

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097963.D
 Acq On : 22 Aug 2017 19:41
 Operator : SJ/JU
 Sample : PB101741BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101741BS

Quant Time: Aug 23 01:04:50 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	108832	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	463299	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	218863	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	429345	20.00	ng	0.00
75) Chrysene-d12	13.90	240	322570	20.00	ng	0.00
86) Perylene-d12	15.32	264	241633	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	882281	123.31	ng	0.02
7) Phenol-d6	6.39	99	1197955	123.23	ng	0.00
23) Nitrobenzene-d5	7.32	82	750767	88.03	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	246444	129.78	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1187448	79.71	ng	0.00
78) Terphenyl-d14	12.86	244	1069487	69.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	138700	34.76	ng	91
3) Pyridine	3.21	79	392522	35.58	ng	88
4) n-Nitrosodimethylamine	3.17	42	158497	37.34	ng	82
6) Aniline	6.41	93	257099	18.83	ng	98
8) 2-Chlorophenol	6.53	128	312520	41.42	ng	95
9) Benzaldehyde	6.30	77	202275	32.85	ng	91
10) Phenol	6.40	94	444774	39.12	ng	97
11) bis(2-Chloroethyl)ether	6.49	93	346119	40.33	ng	98
12) 1,3-Dichlorobenzene	6.69	146	309920	38.18	ng	# 90
13) 1,4-Dichlorobenzene	6.77	146	313235	37.95	ng	95
14) 1,2-Dichlorobenzene	6.92	146	293045	38.50	ng	98
15) Benzyl Alcohol	6.89	79	319301	43.87	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	463573	40.15	ng	92
17) 2-Methylphenol	7.01	107	290736	43.72	ng	97
18) Hexachloroethane	7.26	117	129081	39.88	ng	# 84
19) n-Nitroso-di-n-propylamine	7.17	70	258798	38.89	ng	90
20) 3+4-Methylphenols	7.16	107	341695	42.07	ng	93
22) Acetophenone	7.16	105	455629	37.23	ng	# 91
24) Nitrobenzene	7.33	77	402403	42.38	ng	93
25) Isophorone	7.57	82	739870	41.72	ng	97
26) 2-Nitrophenol	7.65	139	161056	46.94	ng	# 80
27) 2,4-Dimethylphenol	7.69	122	299625	40.51	ng	95
28) bis(2-Chloroethoxy)methane	7.79	93	464097	39.81	ng	98
29) 2,4-Dichlorophenol	7.89	162	256770	41.82	ng	94
30) 1,2,4-Trichlorobenzene	7.97	180	256785	37.73	ng	100
31) Naphthalene	8.05	128	909641	37.82	ng	100
32) Benzoic acid	7.82	122	197708	38.20	ng	86
33) 4-Chloroaniline	8.10	127	108057	10.65	ng	99
34) Hexachlorobutadiene	8.17	225	146471	36.86	ng	96
35) Caprolactam	8.48	113	57464	27.53	ng	94
36) 4-Chloro-3-methylphenol	8.59	107	329257	41.74	ng	# 79
37) 2-Methylnaphthalene	8.75	142	612444	41.53	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	237962	35.43	ng	# 97
40) Hexachlorocyclopentadiene	8.90	237	282688	87.61	ng	98

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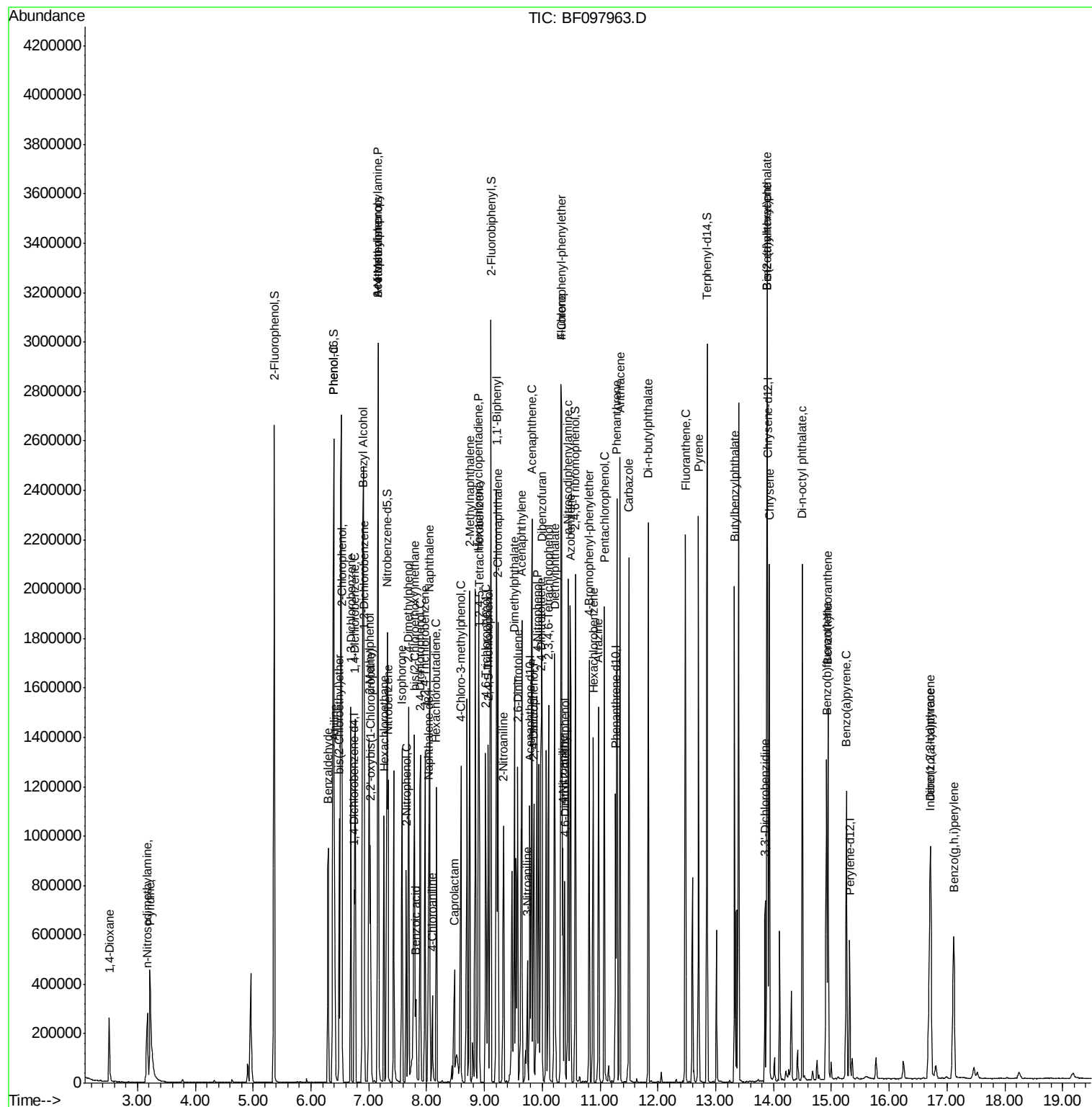
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42) 2,4,6-Trichlorophenol	9.02	196	182993	40.58	nq	94
43) 2,4,5-Trichlorophenol	9.06	196	189923	42.45	nq	95
45) 1,1'-Biphenyl	9.21	154	718510	36.00	nq	97
46) 2-Chloronaphthalene	9.23	162	539044	36.55	nq	# 92
47) 2-Nitroaniline	9.33	65	222667	45.04	nq	94
48) Acenaphthylene	9.65	152	892912	38.56	nq	99
49) Dimethylphthalate	9.52	163	663493	41.47	nq	100
50) 2,6-Dinitrotoluene	9.57	165	142838	44.73	nq	# 55
51) Acenaphthene	9.82	154	538168	36.85	nq	99
52) 3-Nitroaniline	9.74	138	73015	17.72	nq	93
53) 2,4-Dinitrophenol	9.85	184	131509	85.74	nq	# 78
54) Dibenzofuran	9.99	168	796166	40.67	nq	99
55) 4-Nitrophenol	9.91	139	256766	78.12	nq	# 40
56) 2,4-Dinitrotoluene	9.98	165	190720	47.59	nq	# 62
57) Fluorene	10.33	166	589632	38.96	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.11	232	159296	45.99	nq	95
59) Diethylphthalate	10.22	149	697351	41.68	nq	100
60) 4-Chlorophenyl-phenylether	10.33	204	276998	39.40	nq	89
61) 4-Nitroaniline	10.36	138	156586	39.99	nq	# 69
62) Azobenzene	10.49	77	853328	42.94	nq	93
64) 4,6-Dinitro-2-methylphenol	10.39	198	91499	45.71	nq	# 78
65) n-Nitrosodiphenylamine	10.45	169	561455	38.40	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	176143	39.51	nq	96
67) Hexachlorobenzene	10.88	284	166759	36.70	nq	# 85
68) Atrazine	10.98	200	175714	45.32	nq	98
69) Pentachlorophenol	11.07	266	197091	74.38	nq	97
70) Phenanthrene	11.29	178	893958	39.07	nq	99
71) Anthracene	11.35	178	921794	39.72	nq	99
72) Carbazole	11.50	167	872868	39.63	nq	99
73) Di-n-butylphthalate	11.83	149	1128670	44.49	nq	99
74) Fluoranthene	12.48	202	953643	39.93	nq	98
77) Pyrene	12.70	202	983888	37.29	nq	99
79) Butylbenzylphthalate	13.33	149	474346	46.89	nq	# 68
80) Benzo(a)anthracene	13.89	228	716484	37.06	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	140526	21.54	nq	# 96
82) Chrysene	13.93	228	744209	38.70	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	546464	48.75	nq	# 100
84) Di-n-octyl phthalate	14.50	149	995025	51.02	nq	98
85) Indeno(1,2,3-cd)pyrene	16.70	276	562160	39.74	nq	93
87) Benzo(b)fluoranthene	14.92	252	612655	40.22	nq	98
88) Benzo(k)fluoranthene	14.94	252	596783	41.71	nq	# 94
89) Benzo(a)pyrene	15.26	252	563067	41.76	nq	98
90) Dibenzo(a,h)anthracene	16.72	278	465161	42.38	nq	97
91) Benzo(g,h,i)perylene	17.12	276	479347	41.85	nq	# 92

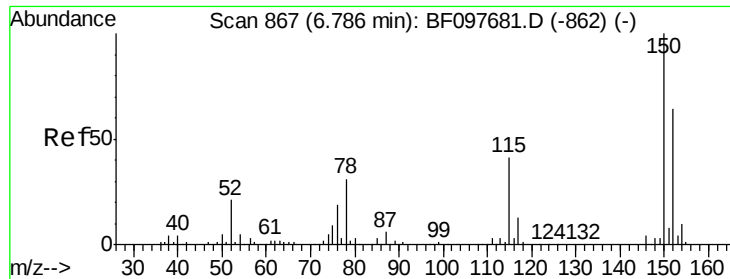
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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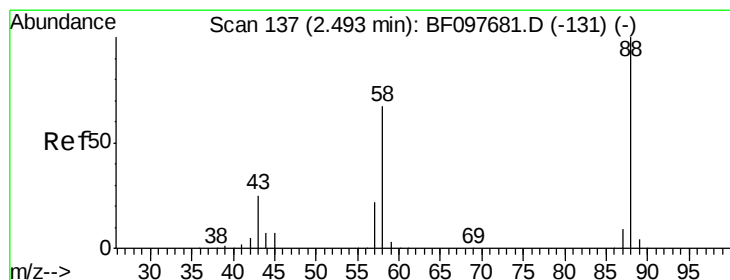
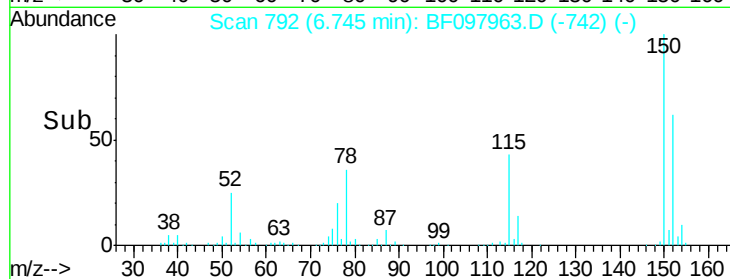
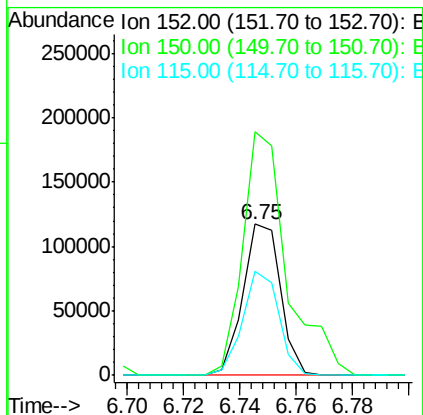
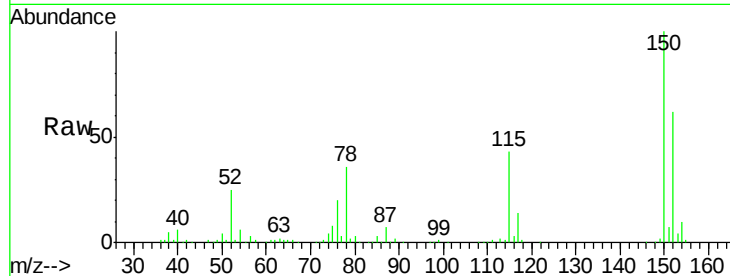


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB101741BS

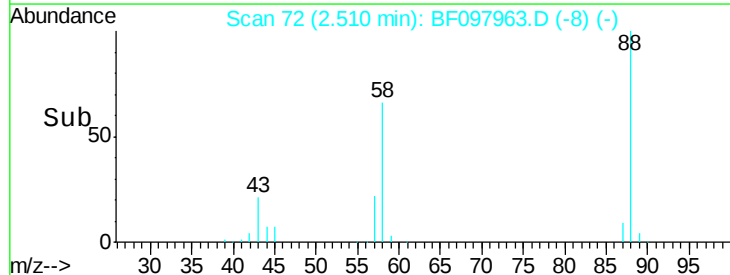
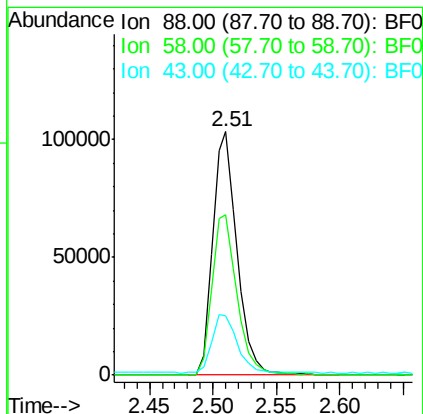
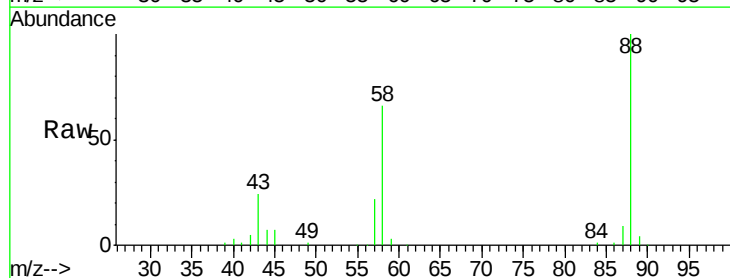
Tot Ion:152 Resp: 108832
Ion Ratio Lower Upper
152 100
150 161.2 126.2 189.2
115 69.3 52.2 78.2

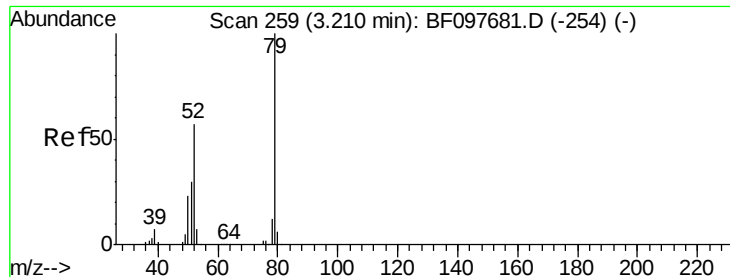


#2

1,4-Dioxane
Concen: 34.76 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.08 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Tgt Ion: 88 Resp: 138700
Ion Ratio Lower Upper
88 100
58 68.2 61.4 92.0
43 24.9 23.4 35.0





#3

Pvridine

Concen: 35.58 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.08 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

PB101741BS

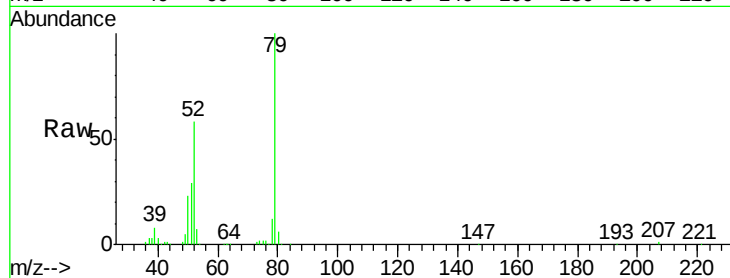
Tot Ion: 79 Resp: 392522

Ion Ratio Lower Upper

79 100

52 57.6 54.8 82.2

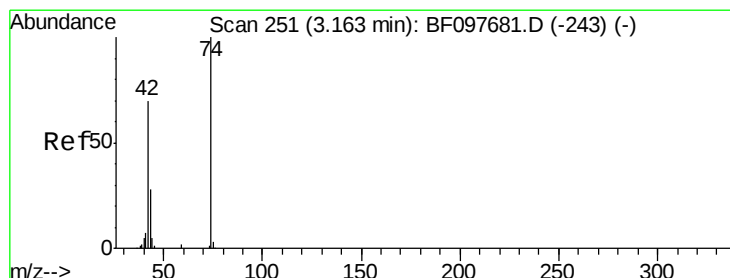
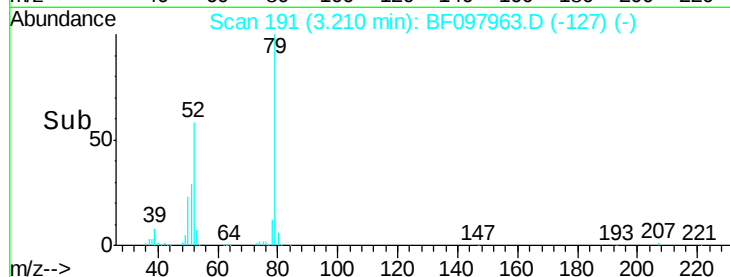
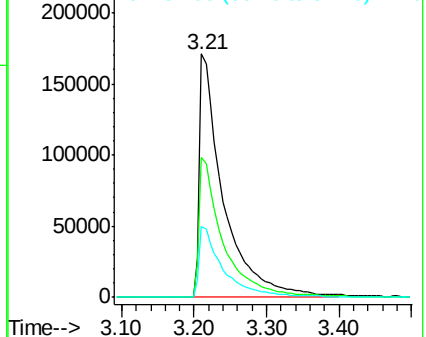
51 29.1 27.0 40.4



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: 37.34 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.06 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

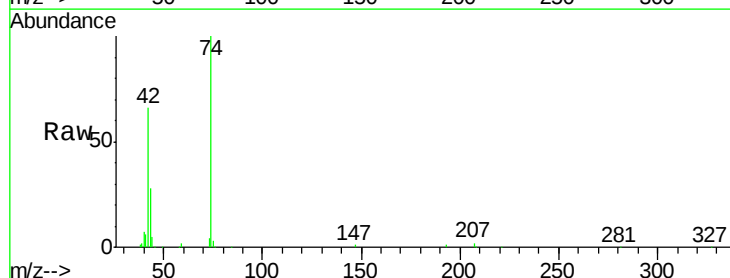
Tgt Ion: 42 Resp: 158497

Ion Ratio Lower Upper

42 100

74 152.5 103.9 155.9

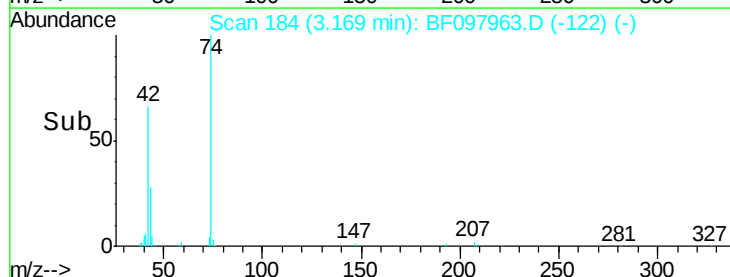
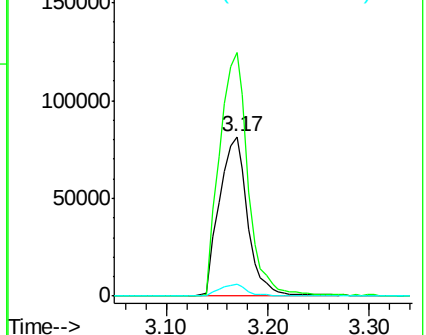
44 7.1 5.7 8.5

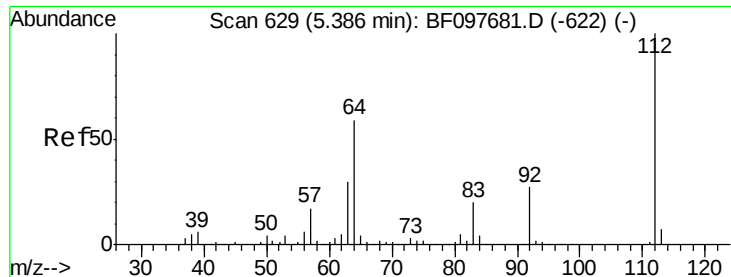


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 123.31 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF097963.D

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Instrument :

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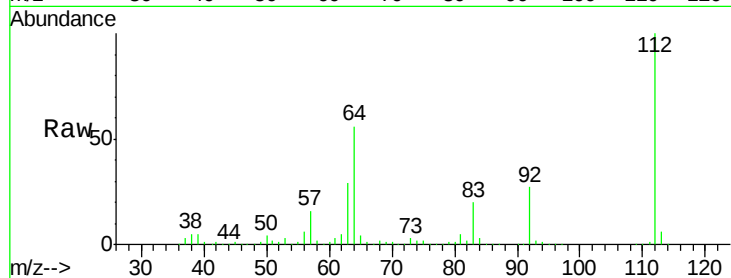
Tot Ion:112 Resp: 882281

Ion Ratio Lower Upper

112 100

64 56.4 46.0 69.0

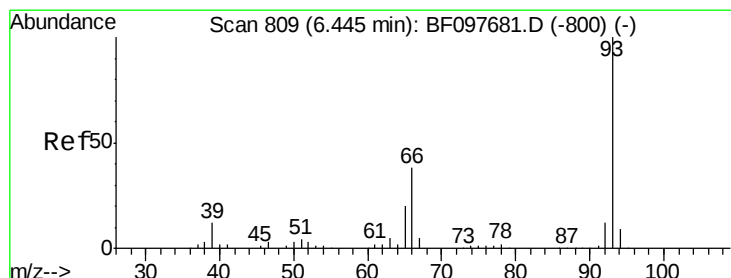
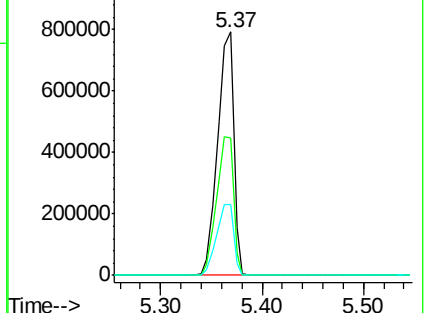
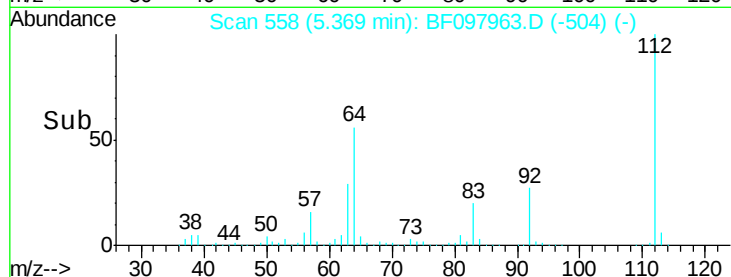
63 29.3 23.4 35.0



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: 18.83 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

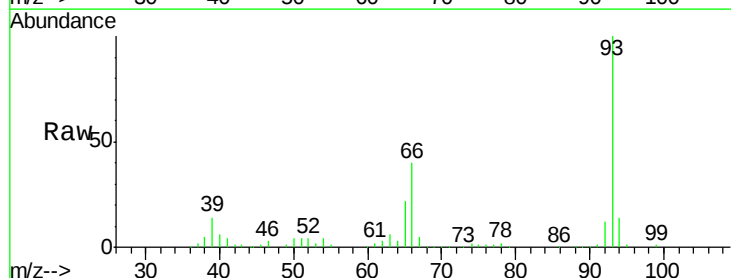
Tgt Ion: 93 Resp: 257099

Ion Ratio Lower Upper

93 100

66 40.4 32.9 49.3

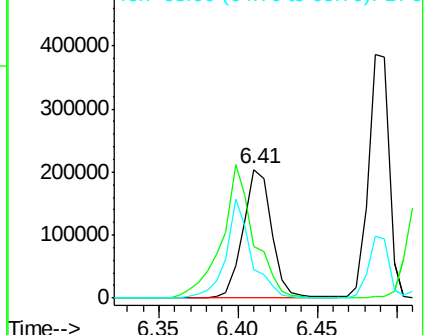
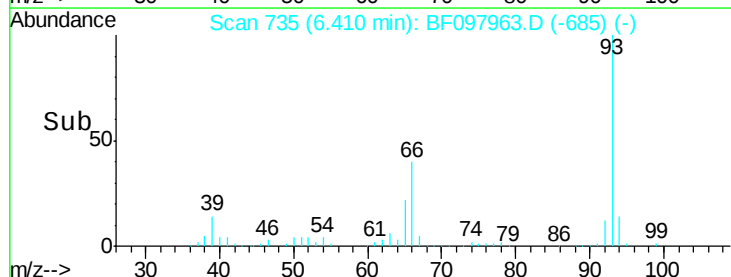
65 21.7 16.0 24.0

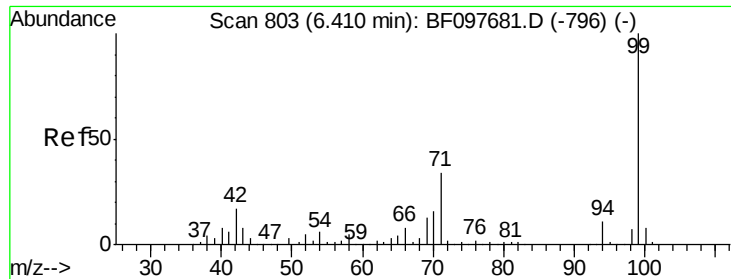


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.23 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

Instrument :

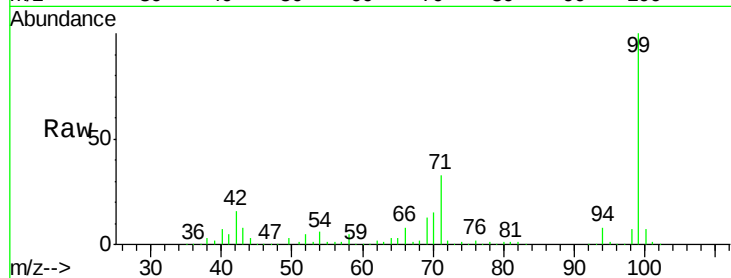
BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1197955

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	33.5	24.5	36.7

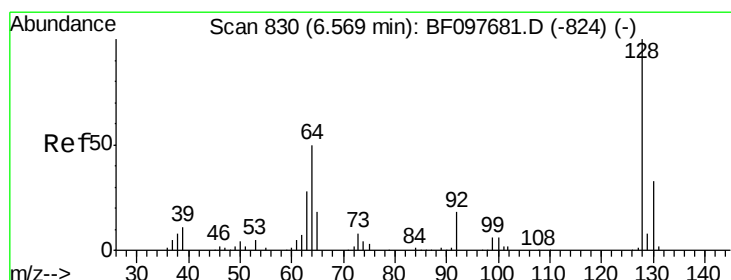
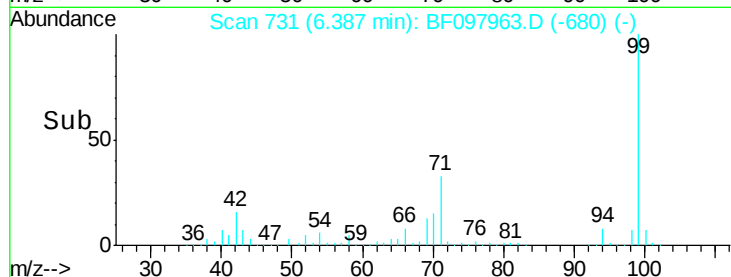
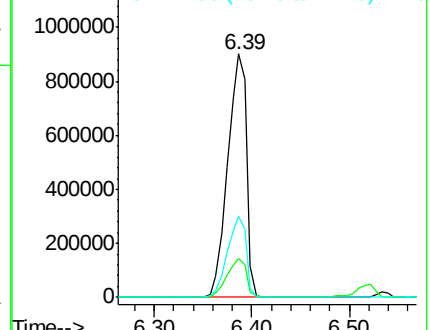


