

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097523.D
 Acq On : 9 Aug 2017 18:47
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 10 01:03:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	85576	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	381667	20.00	ng	-0.02
38) Acenaphthene-d10	9.43	164	163393	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	271181	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	154190	20.00	ng	-0.02
86) Perylene-d12	14.86	264	147406	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	14779	2.60	ng	0.21
7) Phenol-d6	6.07	99	505112	77.94	ng	-0.01
23) Nitrobenzene-d5	6.97	82	492539	75.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	103930	80.51	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	773091	80.30	ng	-0.01
78) Terphenyl-d14	12.48	244	670441	88.65	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.86	88	81894	34.57	ng	# 80
3) Pyridine	2.46	79	221025	30.47	ng	# 57
4) n-Nitrosodimethylamine	2.41	42	87055	21.66	ng	# 84
6) Aniline	6.06	93	296225	36.32	ng	99
8) 2-Chlorophenol	6.19	128	235153	38.74	ng	95
9) Benzaldehyde	5.95	77	157345	41.02	ng	98
10) Phenol	6.09	94	318654	41.45	ng	99
11) bis(2-Chloroethyl)ether	6.15	93	231670	38.11	ng	90
12) 1,3-Dichlorobenzene	6.33	146	268765	41.09	ng	98
13) 1,4-Dichlorobenzene	6.42	146	277614	42.82	ng	96
14) 1,2-Dichlorobenzene	6.57	146	235972	41.69	ng	97
15) Benzyl Alcohol	6.57	79	198792	48.45	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.69	45	514788	42.22	ng	84
17) 2-Methylphenol	6.70	107	201996	43.12	ng	# 88
18) Hexachloroethane	6.90	117	98764	41.64	ng	# 83
19) n-Nitroso-di-n-propylamine	6.84	70	186796	43.79	ng	# 83
20) 3+4-Methylphenols	6.86	107	275888	45.09	ng	# 62
22) Acetophenone	6.82	105	347954	37.96	ng	# 99
24) Nitrobenzene	6.99	77	268091	39.57	ng	97
25) Isophorone	7.24	82	460574	36.15	ng	96
26) 2-Nitrophenol	7.31	139	131348	35.83	ng	# 85
27) 2,4-Dimethylphenol	7.37	122	206262	34.11	ng	97
28) bis(2-Chloroethoxy)methane	7.45	93	294873	35.46	ng	99
29) 2,4-Dichlorophenol	7.57	162	200953	38.57	ng	97
30) 1,2,4-Trichlorobenzene	7.63	180	196518	39.58	ng	98
31) Naphthalene	7.70	128	722508	40.16	ng	99
32) Benzoic acid	7.57	122	143917	31.87	ng	96
33) 4-Chloroaniline	7.77	127	264844	36.18	ng	98
34) Hexachlorobutadiene	7.83	225	102120	38.79	ng	97
35) Caprolactam	8.16	113	33247	19.90	ng	# 55
36) 4-Chloro-3-methylphenol	8.28	107	240781	42.37	ng	85
37) 2-Methylnaphthalene	8.39	142	461914	40.55	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	179234	41.11	ng	98
40) Hexachlorocyclopentadiene	8.55	237	62184	44.02	ng	98

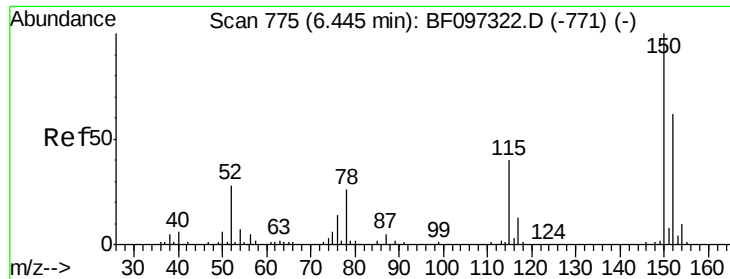
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.69	196	125884	39.84	nq	96
43) 2,4,5-Trichlorophenol	8.75	196	119310	37.73	nq	98
45) 1,1'-Biphenyl	8.86	154	574974	41.20	nq	97
46) 2-Chloronaphthalene	8.88	162	419502	40.85	nq	# 92
47) 2-Nitroaniline	8.99	65	165135	44.31	nq	97
48) Acenaphthylene	9.29	152	645324	40.94	nq	100
49) Dimethylphthalate	9.17	163	500122	40.31	nq	99
50) 2,6-Dinitrotoluene	9.24	165	107768	40.95	nq	# 84
51) Acenaphthene	9.46	154	381201	41.05	nq	99
52) 3-Nitroaniline	9.40	138	125049	38.28	nq	99
53) 2,4-Dinitrophenol	9.53	184	65340	54.61	nq	# 70
54) Dibenzofuran	9.63	168	531967	43.01	nq	96
55) 4-Nitrophenol	9.63	139	359250	184.94	nq	# 38
56) 2,4-Dinitrotoluene	9.65	165	147109	48.63	nq	# 85
57) Fluorene	9.97	166	405990	43.68	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.77	232	88995	40.76	nq	97
59) Diethylphthalate	9.87	149	495972	43.57	nq	99
60) 4-Chlorophenyl-phenylether	9.97	204	166391	43.35	nq	98
61) 4-Nitroaniline	10.02	138	115159	37.10	nq	96
62) Azobenzene	10.13	77	463238	43.87	nq	92
64) 4,6-Dinitro-2-methylphenol	10.06	198	69986	41.53	nq	86
65) n-Nitrosodiphenylamine	10.09	169	390506	41.39	nq	97
66) 4-Bromophenyl-phenylether	10.45	248	110110	40.69	nq	92
67) Hexachlorobenzene	10.52	284	121429	40.01	nq	# 86
68) Atrazine	10.63	200	102030	37.71	nq	92
69) Pentachlorophenol	10.73	266	95267	75.87	nq	97
70) Phenanthrene	10.92	178	586904	40.39	nq	99
71) Anthracene	10.97	178	601441	40.41	nq	99
72) Carbazole	11.14	167	582852	39.82	nq	99
73) Di-n-butylphthalate	11.48	149	698081	38.59	nq	98
74) Fluoranthene	12.10	202	535478	37.62	nq	99
76) Benzidine	12.25	184	43597	7.62	nq	# 57
77) Pyrene	12.33	202	560451	44.40	nq	99
79) Butylbenzylphthalate	12.96	149	252552	39.33	nq	# 84
80) Benzo(a)anthracene	13.52	228	393945	39.49	nq	98
81) 3,3'-Dichlorobenzidine	13.48	252	142118	37.77	nq	# 96
82) Chrysene	13.55	228	402432	41.31	nq	99
83) Bis(2-ethylhexyl)phthalate	13.53	149	372580	44.44	nq	98
84) Di-n-octyl phthalate	14.13	149	599236	38.95	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.05	276	389952	46.68	nq	98
87) Benzo(b)fluoranthene	14.52	252	363414	41.01	nq	98
88) Benzo(k)fluoranthene	14.54	252	337393	39.96	nq	97
89) Benzo(a)pyrene	14.81	252	321913	39.69	nq	98
90) Dibenzo(a,h)anthracene	16.05	278	314029	47.22	nq	97
91) Benzo(g,h,i)perylene	16.40	276	327086	46.90	nq	97

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

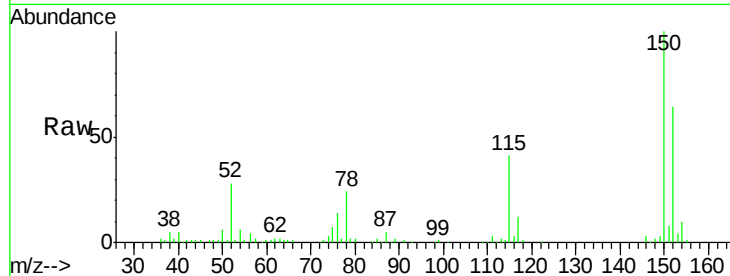


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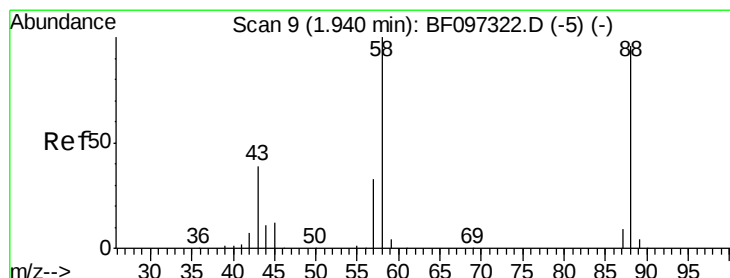
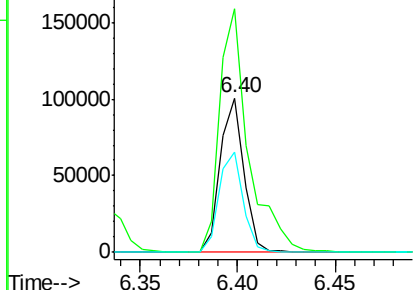
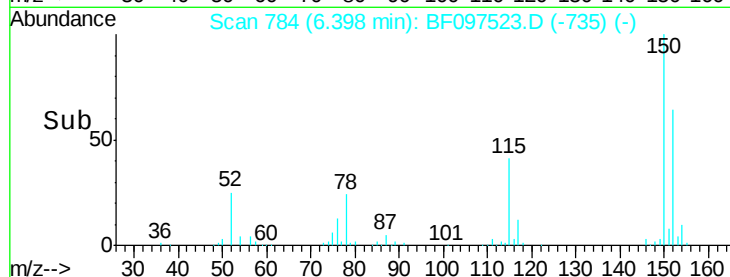
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF097523.D
Acq: 9 Aug 2017 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 85576
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 64.4 52.2 78.2



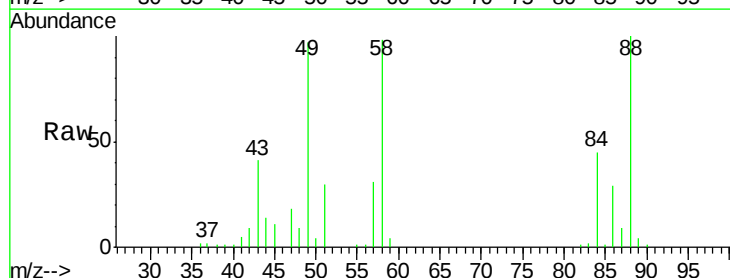
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



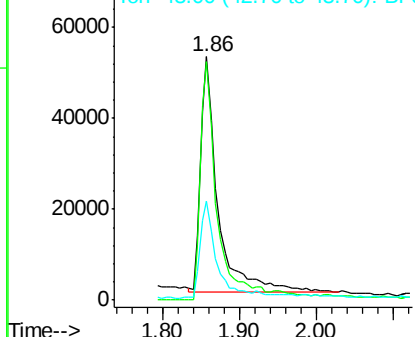
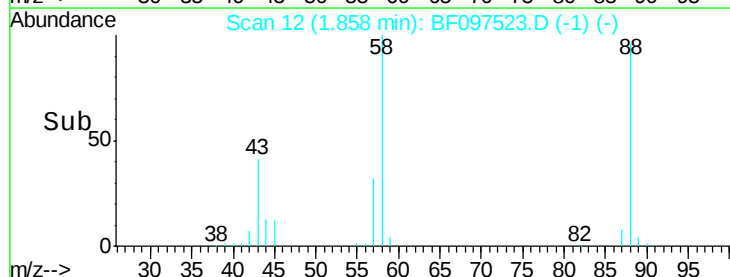
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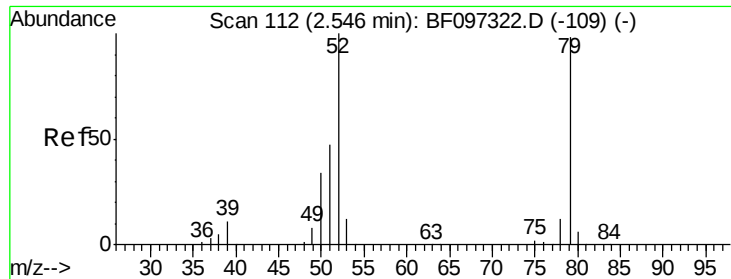
1,4-Dioxane
Concen: 34.57 ng
RT: 1.86 min Scan# 12
Delta R.T. -0.04 min
Lab File: BF097523.D
Acq: 9 Aug 2017 18:47

Tgt Ion: 88 Resp: 81894
Ion Ratio Lower Upper
88 100
58 95.9 61.4 92.0#
43 37.5 23.4 35.0#



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





#3

Pvridine

Concen: 30.47 ng

RT: 2.46 min Scan# 115

Delta R.T. -0.03 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

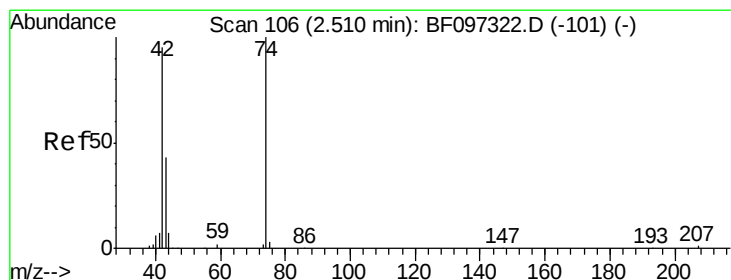
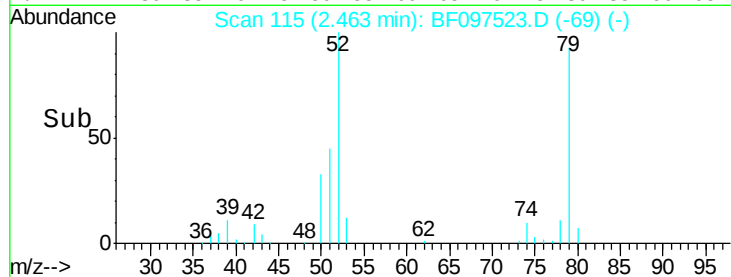
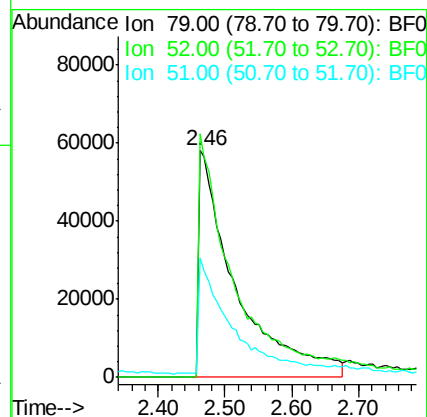
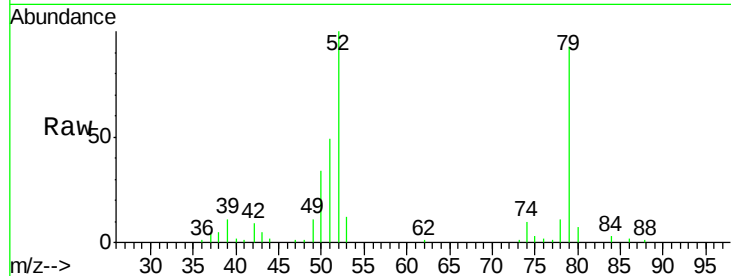
Tot Ion: 79 Resp: 221025

Ion Ratio Lower Upper

79 100

52 107.3 54.8 82.2#

51 52.7 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 21.66 ng

RT: 2.41 min Scan# 106

Delta R.T. -0.05 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

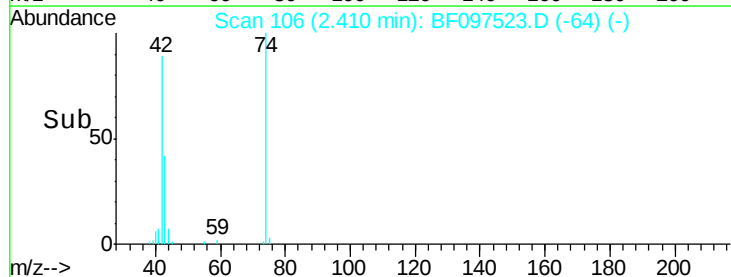
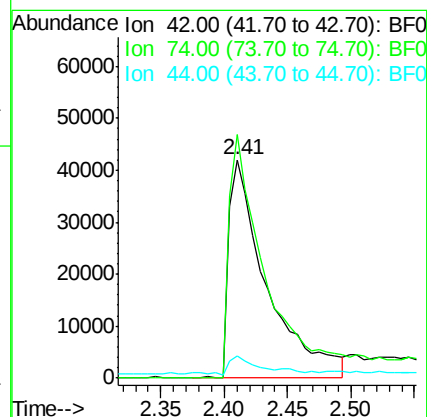
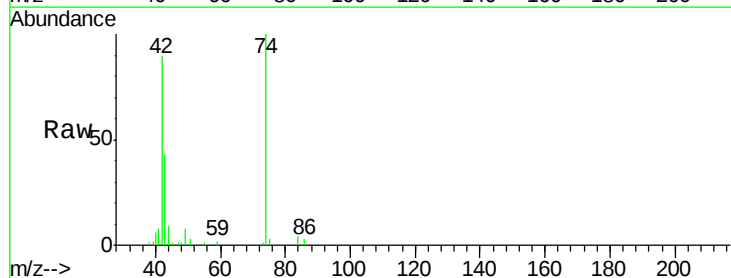
Tgt Ion: 42 Resp: 87055

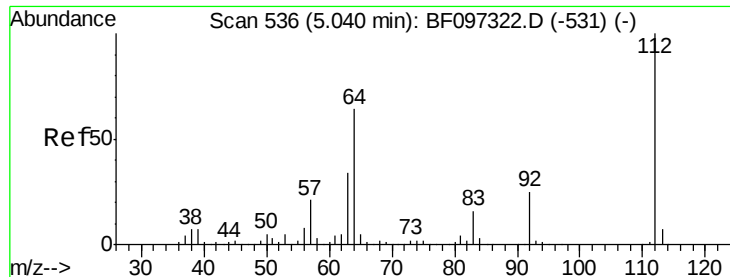
Ion Ratio Lower Upper

42 100

74 111.5 103.9 155.9

44 10.3 5.7 8.5#





#5

2-Fluorophenol

Concen: 2.60 ng

RT: 5.22 min Scan# 583

Delta R.T. 0.21 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

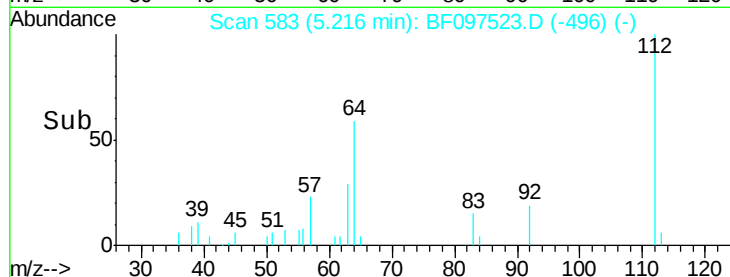
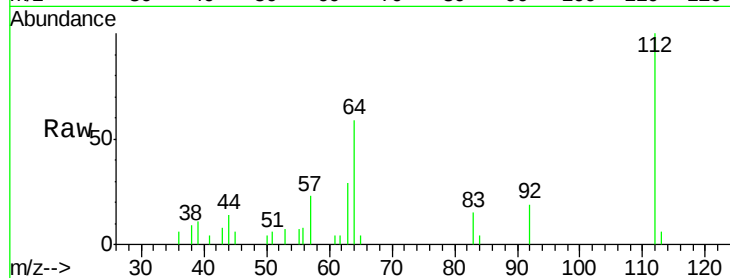
Tot Ion:112 Resp: 14779

Ion Ratio Lower Upper

112 100

64 59.0 46.0 69.0

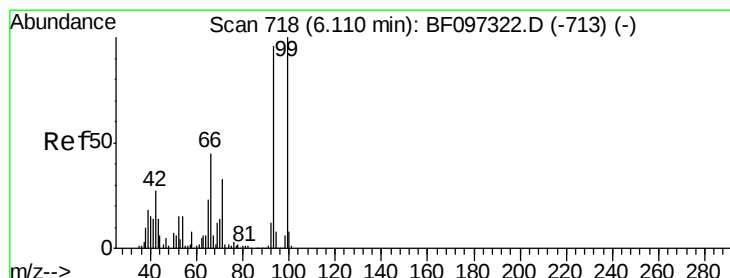
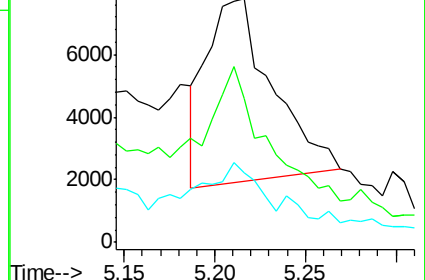
63 28.5 23.4 35.0



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



#6

Aniline

Concen: 36.32 ng

RT: 6.06 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

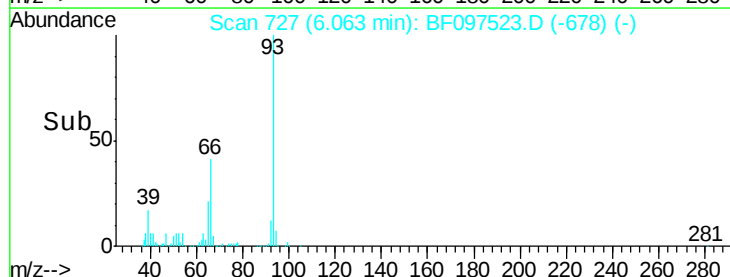
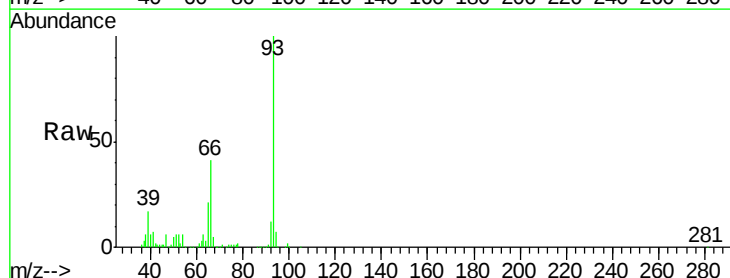
Tgt Ion: 93 Resp: 296225

Ion Ratio Lower Upper

93 100

66 41.0 32.9 49.3

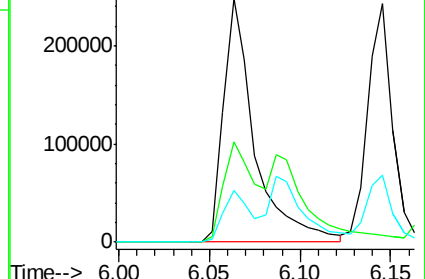
65 21.1 16.0 24.0

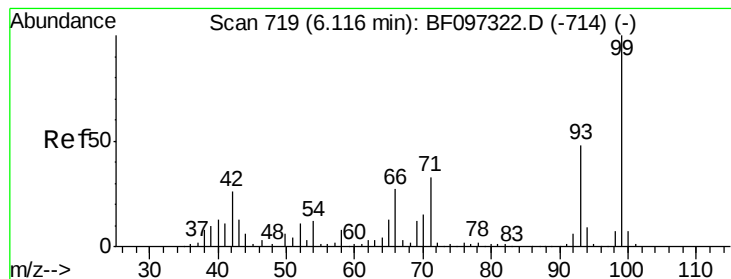


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.94 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

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ClientSampleId :

SSTDCCC040

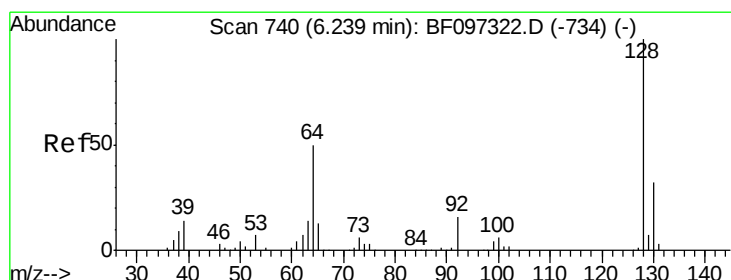
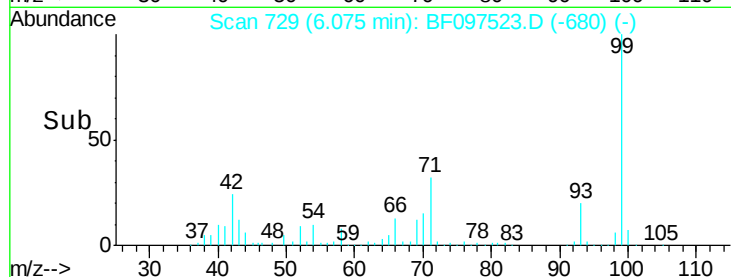
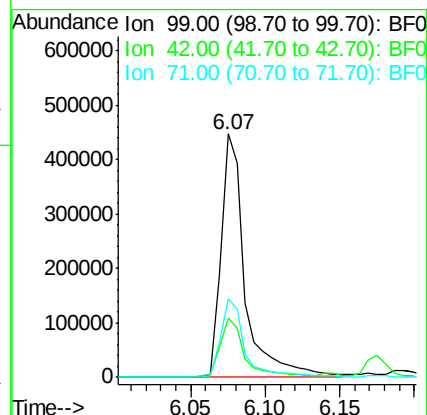
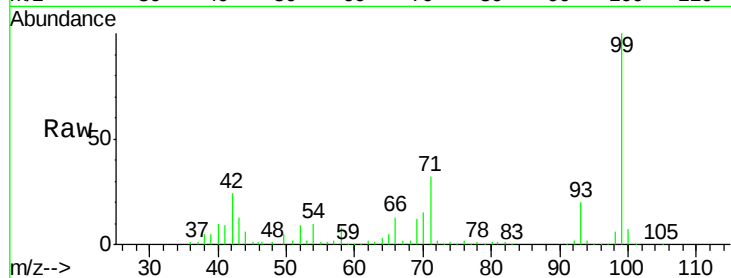
Tot Ion: 99 Resp: 505112

Ion Ratio Lower Upper

99 100

42 24.5 13.5 20.3#

71 32.5 24.5 36.7



#8

2-Chlorophenol

Concen: 38.74 ng

RT: 6.19 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

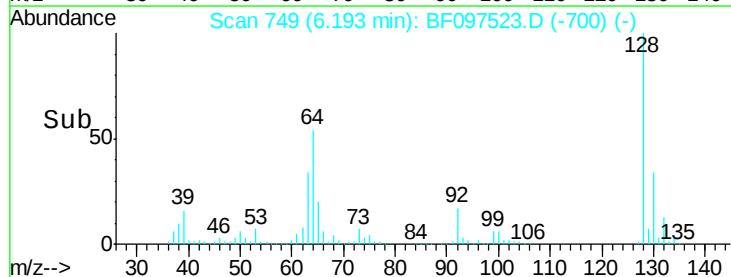
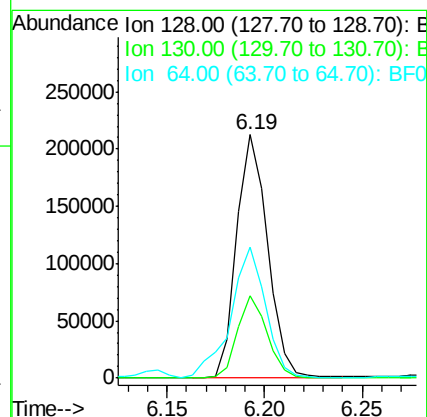
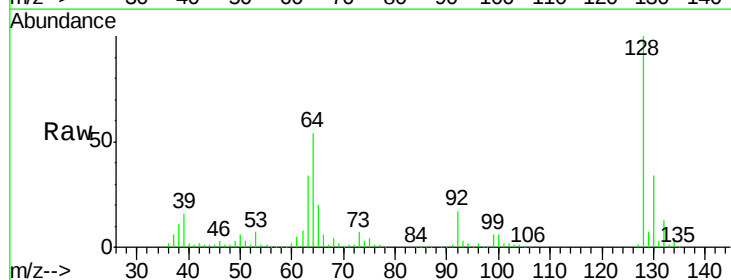
Tgt Ion: 128 Resp: 235153

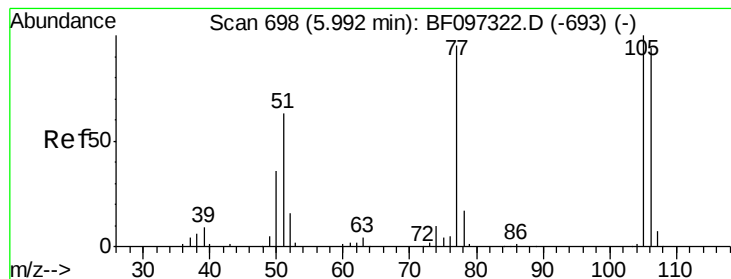
Ion Ratio Lower Upper

128 100

130 33.7 12.9 52.9

64 53.9 28.4 68.4





#9

Benzaldehyde

Concen: 41.02 ng

RT: 5.95 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

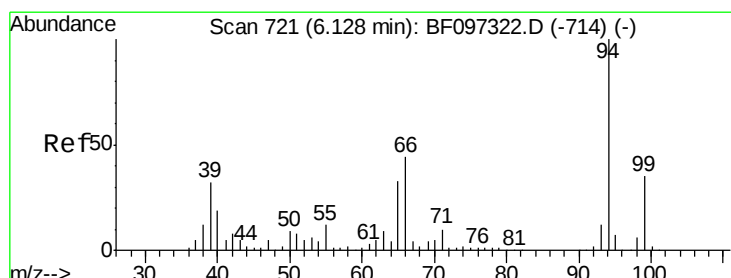
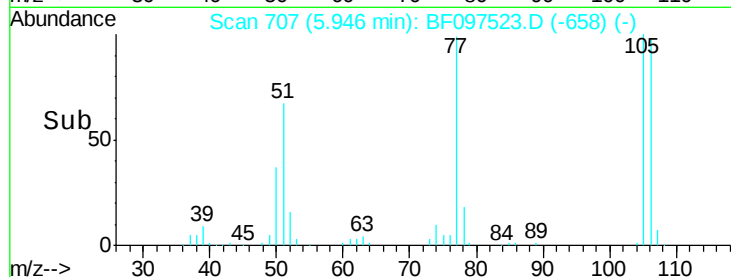
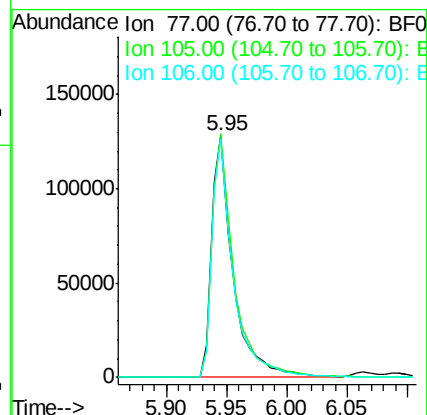
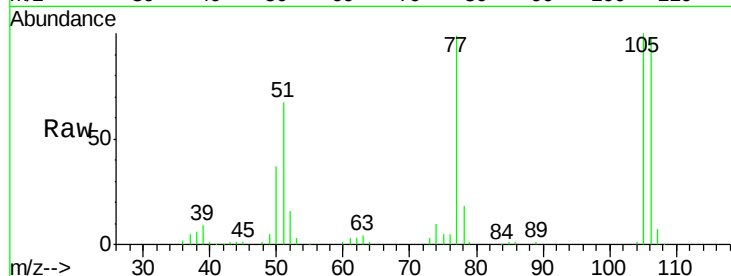
Tot Ion: 77 Resp: 157345

