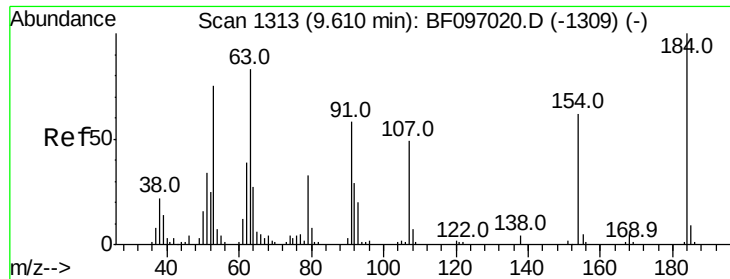


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

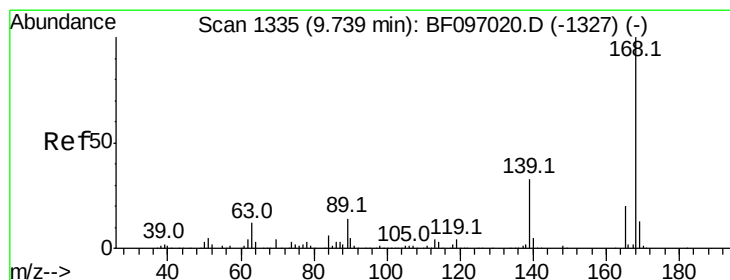
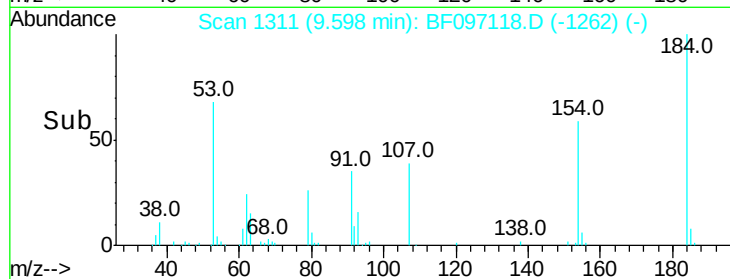
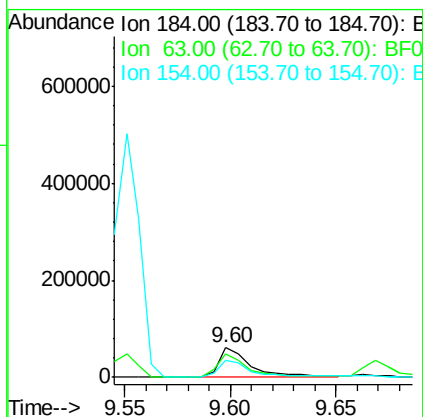
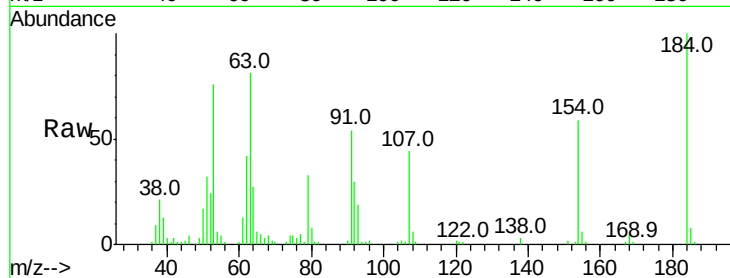




#53
 2,4-Dinitrophenol
 Concen: 42.367 ng
 RT: 9.60 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF097118.D
 Acq: 27 Jul 2017 13:17

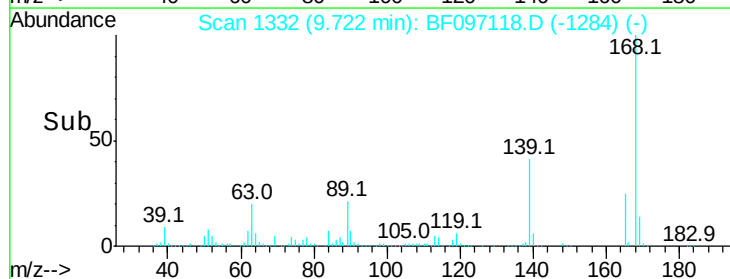
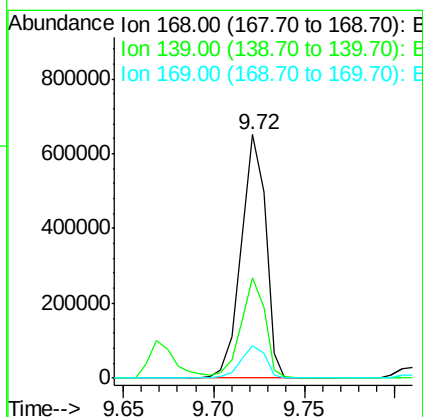
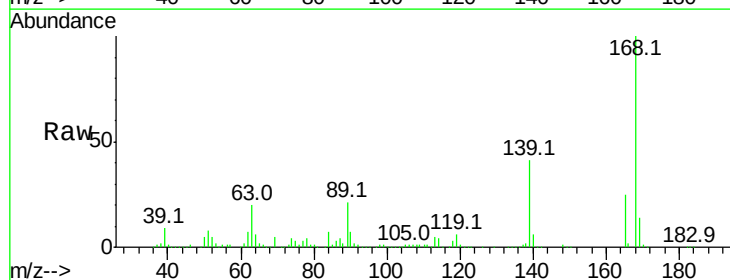
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

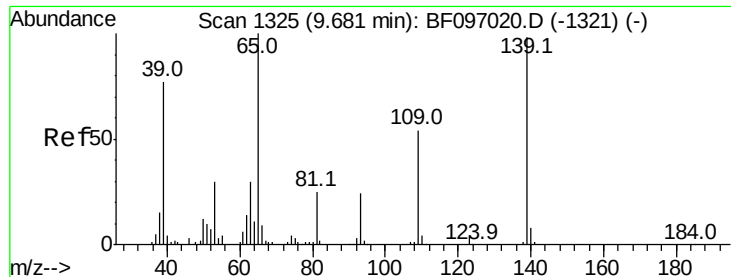
Tot Ion:184 Resp: 65178
 Ion Ratio Lower Upper
 184 100
 63 81.5 62.7 94.1
 154 59.2 81.1 121.7#



#54
 Dibenzofuran
 Concen: 38.557 ng
 RT: 9.72 min Scan# 1332
 Delta R.T. -0.02 min
 Lab File: BF097118.D
 Acq: 27 Jul 2017 13:17

Tgt Ion:168 Resp: 613121
 Ion Ratio Lower Upper
 168 100
 139 41.1 30.6 45.8
 169 13.5 10.8 16.2





#55

4-Nitrophenol

Concen: 40.144 ng

RT: 9.67 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

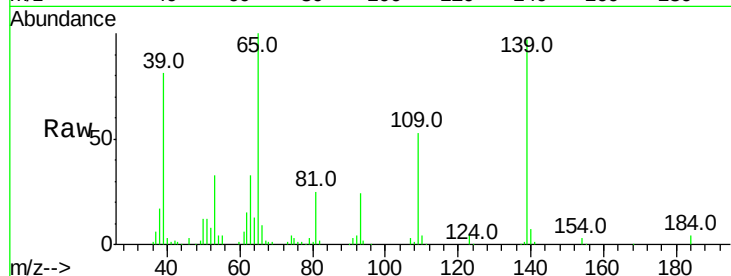
Tot Ion:139 Resp: 100262

Ion Ratio Lower Upper

139 100

109 54.8 34.1 74.1

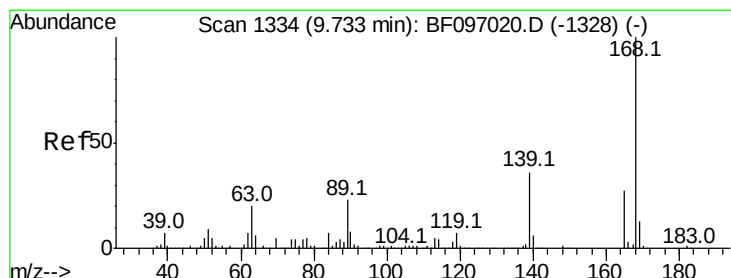
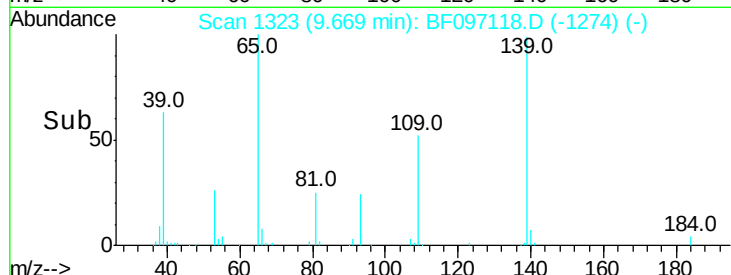
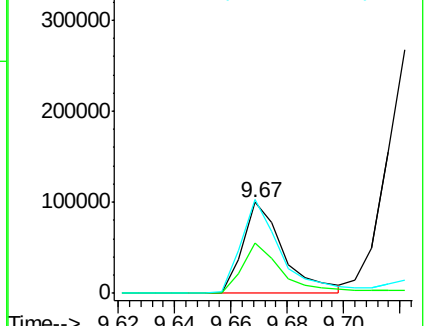
65 102.7 31.4 71.4#



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: 39.633 ng

RT: 9.72 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Tgt Ion:165 Resp: 154156

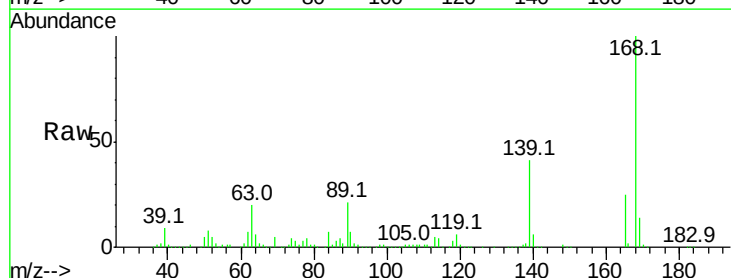
Ion Ratio Lower Upper

165 100

63 81.4 25.4 38.0#

89 84.1 46.4 69.6#

182 1.8 1.8 2.6

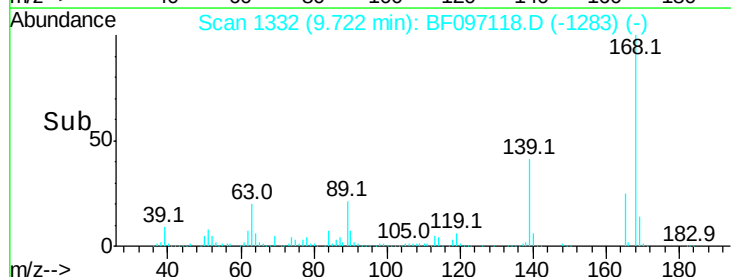
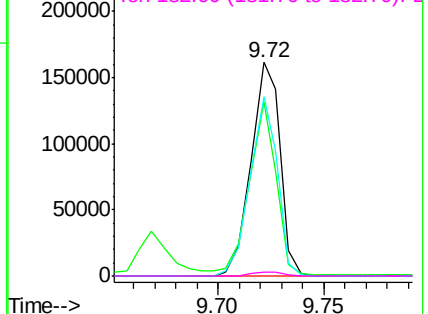


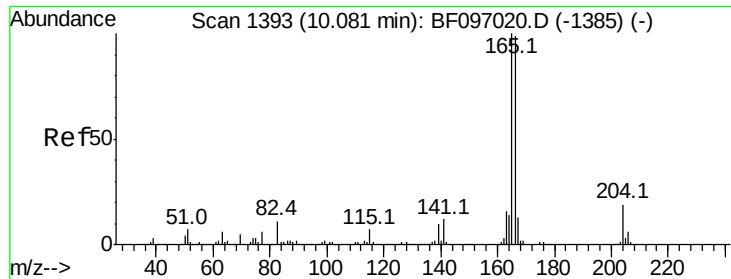
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.944 ng