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.42 ng

RT: 6.53 min Scan# 756

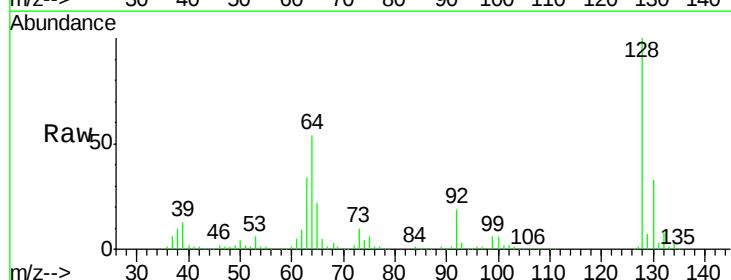
Delta R.T. 0.00 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

Tgt Ion: 128 Resp: 312520

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	53.7	28.4	68.4

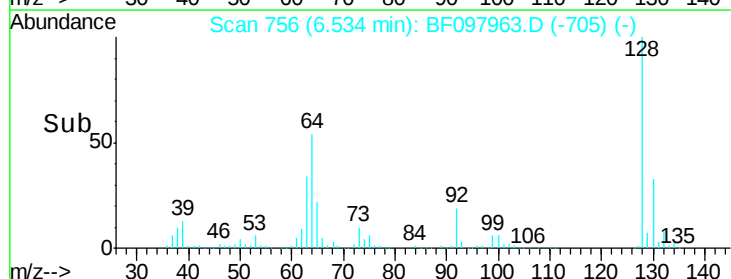
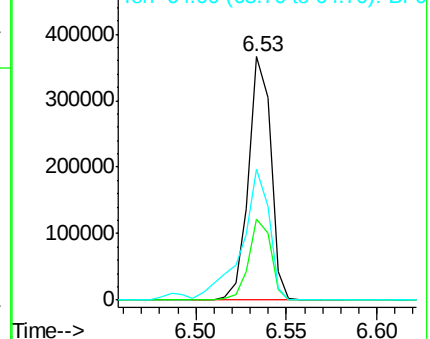


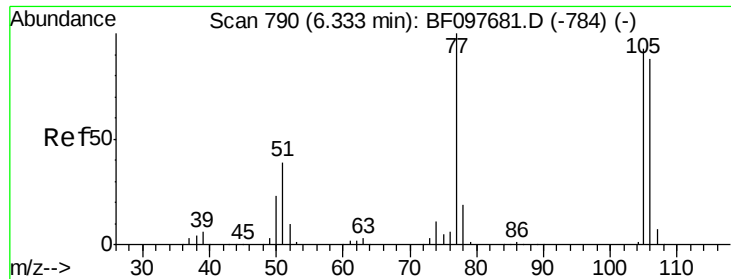
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

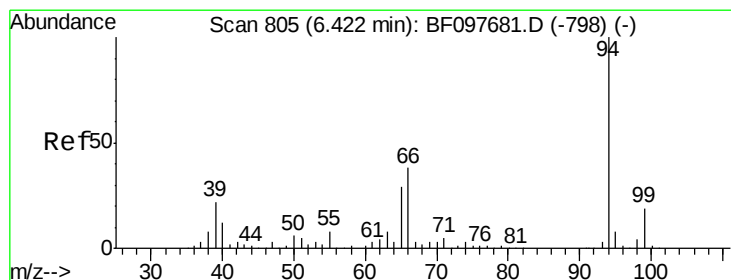
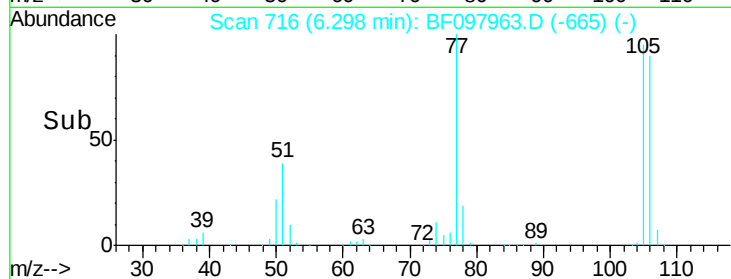
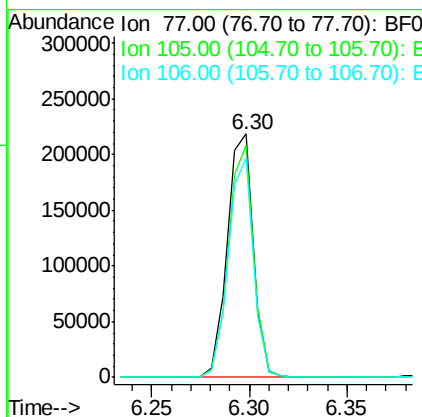
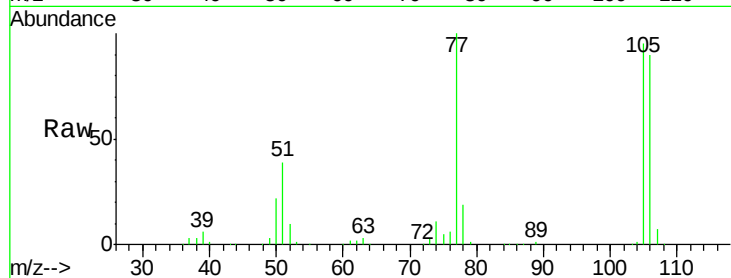




#9
Benzaldehyde
Concen: 32.85 ng
RT: 6.30 min Scan# 716
Delta R.T. 0.00 min
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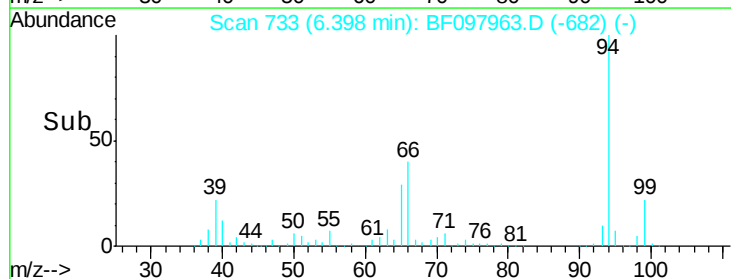
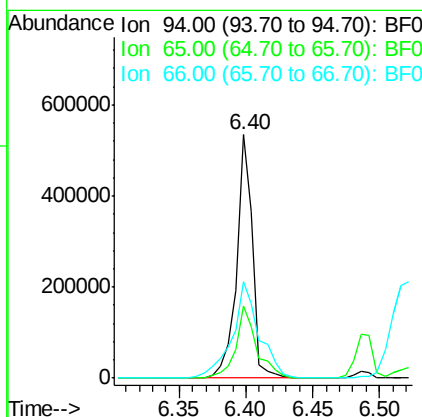
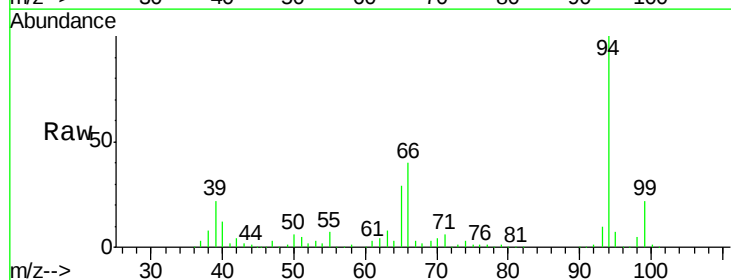
Instrument :
BNA_F
ClientSampleId :
PB101741BS

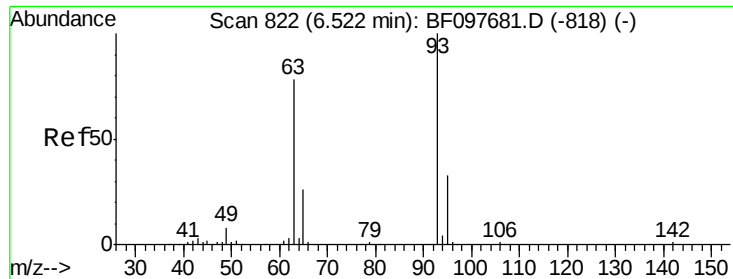
Tot Ion: 77 Resp: 202275
Ion Ratio Lower Upper
77 100
105 95.2 83.8 123.8
106 89.9 79.1 119.1



#10
Phenol
Concen: 39.12 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Tgt Ion: 94 Resp: 444774
Ion Ratio Lower Upper
94 100
65 29.5 9.9 49.9
66 39.7 23.1 63.1

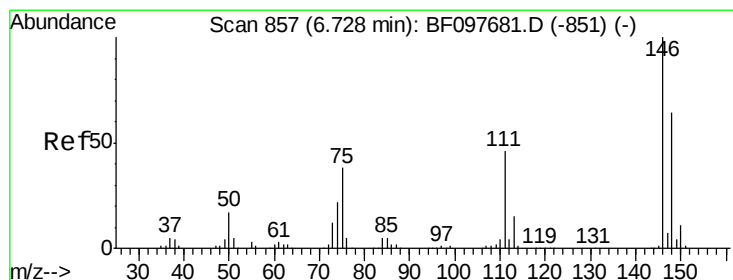
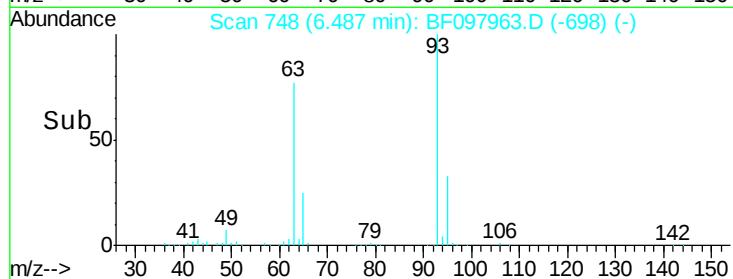
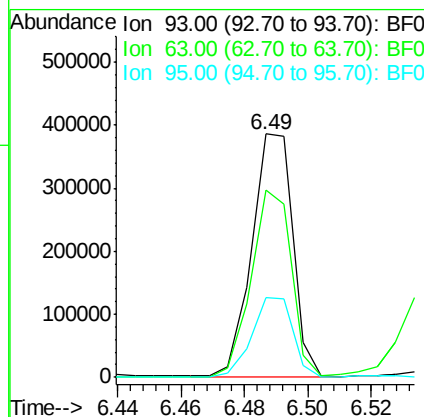
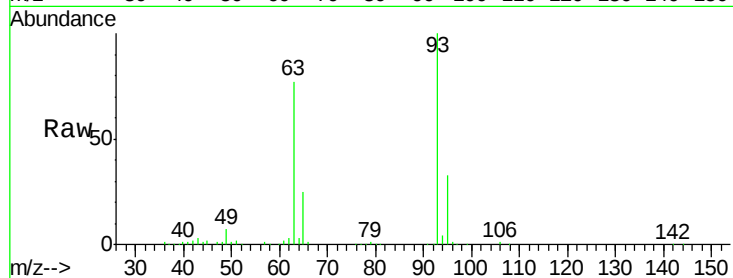




#11
 bis(2-Chloroethyl)ether
 Concen: 40.33 ng
 RT: 6.49 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

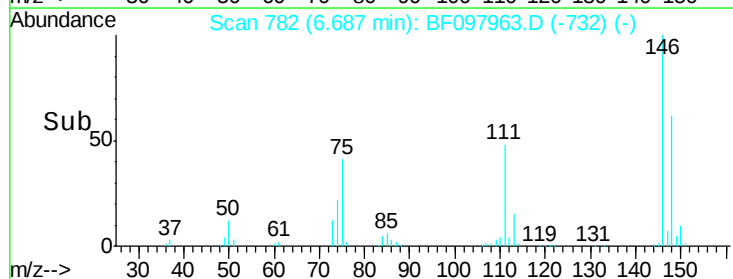
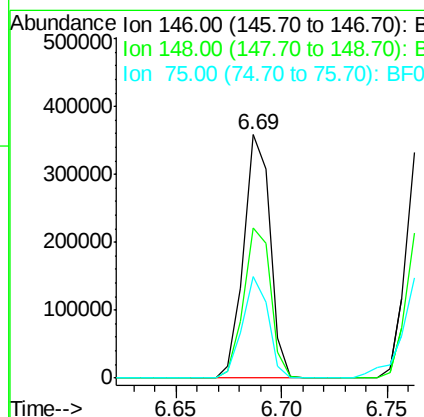
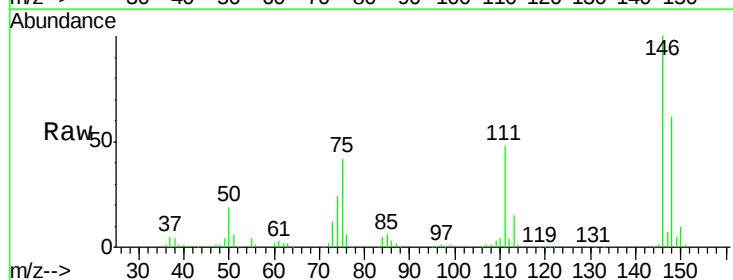
Instrument :
 BNA_F
 ClientSampleId :
 PB101741BS

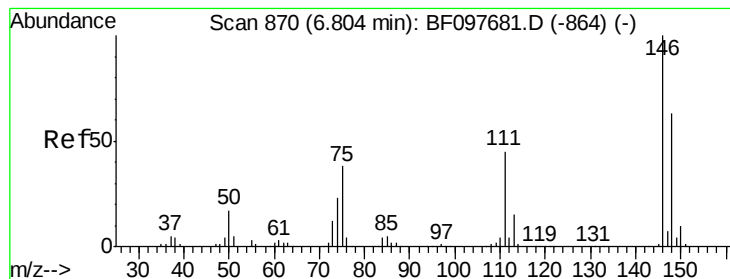
Tot Ion: 93 Resp: 346119
 Ion Ratio Lower Upper
 93 100
 63 77.0 59.2 99.2
 95 32.7 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 38.18 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

Tgt Ion: 146 Resp: 309920
 Ion Ratio Lower Upper
 146 100
 148 61.6 51.8 77.6
 75 41.6 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 37.95 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

PB101741BS

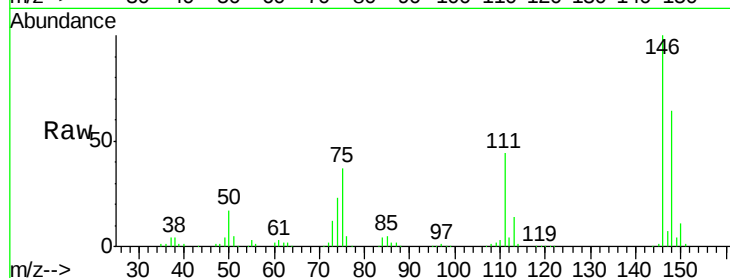
Tot Ion:146 Resp: 313235

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.2

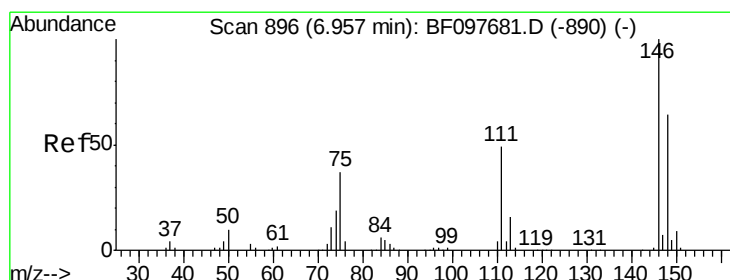
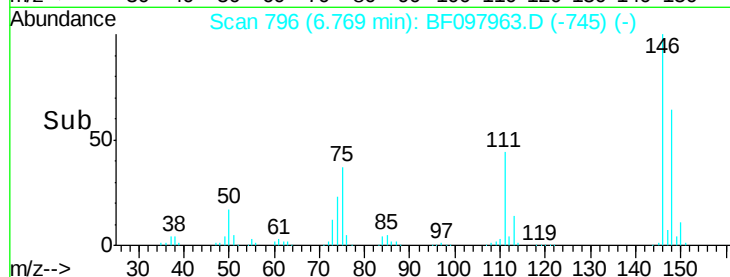
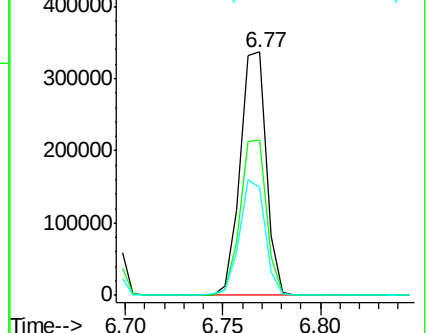
111 44.4 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.50 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

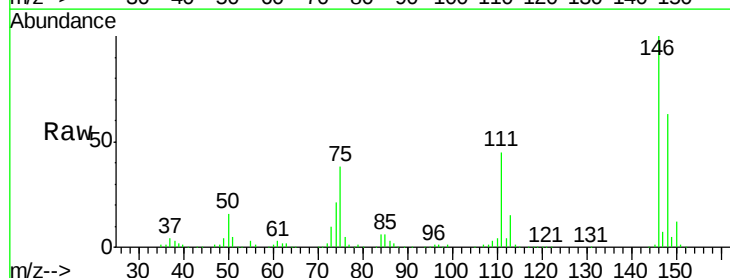
Tgt Ion:146 Resp: 293045

Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

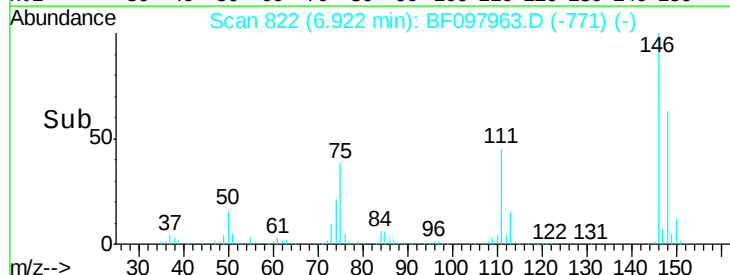
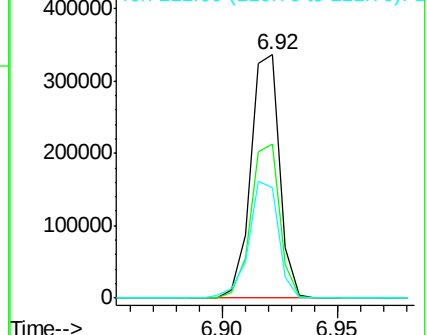
111 45.4 38.2 57.4



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: 43.87 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

PB101741BS

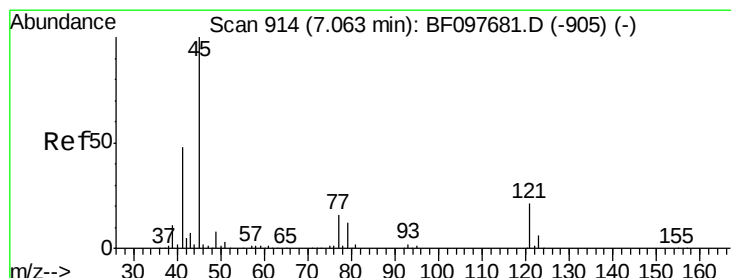
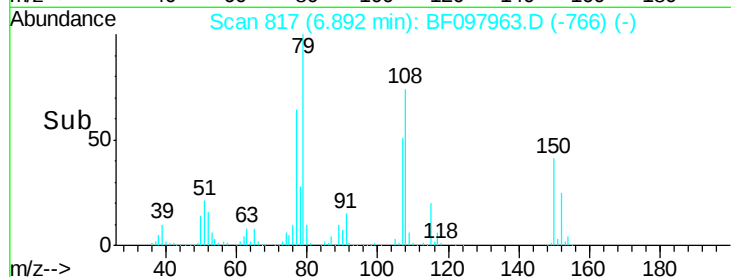
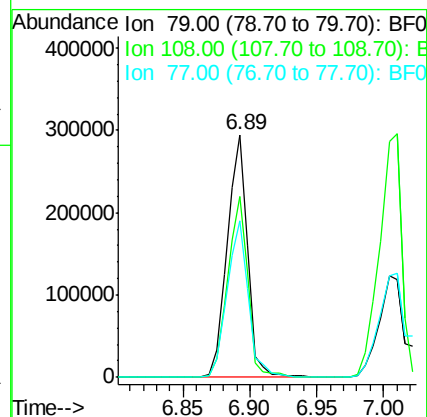
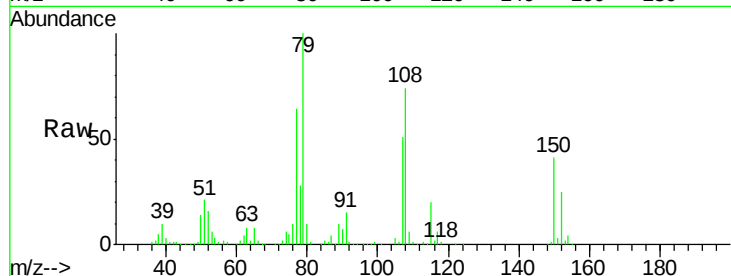
Tot Ion: 79 Resp: 319301

Ion Ratio Lower Upper

79 100

108 74.4 63.4 95.0

77 64.3 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.15 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

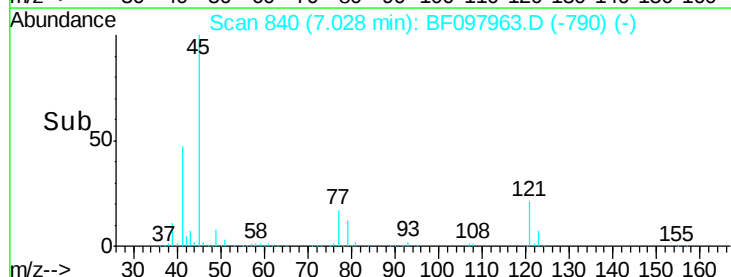
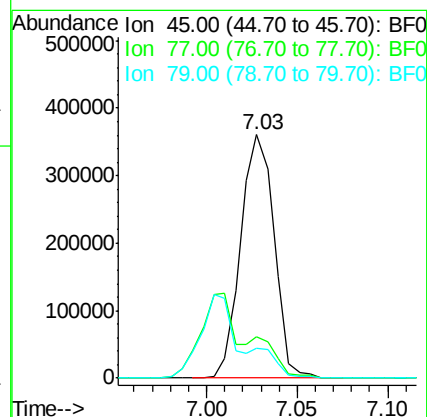
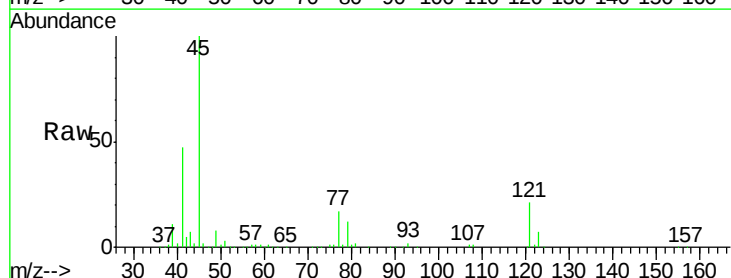
Tgt Ion: 45 Resp: 463573

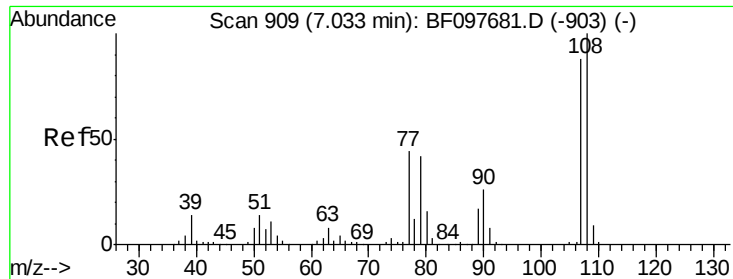
Ion Ratio Lower Upper

45 100

77 17.1 0.0 33.2

79 12.3 0.0 30.0

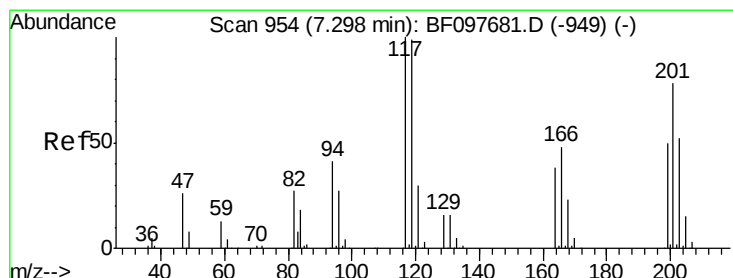
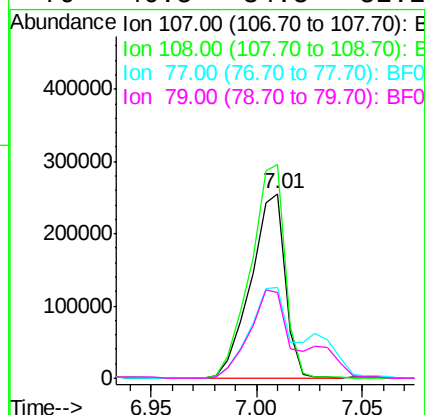
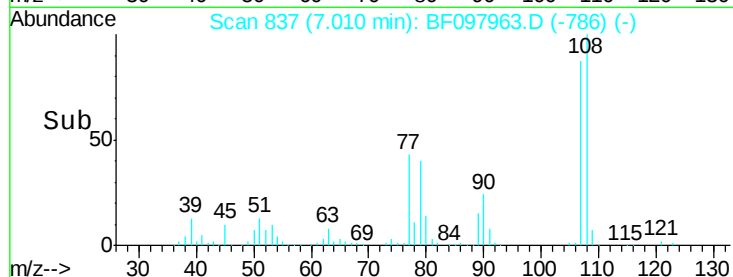
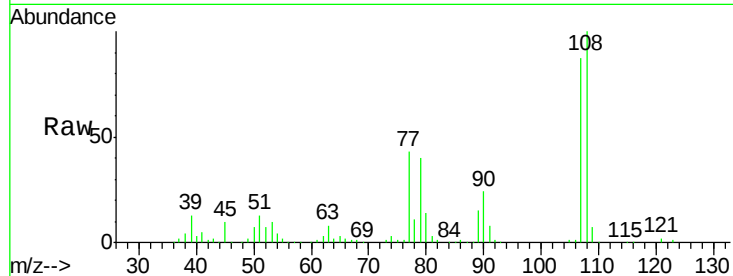




#17
2-Methylphenol
Concen: 43.72 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

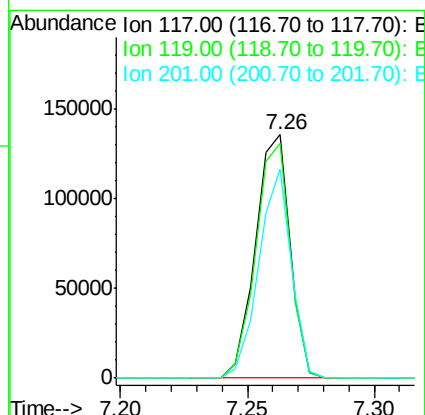
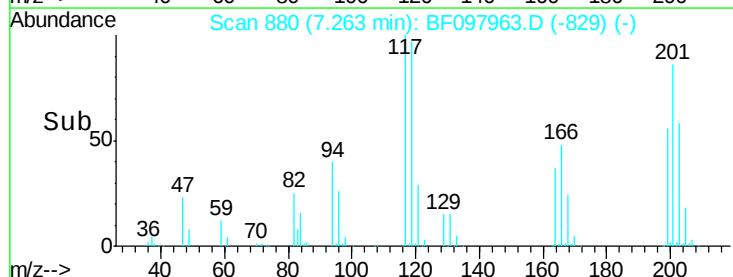
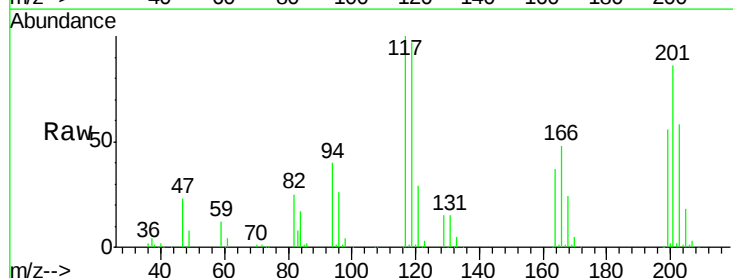
Instrument :
BNA_F
ClientSampleId :
PB101741BS

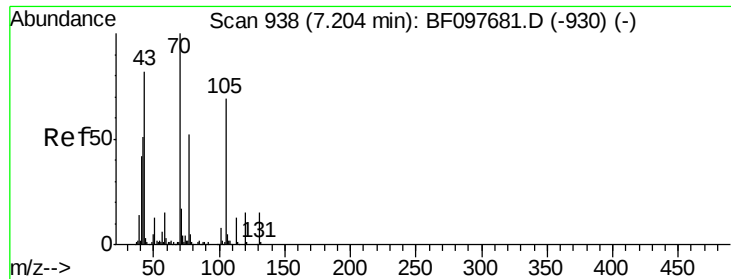
Tot Ion:	107	Resp:	290736
Ion	Ratio	Lower	Upper
107	100		
108	115.5	93.4	140.0
77	49.4	35.8	53.6
79	46.5	34.8	52.2



#18
Hexachloroethane
Concen: 39.88 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Tgt Ion:	117	Resp:	129081
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.0
201	85.7	94.6	141.8#