Ion Ratio Lower Upper

77 100

105 100.7 83.8 123.8

106 98.8 79.1 119.1



#10

Phenol

Concen: 41.45 ng

RT: 6.09 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

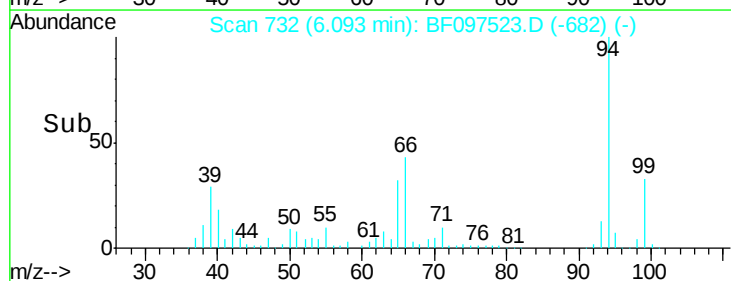
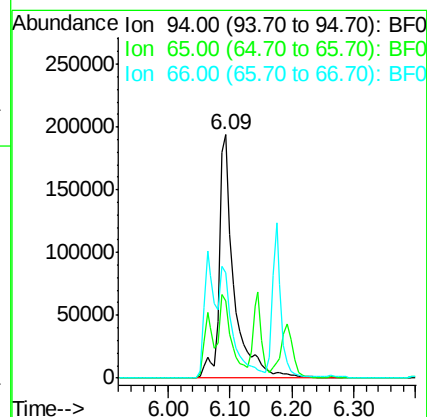
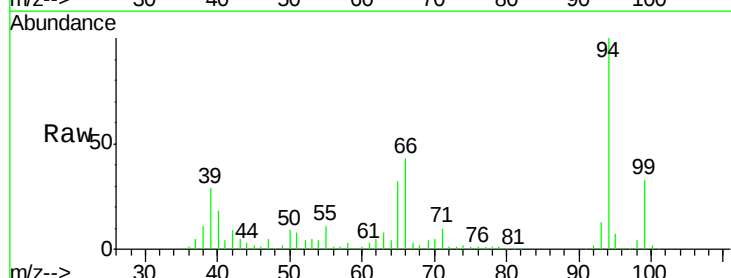
Tgt Ion: 94 Resp: 318654

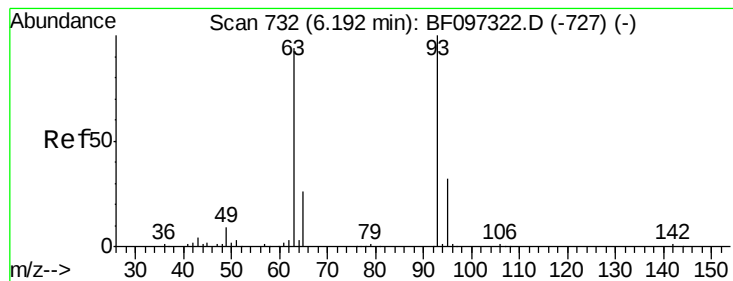
Ion Ratio Lower Upper

94 100

65 31.7 9.9 49.9

66 43.2 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 38.11 ng

RT: 6.15 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

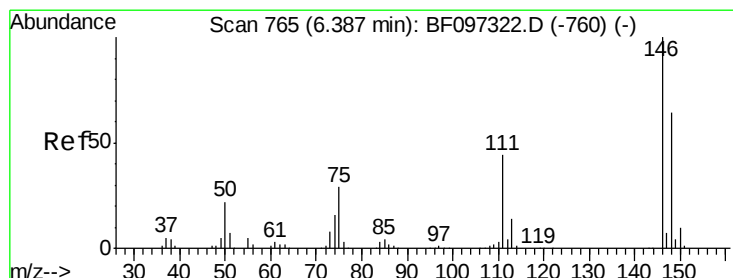
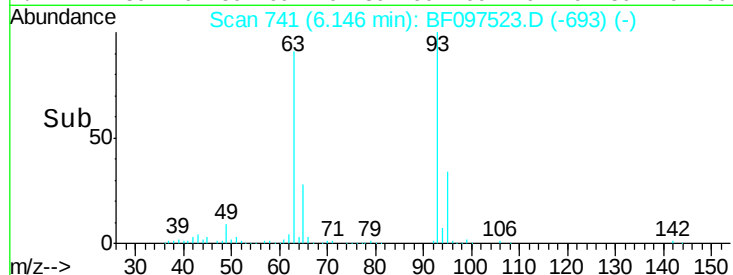
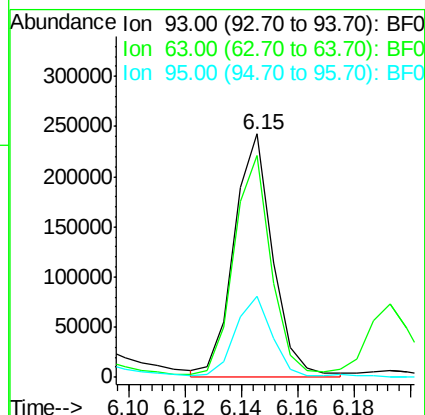
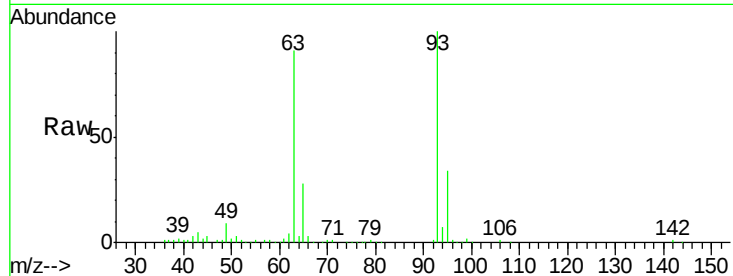
Tot Ion: 93 Resp: 231670

Ion Ratio Lower Upper

93 100

63 90.9 59.2 99.2

95 33.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.09 ng

RT: 6.33 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

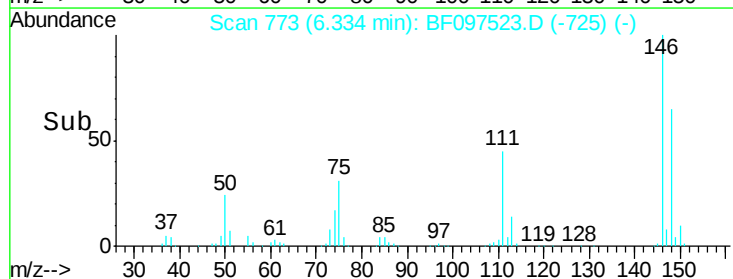
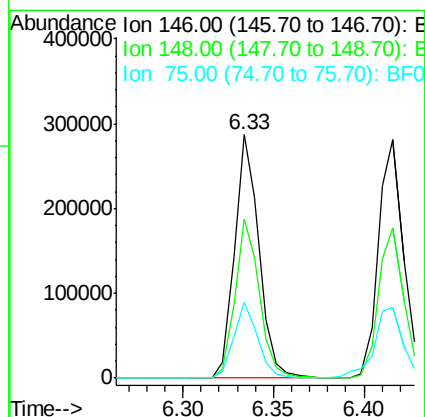
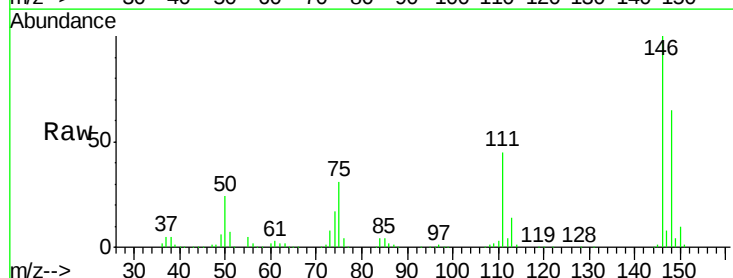
Tgt Ion: 146 Resp: 268765

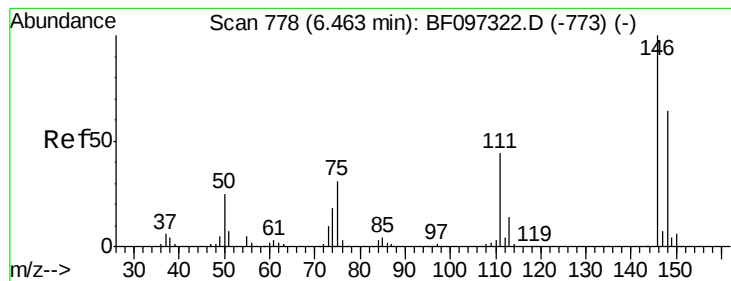
Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.6

75 31.0 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 42.82 ng

RT: 6.42 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

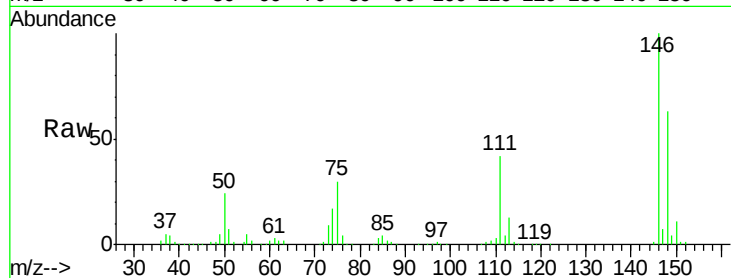
Tot Ion:146 Resp: 277614

Ion Ratio Lower Upper

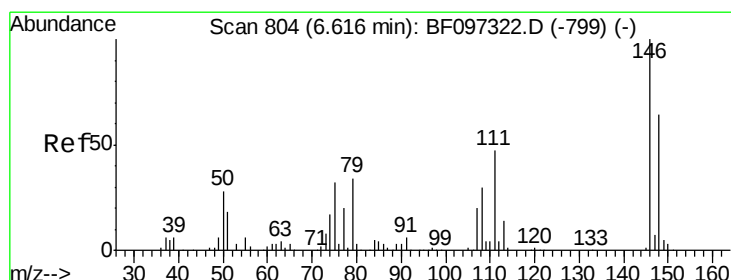
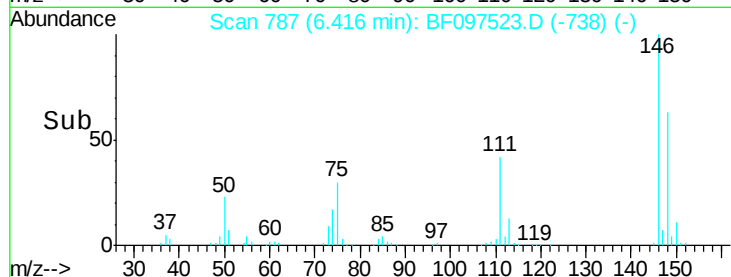
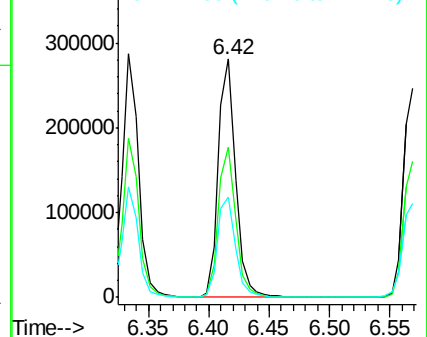
146 100

148 62.8 52.2 78.2

111 42.1 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: 41.69 ng

RT: 6.57 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

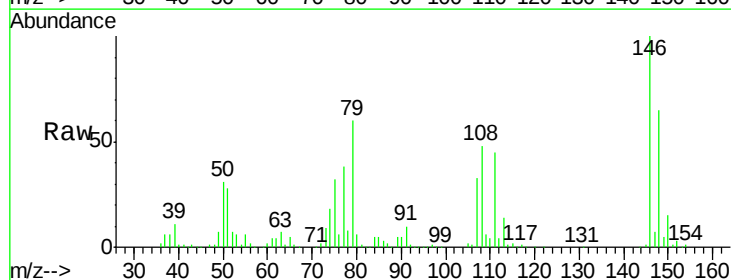
Tgt Ion:146 Resp: 235972

Ion Ratio Lower Upper

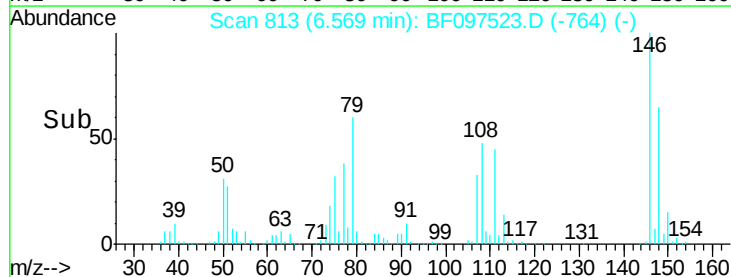
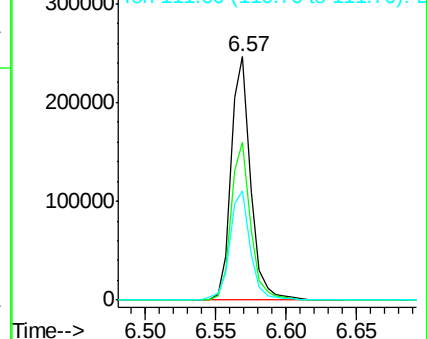
146 100

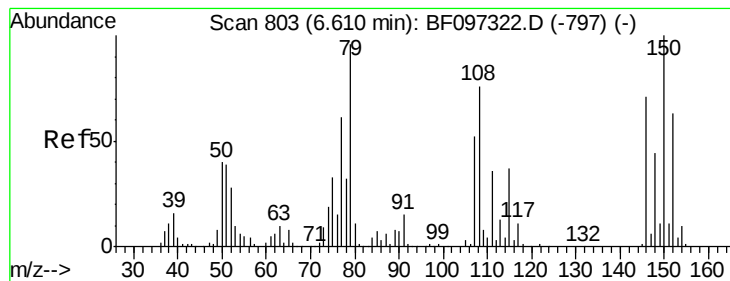
148 65.0 50.4 75.6

111 45.1 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: 48.45 ng

RT: 6.57 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

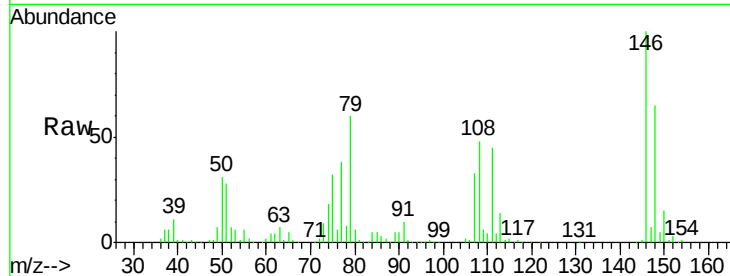
Tot Ion: 79 Resp: 198792

Ion Ratio Lower Upper

79 100

108 80.0 63.4 95.0

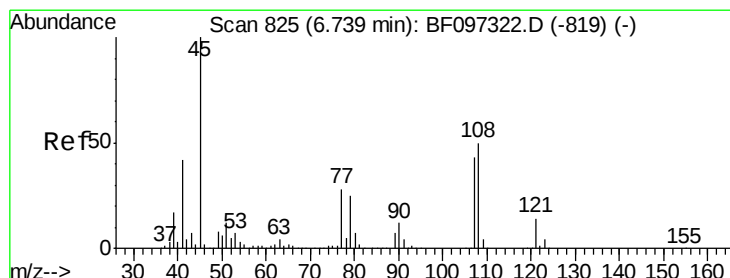
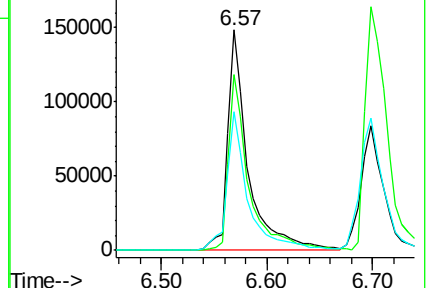
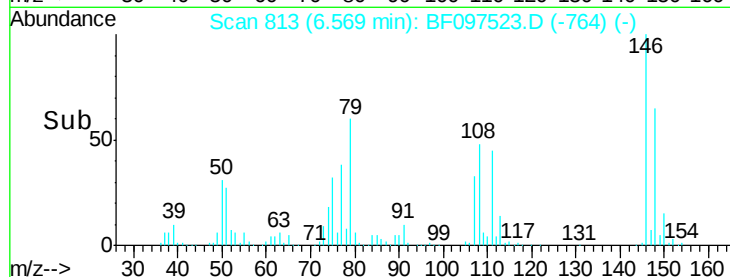
77 63.2 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.22 ng

RT: 6.69 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

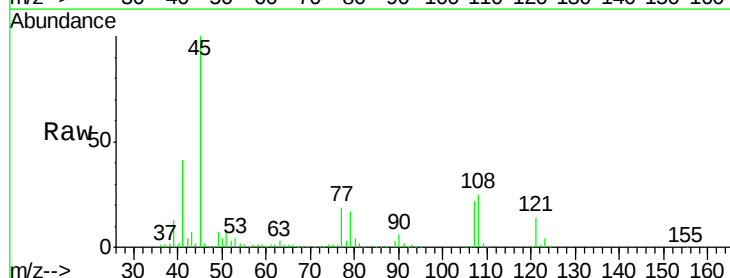
Tgt Ion: 45 Resp: 514788

Ion Ratio Lower Upper

45 100

77 19.1 0.0 33.2

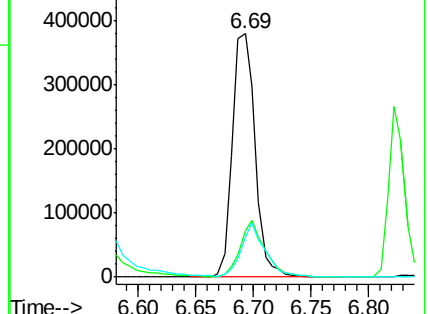
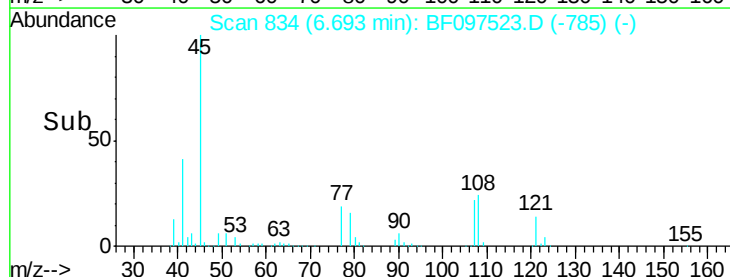
79 16.5 0.0 30.0

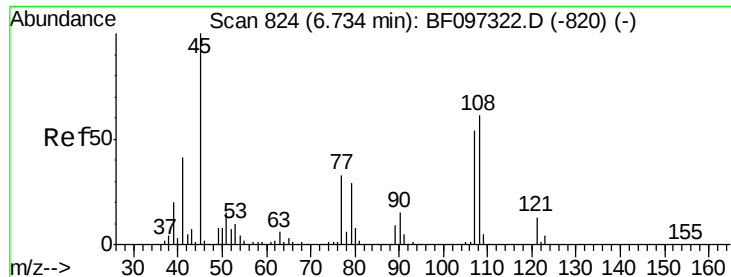


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 43.12 ng

RT: 6.70 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 201996

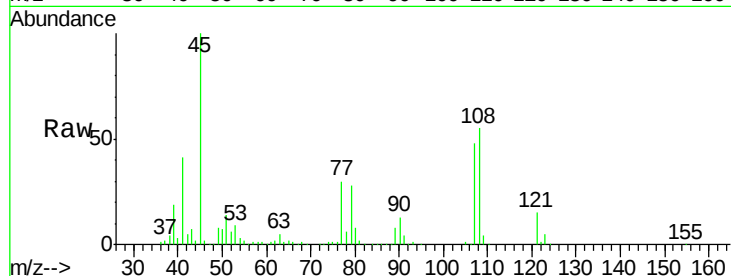
Ion Ratio Lower Upper

107 100

108 114.7 93.4 140.0

77 62.4 35.8 53.6#

79 58.8 34.8 52.2#

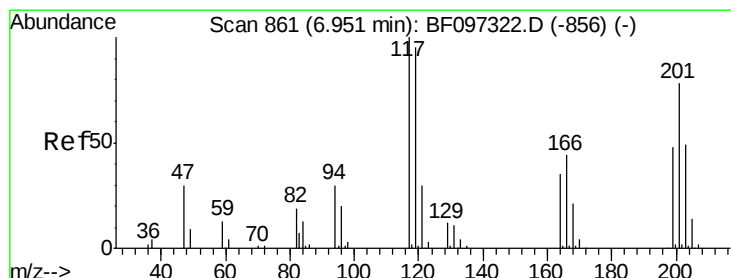
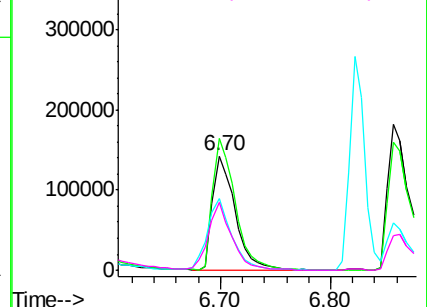
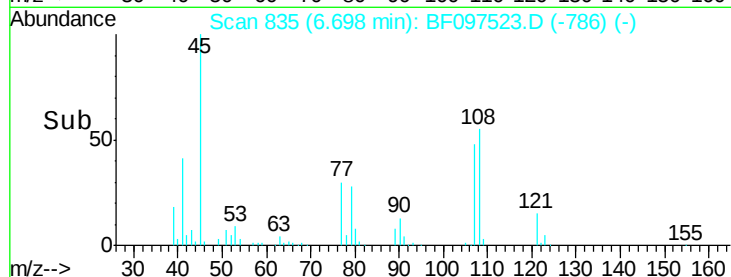


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.64 ng

RT: 6.90 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

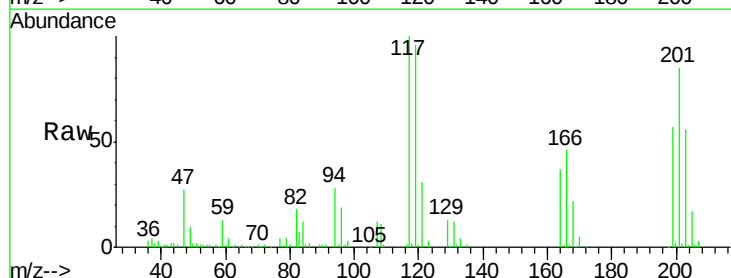
Tgt Ion:117 Resp: 98764

Ion Ratio Lower Upper

117 100

119 95.5 77.4 116.0

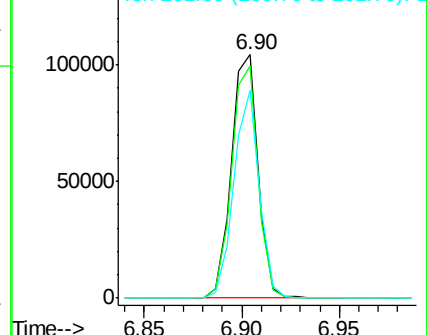
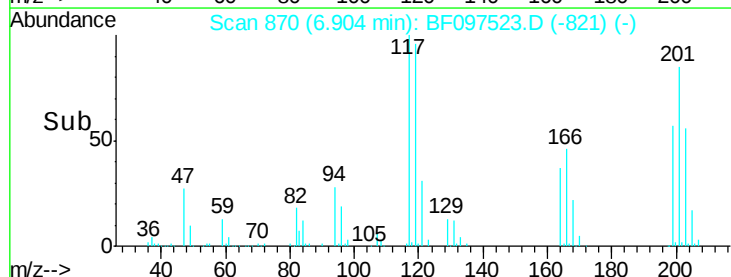
201 85.2 94.6 141.8#

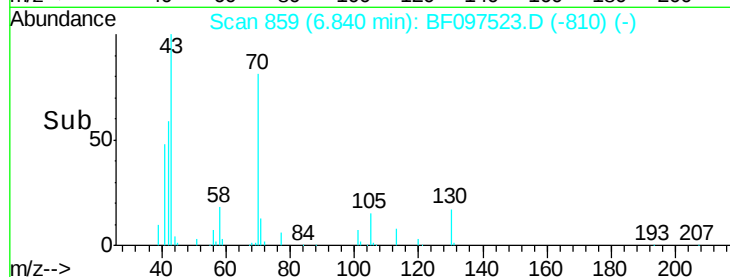
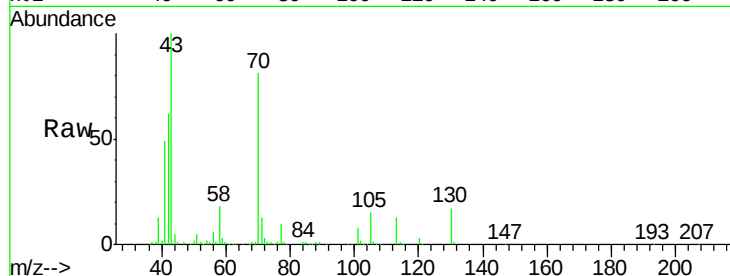
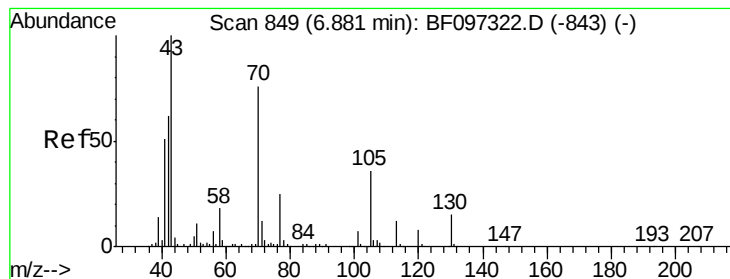


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.79 ng

RT: 6.84 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 186796

Ion Ratio Lower Upper

70 100

42 77.0 47.2 70.8#

101 9.4 7.2 10.8

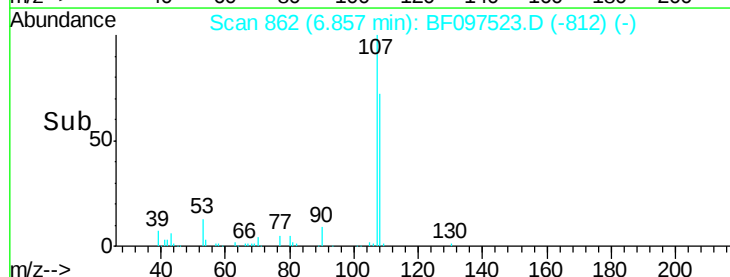
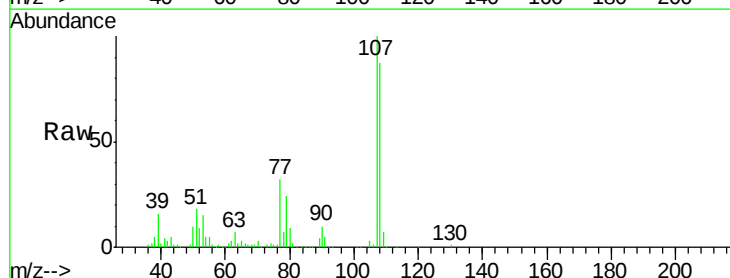
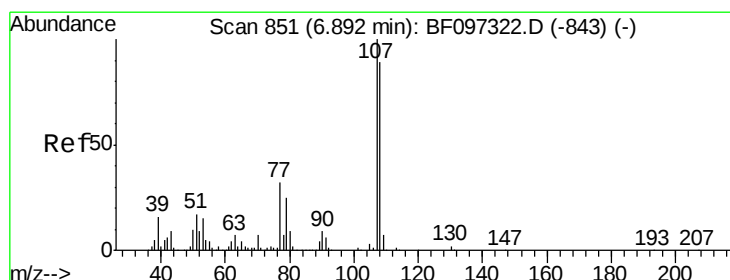
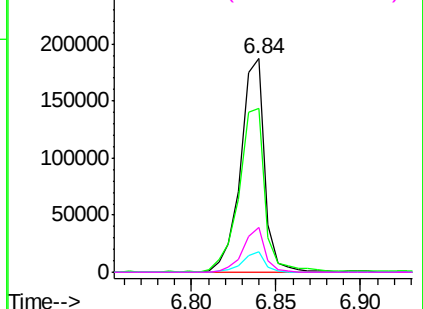
130 21.1 15.9 23.9

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 45.09 ng

RT: 6.86 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Tgt Ion:107 Resp: 275888

Ion Ratio Lower Upper

107 100

108 87.5 71.0 111.0

77 32.0 90.5 130.5#

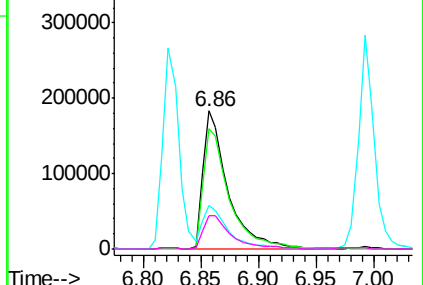
79 24.0 8.4 48.4

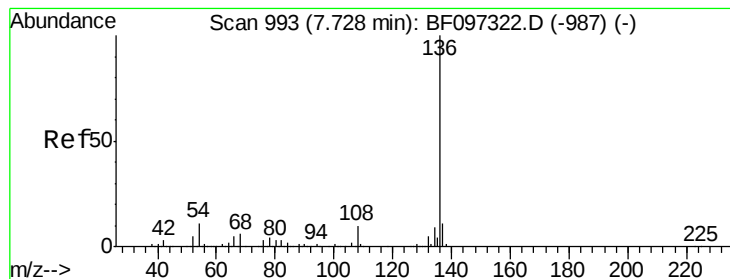
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 381667

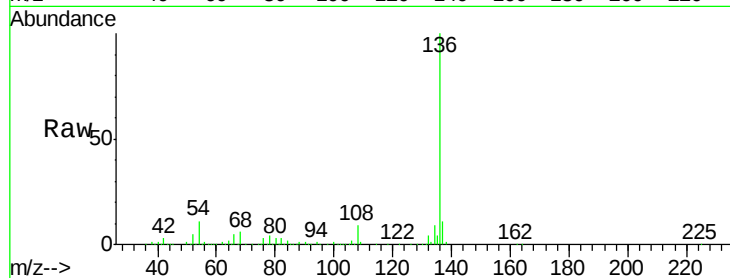
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.7 4.9 7.3#