RT: 10.06 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

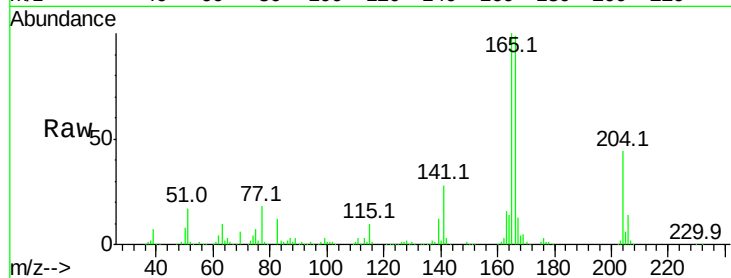
Tot Ion:166 Resp: 489349

Ion Ratio Lower Upper

166 100

165 100.9 78.8 118.2

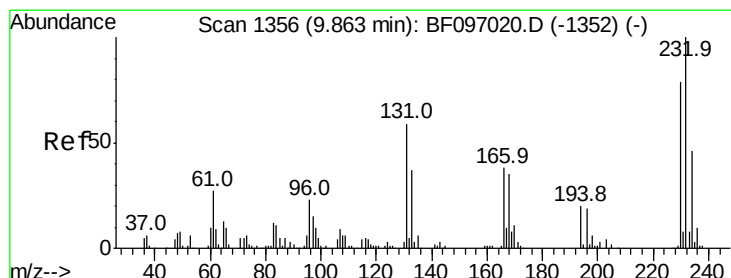
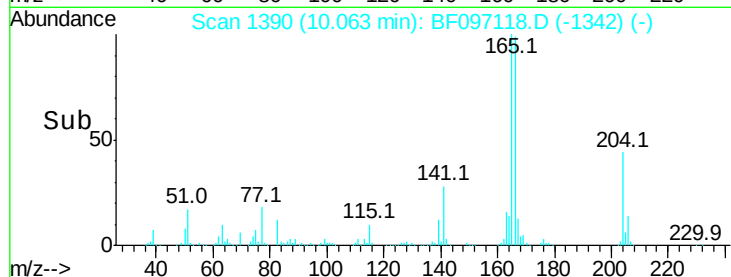
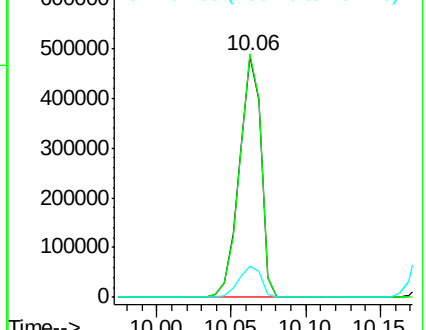
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.836 ng

RT: 9.85 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Tgt Ion:232 Resp: 111832

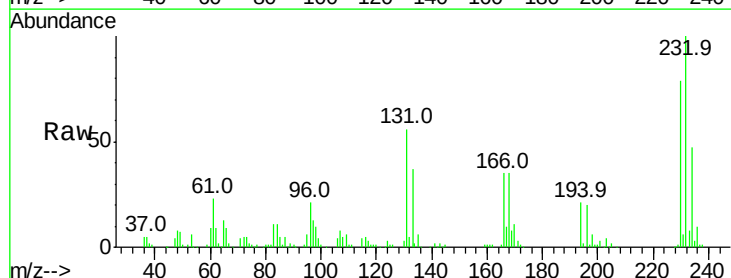
Ion Ratio Lower Upper

232 100

131 55.4 44.8 67.2

130 2.5 2.3 3.5

166 34.0 29.0 43.4

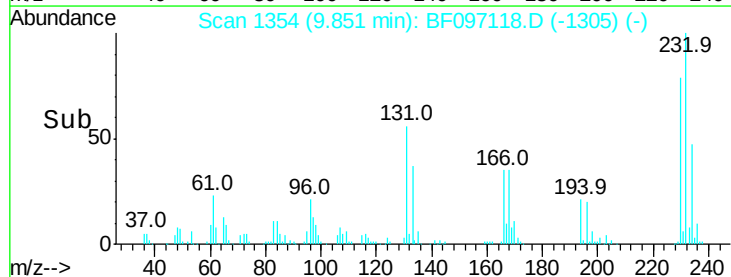
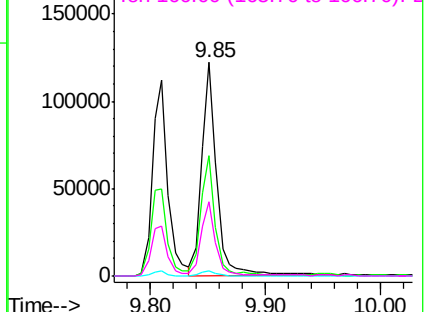


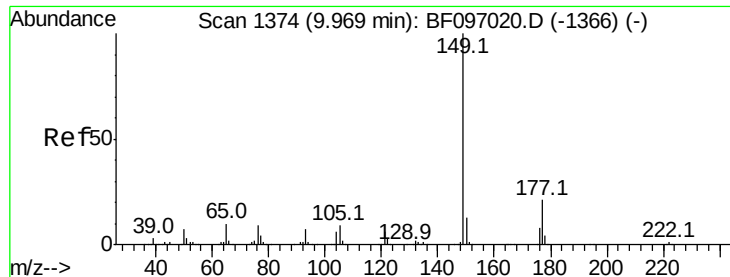
Abundance Ion 232.00 (231.70 to 232.70): E

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

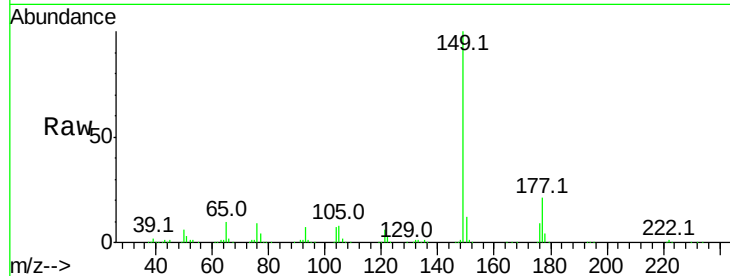




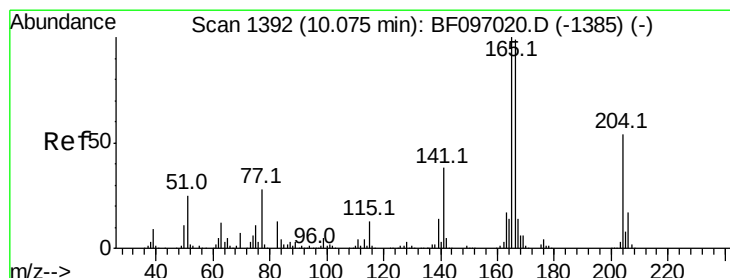
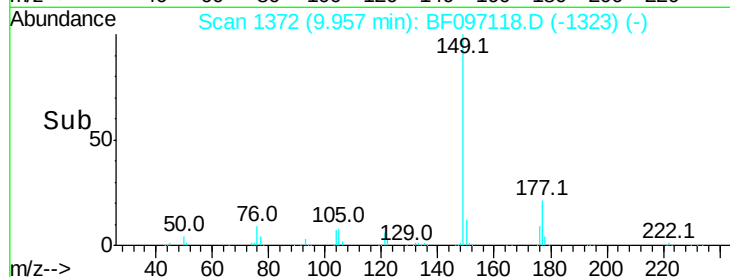
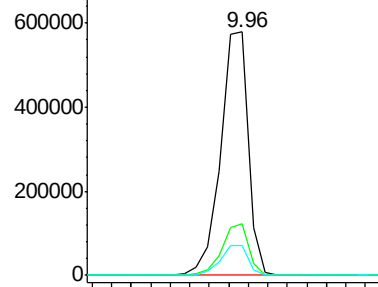
#59
Diethylphthalate
Concen: 38.839 ng
RT: 9.96 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 568432
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 12.4 10.2 15.2

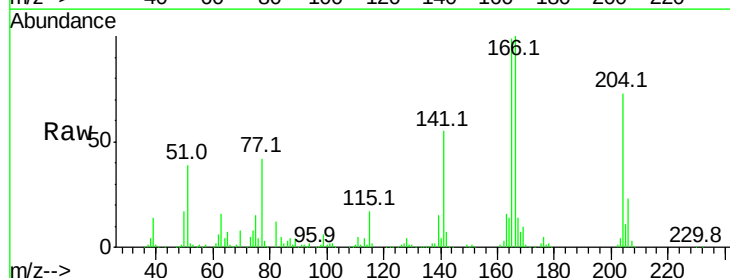


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

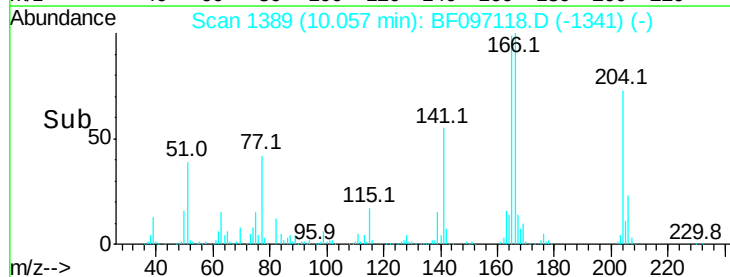
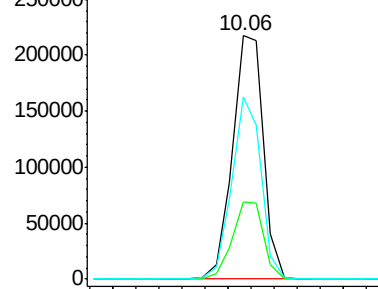


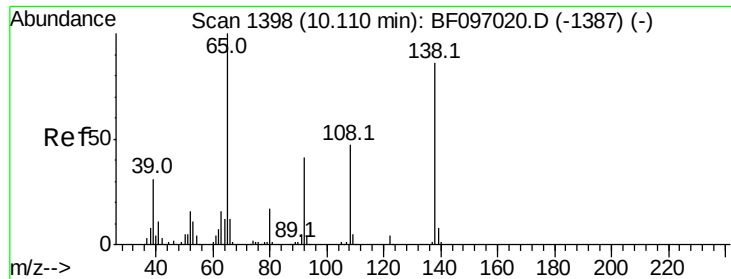
#60
4-Chlorophenyl-phenylether
Concen: 41.041 ng
RT: 10.06 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

Tgt Ion:204 Resp: 202551
Ion Ratio Lower Upper
204 100
206 31.8 26.2 39.2
141 74.9 60.8 91.2



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: 41.783 ng

RT: 10.10 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

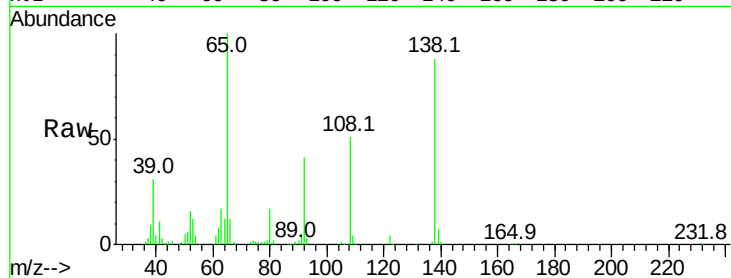
Tot Ion:138 Resp: 166738

Ion Ratio Lower Upper

138 100

92 47.0 21.8 61.8

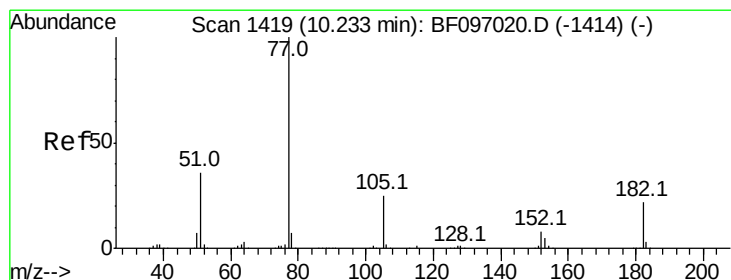
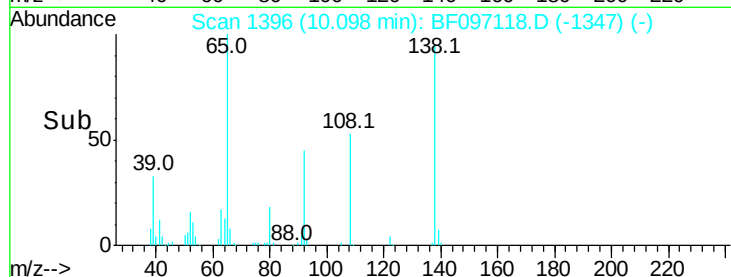
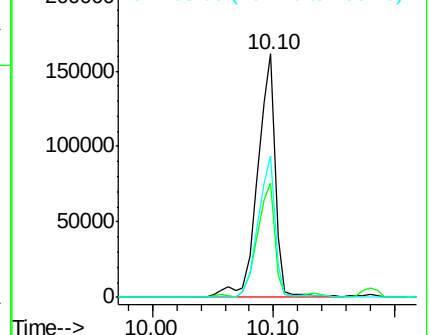
108 58.0 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.640 ng

RT: 10.22 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Tgt Ion: 77 Resp: 524634