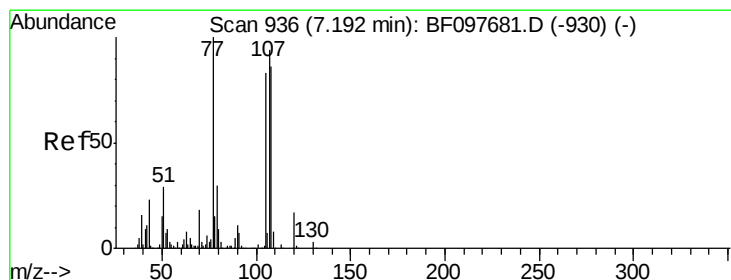
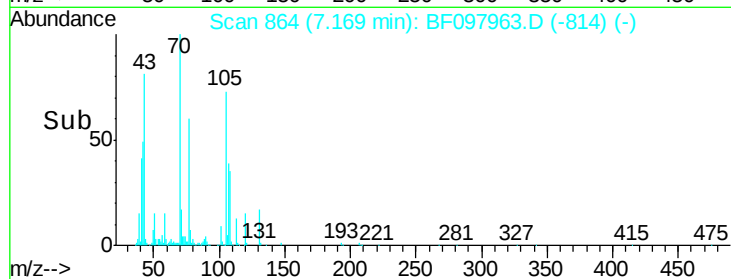
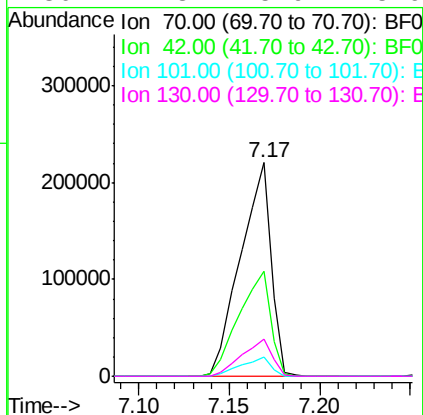
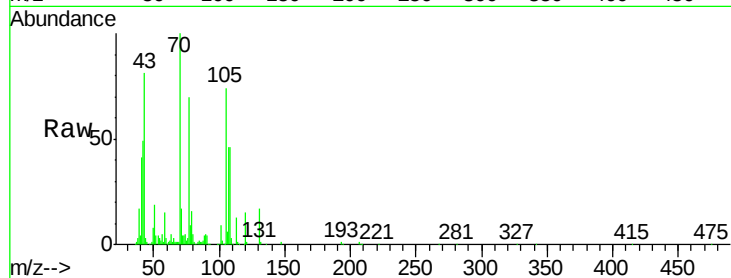




#19
n-Nitroso-di-n-propylamine
Concen: 38.89 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

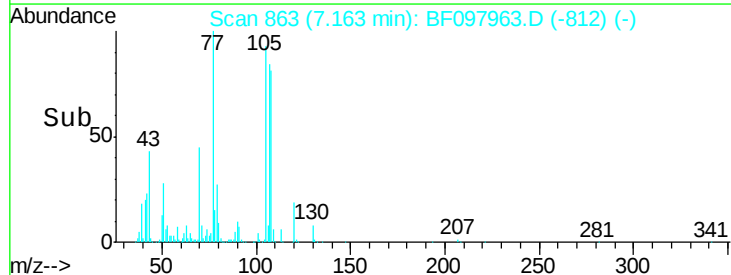
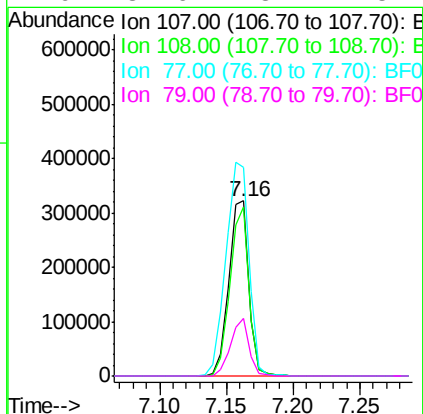
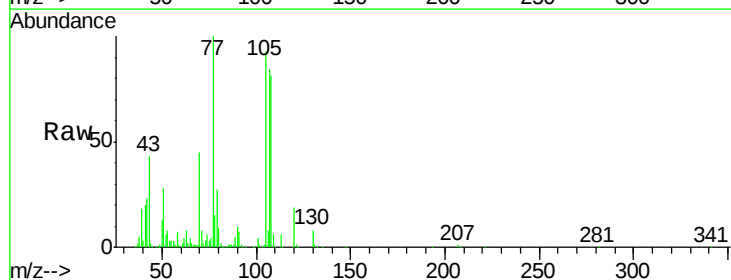
Instrument :
BNA_F
ClientSampleId :
PB101741BS

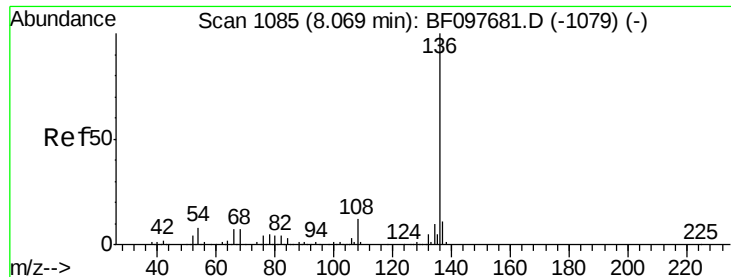
Tot Ion: 70 Resp: 258798
Ion Ratio Lower Upper
70 100
42 49.0 47.2 70.8
101 8.8 7.2 10.8
130 17.3 15.9 23.9



#20
3+4-Methylphenols
Concen: 42.07 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Tgt Ion: 107 Resp: 341695
Ion Ratio Lower Upper
107 100
108 96.3 71.0 111.0
77 119.2 90.5 130.5
79 32.6 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

PB101741BS

Tot Ion:136 Resp: 463299

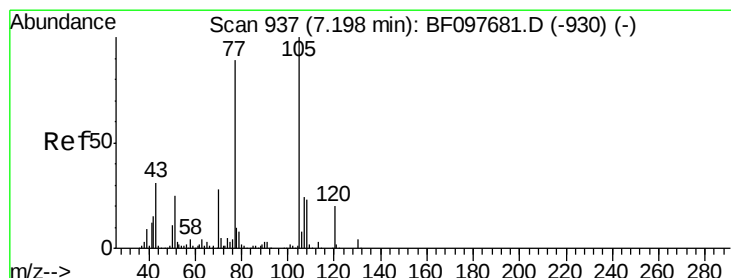
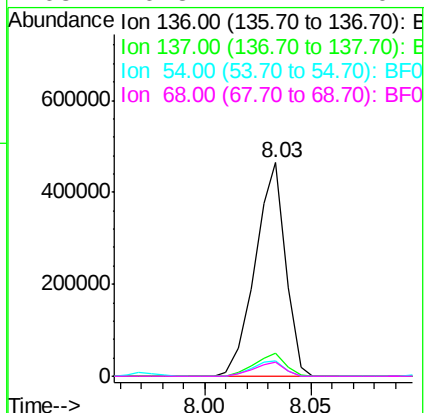
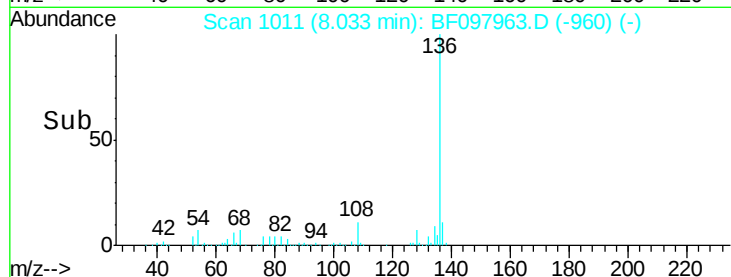
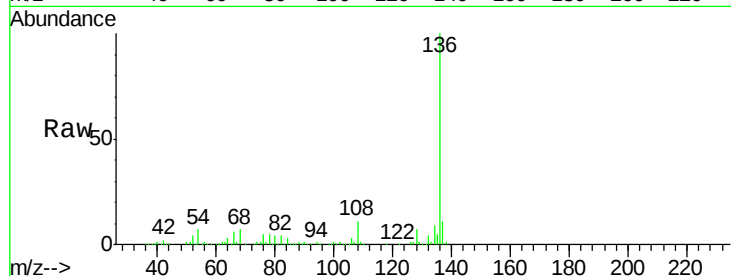
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.4 4.9 7.3#

68 6.8 4.1 6.1#



#22

Acetophenone

Concen: 37.23 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

Tgt Ion:105 Resp: 455629

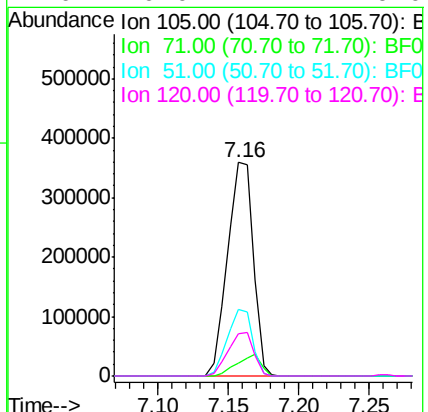
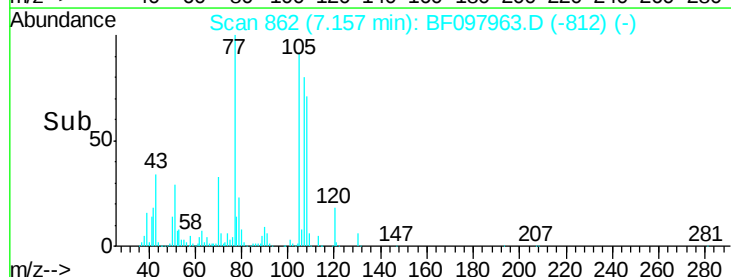
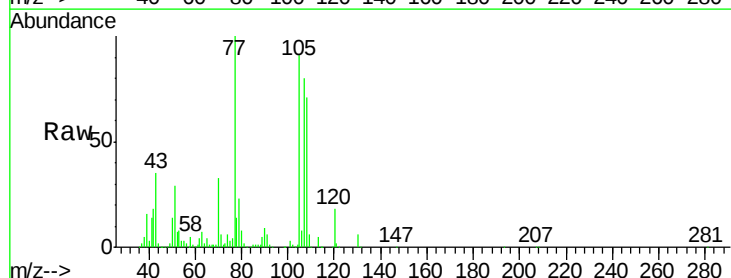
Ion Ratio Lower Upper

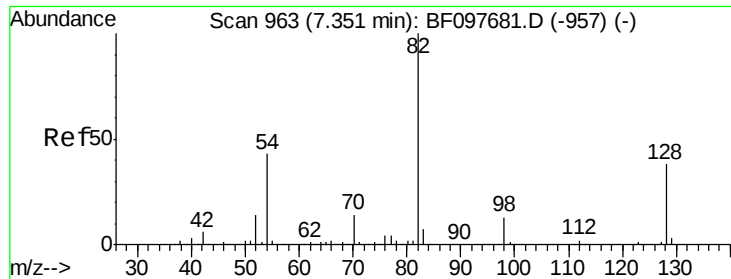
105 100

71 6.3 2.8 4.2#

51 31.4 30.7 46.1

120 20.0 17.4 26.0

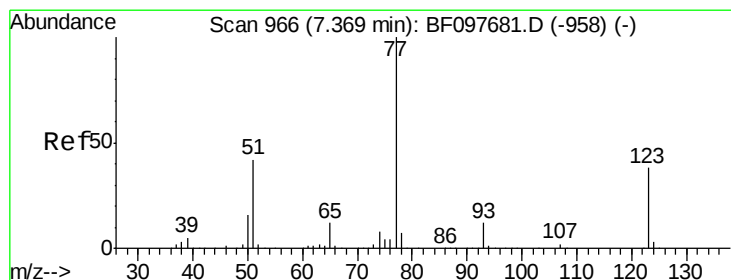
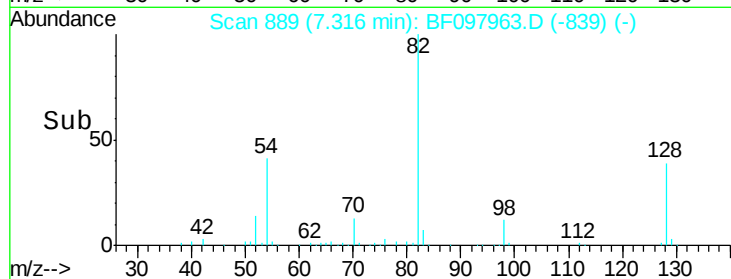
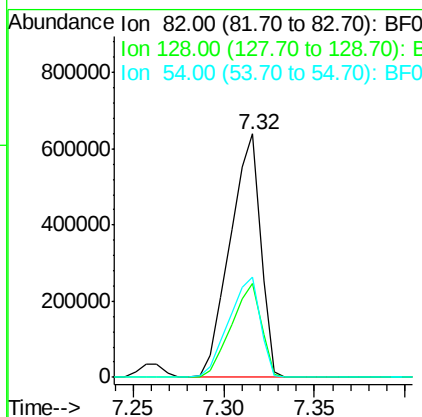
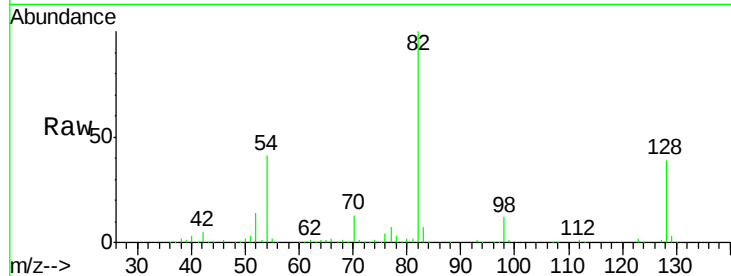




#23
 Nitrobenzene-d5
 Concen: 88.03 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

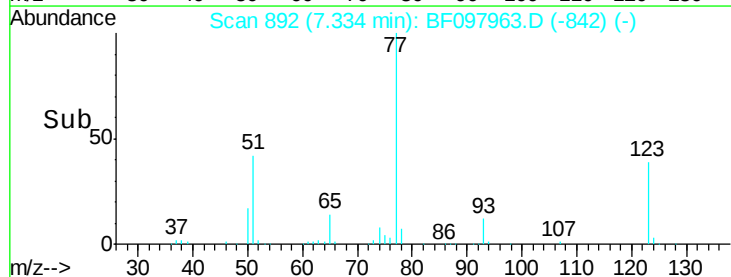
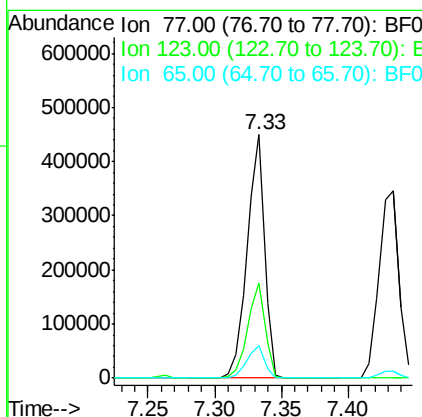
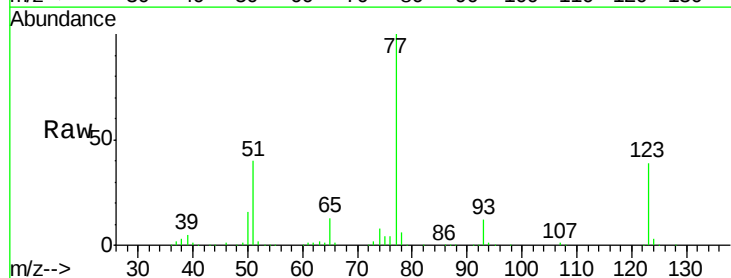
Instrument :
 BNA_F
 ClientSampleId :
 PB101741BS

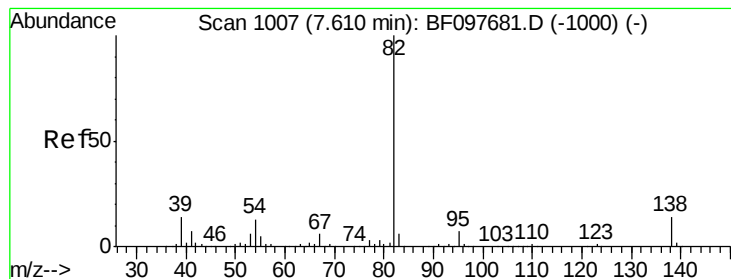
Tot Ion: 82 Resp: 750767
 Ion Ratio Lower Upper
 82 100
 128 38.8 34.0 51.0
 54 41.3 42.2 63.2#



#24
 Nitrobenzene
 Concen: 42.38 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

Tgt Ion: 77 Resp: 402403
 Ion Ratio Lower Upper
 77 100
 123 39.3 35.8 53.8
 65 13.1 10.6 15.8





#25

Isophorone

Concen: 41.72 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

PB101741BS

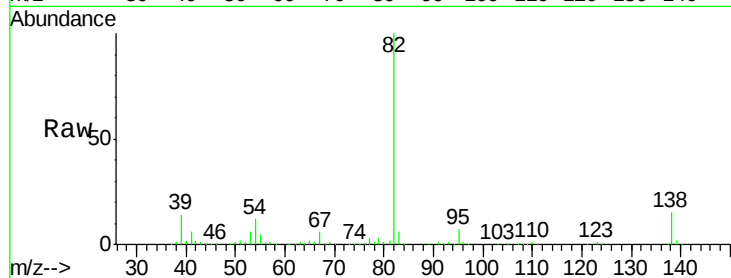
Tot Ion: 82 Resp: 739870

Ion Ratio Lower Upper

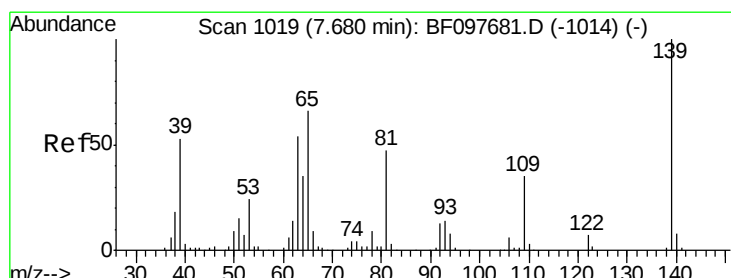
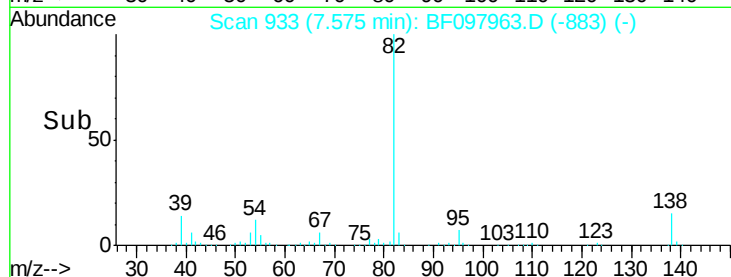
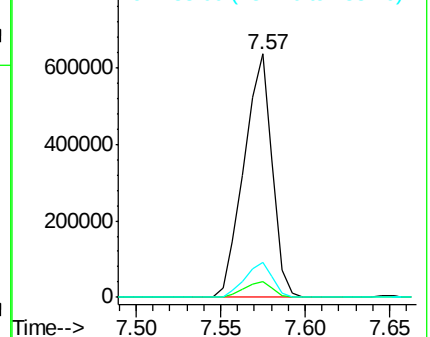
82 100

95 6.6 5.3 7.9

138 14.5 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: 46.94 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

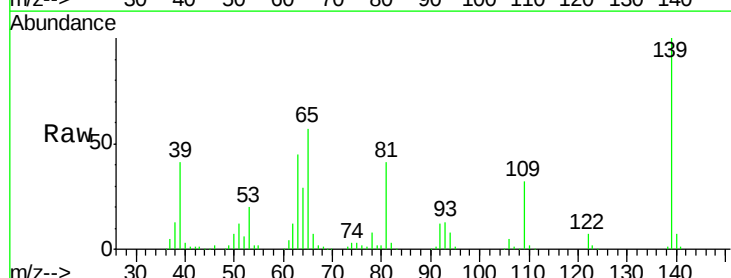
Tgt Ion: 139 Resp: 161056

Ion Ratio Lower Upper

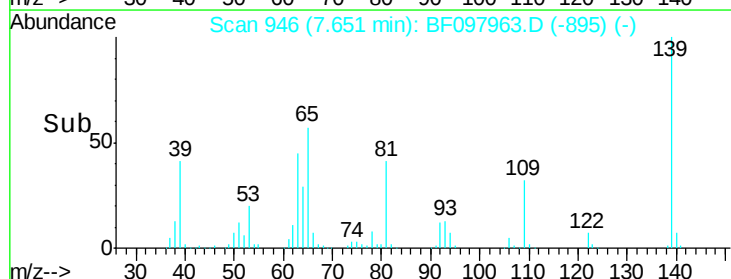
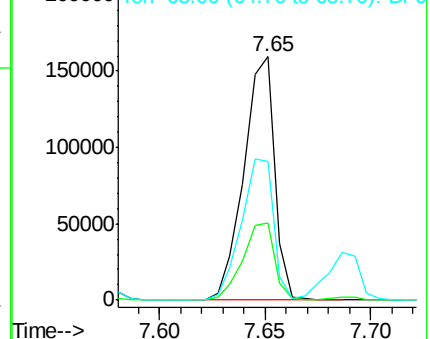
139 100

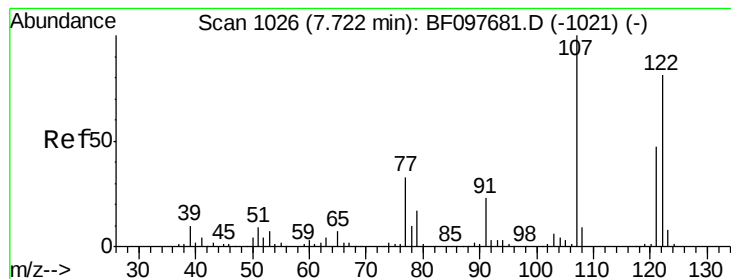
109 31.9 21.0 31.6#

65 56.9 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: 40.51 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

PB101741BS

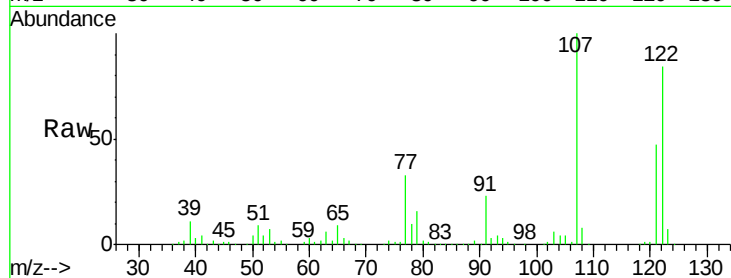
Tot Ion:122 Resp: 299625

Ion Ratio Lower Upper

122 100

107 119.0 89.2 133.8

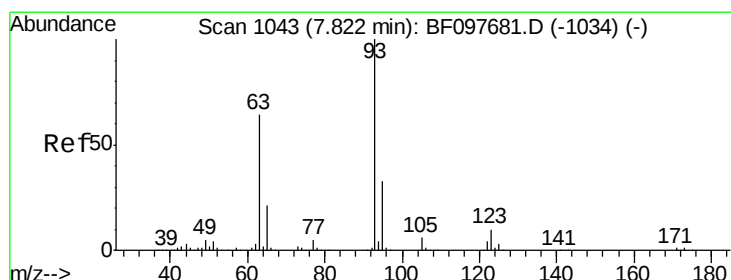
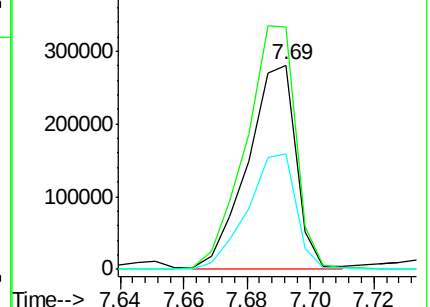
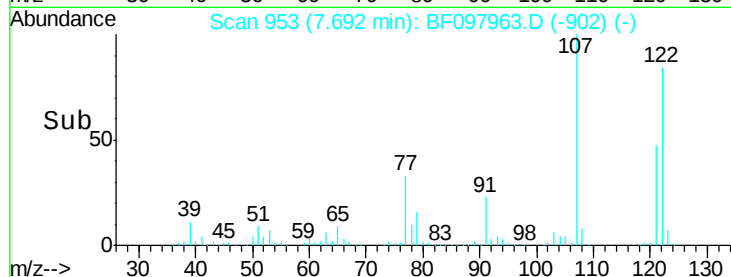
121 56.4 45.2 67.8



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: 39.81 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

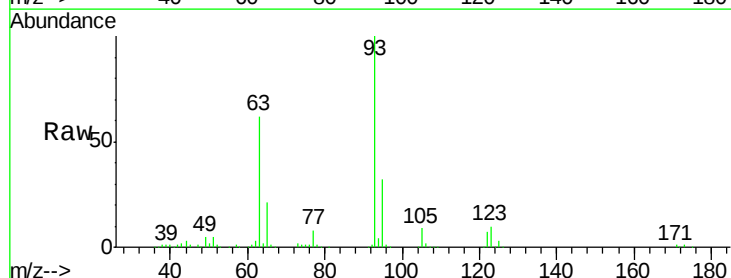
Tgt Ion: 93 Resp: 464097

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

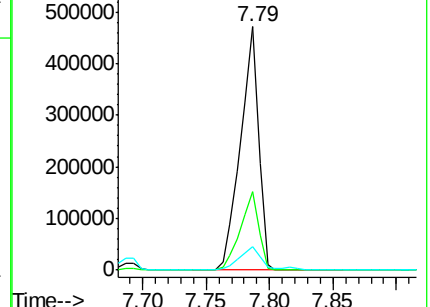
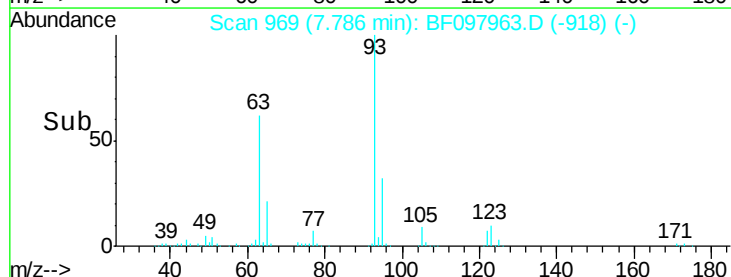
123 9.8 9.0 13.4

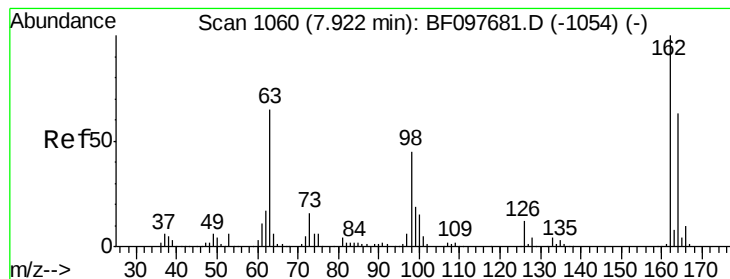


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.82 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

PB101741BS

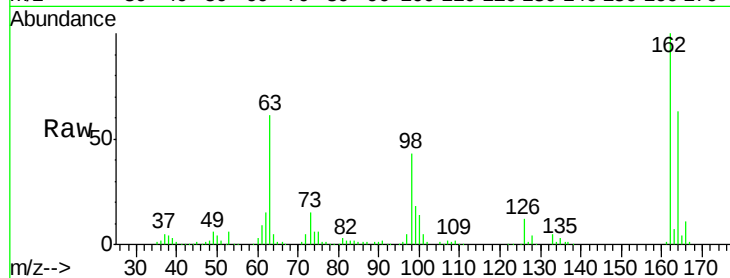
Tot Ion:162 Resp: 256770

Ion Ratio Lower Upper

162 100

164 63.0 44.6 84.6

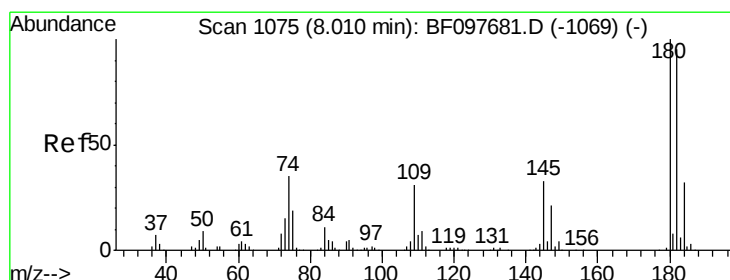
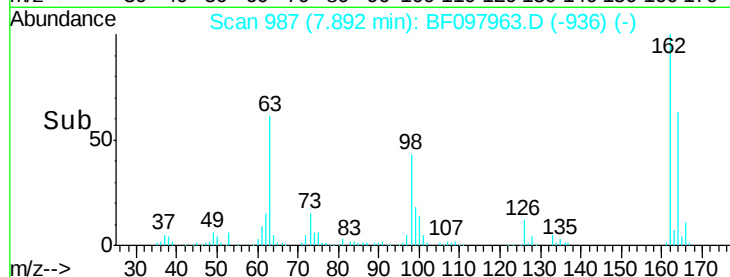
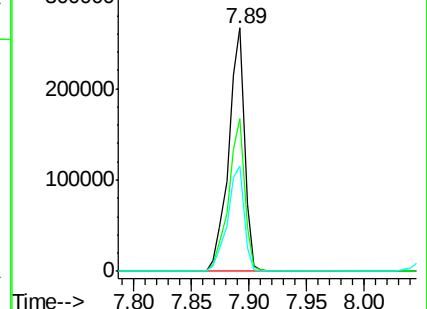
98 43.1 14.8 54.8