68 6.0 4.1 6.1

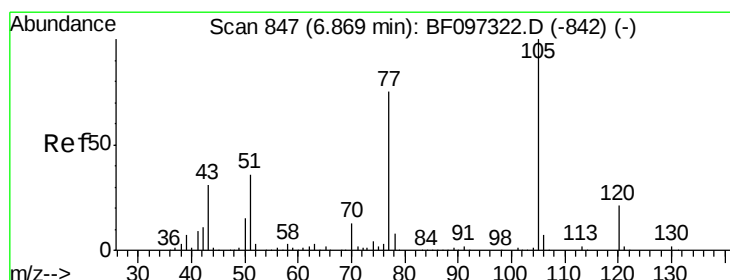
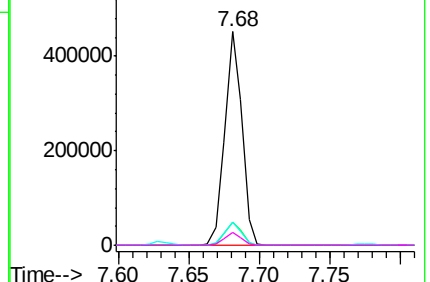
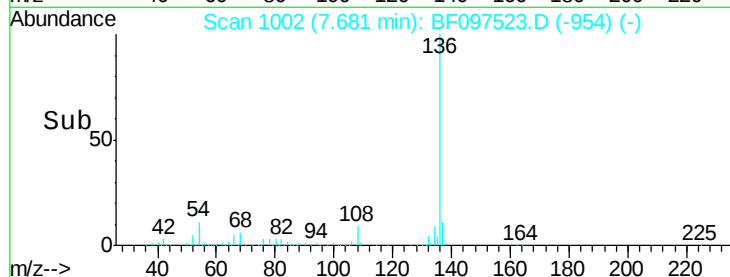


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.96 ng

RT: 6.82 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Tgt Ion:105 Resp: 347954

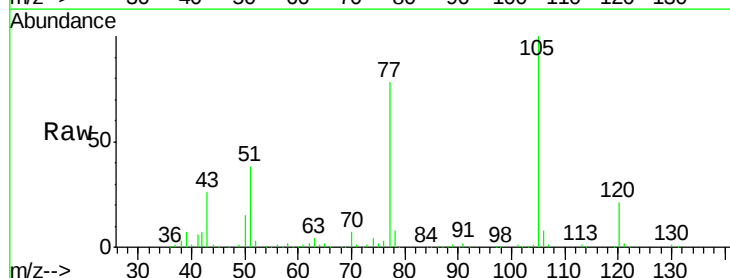
Ion Ratio Lower Upper

105 100

71 1.3 2.8 4.2#

51 37.9 30.7 46.1

120 21.3 17.4 26.0

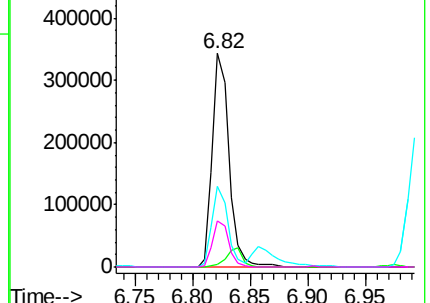
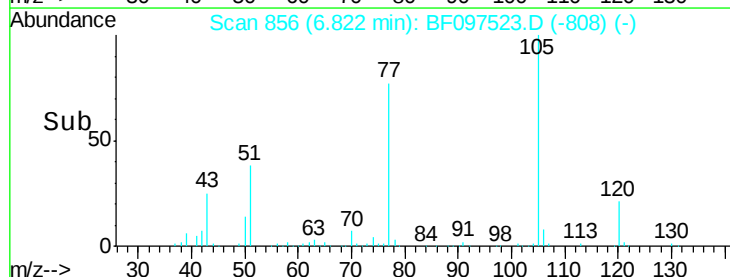


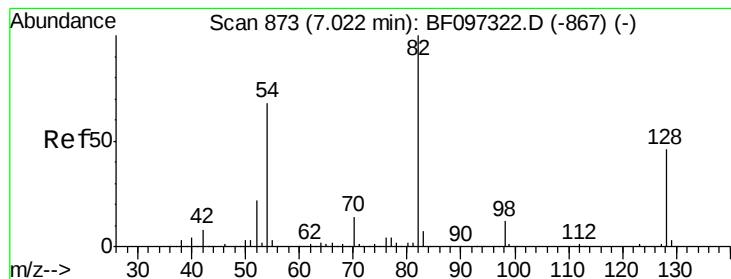
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.71 ng

RT: 6.97 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

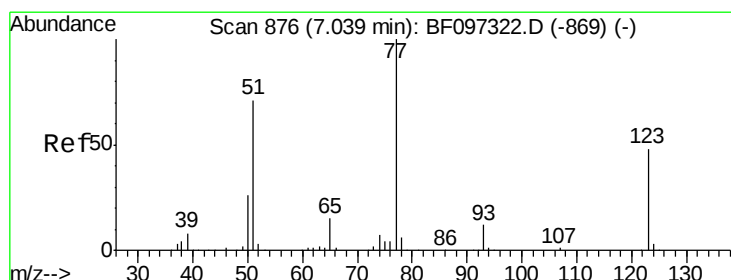
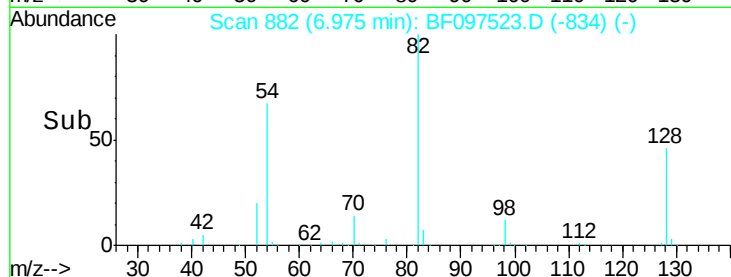
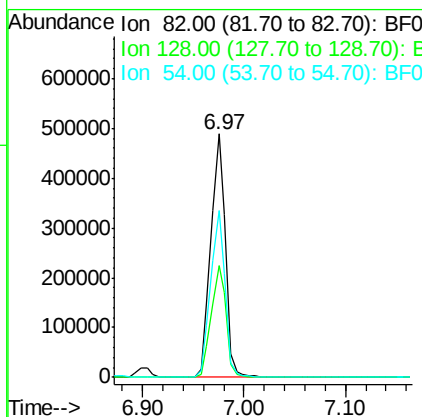
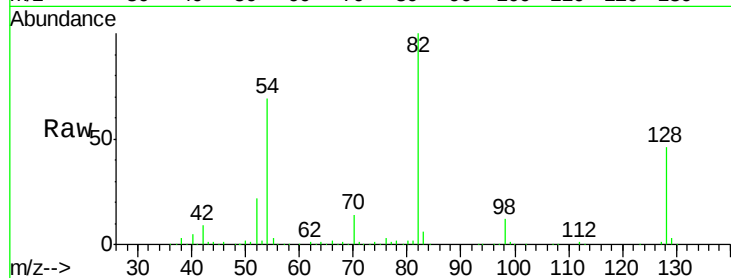
Tot Ion: 82 Resp: 492539

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

54 68.6 42.2 63.2#



#24

Nitrobenzene

Concen: 39.57 ng

RT: 6.99 min Scan# 885

Delta R.T. -0.02 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

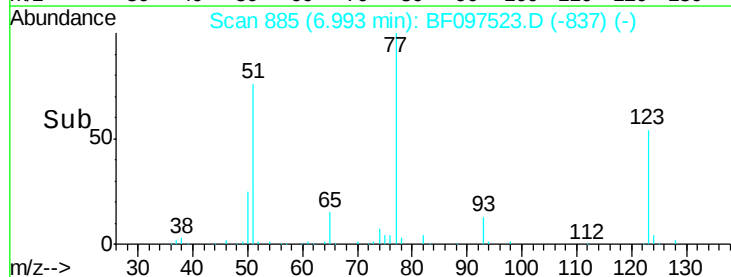
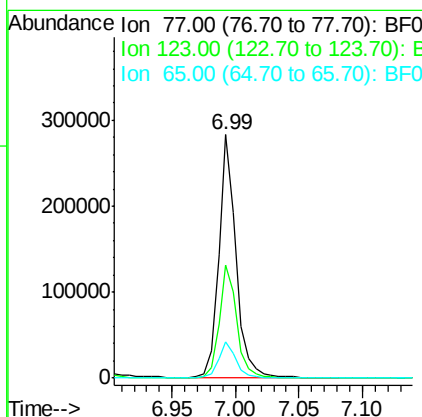
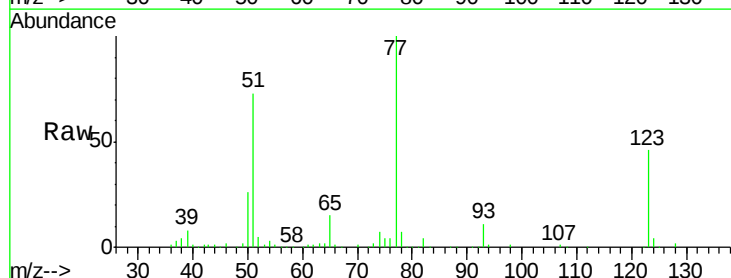
Tgt Ion: 77 Resp: 268091

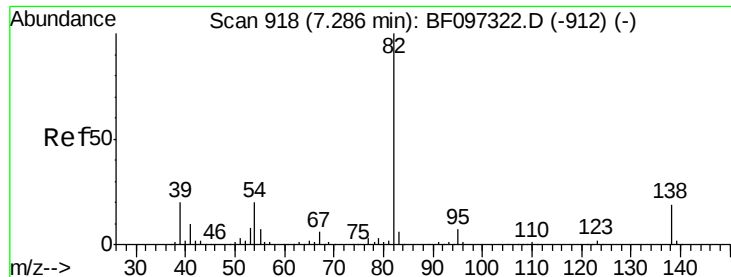
Ion Ratio Lower Upper

77 100

123 46.4 35.8 53.8

65 14.7 10.6 15.8





#25

Isophorone

Concen: 36.15 ng

RT: 7.24 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

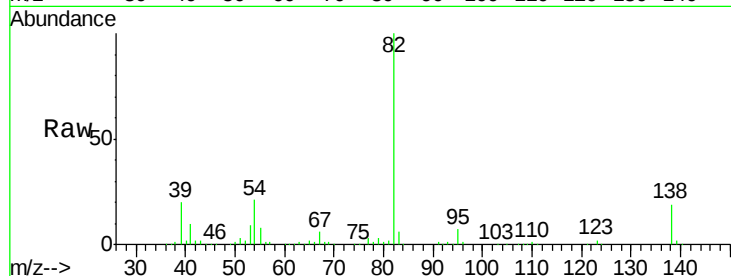
Tot Ion: 82 Resp: 460574

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

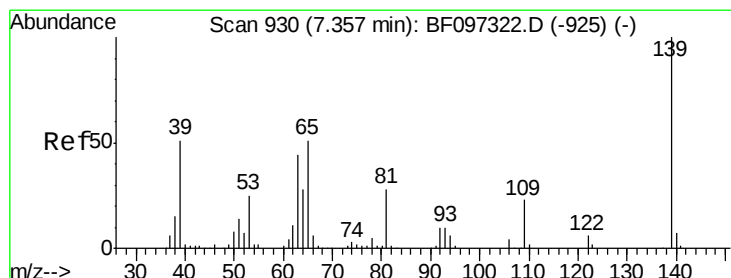
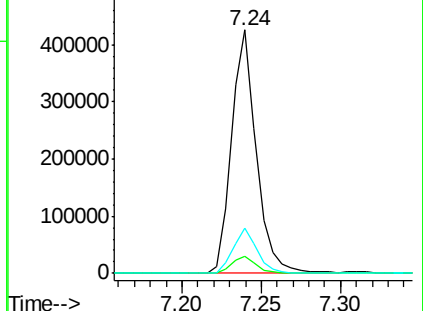
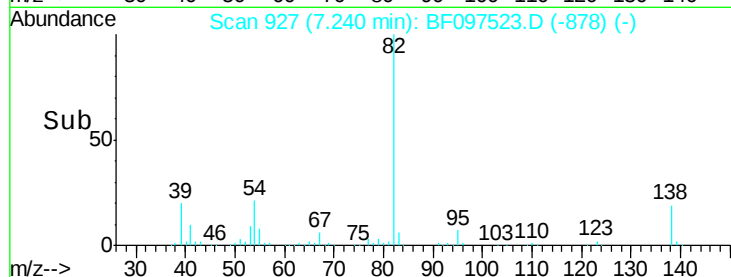
138 18.7 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 35.83 ng

RT: 7.31 min Scan# 939

Delta R.T. -0.02 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

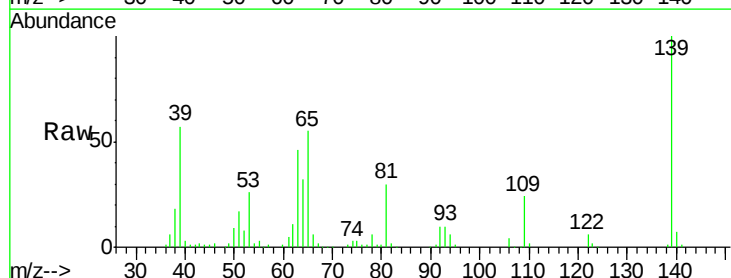
Tgt Ion: 139 Resp: 131348

Ion Ratio Lower Upper

139 100

109 24.2 21.0 31.6

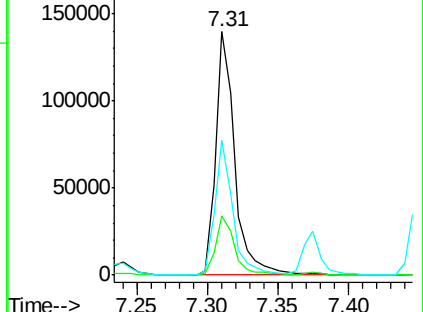
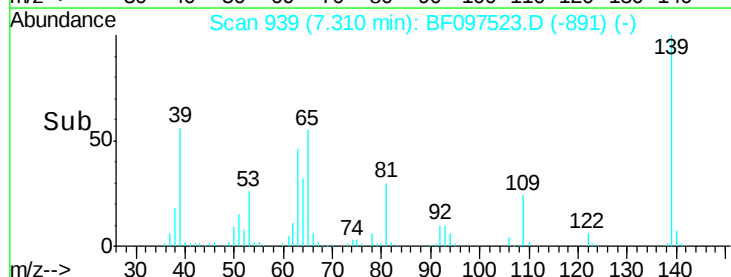
65 55.4 33.0 49.6#

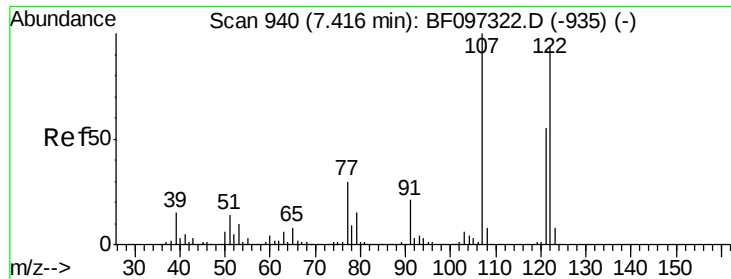


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

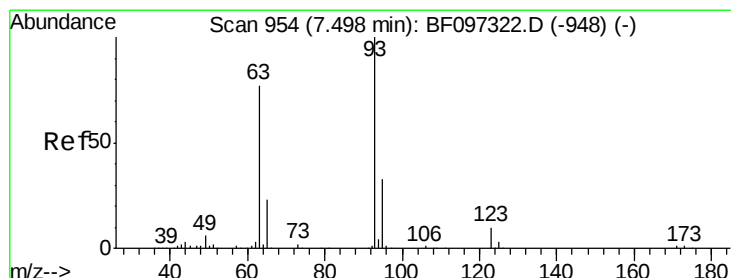
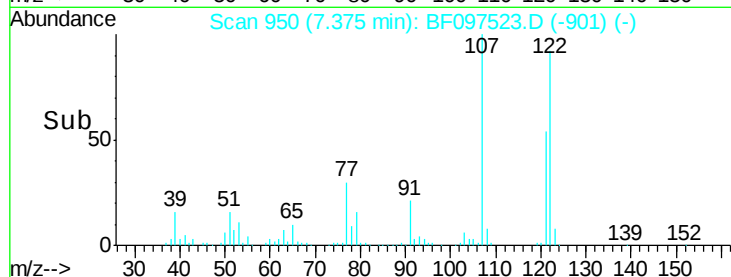
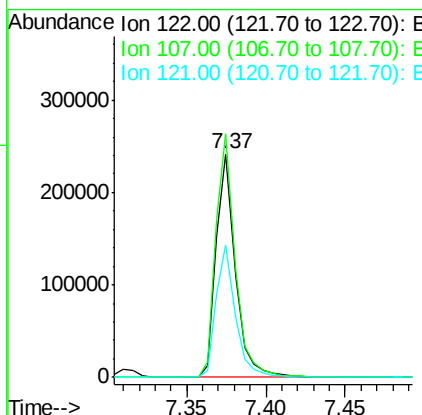
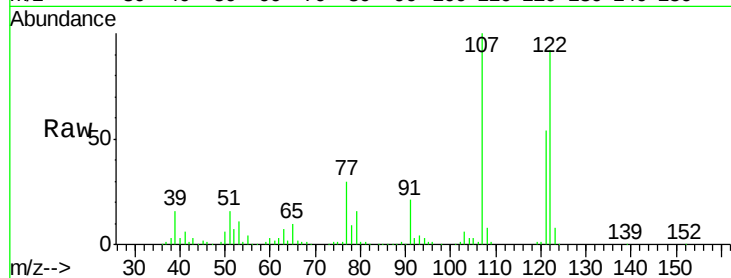




#27
 2,4-Dimethylphenol
 Concen: 34.11 ng
 RT: 7.37 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

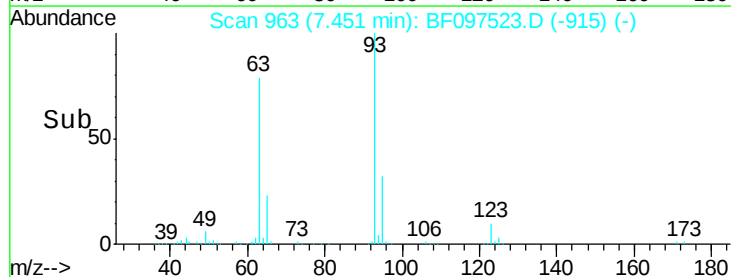
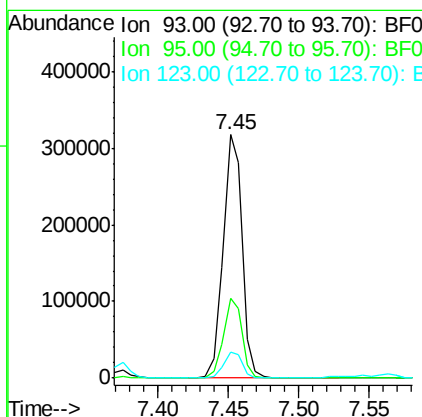
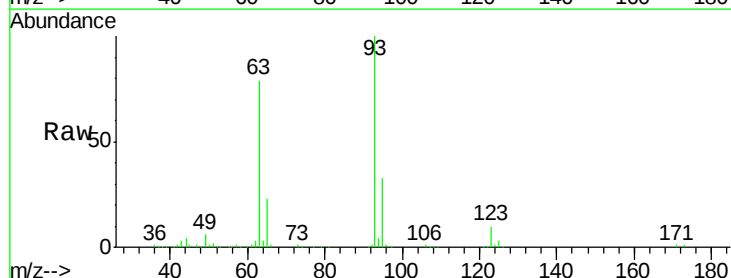
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

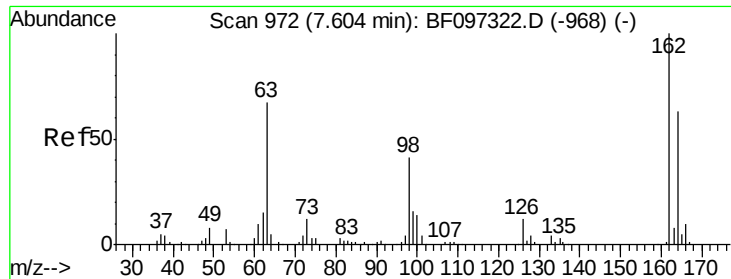
Tot Ion:122 Resp: 206262
 Ion Ratio Lower Upper
 122 100
 107 108.9 89.2 133.8
 121 59.0 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.46 ng
 RT: 7.45 min Scan# 963
 Delta R.T. -0.02 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

Tgt Ion: 93 Resp: 294873
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.5 39.7
 123 10.5 9.0 13.4

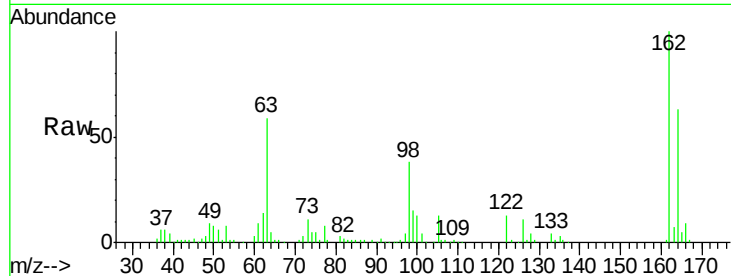




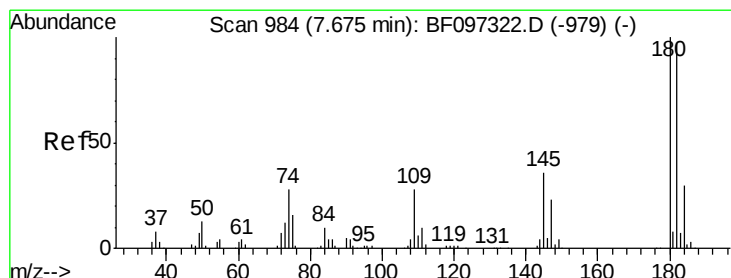
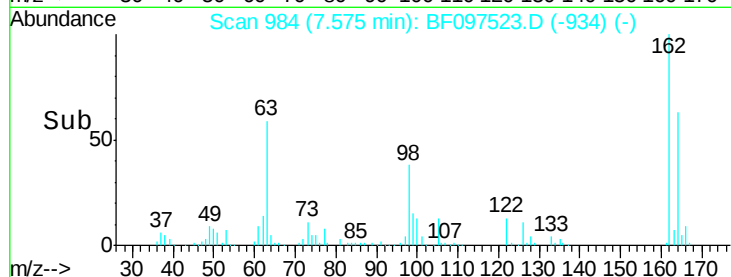
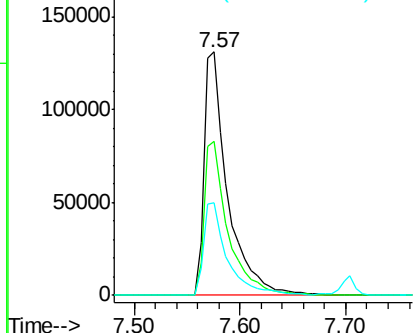
#29
 2,4-Dichlorophenol
 Concen: 38.57 ng
 RT: 7.57 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.6	84.6
98	37.9	14.8	54.8

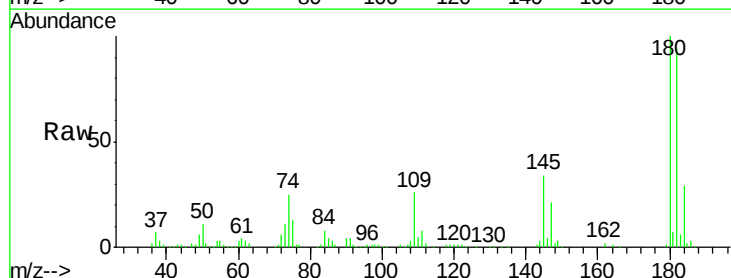


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

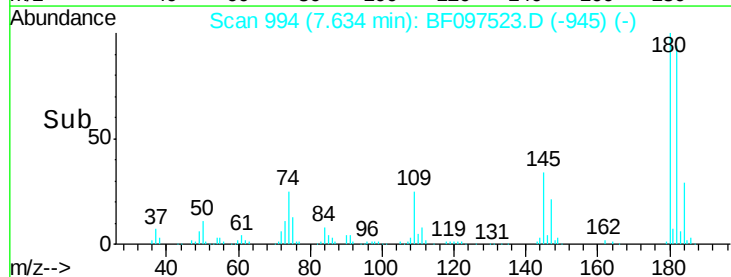
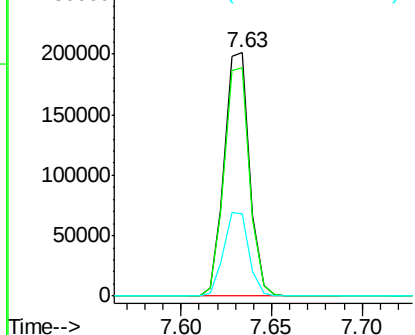


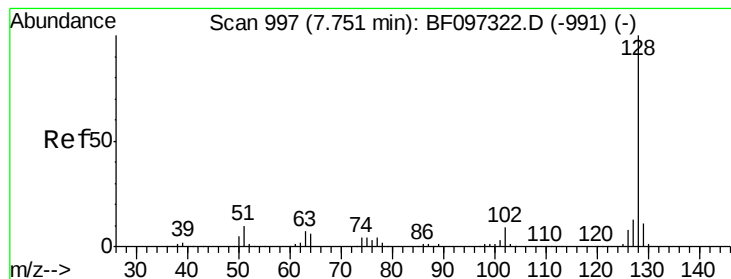
#30
 1,2,4-Trichlorobenzene
 Concen: 39.58 ng
 RT: 7.63 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.8	113.6
145	33.7	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





#31

Naphthalene

Concen: 40.16 ng

RT: 7.70 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

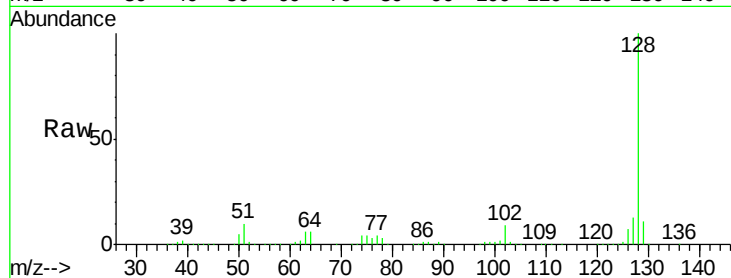
Tot Ion:128 Resp: 722508

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

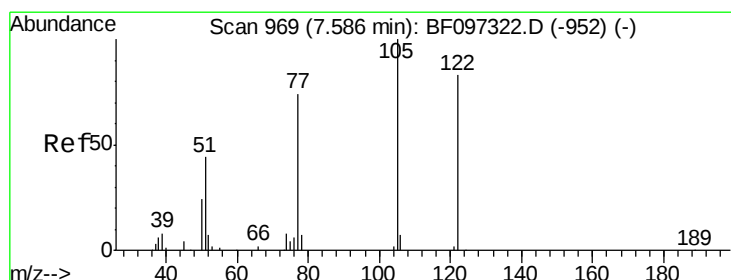
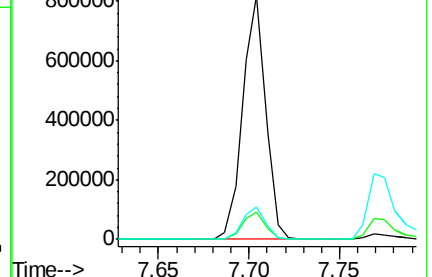
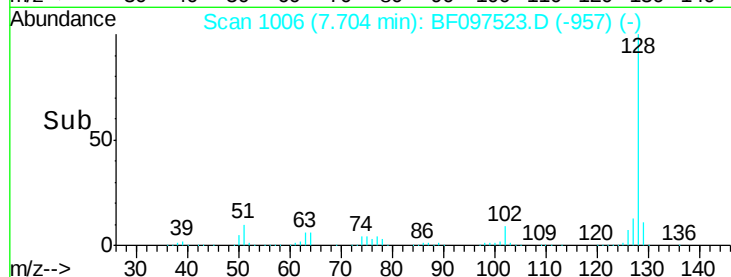
127 13.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.87 ng

RT: 7.57 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

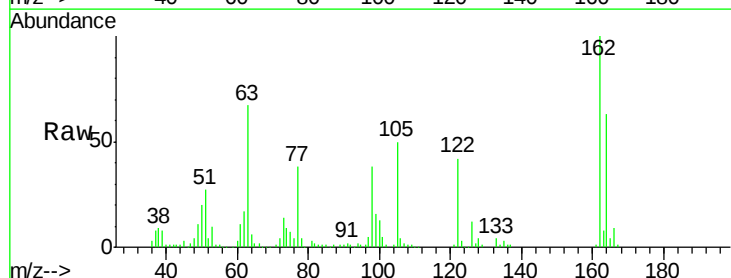
Tgt Ion:122 Resp: 143917

Ion Ratio Lower Upper

122 100

105 118.7 103.3 143.3

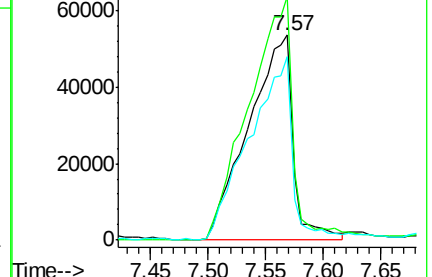
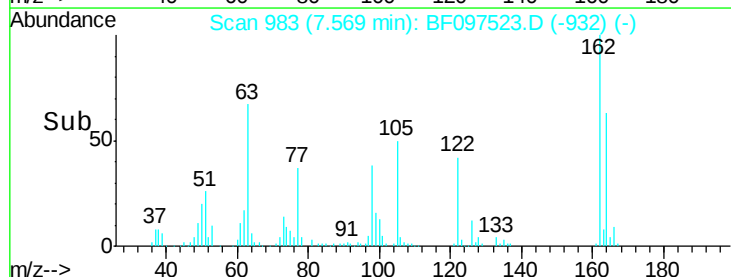
77 89.2 73.7 113.7

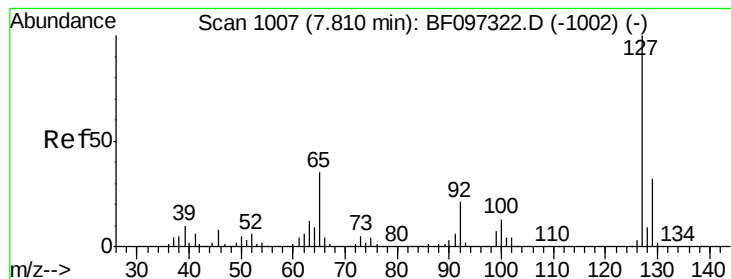


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 36.18 ng

RT: 7.77 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 264844

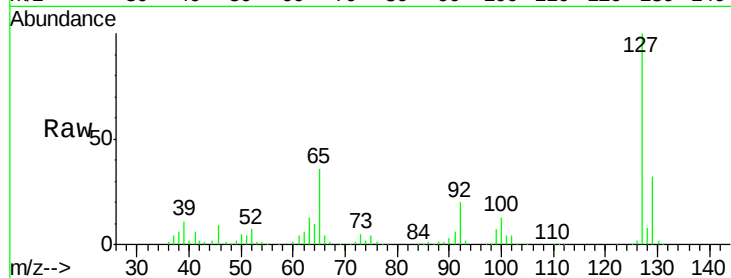
Ion Ratio Lower Upper

127 100

129 32.3 26.2 39.2

65 36.1 27.8 41.8

92 19.8 16.8 25.2

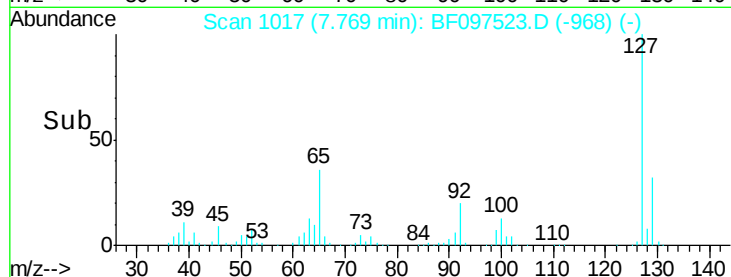


Abundance Ion 127.00 (126.70 to 127.70): E

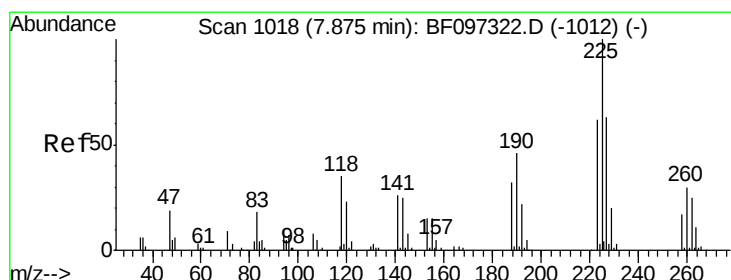
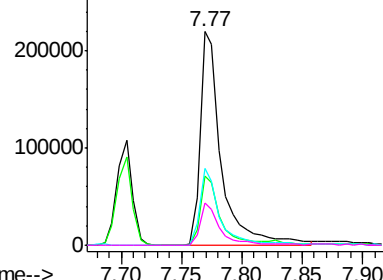
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 38.79 ng

