

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097984.D
 Acq On : 23 Aug 2017 6:04
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 23 06:41:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	118739	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	449571	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	176279	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	285300	20.00	ng	0.00
75) Chrysene-d12	13.90	240	239657	20.00	ng	0.00
86) Perylene-d12	15.32	264	185125	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	602422	77.17	ng	0.00
7) Phenol-d6	6.39	99	801694	75.59	ng	0.00
23) Nitrobenzene-d5	7.32	82	738609	89.25	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	96290	62.95	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1015102	84.60	ng	0.00
78) Terphenyl-d14	12.85	244	797732	69.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	178292	40.954	ng	88
3) Pyridine	3.13	79	452776	37.621	ng	87
4) n-Nitrosodimethylamine	3.09	42	177614	38.354	ng	80
6) Aniline	6.42	93	558678	37.495	ng	97
8) 2-Chlorophenol	6.54	128	315893	38.371	ng	99
9) Benzaldehyde	6.30	77	274241	40.821	ng	88
10) Phenol	6.40	94	471197	37.985	ng	93
11) bis(2-Chloroethyl)ether	6.49	93	378153	40.389	ng	96
12) 1,3-Dichlorobenzene	6.69	146	352577	39.815	ng	# 93
13) 1,4-Dichlorobenzene	6.77	146	358762	39.835	ng	# 92
14) 1,2-Dichlorobenzene	6.92	146	328217	39.523	ng	98
15) Benzyl Alcohol	6.90	79	297014	37.403	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	485085	38.507	ng	90
17) 2-Methylphenol	7.01	107	274467	37.832	ng	96
18) Hexachloroethane	7.26	117	116050	32.866	ng	# 81
19) n-Nitroso-di-n-propylamine	7.17	70	270216	37.216	ng	89
20) 3+4-Methylphenols	7.16	107	316757	35.747	ng	# 87
22) Acetophenone	7.16	105	460222	38.750	ng	# 91
24) Nitrobenzene	7.34	77	401659	43.590	ng	94
25) Isophorone	7.57	82	681862	39.625	ng	96
26) 2-Nitrophenol	7.65	139	84452	27.784	ng	# 76
27) 2,4-Dimethylphenol	7.69	122	278227	38.768	ng	95
28) bis(2-Chloroethoxy)methane	7.79	93	472097	41.730	ng	98
29) 2,4-Dichlorophenol	7.89	162	214782	36.053	ng	91
30) 1,2,4-Trichlorobenzene	7.98	180	267197	40.459	ng	99
31) Naphthalene	8.06	128	916956	39.288	ng	99
32) Benzoic acid	7.83	122	35115	12.224	ng	88
33) 4-Chloroaniline	8.10	127	372362	37.829	ng	98
34) Hexachlorobutadiene	8.17	225	161795	41.960	ng	98
35) Caprolactam	8.48	113	68324	33.736	ng	91
36) 4-Chloro-3-methylphenol	8.59	107	258940	33.830	ng	# 82
37) 2-Methylnaphthalene	8.75	142	550286	38.457	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	239071	44.191	ng	99
40) Hexachlorocyclopentadiene	8.90	237	9264	3.564	ng	97

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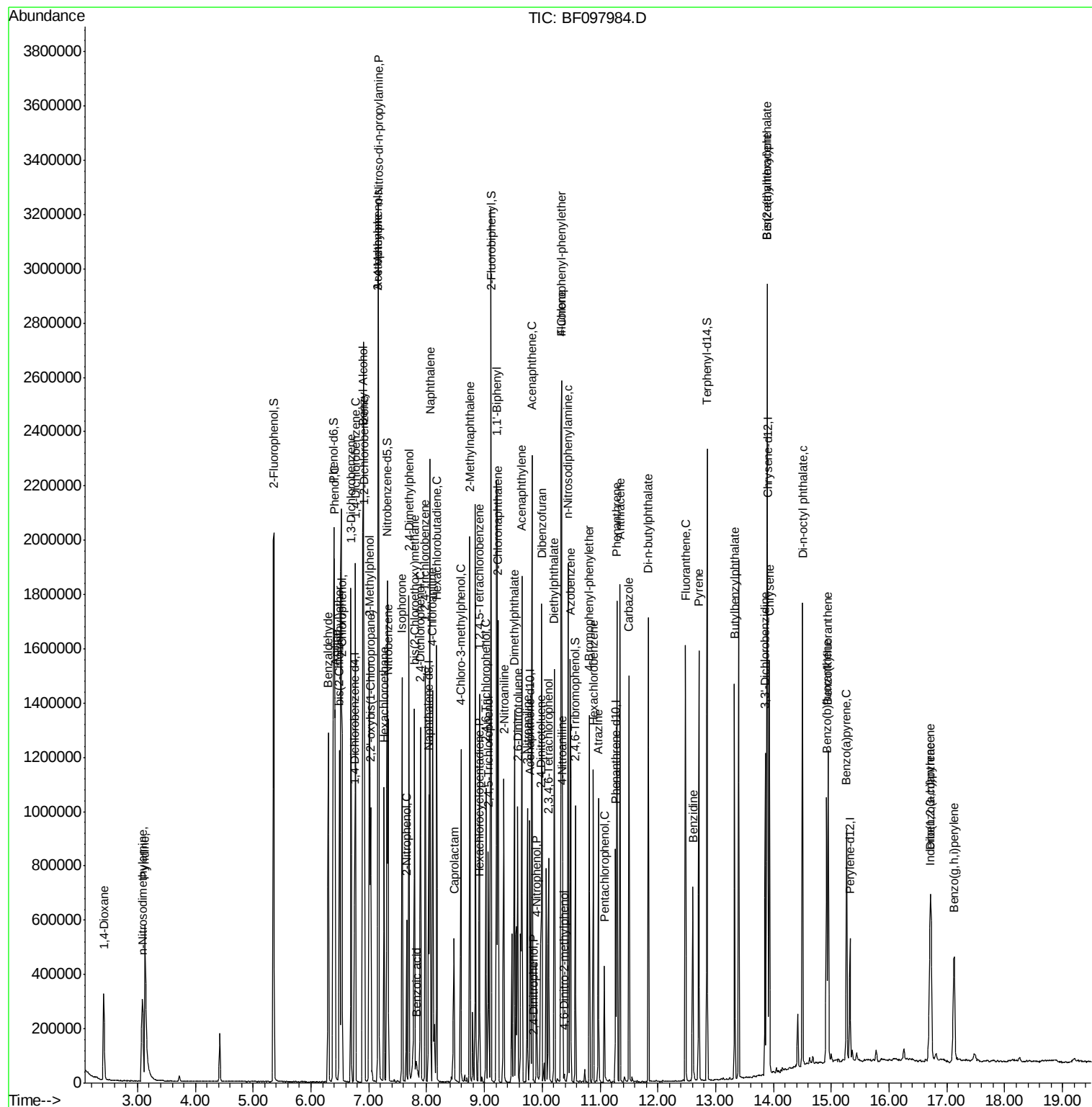
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	131174	36.115	nq	99
43) 2,4,5-Trichlorophenol	9.07	196	123224	34.197	nq	96
45) 1,1'-Biphenyl	9.22	154	691134	42.994	nq	97
46) 2-Chloronaphthalene	9.24	162	492017	41.425	nq	94
47) 2-Nitroaniline	9.33	65	189716	47.646	nq	95
48) Acenaphthylene	9.65	152	740296	39.690	nq	99
49) Dimethylphthalate	9.52	163	568317	44.105	nq	98
50) 2,6-Dinitrotoluene	9.57	165	98483	38.290	nq #	55
51) Acenaphthene	9.82	154	441343	37.518	nq	98
52) 3-Nitroaniline	9.75	138	147312	44.392	nq	91
53) 2,4-Dinitrophenol	9.85	184	555	10.538	nq #	78
54) Dibenzofuran	9.99	168	600570	38.094	nq	100
55) 4-Nitrophenol	9.90	139	60568	22.880	nq #	31
56) 2,4-Dinitrotoluene	9.97	165	113605	35.195	nq #	49
57) Fluorene	10.33	166	459199	37.673	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.11	232	84041	30.125	nq	95
59) Diethylphthalate	10.21	149	574485	42.634	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	229557	40.538	nq	88
61) 4-Nitroaniline	10.35	138	134372	42.604	nq #	69
62) Azobenzene	10.49	77	596856	37.289	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	2074	9.596	nq	98
65) n-Nitrosodiphenylamine	10.45	169	428180	44.073	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	131749	44.470	nq	98
67) Hexachlorobenzene	10.88	284	122523	40.574	nq #	84
68) Atrazine	10.97	200	102052	39.609	nq	98
69) Pentachlorophenol	11.07	266	40538	23.024	nq	98
70) Phenanthrene	11.29	178	598181	39.347	nq	99
71) Anthracene	11.35	178	610738	39.608	nq	99
72) Carbazole	11.50	167	568305	38.828	nq	98
73) Di-n-butylphthalate	11.83	149	803019	47.631	nq	99
74) Fluoranthene	12.48	202	635242	40.032	nq	98
76) Benzidine	12.60	184	262298	33.381	nq #	93
77) Pyrene	12.71	202	666120	33.984	nq	98
79) Butylbenzylphthalate	13.33	149	317151	42.202	nq #	70
80) Benzo(a)anthracene	13.89	228	538736	37.507	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	219359	45.258	nq #	95
82) Chrysene	13.93	228	550793	38.548	nq	100
83) Bis(2-ethylhexyl)phthalate	13.89	149	421915	50.665	nq #	100
84) Di-n-octyl phthalate	14.50	149	832037	57.423	nq	99
85) Indeno(1,2,3-cd)pyrene	16.70	276	359449	34.197	nq	94
87) Benzo(b)fluoranthene	14.92	252	491015	42.079	nq	97
88) Benzo(k)fluoranthene	14.94	252	442412	40.355	nq #	95
89) Benzo(a)pyrene	15.27	252	416130	40.283	nq #	96
90) Dibenzo(a,h)anthracene	16.72	278	310402	36.909	nq	99
91) Benzo(g,h,i)perylene	17.13	276	302818	34.508	nq #	91

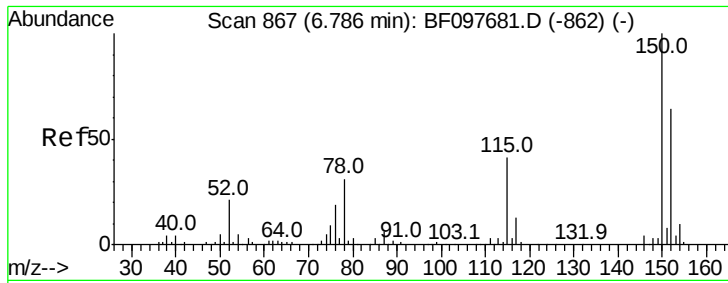
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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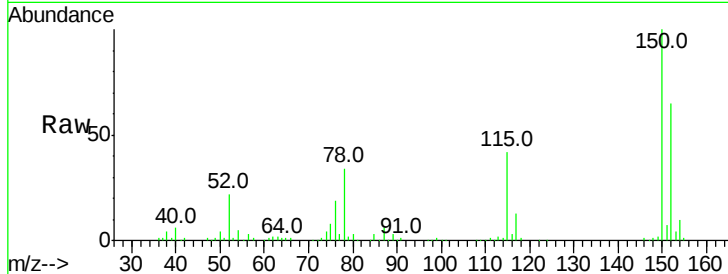


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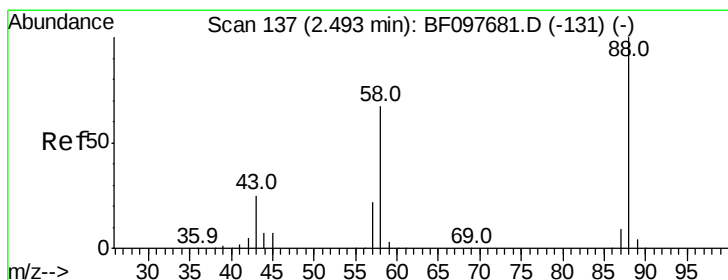
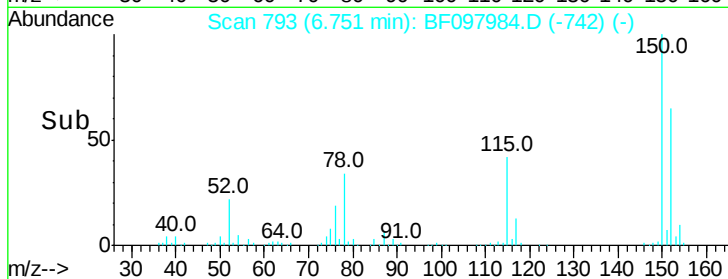
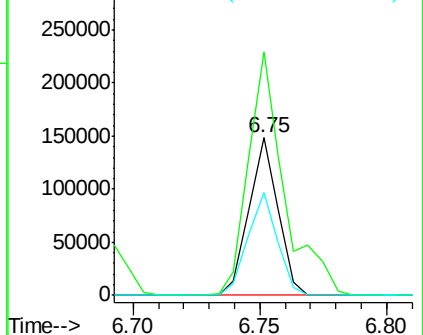
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 118739
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 64.8 52.2 78.2



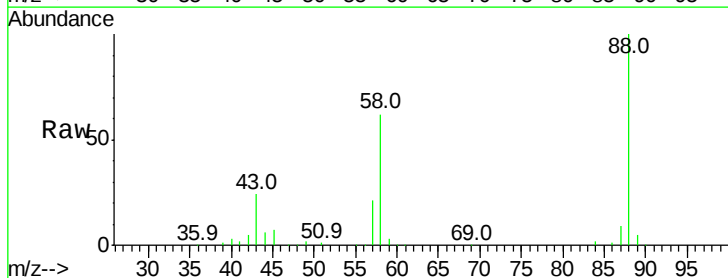
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



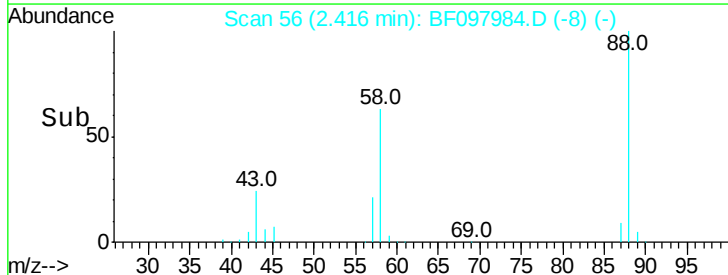
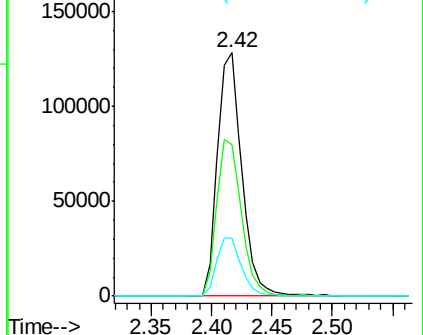
#2

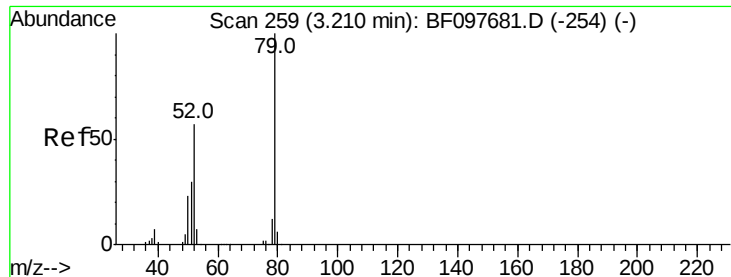
1,4-Dioxane
Concen: 40.954 ng
RT: 2.42 min Scan# 56
Delta R.T. -0.02 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

Tgt Ion: 88 Resp: 178292
Ion Ratio Lower Upper
88 100
58 64.9 61.4 92.0
43 24.4 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: 37.621 ng

RT: 3.13 min Scan# 177

Delta R.T. -0.01 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

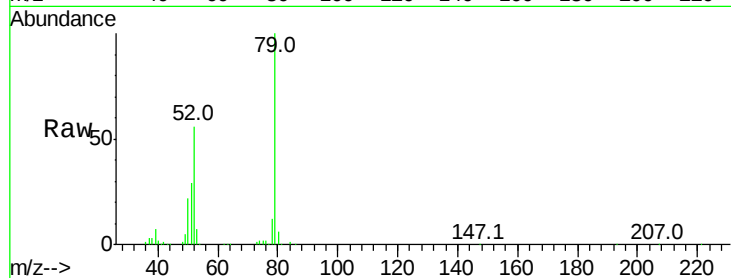
Tot Ion: 79 Resp: 452776

Ion Ratio Lower Upper

79 100

52 56.5 54.8 82.2

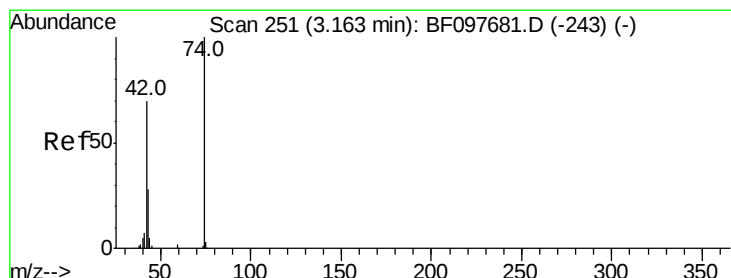
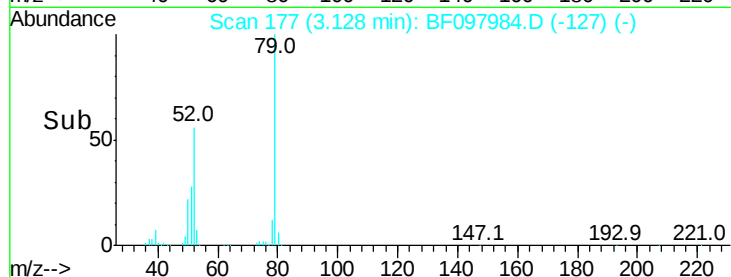
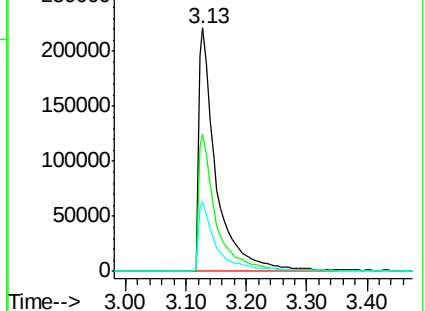
51 28.8 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.354 ng

RT: 3.09 min Scan# 170

Delta R.T. -0.02 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

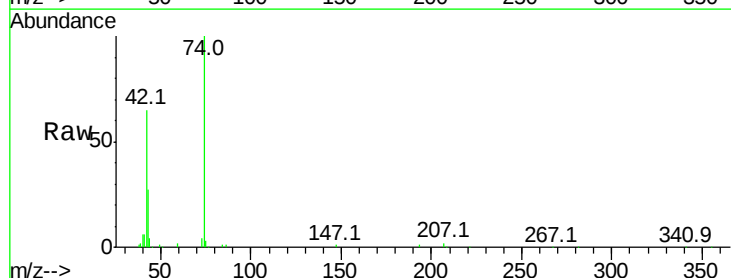
Tgt Ion: 42 Resp: 177614

Ion Ratio Lower Upper

42 100

74 154.7 103.9 155.9

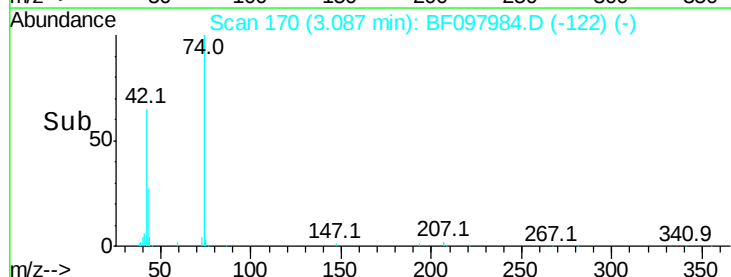
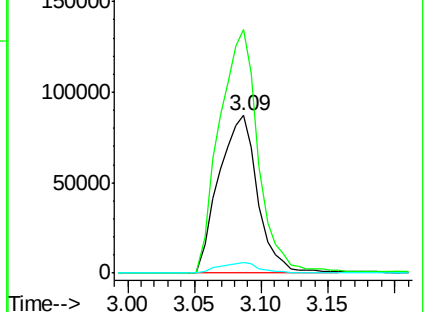
44 6.9 5.7 8.5

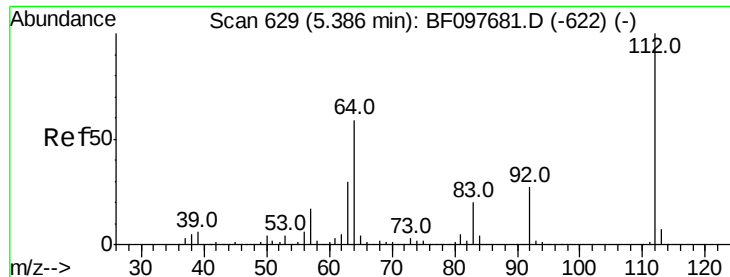


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 77.172 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF097984.D

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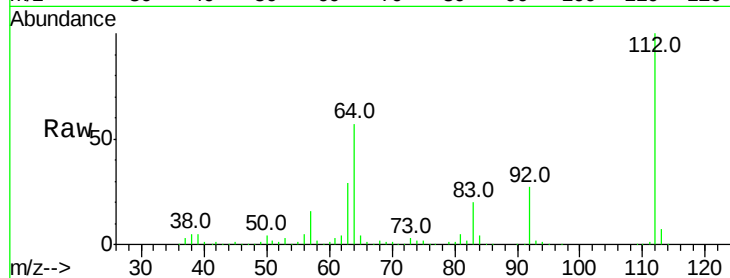
Tot Ion:112 Resp: 602422

Ion Ratio Lower Upper

112 100

64 56.9 46.0 69.0

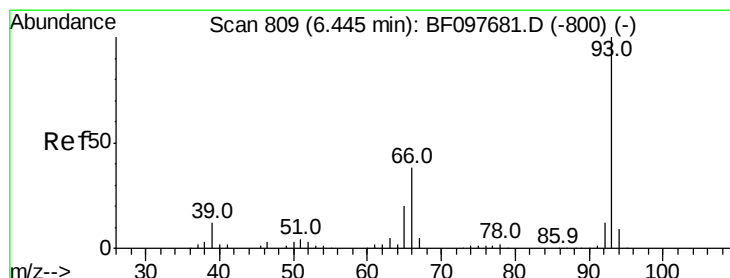
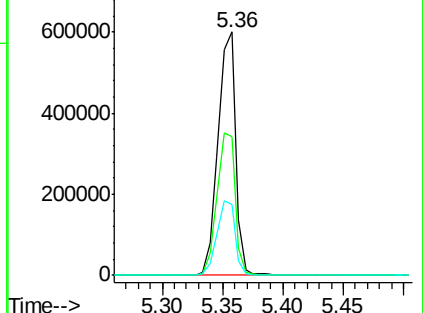
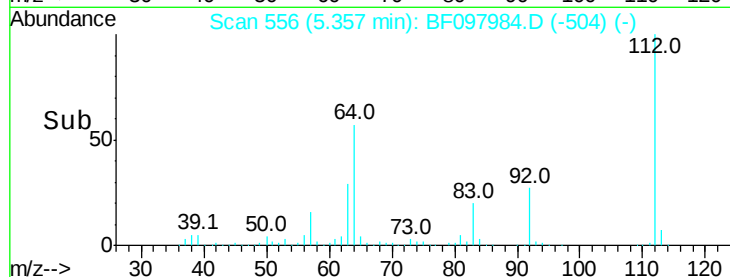
63 29.2 23.4 35.0



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: 37.495 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

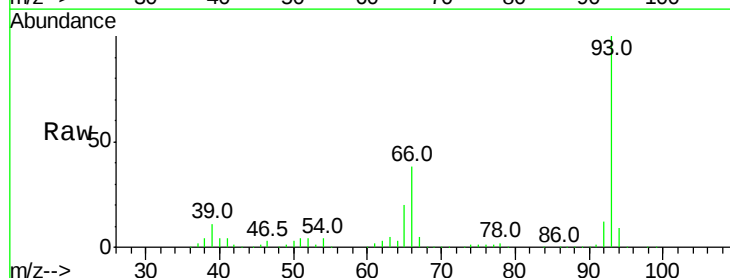
Tgt Ion: 93 Resp: 558678

Ion Ratio Lower Upper

93 100

66 38.5 32.9 49.3

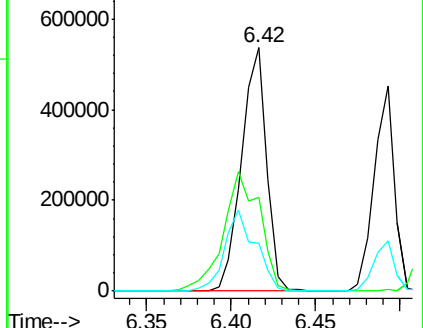
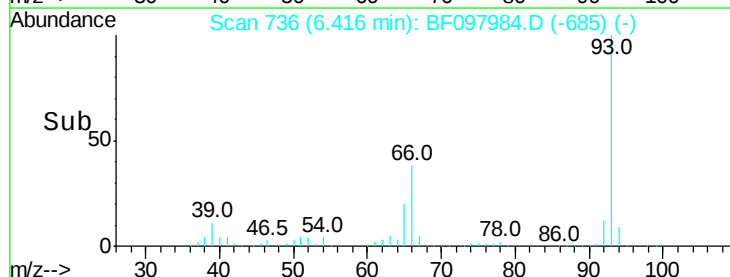
65 19.6 16.0 24.0

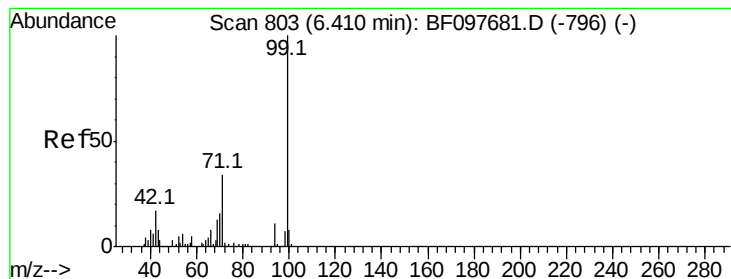


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.585 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

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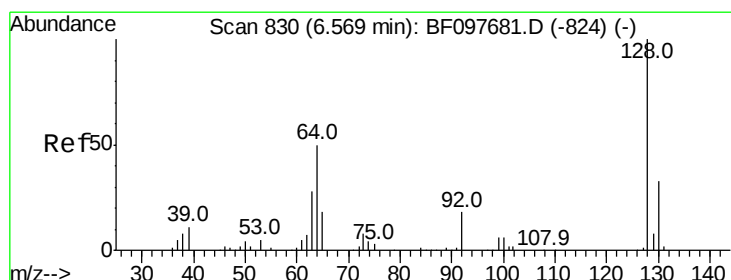
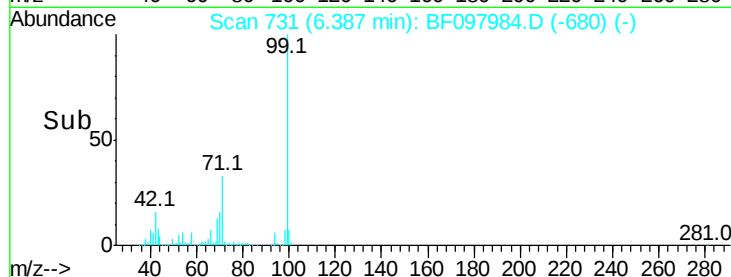
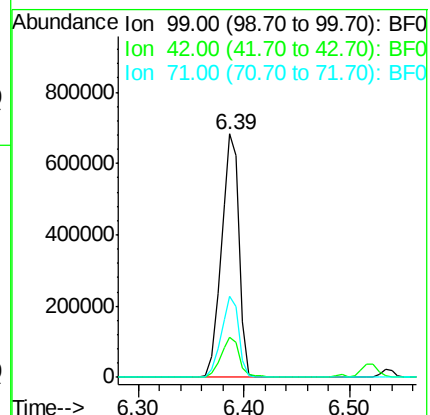
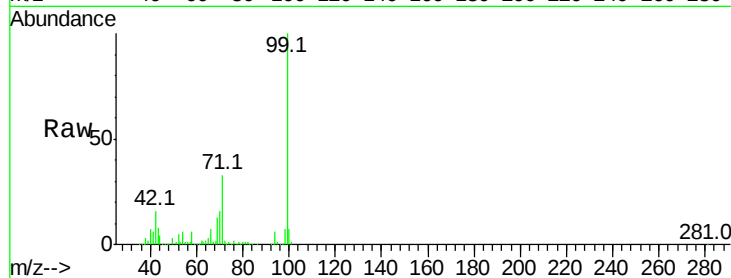
Tot Ion: 99 Resp: 801694

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

71 33.1 24.5 36.7



#8

2-Chlorophenol

Concen: 38.371 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

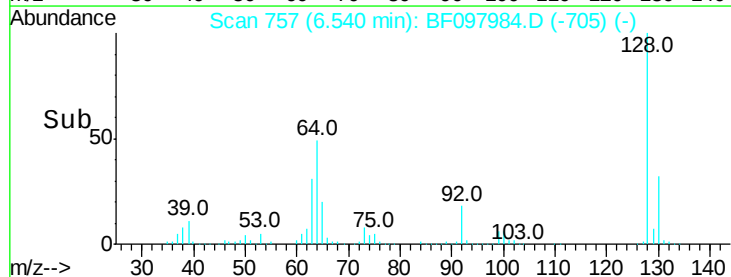
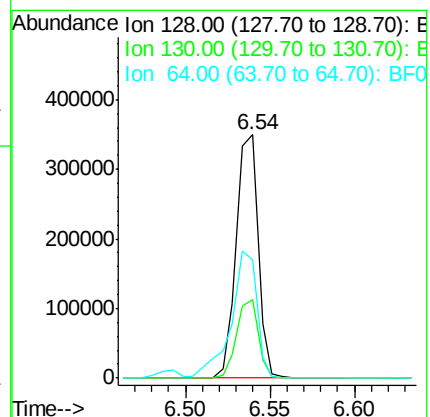
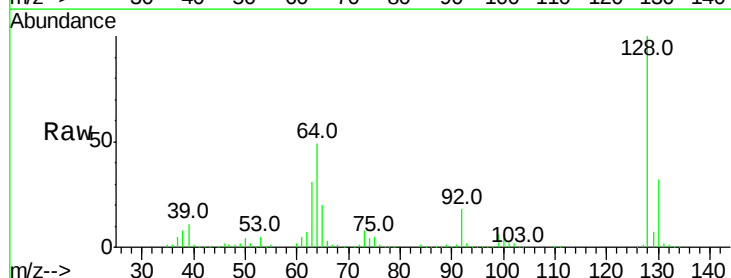
Tgt Ion: 128 Resp: 315893