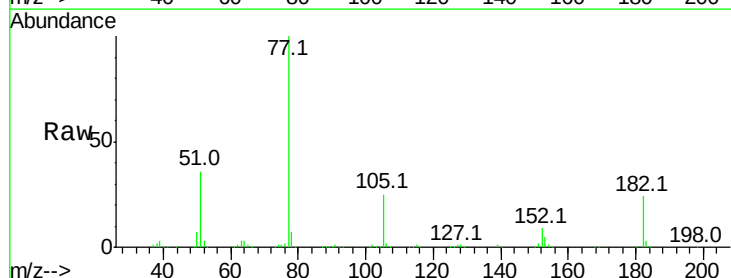
Ion Ratio Lower Upper

77 100

182 24.4 0.1 40.1

105 24.7 3.6 43.6

51 35.7 9.4 49.4

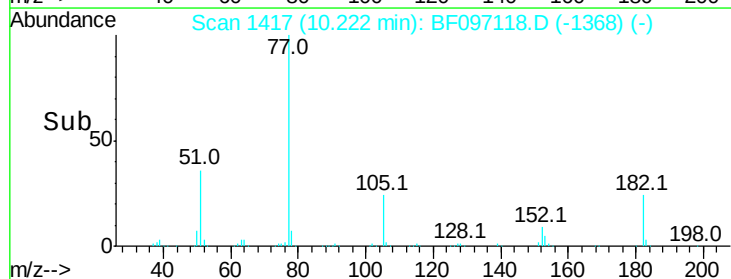
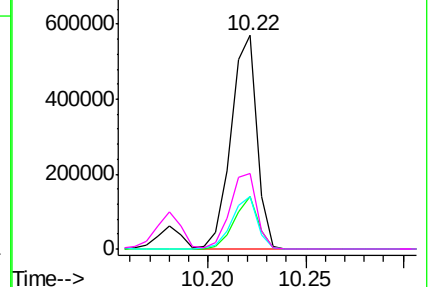


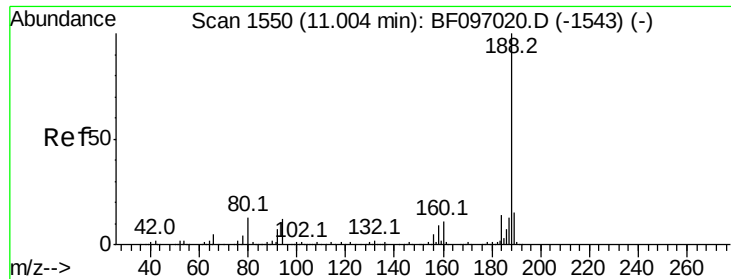
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

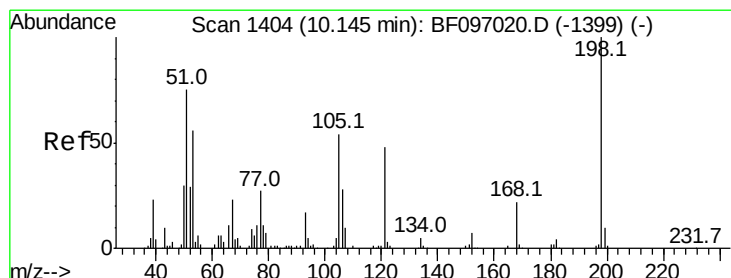
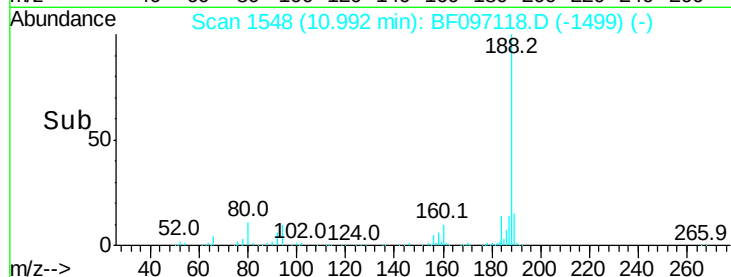
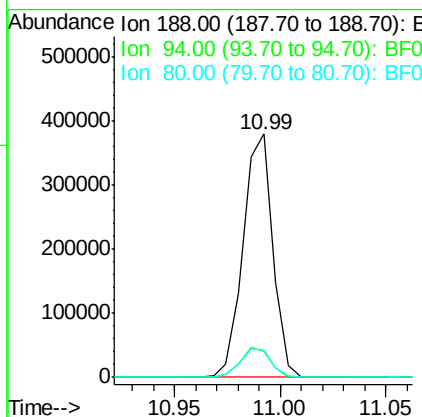
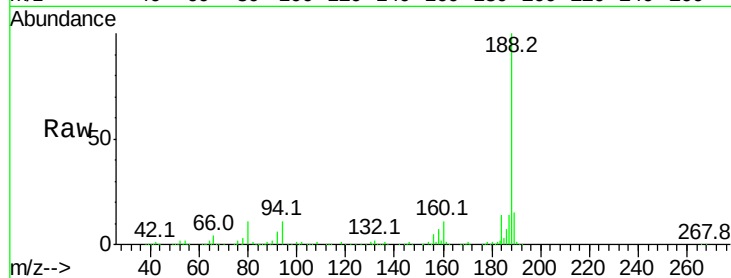




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

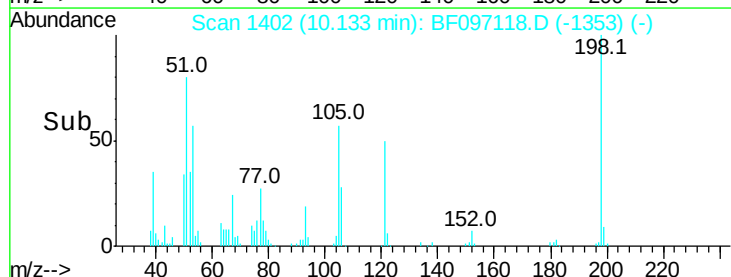
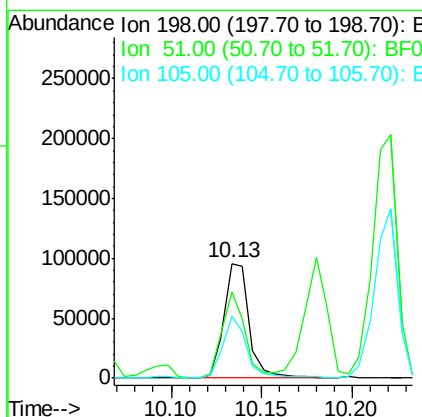
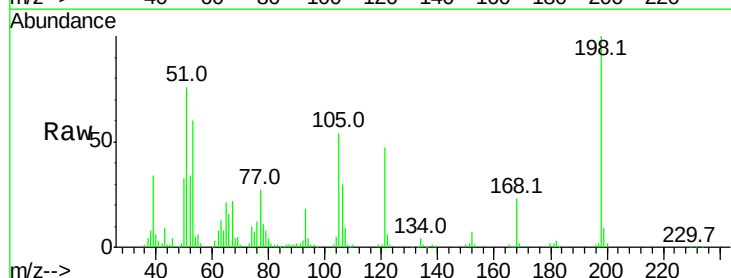
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

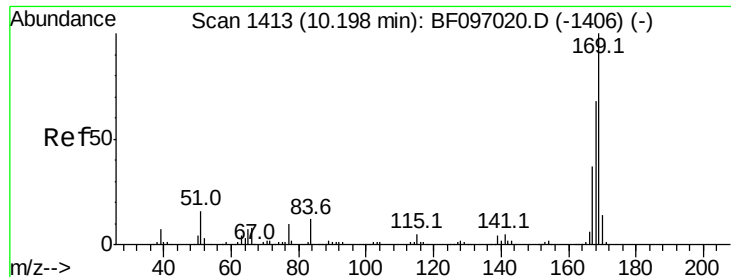
Tot Ion:188 Resp: 370199
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.0 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 40.559 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

Tgt Ion:198 Resp: 93302
Ion Ratio Lower Upper
198 100
51 75.9 53.2 93.2
105 53.7 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 36.345 ng

RT: 10.18 min Scan# 1410

Delta R.T. -0.02 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

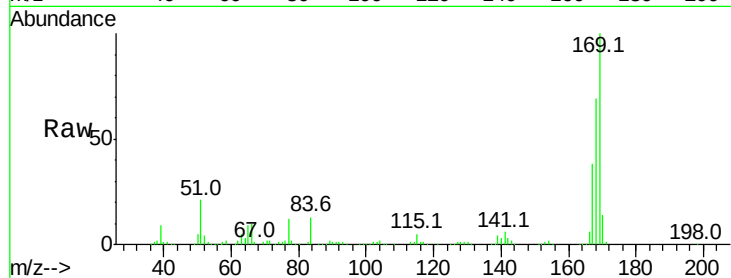
Tot Ion:169 Resp: 468144

Ion Ratio Lower Upper

169 100

168 69.4 53.2 79.8

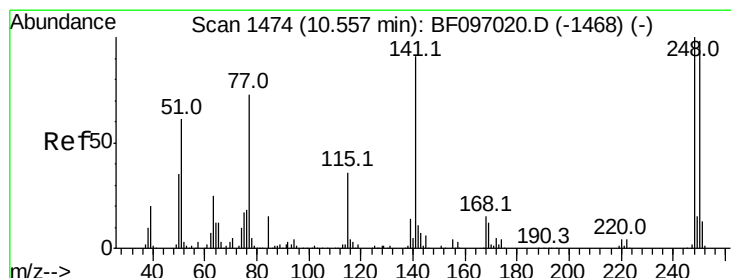
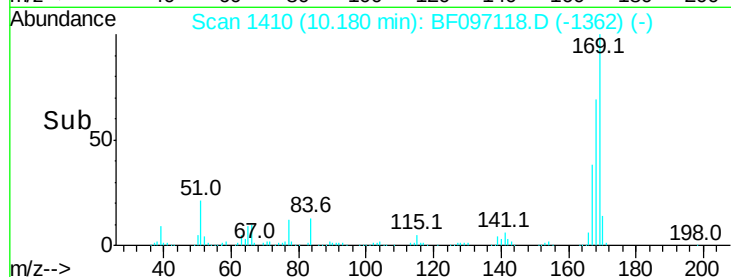
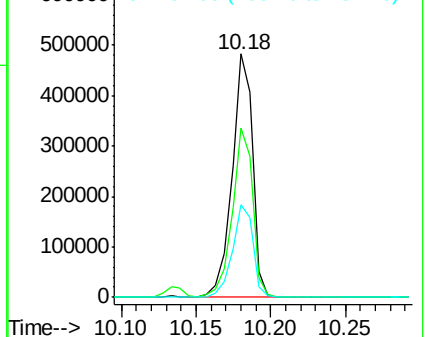
167 37.9 29.5 44.3



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: 35.750 ng

RT: 10.55 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

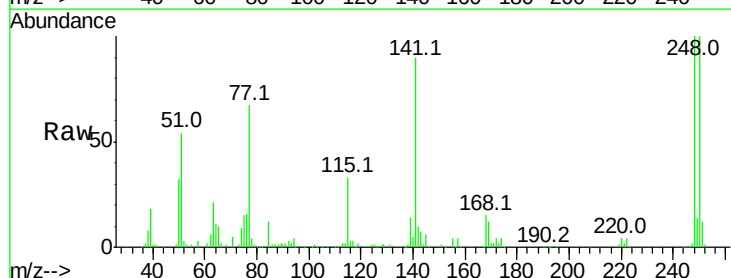
Tgt Ion:248 Resp: 132078

Ion Ratio Lower Upper

248 100

250 99.6 76.8 115.2

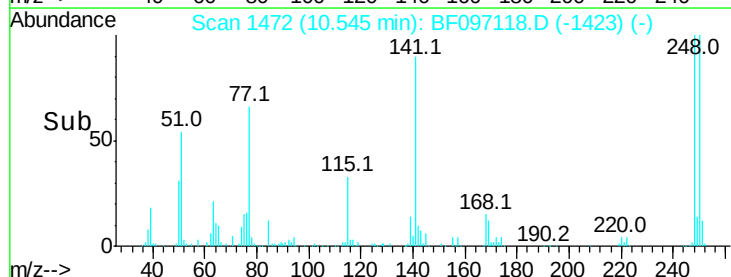
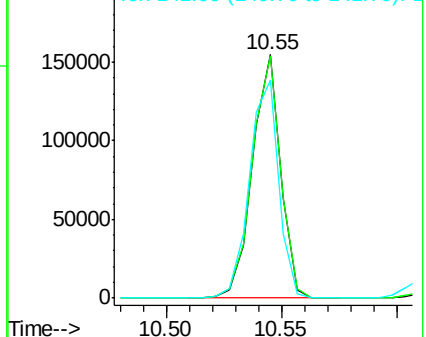
141 89.5 68.6 103.0