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: 37.73 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

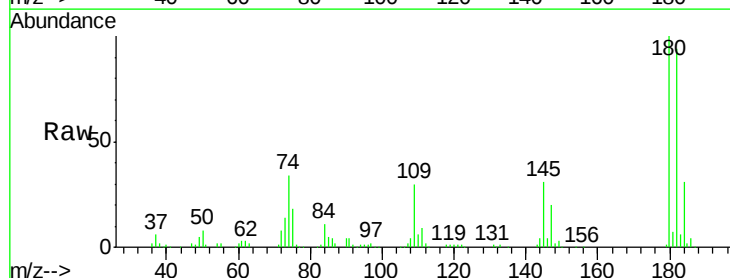
Tgt Ion:180 Resp: 256785

Ion Ratio Lower Upper

180 100

182 94.3 75.8 113.6

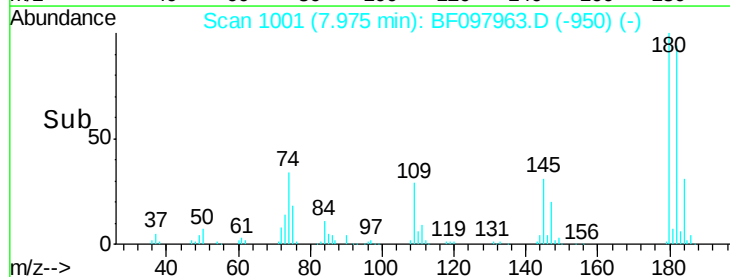
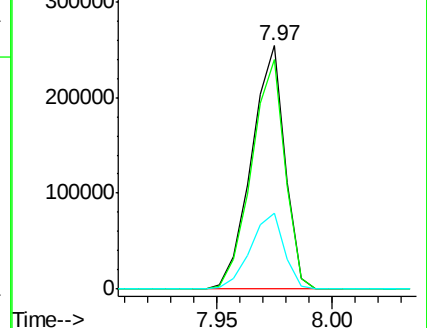
145 31.2 25.3 37.9

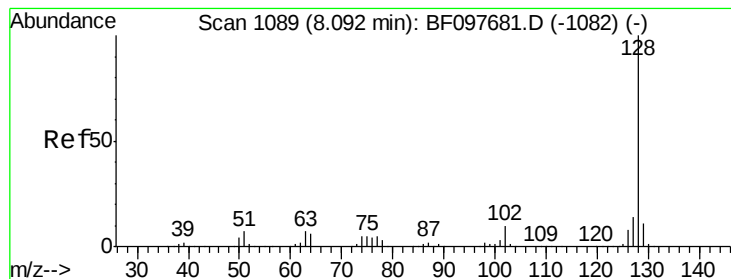


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.82 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

PB101741BS

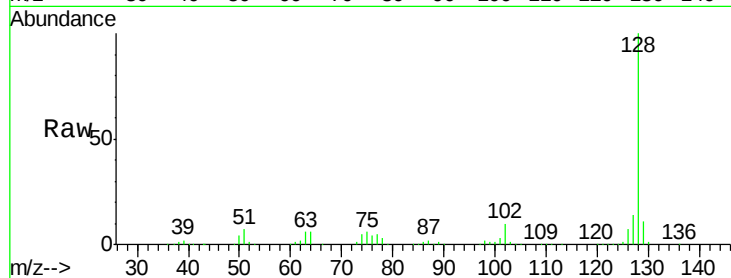
Tot Ion:128 Resp: 909641

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

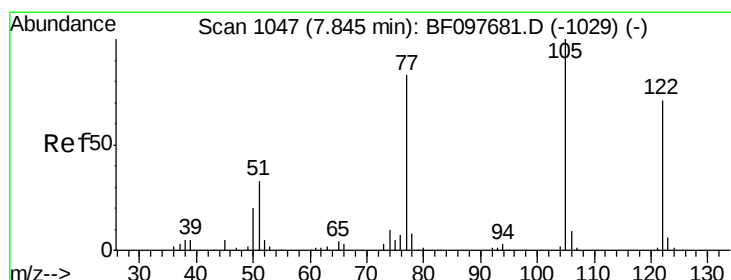
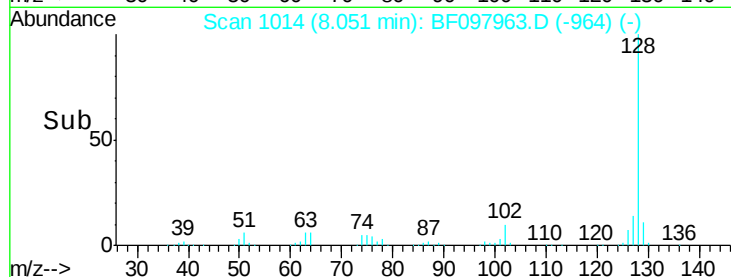
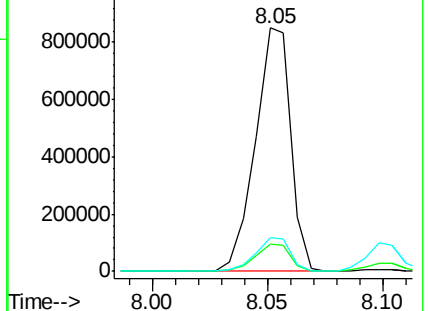
127 13.7 10.8 16.2



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: 38.20 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.02 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

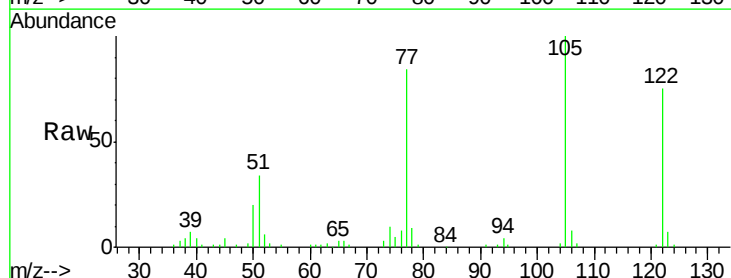
Tgt Ion:122 Resp: 197708

Ion Ratio Lower Upper

122 100

105 133.9 103.3 143.3

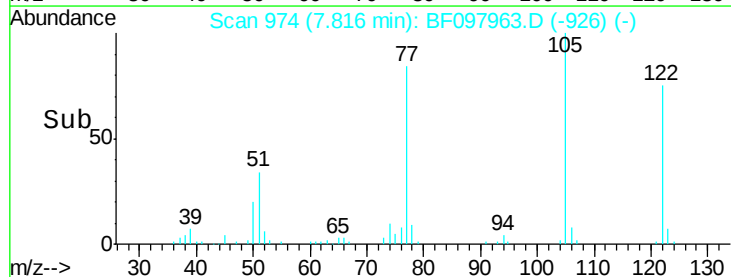
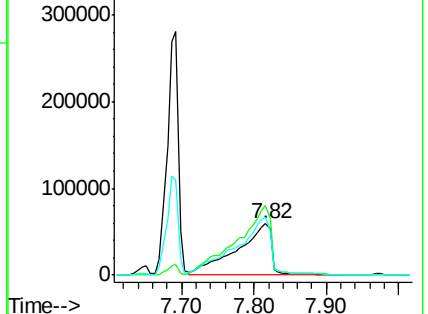
77 113.2 73.7 113.7

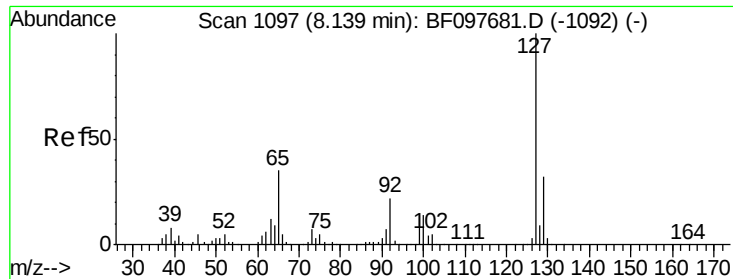


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

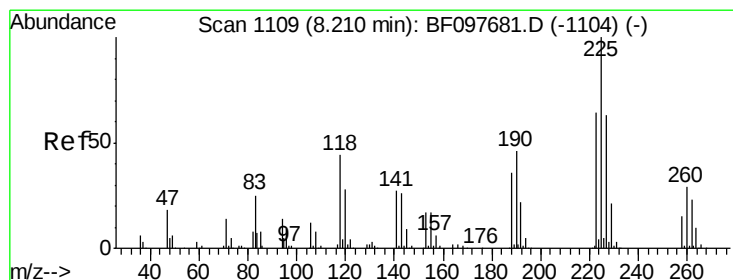
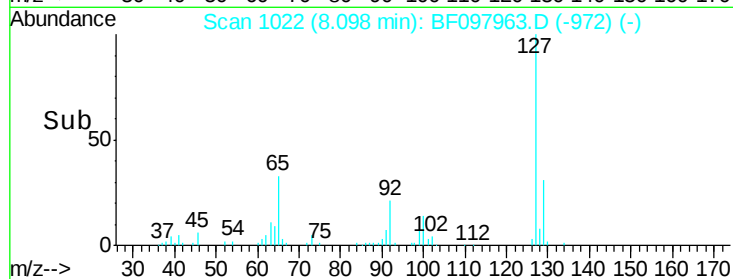
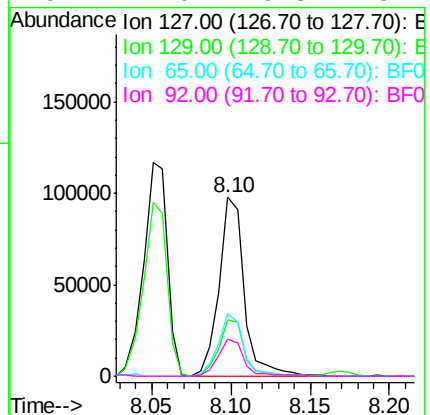
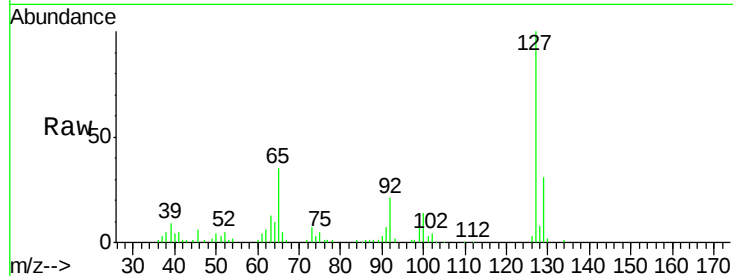




#33
4-Chloroaniline
Concen: 10.65 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

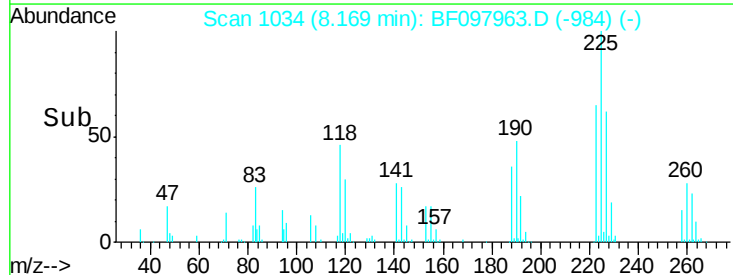
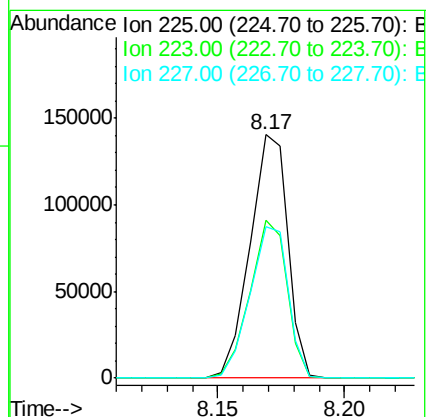
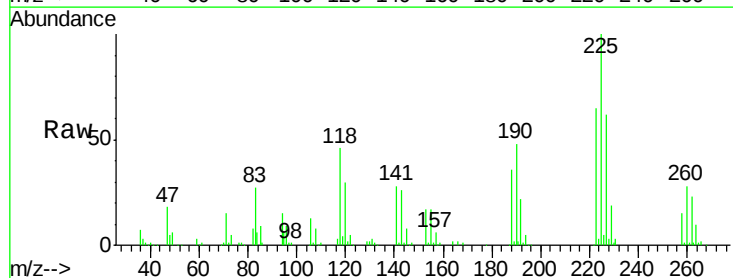
Instrument :
BNA_F
ClientSampleId :
PB101741BS

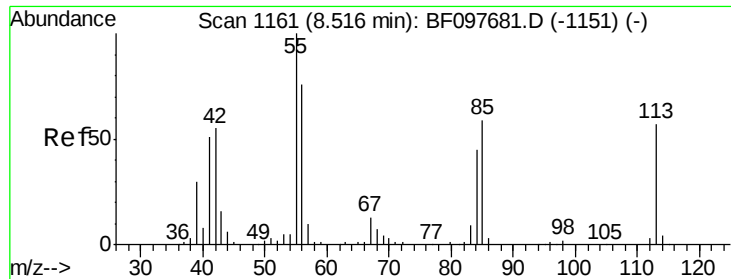
Tot Ion:127 Resp: 108057
Ion Ratio Lower Upper
127 100
129 31.1 26.2 39.2
65 35.1 27.8 41.8
92 21.0 16.8 25.2



#34
Hexachlorobutadiene
Concen: 36.86 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Tgt Ion:225 Resp: 146471
Ion Ratio Lower Upper
225 100
223 65.1 48.8 73.2
227 62.1 51.1 76.7

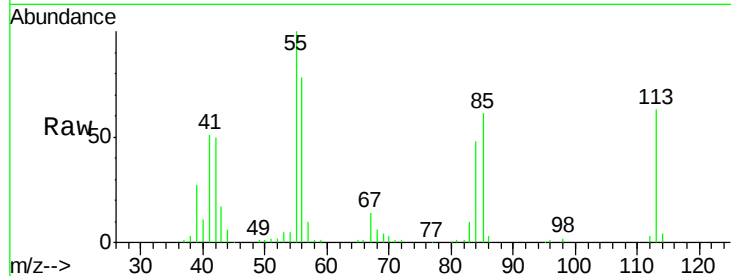




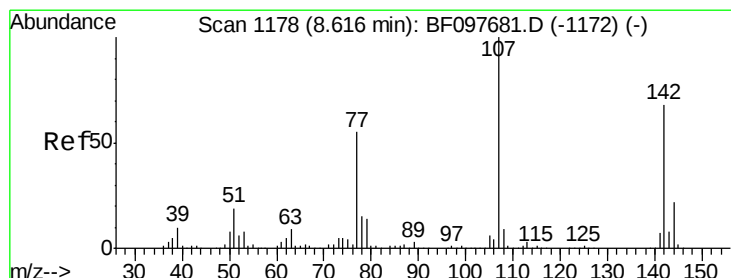
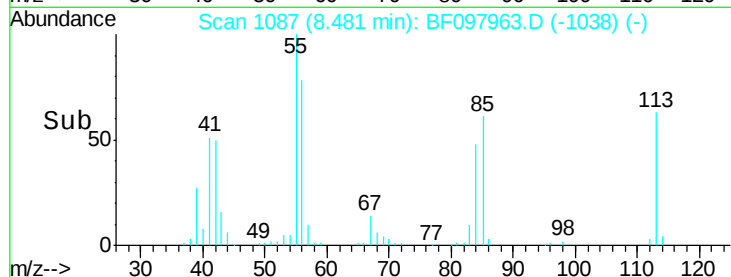
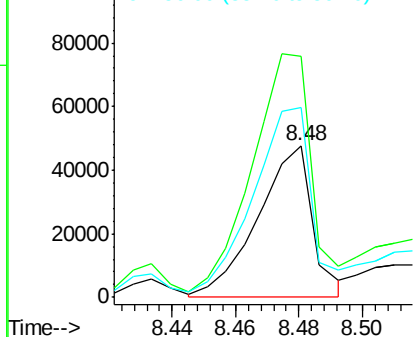
#35
Caprolactam
Concen: 27.53 ng
RT: 8.48 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB101741BS

Tot Ion:113 Resp: 57464
Ion Ratio Lower Upper
113 100
55 159.4 150.2 190.2
56 125.0 107.8 147.8

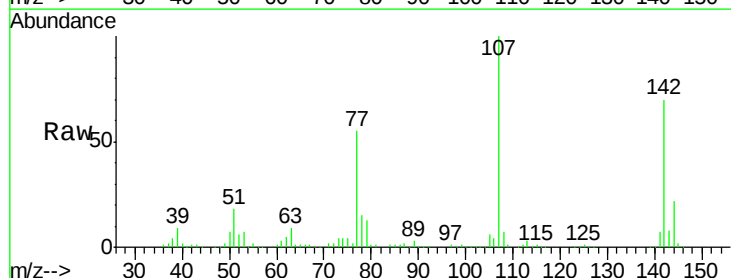


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

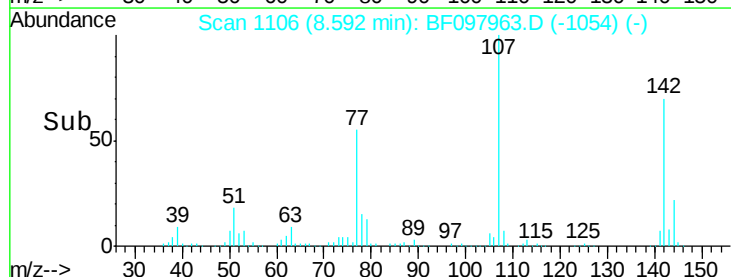
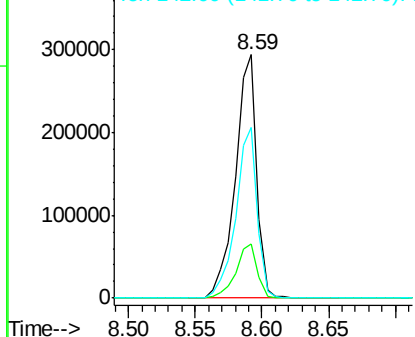


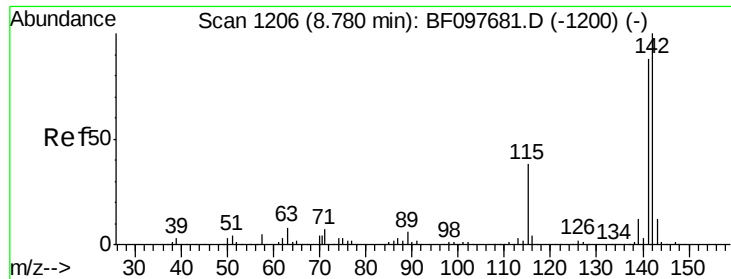
#36
4-Chloro-3-methylphenol
Concen: 41.74 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Tgt Ion:107 Resp: 329257
Ion Ratio Lower Upper
107 100
144 22.4 24.2 36.4#
142 69.9 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

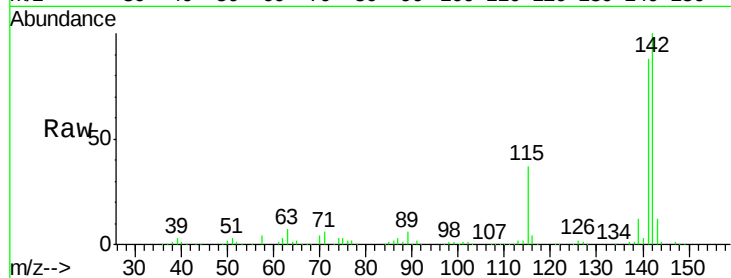




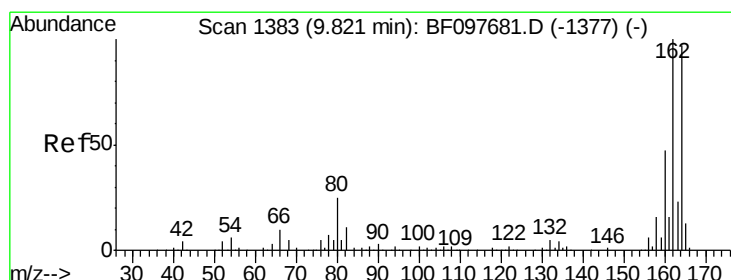
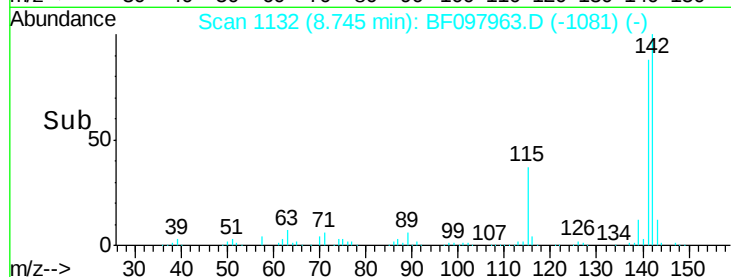
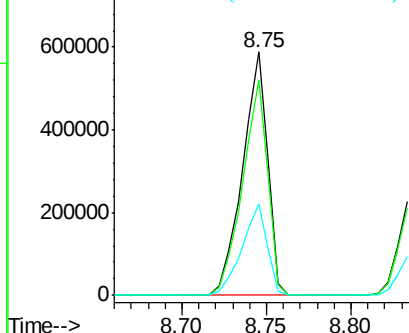
#37
2-Methylnaphthalene
Concen: 41.53 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB101741BS

Tot Ion:142 Resp: 612444
Ion Ratio Lower Upper
142 100
141 88.3 71.3 106.9
115 37.5 27.1 40.7

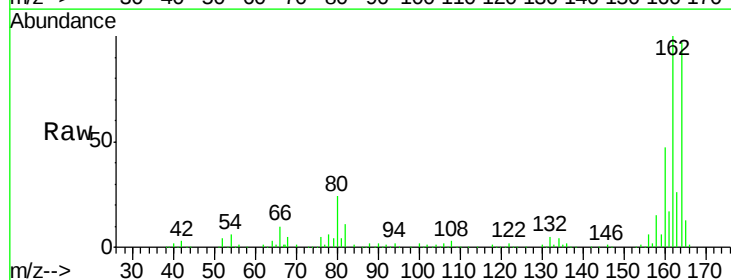


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

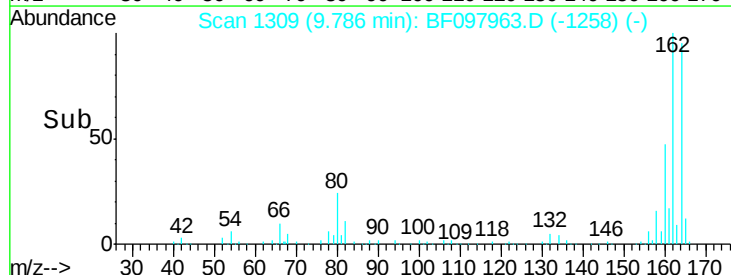
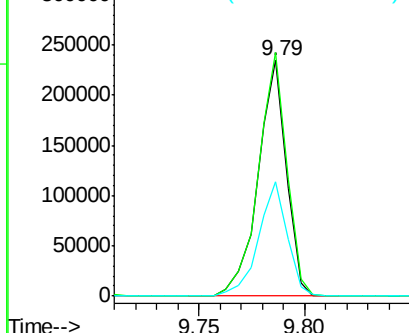


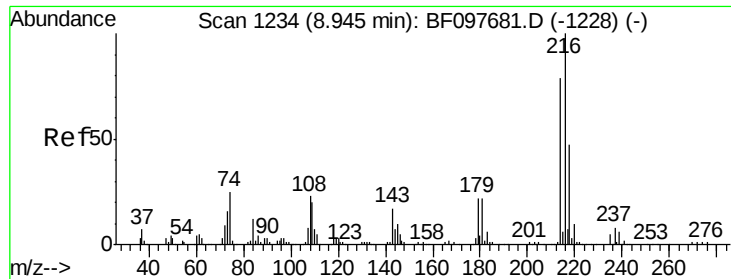
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Tgt Ion:164 Resp: 218863
Ion Ratio Lower Upper
164 100
162 103.3 82.6 123.8
160 48.5 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

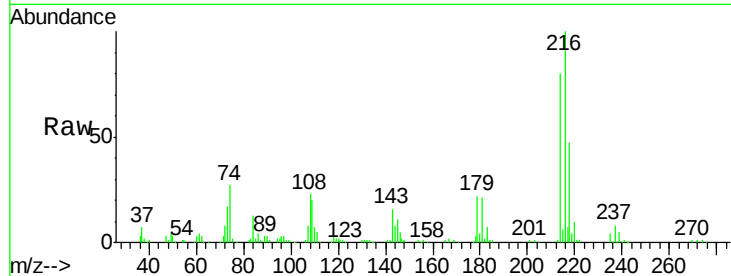




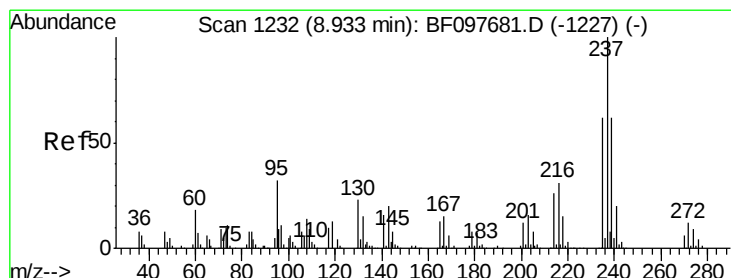
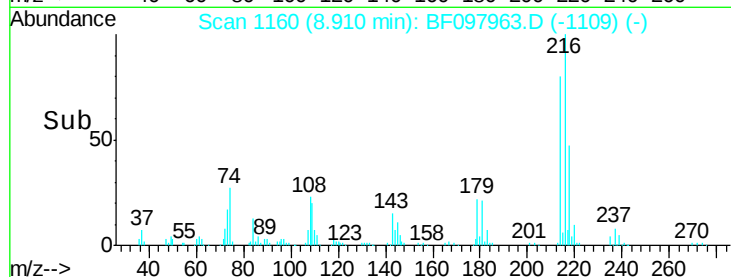
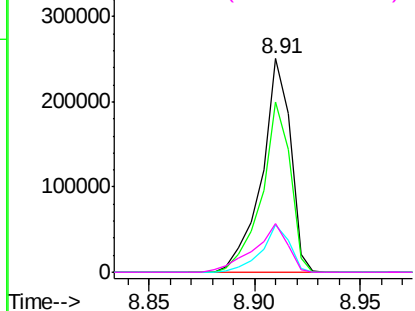
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.43 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 PB101741BS

Tot Ion:216	Resp:	237962
Ion Ratio	Lower	Upper
216	100	
214	79.1	63.4 95.2
179	21.6	17.9 26.9
108	26.8	16.5 24.7#

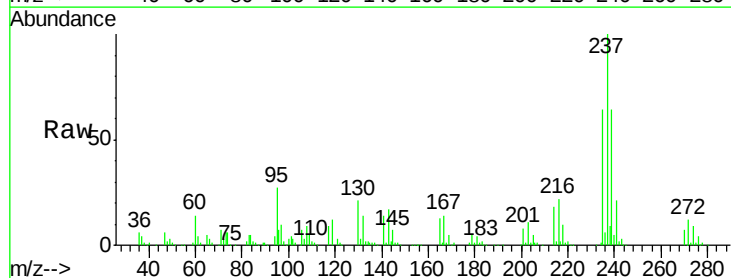


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

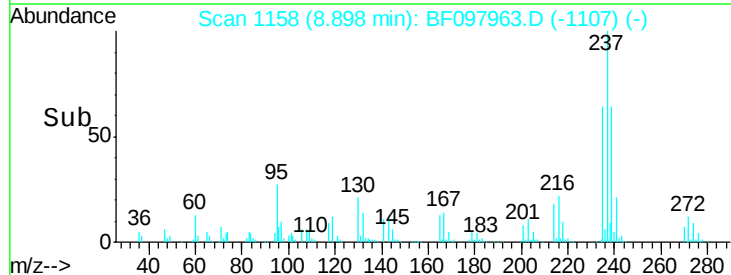
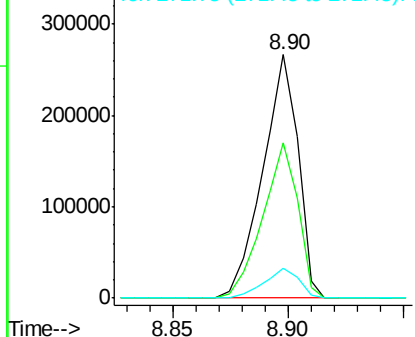


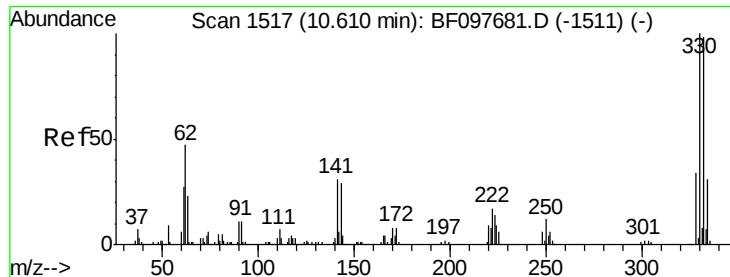
#40
 Hexachlorocyclopentadiene
 Concen: 87.61 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