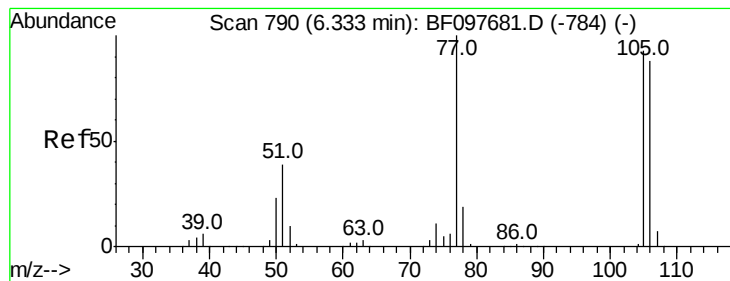
Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

64 48.7 28.4 68.4





#9

Benzaldehyde

Concen: 40.821 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.00 min

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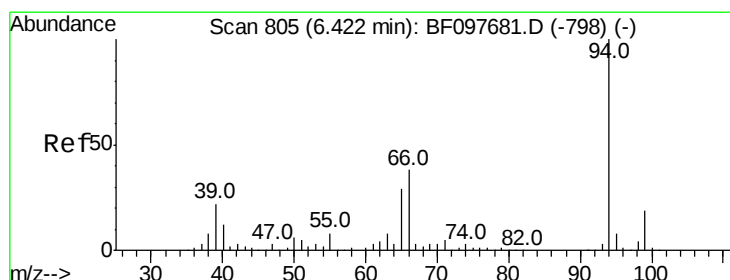
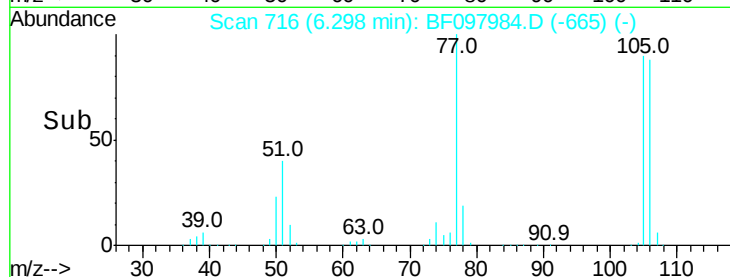
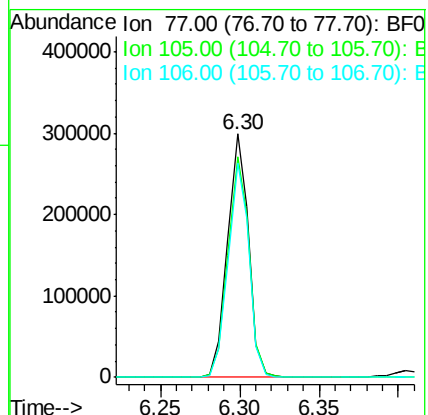
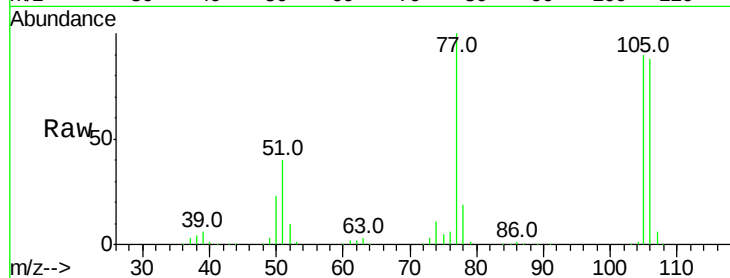
Tot Ion: 77 Resp: 274241

Ion Ratio Lower Upper

77 100

105 90.4 83.8 123.8

106 88.1 79.1 119.1



#10

Phenol

Concen: 37.985 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

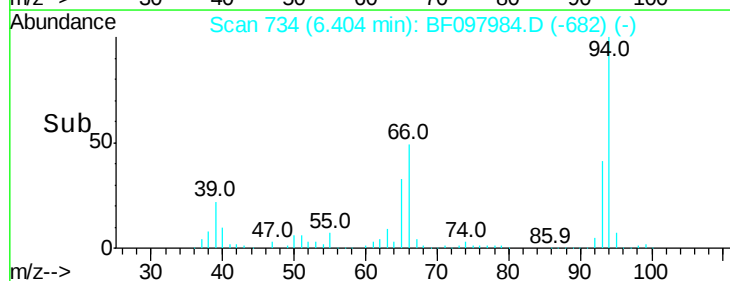
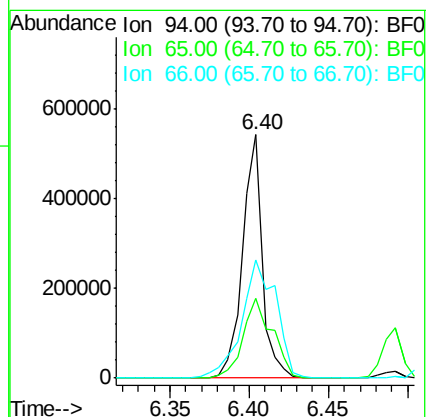
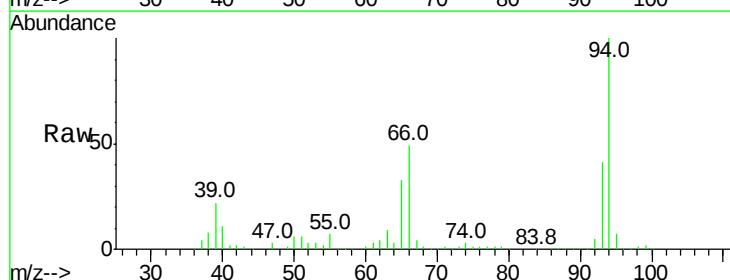
Tgt Ion: 94 Resp: 471197

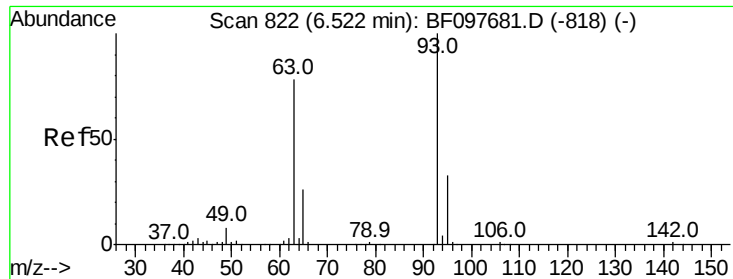
Ion Ratio Lower Upper

94 100

65 32.7 9.9 49.9

66 48.5 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 40.389 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

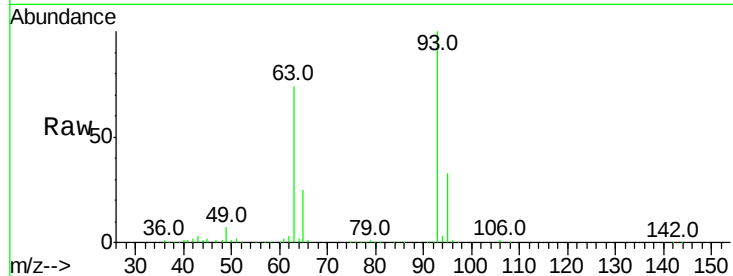
Tot Ion: 93 Resp: 378153

Ion Ratio Lower Upper

93 100

63 73.8 59.2 99.2

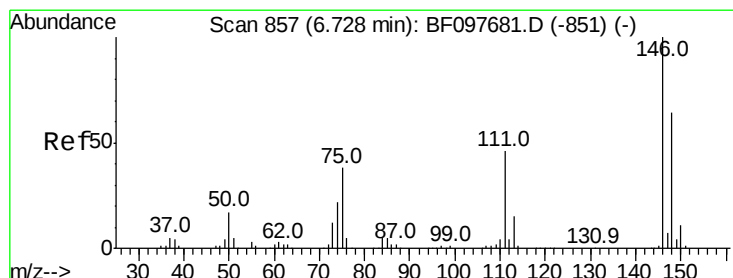
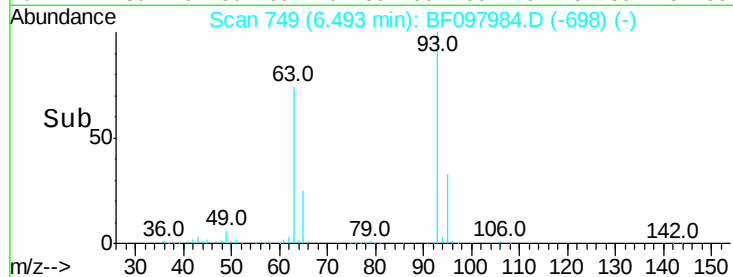
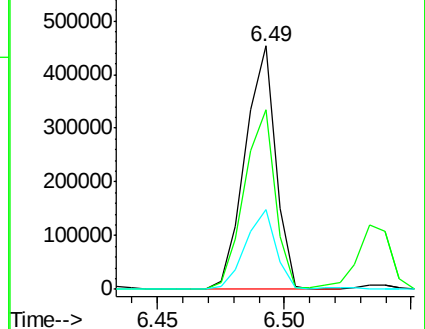
95 32.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.815 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

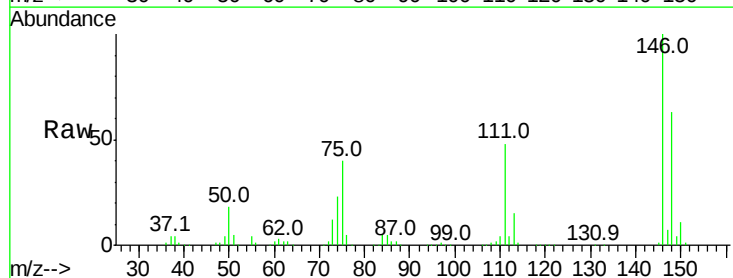
Tgt Ion: 146 Resp: 352577

Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.6

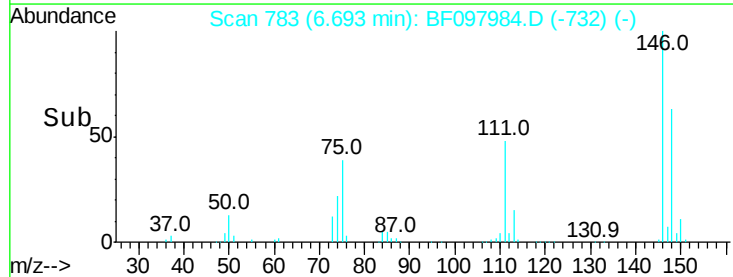
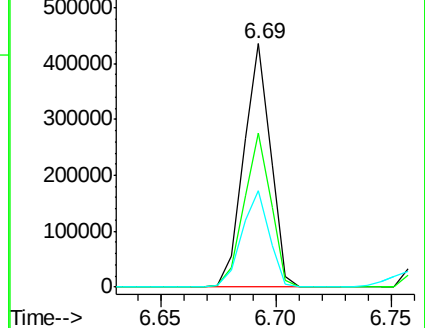
75 39.6 23.1 34.7#

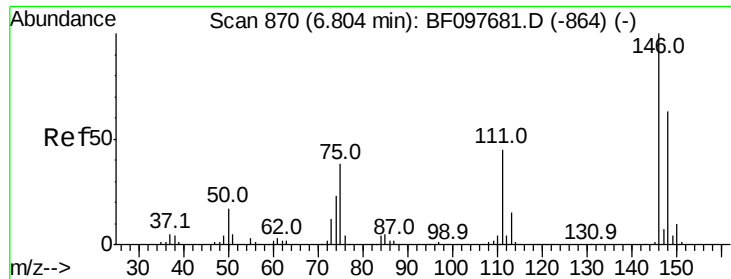


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.835 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

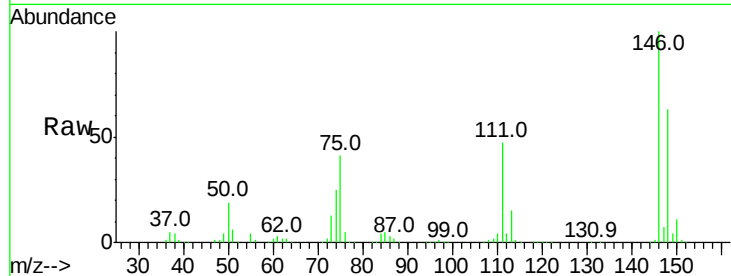
Tot Ion:146 Resp: 358762

Ion Ratio Lower Upper

146 100

148 62.7 52.2 78.2

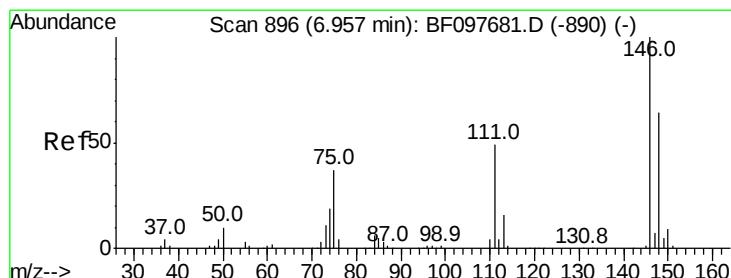
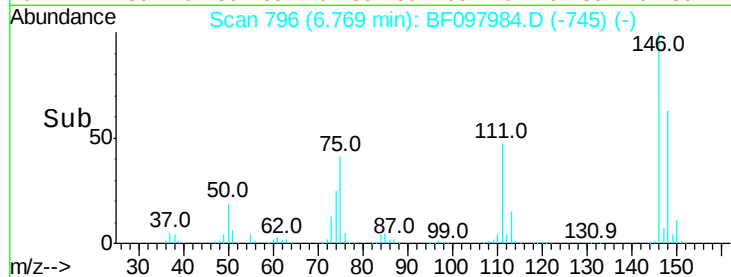
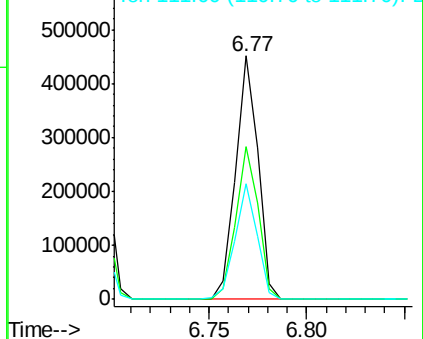
111 47.5 30.3 45.5#



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: 39.523 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

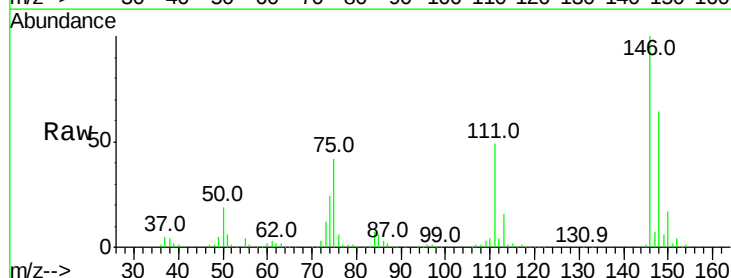
Tgt Ion:146 Resp: 328217

Ion Ratio Lower Upper

146 100

148 64.0 50.4 75.6

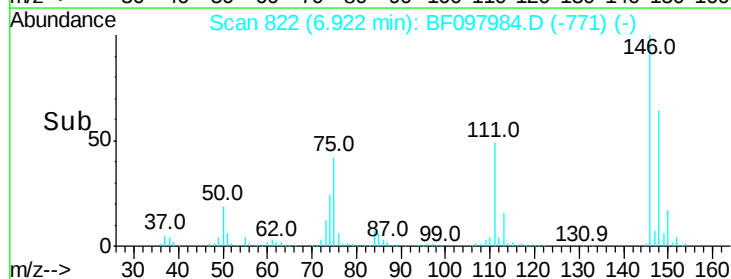
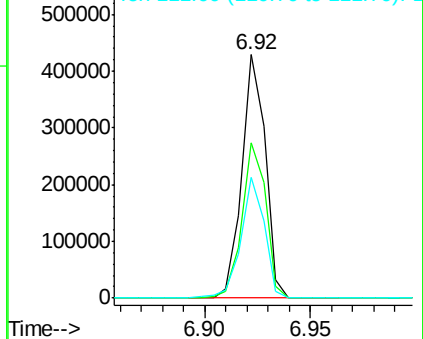
111 49.5 38.2 57.4

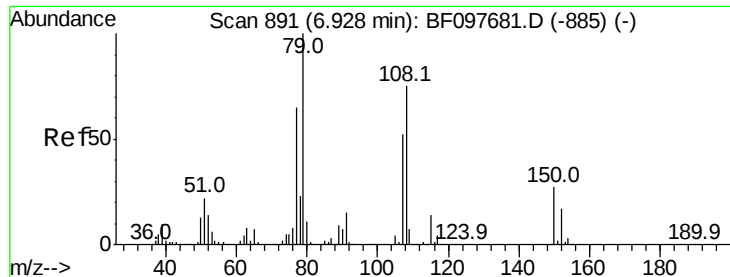


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.403 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

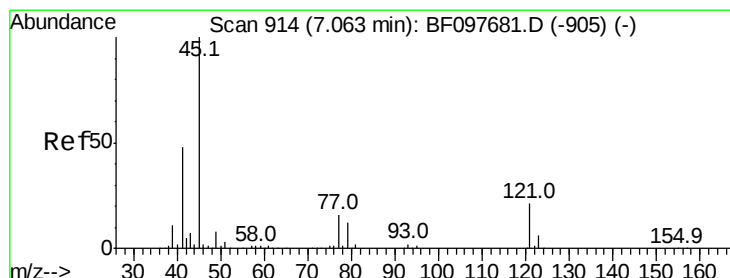
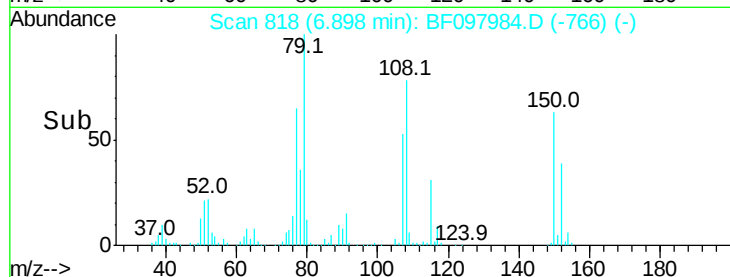
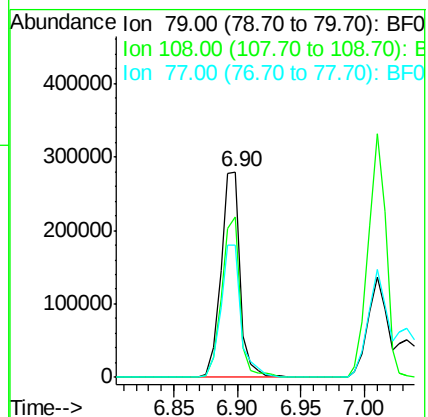
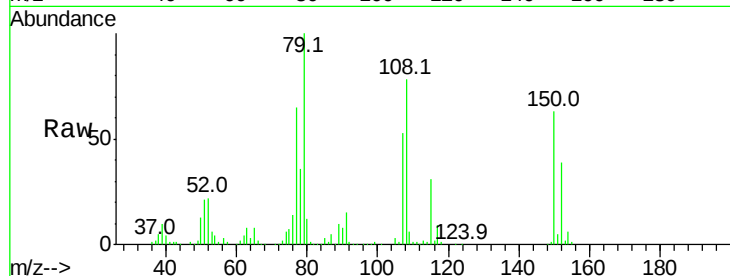
Tot Ion: 79 Resp: 297014

Ion Ratio Lower Upper

79 100

108 78.2 63.4 95.0

77 64.6 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.507 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

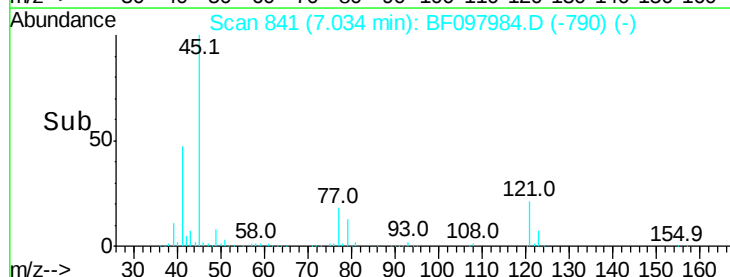
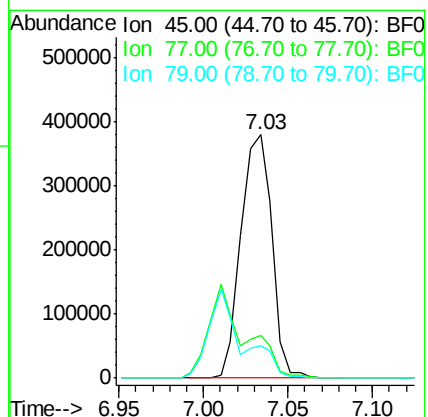
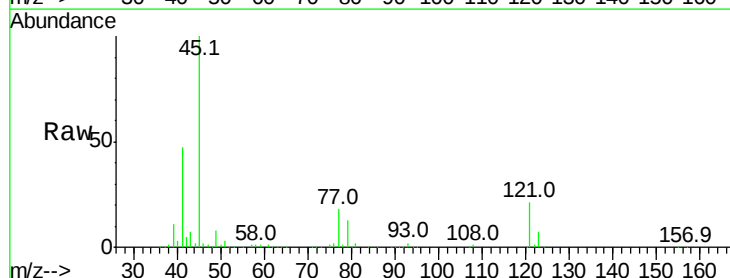
Tgt Ion: 45 Resp: 485085

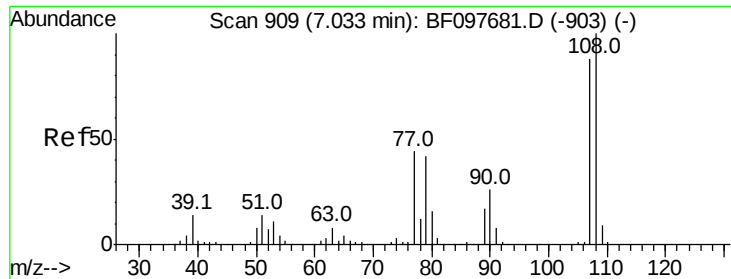
Ion Ratio Lower Upper

45 100

77 17.6 0.0 33.2

79 13.4 0.0 30.0

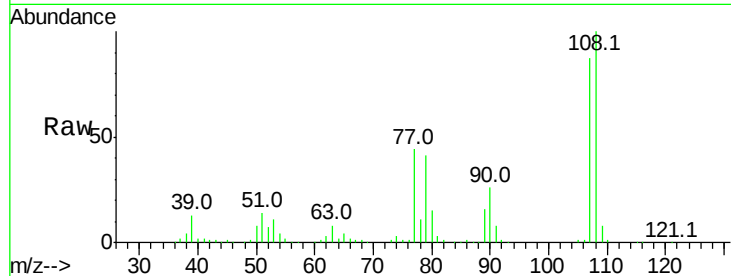




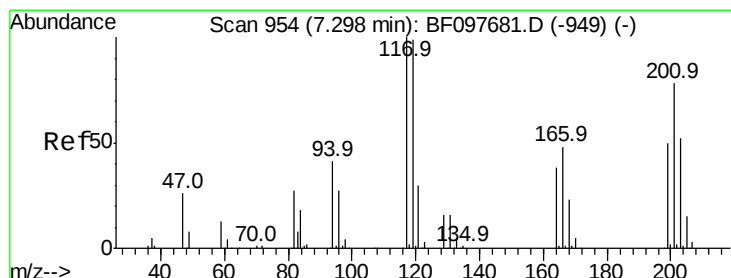
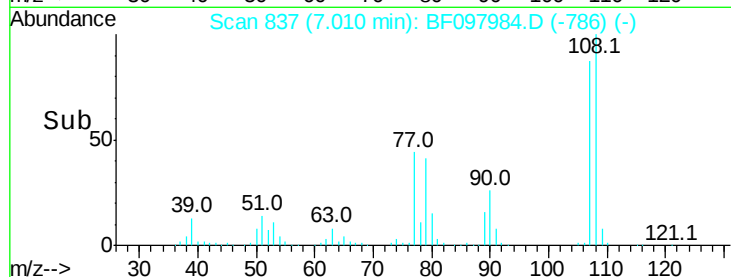
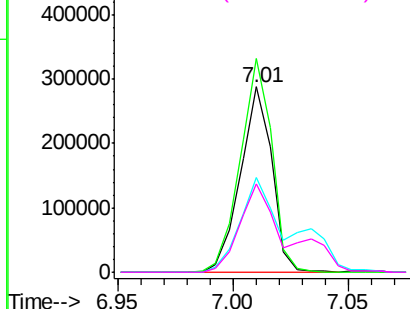
#17
2-Methylphenol
Concen: 37.832 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	274467
Ion	Ratio	Lower	Upper
107	100		
108	115.4	93.4	140.0
77	51.2	35.8	53.6
79	47.8	34.8	52.2

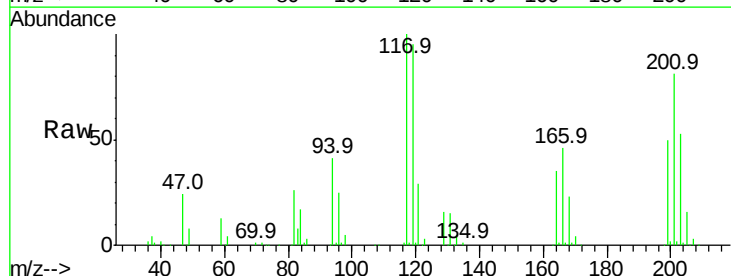


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

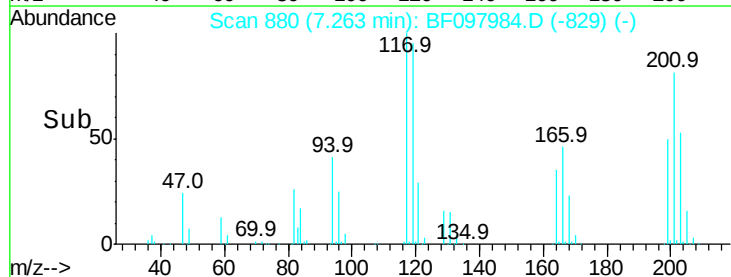
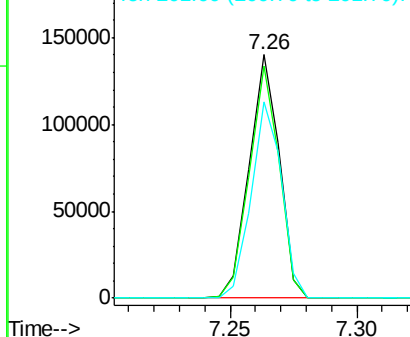


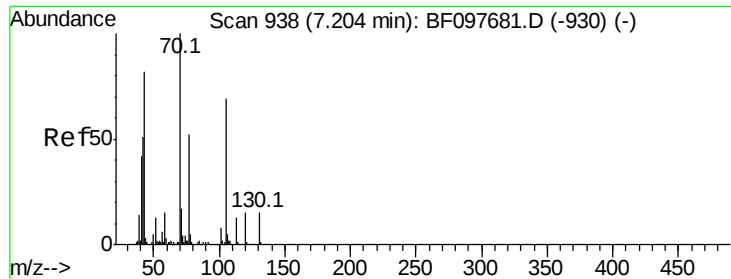
#18
Hexachloroethane
Concen: 32.866 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

Tgt Ion:	117	Resp:	116050
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.4	116.0
201	80.6	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

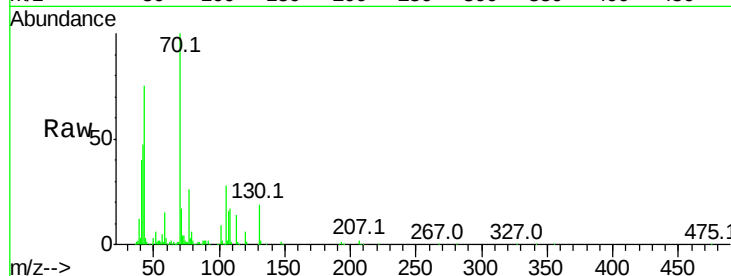




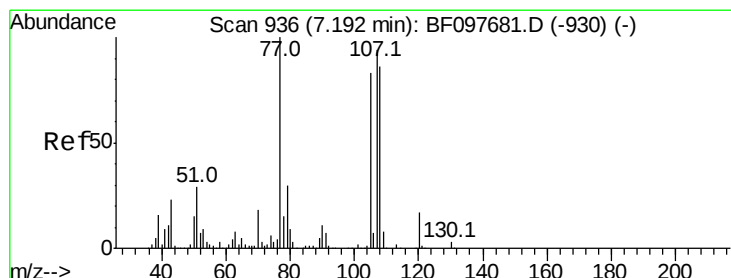
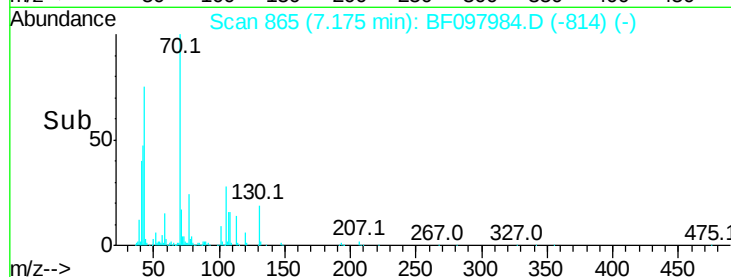
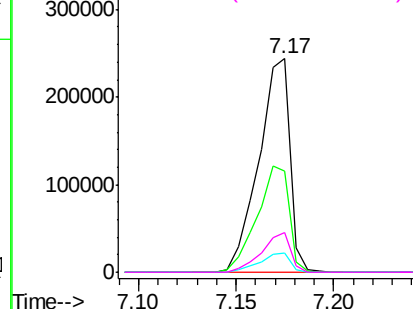
#19
n-Nitroso-di-n-propylamine
Concen: 37.216 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	270216
Ion	Ratio	Lower	Upper
70	100		
42	47.3	47.2	70.8
101	9.2	7.2	10.8
130	18.8	15.9	23.9

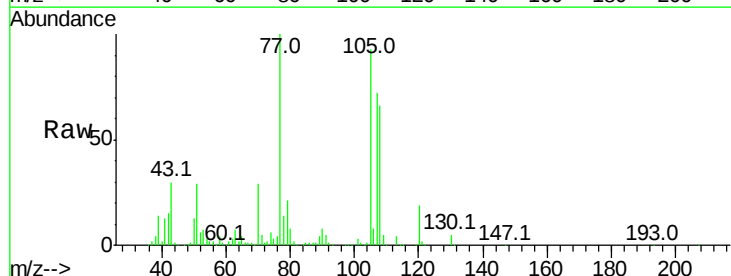


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

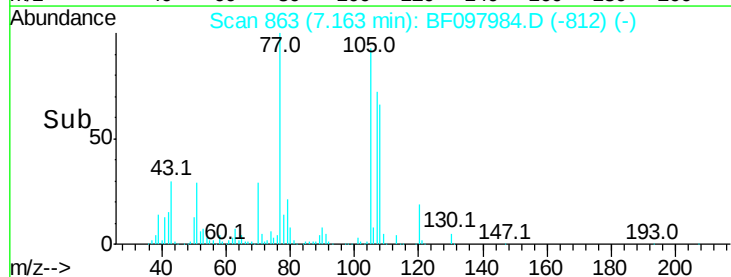
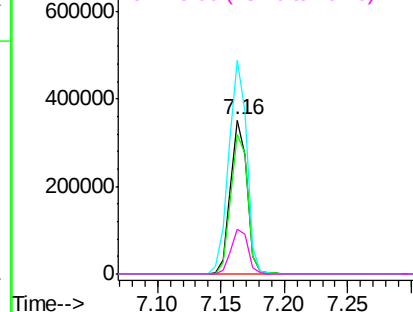