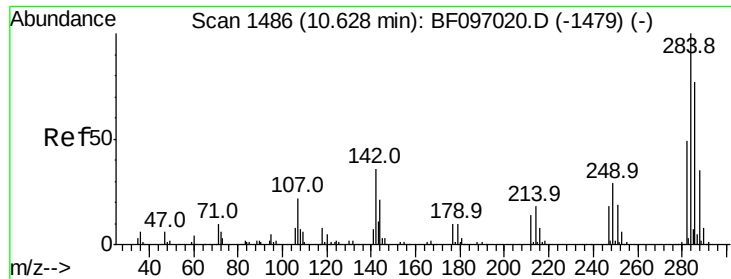


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.445 ng

RT: 10.62 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

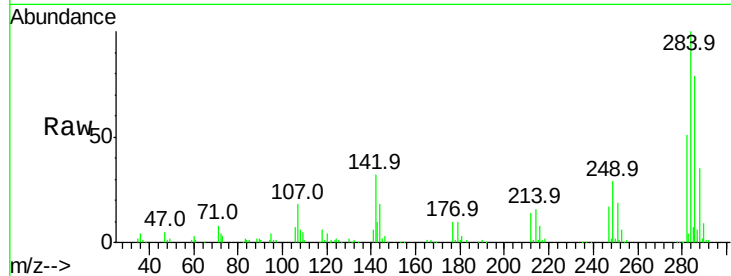
Tot Ion:284 Resp: 150992

Ion Ratio Lower Upper

284 100

142 31.7 22.8 34.2

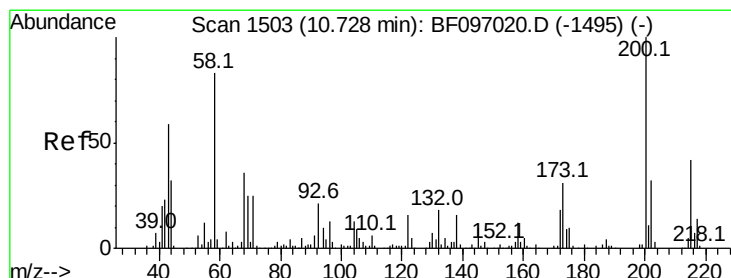
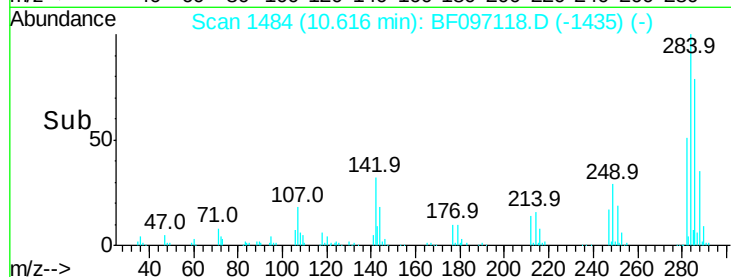
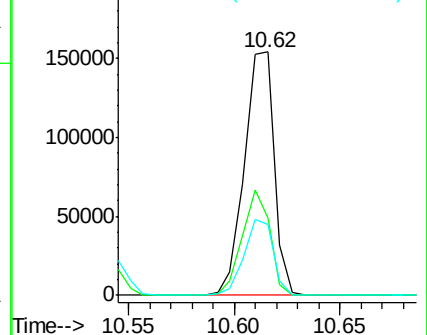
249 28.9 24.0 36.0



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: 37.833 ng

RT: 10.72 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

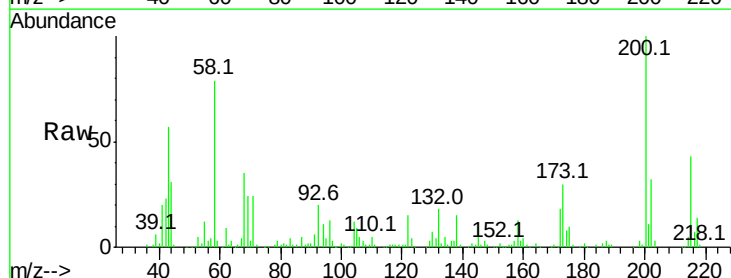
Tgt Ion:200 Resp: 139740

Ion Ratio Lower Upper

200 100

173 30.2 6.3 46.3

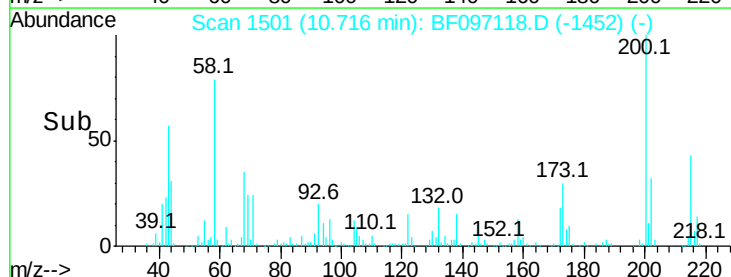
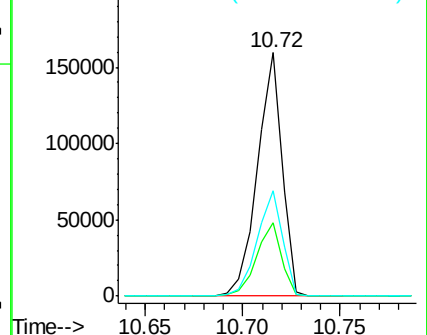
215 43.3 27.2 67.2

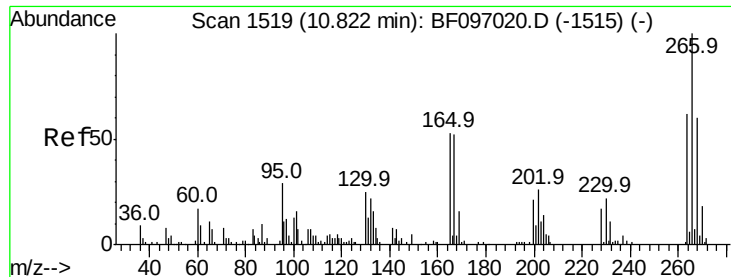


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

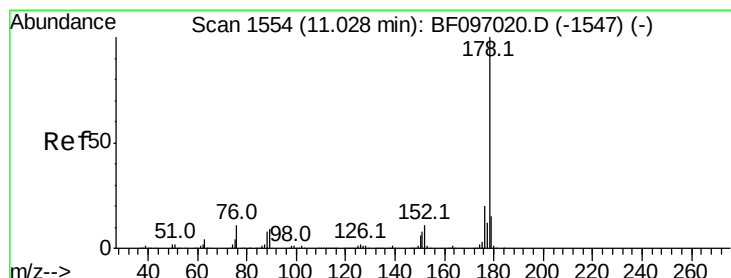
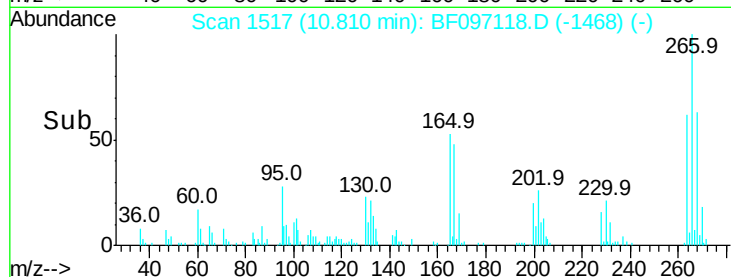
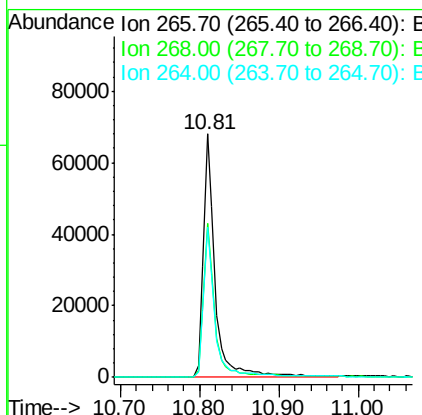
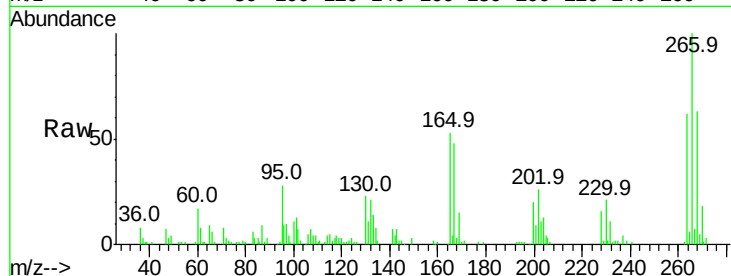




#69
 Pentachlorophenol
 Concen: 42.659 ng
 RT: 10.81 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF097118.D
 Acq: 27 Jul 2017 13:17

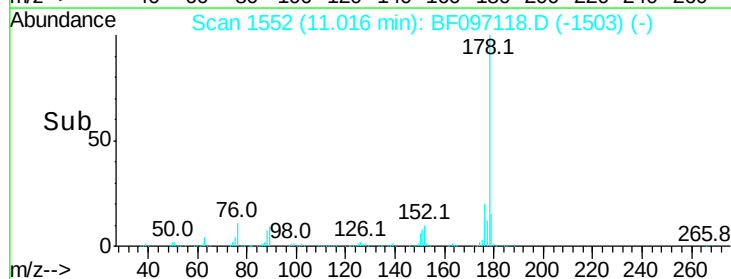
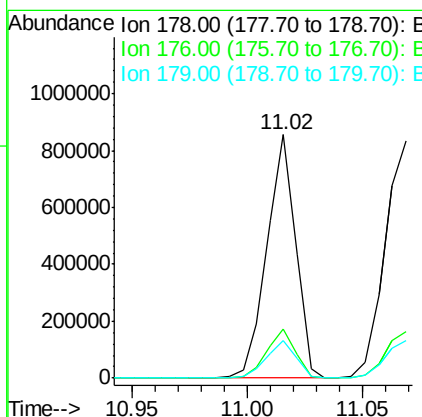
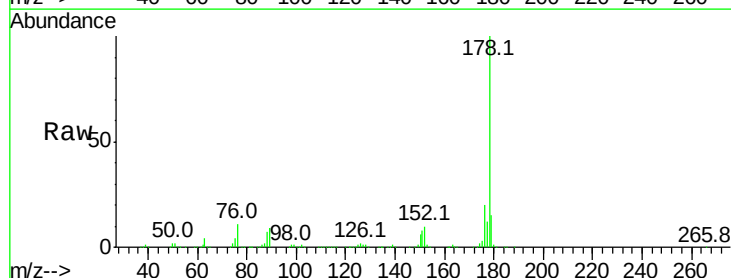
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

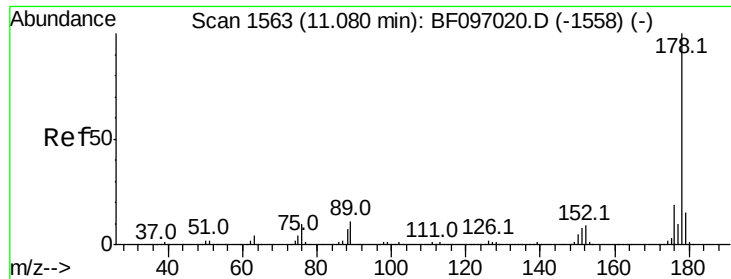
Tot Ion:266 Resp: 73126
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 61.9 51.7 77.5



#70
 Phenanthrene
 Concen: 37.543 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF097118.D
 Acq: 27 Jul 2017 13:17

Tgt Ion:178 Resp: 744680
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 15.4 12.6 19.0





#71

Anthracene

Concen: 37.530 ng

RT: 11.07 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

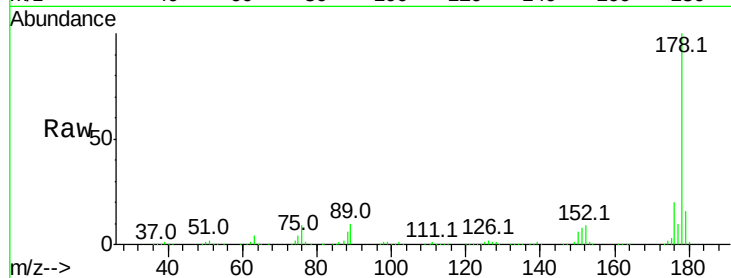
Tot Ion:178 Resp: 762441

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

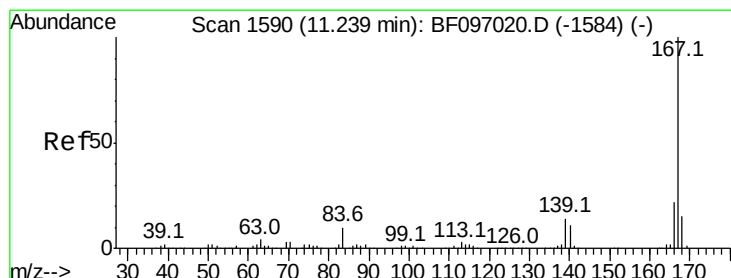
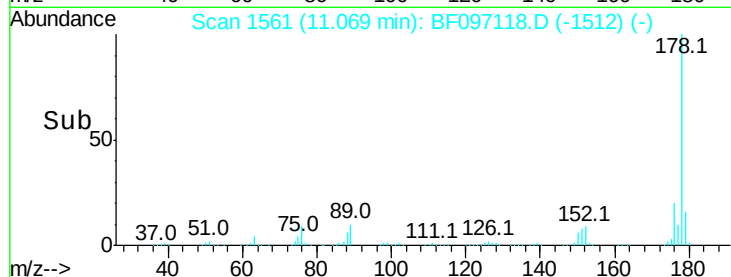
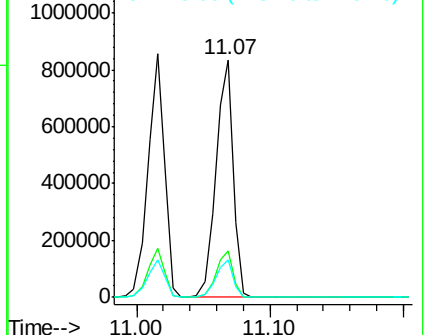
179 15.6 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.200 ng