Tgt Ion:237	Resp:	282688
Ion Ratio	Lower	Upper
237	100	
235	63.9	42.6 82.6
272	12.2	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

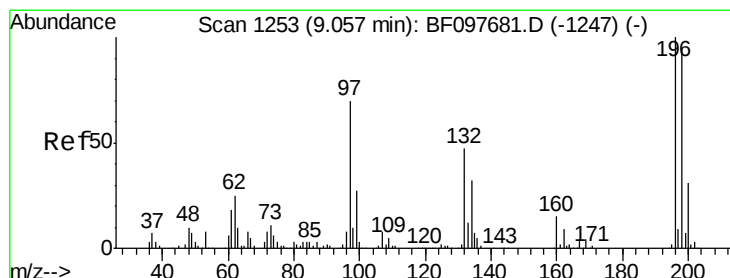
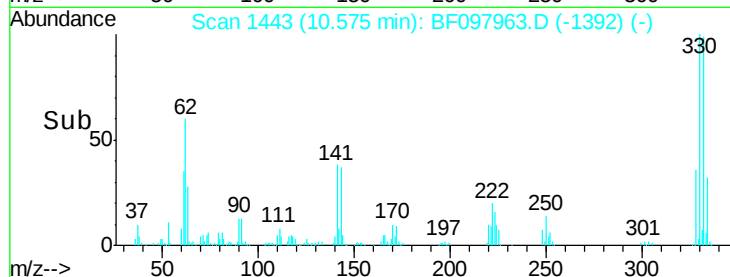
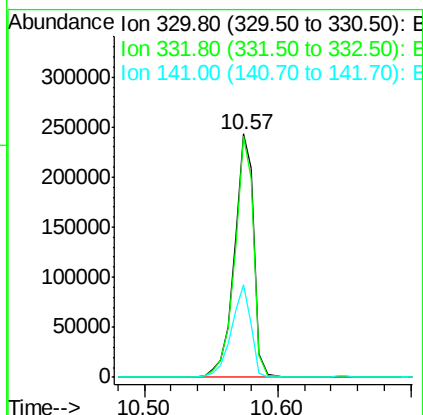
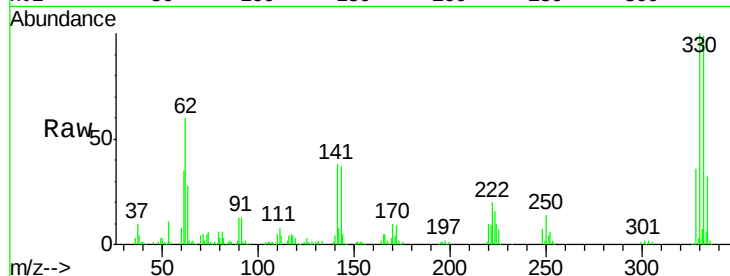




#41
 2,4,6-Tribromophenol
 Concen: 129.78 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

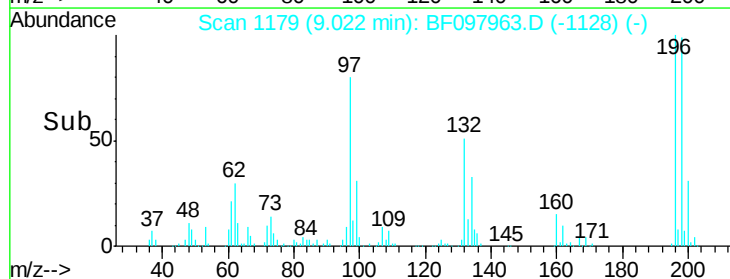
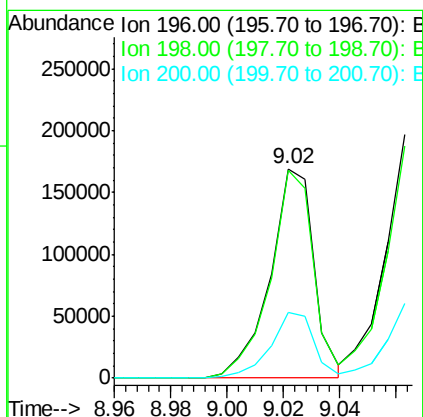
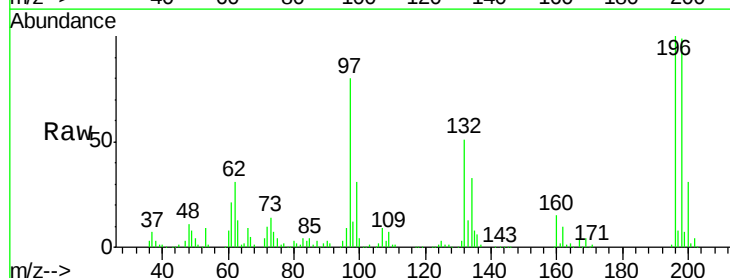
Instrument :
 BNA_F
 ClientSampleId :
 PB101741BS

Tot Ion:330 Resp: 246444
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 38.8 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.58 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

Tgt Ion:196 Resp: 182993
 Ion Ratio Lower Upper
 196 100
 198 99.2 74.2 111.4
 200 31.1 24.0 36.0

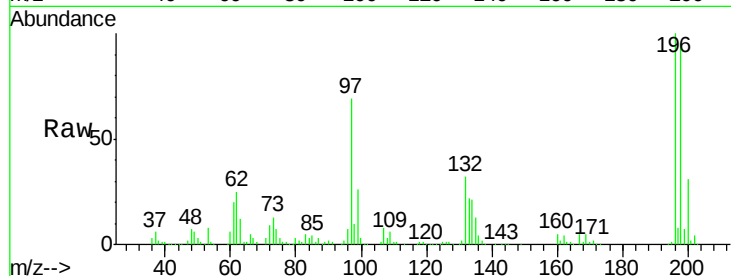




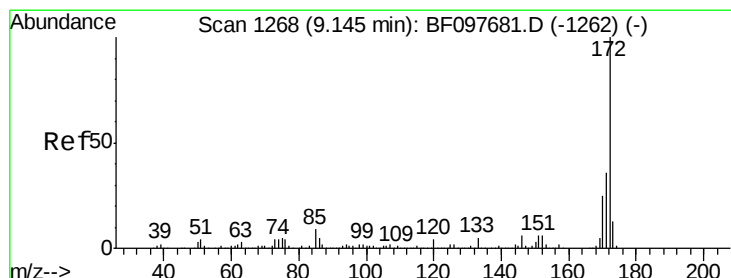
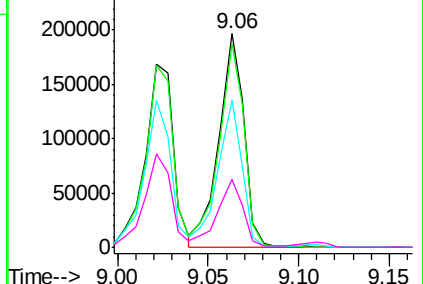
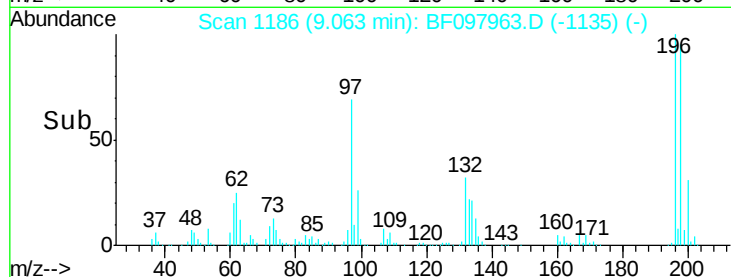
#43
 2,4,5-Trichlorophenol
 Concen: 42.45 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 PB101741BS

Tot Ion:196 Resp: 189923
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 97 69.1 47.7 71.5
 132 31.9 28.0 42.0

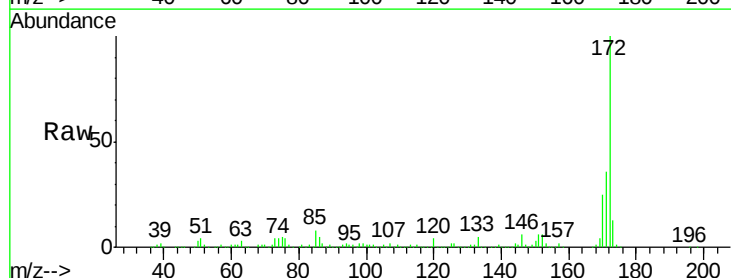


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

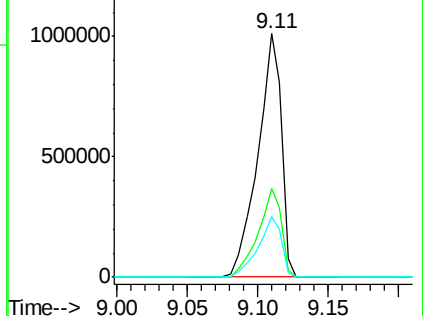
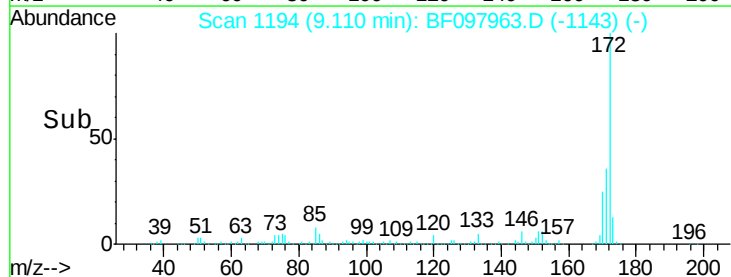


#44
 2-Fluorobiphenyl
 Concen: 79.71 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

Tgt Ion:172 Resp: 1187448
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.8 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

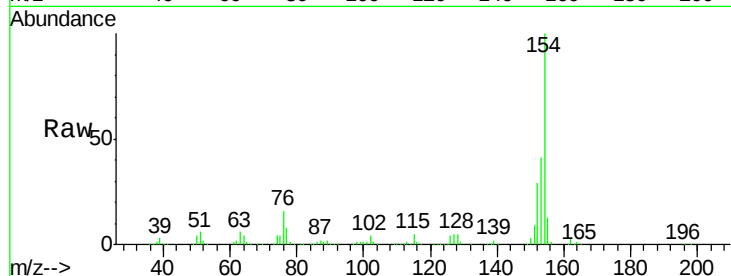




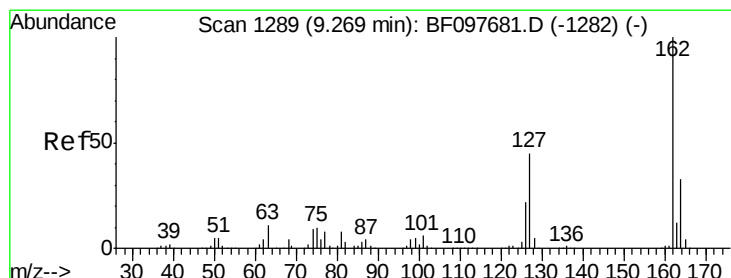
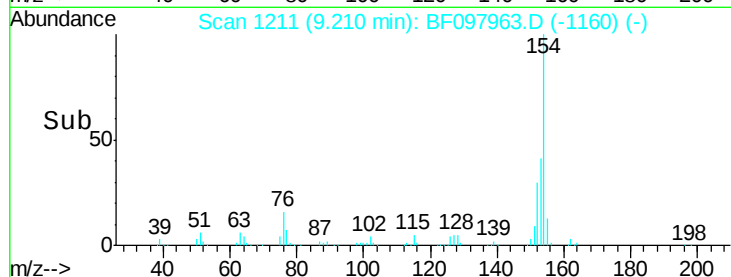
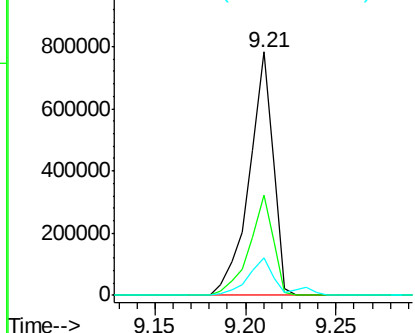
#45
1,1'-Biphenyl
Concen: 36.00 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB101741BS

Tot Ion:154 Resp: 718510
Ion Ratio Lower Upper
154 100
153 41.1 21.2 61.2
76 15.6 0.0 29.9

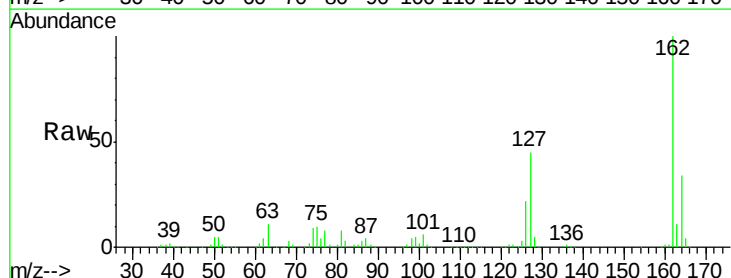


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

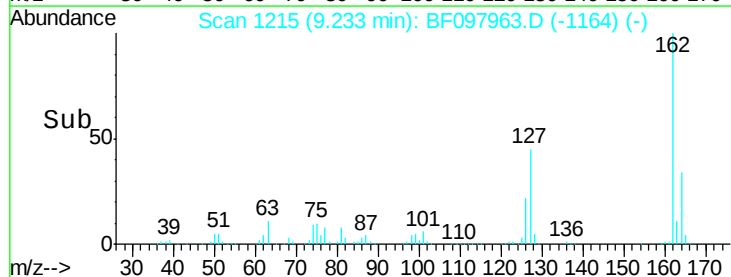
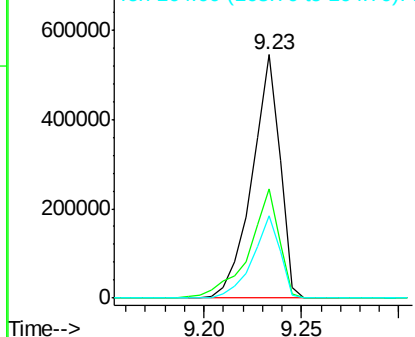


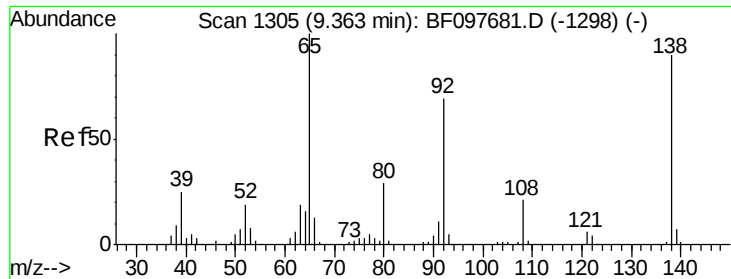
#46
2-Chloronaphthalene
Concen: 36.55 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Tgt Ion:162 Resp: 539044
Ion Ratio Lower Upper
162 100
127 44.7 28.3 42.5#
164 33.7 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

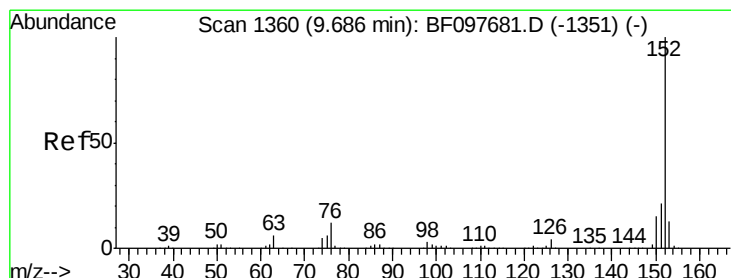
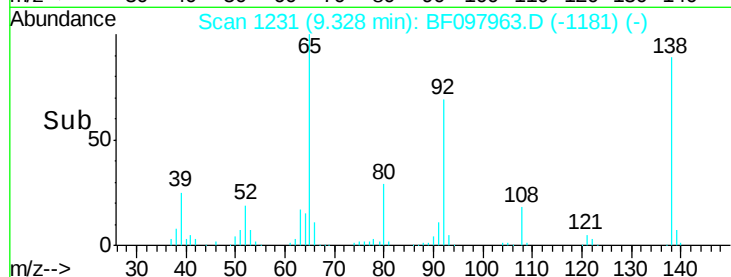
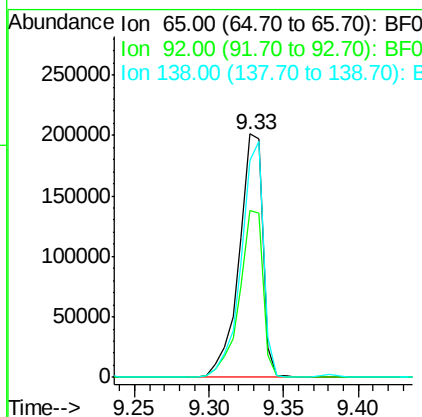
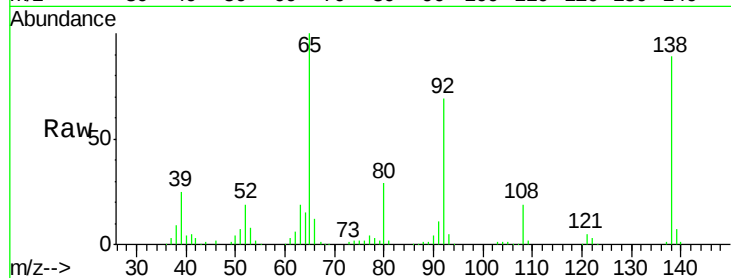




#47
 2-Nitroaniline
 Concen: 45.04 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

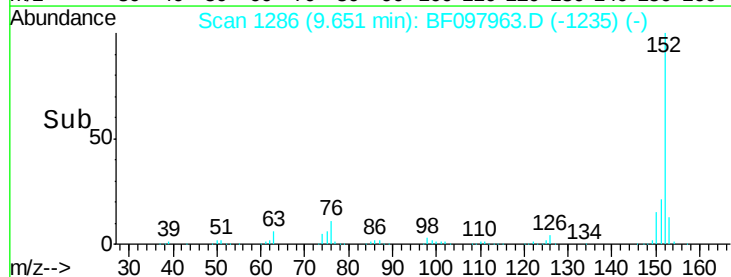
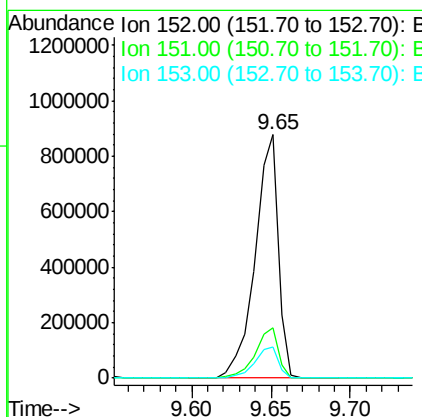
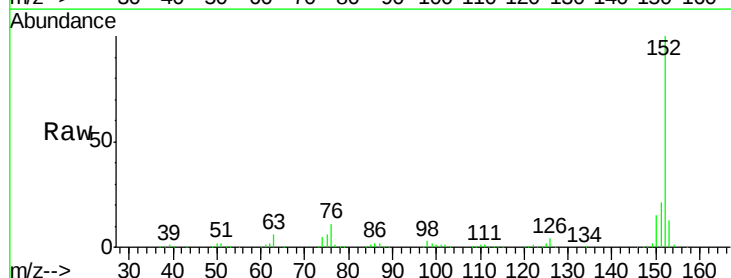
Instrument :
 BNA_F
 ClientSampleId :
 PB101741BS

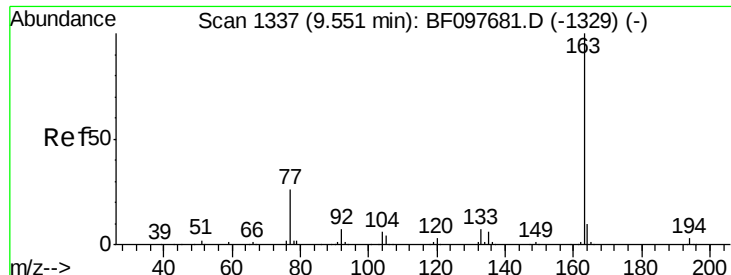
Tot Ion: 65 Resp: 222667
 Ion Ratio Lower Upper
 65 100
 92 68.5 53.9 80.9
 138 88.8 78.8 118.2



#48
 Acenaphthylene
 Concen: 38.56 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

Tgt Ion: 152 Resp: 892912
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.8 25.2
 153 12.8 10.8 16.2

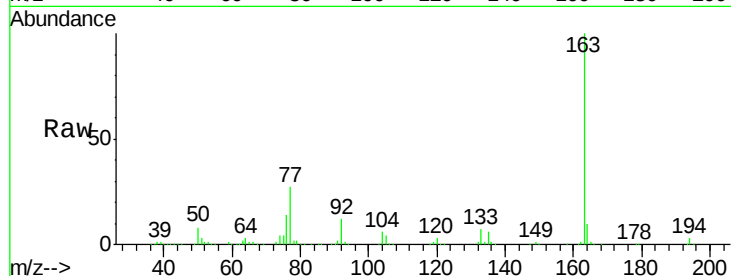




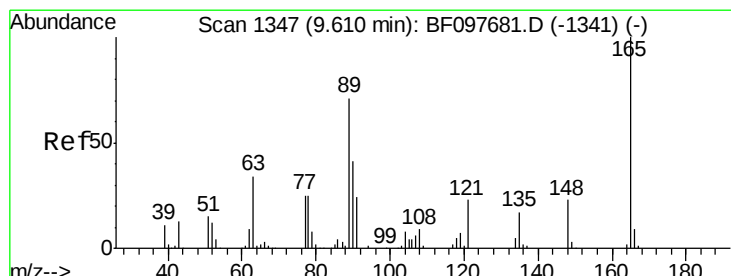
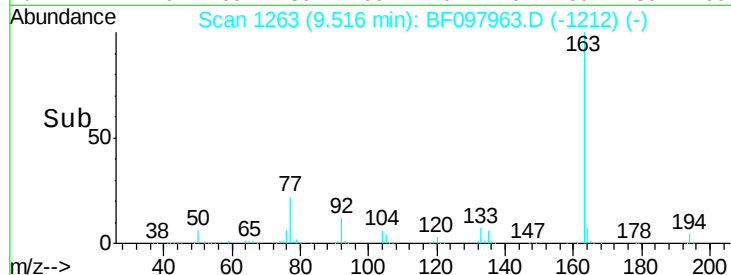
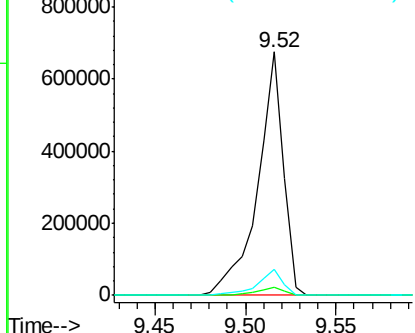
#49
Dimethylphthalate
Concen: 41.47 ng
RT: 9.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB101741BS

Tot Ion:163 Resp: 663493
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.4 8.4 12.6

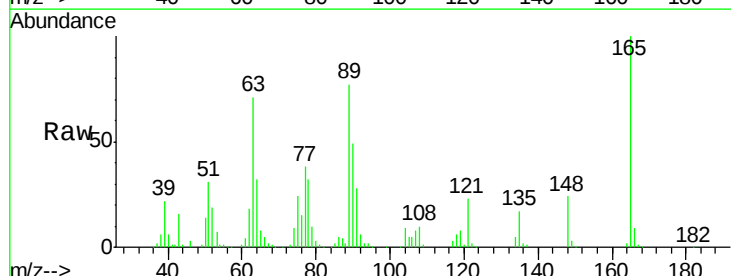


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

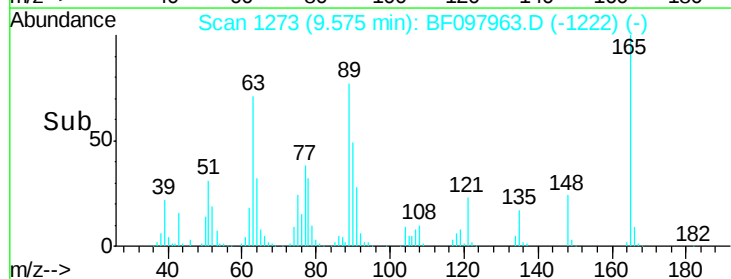
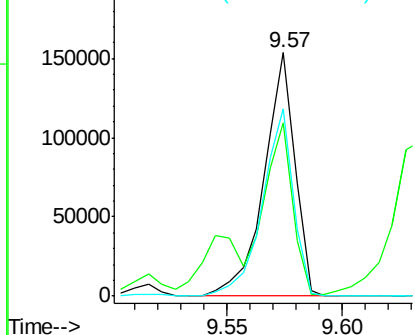


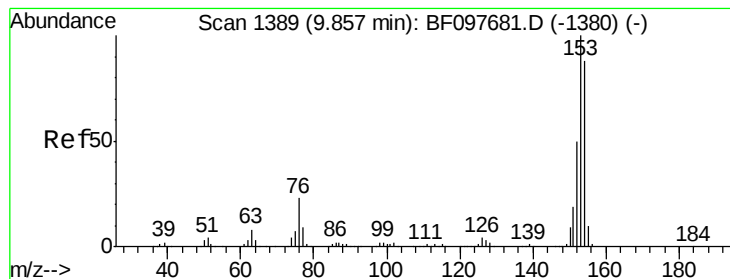
#50
2,6-Dinitrotoluene
Concen: 44.73 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Tgt Ion:165 Resp: 142838
Ion Ratio Lower Upper
165 100
63 71.0 34.3 51.5#
89 76.9 37.1 55.7#



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





#51

Acenaphthene

Concen: 36.85 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

PB101741BS

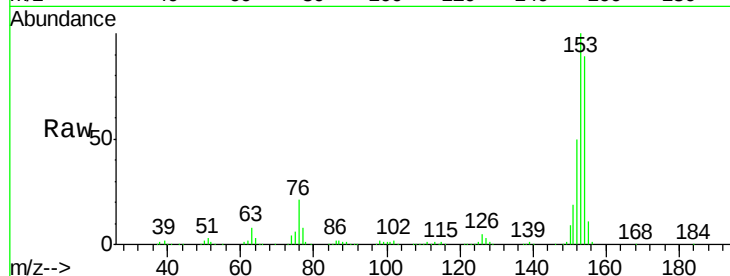
Tot Ion:154 Resp: 538168

Ion Ratio Lower Upper

154 100

153 112.5 90.5 135.7

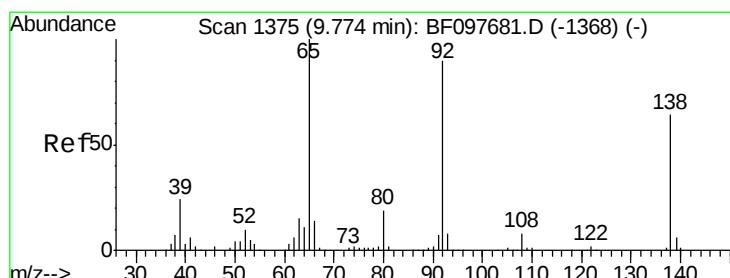
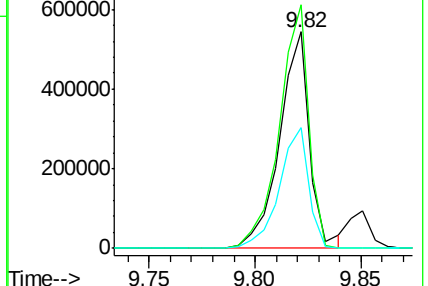
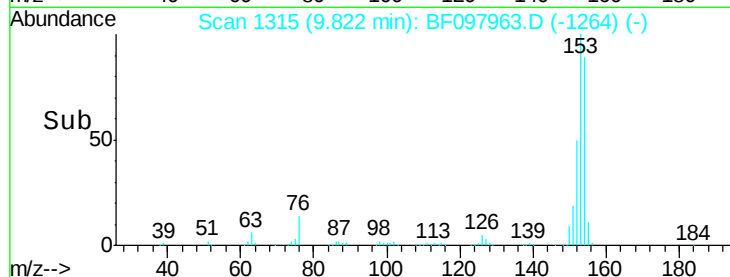
152 55.8 43.6 65.4



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: 17.72 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

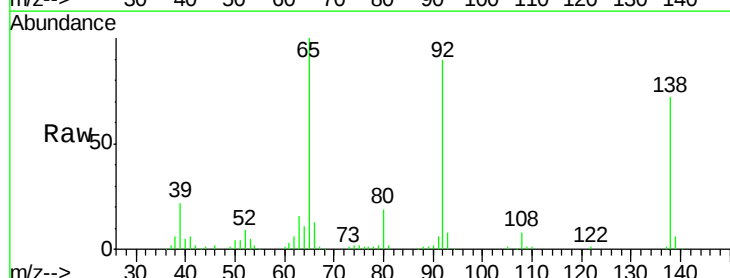
Tgt Ion:138 Resp: 73015

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

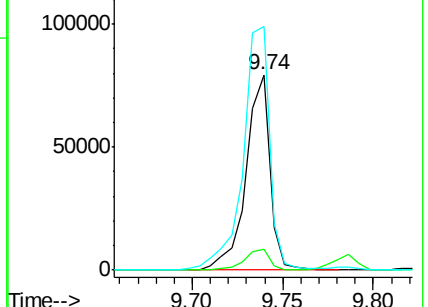
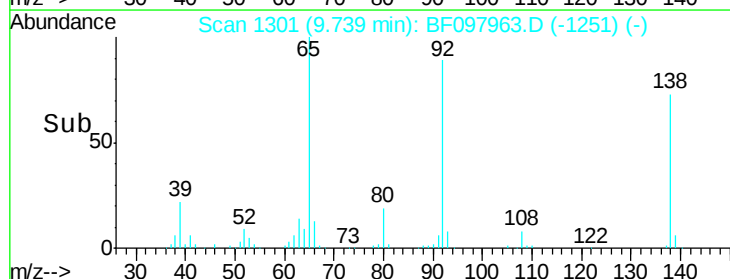
92 124.9 93.8 140.6