RT: 7.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

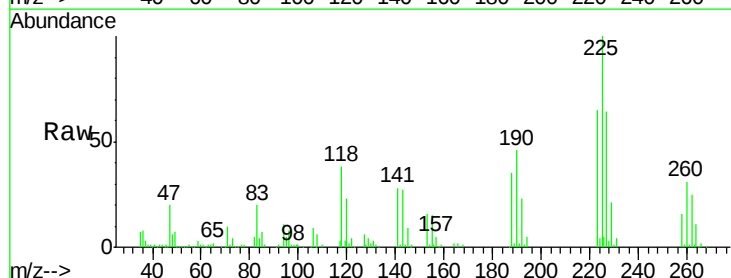
Tgt Ion:225 Resp: 102120

Ion Ratio Lower Upper

225 100

223 65.4 48.8 73.2

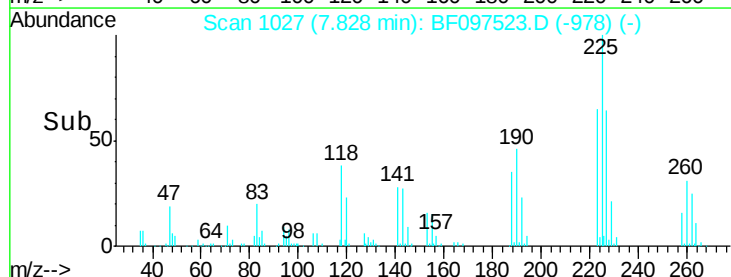
227 64.1 51.1 76.7



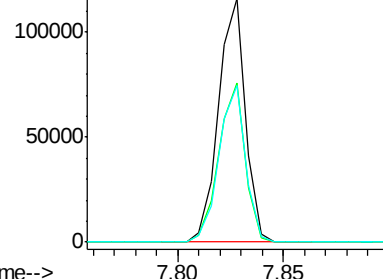
Abundance Ion 225.00 (224.70 to 225.70): E

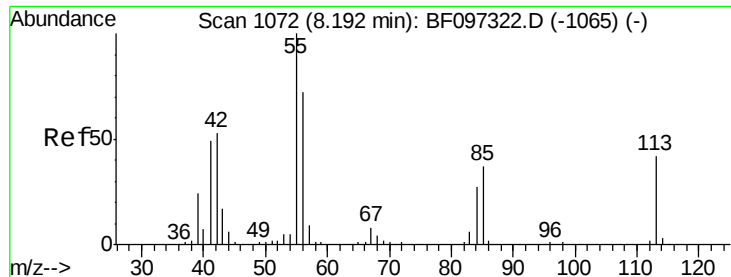
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

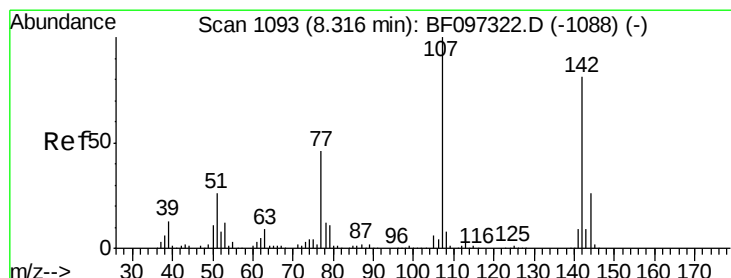
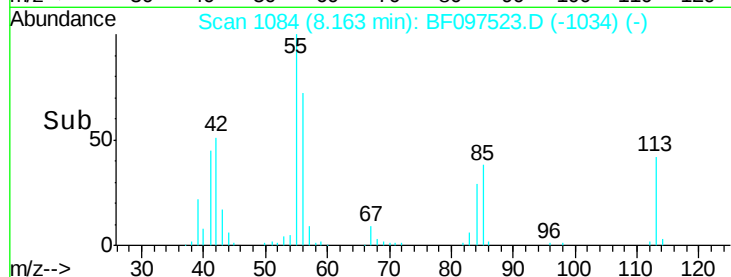
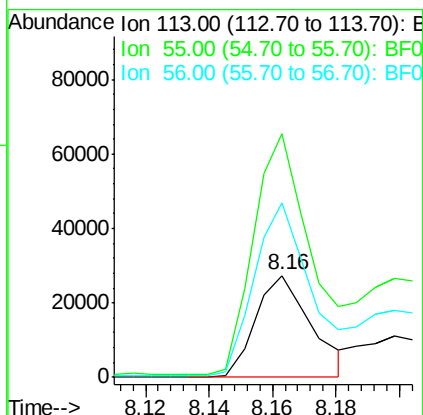
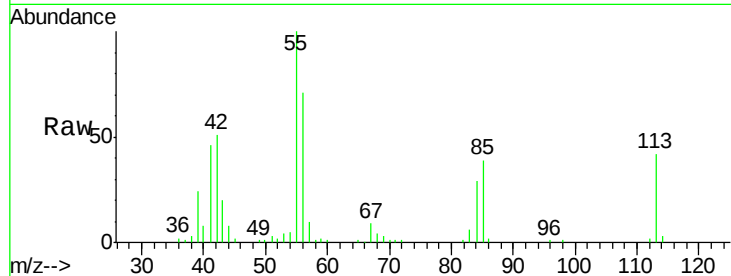




#35
Caprolactam
Concen: 19.90 ng
RT: 8.16 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF097523.D
Acq: 9 Aug 2017 18:47

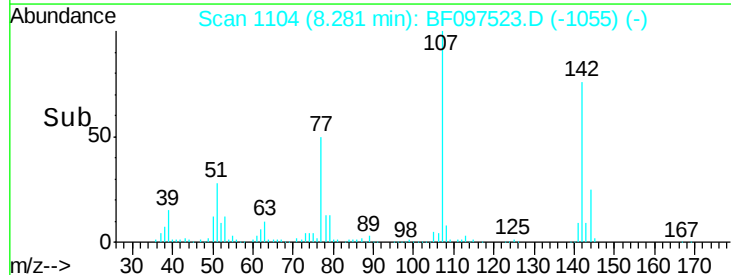
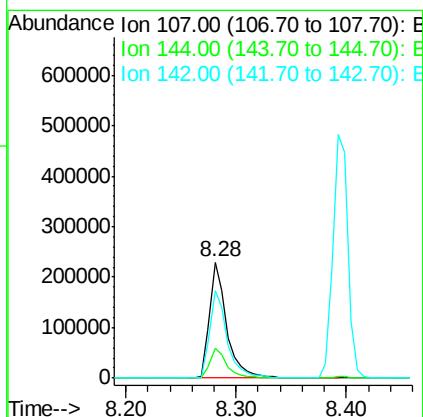
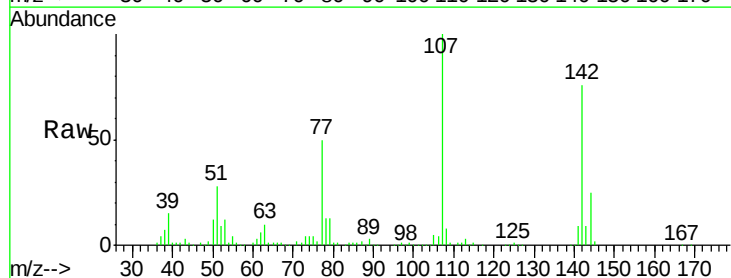
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

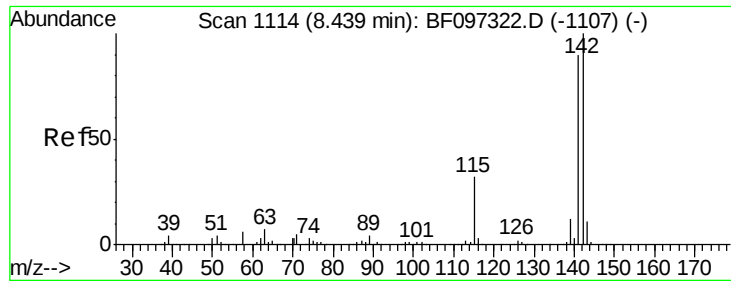
Tot Ion:113 Resp: 33247
Ion Ratio Lower Upper
113 100
55 239.4 150.2 190.2#
56 171.0 107.8 147.8#



#36
4-Chloro-3-methylphenol
Concen: 42.37 ng
RT: 8.28 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF097523.D
Acq: 9 Aug 2017 18:47

Tgt Ion:107 Resp: 240781
Ion Ratio Lower Upper
107 100
144 25.4 24.2 36.4
142 75.7 73.4 110.0

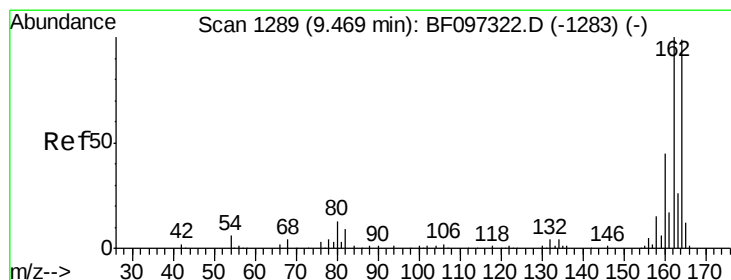
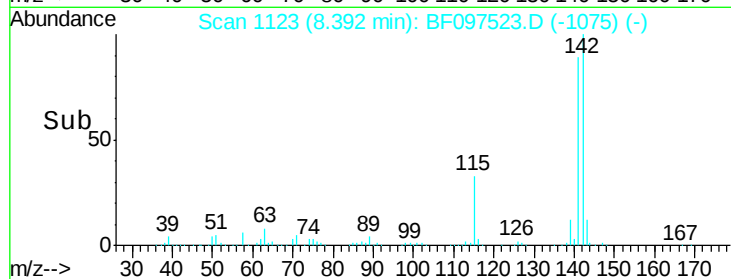
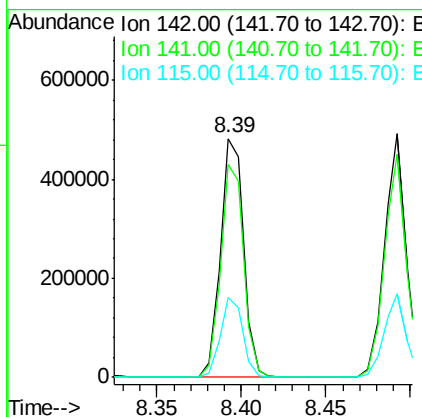
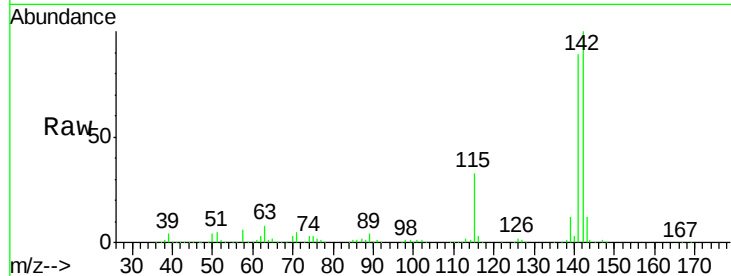




#37
2-Methylnaphthalene
Concen: 40.55 ng
RT: 8.39 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF097523.D
Acq: 9 Aug 2017 18:47

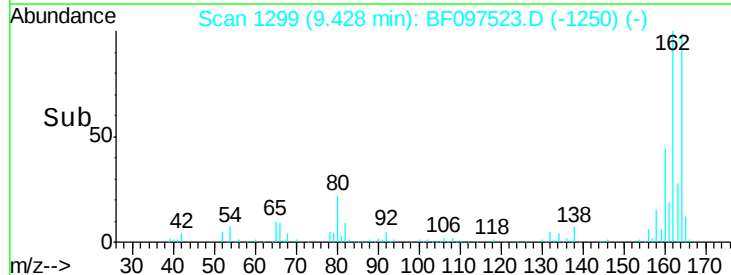
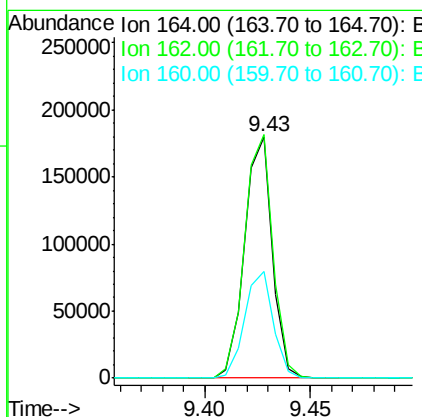
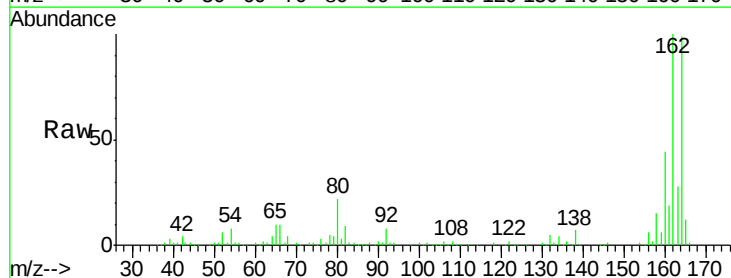
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

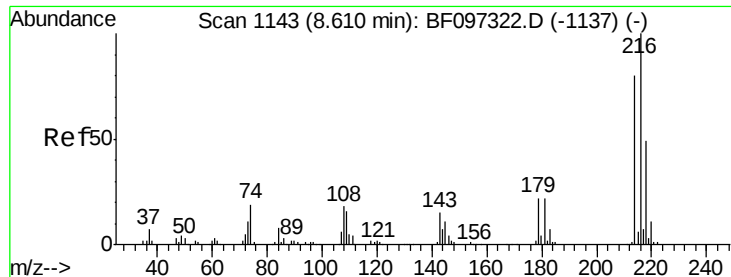
Tot Ion:142 Resp: 461914
Ion Ratio Lower Upper
142 100
141 89.3 71.3 106.9
115 33.4 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.43 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097523.D
Acq: 9 Aug 2017 18:47

Tgt Ion:164 Resp: 163393
Ion Ratio Lower Upper
164 100
162 100.9 82.6 123.8
160 44.0 36.2 54.2

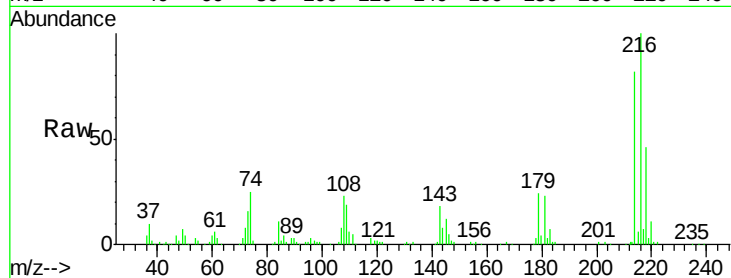




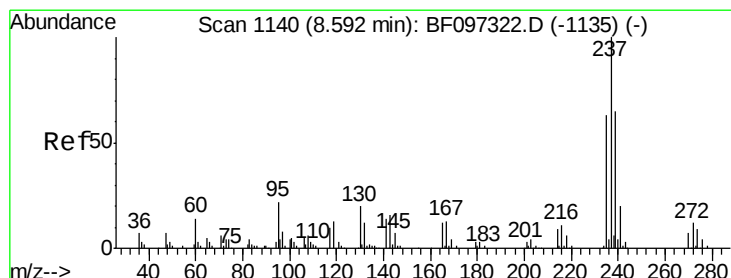
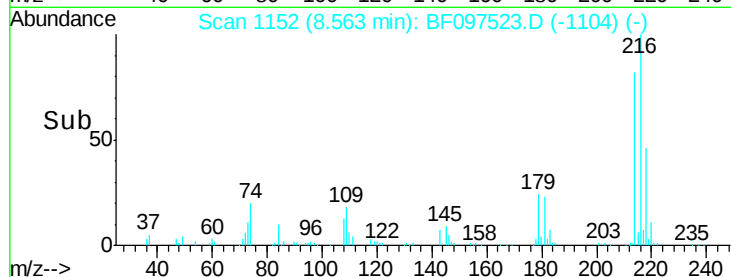
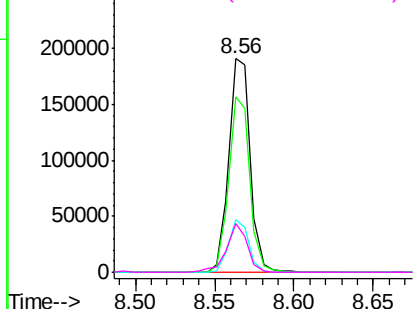
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.11 ng
 RT: 8.56 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:216	Resp:	179234
Ion	Ratio	Lower Upper
216	100	
214	80.4	63.4 95.2
179	23.0	17.9 26.9
108	22.3	16.5 24.7

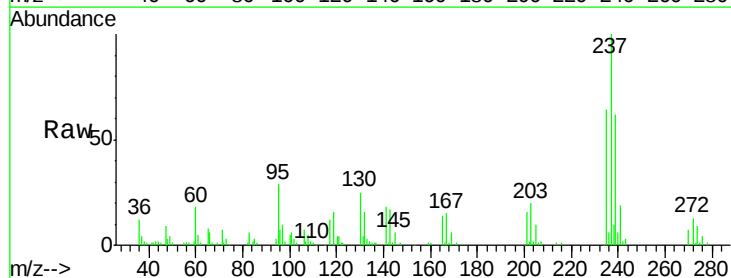


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

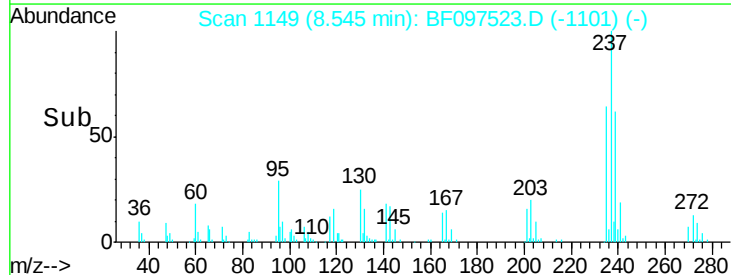
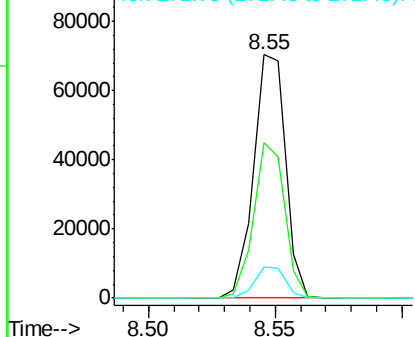


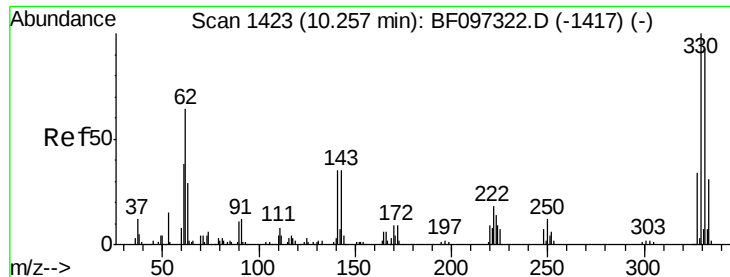
#40
 Hexachlorocyclopentadiene
 Concen: 44.02 ng
 RT: 8.55 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

Tgt Ion:237	Resp:	62184
Ion	Ratio	Lower Upper
237	100	
235	63.8	42.6 82.6
272	13.0	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

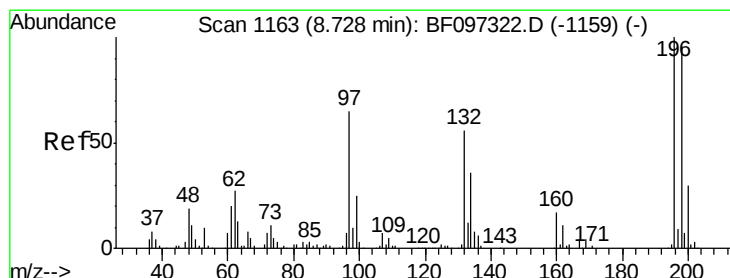
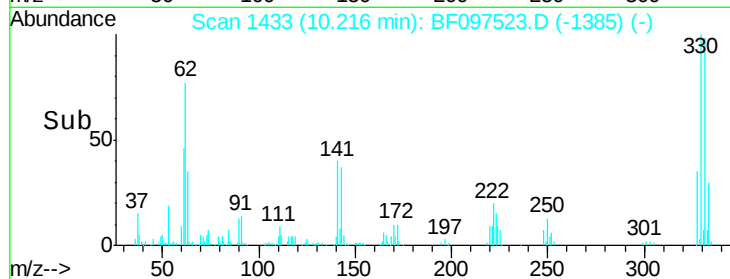
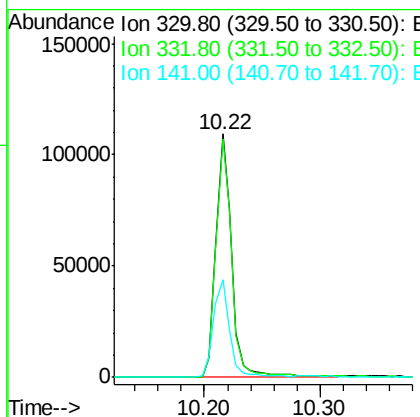
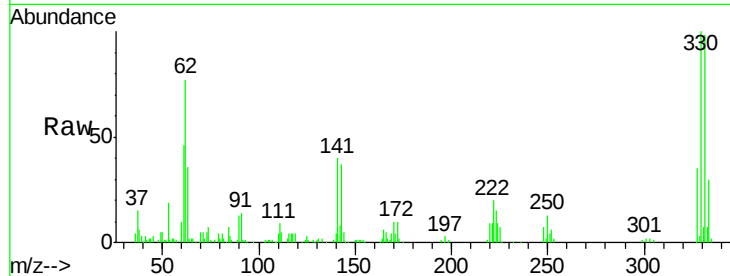




#41
 2,4,6-Tribromophenol
 Concen: 80.51 ng
 RT: 10.22 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

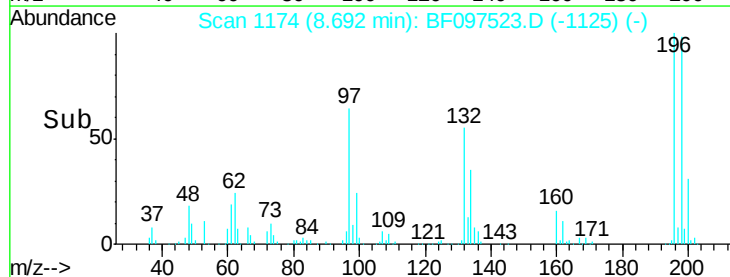
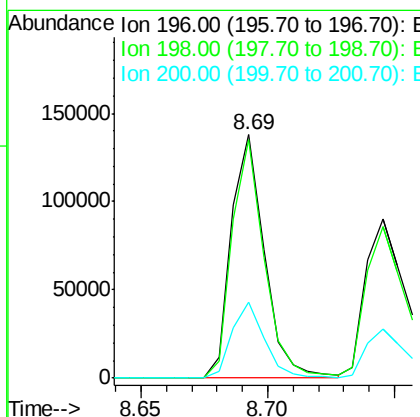
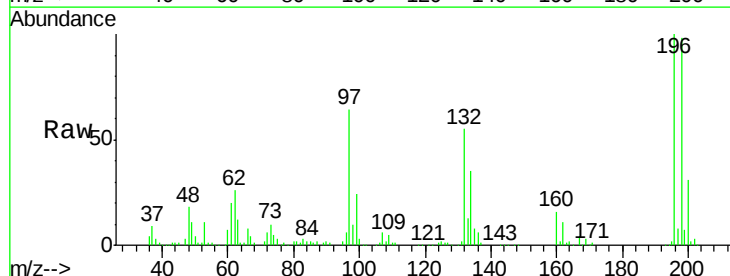
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

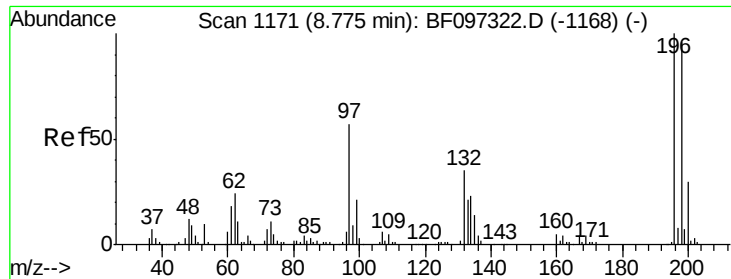
Tot Ion:330 Resp: 103930
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 115.0
 141 41.0 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 39.84 ng
 RT: 8.69 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

Tgt Ion:196 Resp: 125884
 Ion Ratio Lower Upper
 196 100
 198 97.8 74.2 111.4
 200 31.0 24.0 36.0

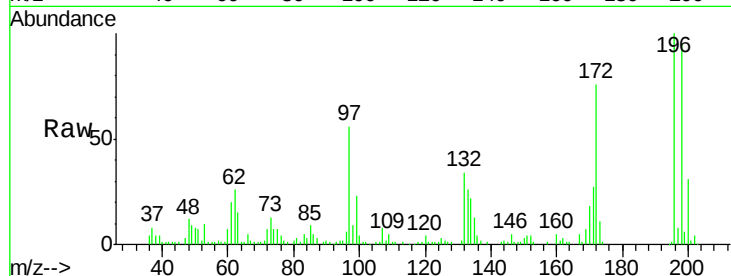




#43
 2,4,5-Trichlorophenol
 Concen: 37.73 ng
 RT: 8.75 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	95.1	75.7	113.5	
97	56.5	47.7	71.5	
132	33.6	28.0	42.0	



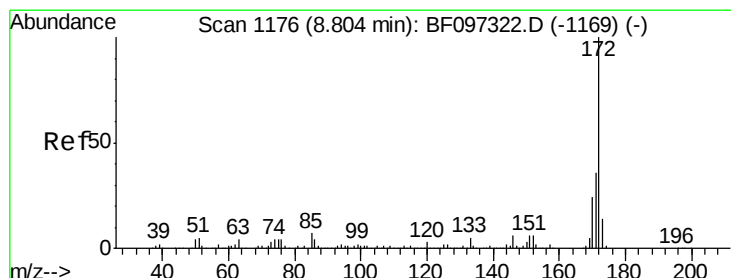
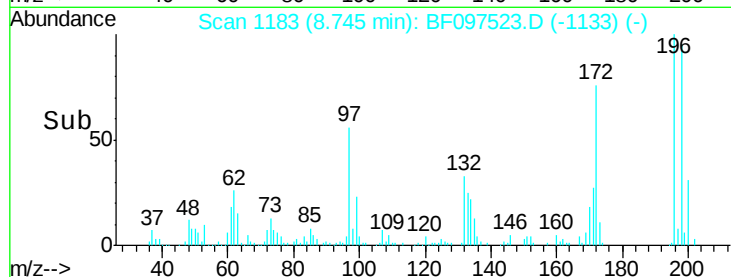
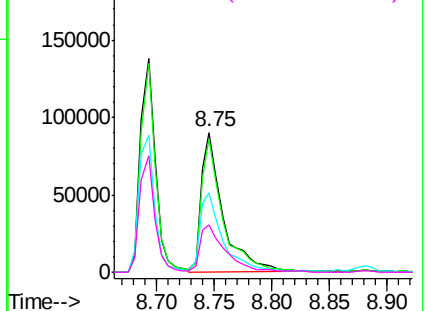
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

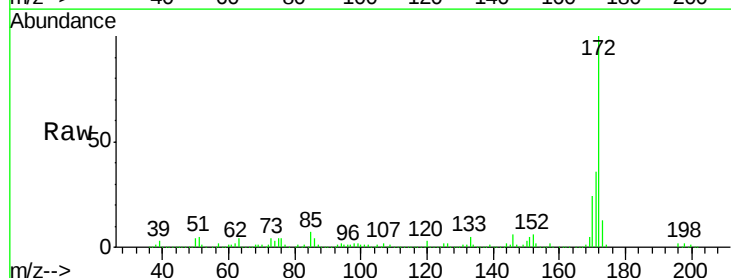
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.30 ng
 RT: 8.76 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.0	29.6	44.4	
170	24.4	19.8	29.8	

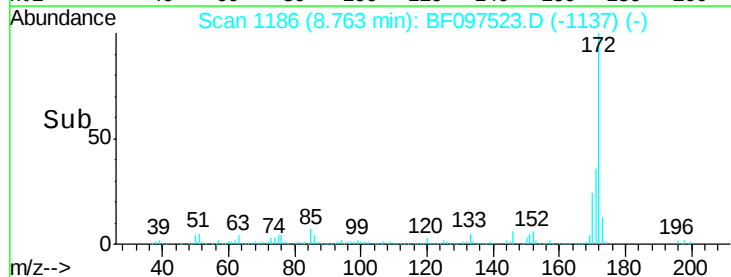
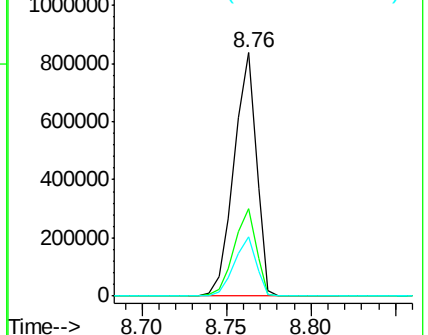


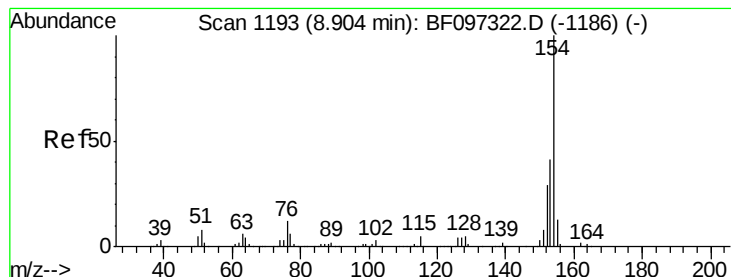
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.20 ng