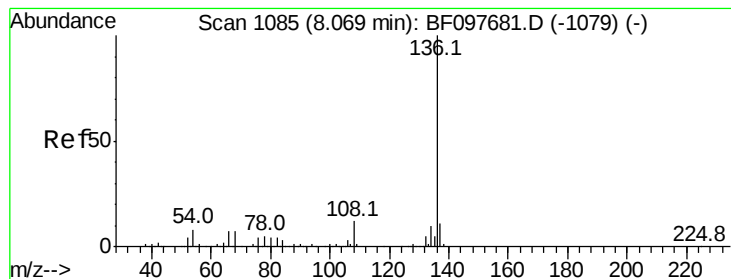
#20
3+4-Methylphenols
Concen: 35.747 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

Tgt Ion:	107	Resp:	316757
Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.0	111.0
77	138.9	90.5	130.5#
79	28.8	8.4	48.4



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 449571

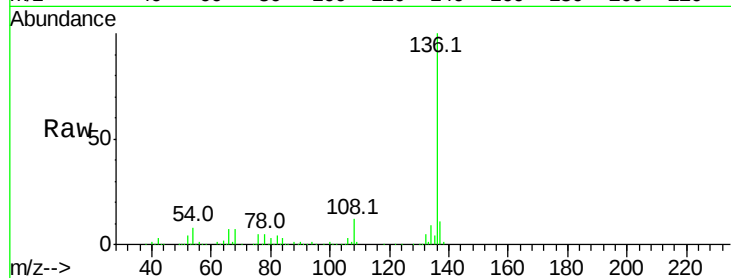
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 8.4 4.9 7.3#

68 7.3 4.1 6.1#

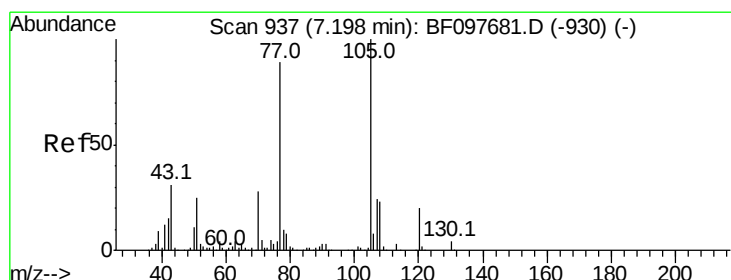
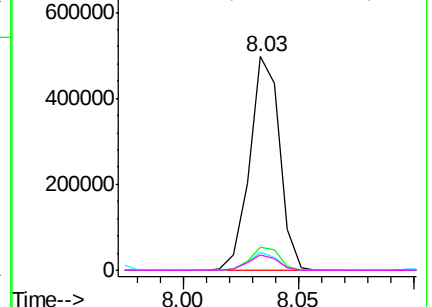
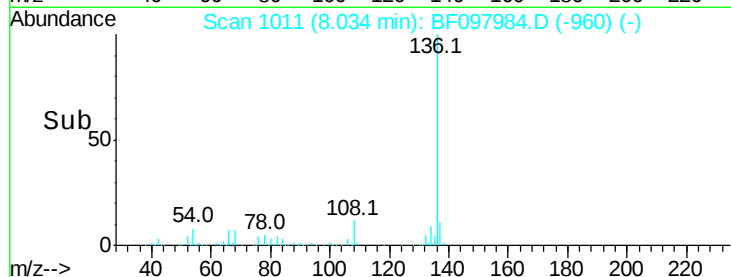


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.750 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Tgt Ion:105 Resp: 460222

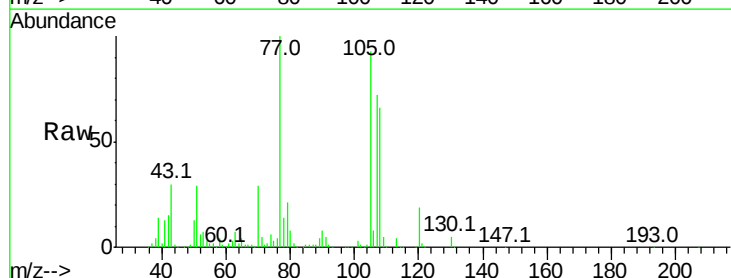
Ion Ratio Lower Upper

105 100

71 5.4 2.8 4.2#

51 30.8 30.7 46.1

120 20.2 17.4 26.0

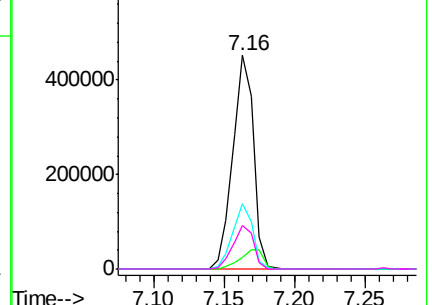
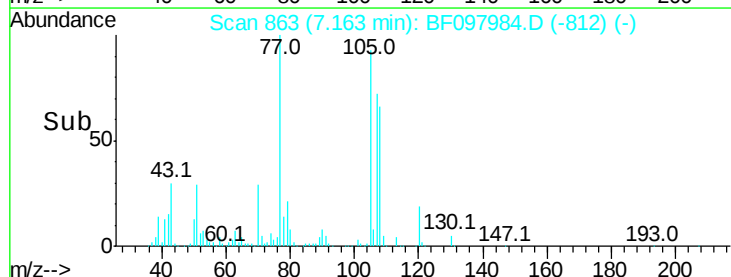


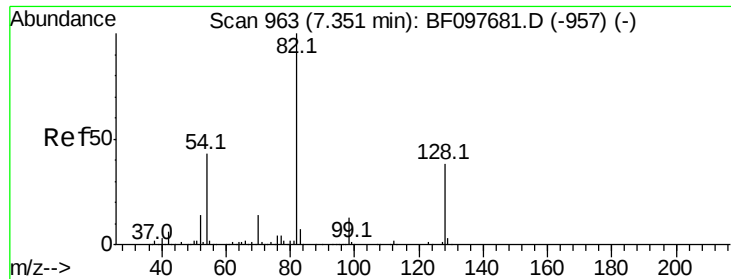
Abundance Ion 105.00 (104.70 to 105.70): E

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

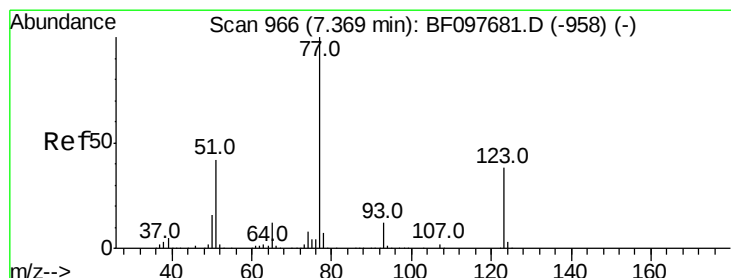
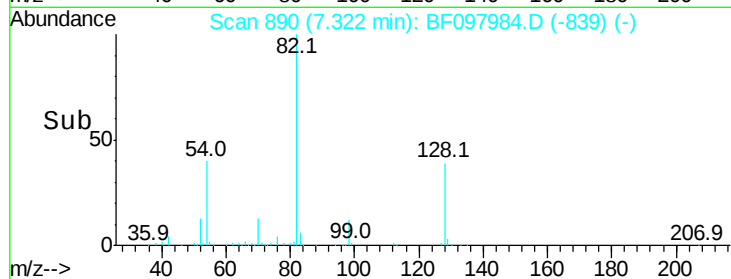
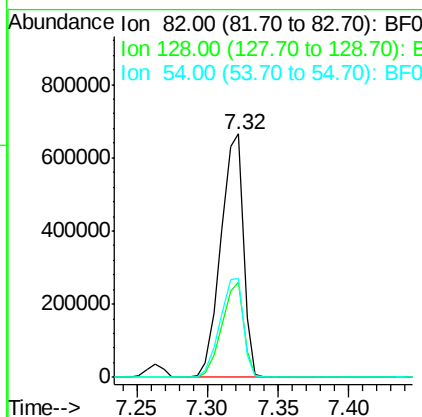
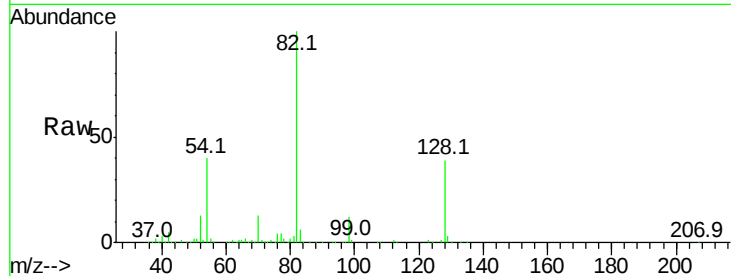




#23
 Nitrobenzene-d5
 Concen: 89.251 ng
 RT: 7.32 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

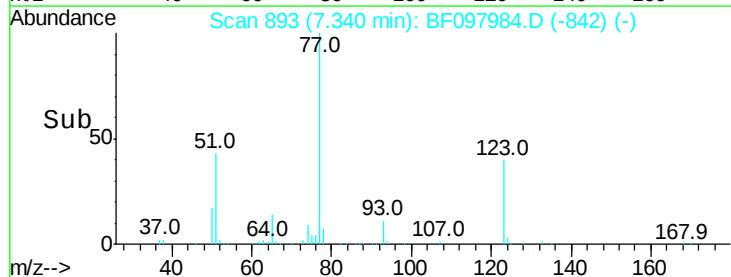
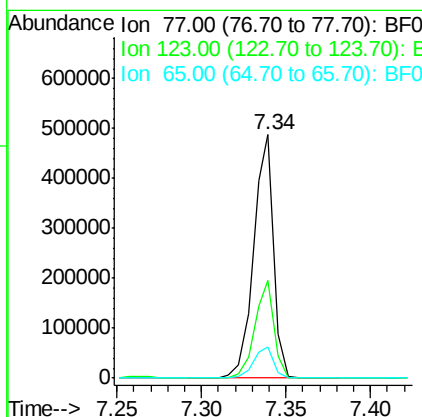
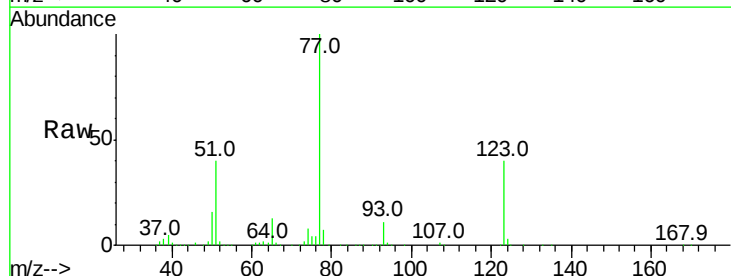
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

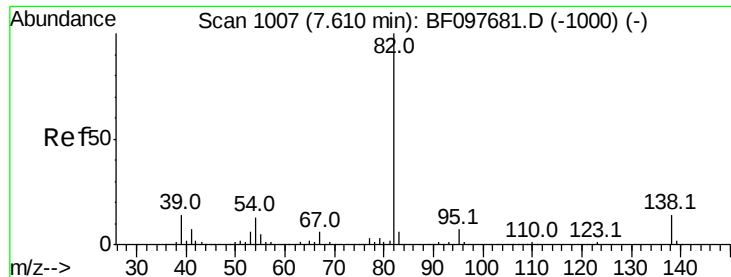
Tot Ion: 82 Resp: 738609
 Ion Ratio Lower Upper
 82 100
 128 39.3 34.0 51.0
 54 40.5 42.2 63.2#



#24
 Nitrobenzene
 Concen: 43.590 ng
 RT: 7.34 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

Tgt Ion: 77 Resp: 401659
 Ion Ratio Lower Upper
 77 100
 123 40.2 35.8 53.8
 65 12.7 10.6 15.8





#25

Isophorone

Concen: 39.625 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

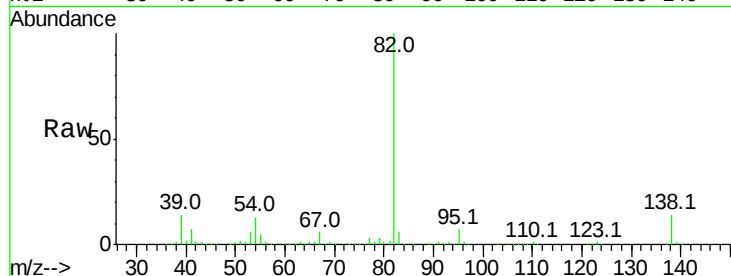
Tot Ion: 82 Resp: 681862

Ion Ratio Lower Upper

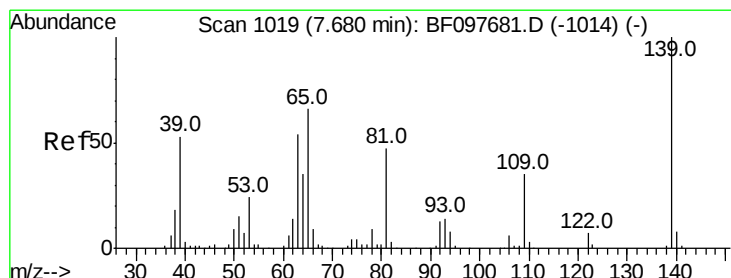
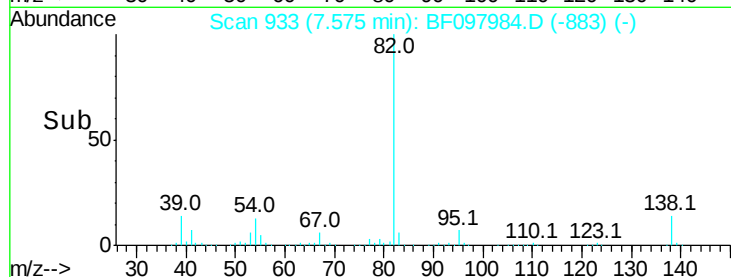
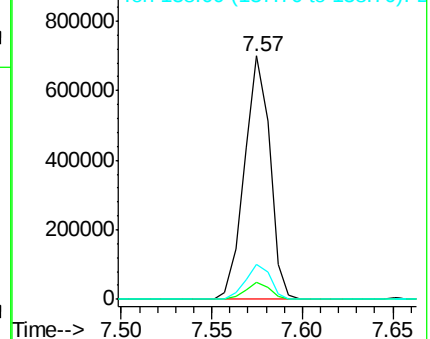
82 100

95 6.9 5.3 7.9

138 14.3 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: 27.784 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

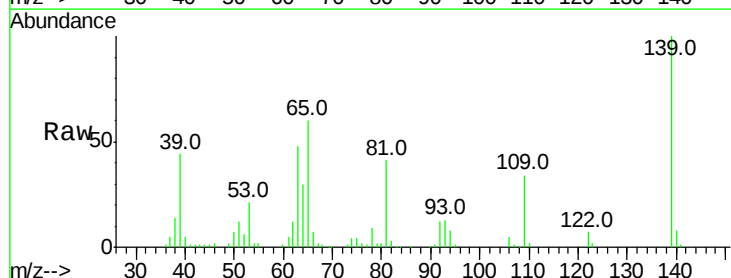
Tgt Ion:139 Resp: 84452

Ion Ratio Lower Upper

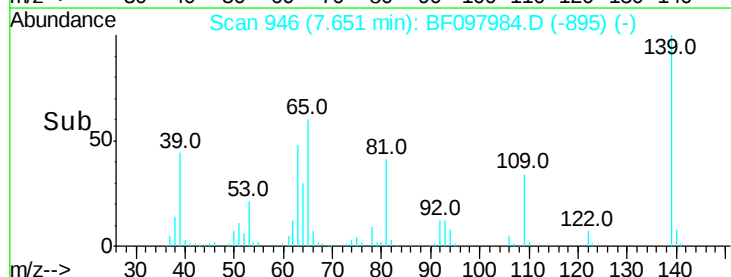
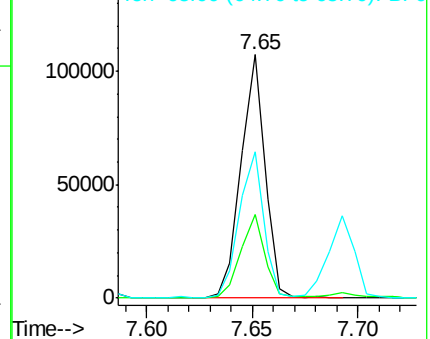
139 100

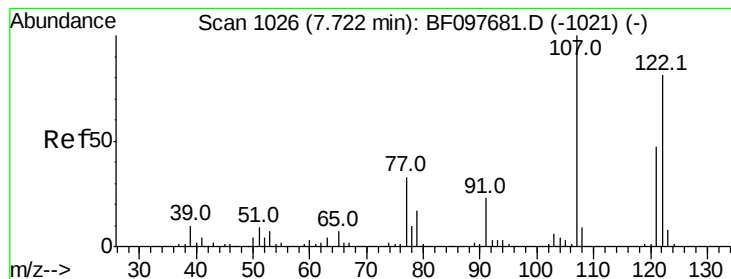
109 34.2 21.0 31.6#

65 60.0 33.0 49.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.768 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

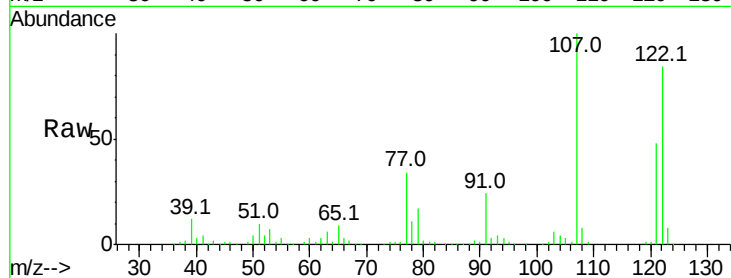
Tot Ion:122 Resp: 278227

Ion Ratio Lower Upper

122 100

107 119.1 89.2 133.8

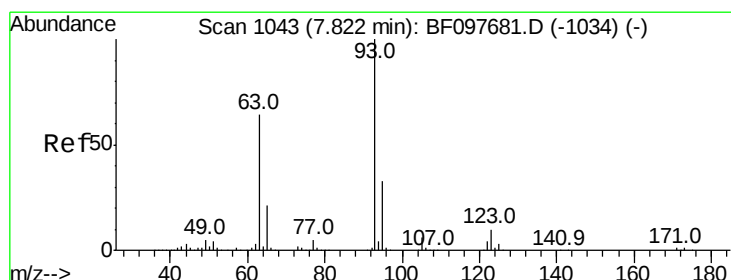
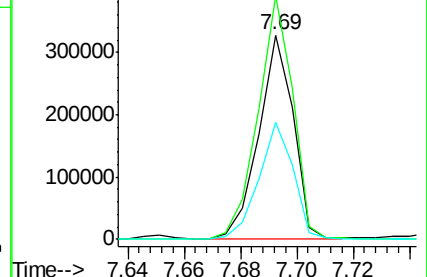
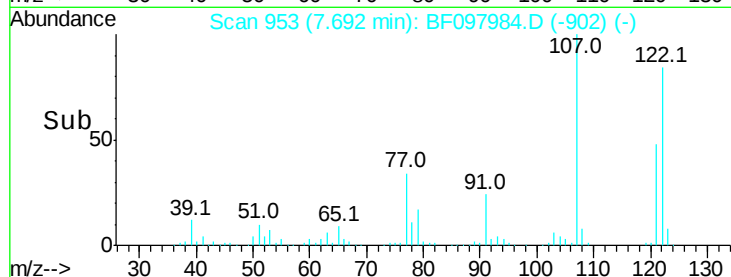
121 56.9 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.730 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

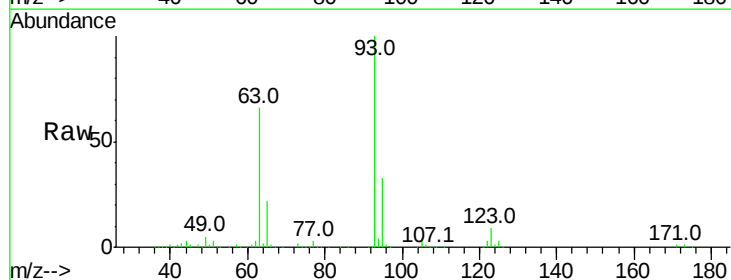
Tgt Ion: 93 Resp: 472097

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

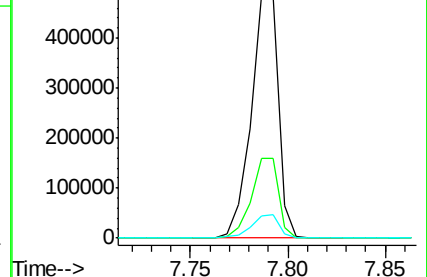
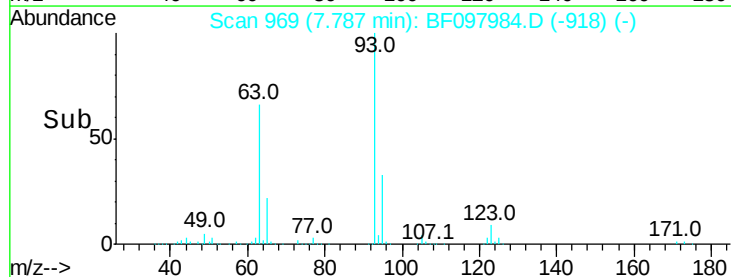
123 9.2 9.0 13.4

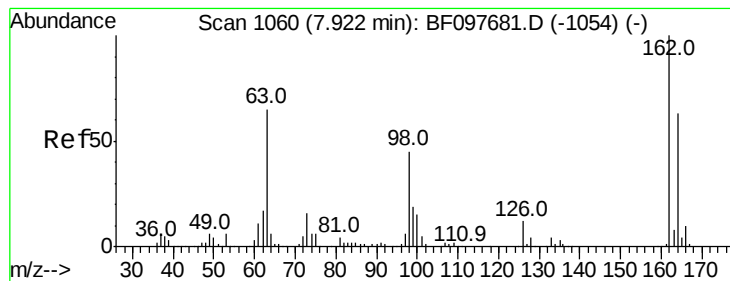


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 36.053 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

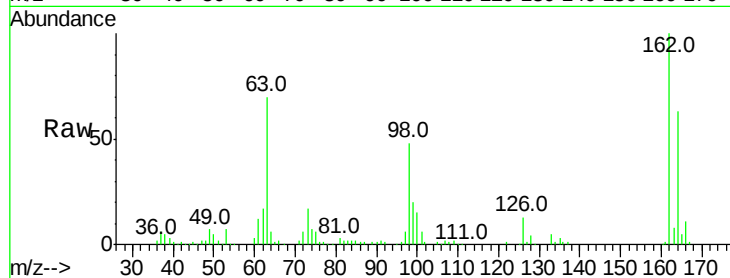
Tot Ion:162 Resp: 214782

Ion Ratio Lower Upper

162 100

164 63.0 44.6 84.6

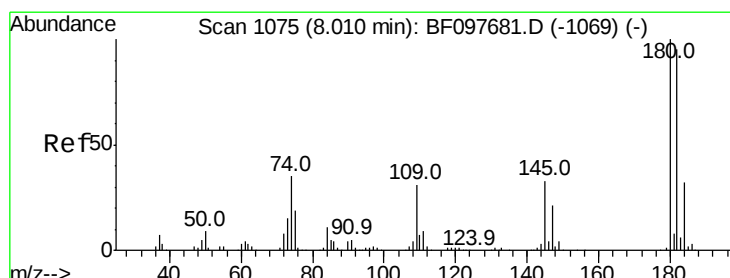
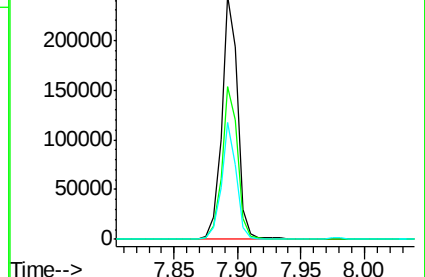
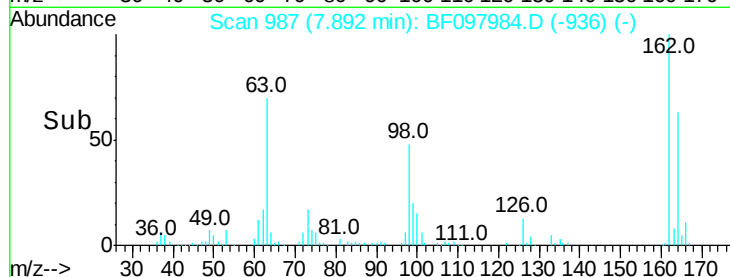
98 47.9 14.8 54.8



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: 40.459 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

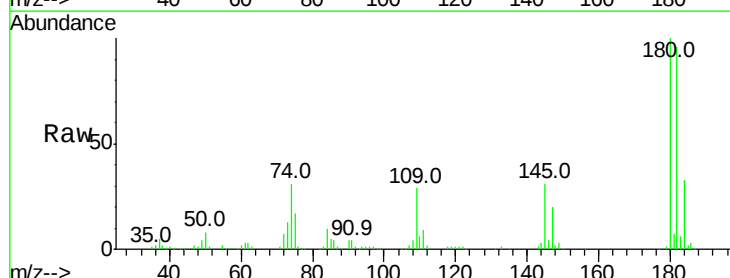
Tgt Ion:180 Resp: 267197

Ion Ratio Lower Upper

180 100

182 95.6 75.8 113.6

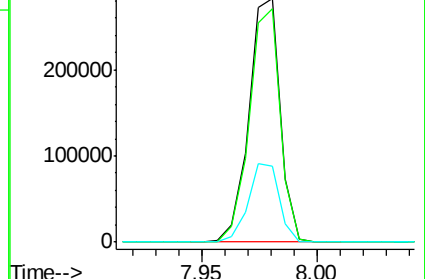
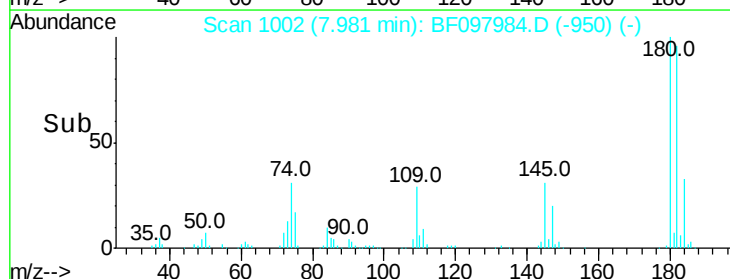
145 31.4 25.3 37.9

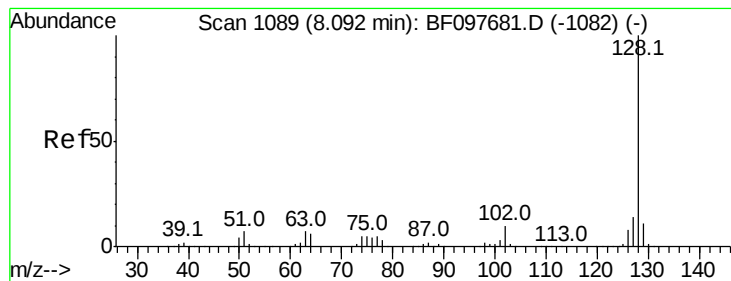


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.288 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

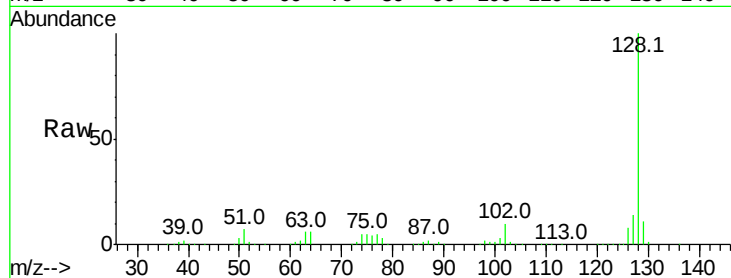
Tot Ion:128 Resp: 916956

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

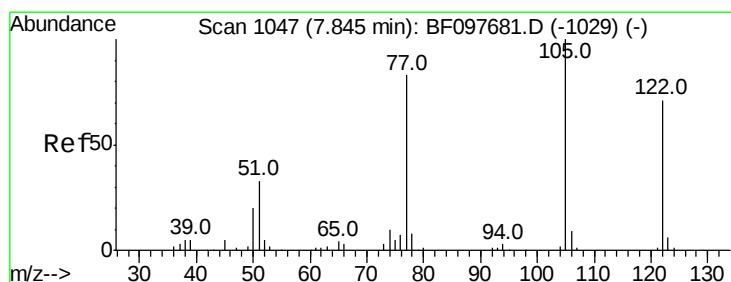
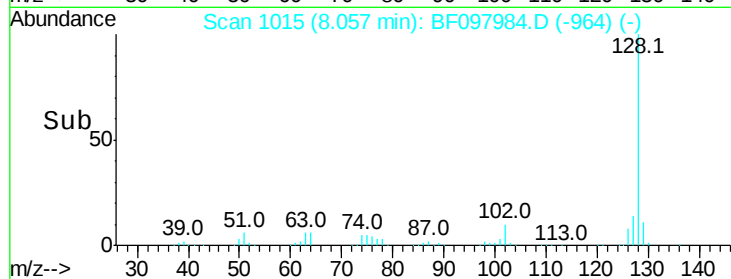
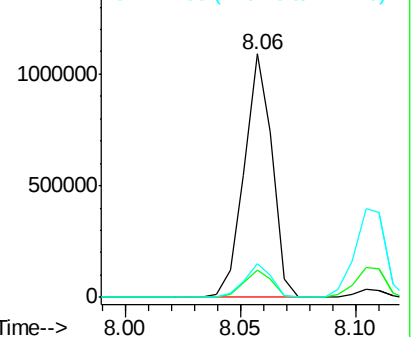
127 13.7 10.8 16.2



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: 12.224 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

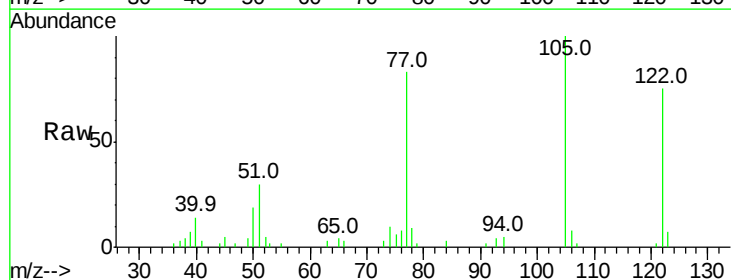
Tgt Ion:122 Resp: 35115

Ion Ratio Lower Upper

122 100

105 132.5 103.3 143.3

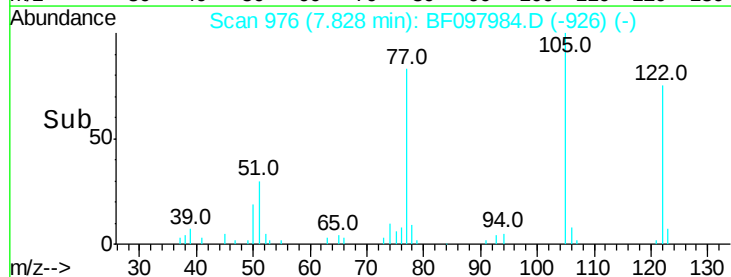
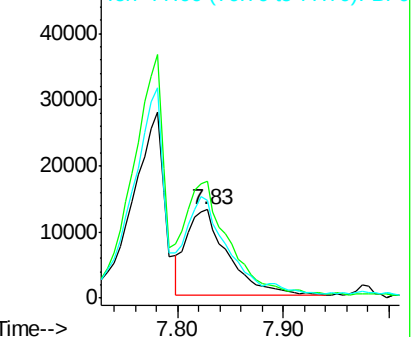
77 110.4 73.7 113.7