RT: 11.23 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

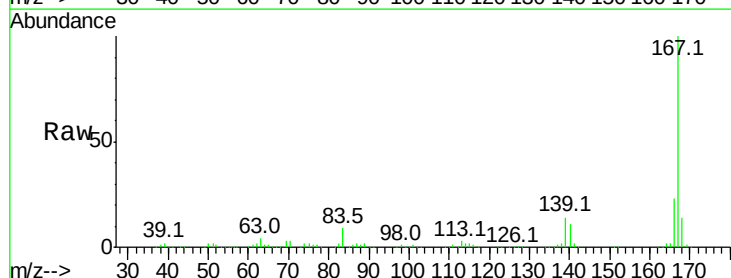
Tgt Ion:167 Resp: 743268

Ion Ratio Lower Upper

167 100

166 22.8 18.1 27.1

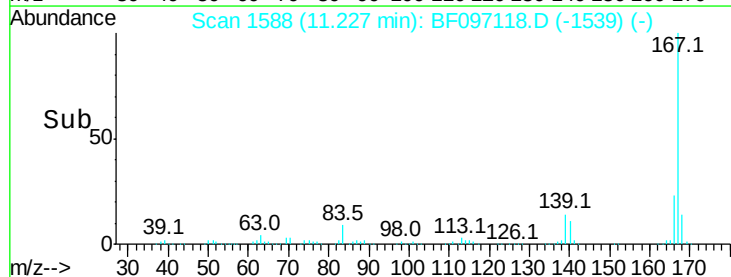
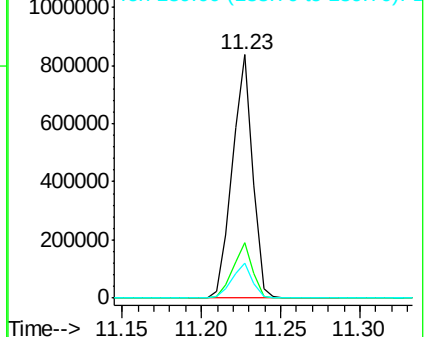
139 14.1 11.7 17.5

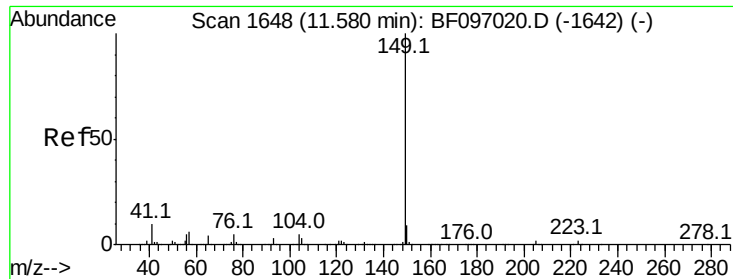


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.407 ng

RT: 11.57 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

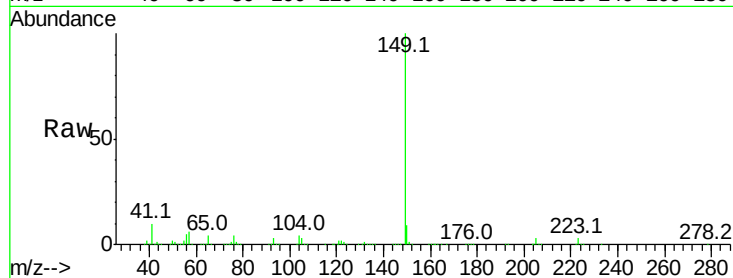
Tot Ion:149 Resp: 899179

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

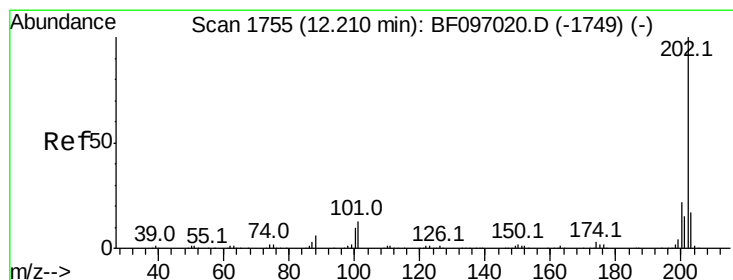
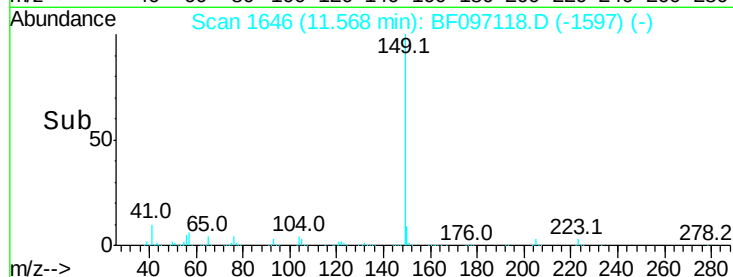
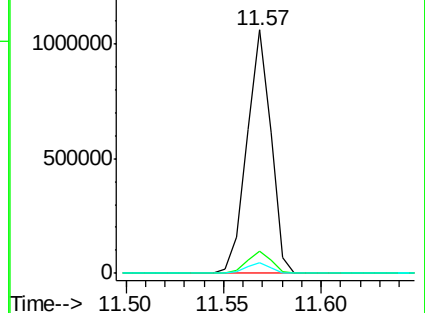
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.795 ng

RT: 12.20 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

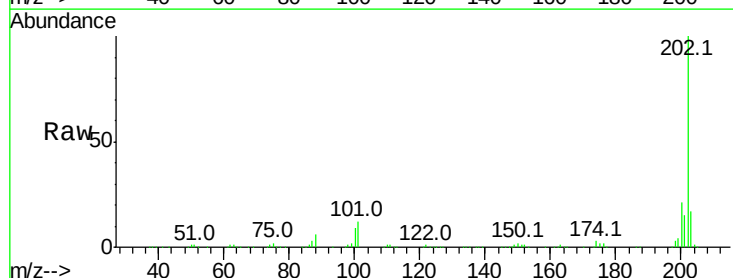
Tgt Ion:202 Resp: 715001

Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.2

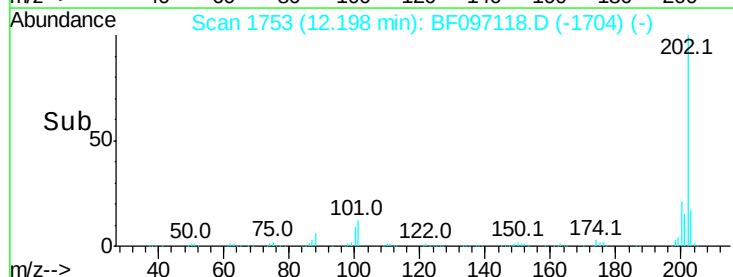
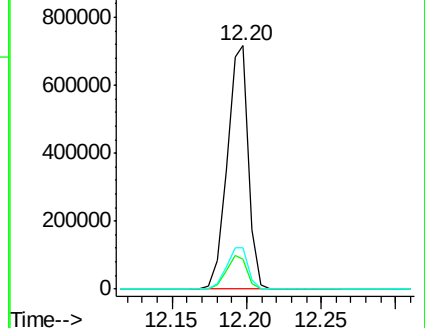
203 16.9 0.0 38.1

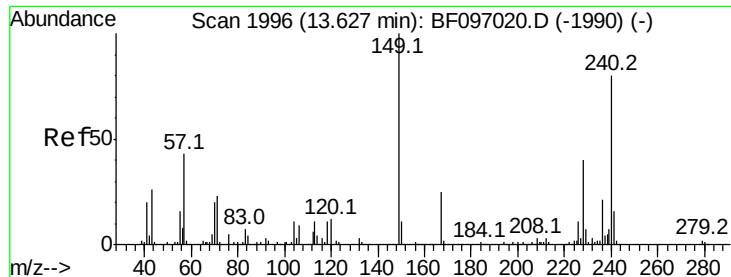


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.62 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

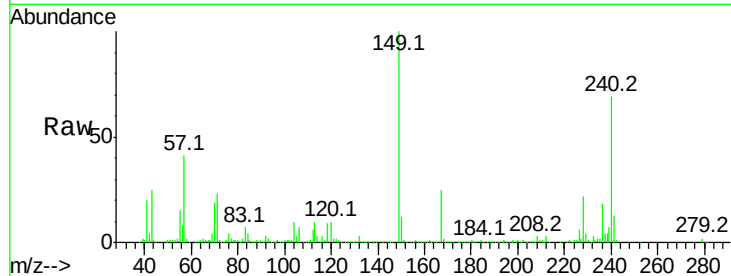
Tot Ion:240 Resp: 227072

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

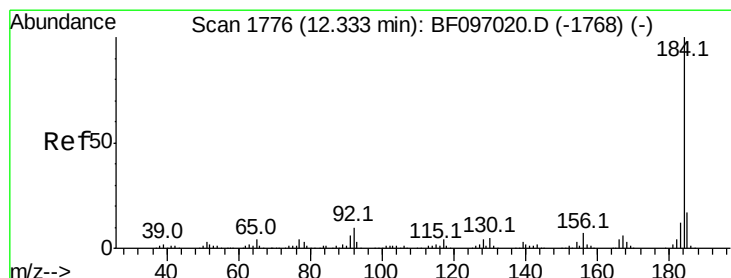
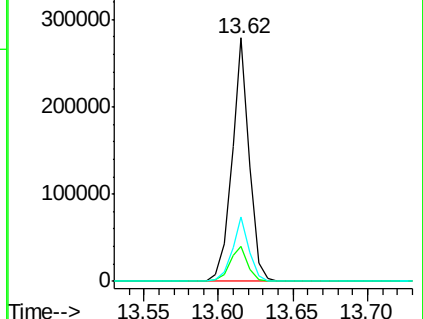
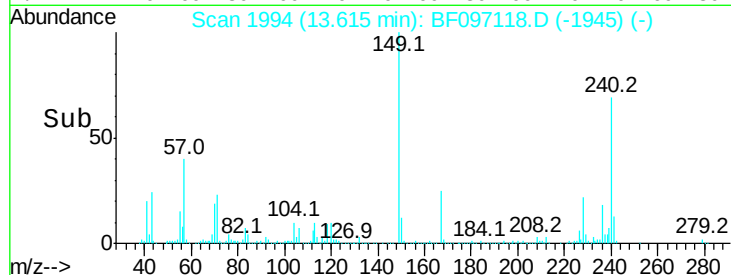
236 26.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.160 ng

RT: 12.32 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

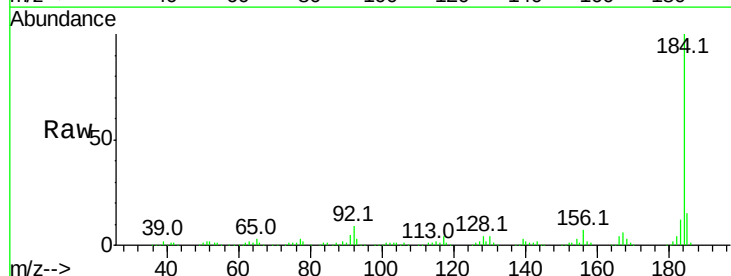
Tgt Ion:184 Resp: 355217

Ion Ratio Lower Upper

184 100

185 15.4 15.5 23.3#

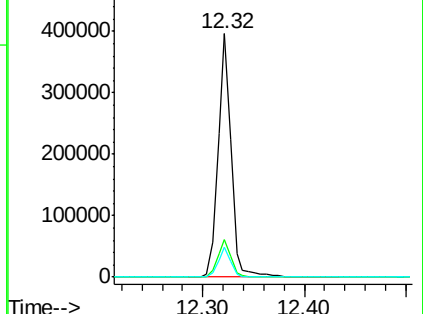
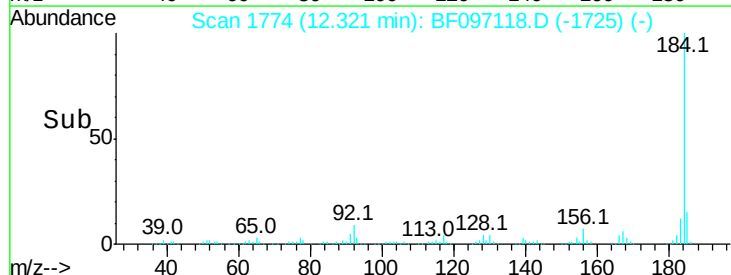
183 12.0 9.8 14.6