RT: 8.86 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

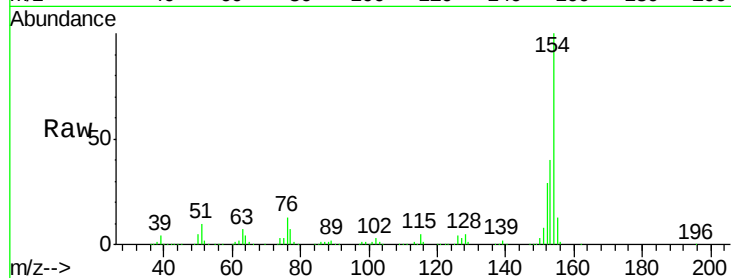
Tot Ion:154 Resp: 574974

Ion Ratio Lower Upper

154 100

153 40.4 21.2 61.2

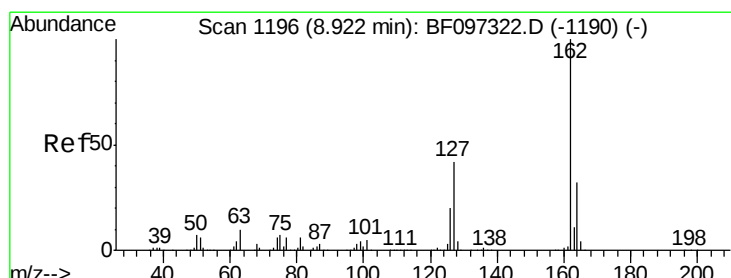
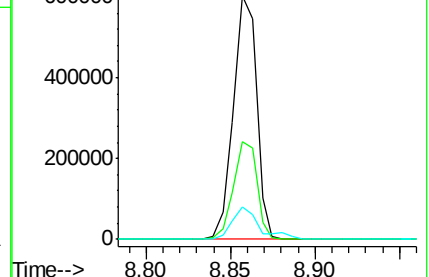
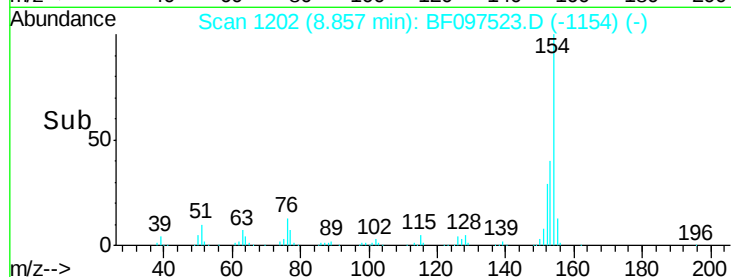
76 13.3 0.0 29.9



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: 40.85 ng

RT: 8.88 min Scan# 1206

Delta R.T. -0.02 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

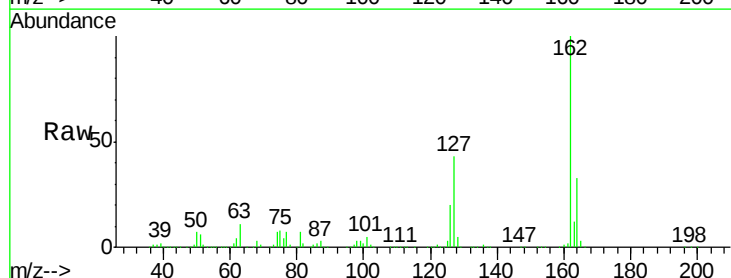
Tgt Ion:162 Resp: 419502

Ion Ratio Lower Upper

162 100

127 43.4 28.3 42.5#

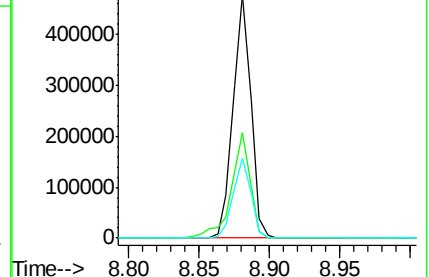
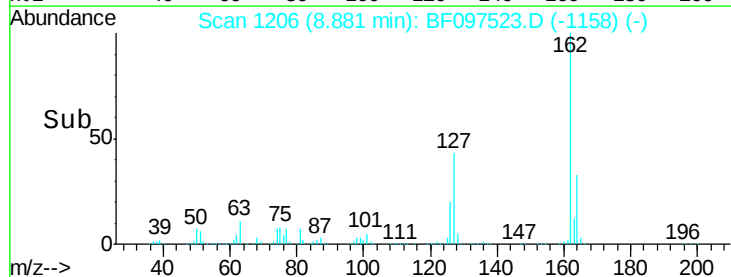
164 32.6 27.0 40.4

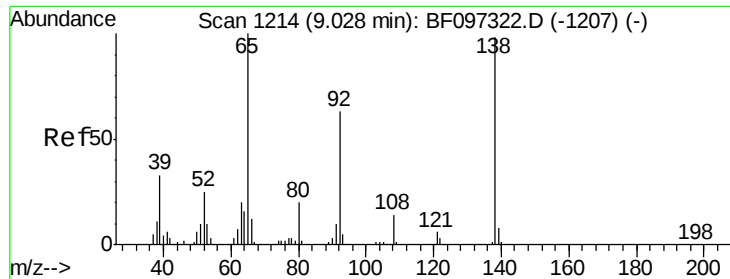


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

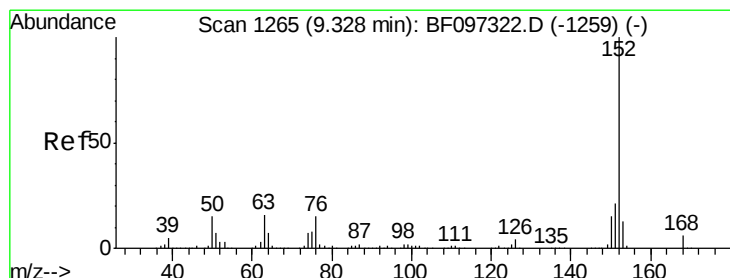
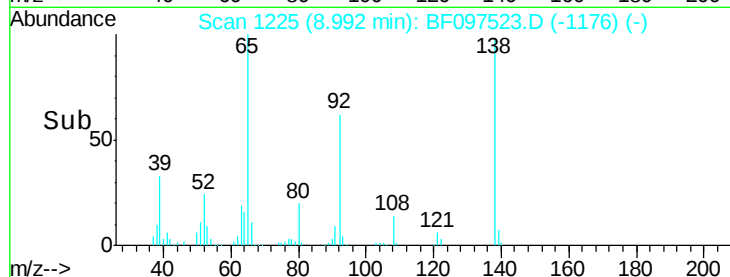
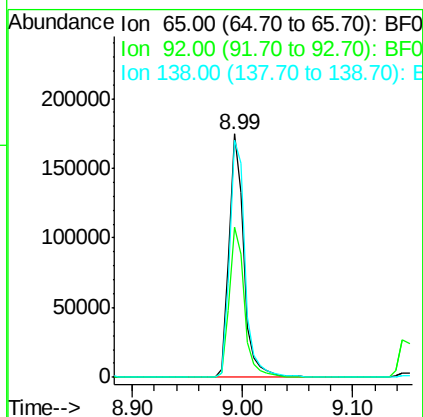
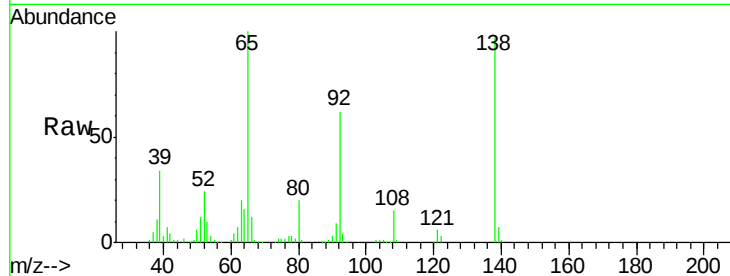




#47
2-Nitroaniline
Concen: 44.31 ng
RT: 8.99 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF097523.D
Acq: 9 Aug 2017 18:47

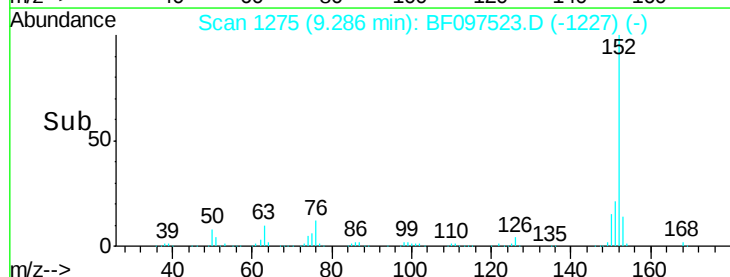
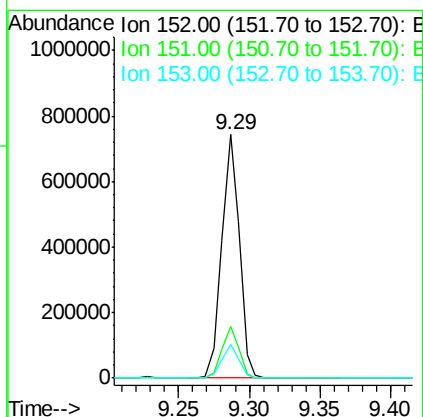
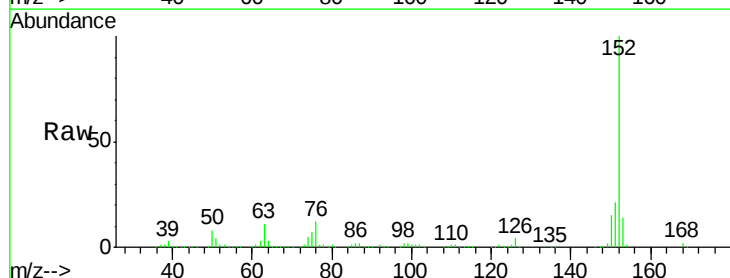
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

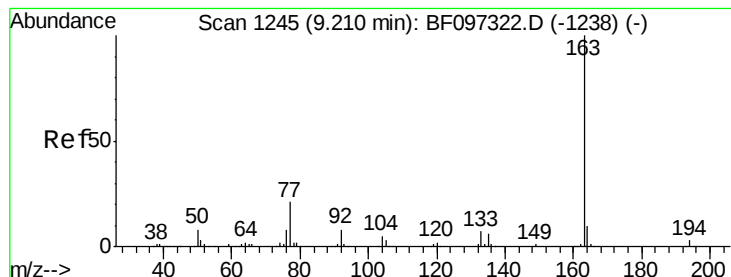
Tot Ion	65	Resp	165135
Ion Ratio	Lower	Upper	
65	100		
92	61.8	53.9	80.9
138	97.5	78.8	118.2



#48
Acenaphthylene
Concen: 40.94 ng
RT: 9.29 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF097523.D
Acq: 9 Aug 2017 18:47

Tgt Ion	152	Resp	645324
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.8	25.2
153	13.7	10.8	16.2





#49

Dimethylphthalate

Concen: 40.31 ng

RT: 9.17 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

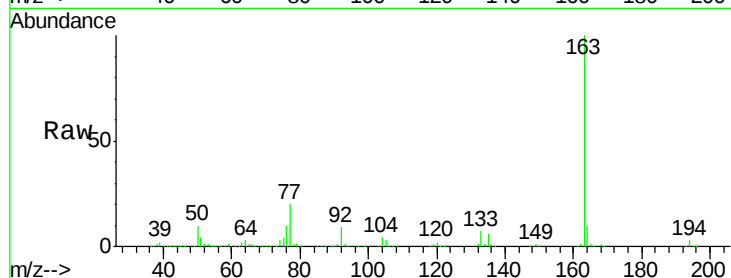
Tot Ion:163 Resp: 500122

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

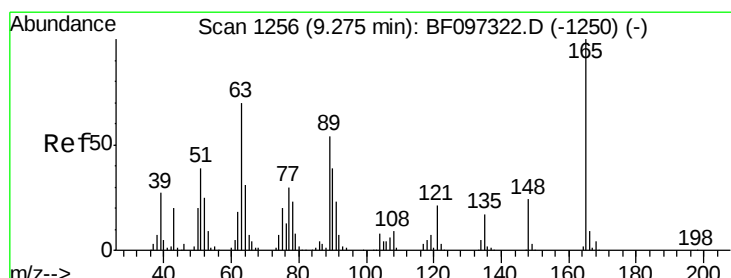
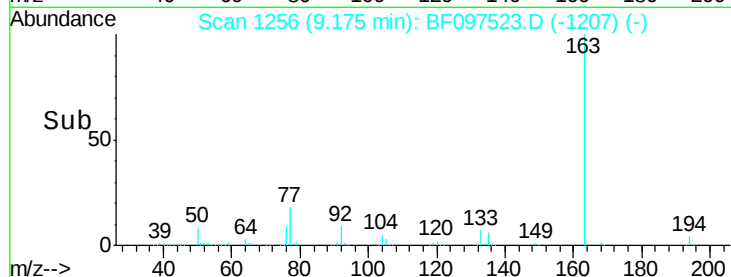
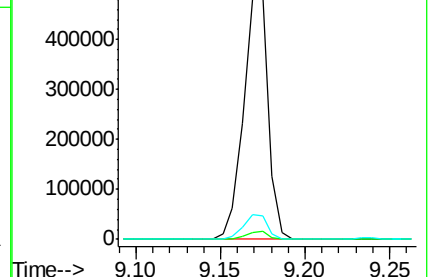
164 9.9 8.4 12.6



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: 40.95 ng

RT: 9.24 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

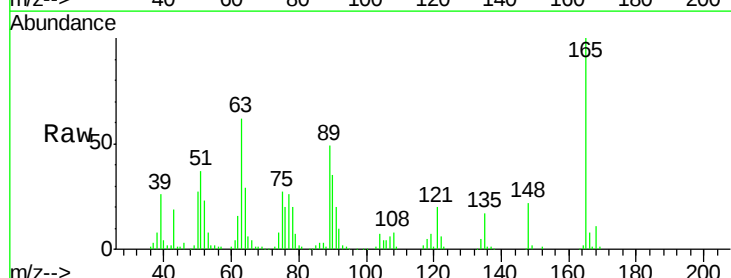
Tgt Ion:165 Resp: 107768

Ion Ratio Lower Upper

165 100

63 61.5 34.3 51.5#

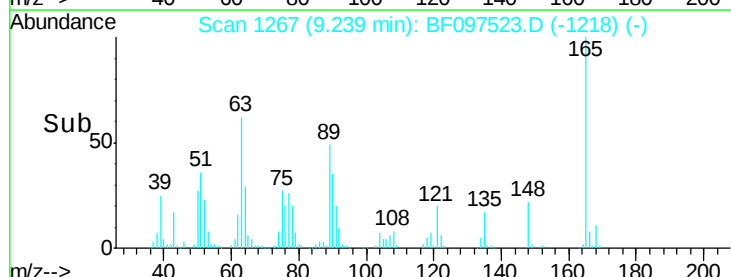
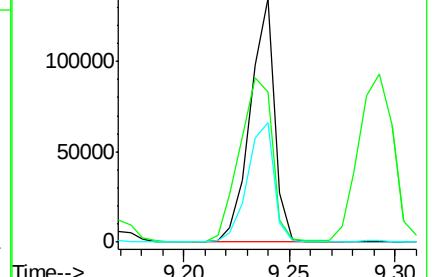
89 49.0 37.1 55.7

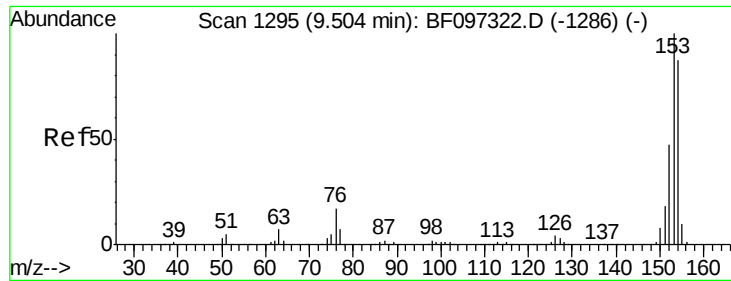


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.05 ng

RT: 9.46 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

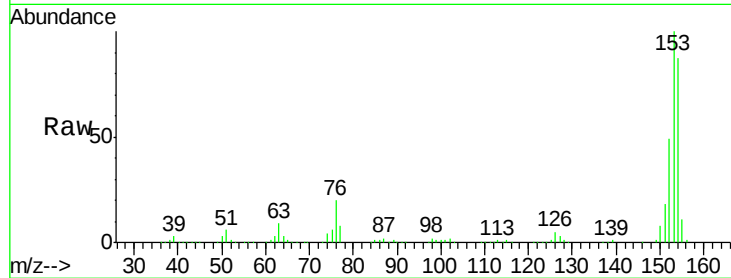
Tot Ion:154 Resp: 381201

Ion Ratio Lower Upper

154 100

153 114.3 90.5 135.7

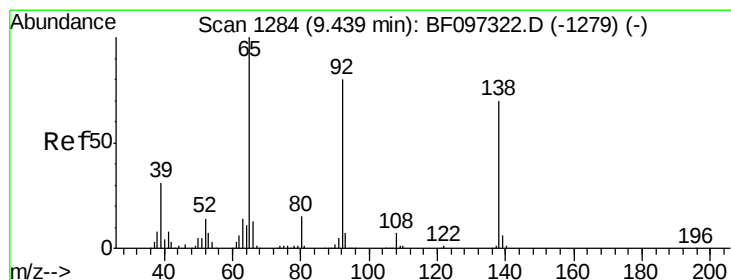
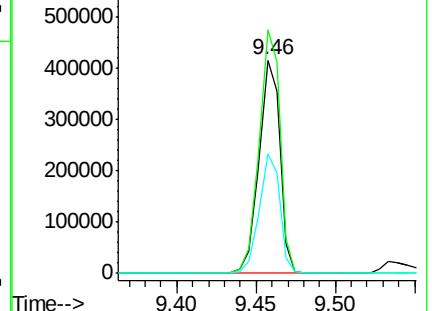
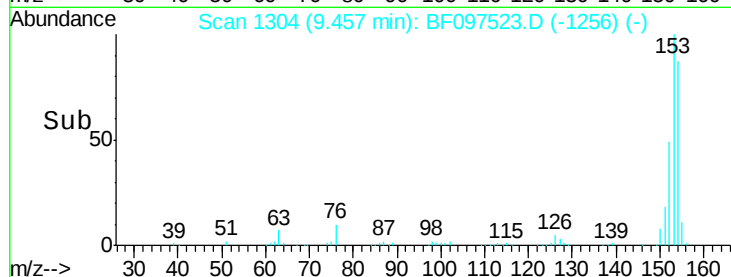
152 56.0 43.6 65.4



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: 38.28 ng

RT: 9.40 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

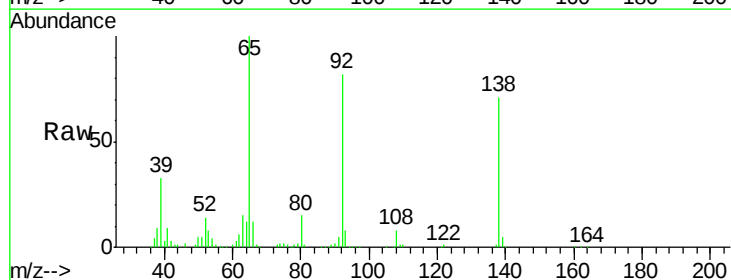
Tgt Ion:138 Resp: 125049

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

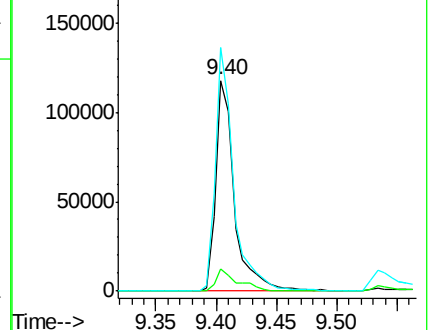
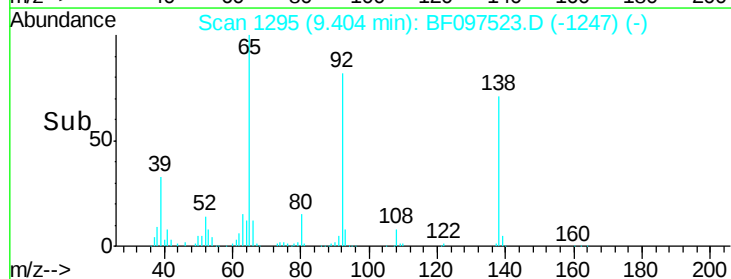
92 115.8 93.8 140.6

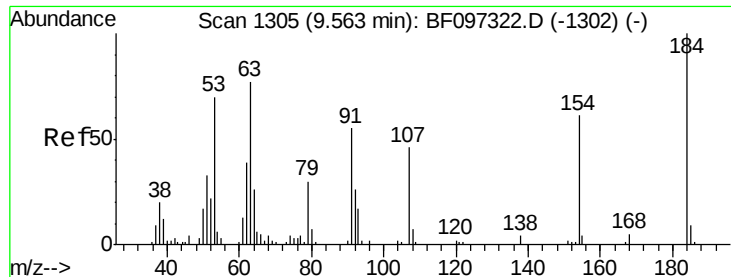


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

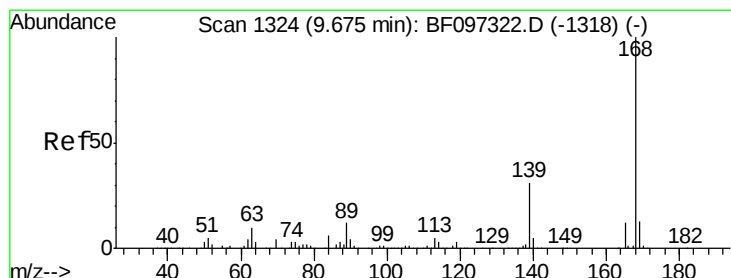
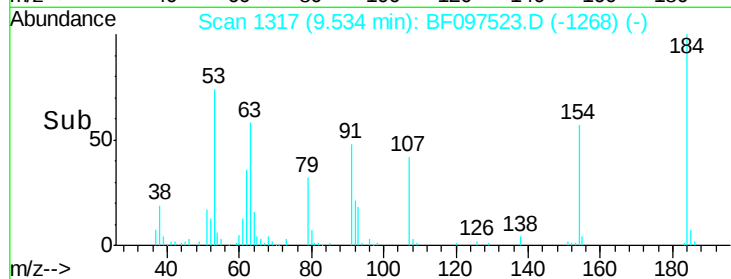
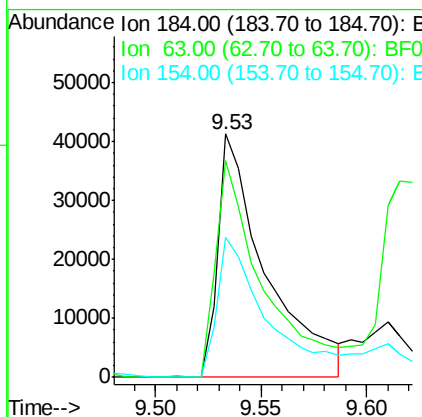
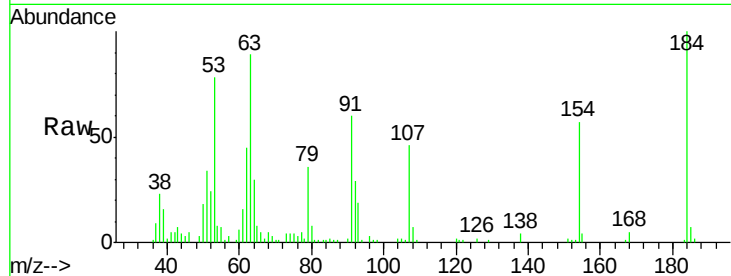




#53
 2,4-Dinitrophenol
 Concen: 54.61 ng
 RT: 9.53 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

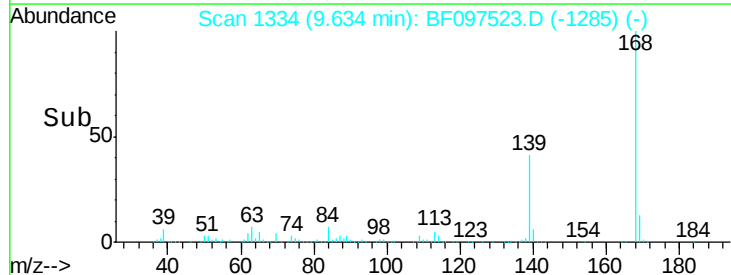
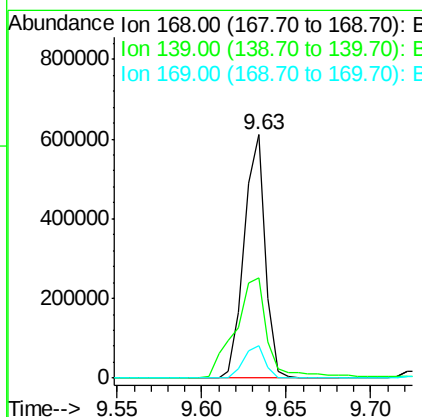
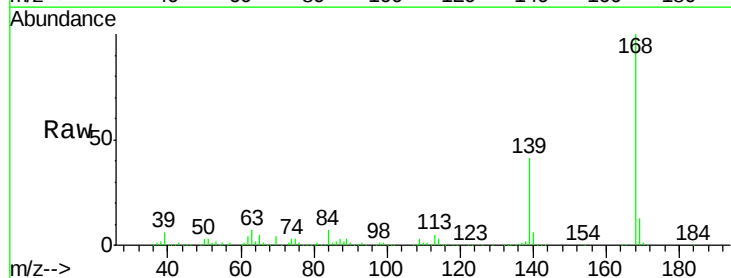
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

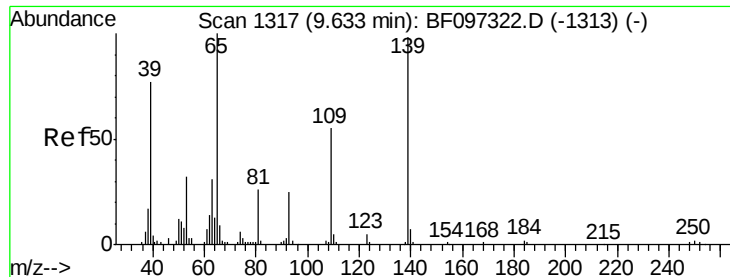
Tot Ion:184 Resp: 65340
 Ion Ratio Lower Upper
 184 100
 63 88.8 62.7 94.1
 154 57.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 43.01 ng
 RT: 9.63 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

Tgt Ion:168 Resp: 531967
 Ion Ratio Lower Upper
 168 100
 139 41.4 30.6 45.8
 169 13.1 10.8 16.2

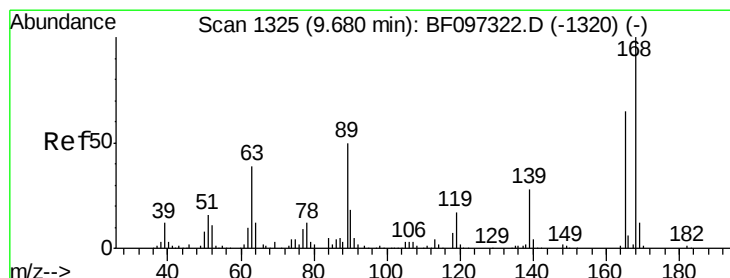
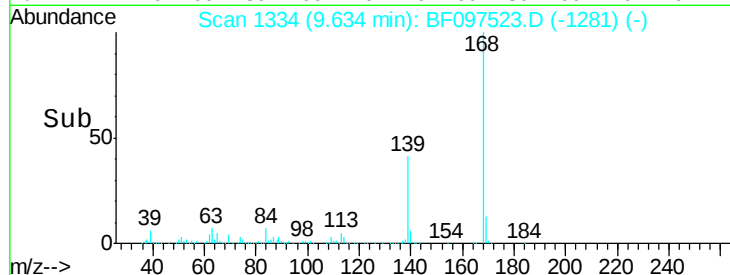
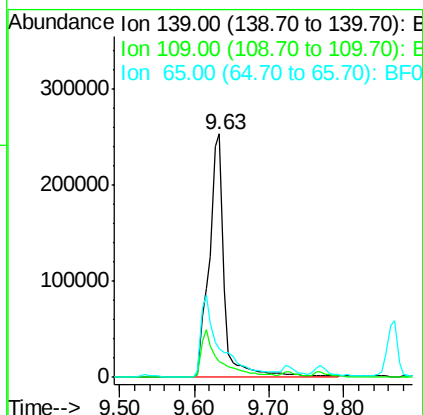
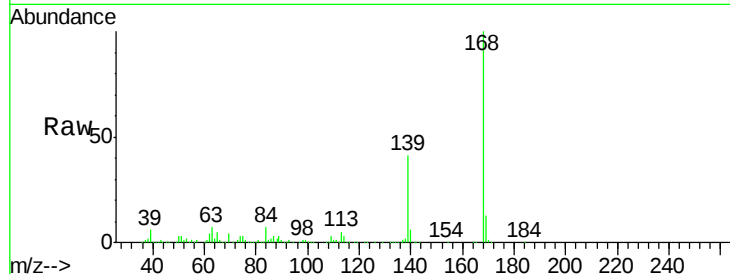




#55
4-Nitrophenol
Concen: 184.94 ng
RT: 9.63 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF097523.D
Acq: 9 Aug 2017 18:47

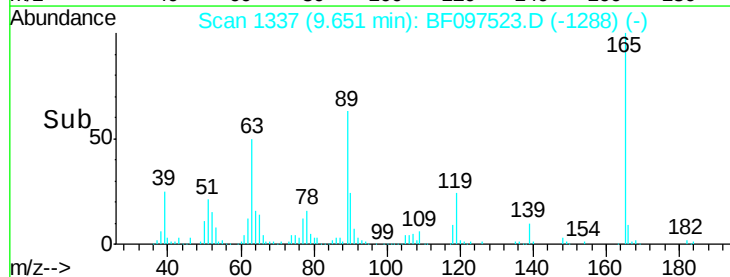
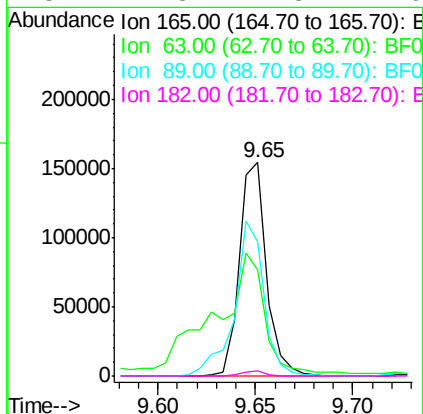
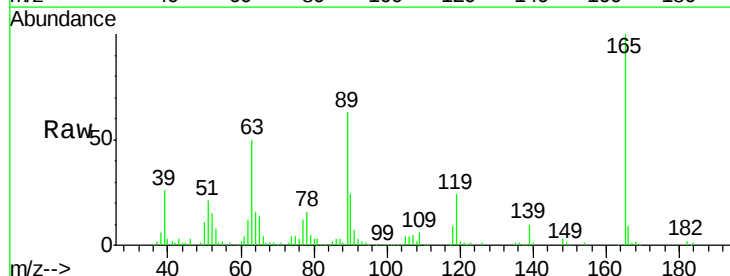
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