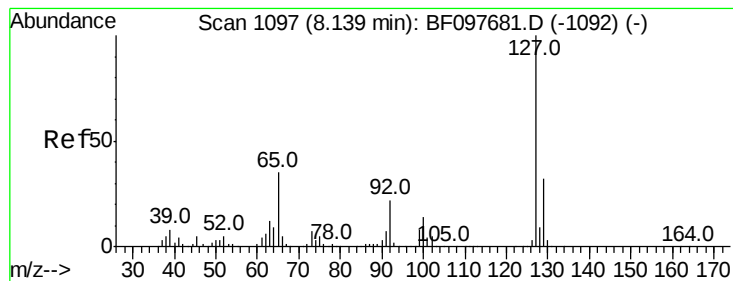


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 37.829 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 372362

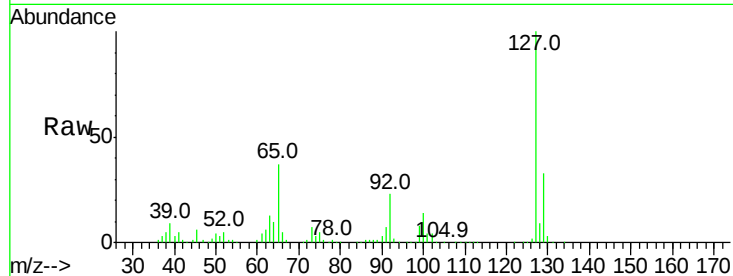
Ion Ratio Lower Upper

127 100

129 33.2 26.2 39.2

65 36.6 27.8 41.8

92 22.9 16.8 25.2

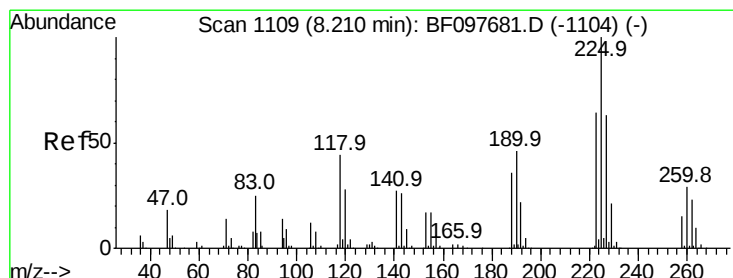
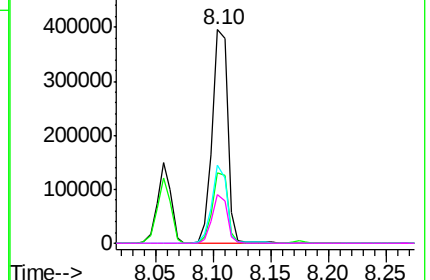
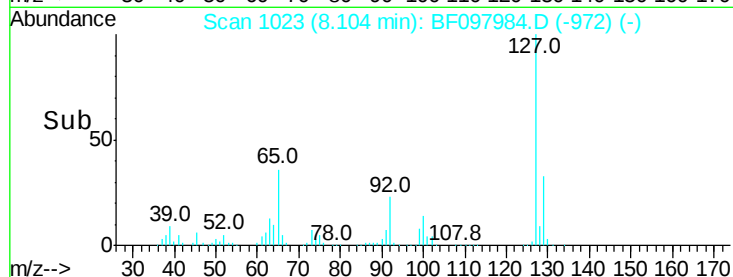


Abundance Ion 127.00 (126.70 to 127.70): E

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



#34

Hexachlorobutadiene

Concen: 41.960 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

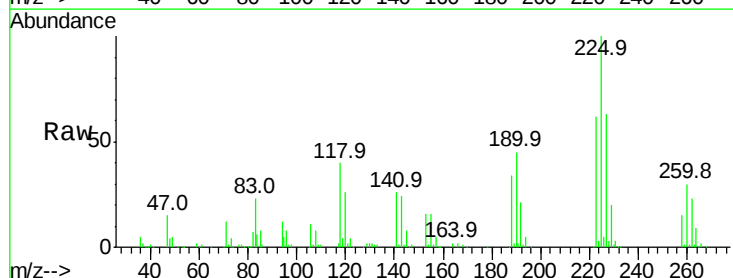
Tgt Ion:225 Resp: 161795

Ion Ratio Lower Upper

225 100

223 62.5 48.8 73.2

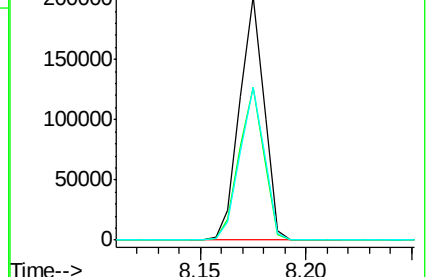
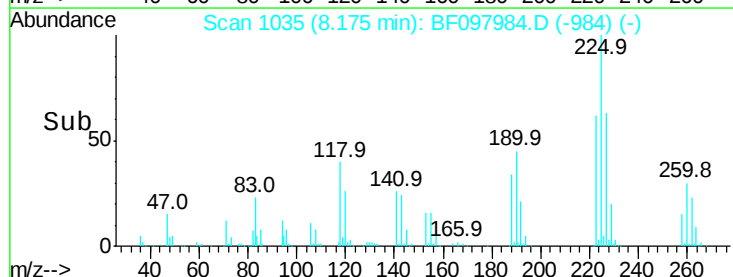
227 63.0 51.1 76.7

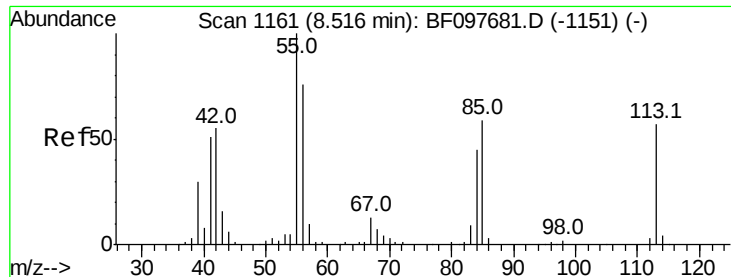


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

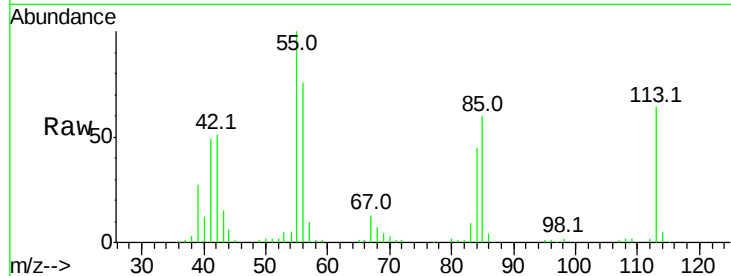




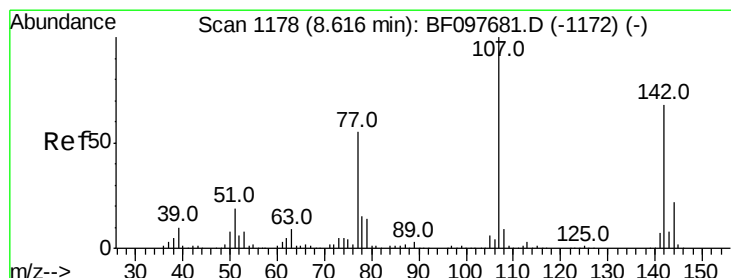
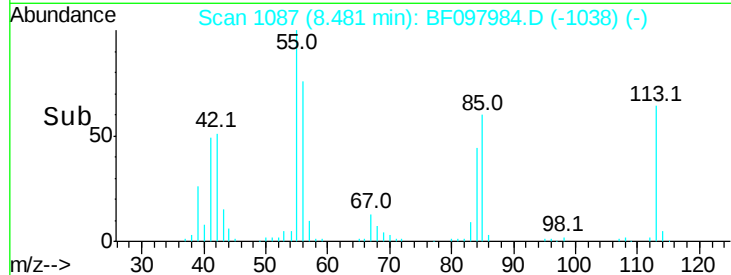
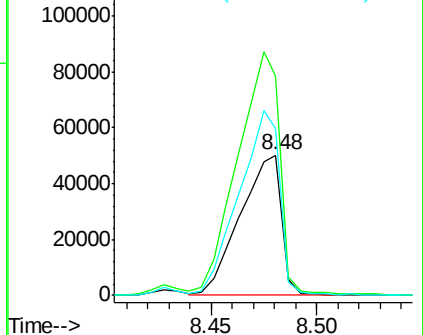
#35
 Caprolactam
 Concen: 33.736 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 68324
 Ion Ratio Lower Upper
 113 100
 55 156.3 150.2 190.2
 56 118.6 107.8 147.8

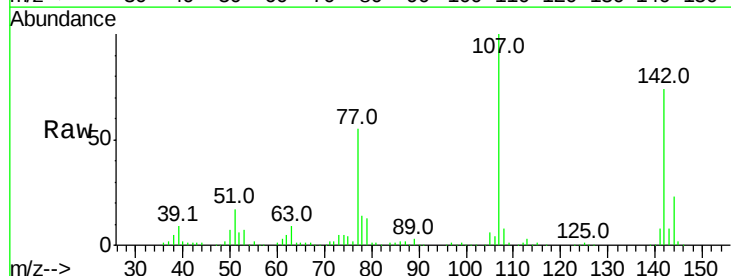


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

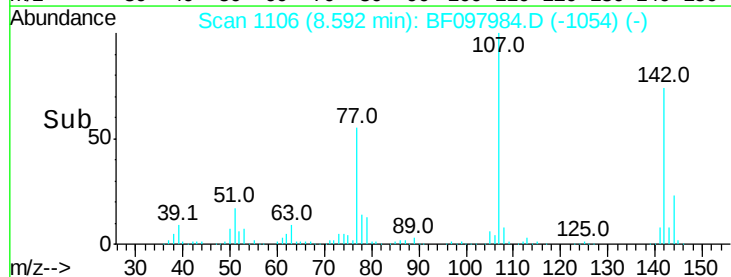
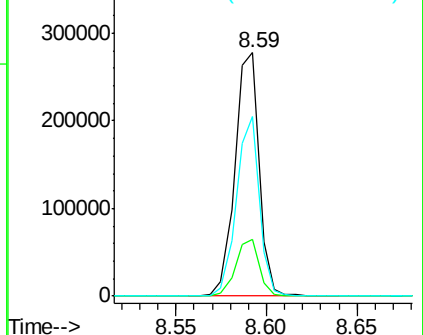


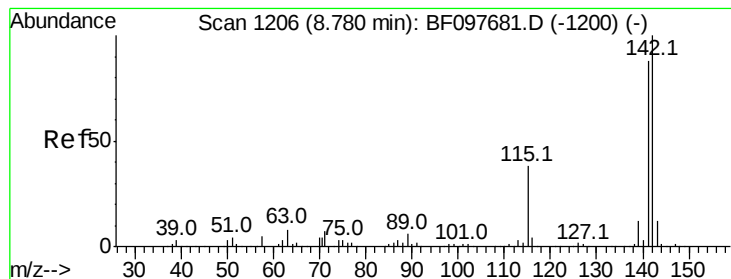
#36
 4-Chloro-3-methylphenol
 Concen: 33.830 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

Tgt Ion:107 Resp: 258940
 Ion Ratio Lower Upper
 107 100
 144 23.3 24.2 36.4#
 142 73.6 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.457 ng

RT: 8.75 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

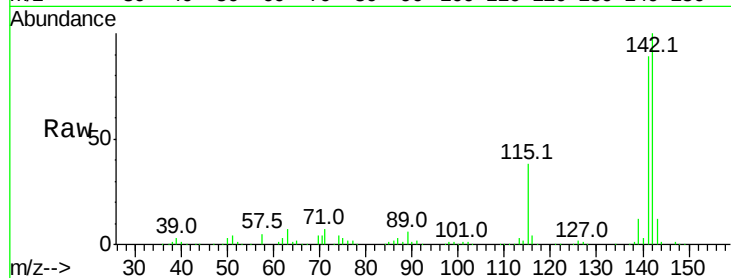
Tot Ion:142 Resp: 550286

Ion Ratio Lower Upper

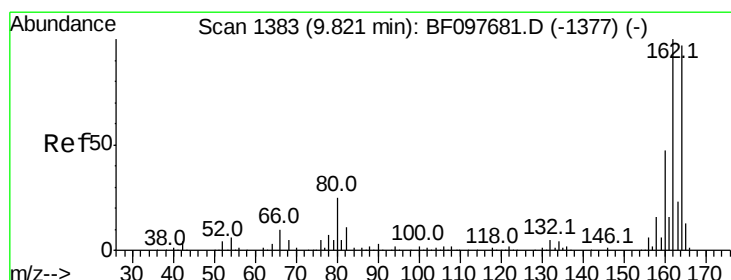
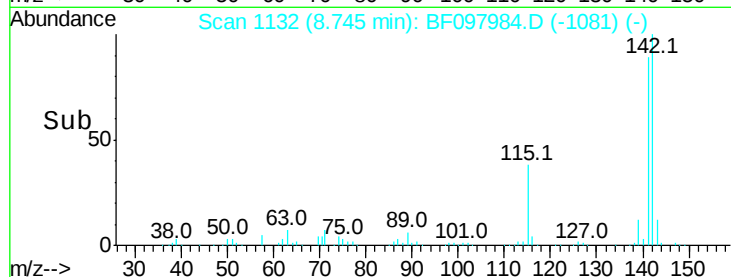
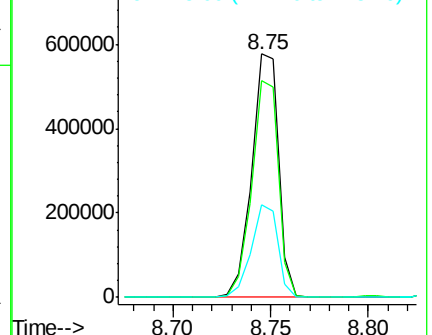
142 100

141 88.9 71.3 106.9

115 37.8 27.1 40.7



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

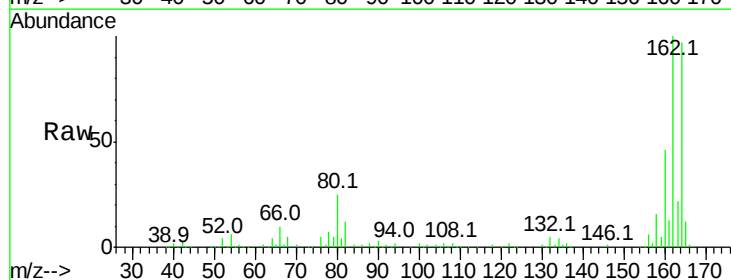
Tgt Ion:164 Resp: 176279

Ion Ratio Lower Upper

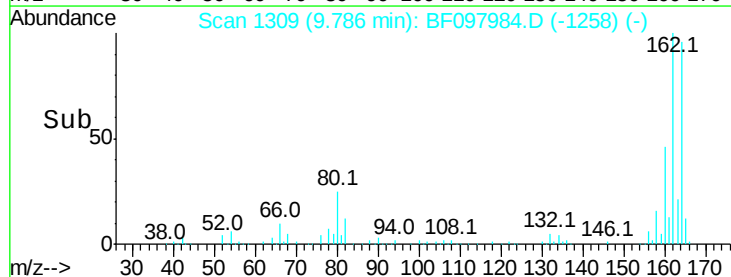
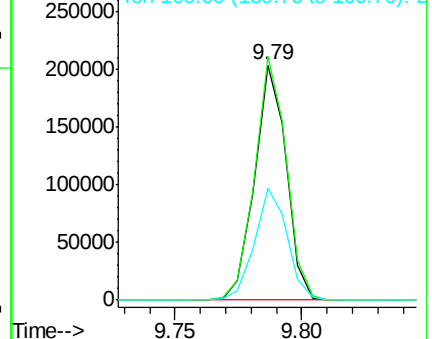
164 100

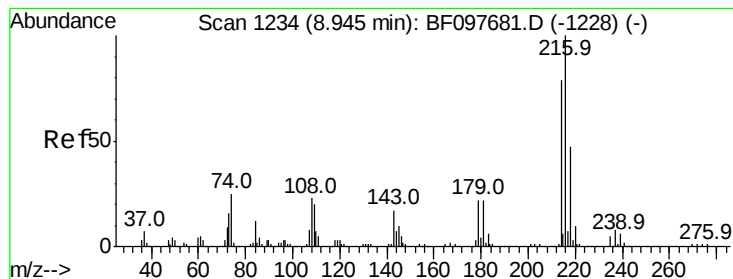
162 103.5 82.6 123.8

160 47.5 36.2 54.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.191 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 239071

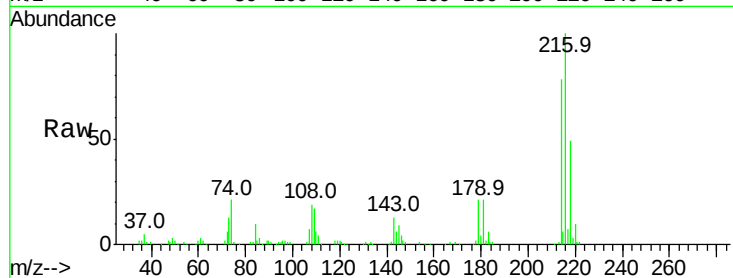
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 21.7 17.9 26.9

108 22.2 16.5 24.7

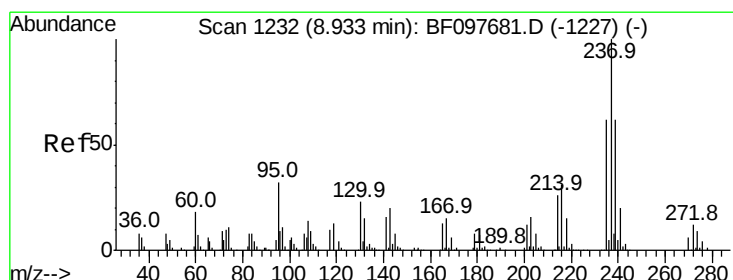
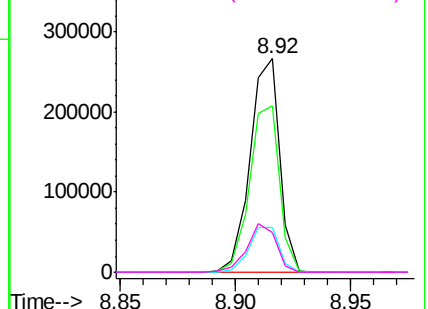
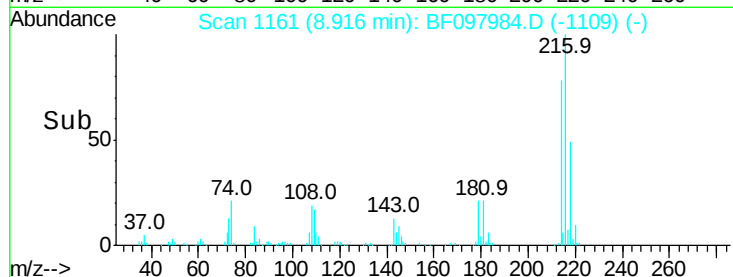


Abundance Ion 216.00 (215.70 to 216.70): E

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: 3.564 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

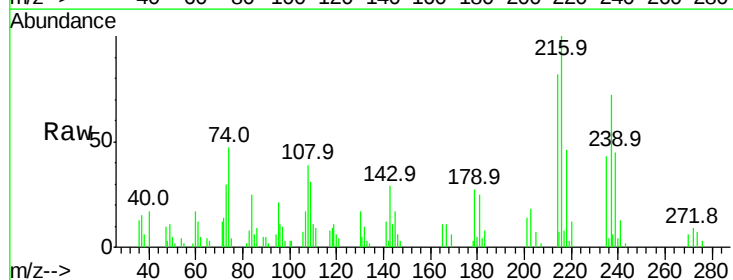
Tgt Ion:237 Resp: 9264

Ion Ratio Lower Upper

237 100

235 59.8 42.6 82.6

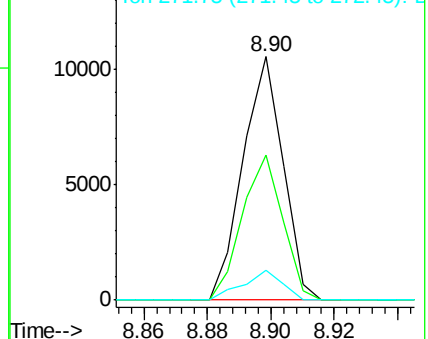
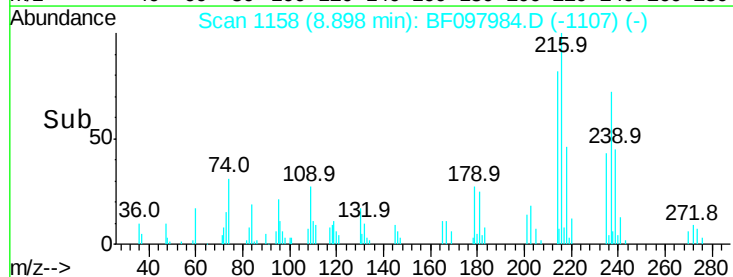
272 12.4 0.0 31.9

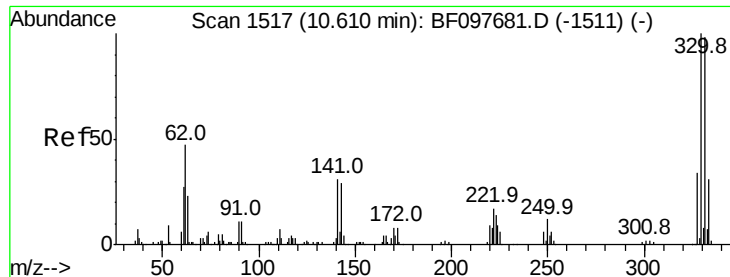


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

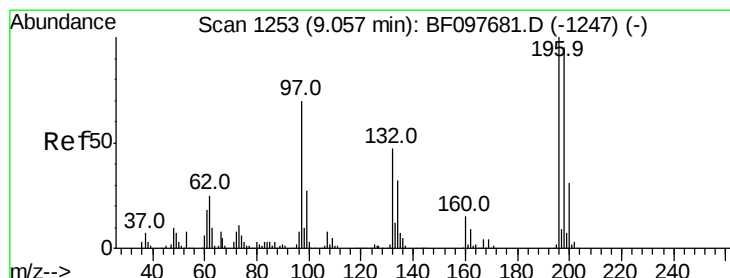
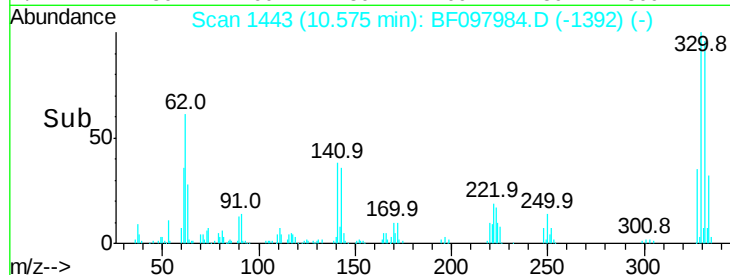
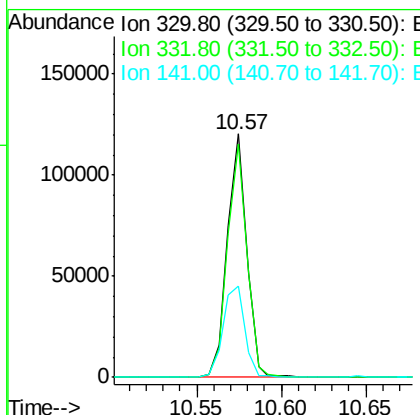
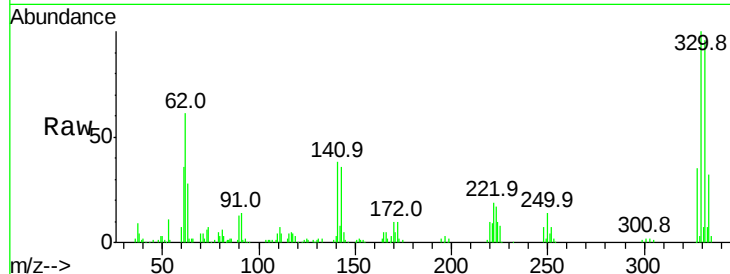




#41
 2,4,6-Tribromophenol
 Concen: 62.955 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

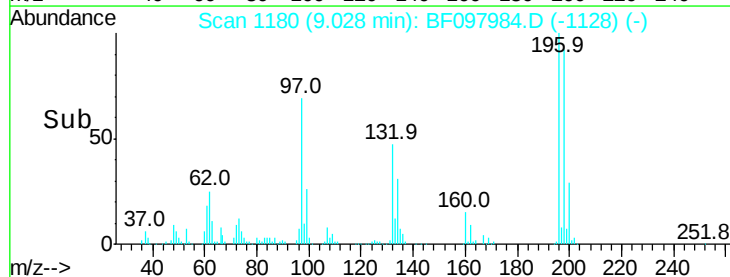
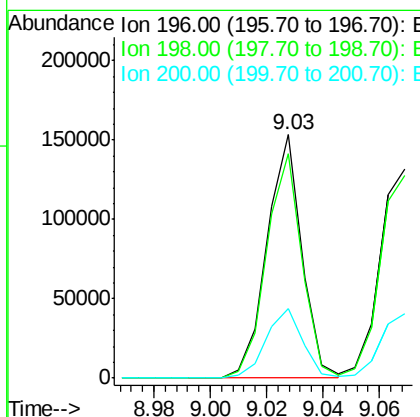
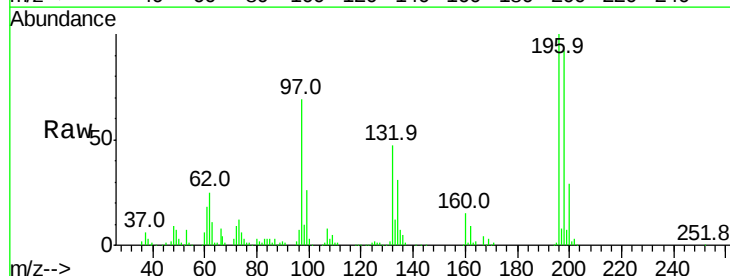
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

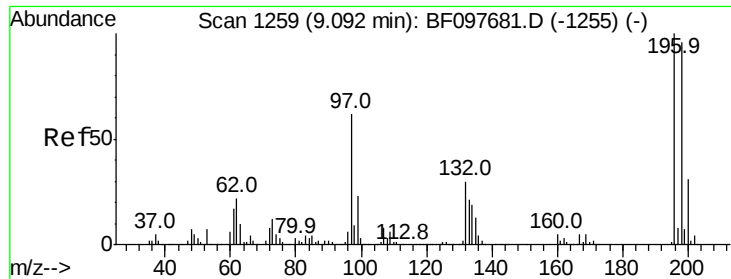
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	42.4	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 36.115 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.4	74.2	111.4
200	28.8	24.0	36.0

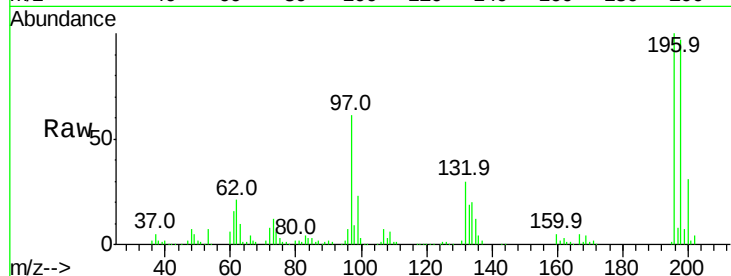




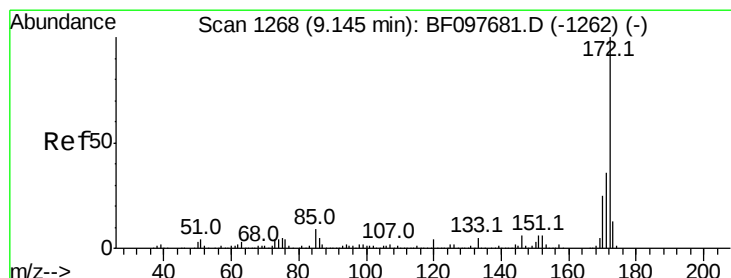
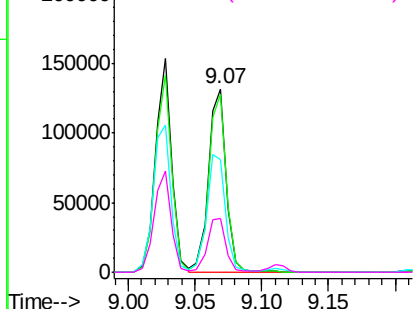
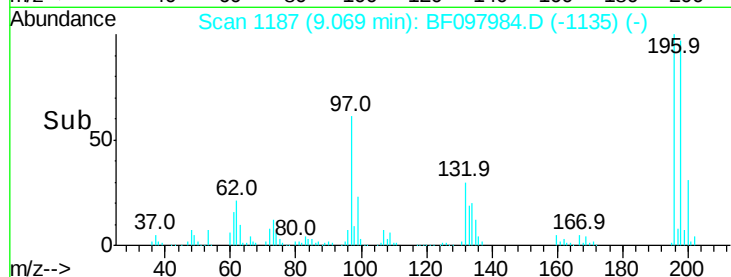
#43
 2,4,5-Trichlorophenol
 Concen: 34.197 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.7	113.5
97	61.3	47.7	71.5
132	29.5	28.0	42.0

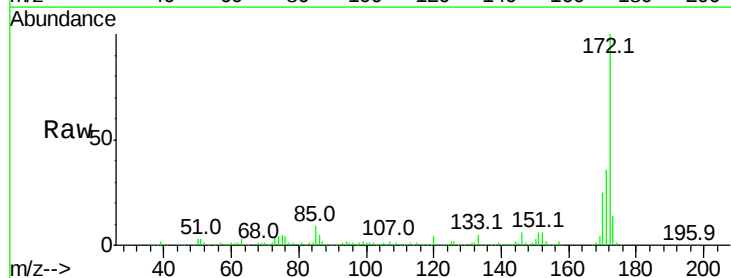


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

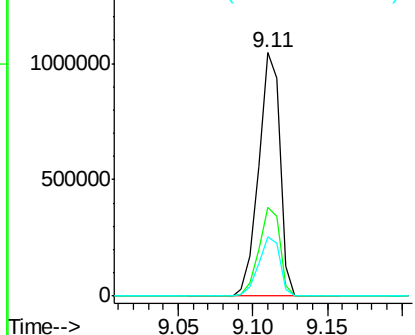
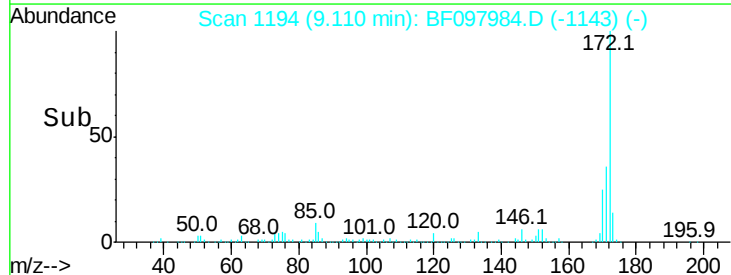