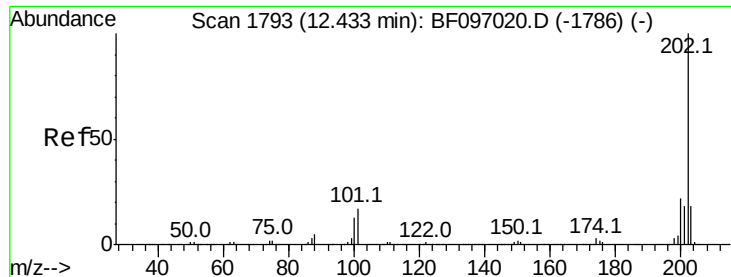


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

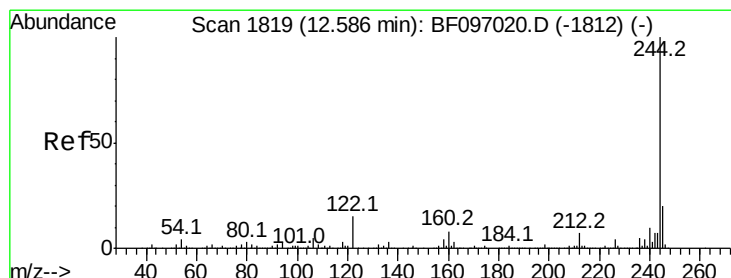
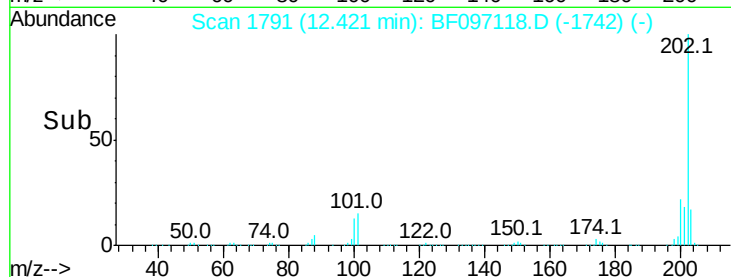
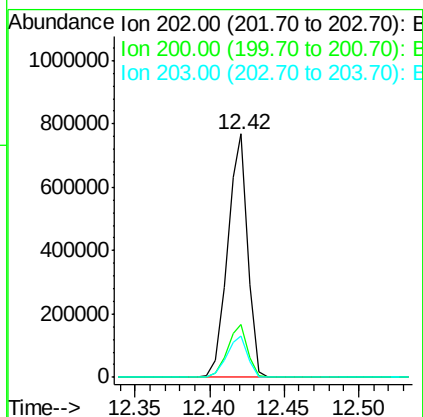
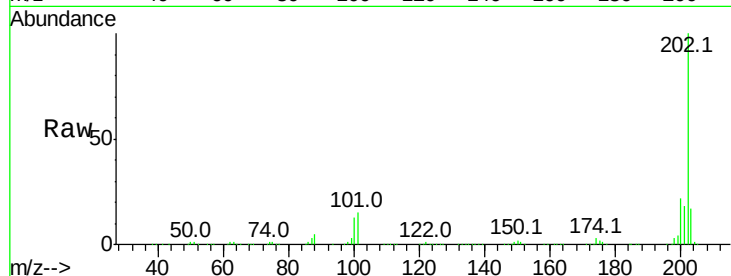




#77
Pvrene
Concen: 39.213 ng
RT: 12.42 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

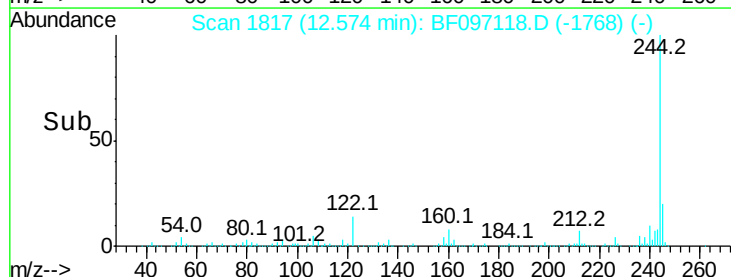
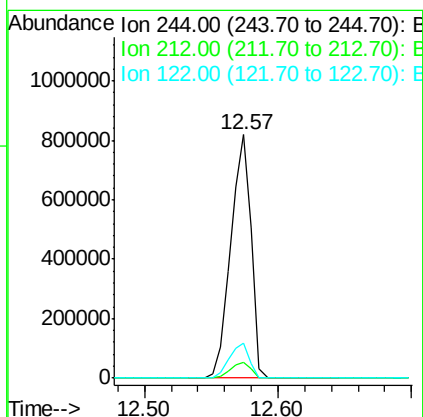
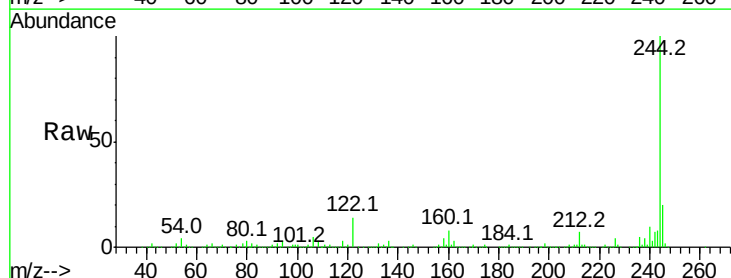
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

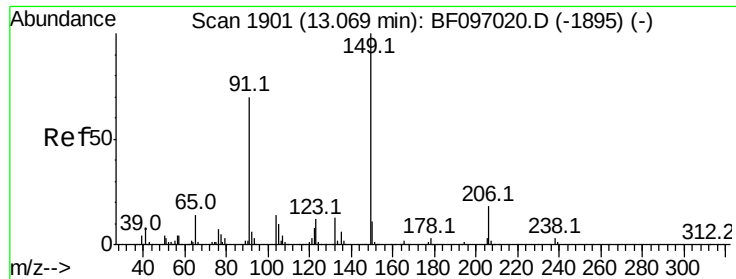
Tot Ion:202 Resp: 728953
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.1 14.4 21.6



#78
Terphenyl-d14
Concen: 78.642 ng
RT: 12.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

Tgt Ion:244 Resp: 875856
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 14.4 10.3 15.5

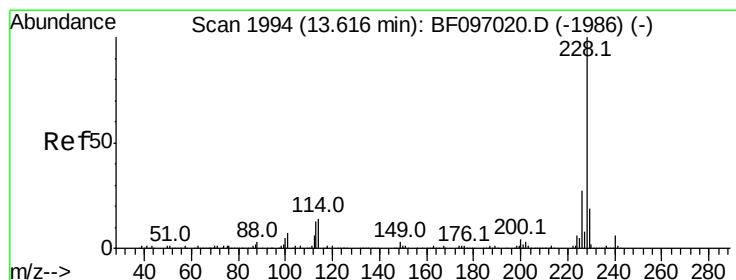
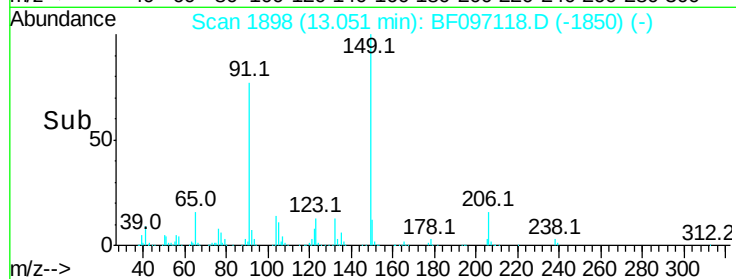
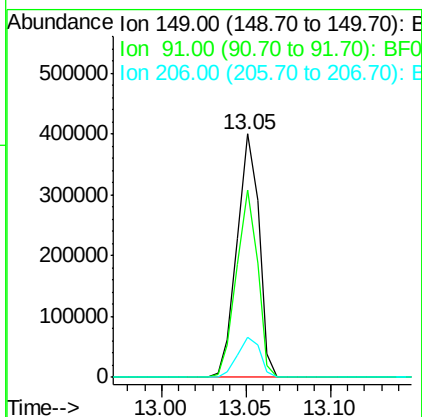
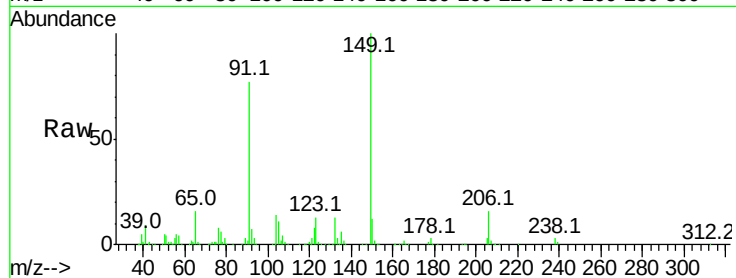




#79
Butylbenzylphthalate
Concen: 38.390 ng
RT: 13.05 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

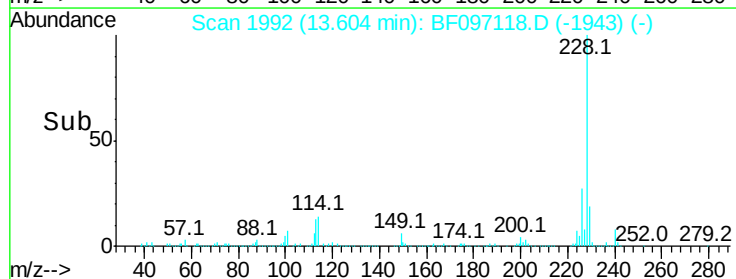
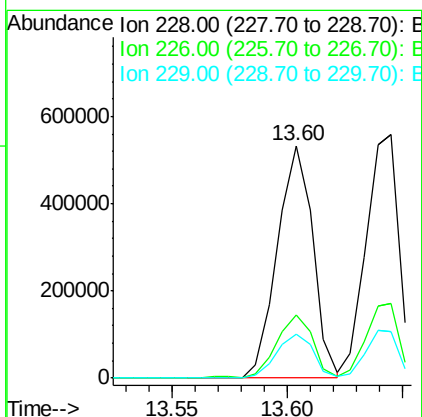
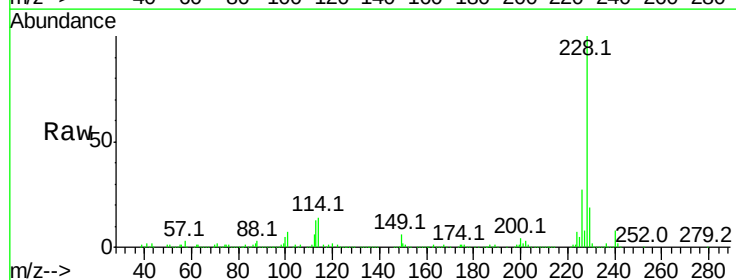
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

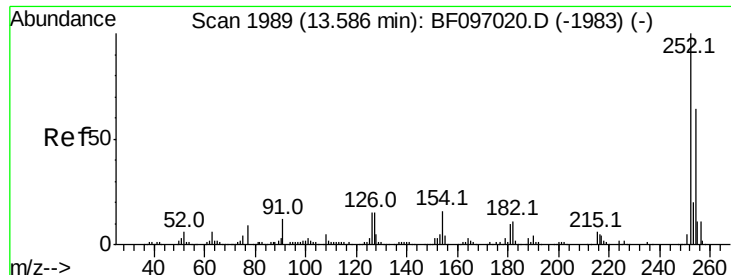
Tot Ion:149 Resp: 363016
Ion Ratio Lower Upper
149 100
91 76.9 45.0 67.4#
206 16.4 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 38.625 ng
RT: 13.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF097118.D
Acq: 27 Jul 2017 13:17

Tgt Ion:228 Resp: 567503
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.0 16.3 24.5

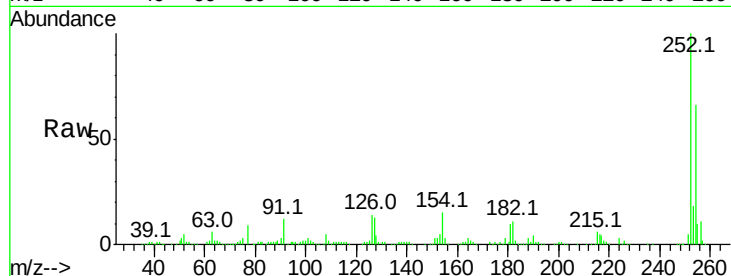




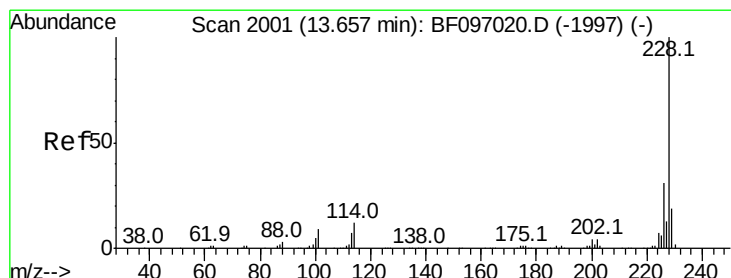
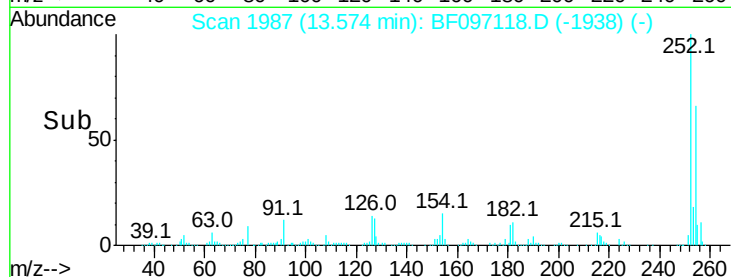
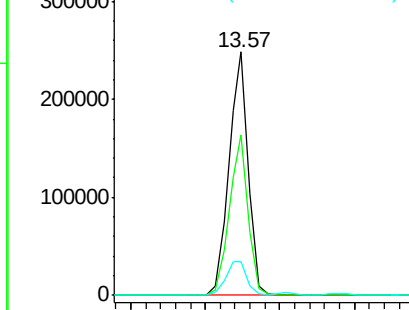
#81
 3,3'-Dichlorobenzidine
 Concen: 40.857 ng
 RT: 13.57 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF097118.D
 Acq: 27 Jul 2017 13:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 226373
 Ion Ratio Lower Upper
 252 100
 254 65.7 51.5 77.3
 126 13.9 15.8 23.8#