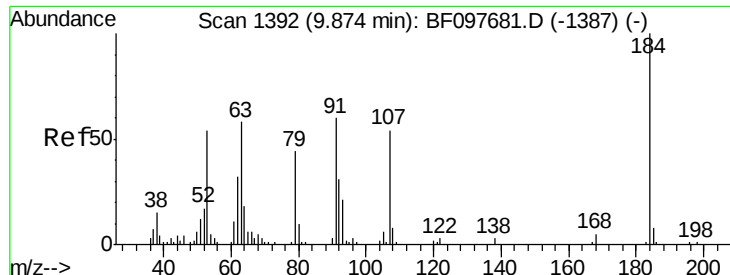


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

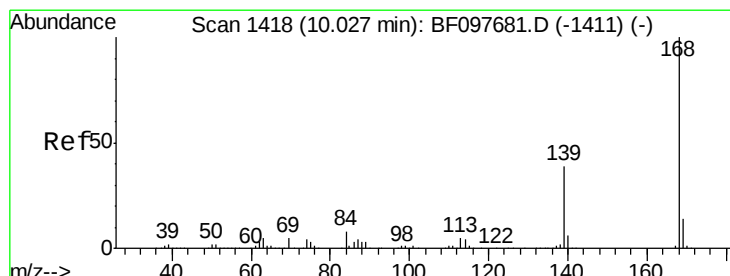
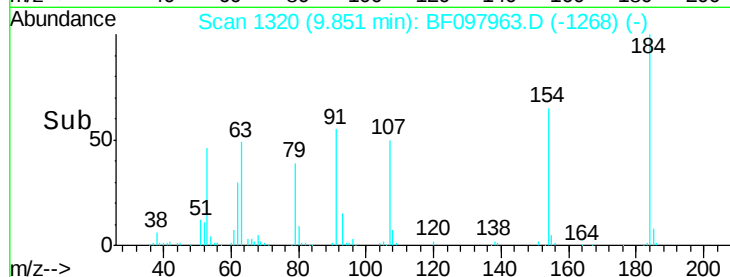
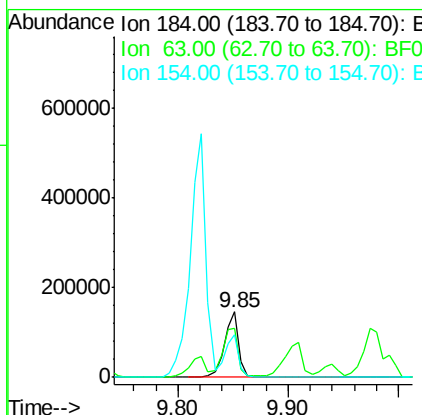
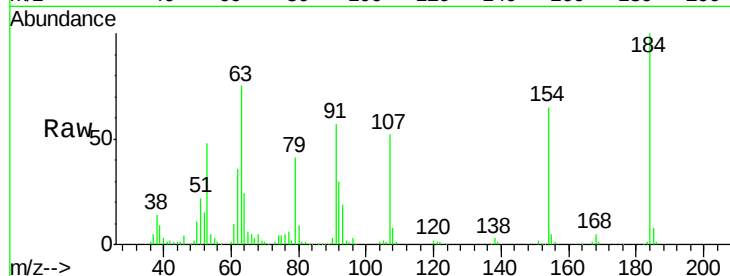




#53
 2,4-Dinitrophenol
 Concen: 85.74 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

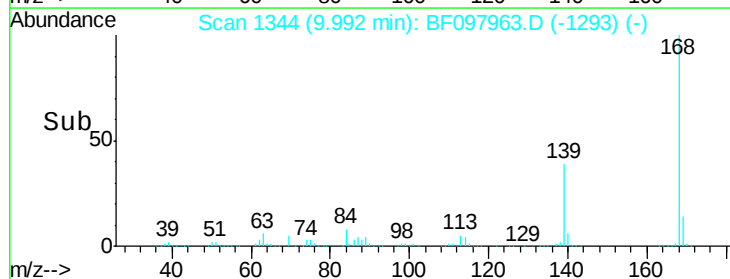
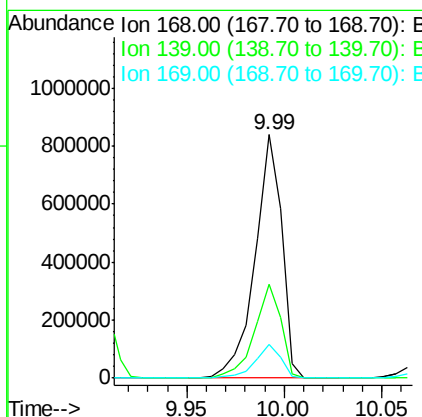
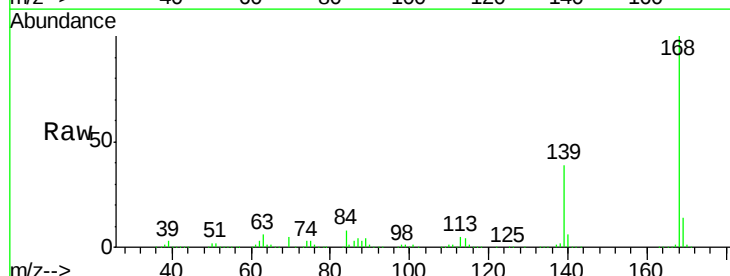
Instrument :
 BNA_F
 ClientSampleId :
 PB101741BS

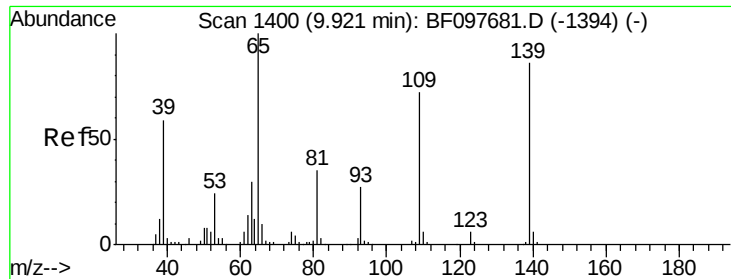
Tot Ion:184 Resp: 131509
 Ion Ratio Lower Upper
 184 100
 63 75.3 62.7 94.1
 154 65.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.67 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

Tgt Ion:168 Resp: 796166
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.6 45.8
 169 13.6 10.8 16.2

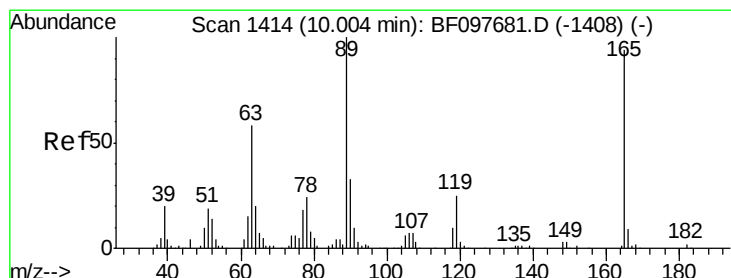
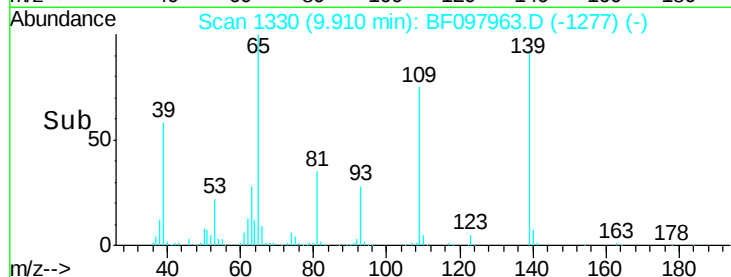
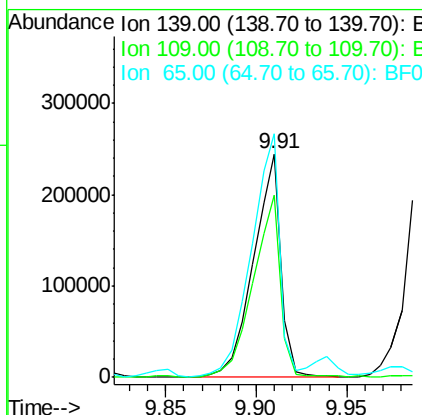
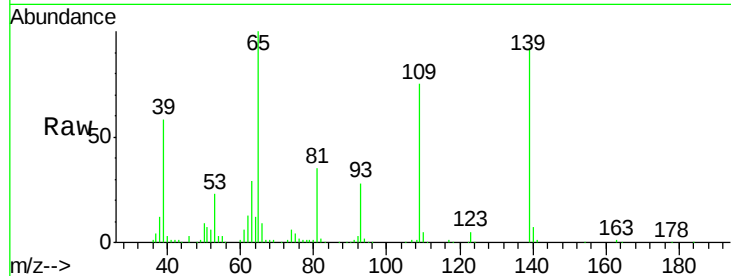




#55
4-Nitrophenol
Concen: 78.12 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

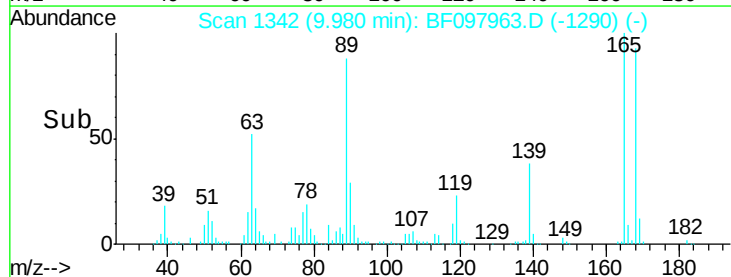
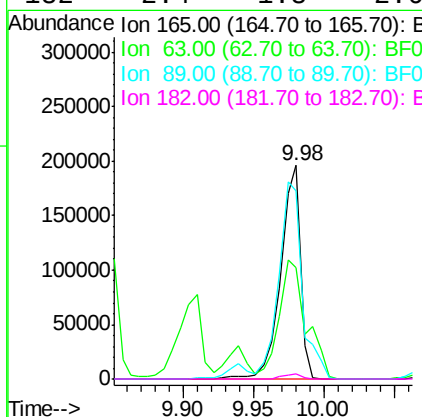
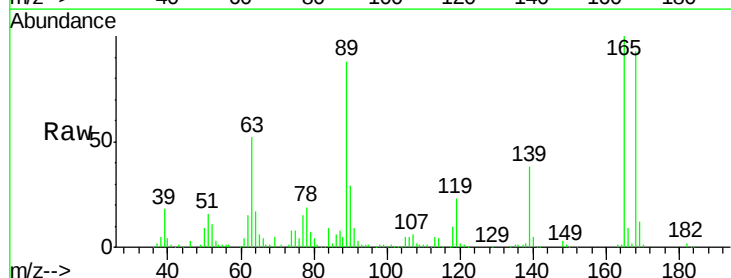
Instrument :
BNA_F
ClientSampleId :
PB101741BS

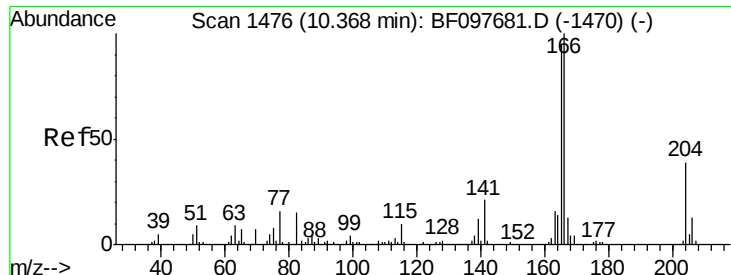
Tot Ion:139 Resp: 256766
Ion Ratio Lower Upper
139 100
109 81.5 34.1 74.1#
65 108.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 47.59 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Tgt Ion:165 Resp: 190720
Ion Ratio Lower Upper
165 100
63 52.1 25.4 38.0#
89 88.1 46.4 69.6#
182 2.4 1.8 2.6

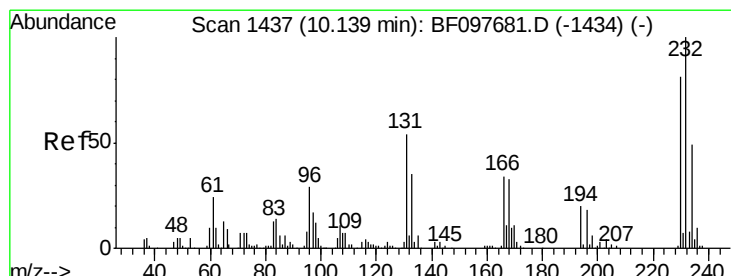
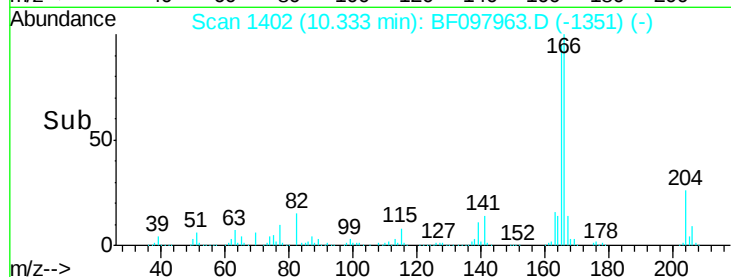
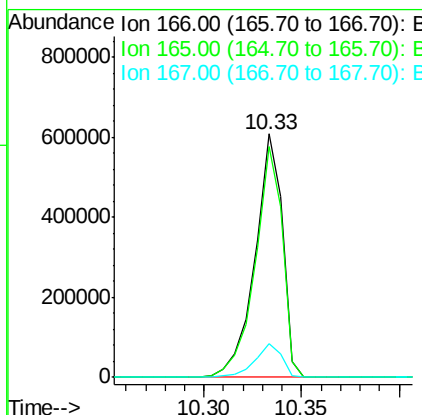
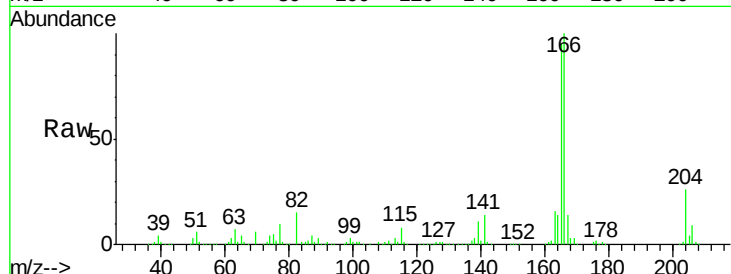




#57
Fluorene
 Concen: 38.96 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

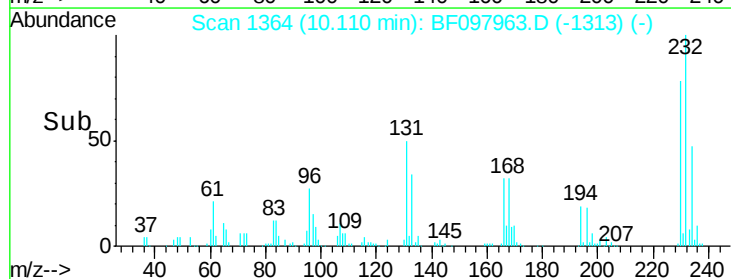
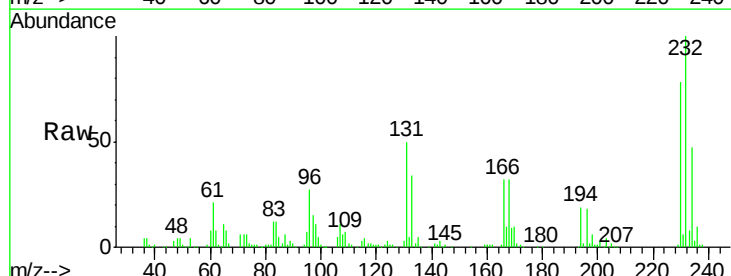
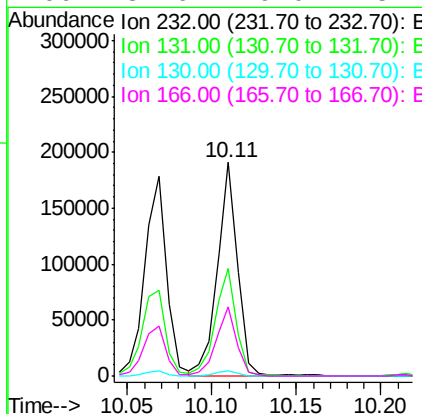
Instrument :
 BNA_F
 ClientSampleId :
 PB101741BS

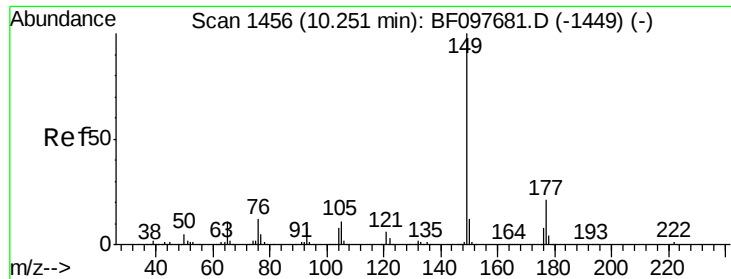
Tot Ion	Ratio	Lower	Upper
166	100		
165	94.9	78.8	118.2
167	13.8	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.99 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.2	44.8	67.2
130	2.7	2.3	3.5
166	32.6	29.0	43.4

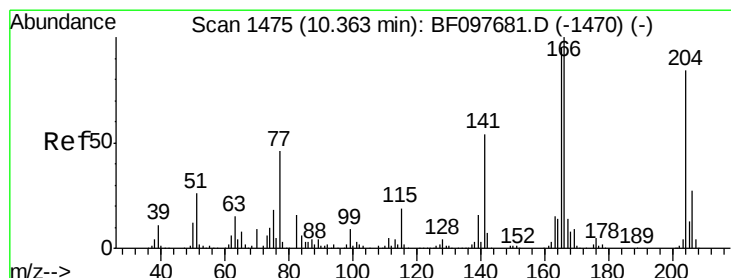
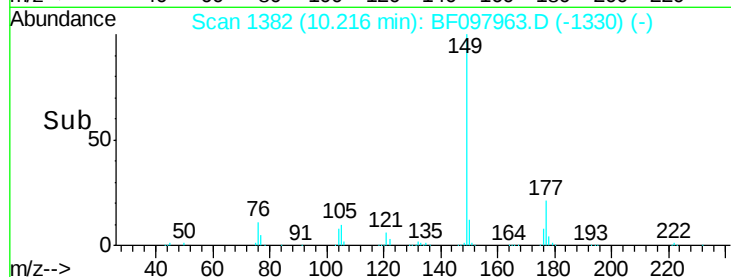
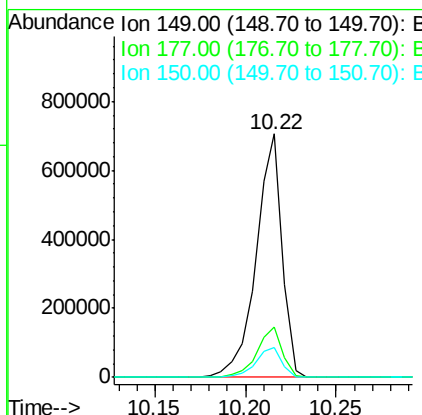
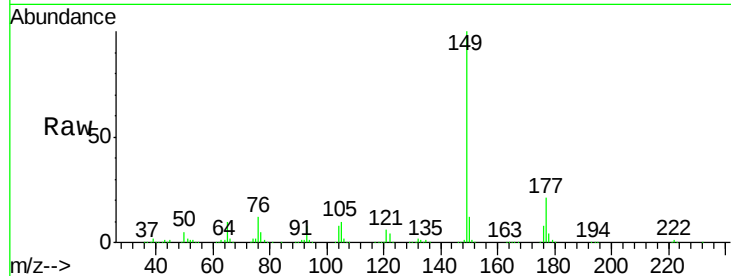




#59
Diethylphthalate
Concen: 41.68 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

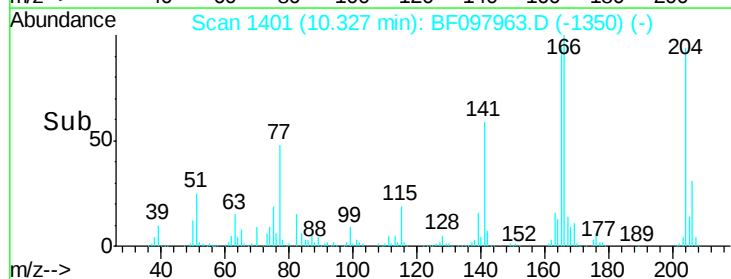
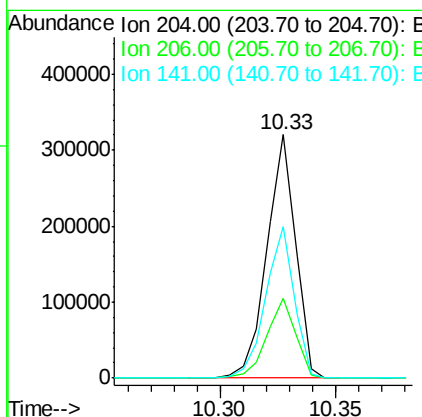
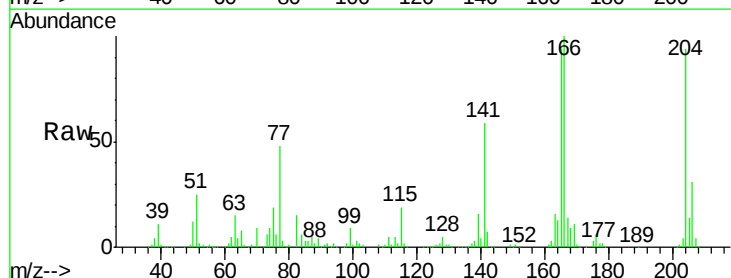
Instrument :
BNA_F
ClientSampleId :
PB101741BS

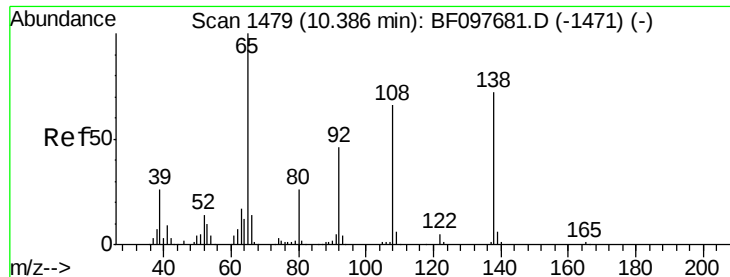
Tot Ion:149 Resp: 697351
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.40 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Tgt Ion:204 Resp: 276998
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 62.5 60.8 91.2

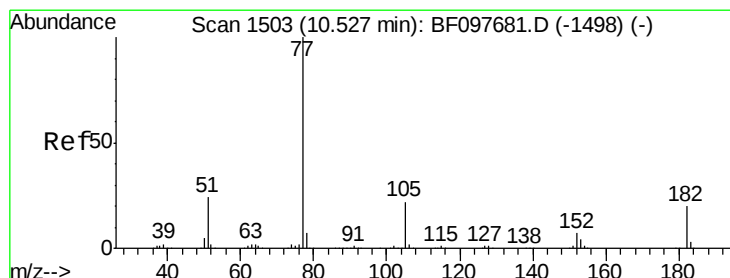
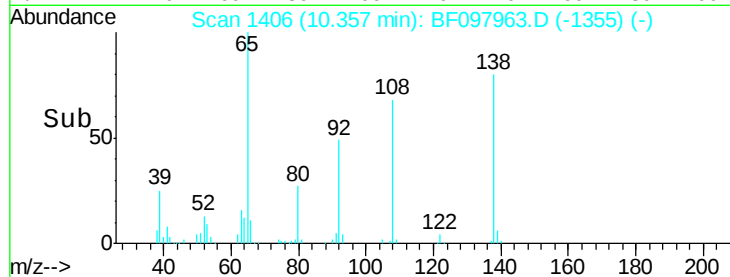
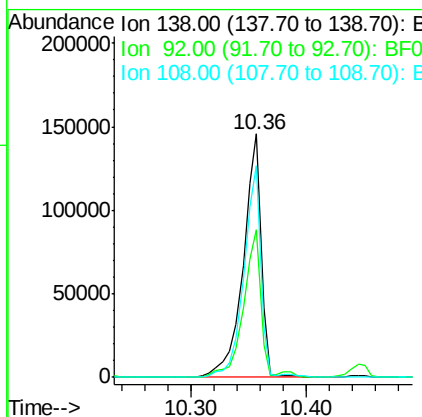
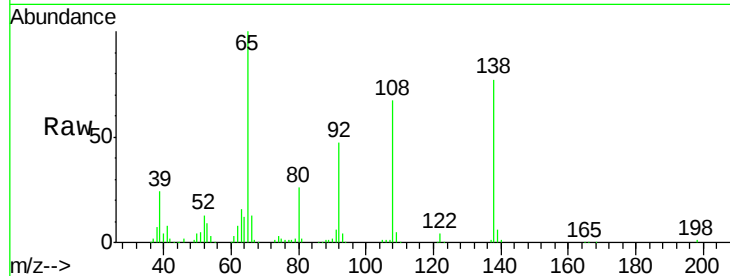




#61
4-Nitroaniline
Concen: 39.99 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

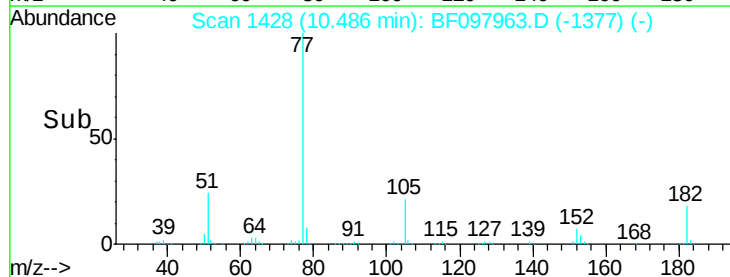
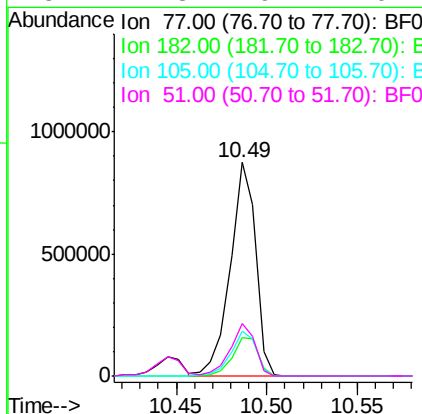
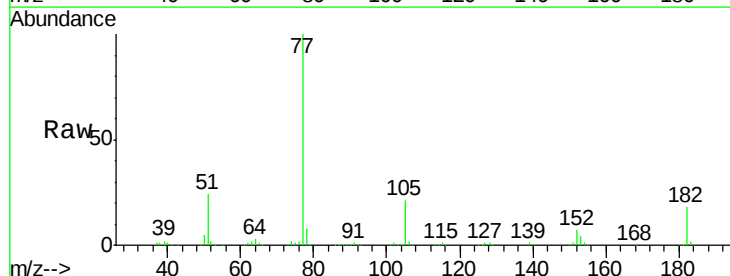
Instrument :
BNA_F
ClientSampleId :
PB101741BS

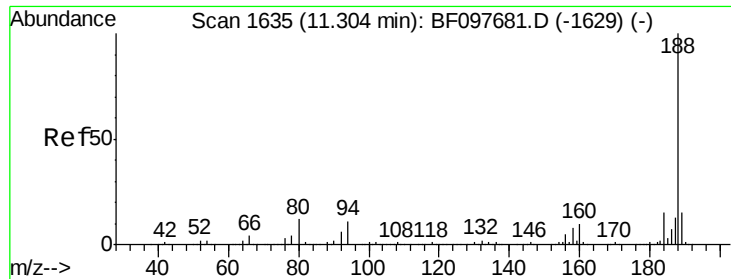
Tot Ion:138 Resp: 156586
Ion Ratio Lower Upper
138 100
92 60.8 21.8 61.8
108 87.2 42.3 82.3#



#62
Azobenzene
Concen: 42.94 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Tgt Ion: 77 Resp: 853328
Ion Ratio Lower Upper
77 100
182 17.7 0.1 40.1
105 21.0 3.6 43.6
51 24.3 9.4 49.4