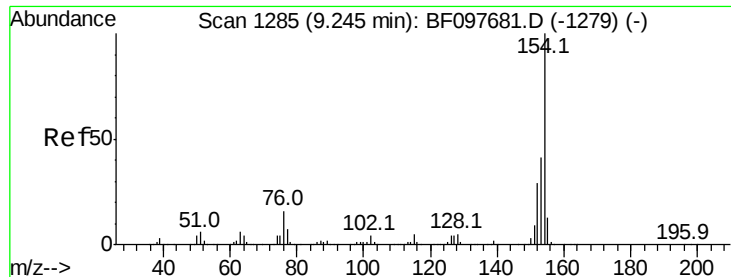
#44
 2-Fluorobiphenyl
 Concen: 84.604 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.6	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: 42.994 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

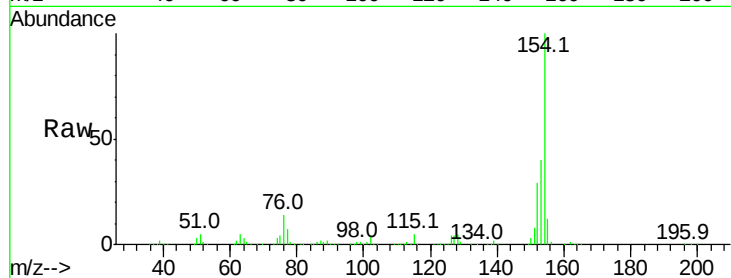
Tot Ion:154 Resp: 691134

Ion Ratio Lower Upper

154 100

153 40.3 21.2 61.2

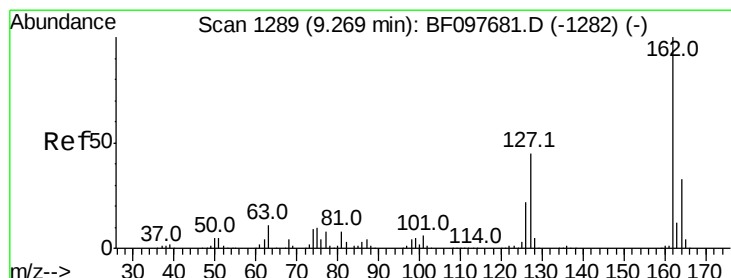
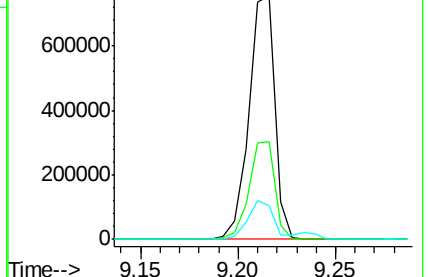
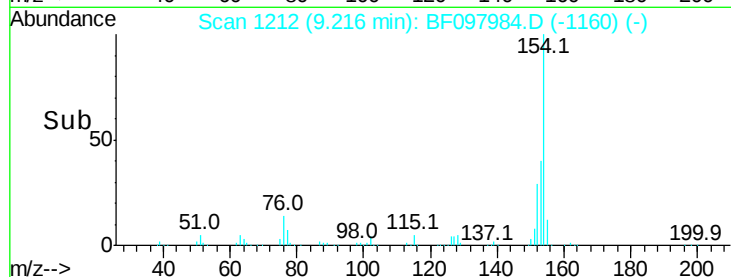
76 13.7 0.0 29.9



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: 41.425 ng

RT: 9.24 min Scan# 1216

Delta R.T. 0.01 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

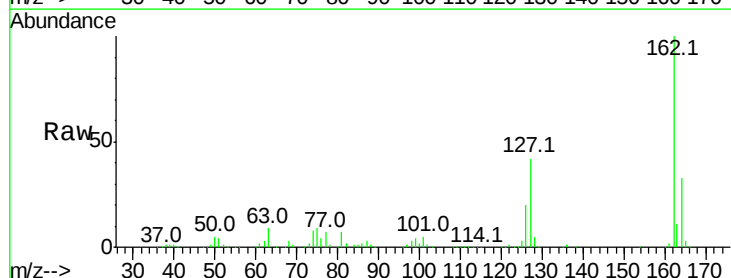
Tgt Ion:162 Resp: 492017

Ion Ratio Lower Upper

162 100

127 41.6 28.3 42.5

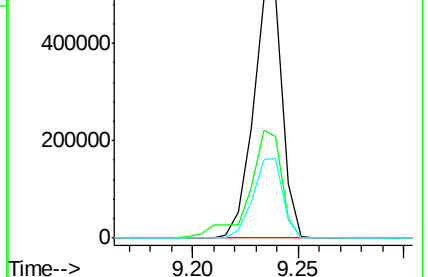
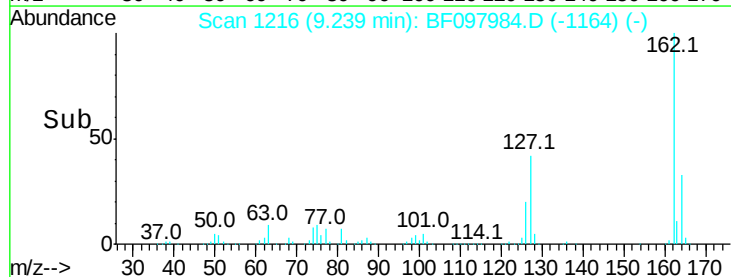
164 32.9 27.0 40.4

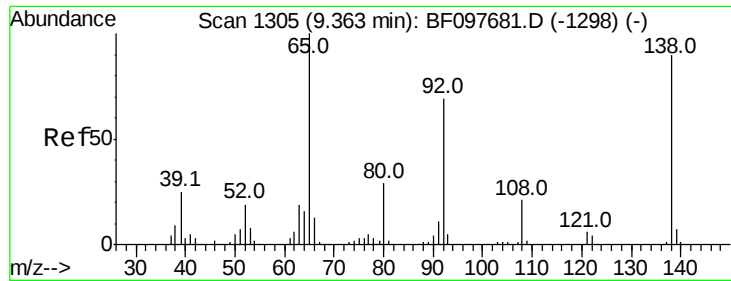


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

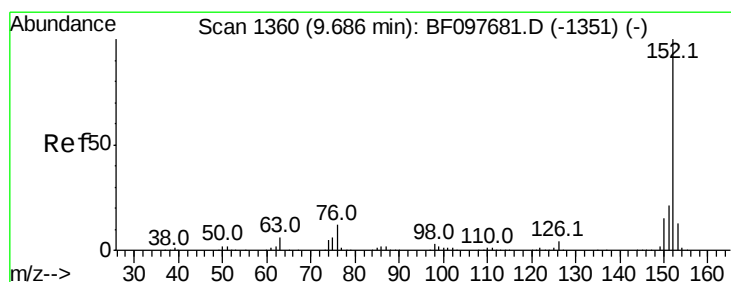
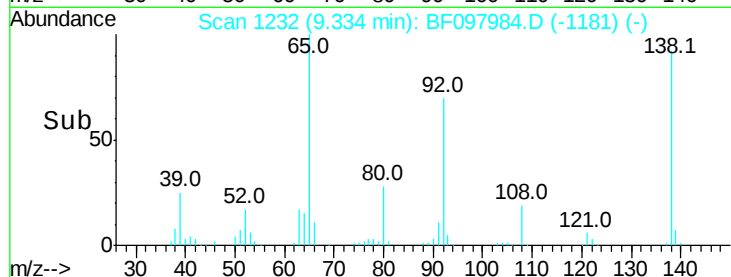
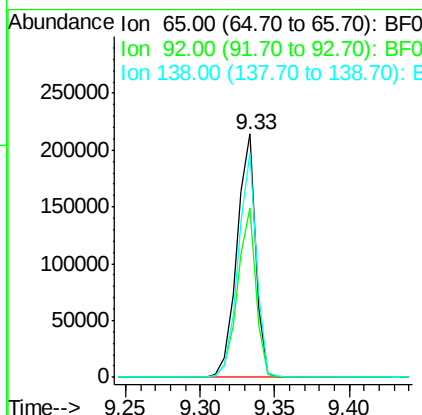
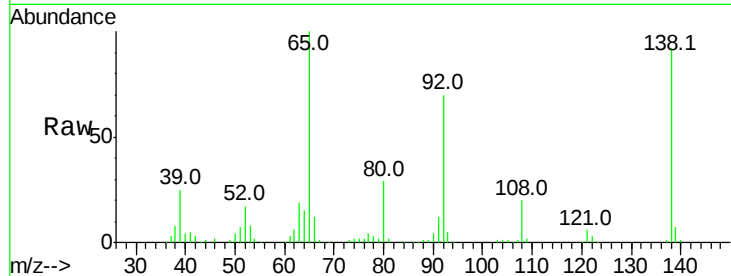




#47
2-Nitroaniline
Concen: 47.646 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

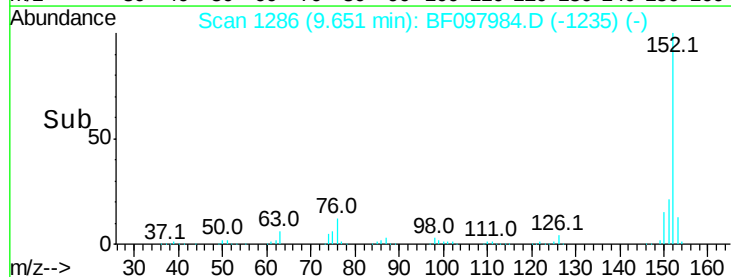
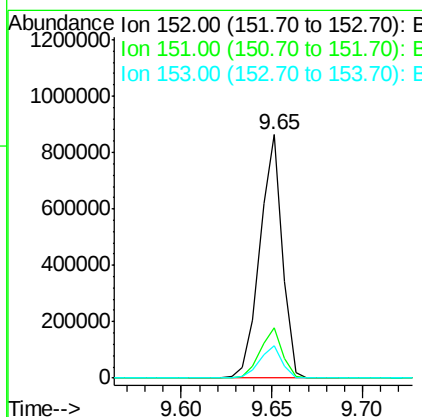
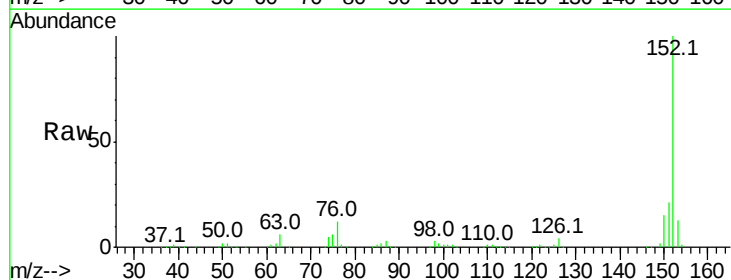
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

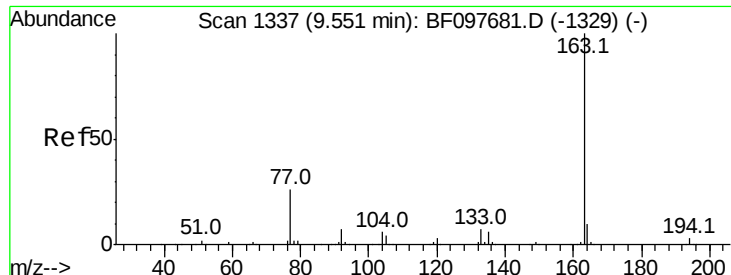
Tot Ion: 65 Resp: 189716
Ion Ratio Lower Upper
65 100
92 69.7 53.9 80.9
138 92.2 78.8 118.2



#48
Acenaphthylene
Concen: 39.690 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

Tgt Ion: 152 Resp: 740296
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.2 10.8 16.2

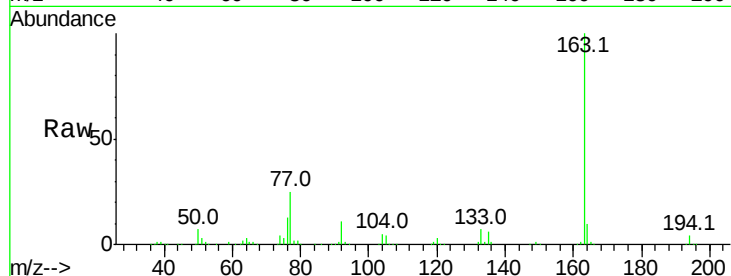




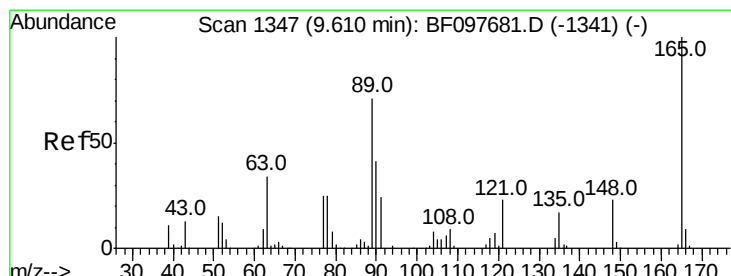
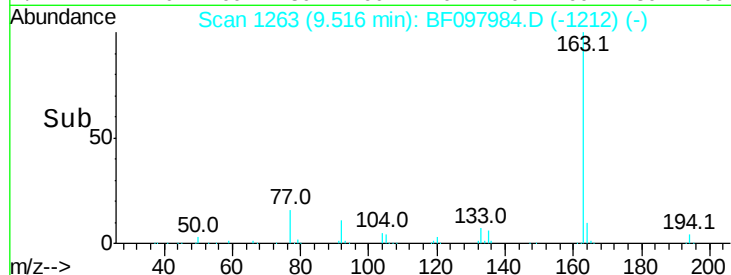
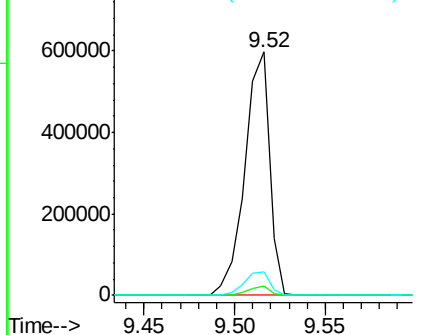
#49
Dimethylphthalate
Concen: 44.105 ng
RT: 9.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.9	8.4	12.6

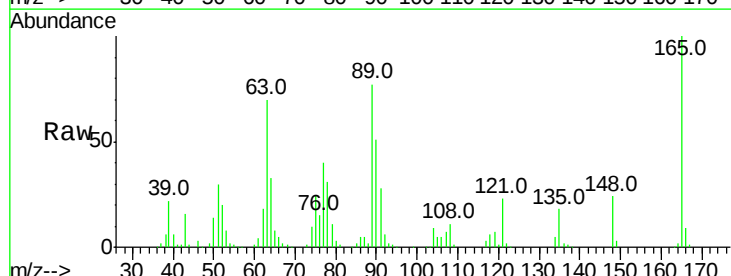


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

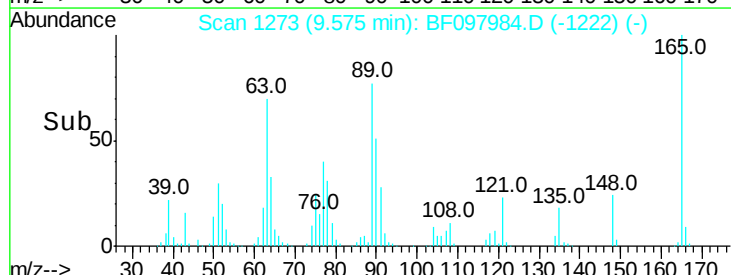
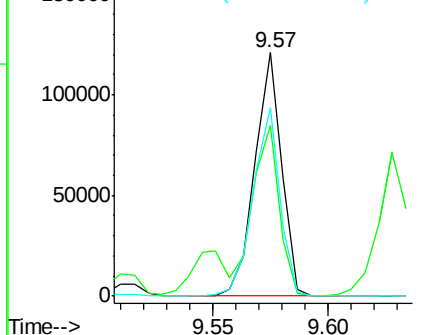


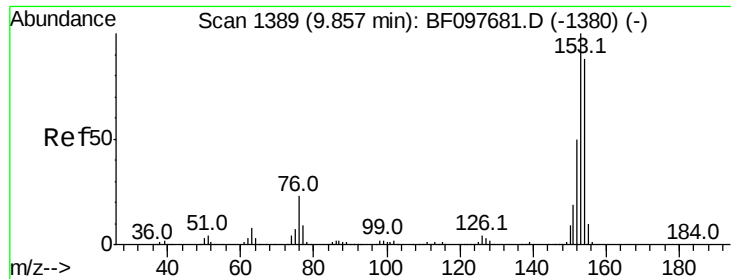
#50
2,6-Dinitrotoluene
Concen: 38.290 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	70.4	34.3	51.5#
89	77.3	37.1	55.7#



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





#51

Acenaphthene

Concen: 37.518 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

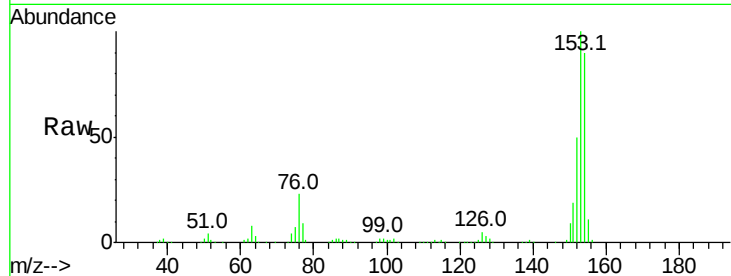
Tot Ion:154 Resp: 441343

Ion Ratio Lower Upper

154 100

153 110.6 90.5 135.7

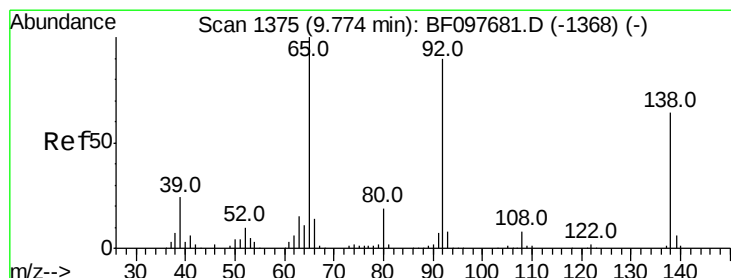
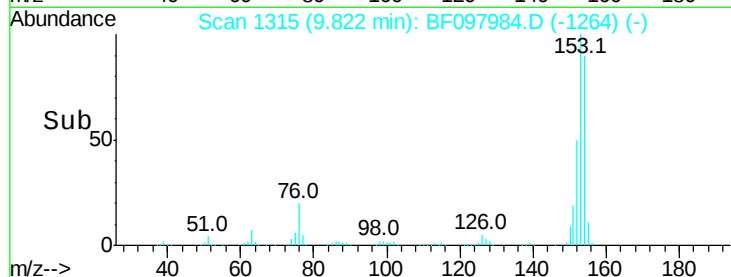
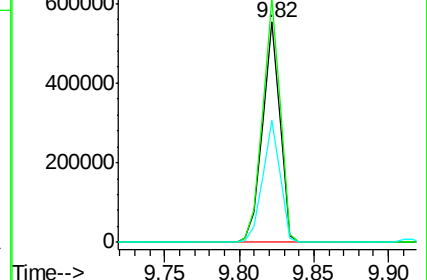
152 55.2 43.6 65.4



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: 44.392 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

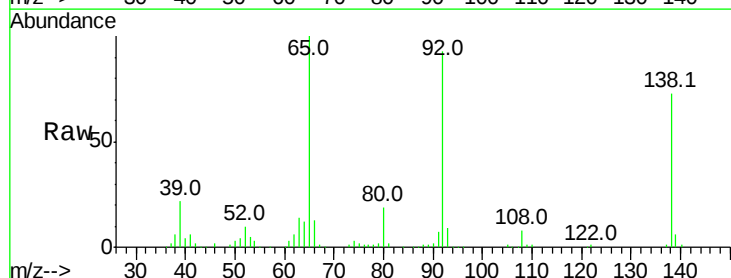
Tgt Ion:138 Resp: 147312

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

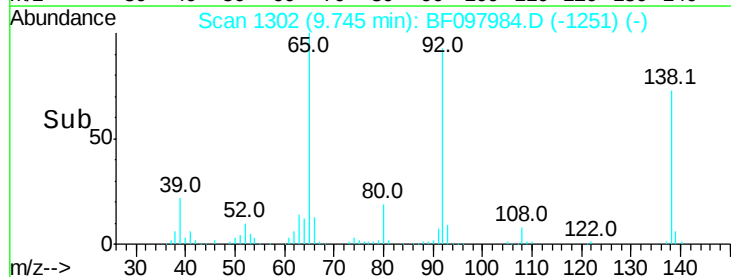
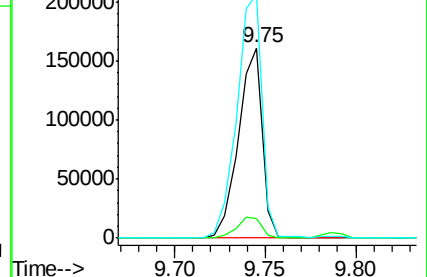
92 128.0 93.8 140.6

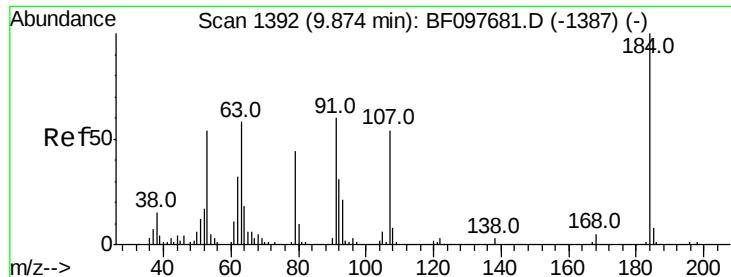


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

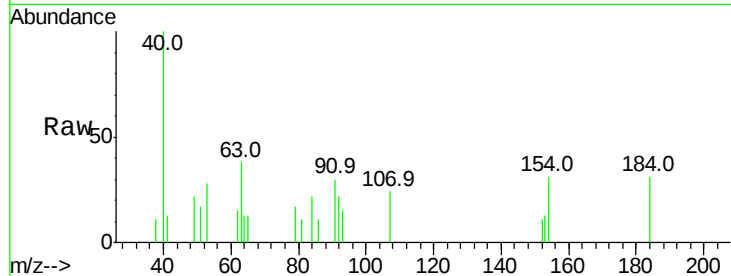




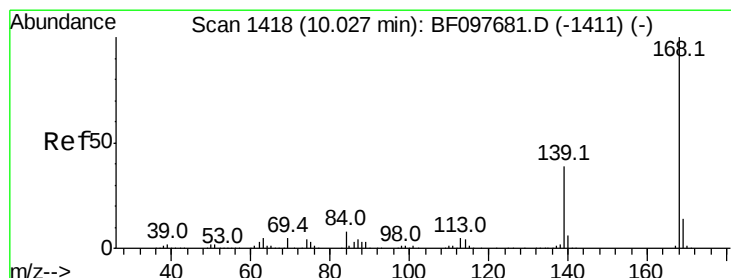
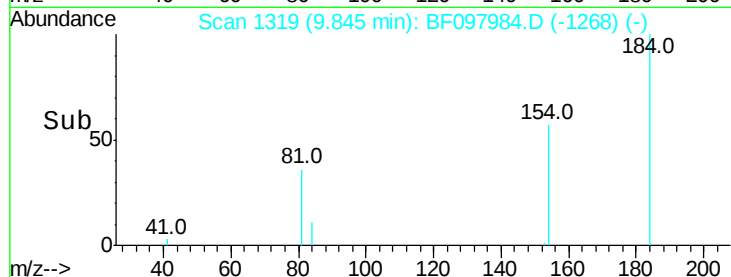
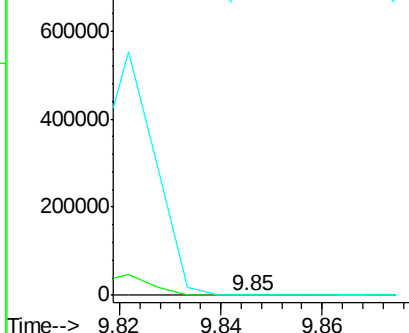
#53
 2,4-Dinitrophenol
 Concen: 10.538 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 555
 Ion Ratio Lower Upper
 184 100
 63 122.5 62.7 94.1#
 154 101.5 81.1 121.7

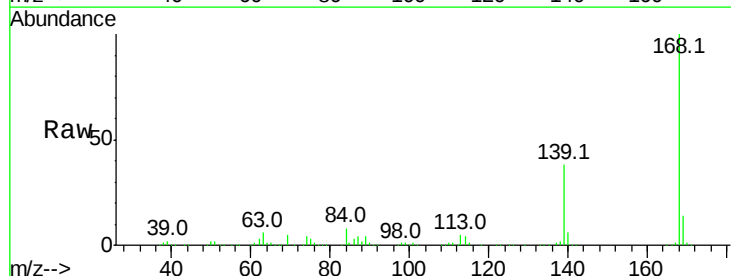


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

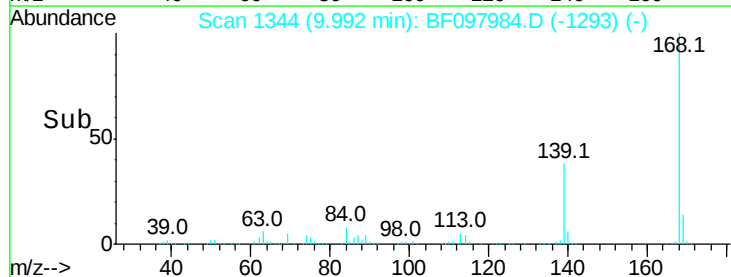
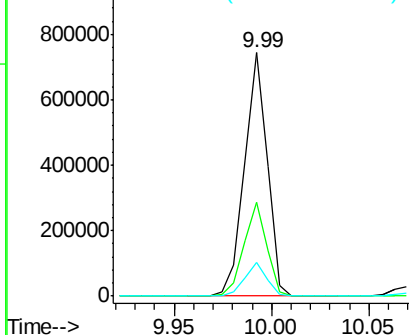


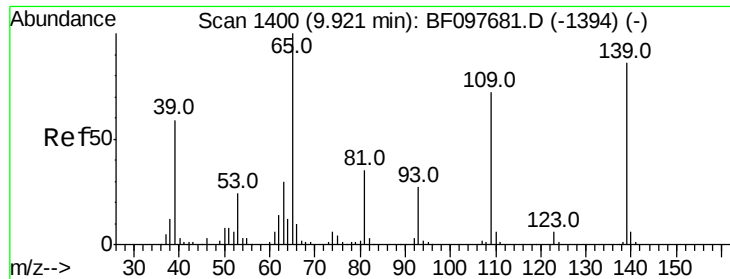
#54
 Dibenzofuran
 Concen: 38.094 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

Tgt Ion:168 Resp: 600570
 Ion Ratio Lower Upper
 168 100
 139 38.3 30.6 45.8
 169 13.7 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

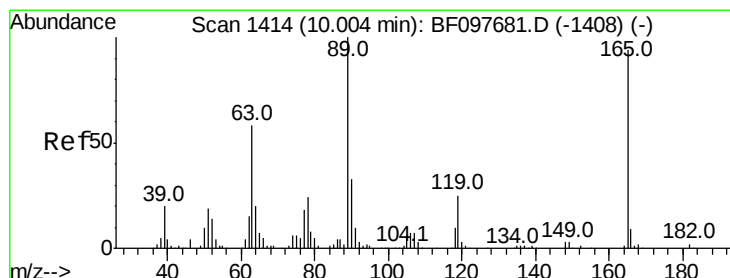
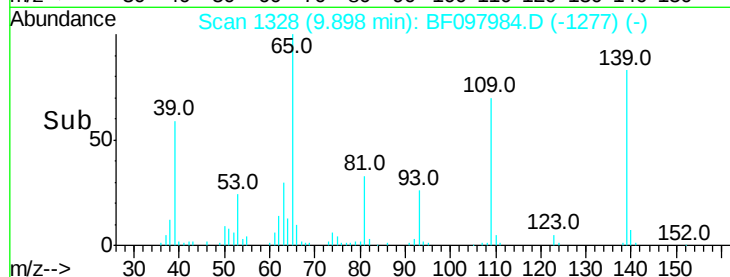
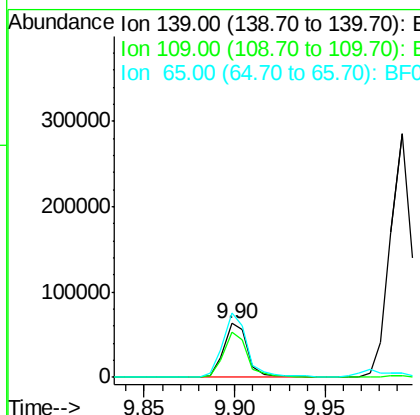
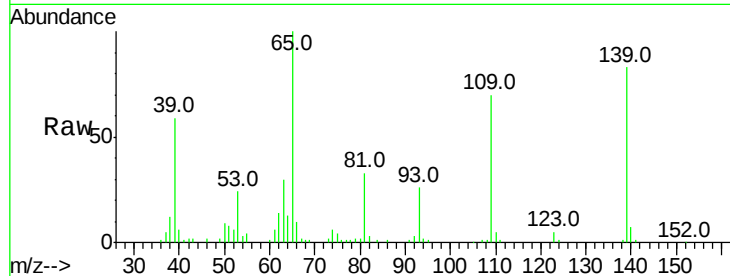




#55
4-Nitrophenol
Concen: 22.880 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

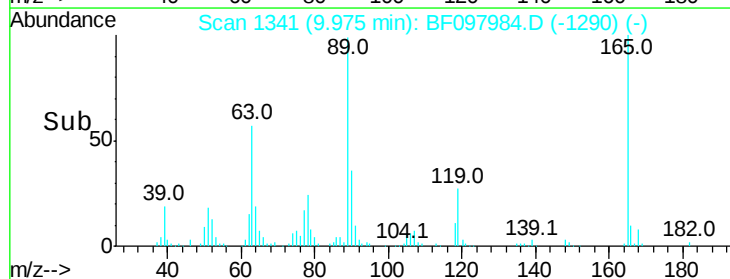
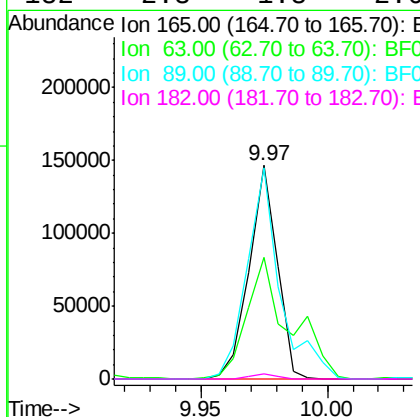
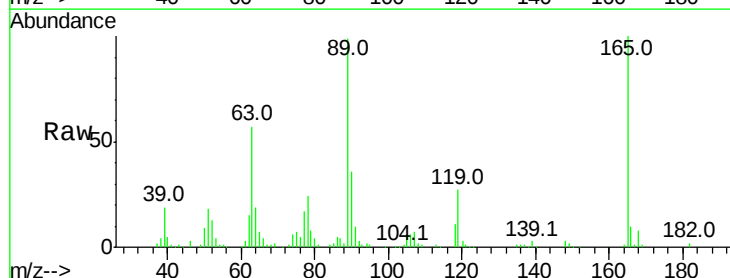
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