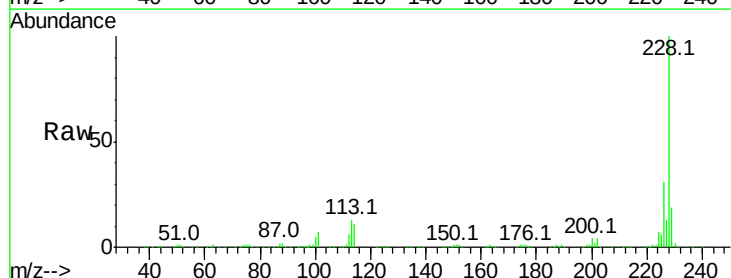


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

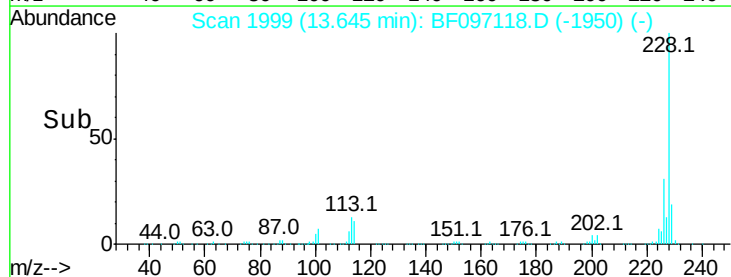
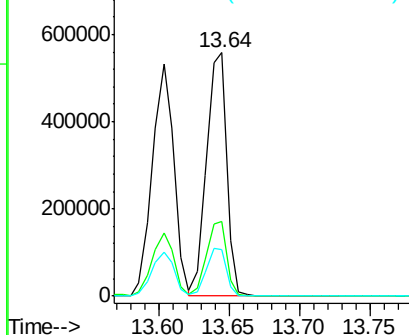


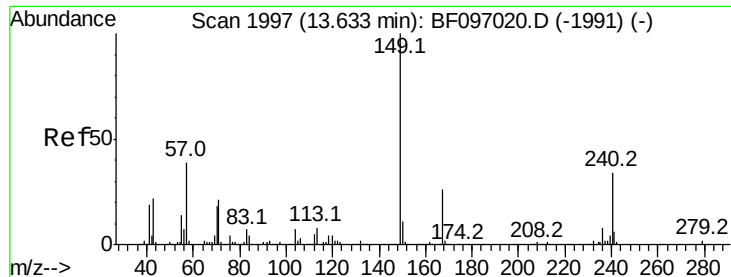
#82
 Chrysene
 Concen: 38.666 ng
 RT: 13.64 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF097118.D
 Acq: 27 Jul 2017 13:17

Tgt Ion:228 Resp: 554734
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.9 37.3
 229 19.1 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.385 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

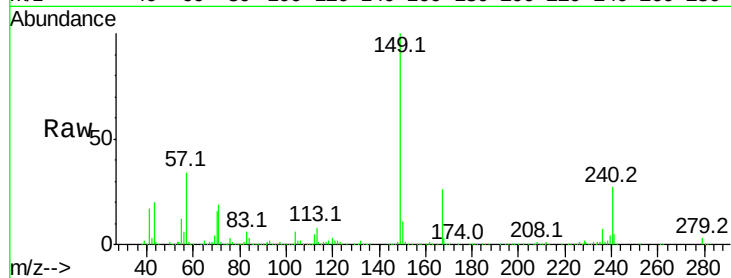
Tot Ion:149 Resp: 449223

Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

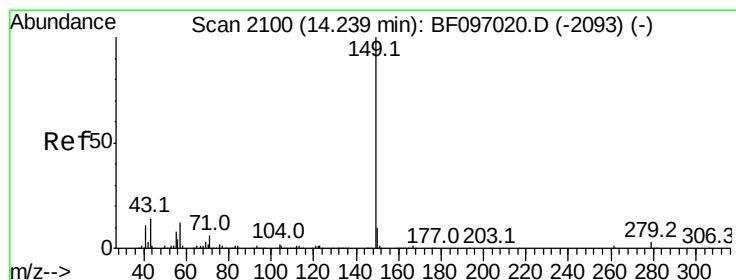
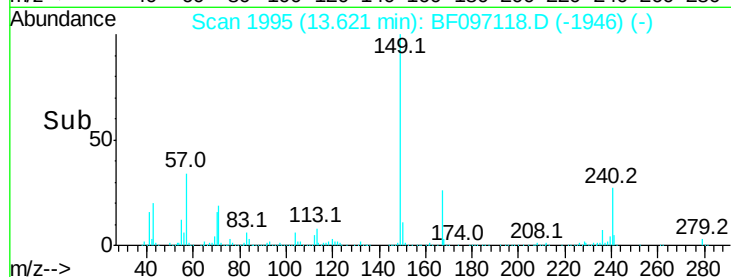
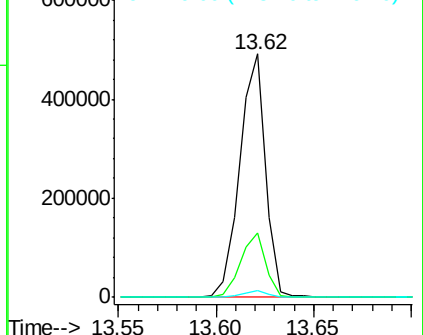
279 2.7 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.167 ng

RT: 14.23 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

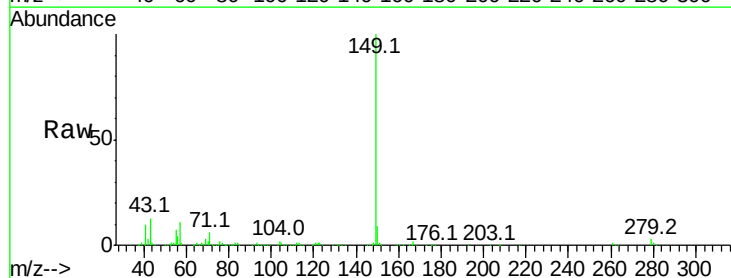
Tgt Ion:149 Resp: 774135

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

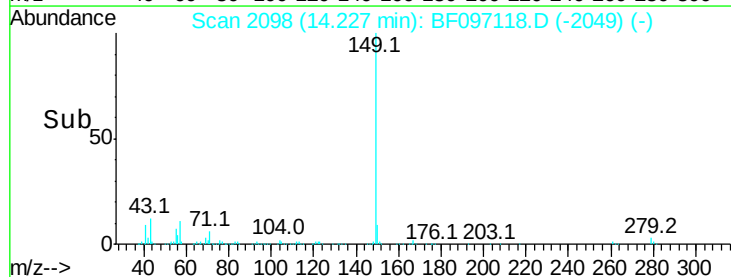
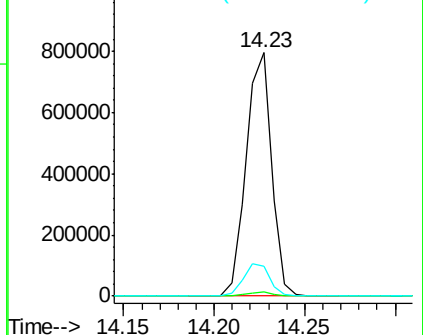
43 13.8 8.5 12.7#

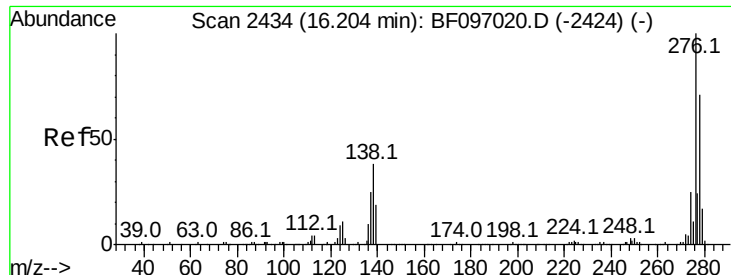


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

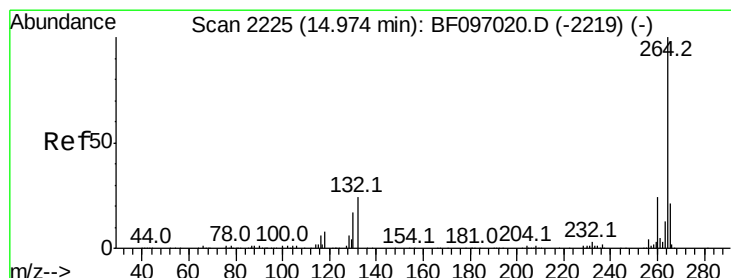
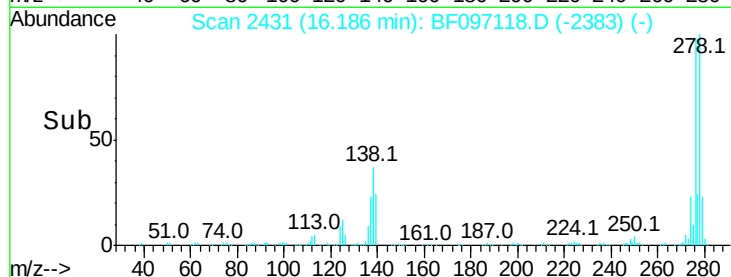
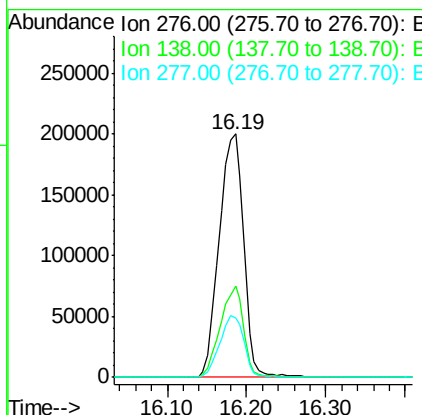
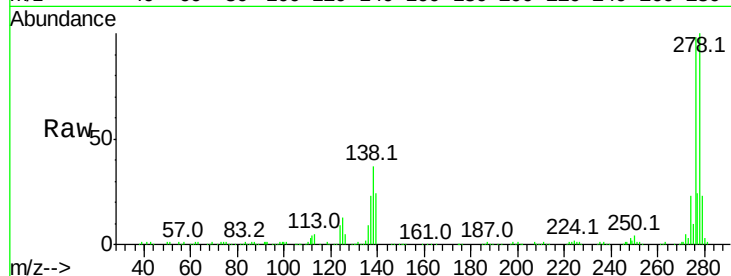




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.917 ng
 RT: 16.19 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BF097118.D
 Acq: 27 Jul 2017 13:17

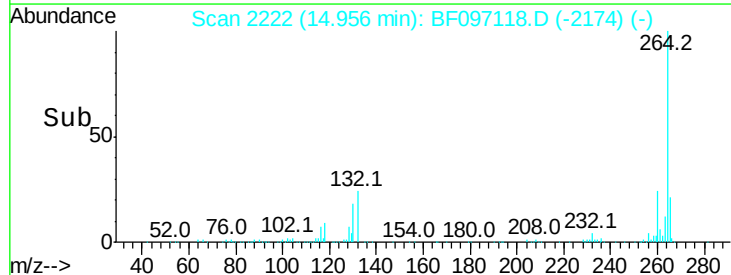
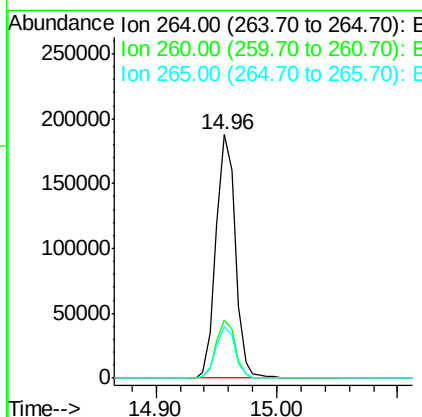
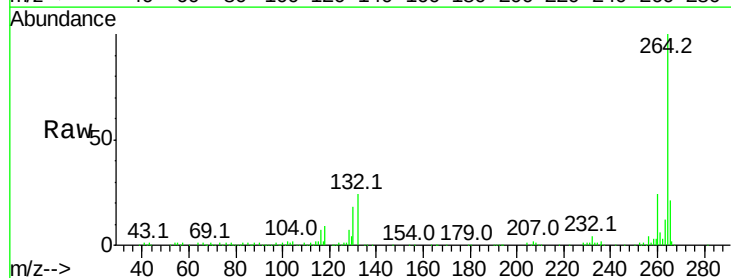
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