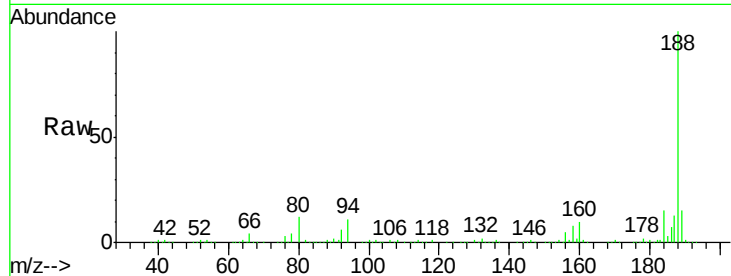




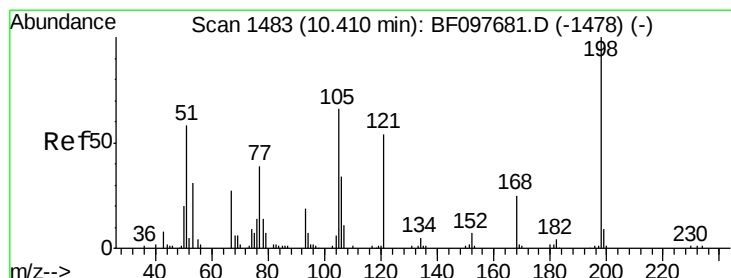
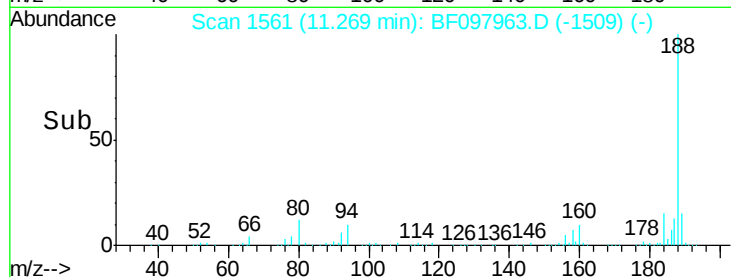
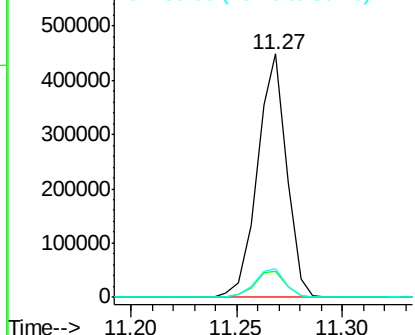
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 PB101741BS

Tot Ion:188 Resp: 429345
 Ion Ratio Lower Upper
 188 100
 94 10.9 9.4 14.2
 80 11.7 10.2 15.2

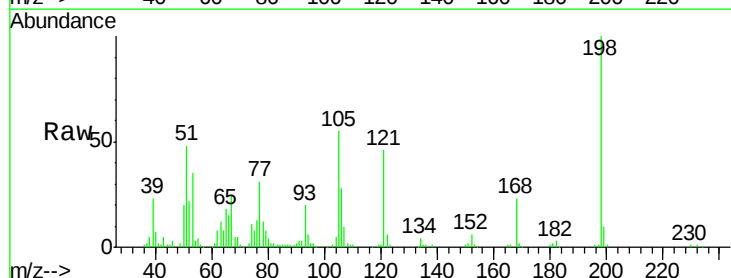


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

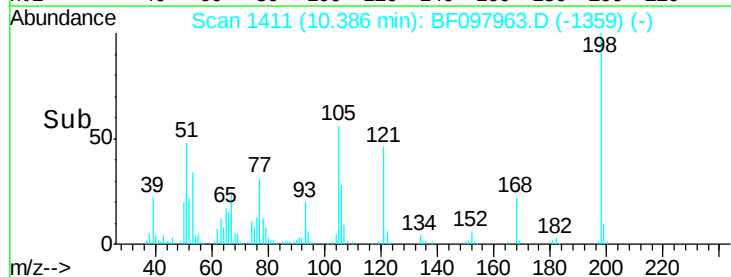
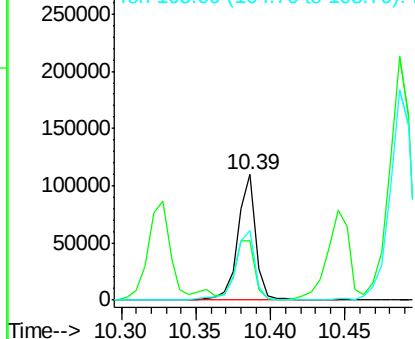


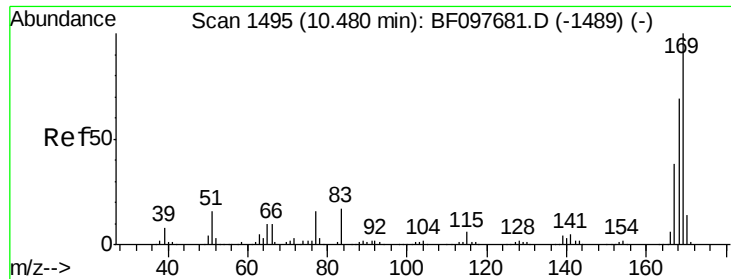
#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.71 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

Tgt Ion:198 Resp: 91499
 Ion Ratio Lower Upper
 198 100
 51 47.8 53.2 93.2#
 105 55.3 45.8 85.8



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

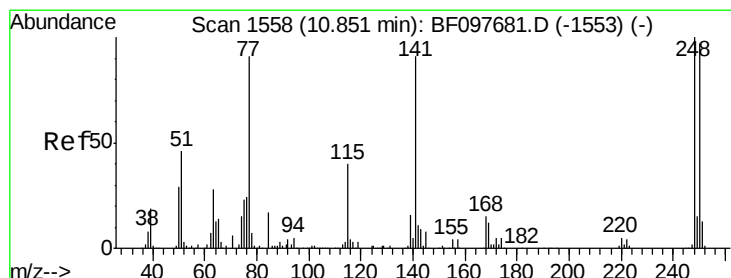
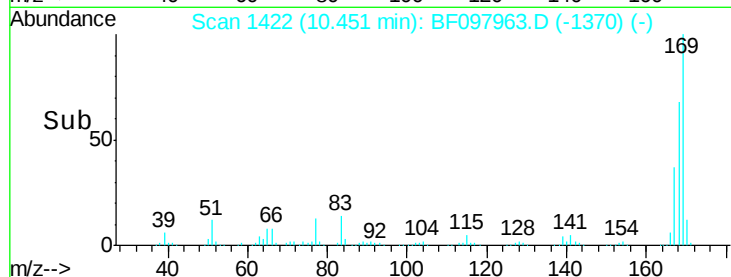
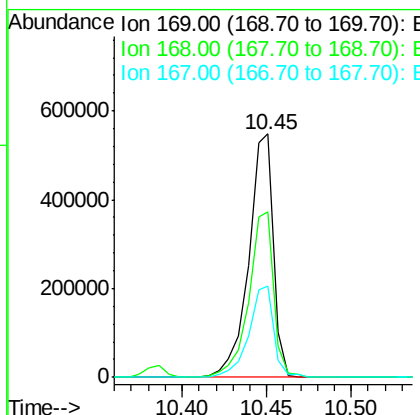
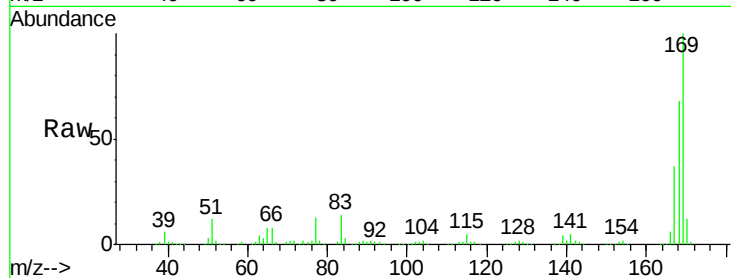




#65
 n-Nitrosodiphenylamine
 Concen: 38.40 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

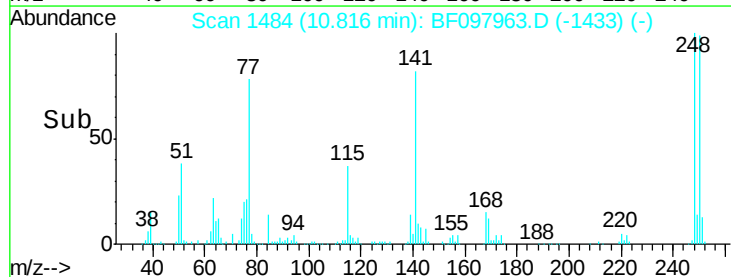
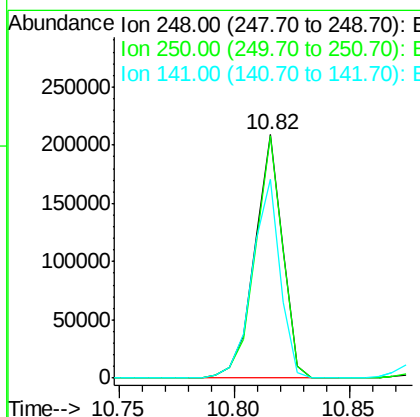
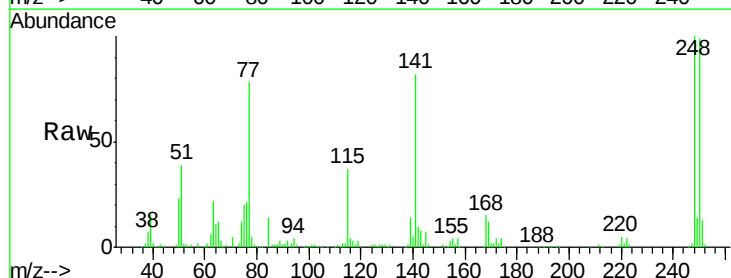
Instrument :
 BNA_F
 ClientSampleId :
 PB101741BS

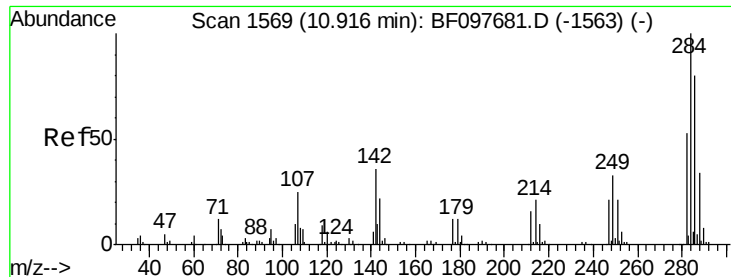
Tot Ion:169 Resp: 561455
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.2 79.8
 167 37.5 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 39.51 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

Tgt Ion:248 Resp: 176143
 Ion Ratio Lower Upper
 248 100
 250 99.4 76.8 115.2
 141 81.5 68.6 103.0

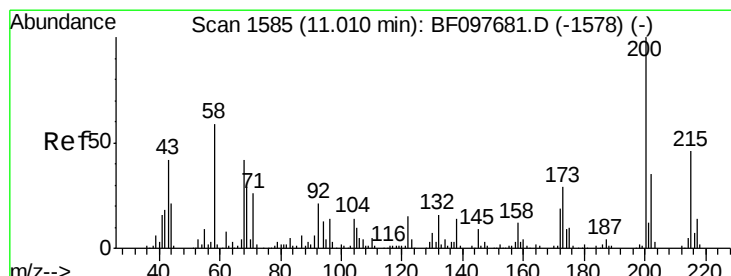
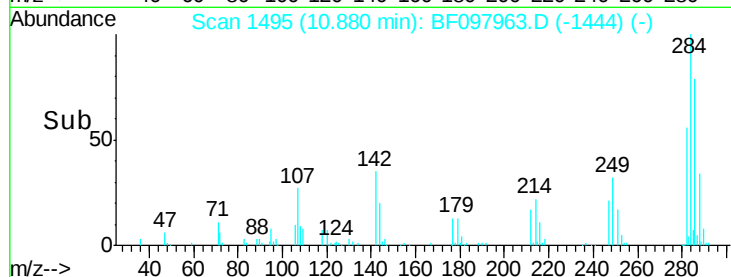
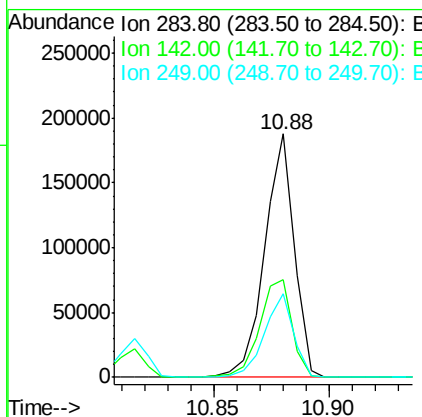
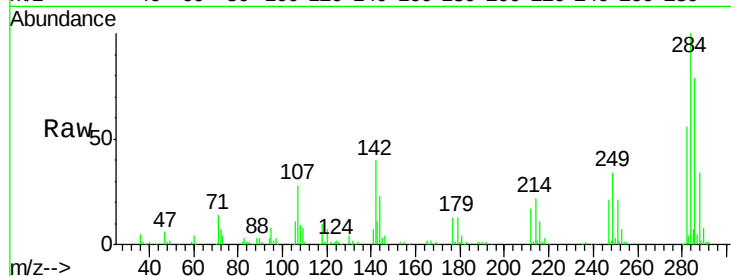




#67
Hexachlorobenzene
Concen: 36.70 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

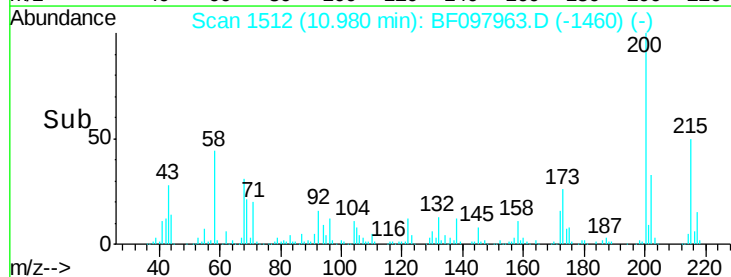
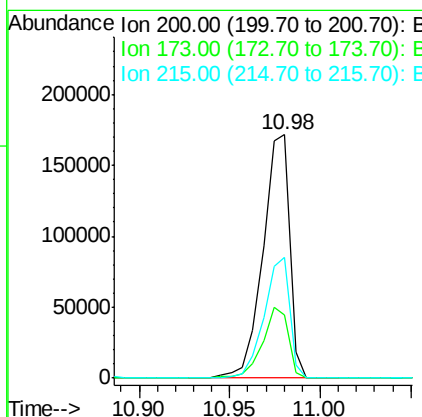
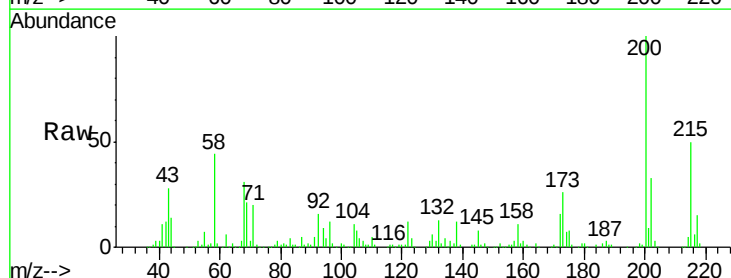
Instrument :
BNA_F
ClientSampleId :
PB101741BS

Tot Ion:284 Resp: 166759
Ion Ratio Lower Upper
284 100
142 40.2 22.8 34.2#
249 34.3 24.0 36.0



#68
Atrazine
Concen: 45.32 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Tgt Ion:200 Resp: 175714
Ion Ratio Lower Upper
200 100
173 26.2 6.3 46.3
215 49.6 27.2 67.2

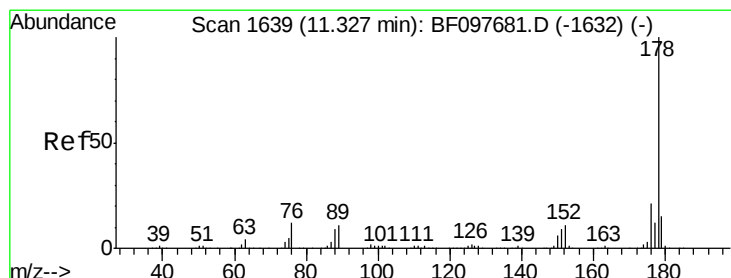
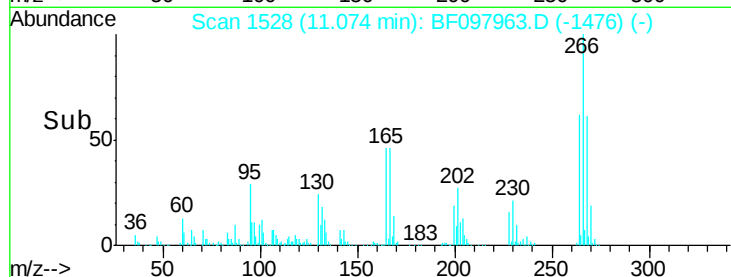
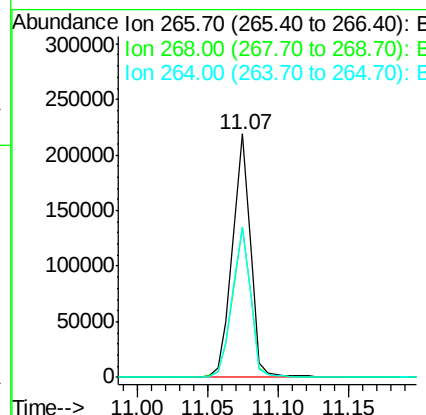
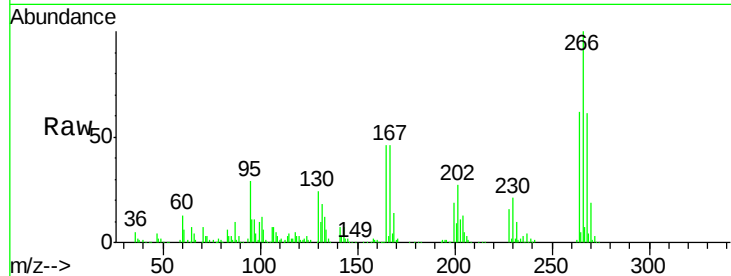




#69
 Pentachlorophenol
 Concen: 74.38 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

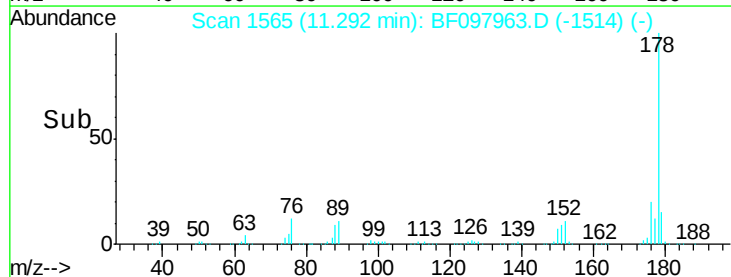
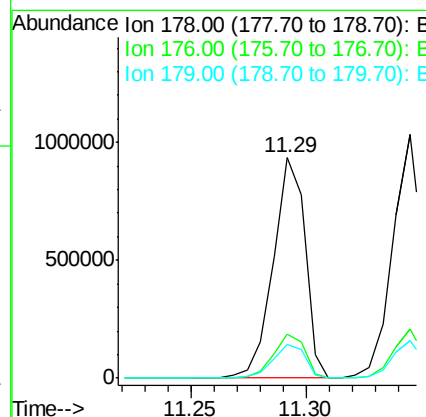
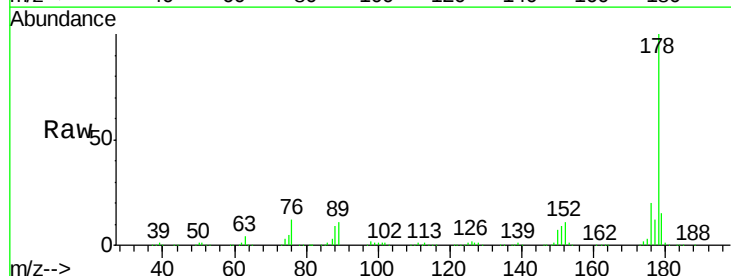
Instrument :
 BNA_F
 ClientSampleId :
 PB101741BS

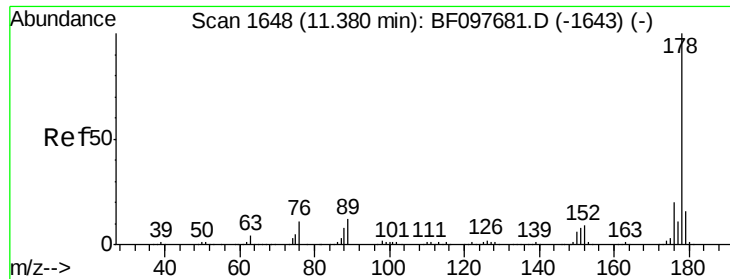
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.5	51.1	76.7
264	61.8	51.7	77.5



#70
 Phenanthrene
 Concen: 39.07 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.3	12.6	19.0

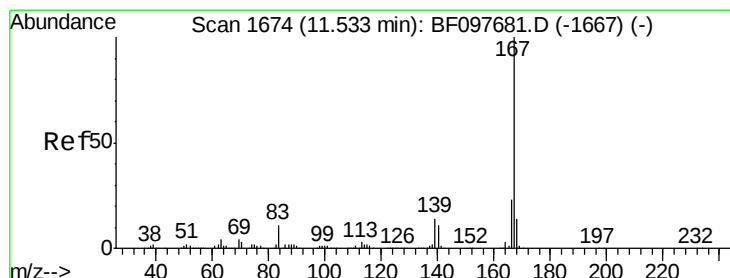
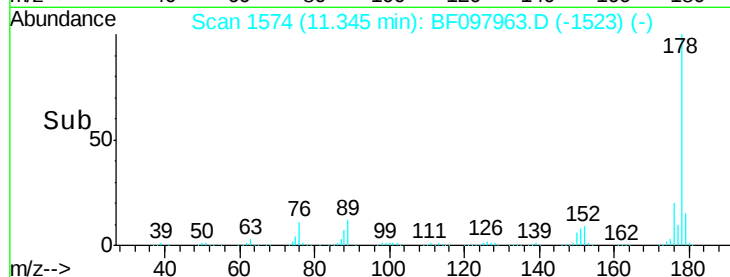
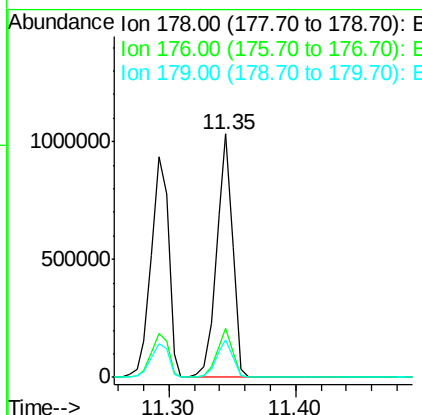
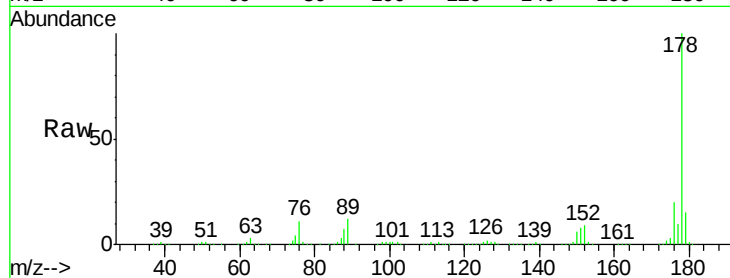




#71
 Anthracene
 Concen: 39.72 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

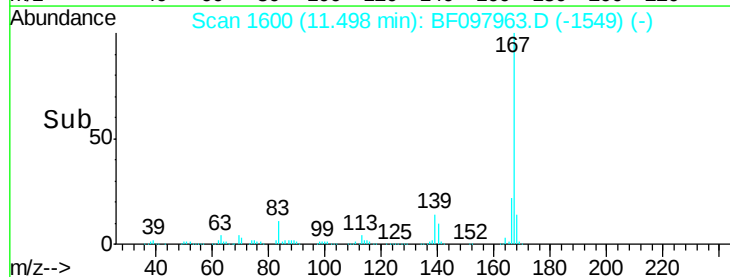
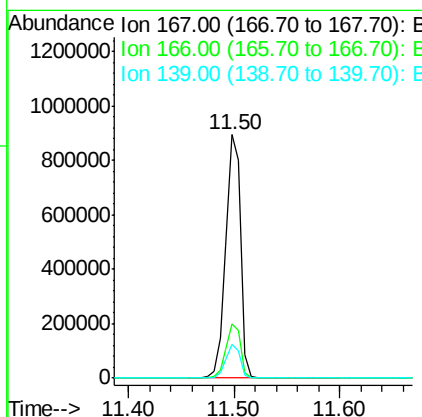
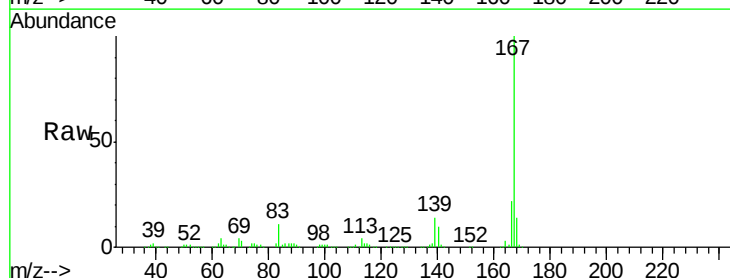
Instrument :
 BNA_F
 ClientSampleId :
 PB101741BS

Tot Ion:178 Resp: 921794
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 39.63 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF097963.D
 Acq: 22 Aug 2017 19:41

Tgt Ion:167 Resp: 872868
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 44.49 ng

RT: 11.83 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

PB101741BS

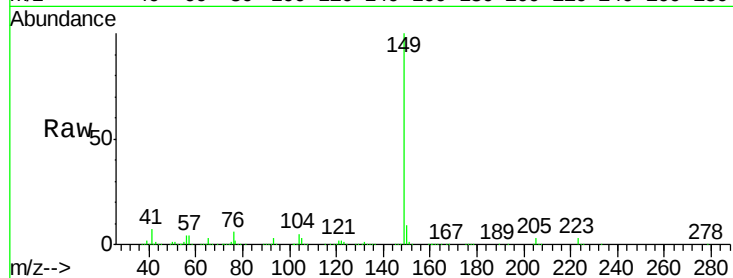
Tot Ion:149 Resp: 1128670

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

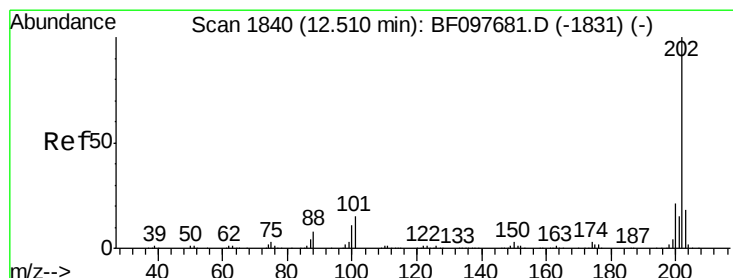
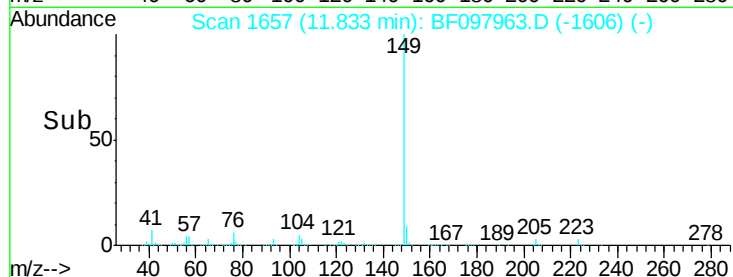
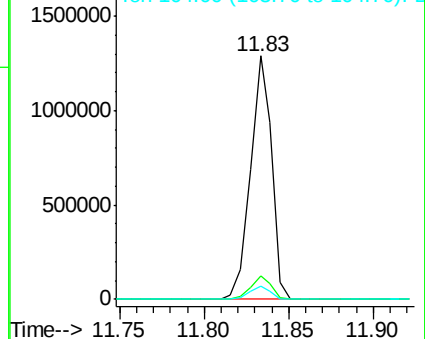
104 5.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.93 ng

RT: 12.48 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

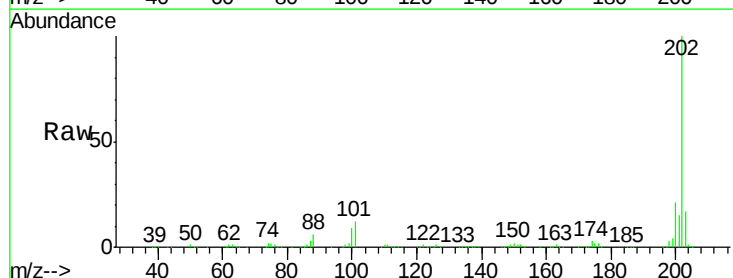
Tgt Ion:202 Resp: 953643

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.2

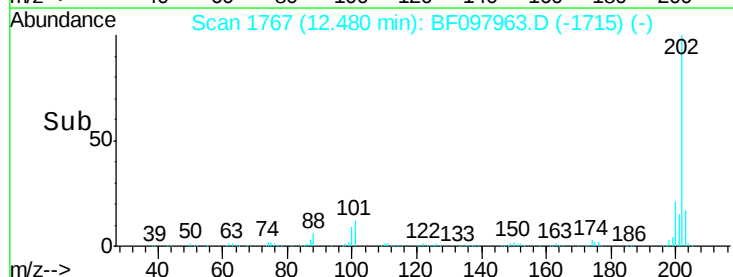
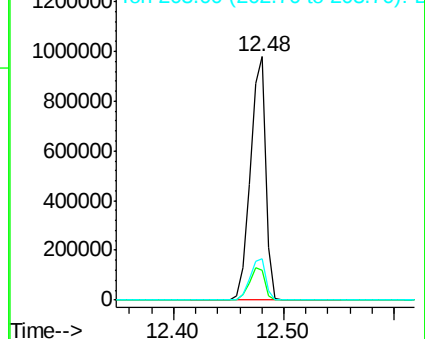
203 17.2 0.0 38.1