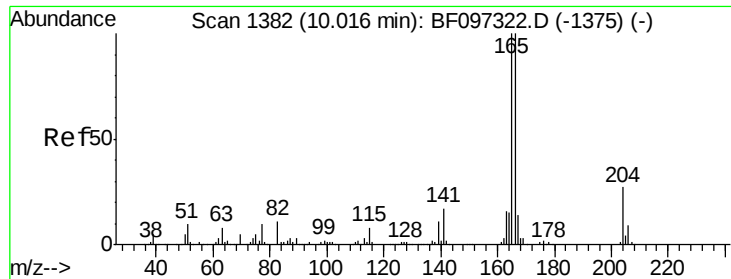
Tot Ion	Ratio	Lower	Upper
139	100		
109	6.4	34.1	74.1#
65	11.7	31.4	71.4#



#56
2,4-Dinitrotoluene
Concen: 48.63 ng
RT: 9.65 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF097523.D
Acq: 9 Aug 2017 18:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.5	25.4	38.0#
89	62.9	46.4	69.6
182	2.3	1.8	2.6

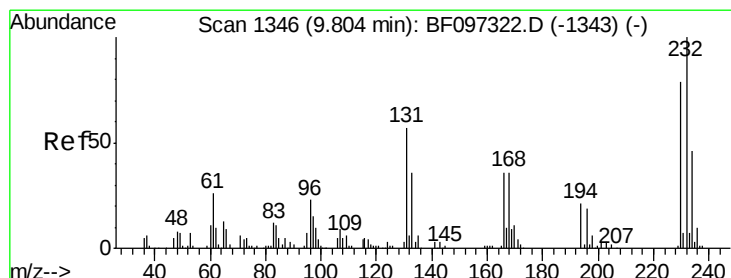
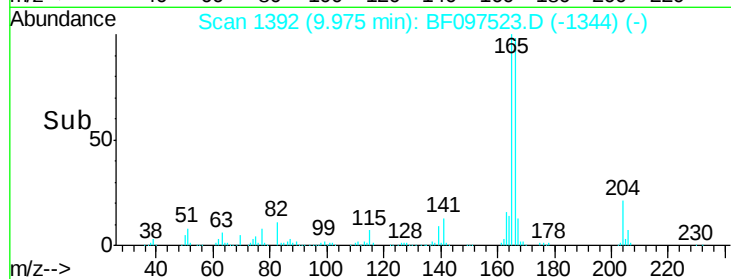
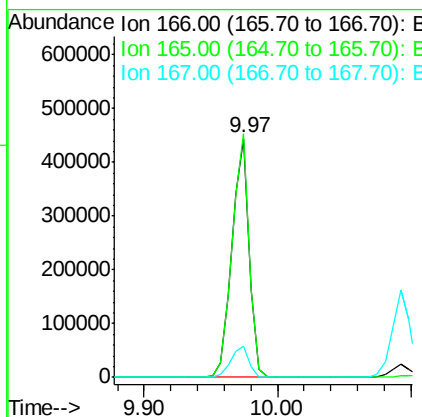
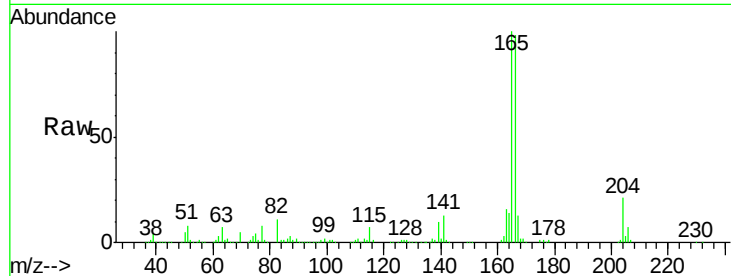




#57
Fluorene
 Concen: 43.68 ng
 RT: 9.97 min Scan# 1392
 Delta R.T. -0.02 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

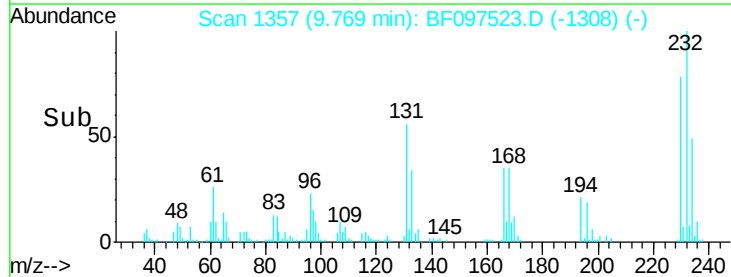
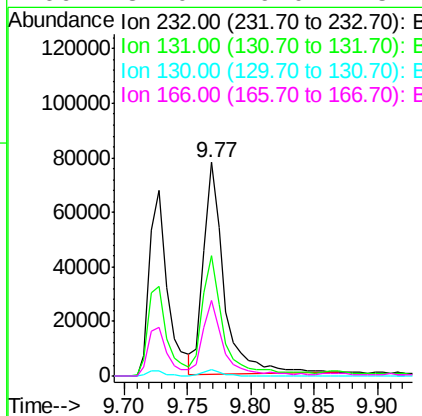
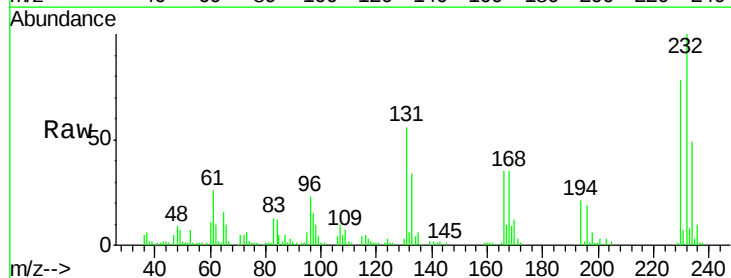
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

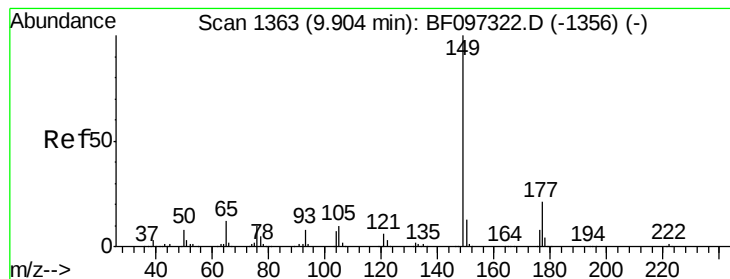
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.9	78.8	118.2
167	13.2	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.76 ng
 RT: 9.77 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.0	44.8	67.2
130	2.5	2.3	3.5
166	34.0	29.0	43.4





#59

Diethylphthalate

Concen: 43.57 ng

RT: 9.87 min Scan# 1374

Delta R.T. -0.02 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

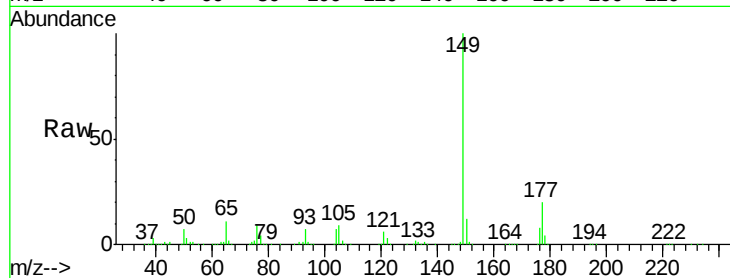
Tot Ion:149 Resp: 495972

Ion Ratio Lower Upper

149 100

177 20.4 16.7 25.1

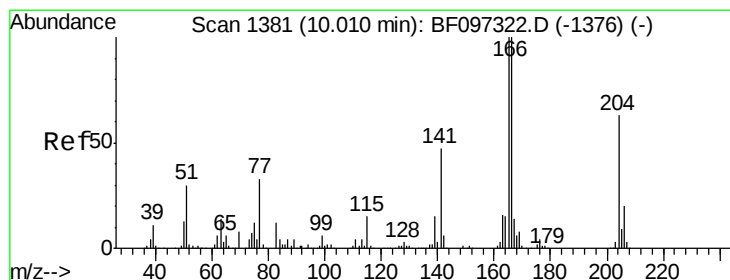
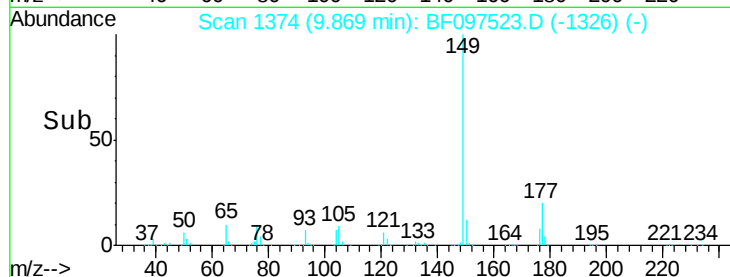
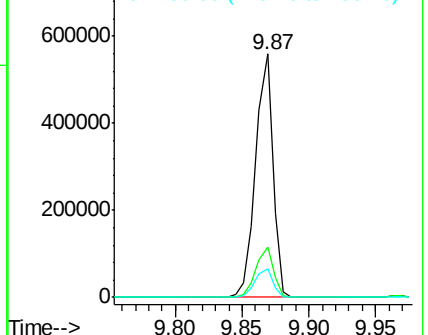
150 12.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.35 ng

RT: 9.97 min Scan# 1391

Delta R.T. -0.02 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

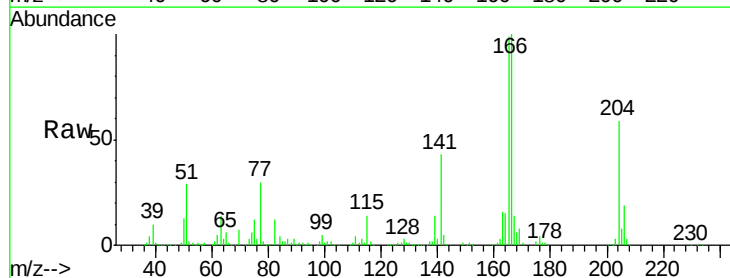
Tgt Ion:204 Resp: 166391

Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.2

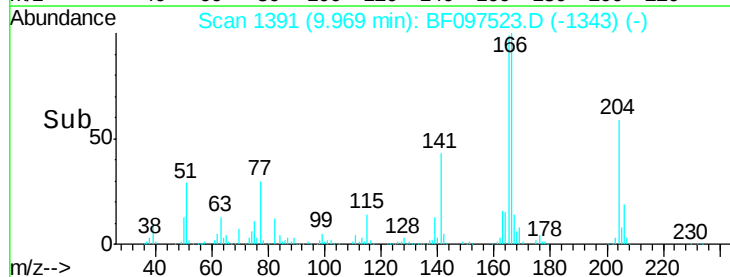
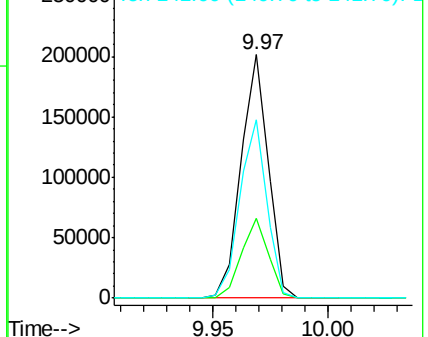
141 73.3 60.8 91.2

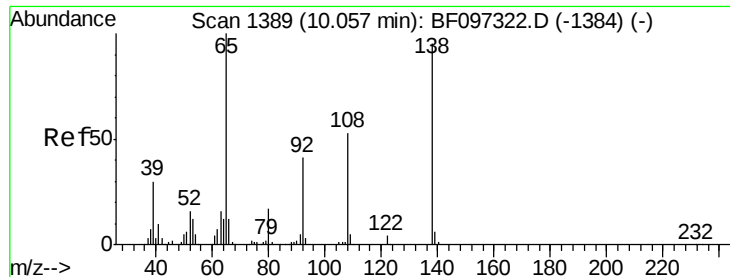


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

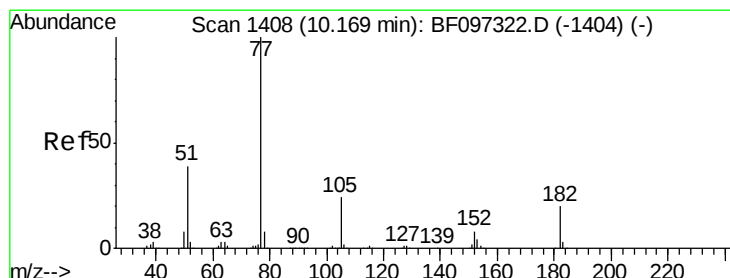
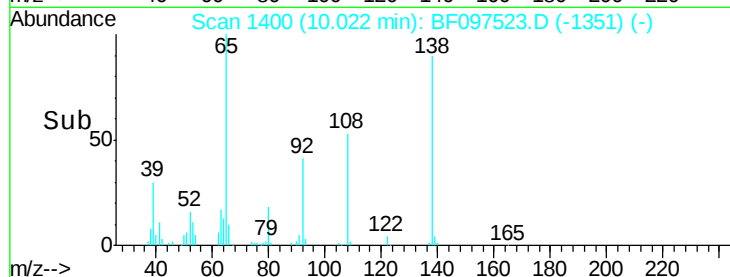
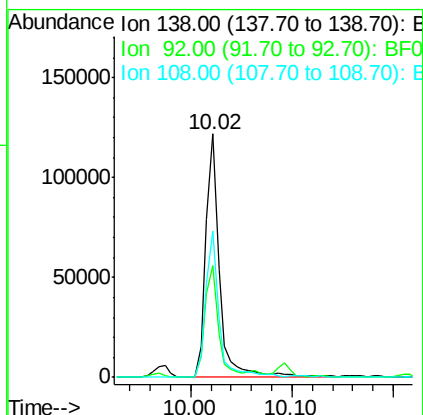
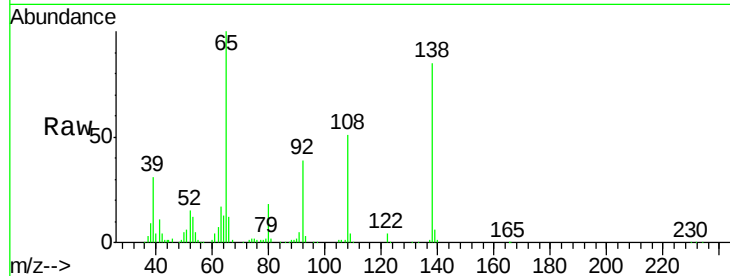




#61
4-Nitroaniline
Concen: 37.10 ng
RT: 10.02 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF097523.D
Acq: 9 Aug 2017 18:47

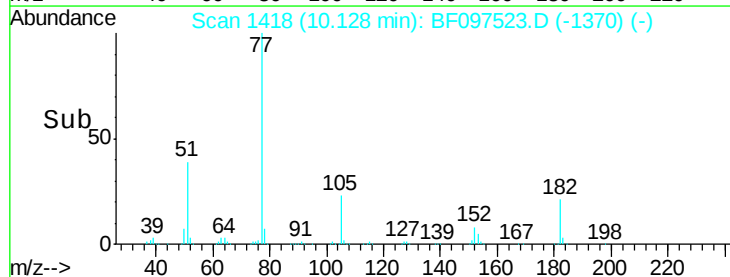
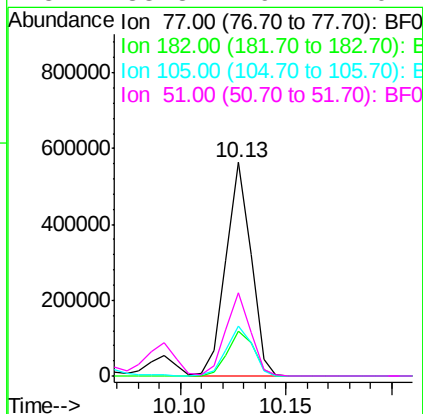
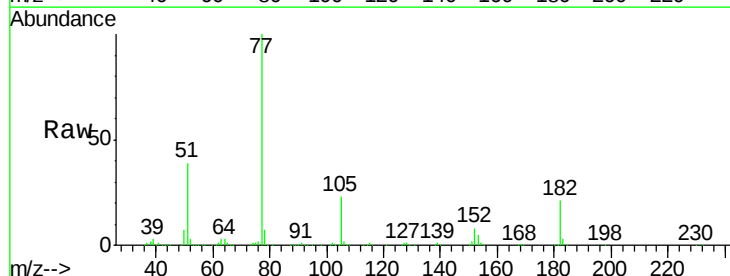
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

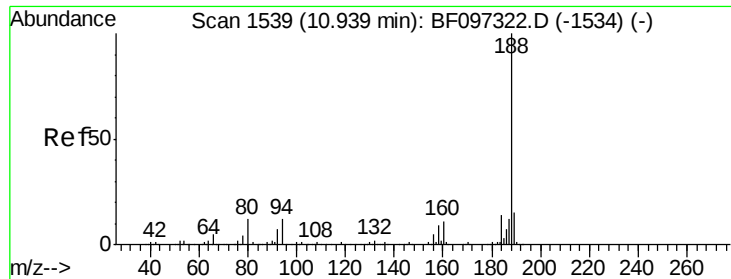
Tot Ion:138 Resp: 115159
Ion Ratio Lower Upper
138 100
92 45.9 21.8 61.8
108 59.9 42.3 82.3



#62
Azobenzene
Concen: 43.87 ng
RT: 10.13 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF097523.D
Acq: 9 Aug 2017 18:47

Tgt Ion: 77 Resp: 463238
Ion Ratio Lower Upper
77 100
182 21.0 0.1 40.1
105 23.1 3.6 43.6
51 38.8 9.4 49.4

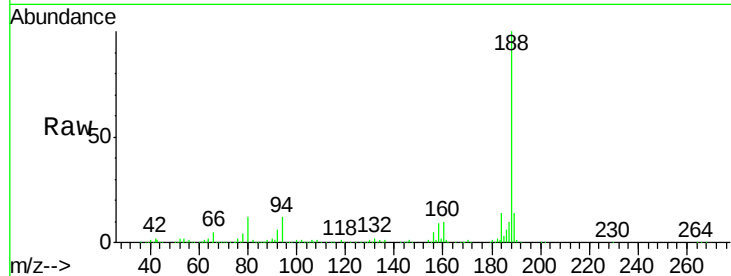




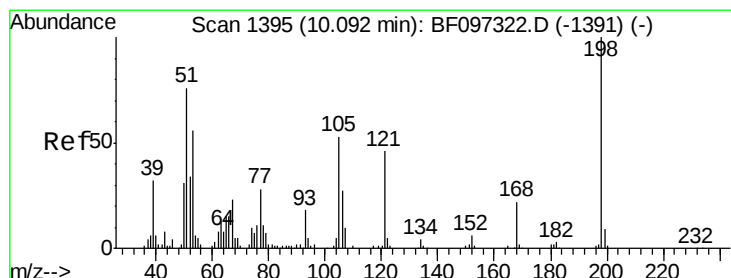
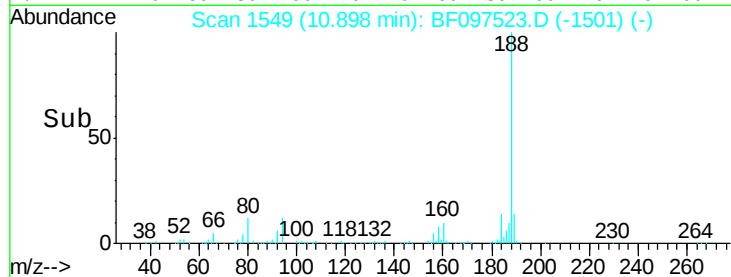
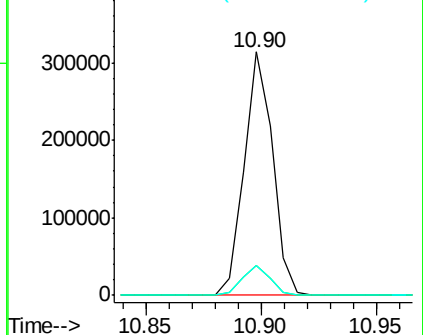
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF097523.D
Acq: 9 Aug 2017 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 271181
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 12.1 10.2 15.2

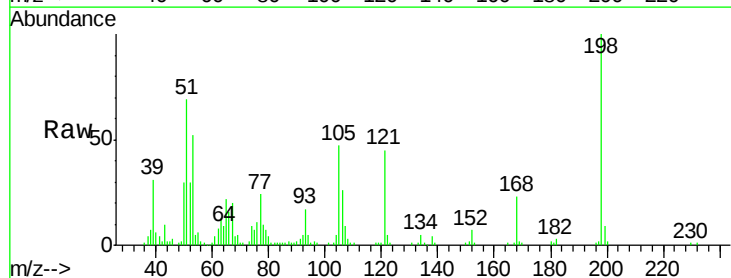


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

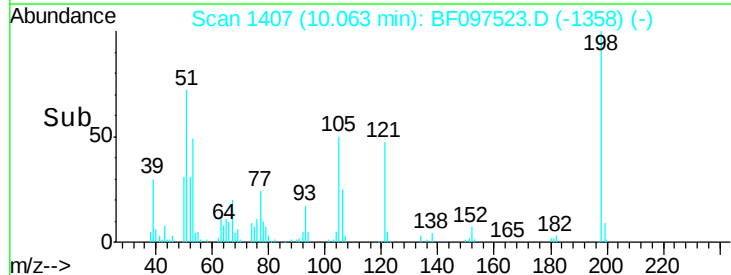
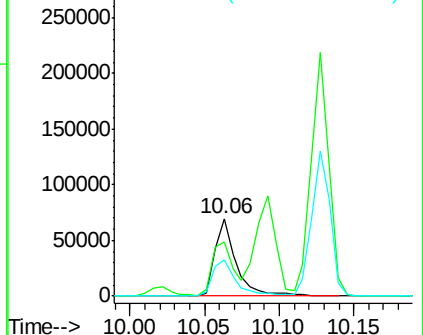


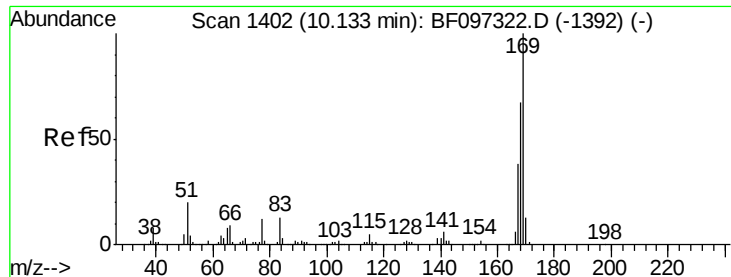
#64
4,6-Dinitro-2-methylphenol
Concen: 41.53 ng
RT: 10.06 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF097523.D
Acq: 9 Aug 2017 18:47

Tgt Ion:198 Resp: 69986
Ion Ratio Lower Upper
198 100
51 69.1 53.2 93.2
105 47.4 45.8 85.8



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





#65

n-Nitrosodiphenylamine

Concen: 41.39 ng

RT: 10.09 min Scan# 1412

Delta R.T. -0.02 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

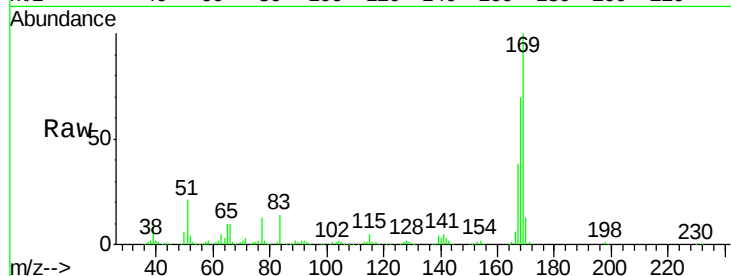
Tot Ion:169 Resp: 390506

Ion Ratio Lower Upper

169 100

168 69.7 53.2 79.8

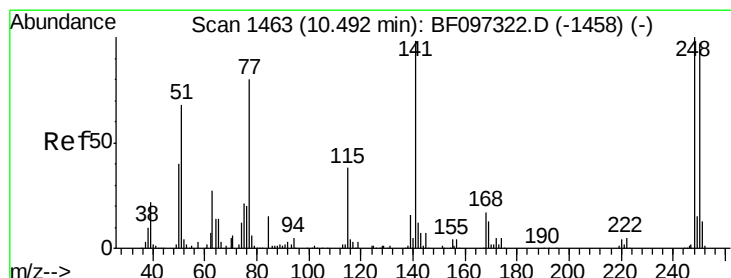
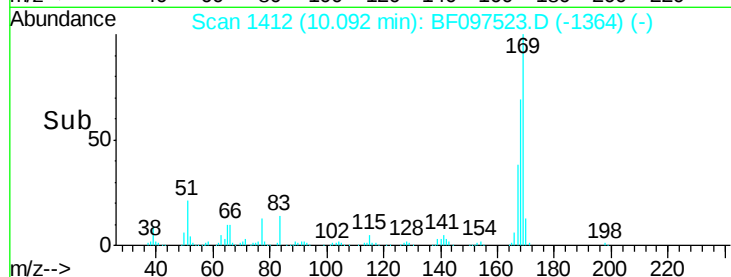
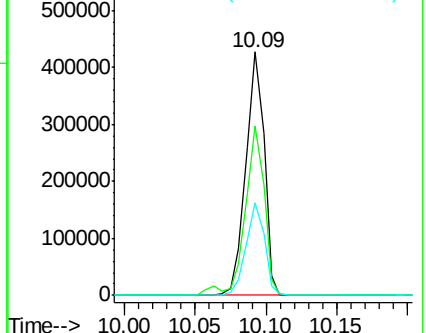
167 38.0 29.5 44.3



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: 40.69 ng

RT: 10.45 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

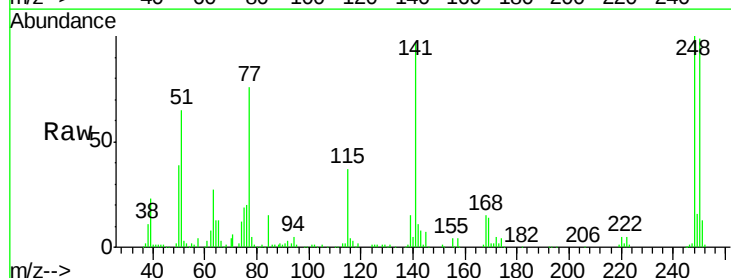
Tgt Ion:248 Resp: 110110

Ion Ratio Lower Upper

248 100

250 99.4 76.8 115.2

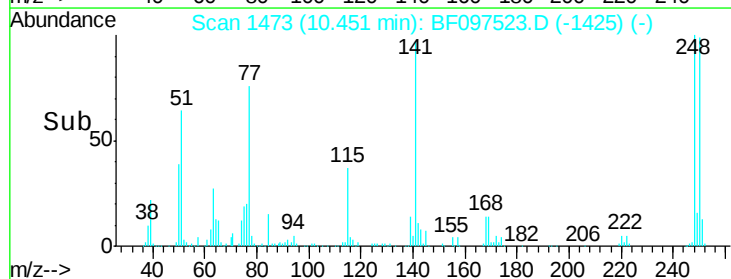
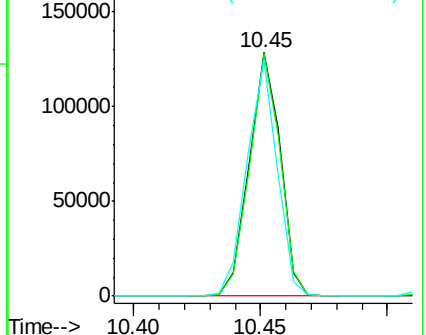
141 97.1 68.6 103.0

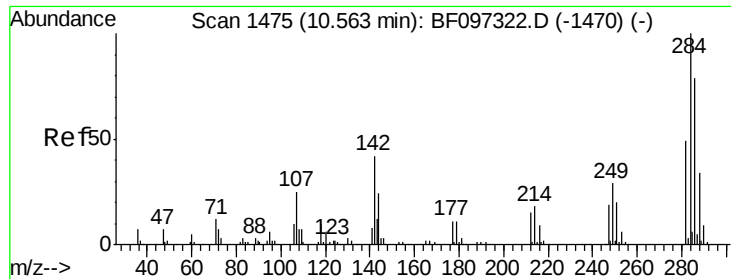


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

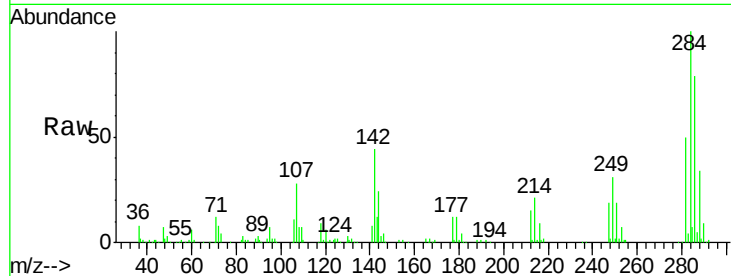




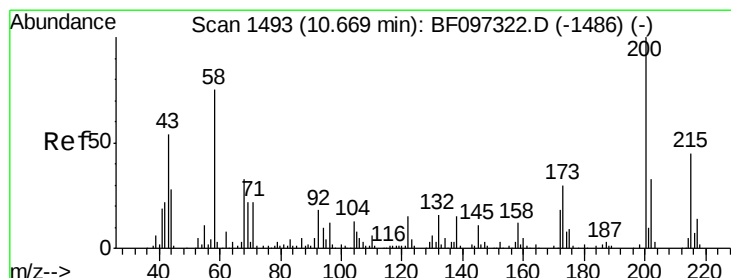
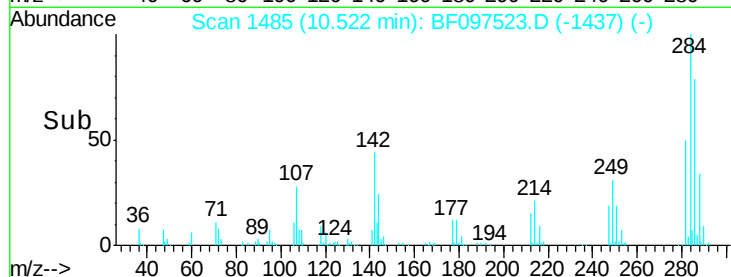
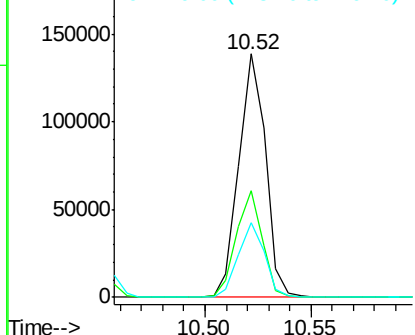
#67
Hexachlorobenzene
Concen: 40.01 ng
RT: 10.52 min Scan# 1485
Delta R.T. -0.02 min
Lab File: BF097523.D
Acq: 9 Aug 2017 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 121429
Ion Ratio Lower Upper
284 100
142 43.6 22.8 34.2#
249 30.6 24.0 36.0