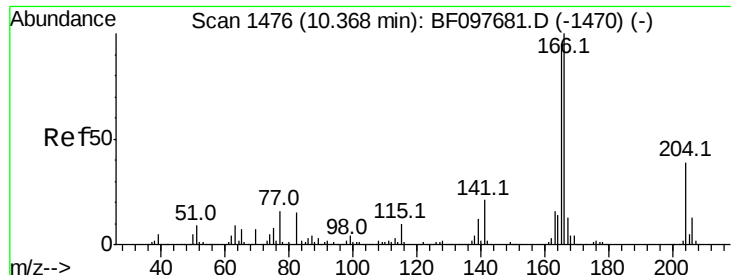
Tot Ion:139 Resp: 60568
Ion Ratio Lower Upper
139 100
109 83.8 34.1 74.1#
65 120.1 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 35.195 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

Tgt Ion:165 Resp: 113605
Ion Ratio Lower Upper
165 100
63 56.9 25.4 38.0#
89 99.1 46.4 69.6#
182 2.3 1.8 2.6

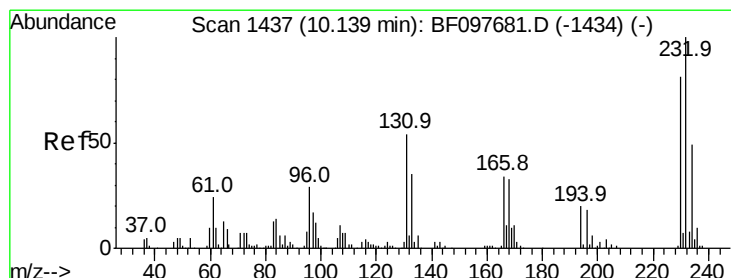
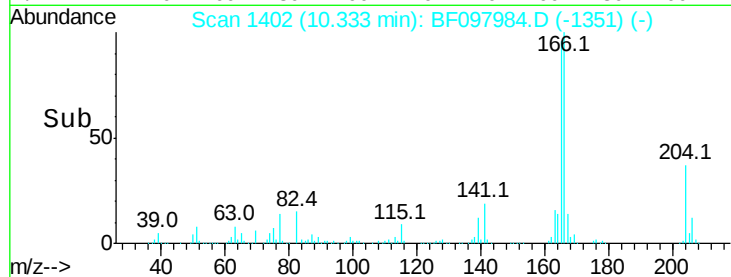
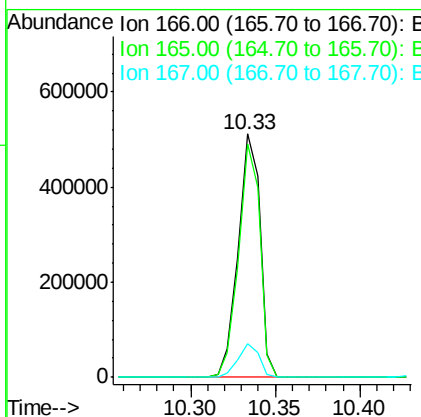
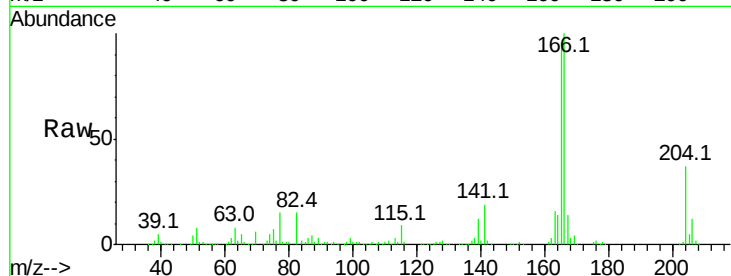




#57
 Fluorene
 Concen: 37.673 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

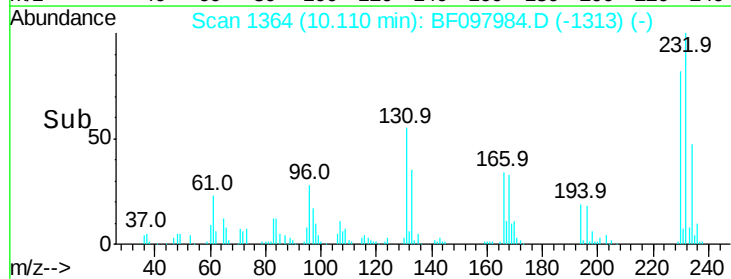
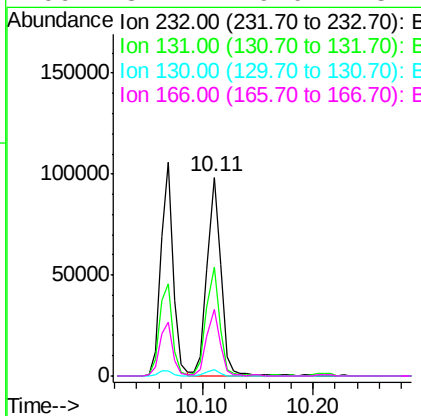
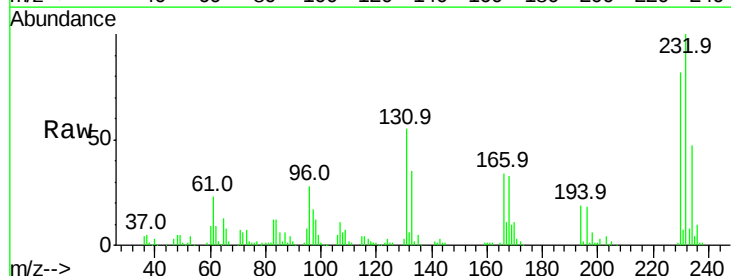
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

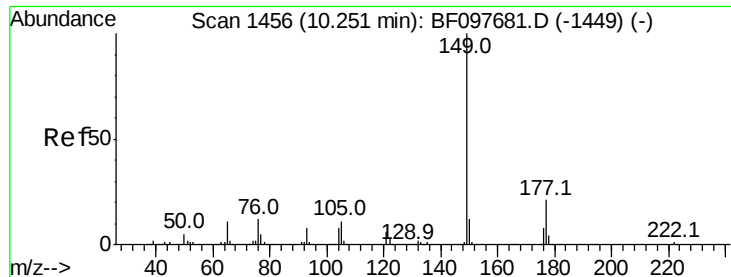
Tot Ion:166 Resp: 459199
 Ion Ratio Lower Upper
 166 100
 165 95.8 78.8 118.2
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.125 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

Tgt Ion:232 Resp: 84041
 Ion Ratio Lower Upper
 232 100
 131 53.1 44.8 67.2
 130 2.7 2.3 3.5
 166 32.4 29.0 43.4

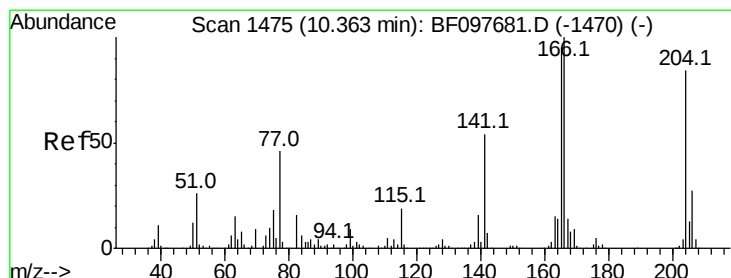
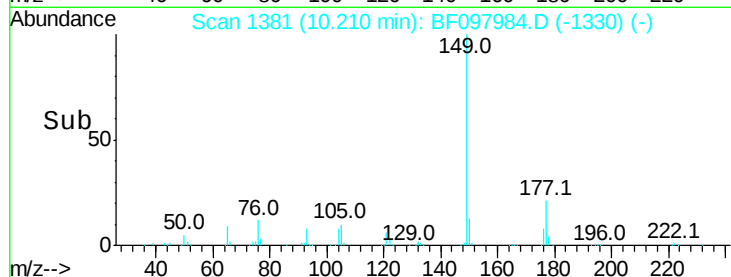
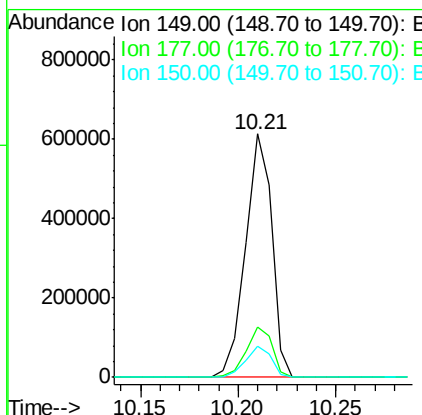
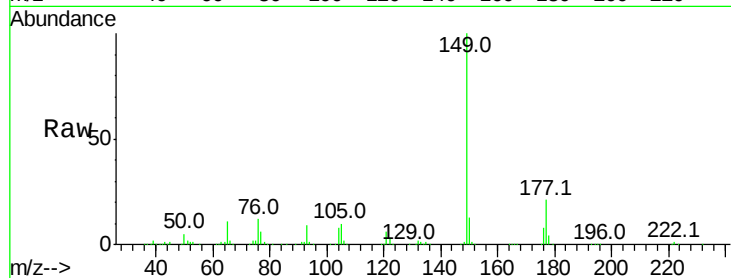




#59
Diethylphthalate
Concen: 42.634 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

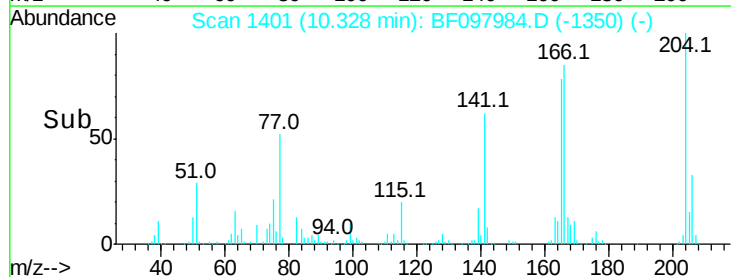
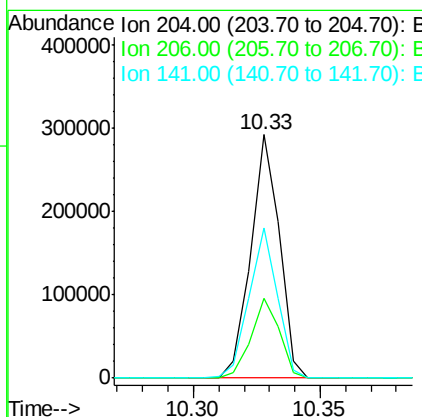
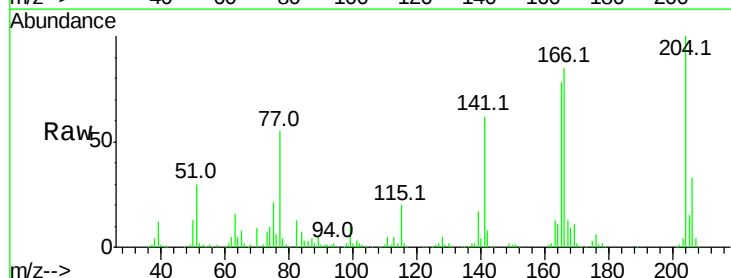
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

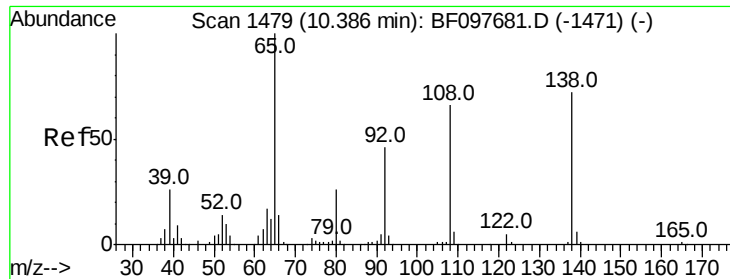
Tot Ion:149 Resp: 574485
Ion Ratio Lower Upper
149 100
177 20.5 16.7 25.1
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.538 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

Tgt Ion:204 Resp: 229557
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 61.5 60.8 91.2

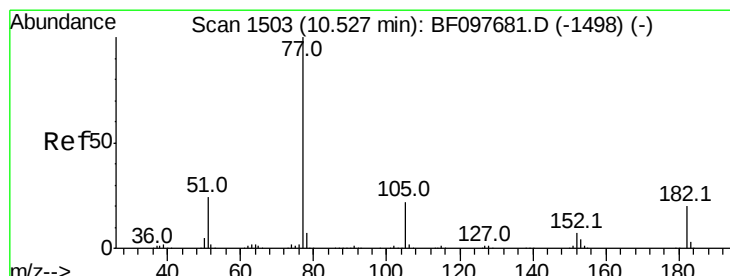
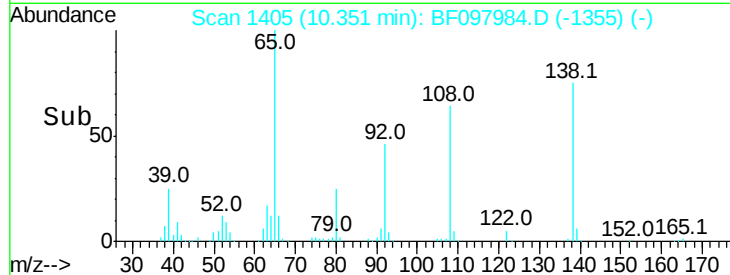
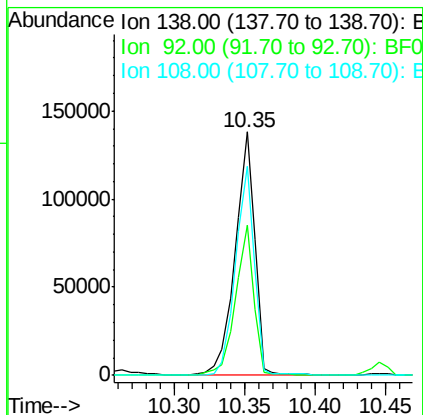
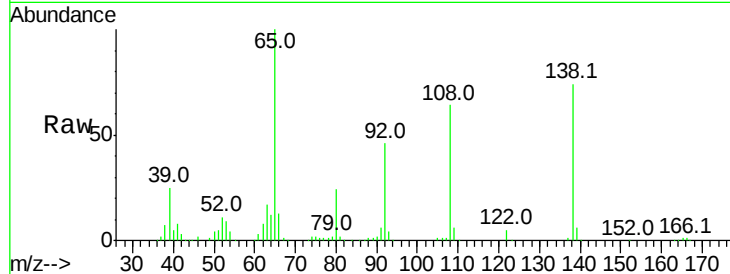




#61
4-Nitroaniline
Concen: 42.604 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

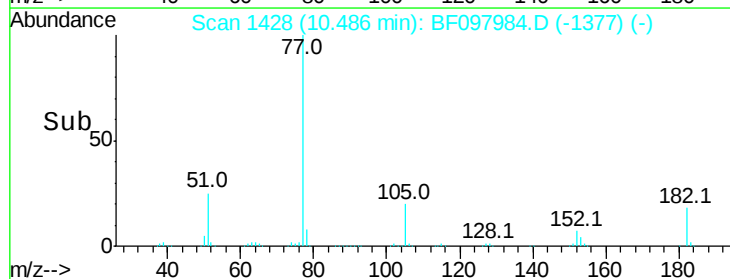
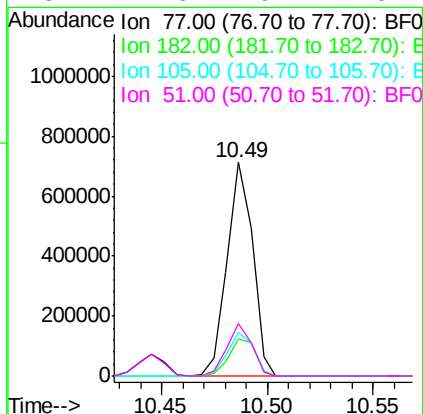
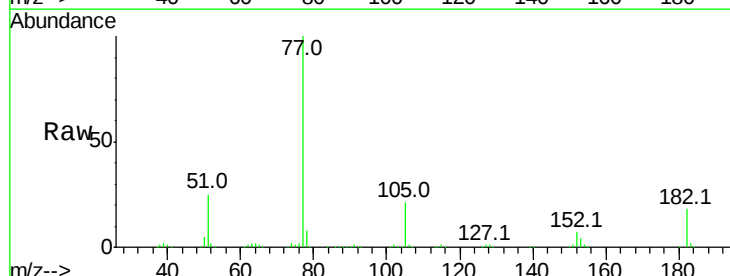
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

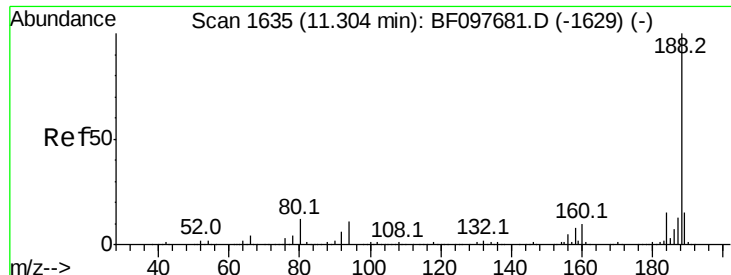
Tot Ion:138 Resp: 134372
Ion Ratio Lower Upper
138 100
92 61.6 21.8 61.8
108 86.1 42.3 82.3#



#62
Azobenzene
Concen: 37.289 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

Tgt Ion: 77 Resp: 596856
Ion Ratio Lower Upper
77 100
182 17.6 0.1 40.1
105 20.6 3.6 43.6
51 24.6 9.4 49.4

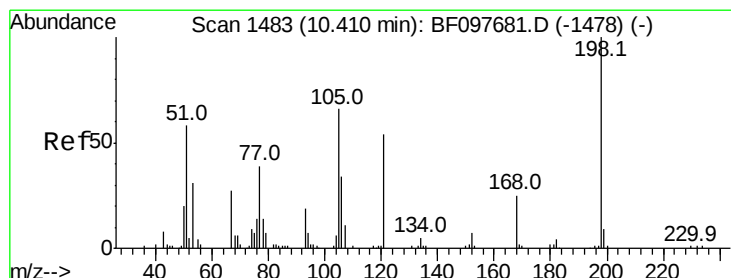
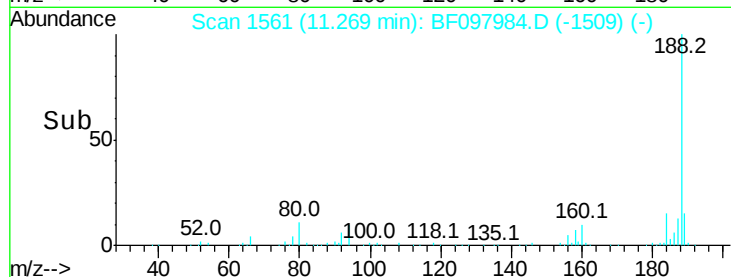
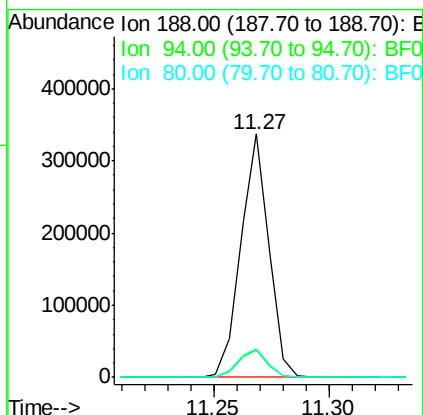
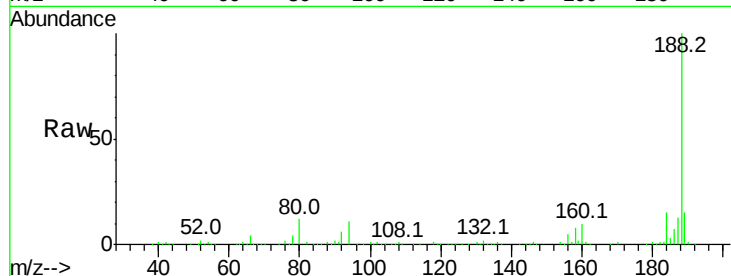




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

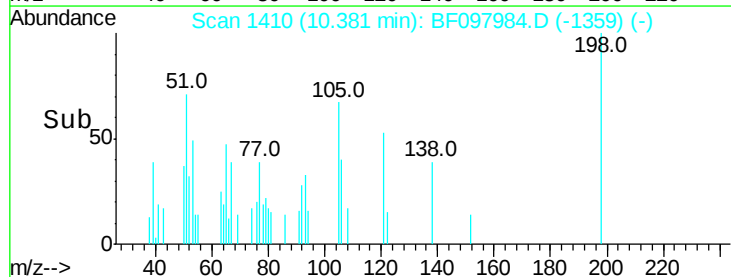
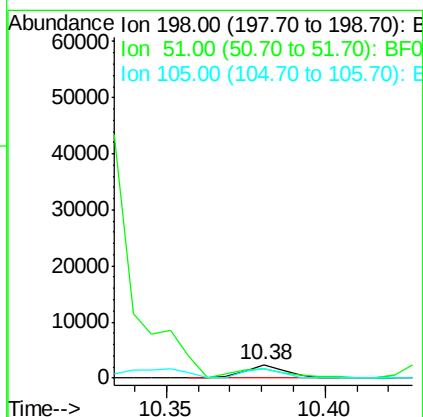
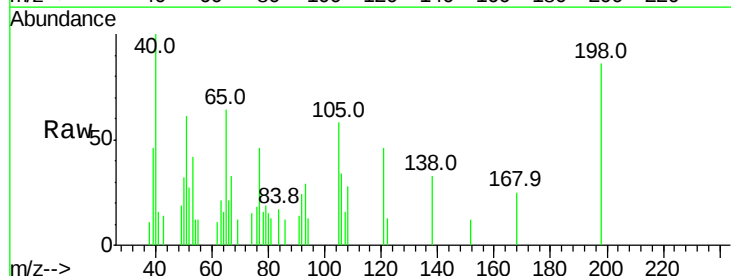
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

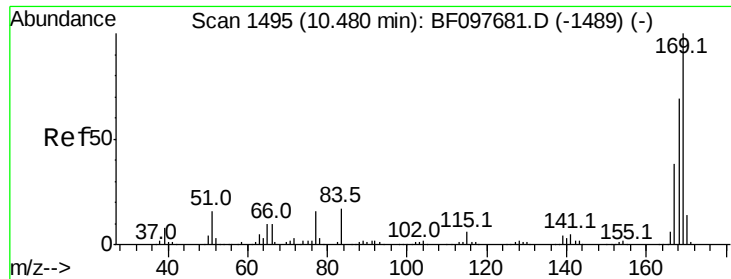
Tot Ion:188 Resp: 285300
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 11.6 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.596 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

Tgt Ion:198 Resp: 2074
 Ion Ratio Lower Upper
 198 100
 51 70.8 53.2 93.2
 105 67.5 45.8 85.8

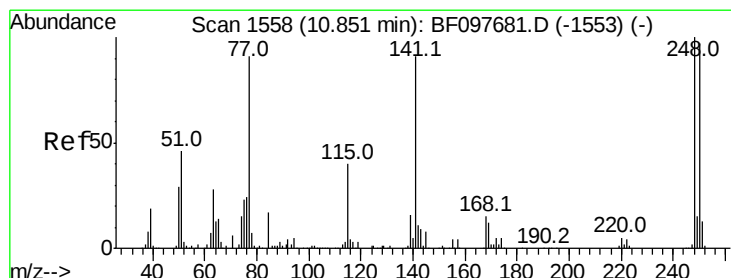
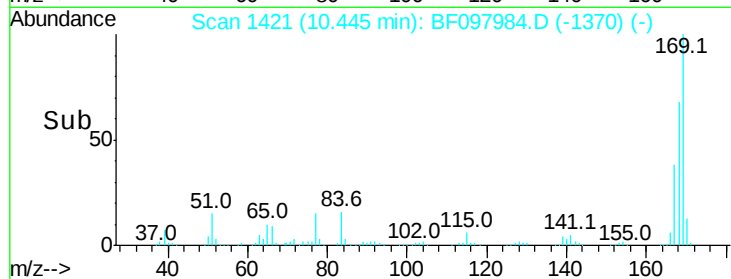
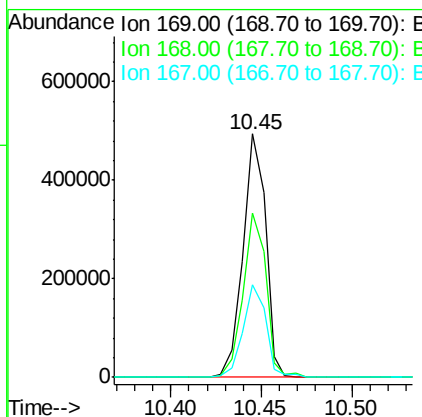
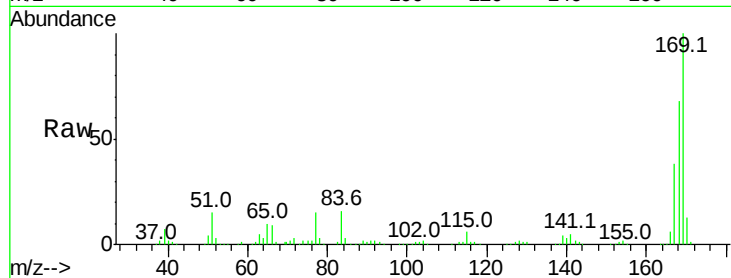




#65
 n-Nitrosodiphenylamine
 Concen: 44.073 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

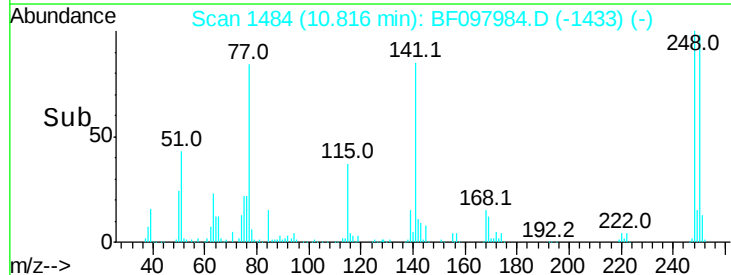
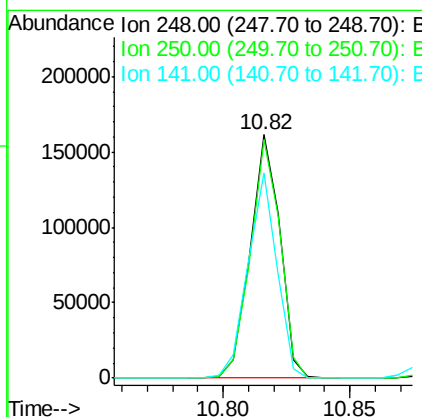
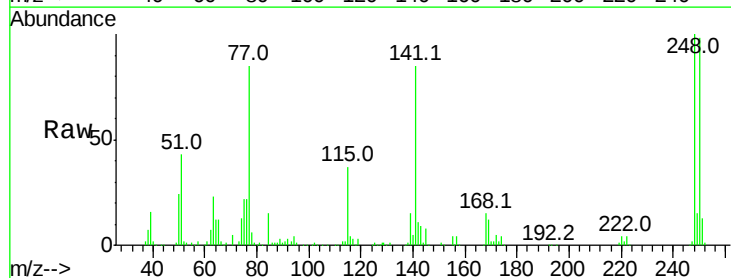
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

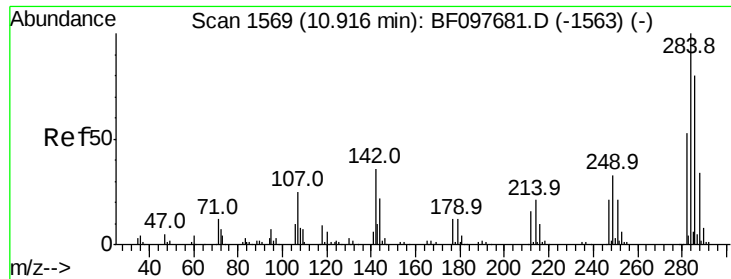
Tot Ion:169 Resp: 428180
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.2 79.8
 167 37.9 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 44.470 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

Tgt Ion:248 Resp: 131749
 Ion Ratio Lower Upper
 248 100
 250 98.1 76.8 115.2
 141 84.5 68.6 103.0

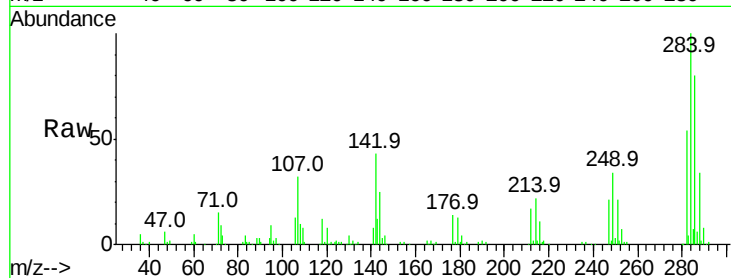




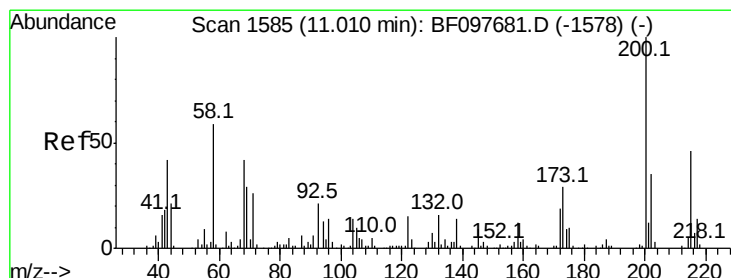
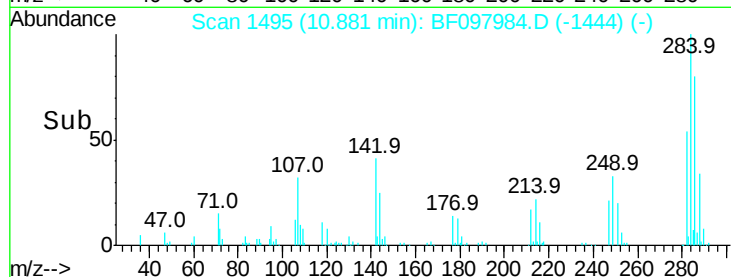
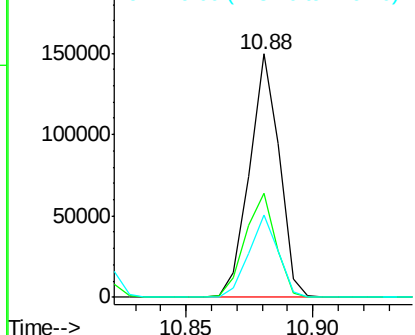
#67
Hexachlorobenzene
Concen: 40.574 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	42.6	22.8	34.2#
249	33.7	24.0	36.0