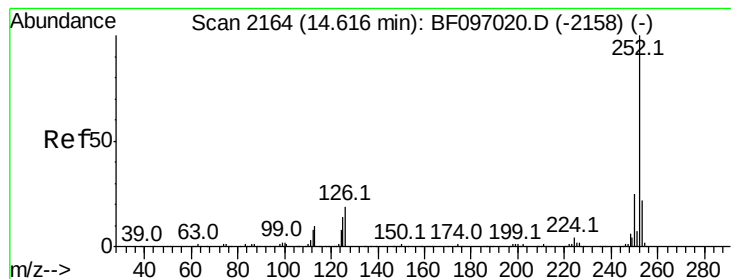
Tot Ion:276 Resp: 429552
 Ion Ratio Lower Upper
 276 100
 138 35.8 27.8 41.6
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.96 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF097118.D
 Acq: 27 Jul 2017 13:17

Tgt Ion:264 Resp: 206145
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.3 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 41.074 ng

RT: 14.60 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

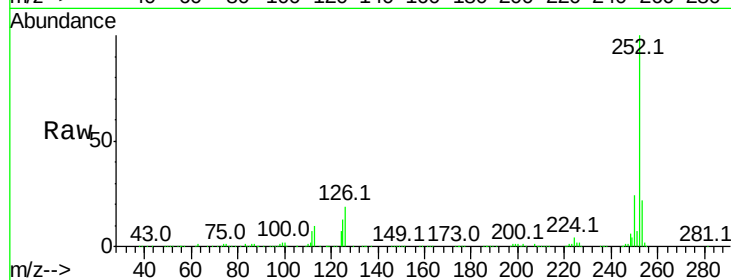
Tot Ion:252 Resp: 508978

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

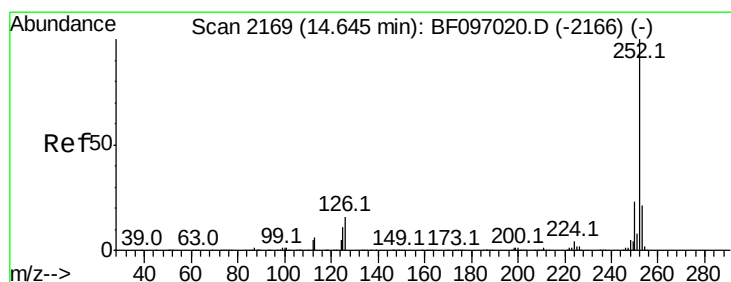
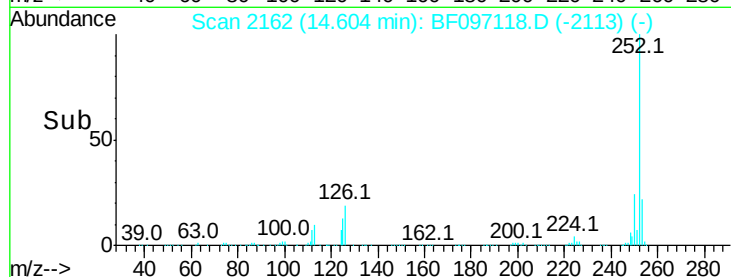
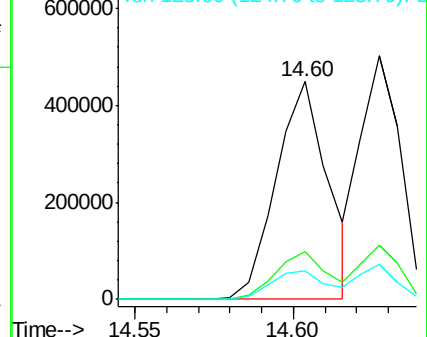
125 13.0 9.8 14.8



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: 38.390 ng

RT: 14.63 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

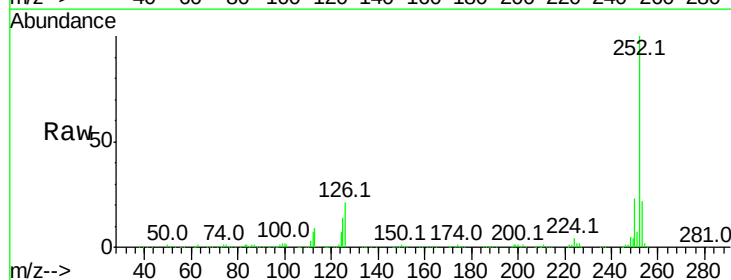
Tgt Ion:252 Resp: 453322

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

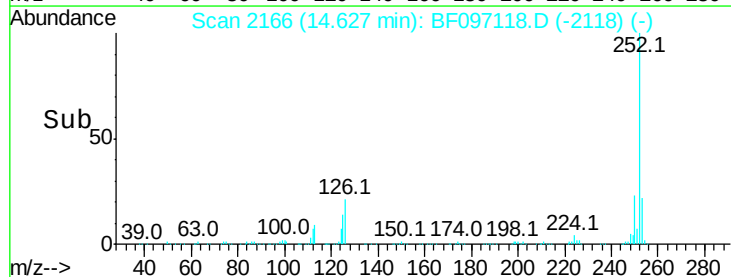
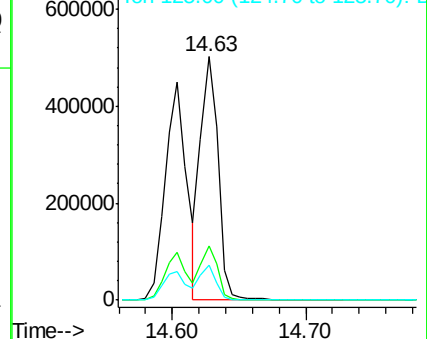
125 14.1 13.1 19.7

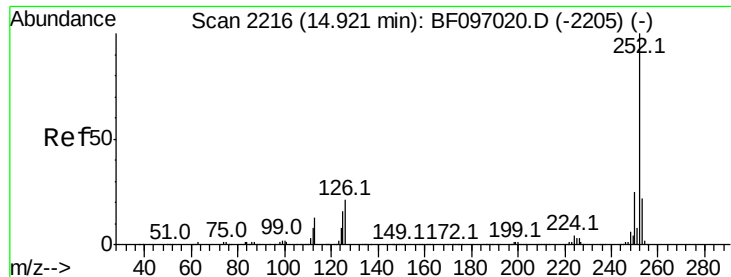


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.841 ng

RT: 14.91 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

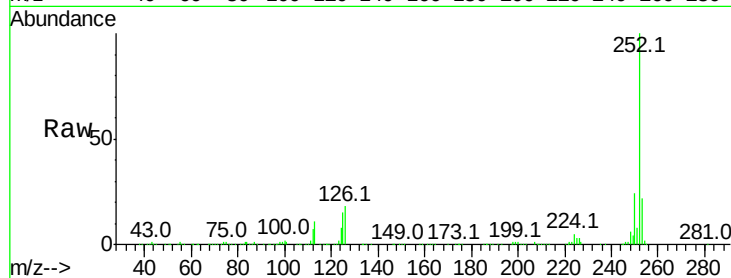
Tot Ion:252 Resp: 429167

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

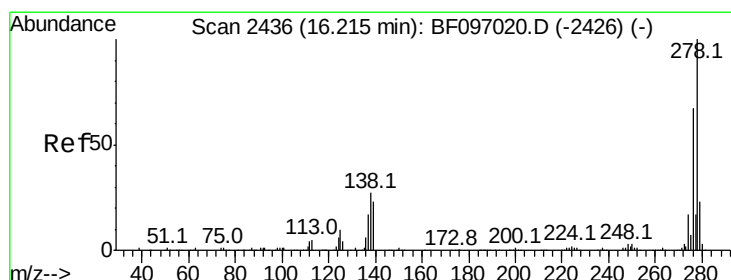
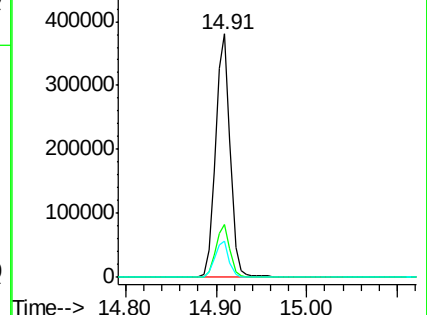
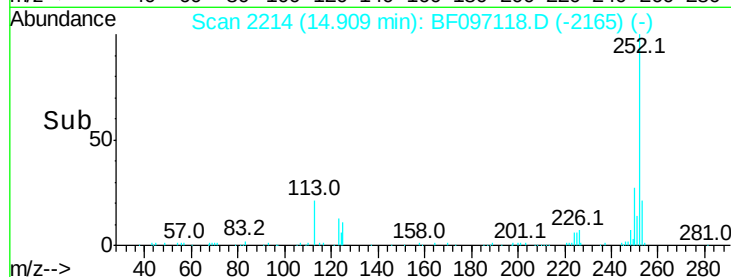
125 14.8 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.156 ng

RT: 16.19 min Scan# 2432

Delta R.T. -0.02 min

Lab File: BF097118.D

Acq: 27 Jul 2017 13:17

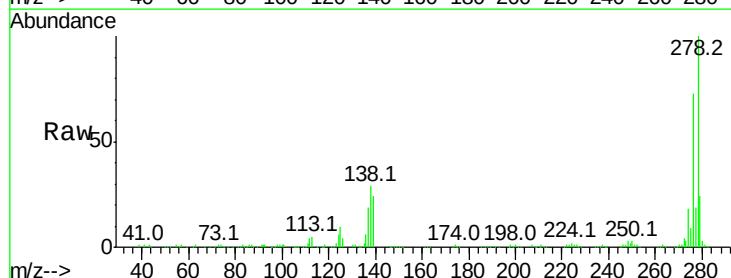
Tgt Ion:278 Resp: 345564

Ion Ratio Lower Upper

278 100

139 23.7 16.6 24.8

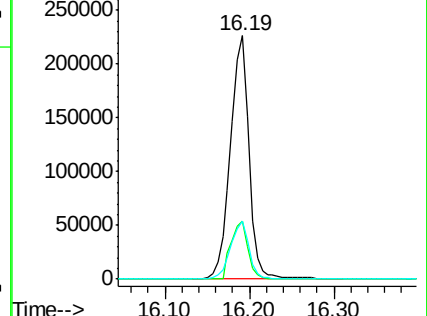
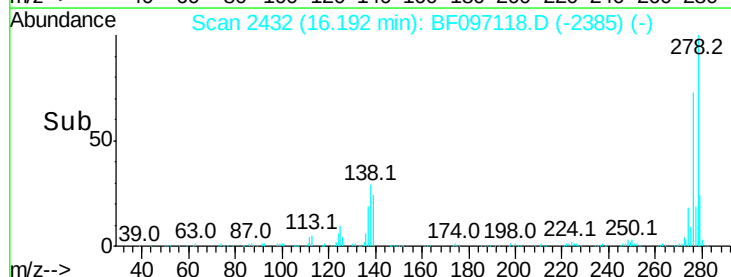
279 23.6 19.3 28.9

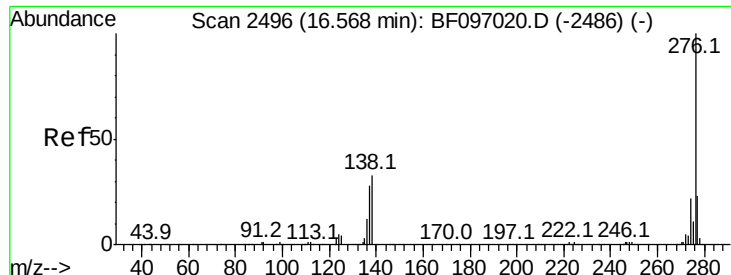


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

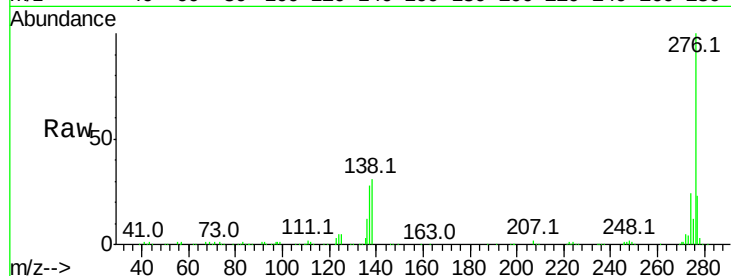




#91
 Benzo(a,h,i)perylene
 Concen: 38.816 ng
 RT: 16.54 min Scan# 2492
 Delta R.T. -0.02 min
 Lab File: BF097118.D
 Acq: 27 Jul 2017 13:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	31.0	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