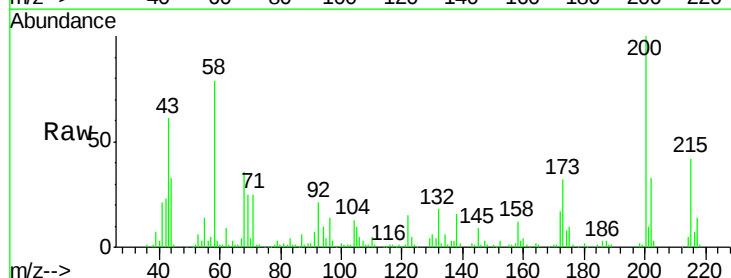


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

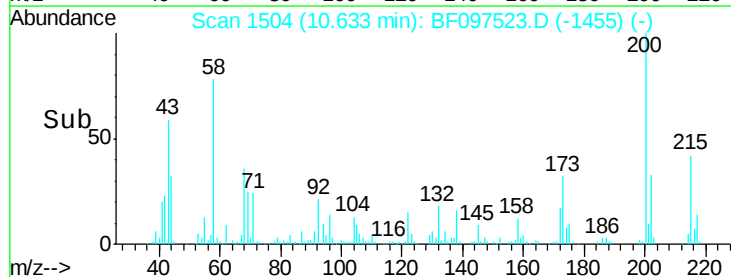
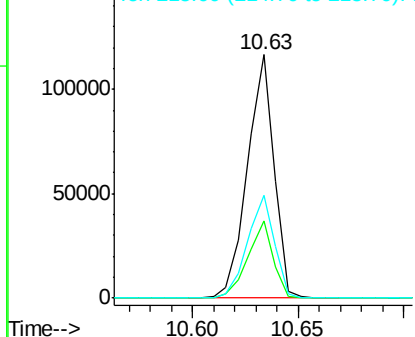


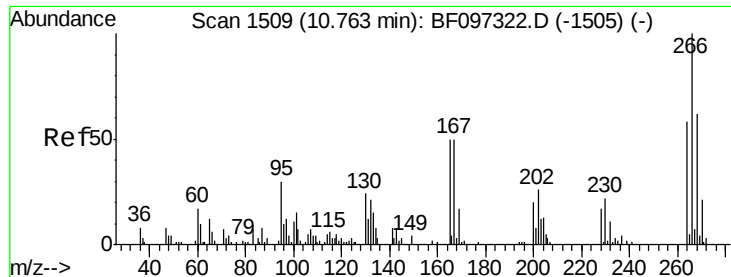
#68
Atrazine
Concen: 37.71 ng
RT: 10.63 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF097523.D
Acq: 9 Aug 2017 18:47

Tgt Ion:200 Resp: 102030
Ion Ratio Lower Upper
200 100
173 31.6 6.3 46.3
215 42.3 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

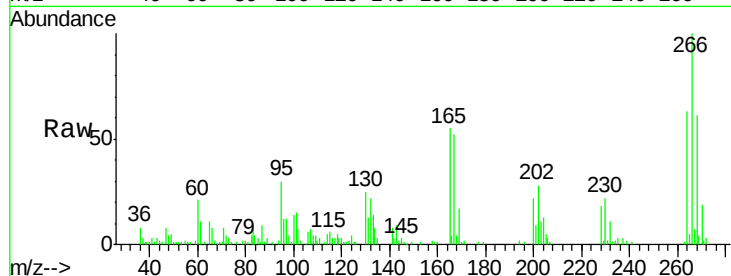




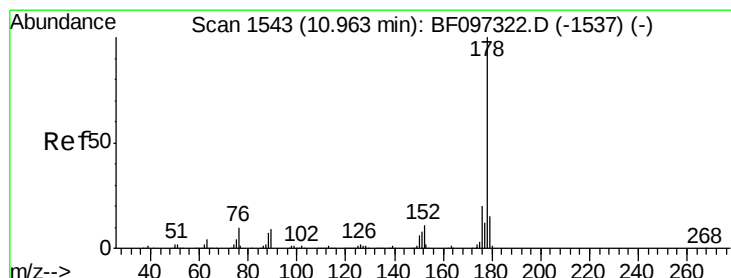
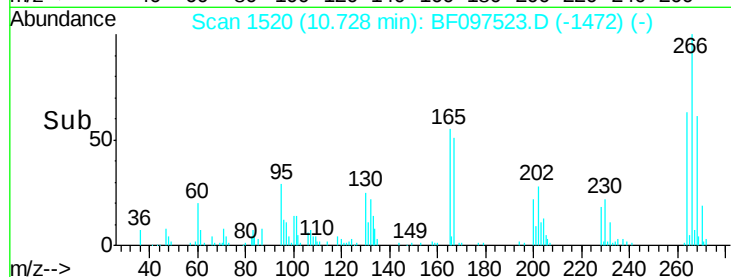
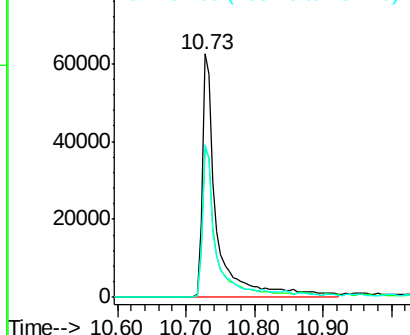
#69
 Pentachlorophenol
 Concen: 75.87 ng
 RT: 10.73 min Scan# 1520
 Delta R.T. -0.02 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:266 Resp: 95267
 Ion Ratio Lower Upper
 266 100
 268 61.0 51.1 76.7
 264 62.6 51.7 77.5

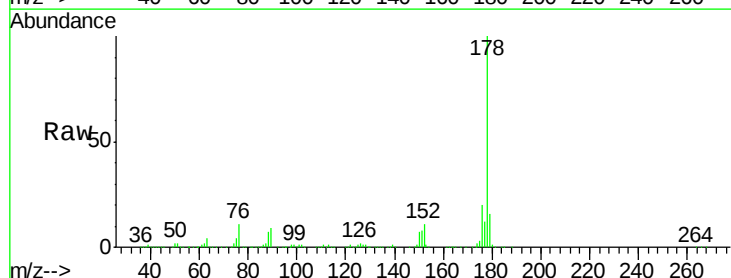


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

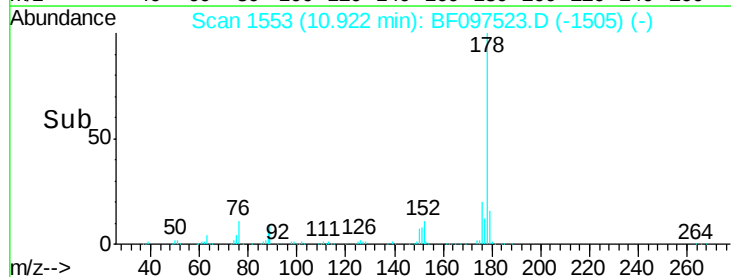
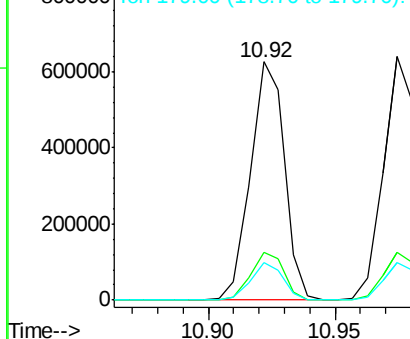


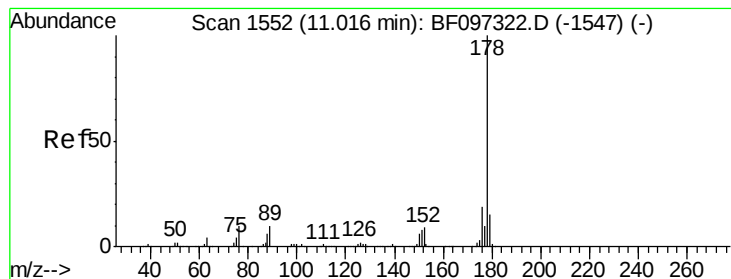
#70
 Phenanthrene
 Concen: 40.39 ng
 RT: 10.92 min Scan# 1553
 Delta R.T. -0.02 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

Tgt Ion:178 Resp: 586904
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.8 12.6 19.0



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





#71

Anthracene

Concen: 40.41 ng

RT: 10.97 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

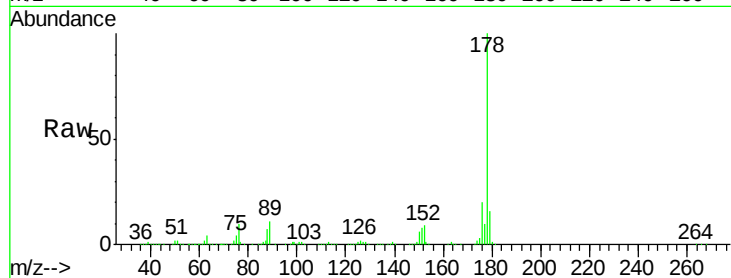
Tot Ion:178 Resp: 601441

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

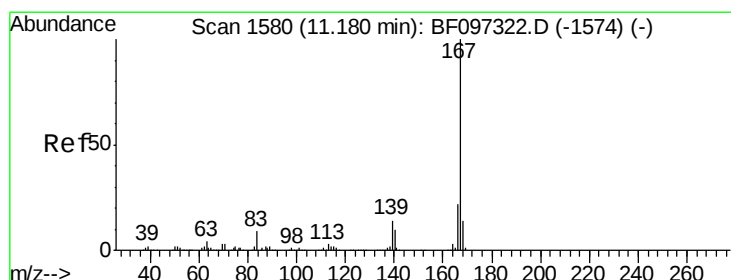
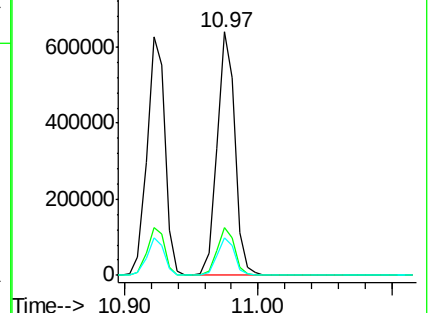
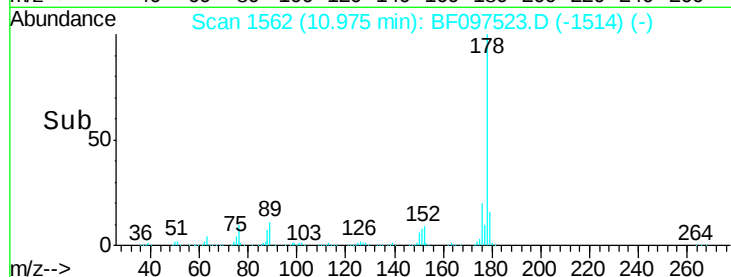
179 15.6 12.7 19.1



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: 39.82 ng

RT: 11.14 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

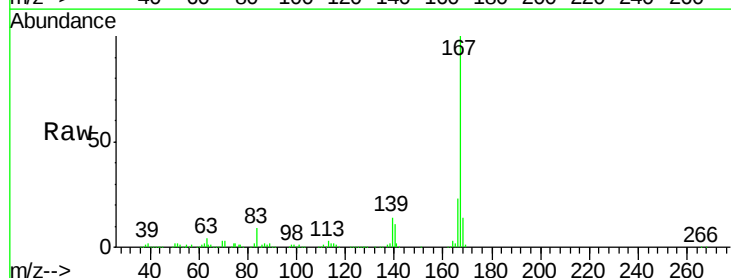
Tgt Ion:167 Resp: 582852

Ion Ratio Lower Upper

167 100

166 22.6 18.1 27.1

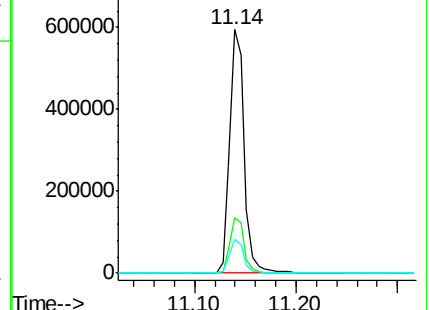
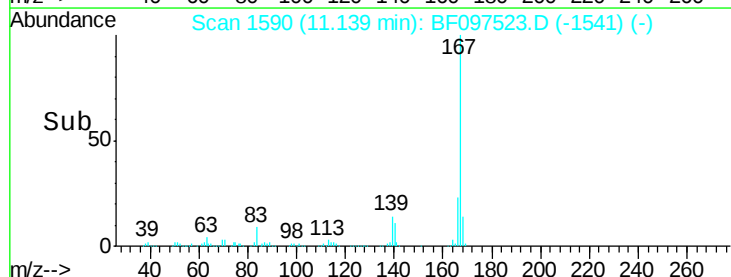
139 13.9 11.7 17.5

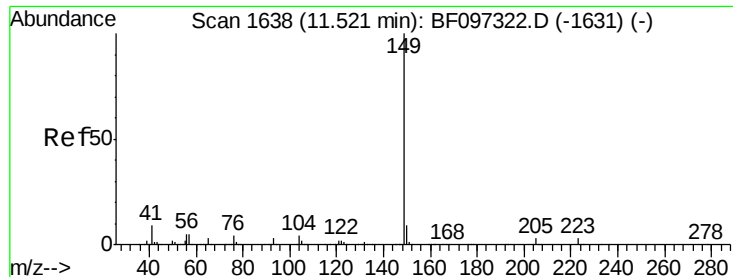


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.59 ng

RT: 11.48 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

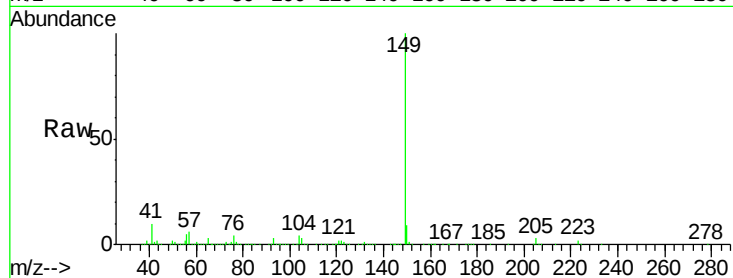
Tot Ion:149 Resp: 698081

Ion Ratio Lower Upper

149 100

150 8.8 7.7 11.5

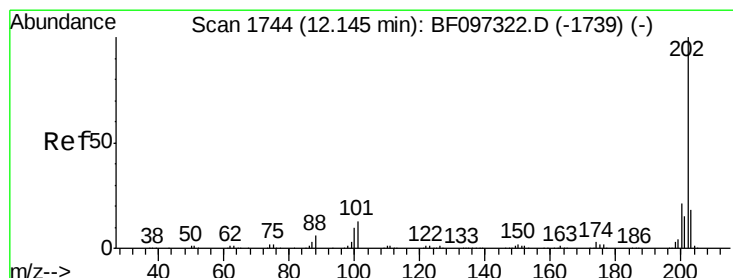
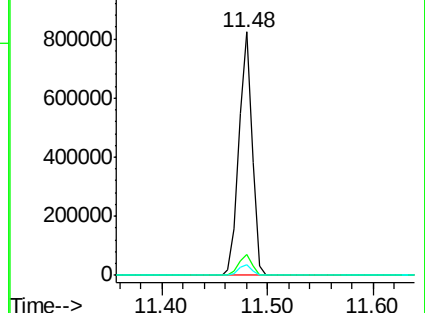
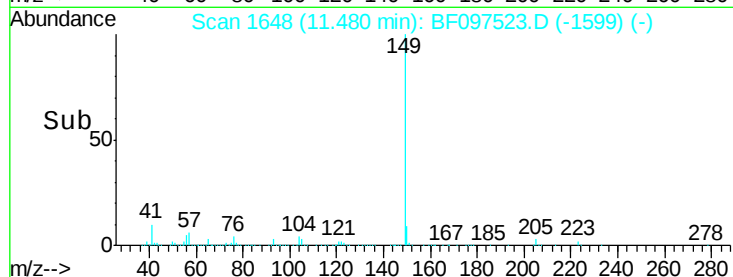
104 4.4 4.0 6.0



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: 37.62 ng

RT: 12.10 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

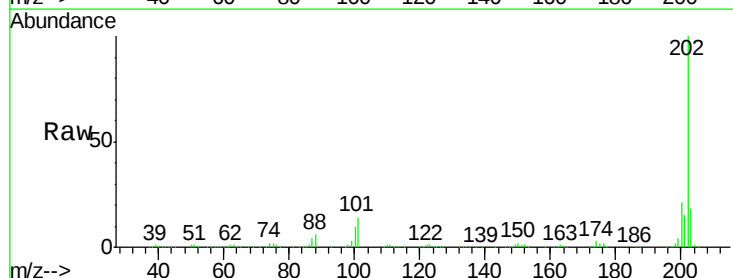
Tgt Ion:202 Resp: 535478

Ion Ratio Lower Upper

202 100

101 13.8 0.0 33.2

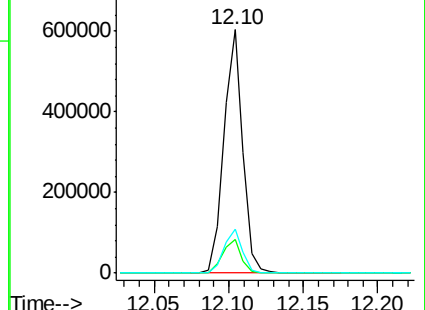
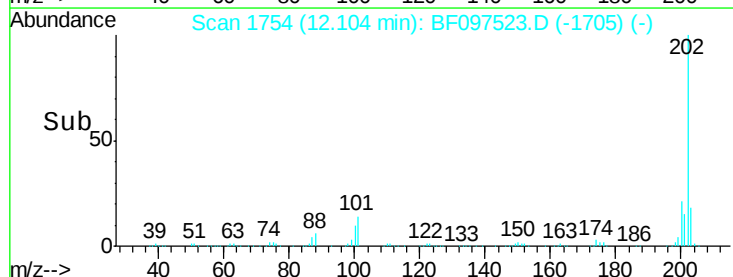
203 17.9 0.0 38.1

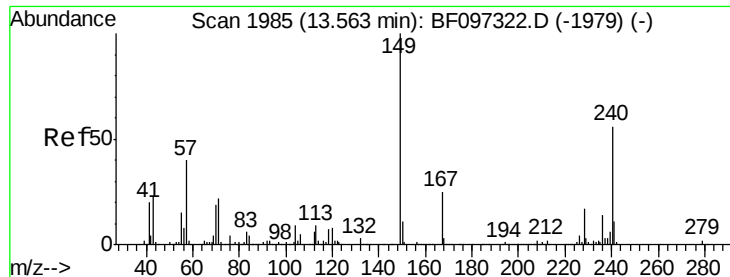


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.52 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

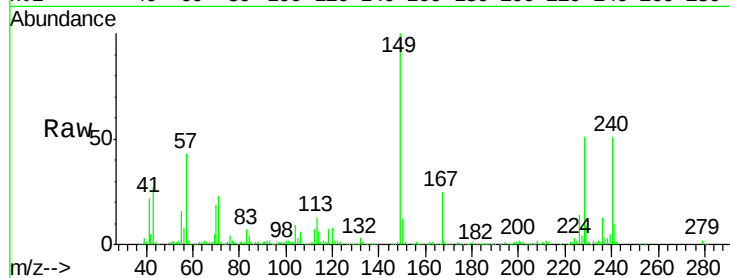
Tot Ion:240 Resp: 154190

Ion Ratio Lower Upper

240 100

120 16.1 5.8 8.8#

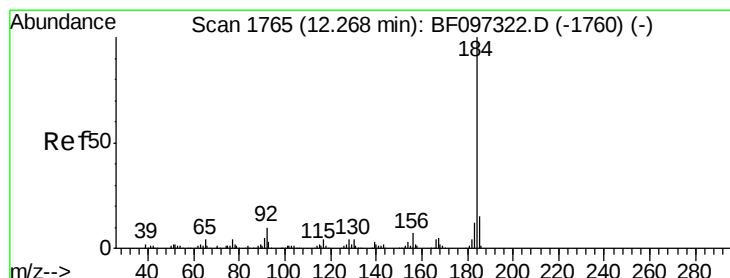
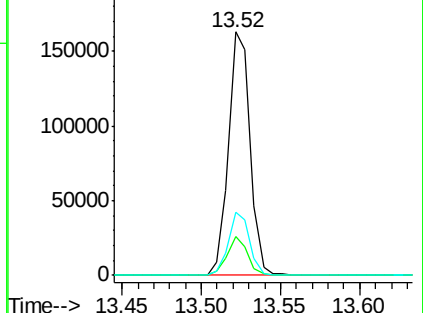
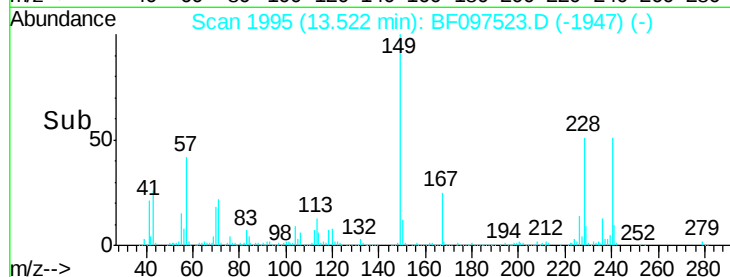
236 26.1 20.5 30.7



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: 7.62 ng

RT: 12.25 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

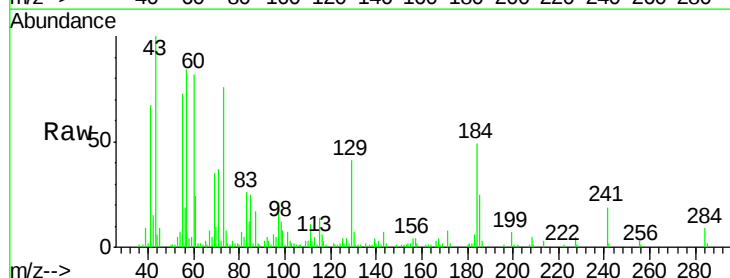
Tgt Ion:184 Resp: 43597

Ion Ratio Lower Upper

184 100

185 50.9 15.5 23.3#

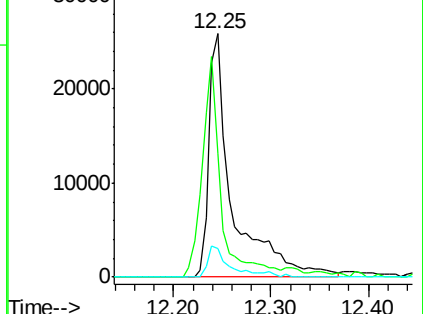
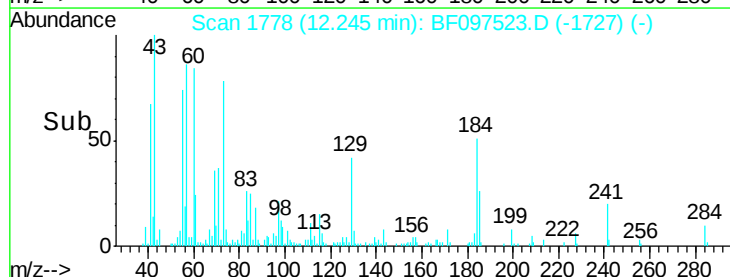
183 11.9 9.8 14.6

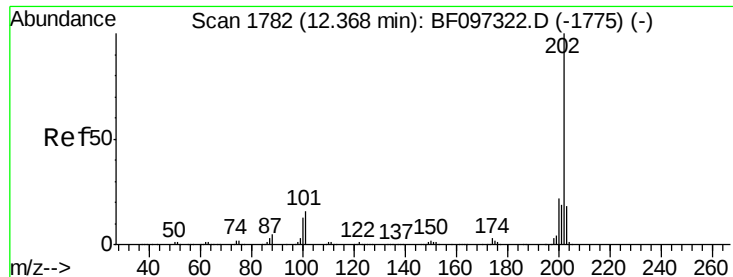


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

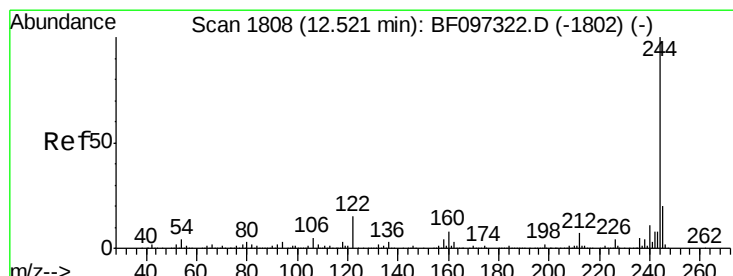
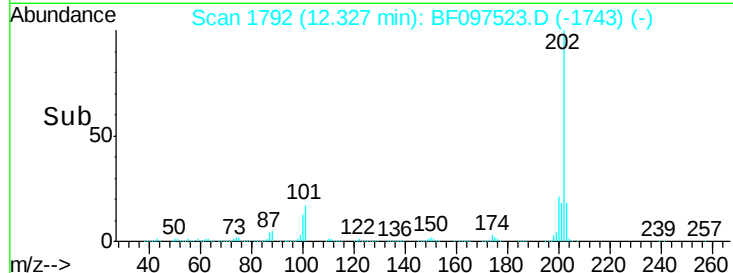
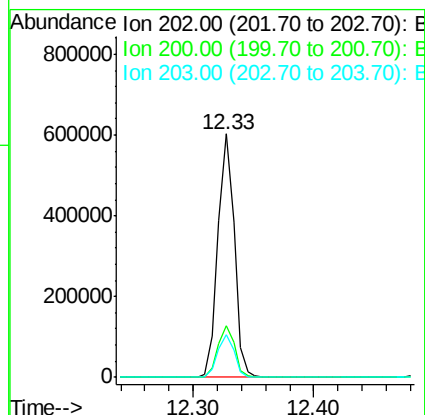
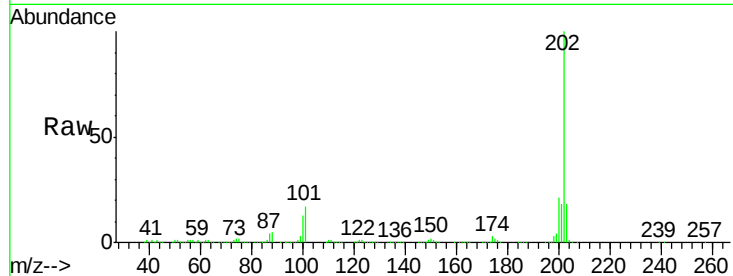




#77
Pvrene
Concen: 44.40 ng
RT: 12.33 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF097523.D
Acq: 9 Aug 2017 18:47

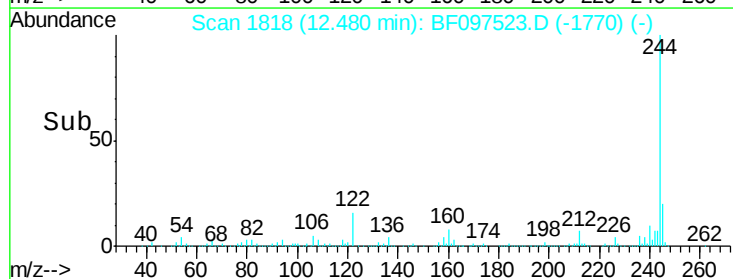
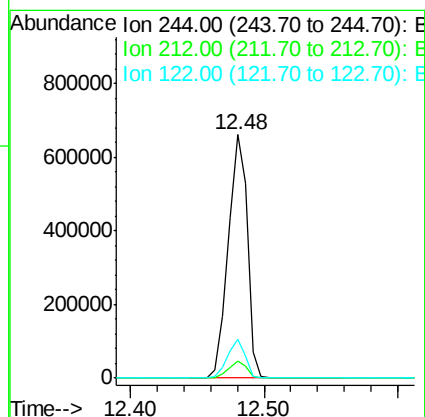
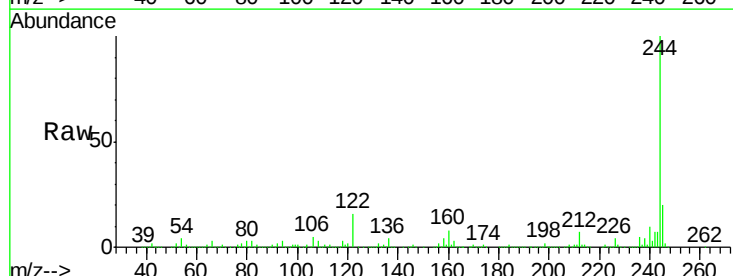
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

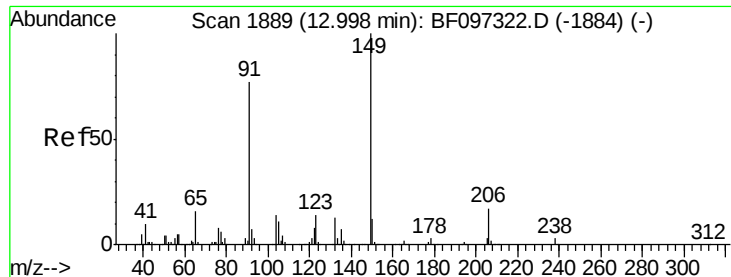
Tot Ion:202 Resp: 560451
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.5 14.4 21.6



#78
Terphenyl-d14
Concen: 88.65 ng
RT: 12.48 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF097523.D
Acq: 9 Aug 2017 18:47

Tgt Ion:244 Resp: 670441
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 15.8 10.3 15.5#

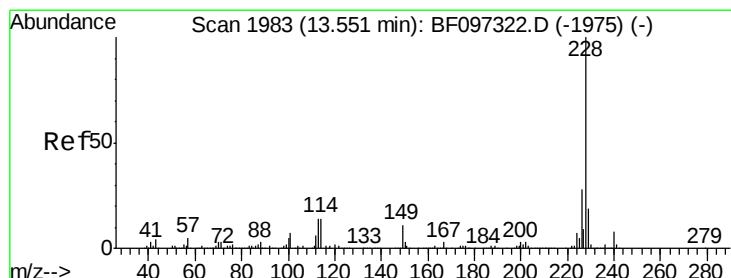
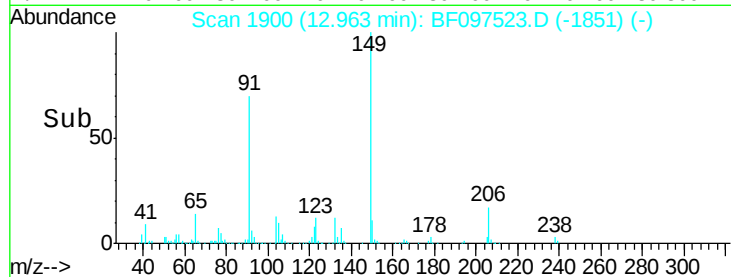
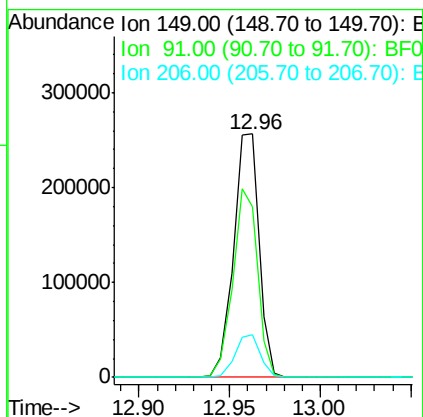
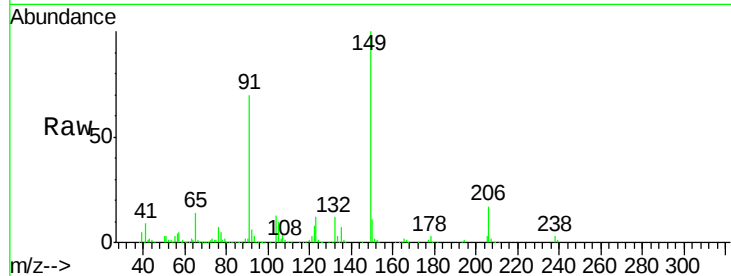