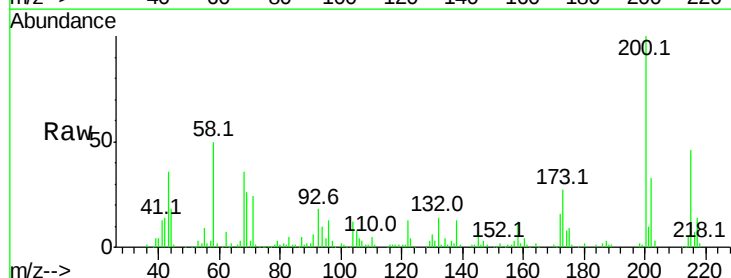


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

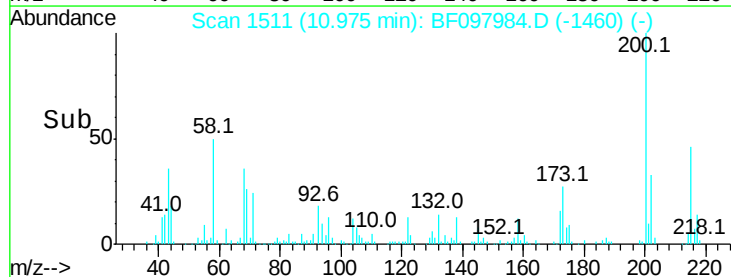
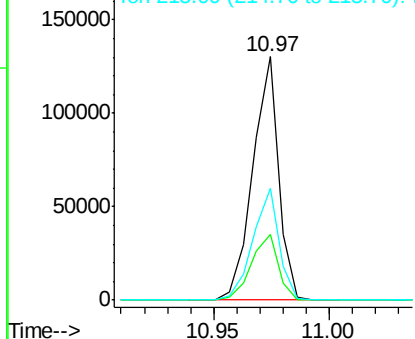


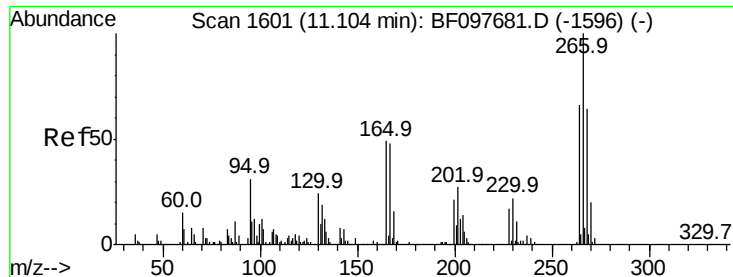
#68
Atrazine
Concen: 39.609 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.3	46.3
215	45.7	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

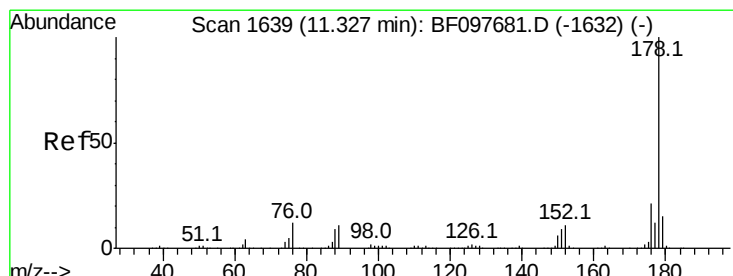
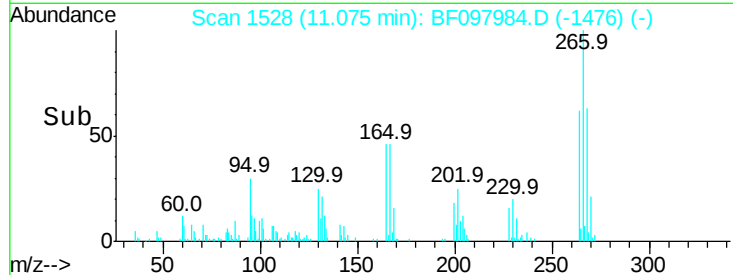
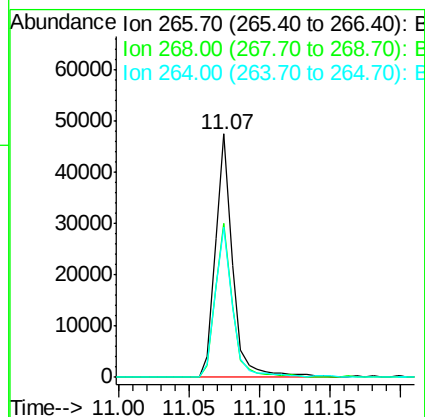
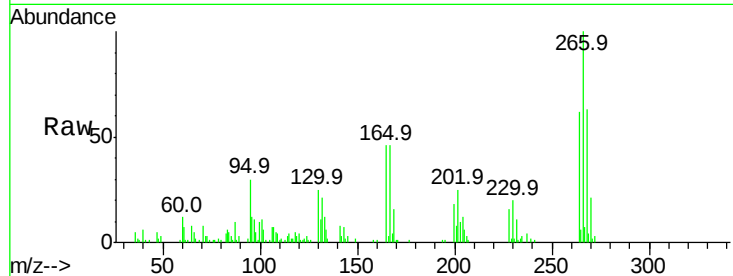




#69
 Pentachlorophenol
 Concen: 23.024 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

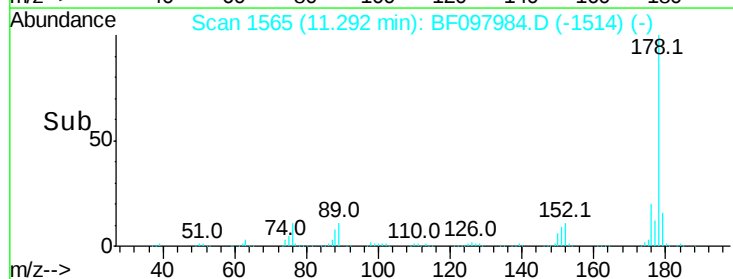
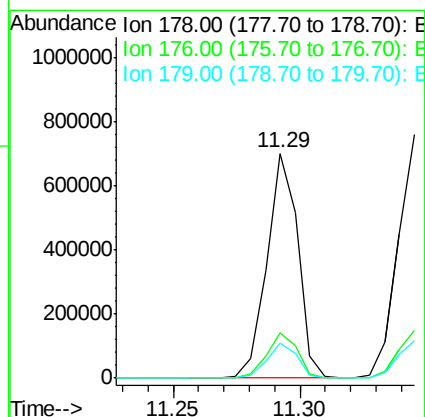
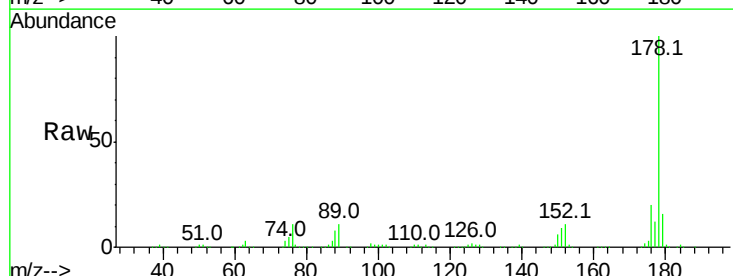
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

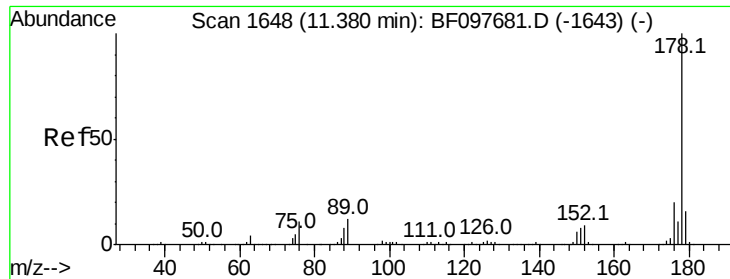
Tot Ion:266 Resp: 40538
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.1 76.7
 264 61.8 51.7 77.5



#70
 Phenanthrene
 Concen: 39.347 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

Tgt Ion:178 Resp: 598181
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 15.5 12.6 19.0





#71

Anthracene

Concen: 39.608 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

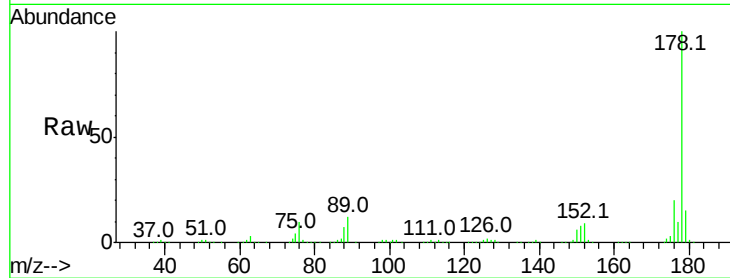
Tot Ion:178 Resp: 610738

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

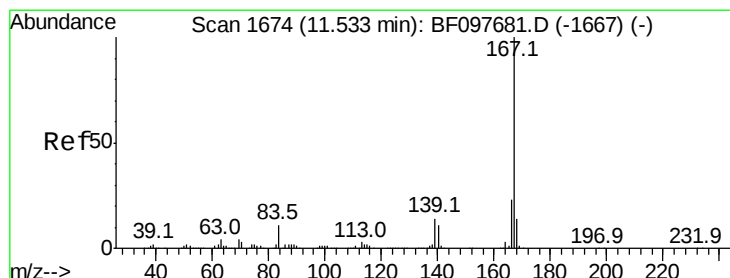
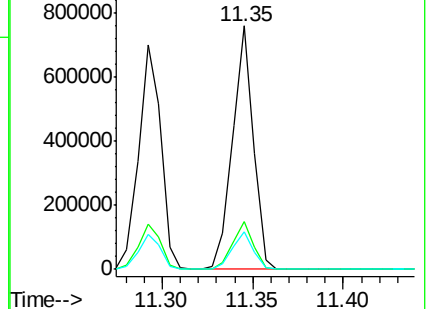
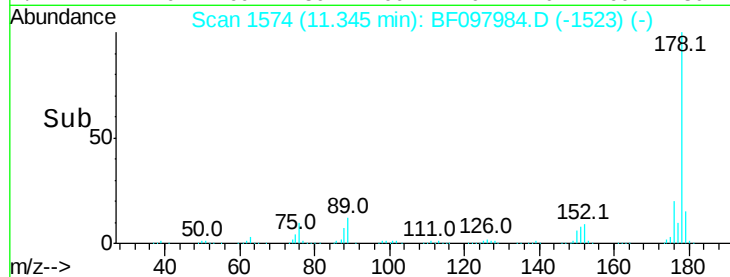
179 15.3 12.7 19.1



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: 38.828 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

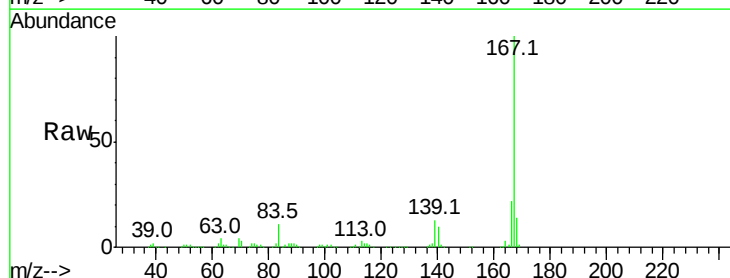
Tgt Ion:167 Resp: 568305

Ion Ratio Lower Upper

167 100

166 21.8 18.1 27.1

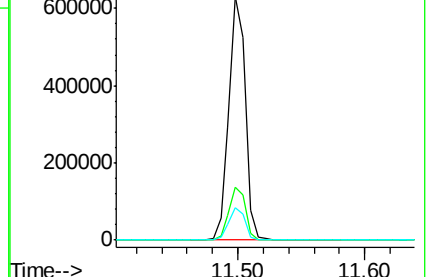
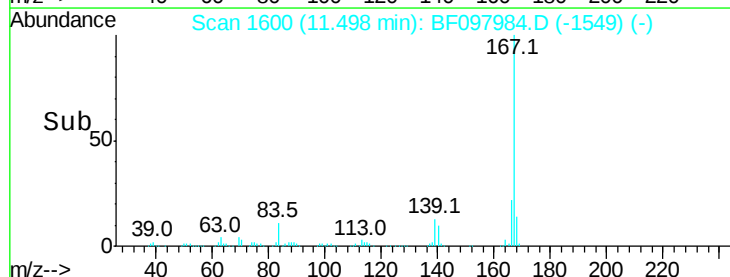
139 13.5 11.7 17.5

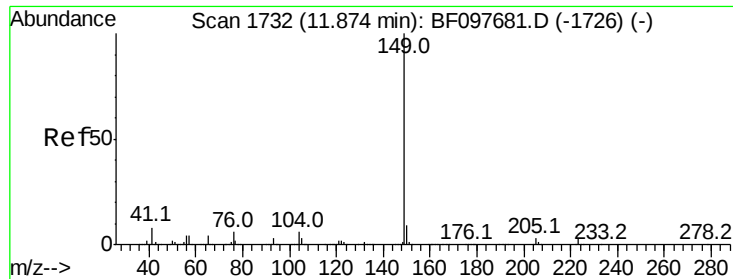


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

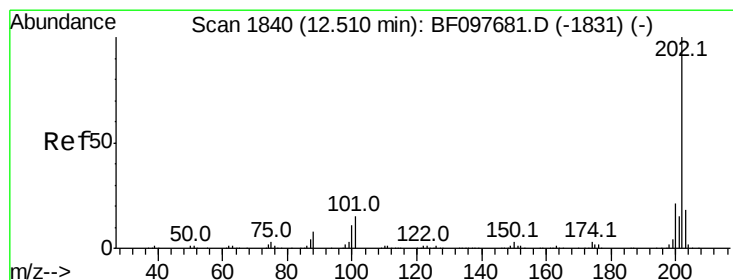
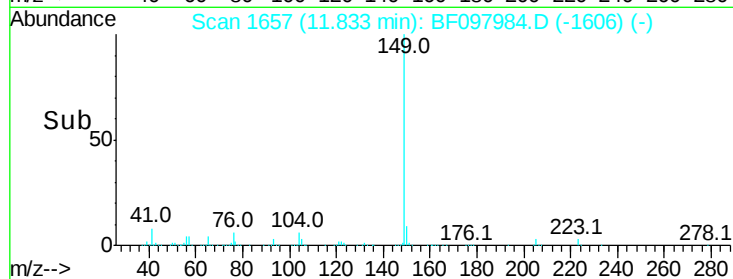
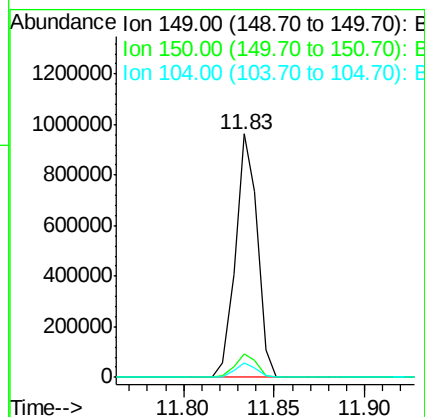
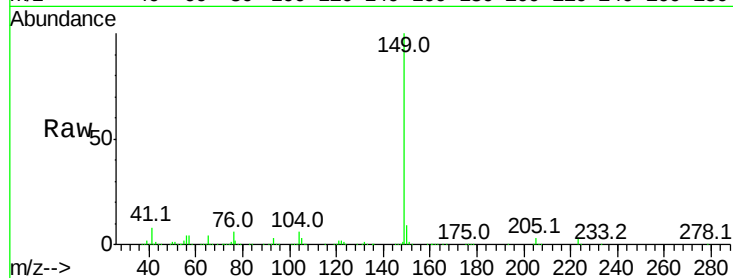




#73
Di-n-butylphthalate
Concen: 47.631 ng
RT: 11.83 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

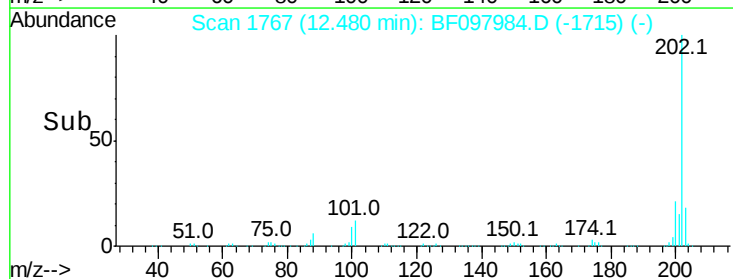
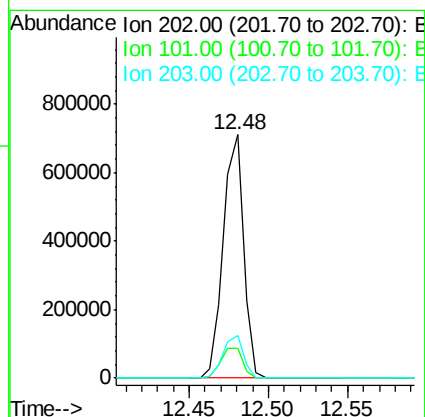
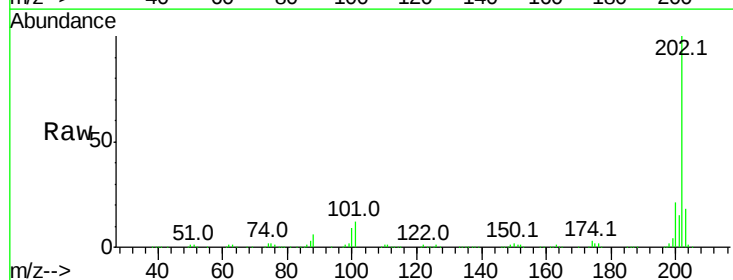
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

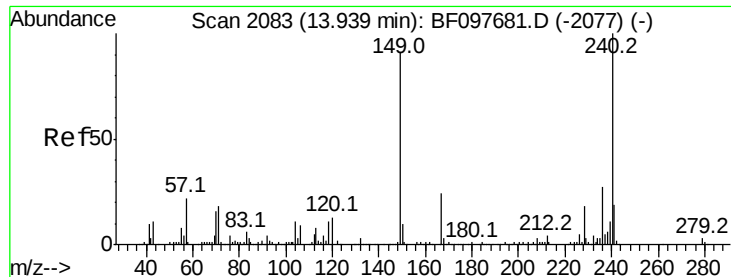
Tot Ion:149 Resp: 803019
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 5.7 4.0 6.0



#74
Fluoranthene
Concen: 40.032 ng
RT: 12.48 min Scan# 1767
Delta R.T. 0.01 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

Tgt Ion:202 Resp: 635242
Ion Ratio Lower Upper
202 100
101 12.2 0.0 33.2
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

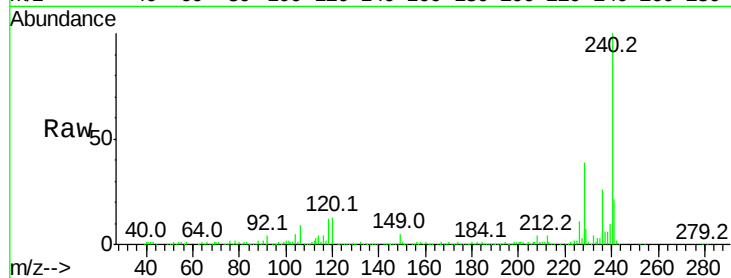
Tot Ion:240 Resp: 239657

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

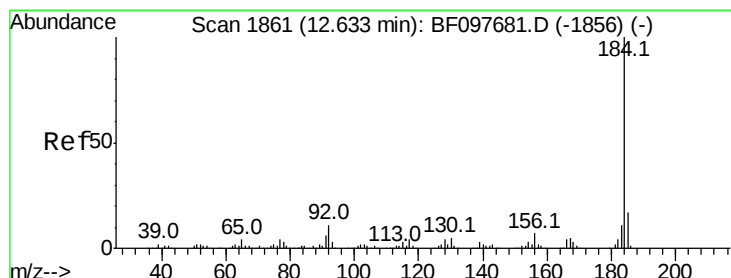
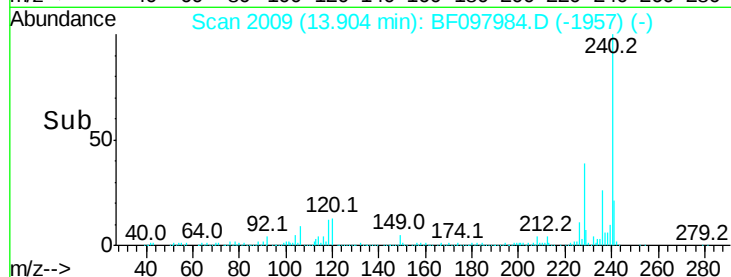
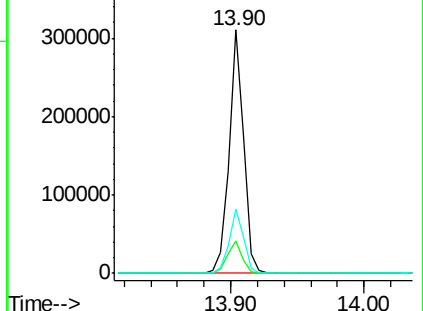
236 26.4 20.5 30.7



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: 33.381 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

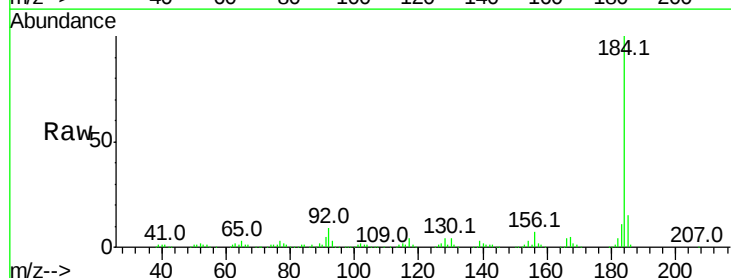
Tgt Ion:184 Resp: 262298

Ion Ratio Lower Upper

184 100

185 15.5 15.5 23.3#

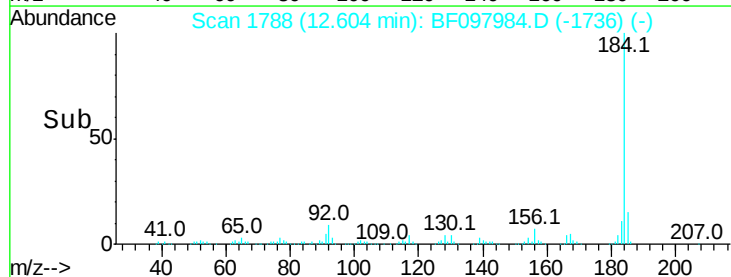
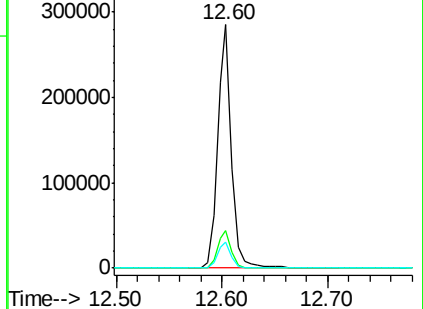
183 10.7 9.8 14.6

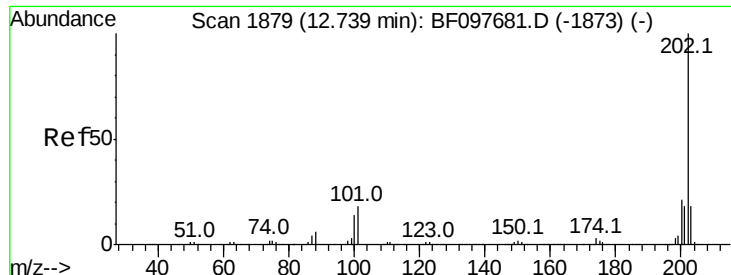


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

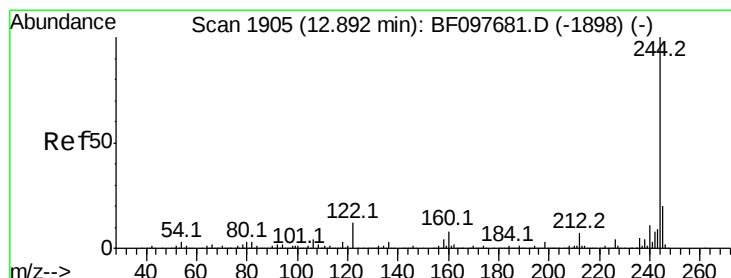
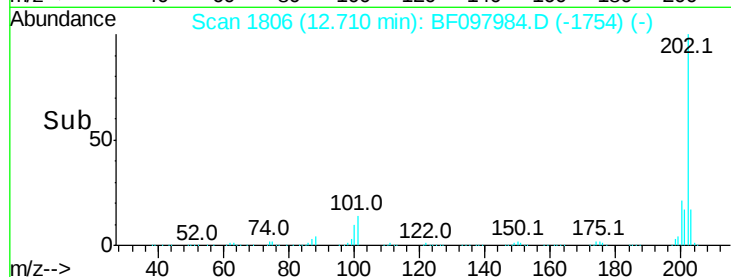
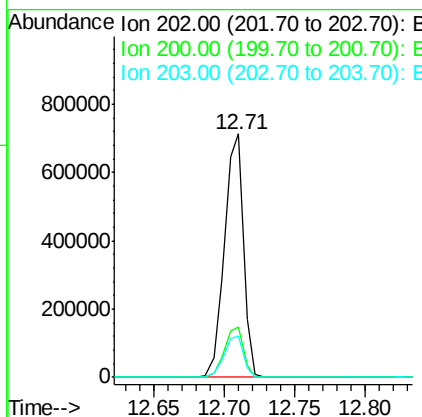
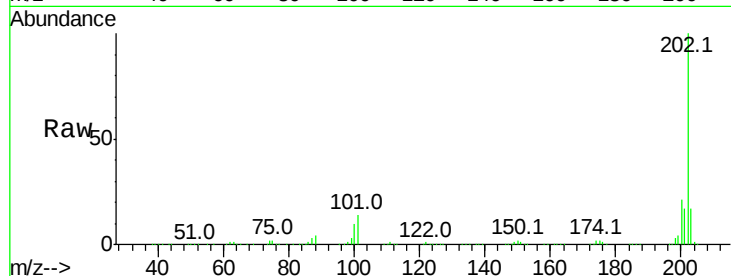




#77
 Pvrene
 Concen: 33.984 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

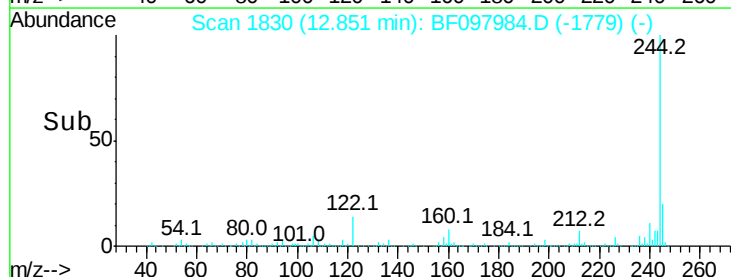
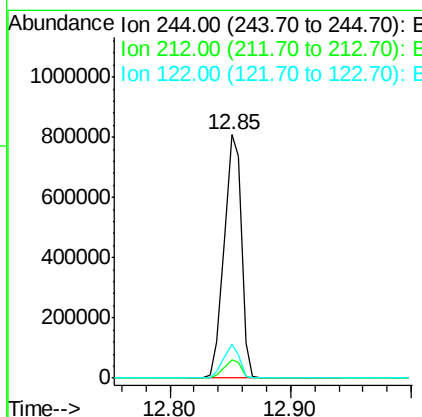
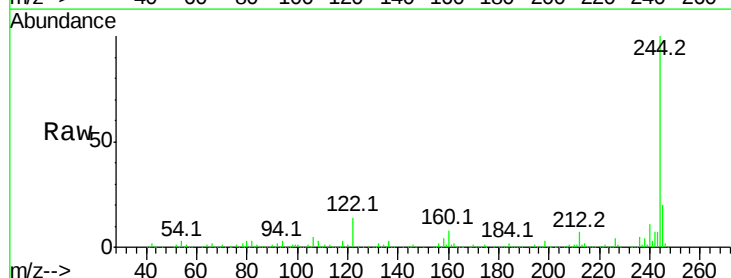
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

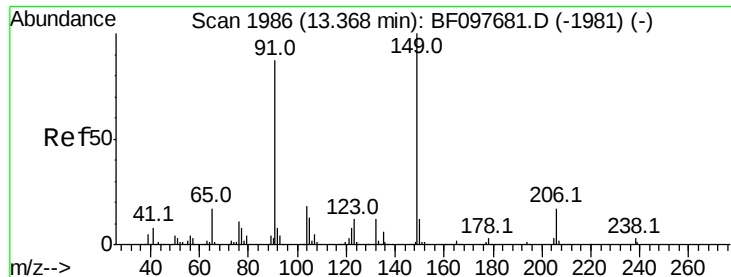
Tot Ion:202 Resp: 666120
 Ion Ratio Lower Upper
 202 100
 200 20.7 17.6 26.4
 203 17.1 14.4 21.6



#78
 Terphenyl-d14
 Concen: 69.413 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. 0.00 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

Tgt Ion:244 Resp: 797732
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.8 10.3 15.5

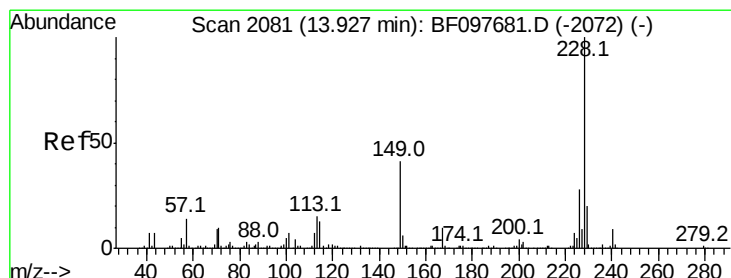
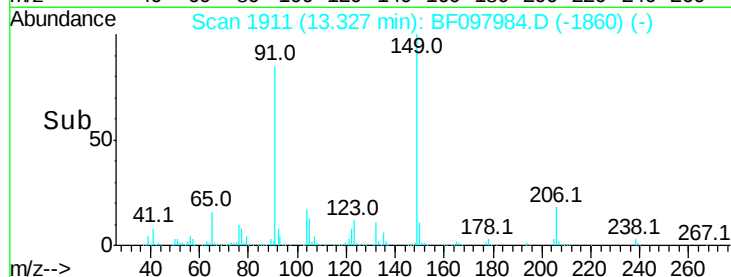
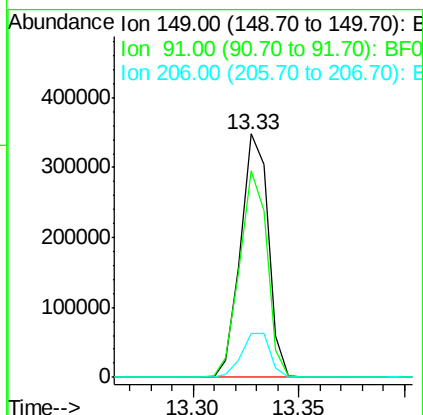
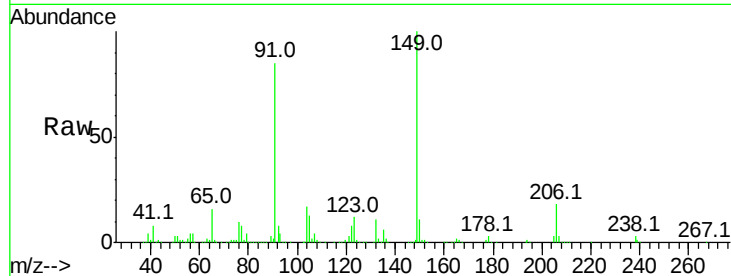