#79
Butylbenzylphthalate
Concen: 39.33 ng
RT: 12.96 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BF097523.D
Acq: 9 Aug 2017 18:47

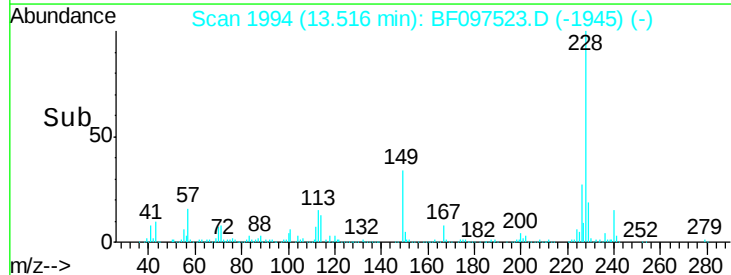
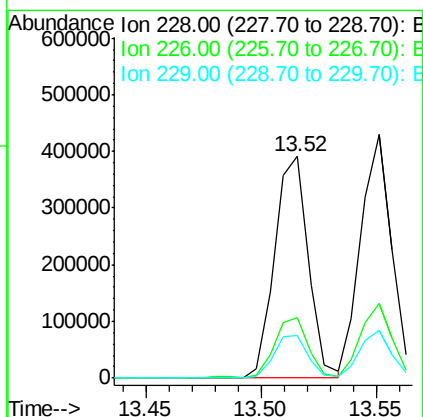
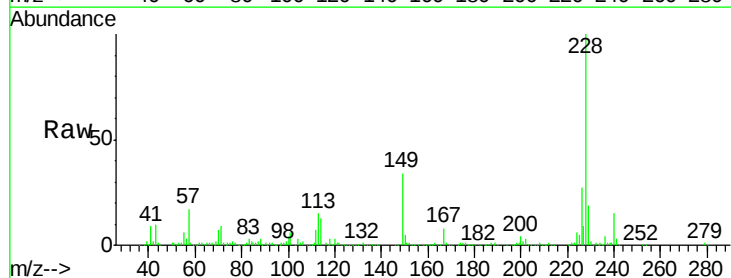
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

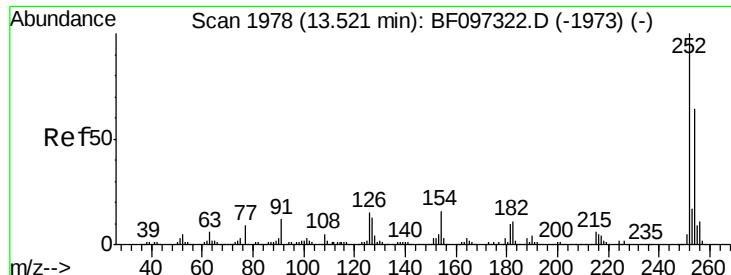
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.9	45.0	67.4#
206	17.4	17.0	25.6



#80
Benzo(a)anthracene
Concen: 39.49 ng
RT: 13.52 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF097523.D
Acq: 9 Aug 2017 18:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.4	16.3	24.5

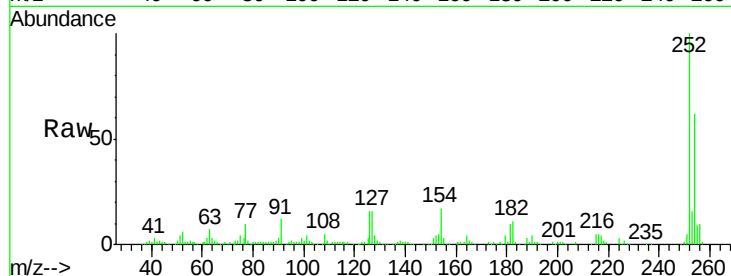




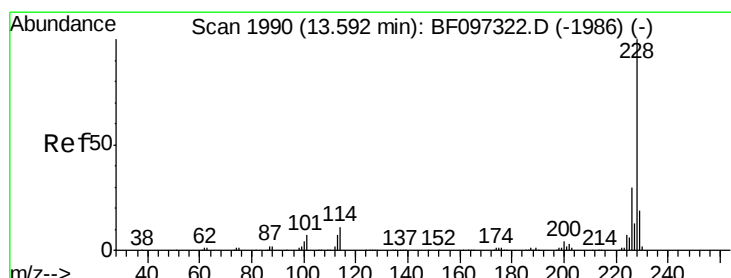
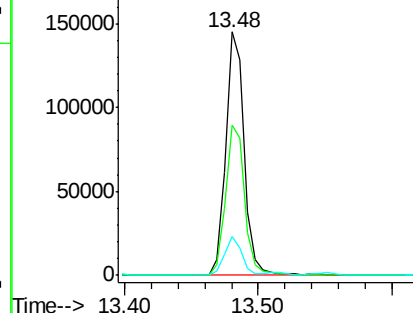
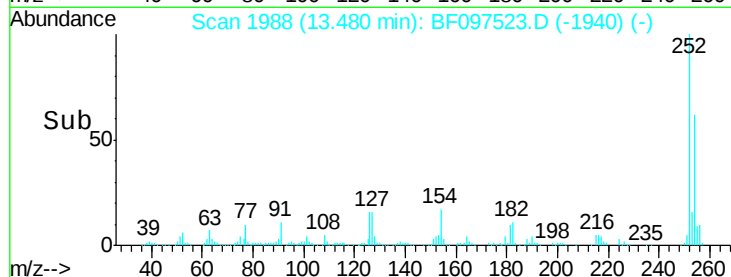
#81
 3,3'-Dichlorobenzidine
 Concen: 37.77 ng
 RT: 13.48 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.9	51.5	77.3
126	15.8	15.8	23.8#

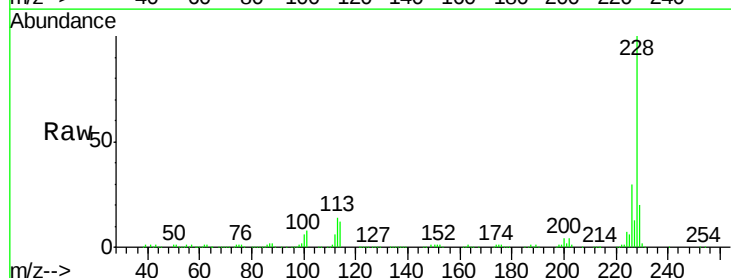


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

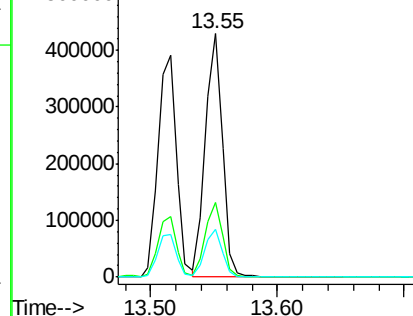
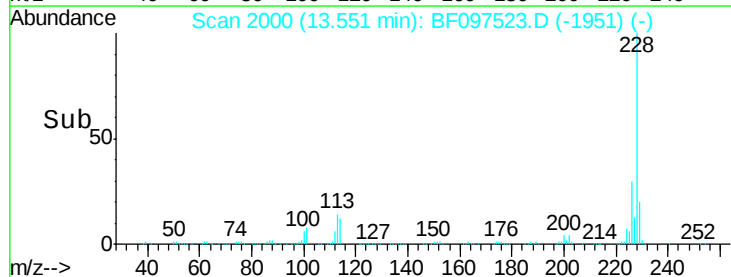


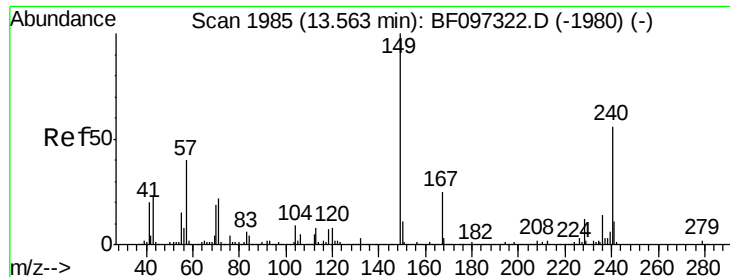
#82
 Chrysene
 Concen: 41.31 ng
 RT: 13.55 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.6	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

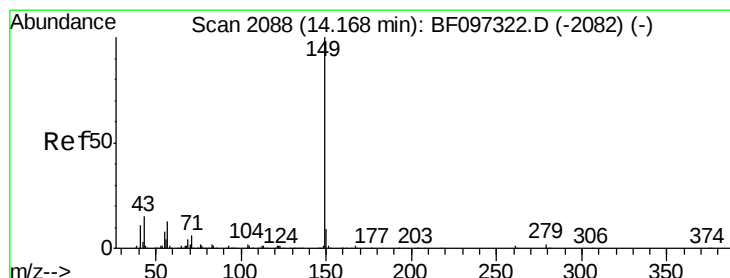
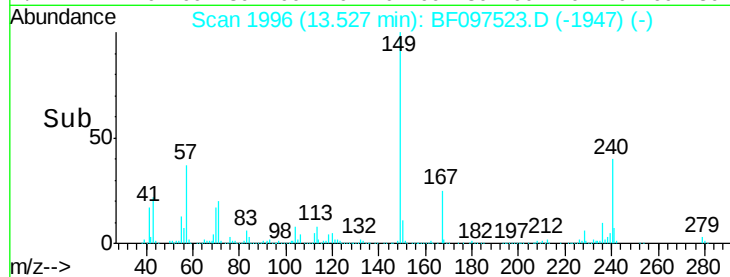
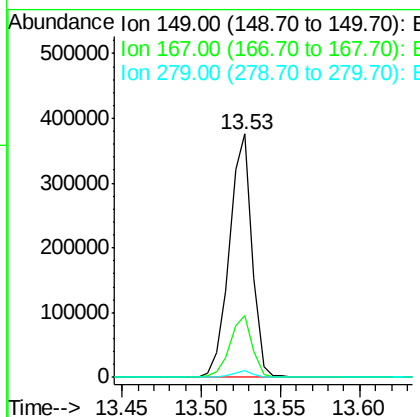
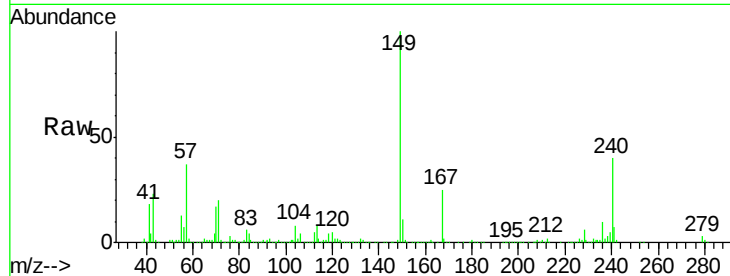




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.44 ng
 RT: 13.53 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

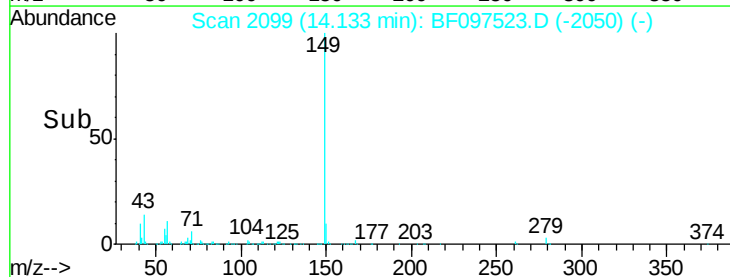
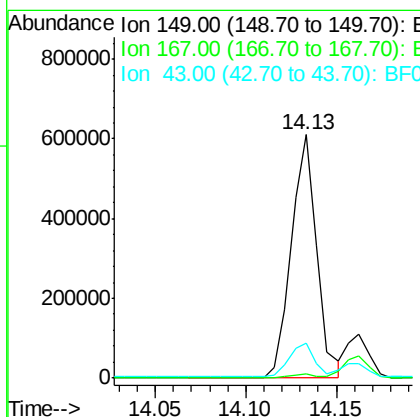
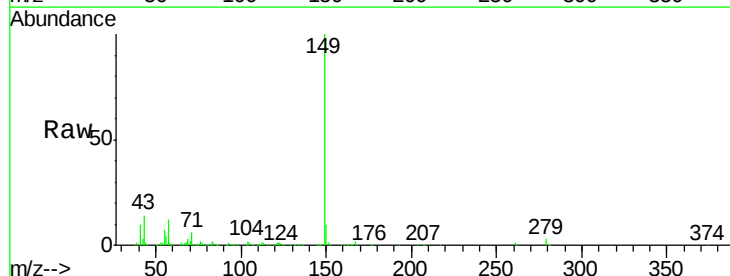
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

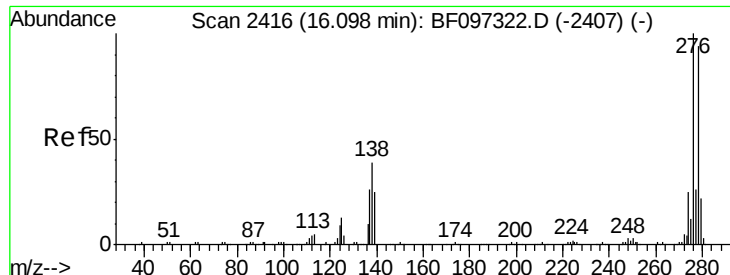
Tot Ion:149 Resp: 372580
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.0 31.4
 279 2.6 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 38.95 ng
 RT: 14.13 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

Tgt Ion:149 Resp: 599236
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 13.8 8.5 12.7#

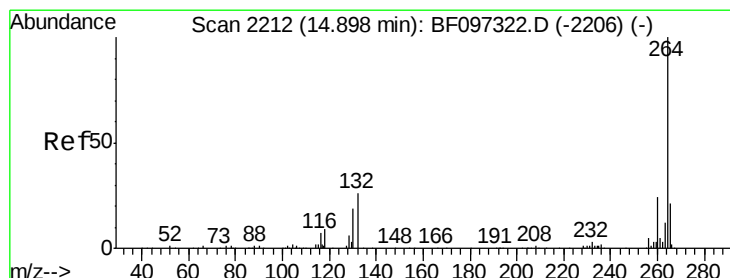
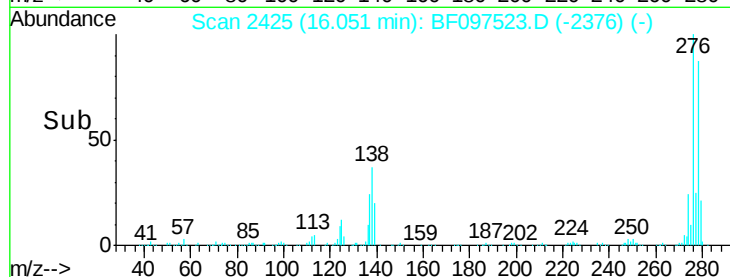
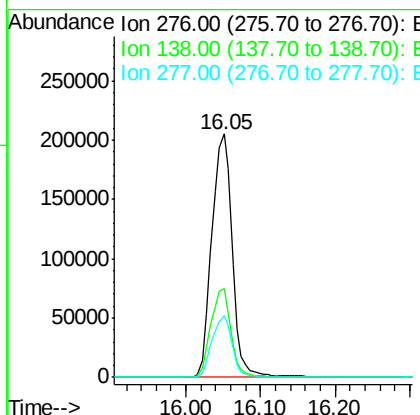
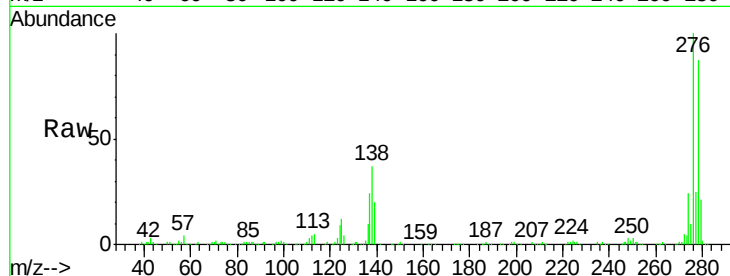




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.68 ng
 RT: 16.05 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

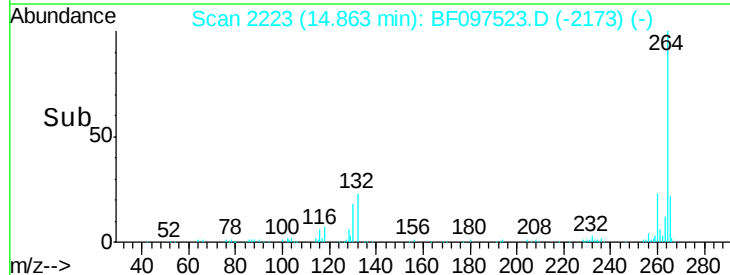
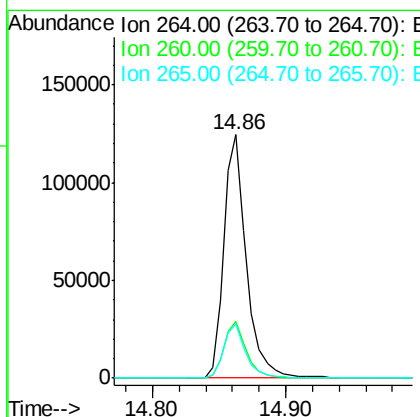
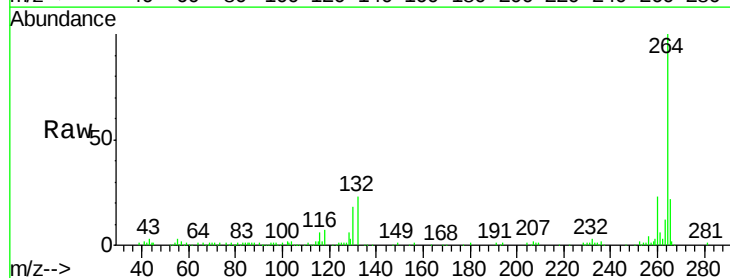
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

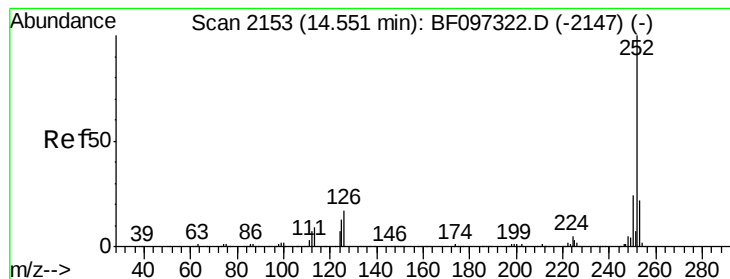
Tot Ion:276 Resp: 389952
 Ion Ratio Lower Upper
 276 100
 138 36.1 27.8 41.6
 277 24.6 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.86 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF097523.D
 Acq: 9 Aug 2017 18:47

Tgt Ion:264 Resp: 147406
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 22.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 41.01 ng

RT: 14.52 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

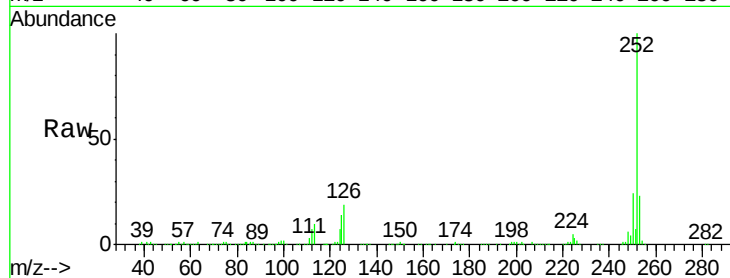
Tot Ion:252 Resp: 363414

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

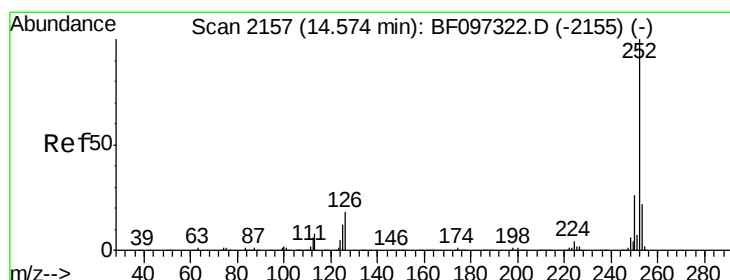
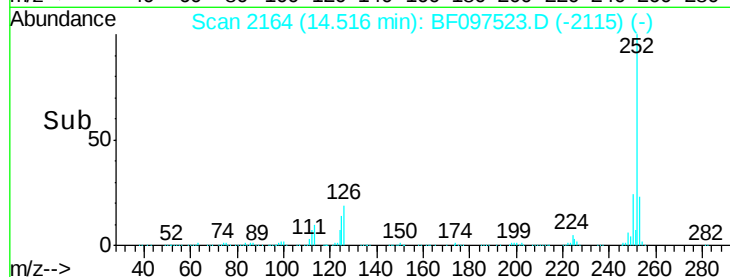
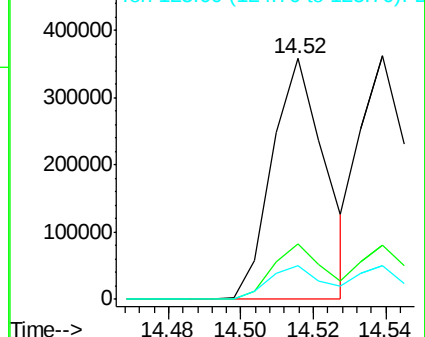
125 14.1 9.8 14.8



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: 39.96 ng

RT: 14.54 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

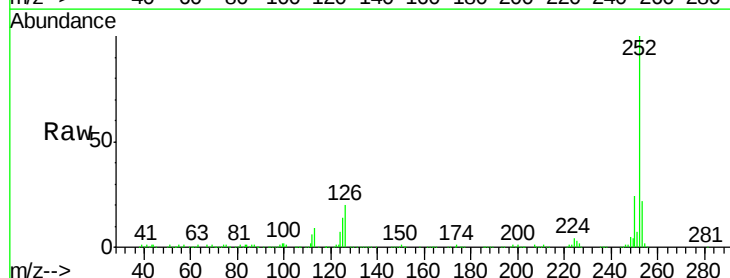
Tgt Ion:252 Resp: 337393

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

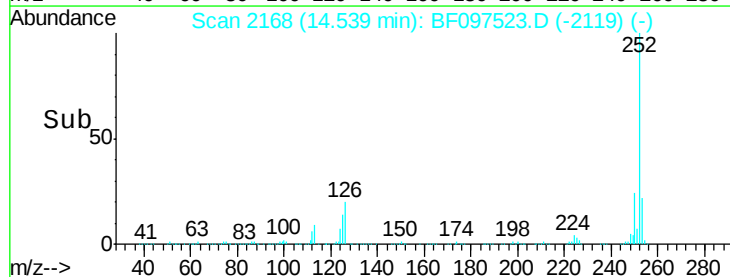
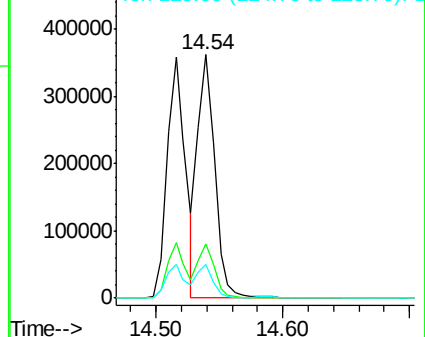
125 13.7 13.1 19.7

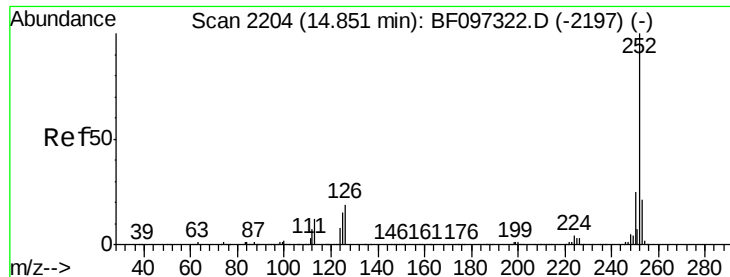


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.69 ng

RT: 14.81 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

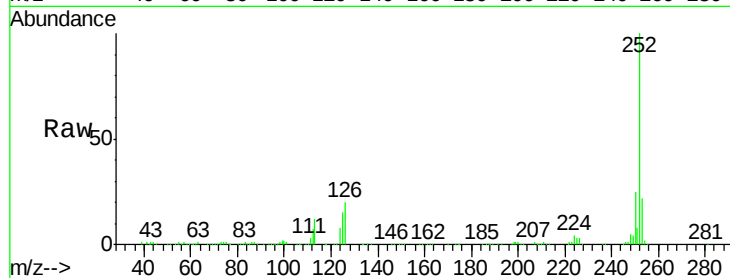
Tot Ion:252 Resp: 321913

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

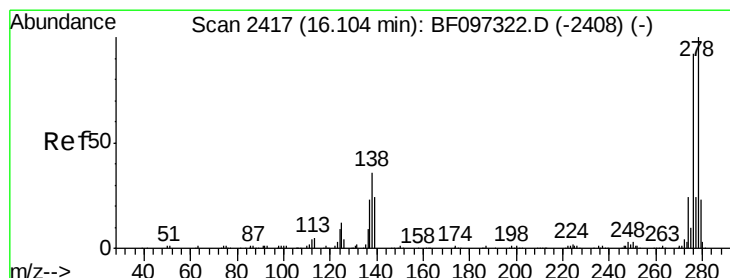
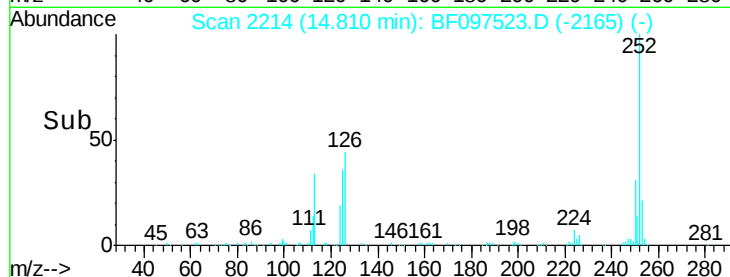
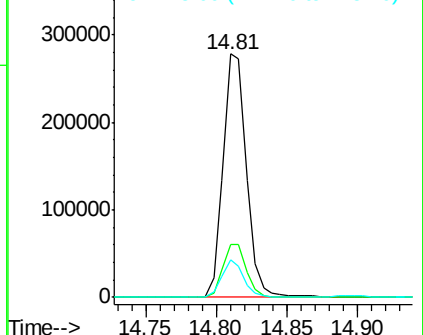
125 15.3 11.0 16.4



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: 47.22 ng

RT: 16.05 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

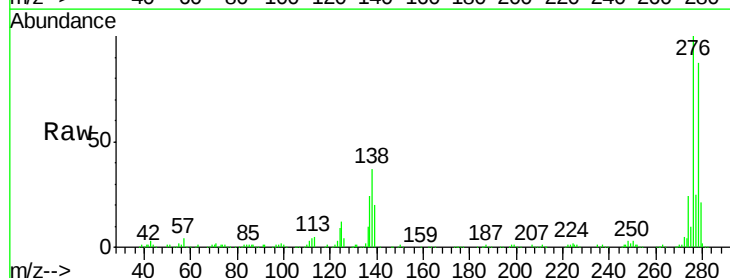
Tgt Ion:278 Resp: 314029

Ion Ratio Lower Upper

278 100

139 23.1 16.6 24.8

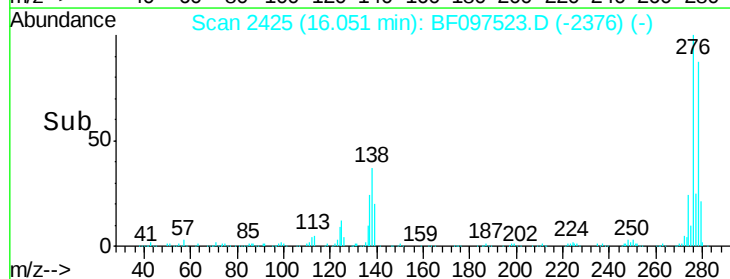
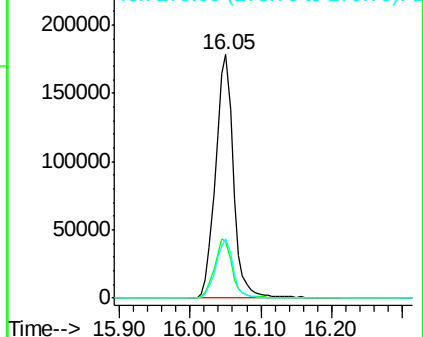
279 24.5 19.3 28.9

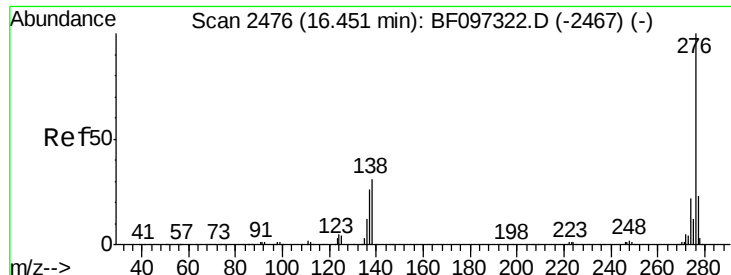


Abundance Ion 278.00 (277.70 to 278.70): E

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: 46.90 ng

RT: 16.40 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BF097523.D

Acq: 9 Aug 2017 18:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

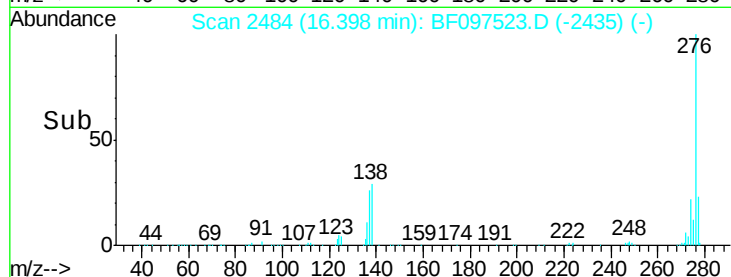
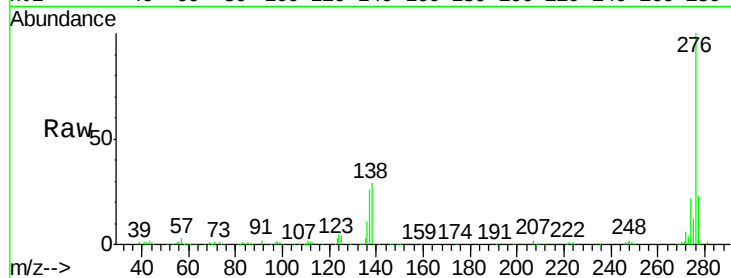
Tot Ion:276 Resp: 327086

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 28.5 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