#79
Butylbenzylphthalate
Concen: 42.202 ng
RT: 13.33 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

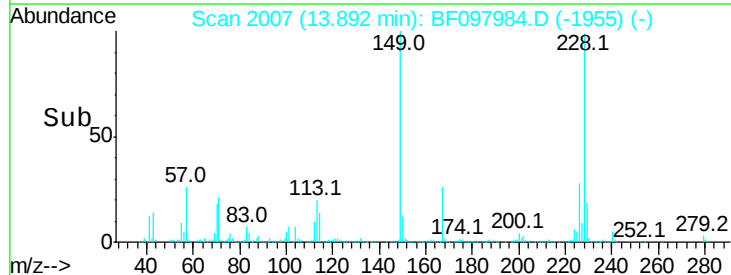
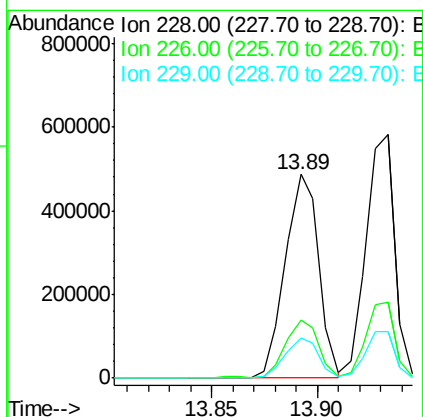
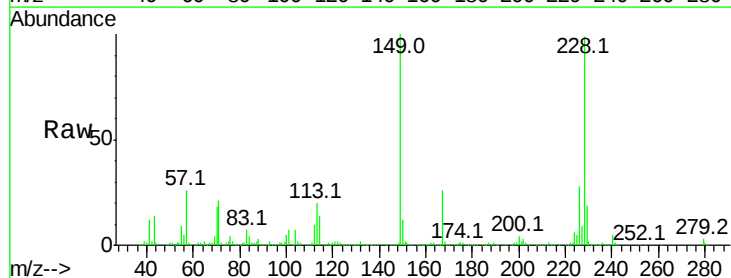
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

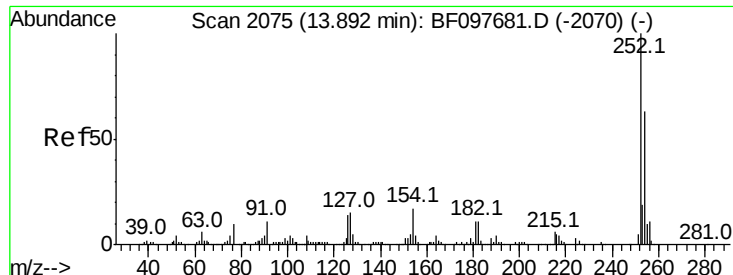
Tot Ion	Ratio	Lower	Upper
149	100		
91	85.0	45.0	67.4#
206	18.2	17.0	25.6



#80
Benzo(a)anthracene
Concen: 37.507 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF097984.D
Acq: 23 Aug 2017 6:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	19.7	16.3	24.5

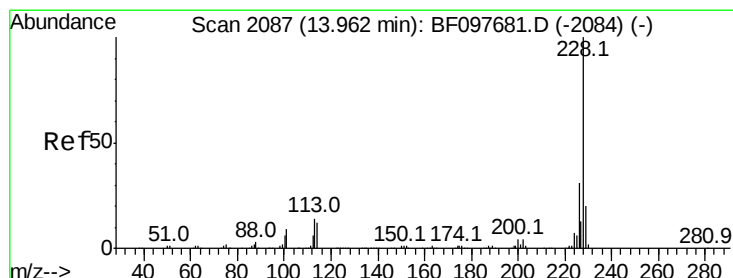
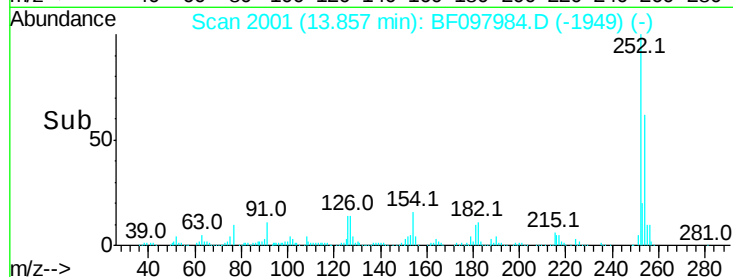
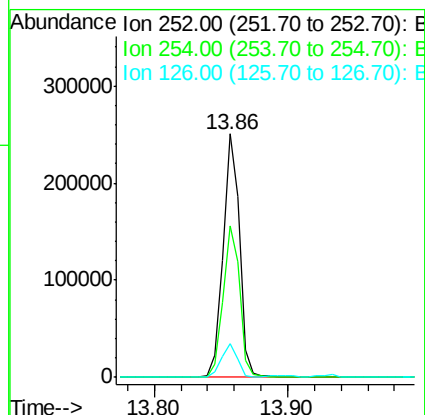
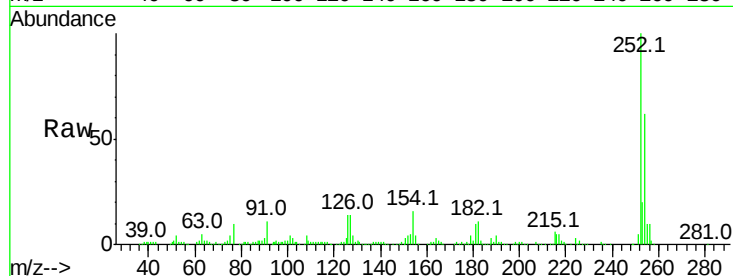




#81
 3,3'-Dichlorobenzidine
 Concen: 45.258 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

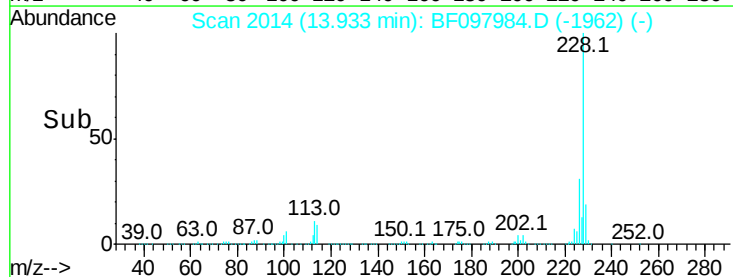
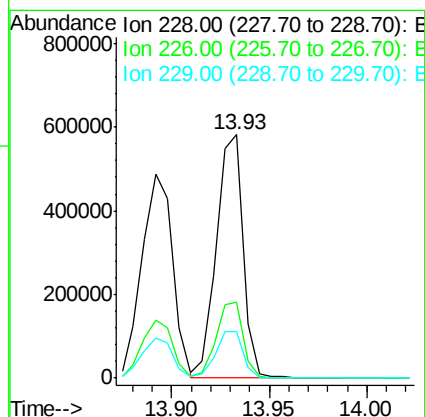
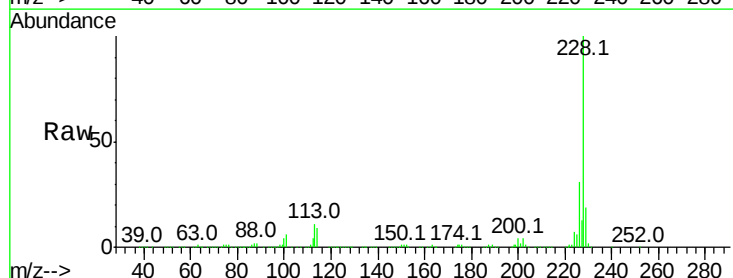
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

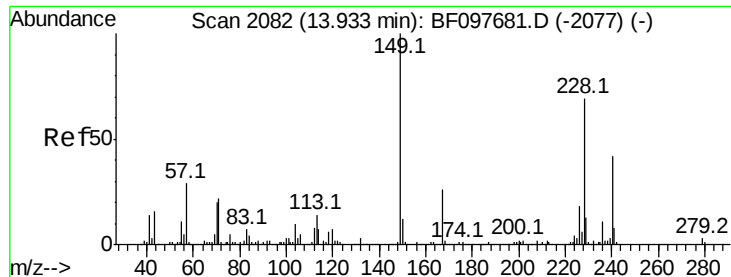
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.1	51.5	77.3
126	13.7	15.8	23.8#



#82
 Chrysene
 Concen: 38.548 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF097984.D
 Acq: 23 Aug 2017 6:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	19.3	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.665 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

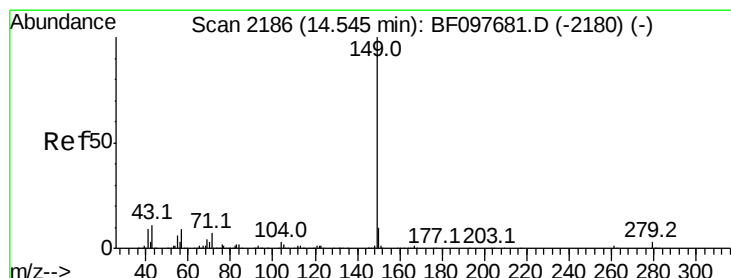
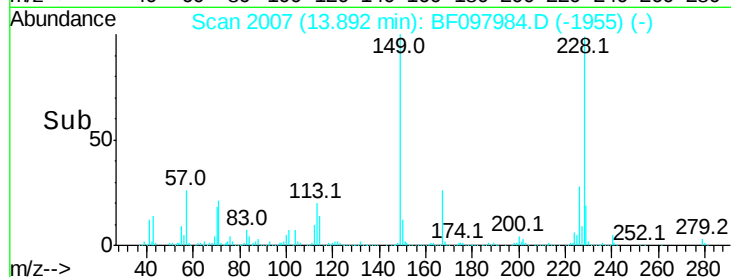
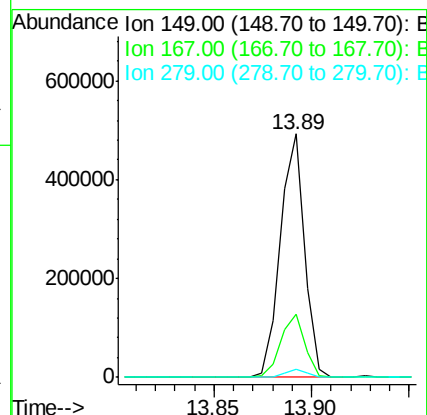
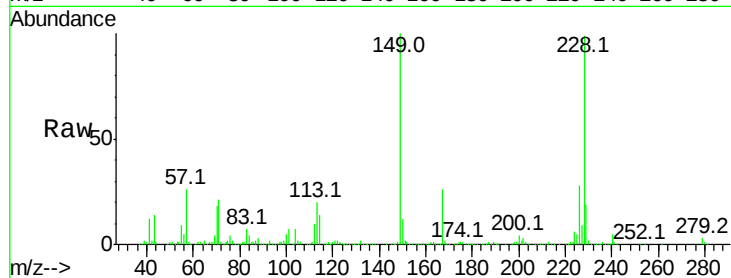
Tot Ion:149 Resp: 421915

Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

279 3.2 1.9 2.9#



#84

Di-n-octyl phthalate

Concen: 57.423 ng

RT: 14.50 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

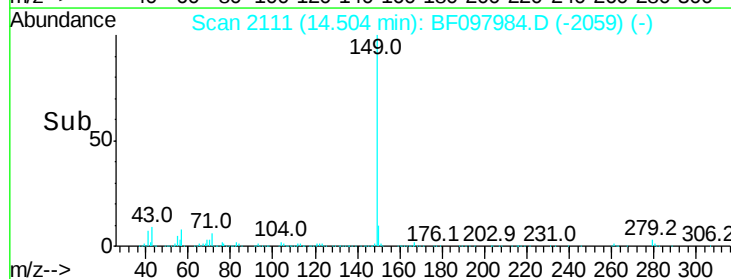
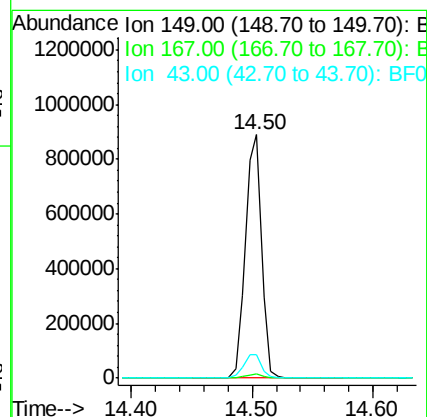
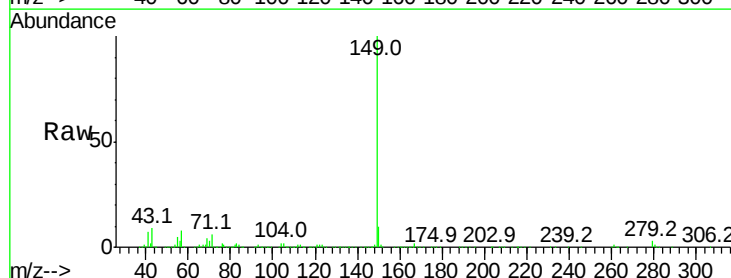
Tgt Ion:149 Resp: 832037

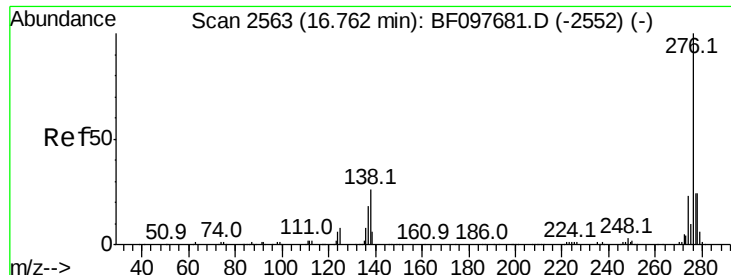
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.2 8.5 12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.197 ng

RT: 16.70 min Scan# 2485

Delta R.T. 0.02 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

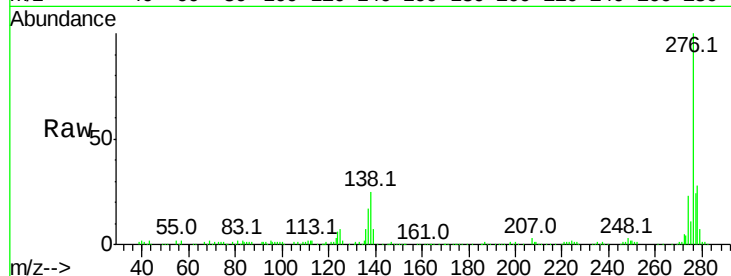
Tot Ion:276 Resp: 359449

Ion Ratio Lower Upper

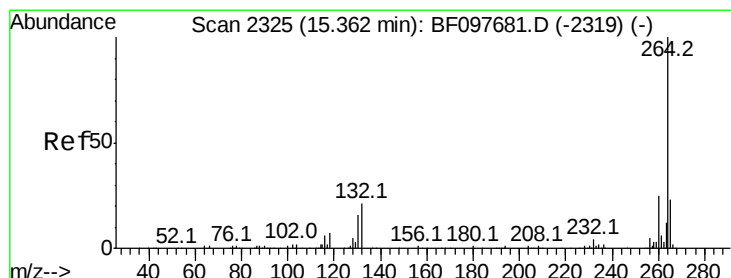
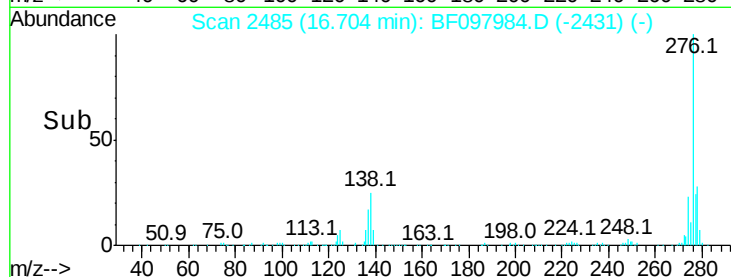
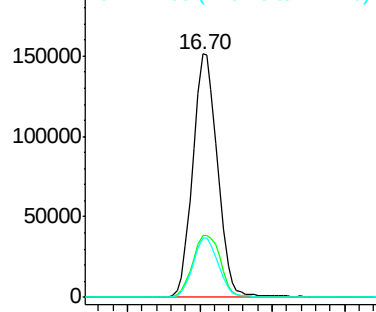
276 100

138 28.8 27.8 41.6

277 25.2 20.2 30.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2250

Delta R.T. 0.01 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

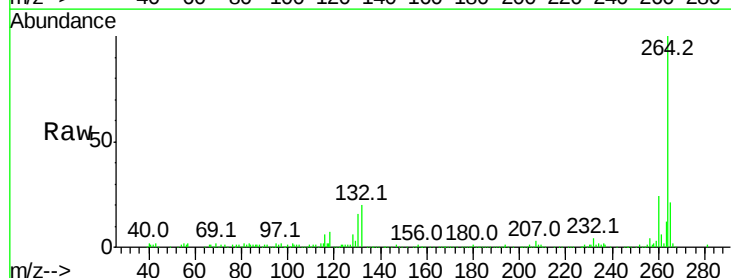
Tgt Ion:264 Resp: 185125

Ion Ratio Lower Upper

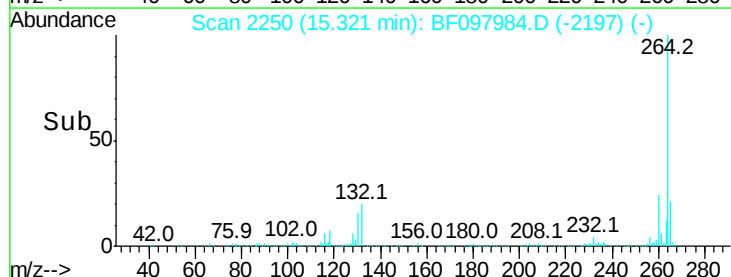
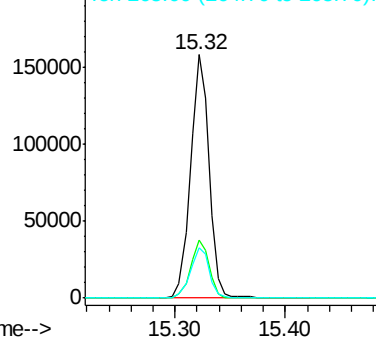
264 100

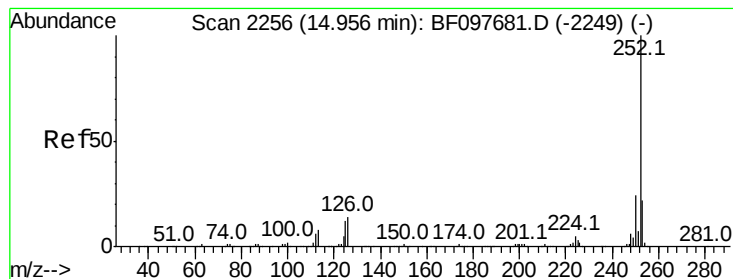
260 23.9 19.5 29.3

265 20.8 17.2 25.8



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





#87

Benzo(b)fluoranthene

Concen: 42.079 ng

RT: 14.92 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

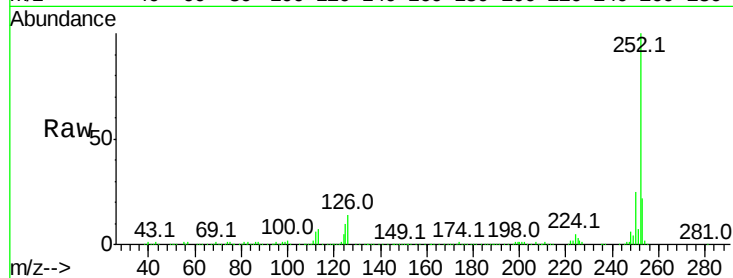
Tot Ion:252 Resp: 491015

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

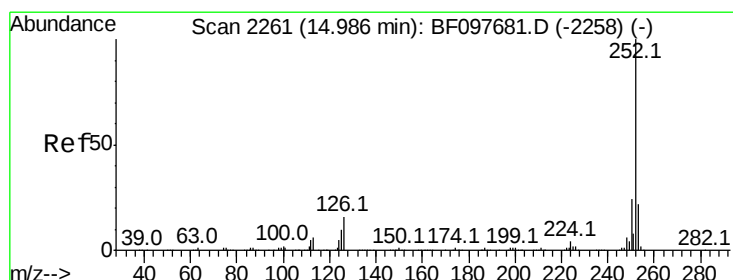
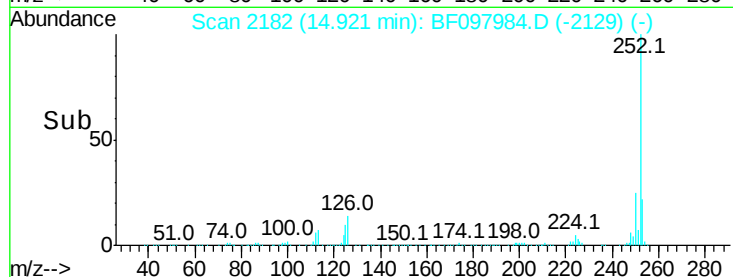
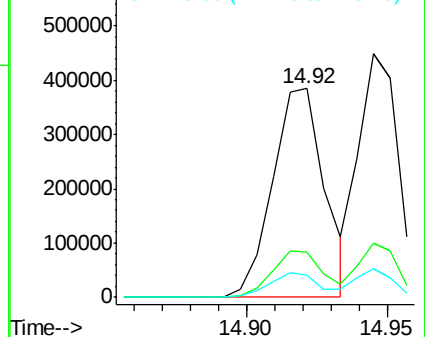
125 10.4 9.8 14.8



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: 40.355 ng

RT: 14.94 min Scan# 2186

Delta R.T. 0.01 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

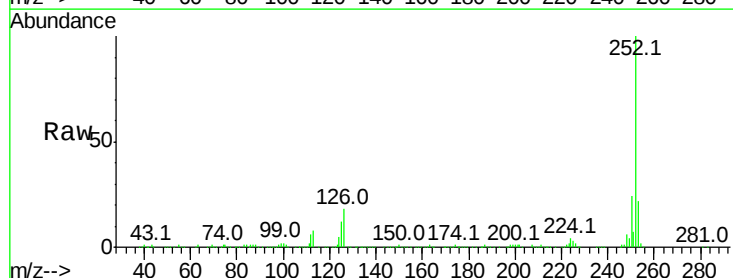
Tgt Ion:252 Resp: 442412

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

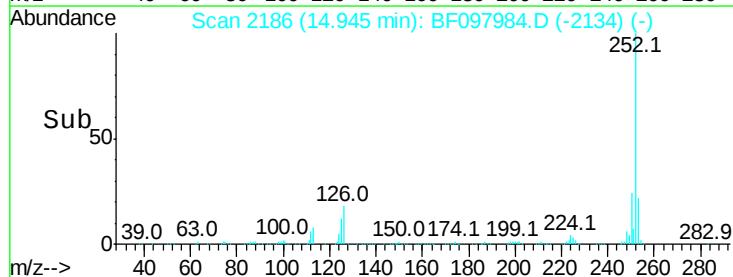
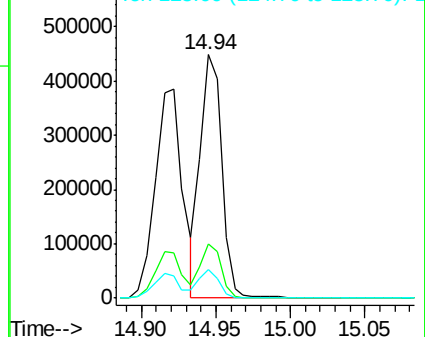
125 11.7 13.1 19.7#

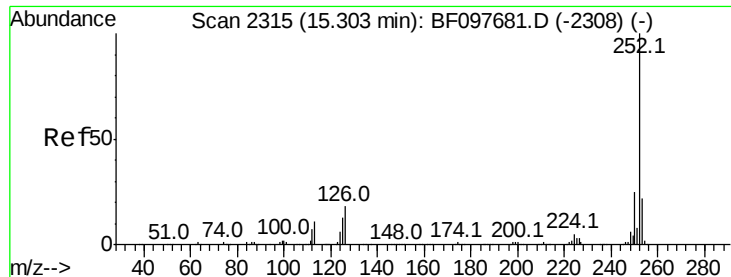


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.283 ng

RT: 15.27 min Scan# 2241

Delta R.T. 0.01 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

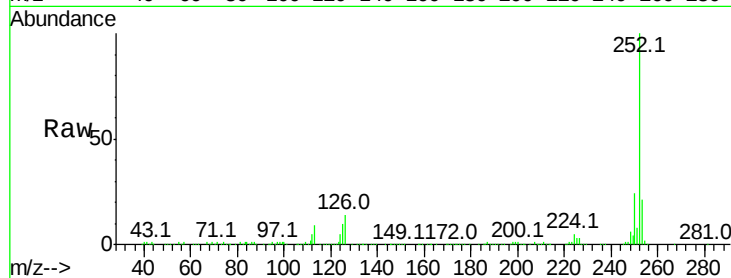
Tot Ion:252 Resp: 416130

Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

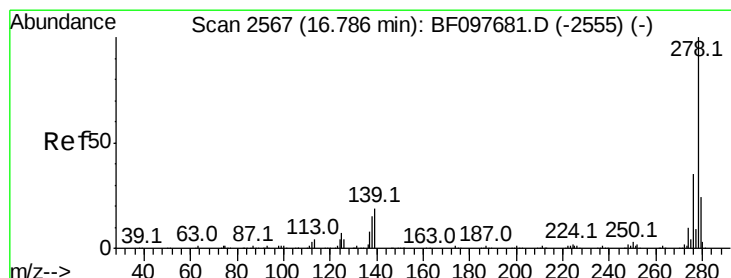
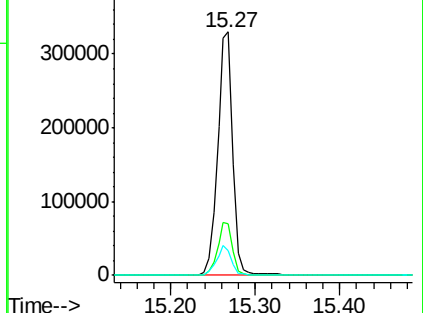
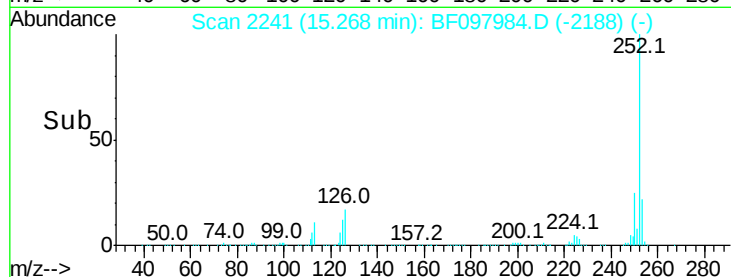
125 10.2 11.0 16.4#



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: 36.909 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

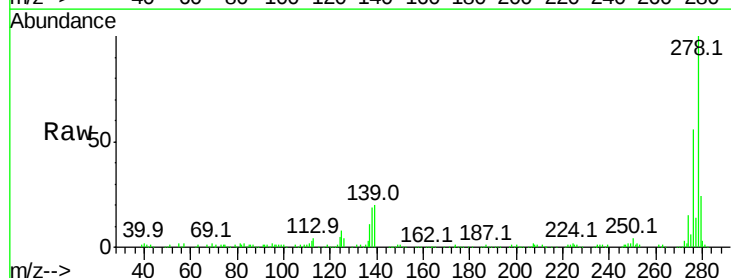
Tgt Ion:278 Resp: 310402

Ion Ratio Lower Upper

278 100

139 19.7 16.6 24.8

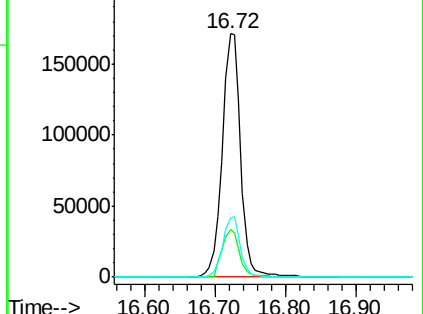
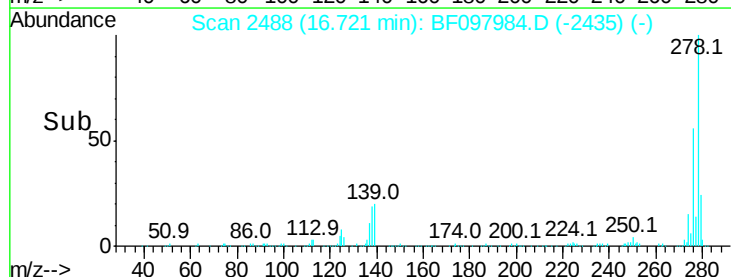
279 24.2 19.3 28.9

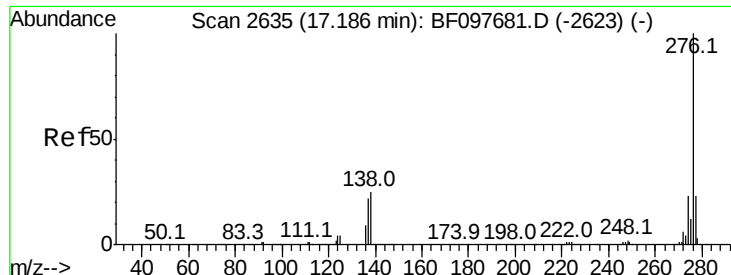


Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.508 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.02 min

Lab File: BF097984.D

Acq: 23 Aug 2017 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

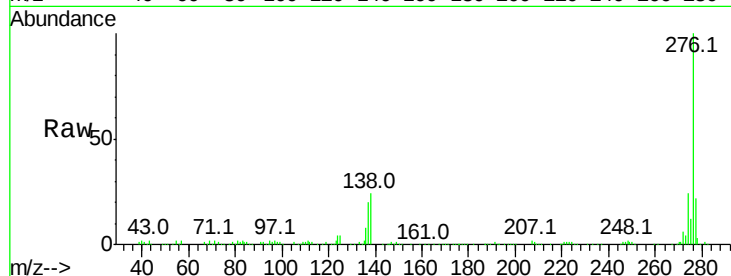
Tot Ion:276 Resp: 302818

Ion Ratio Lower Upper

276 100

277 22.3 18.6 28.0

138 23.9 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