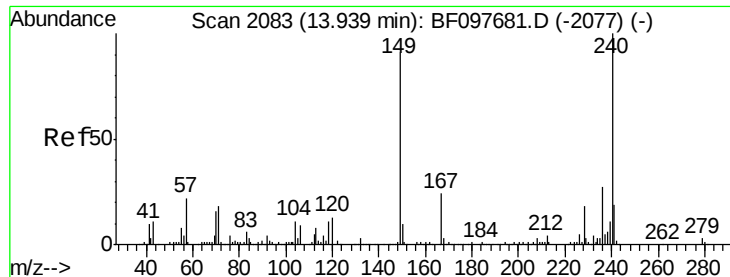


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleID :

PB101741BS

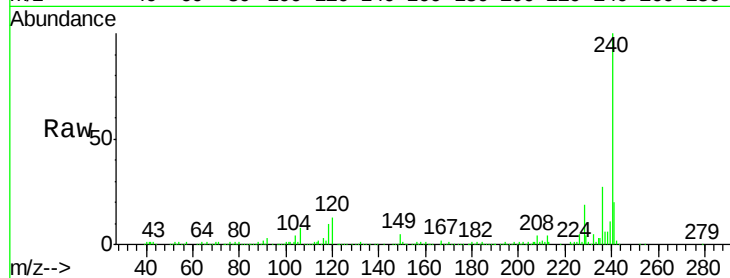
Tot Ion:240 Resp: 322570

Ion Ratio Lower Upper

240 100

120 12.6 5.8 8.8#

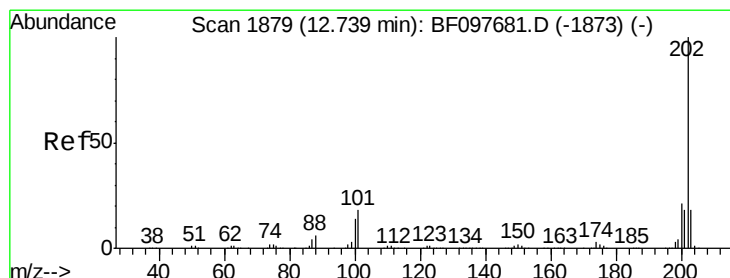
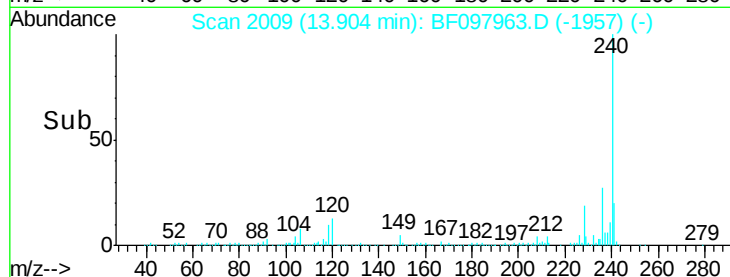
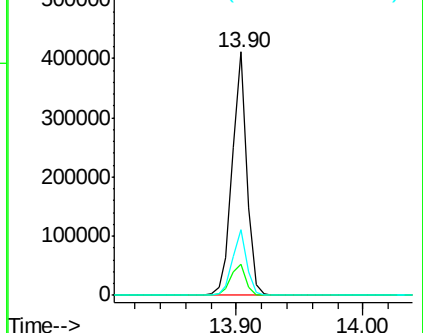
236 26.9 20.5 30.7



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



#77

Pyrene

Concen: 37.29 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

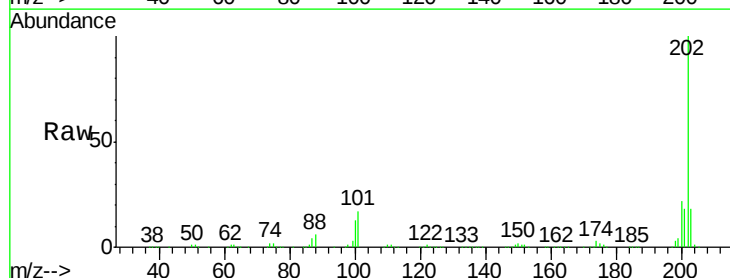
Tgt Ion:202 Resp: 983888

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

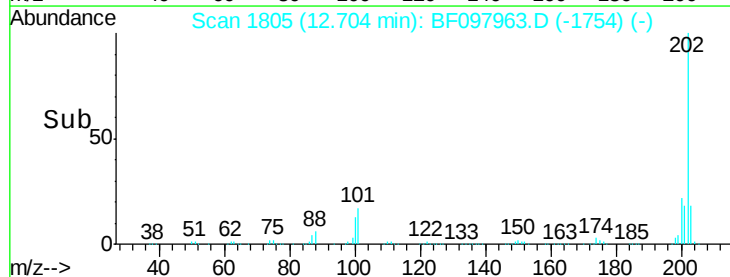
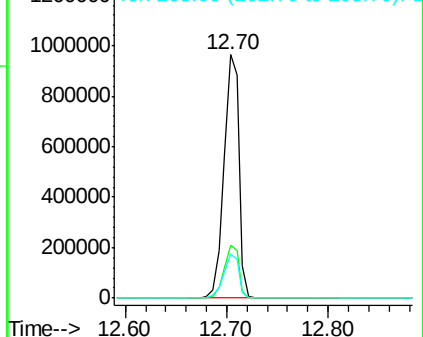
203 18.0 14.4 21.6

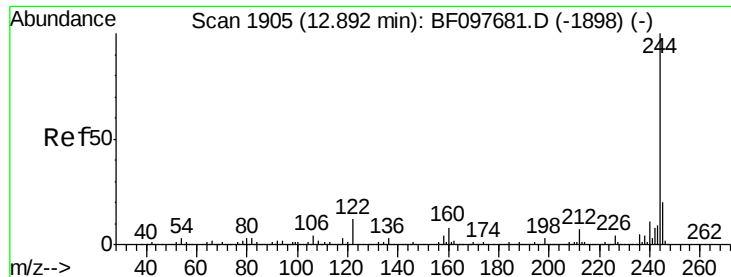


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 69.14 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

PB101741BS

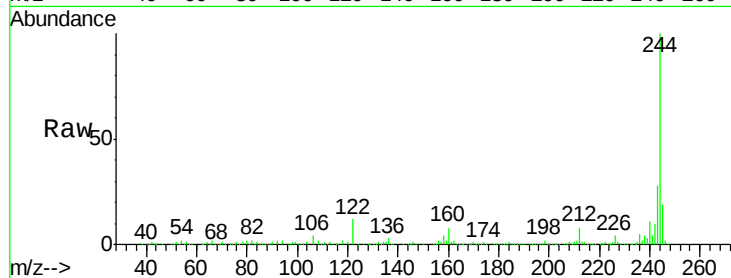
Tot Ion:244 Resp: 1069487

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

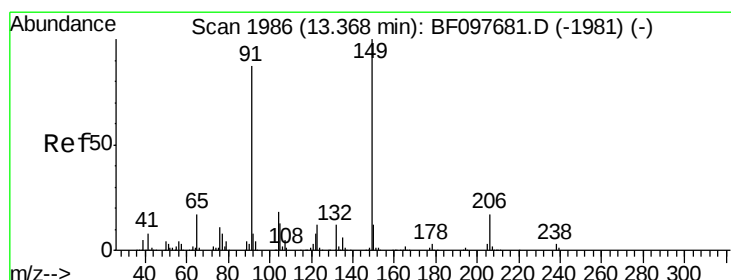
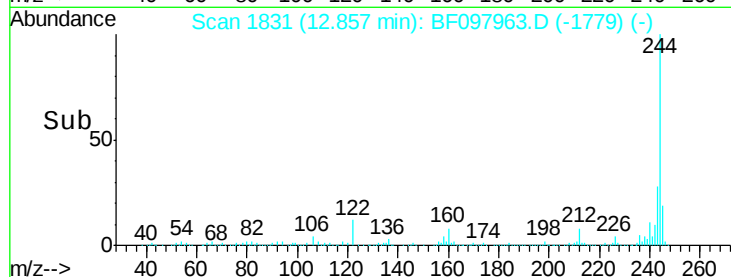
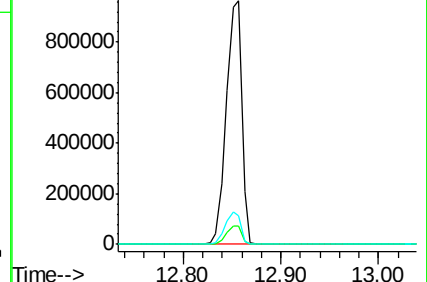
122 11.6 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 46.89 ng

RT: 13.33 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

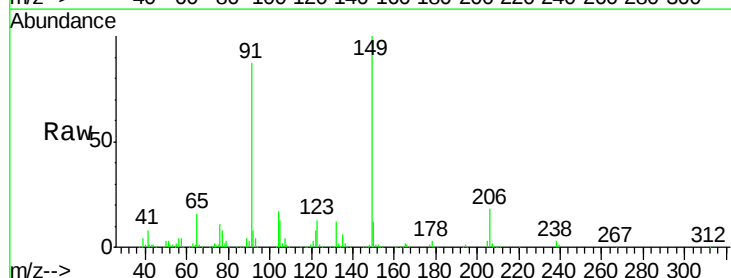
Tgt Ion:149 Resp: 474346

Ion Ratio Lower Upper

149 100

91 86.5 45.0 67.4#

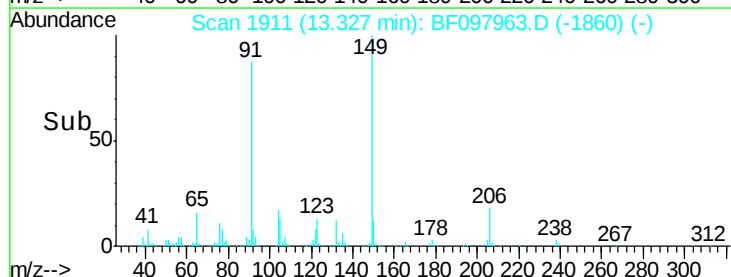
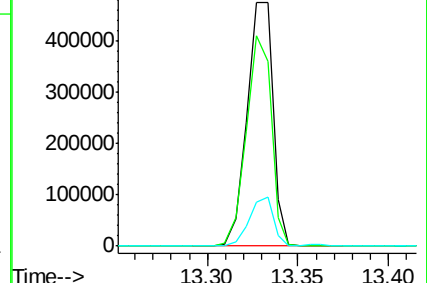
206 17.8 17.0 25.6

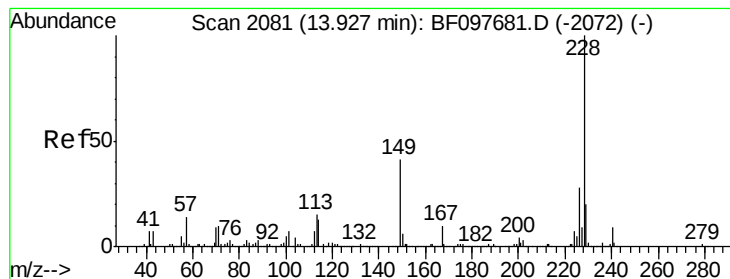


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 37.06 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

PB101741BS

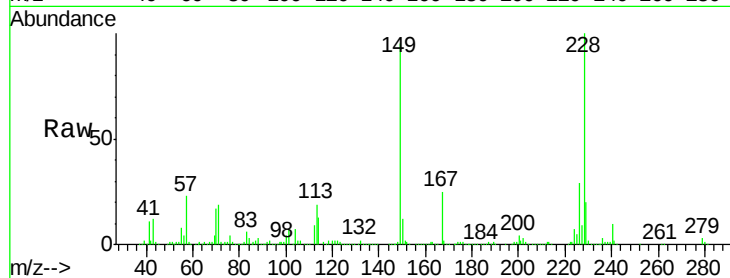
Tot Ion:228 Resp: 716484

Ion Ratio Lower Upper

228 100

226 28.8 22.6 33.8

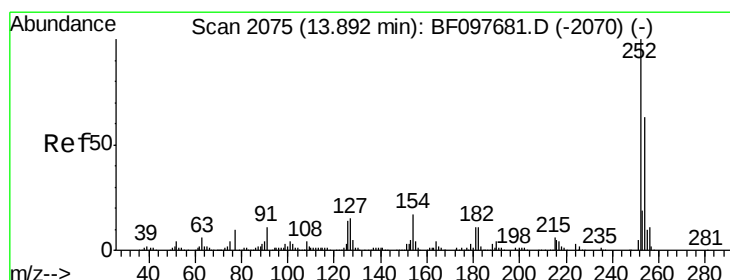
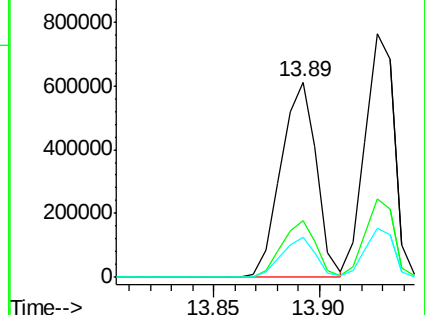
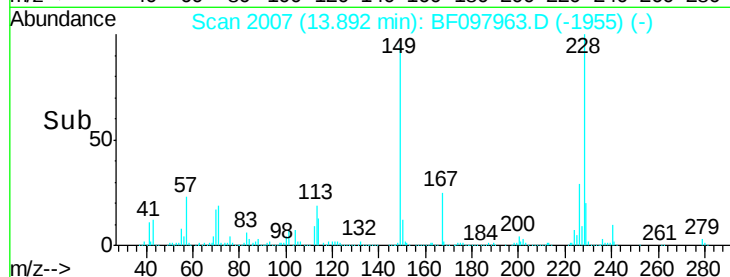
229 20.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 21.54 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

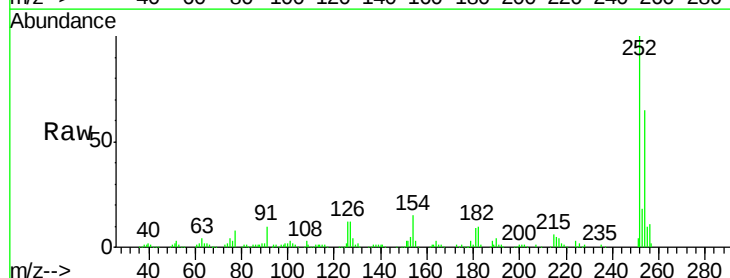
Tgt Ion:252 Resp: 140526

Ion Ratio Lower Upper

252 100

254 64.8 51.5 77.3

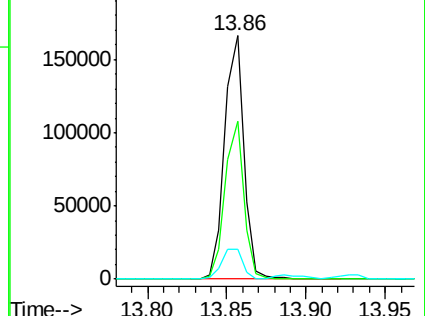
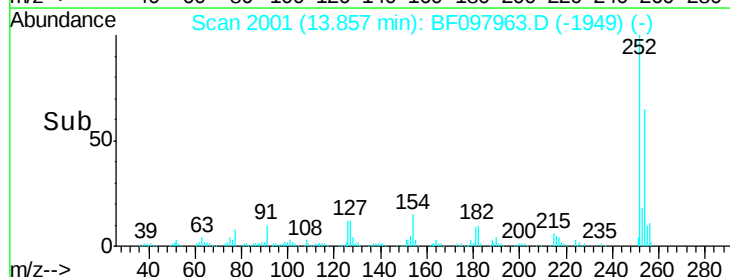
126 12.1 15.8 23.8#

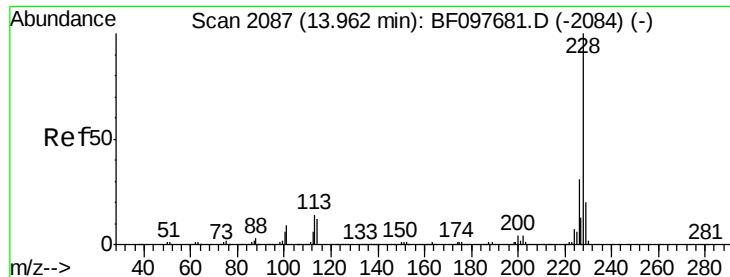


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 38.70 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

PB101741BS

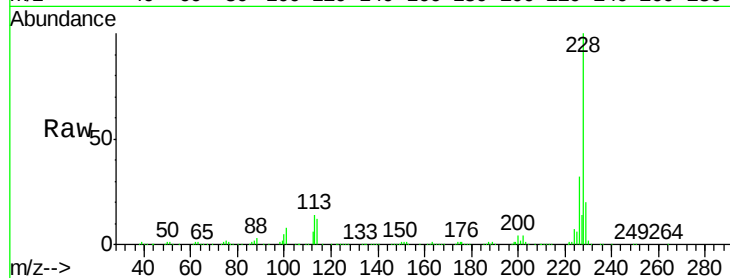
Tot Ion:228 Resp: 744209

Ion Ratio Lower Upper

228 100

226 32.0 24.9 37.3

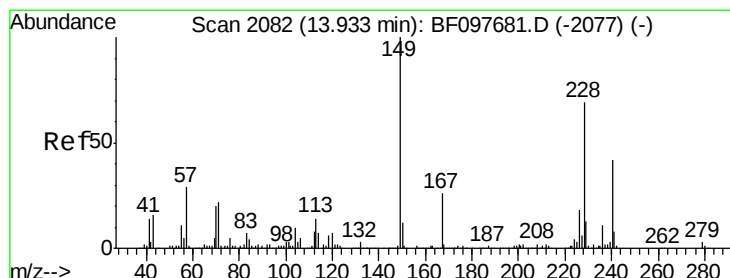
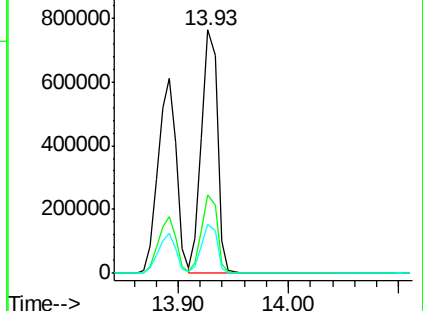
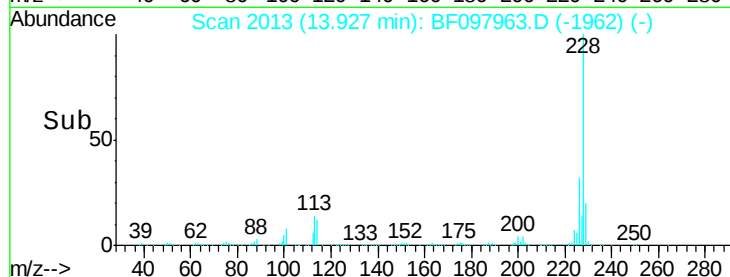
229 20.2 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 48.75 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

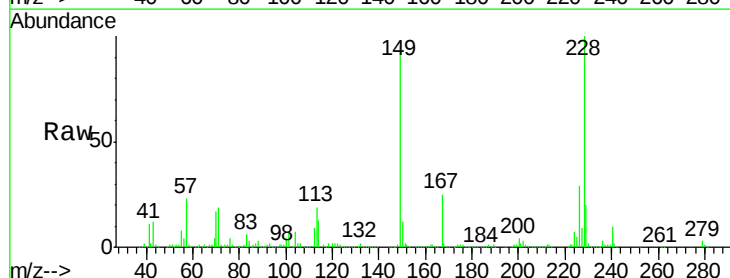
Tgt Ion:149 Resp: 546464

Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

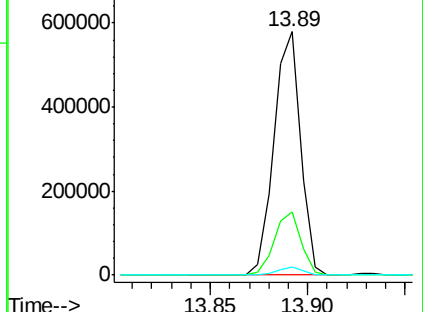
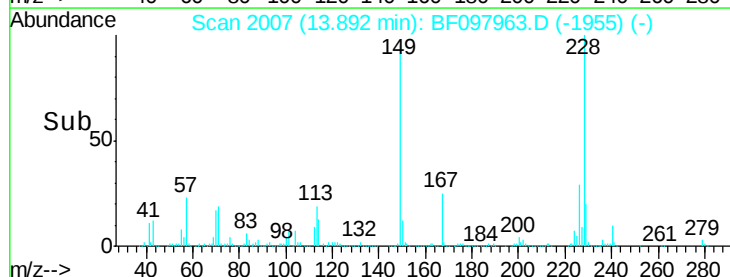
279 3.6 1.9 2.9#

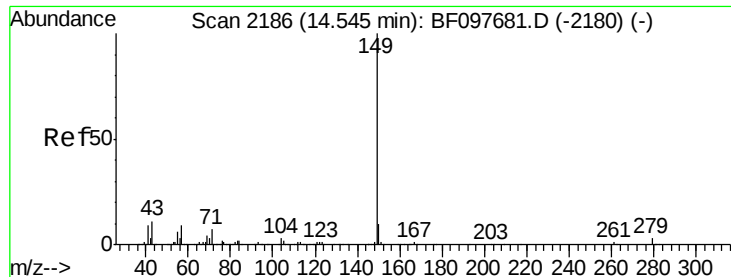


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

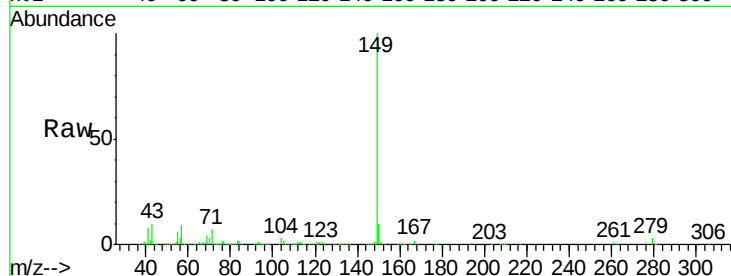




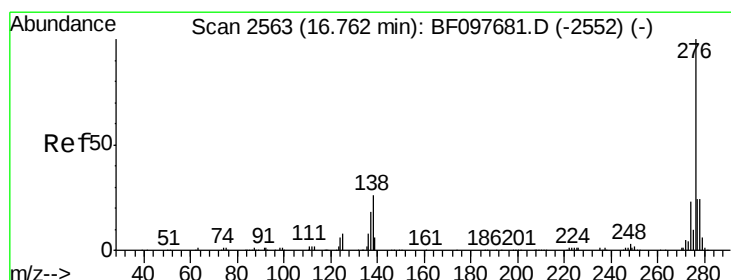
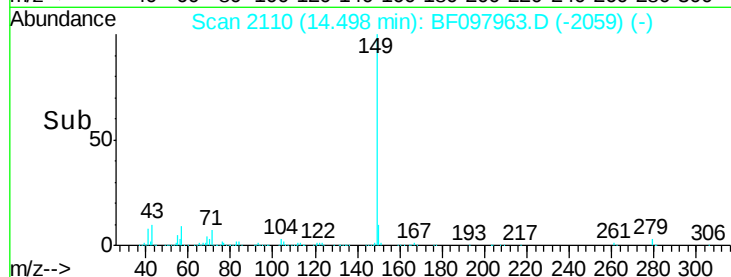
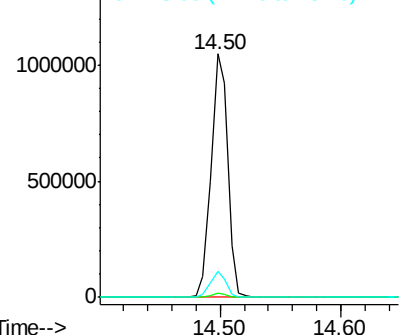
#84
Di-n-octyl phthalate
Concen: 51.02 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB101741BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	8.5	12.7

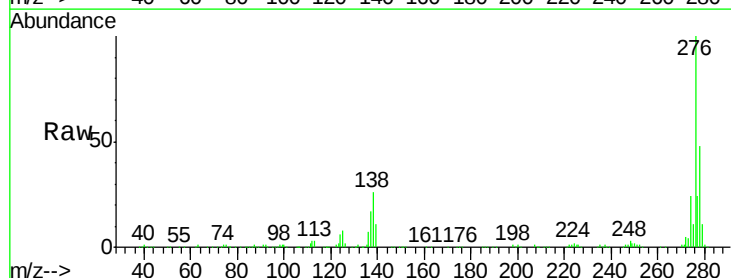


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

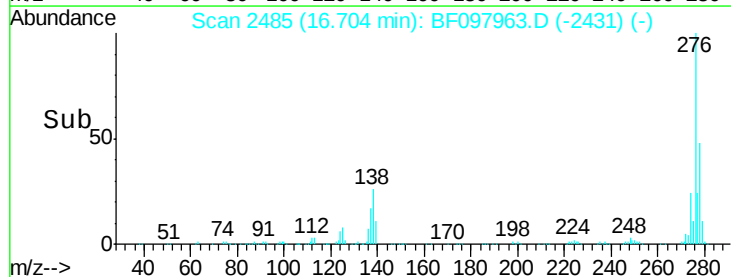
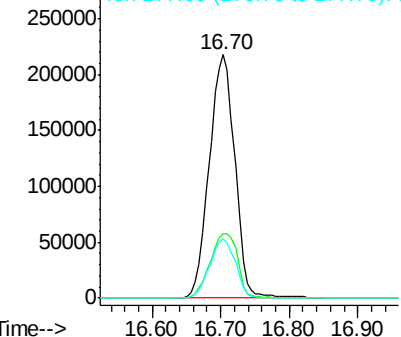


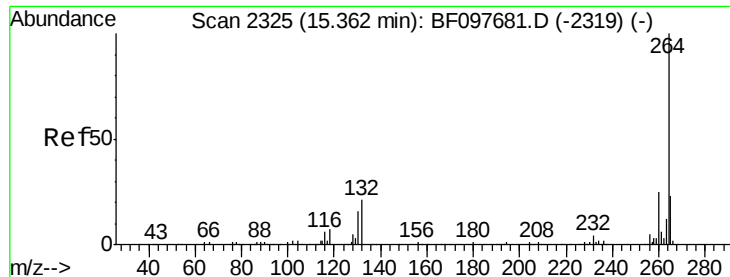
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.74 ng
RT: 16.70 min Scan# 2485
Delta R.T. 0.02 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.5	27.8	41.6
277	24.8	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



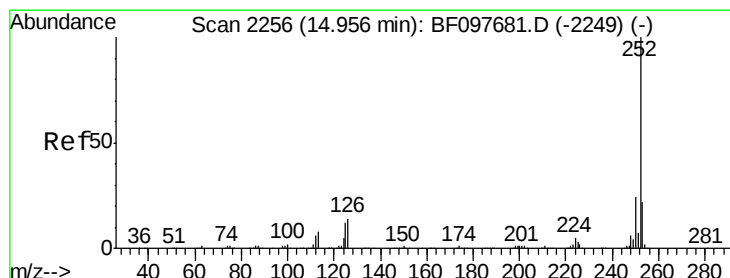
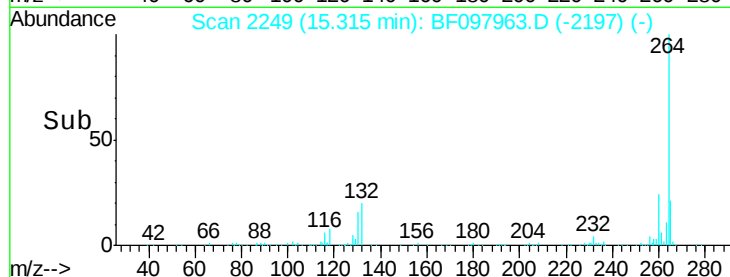
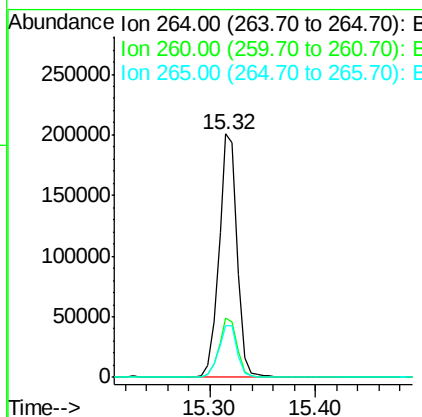
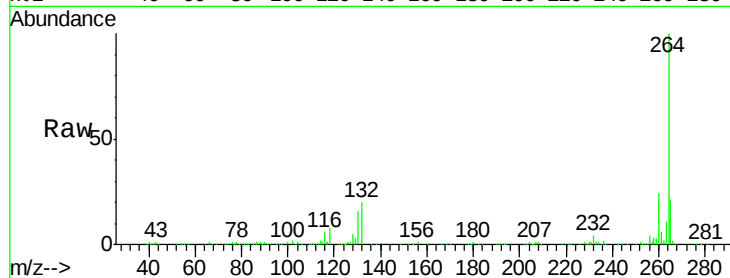


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB101741BS

Tot Ion:264 Resp: 241633

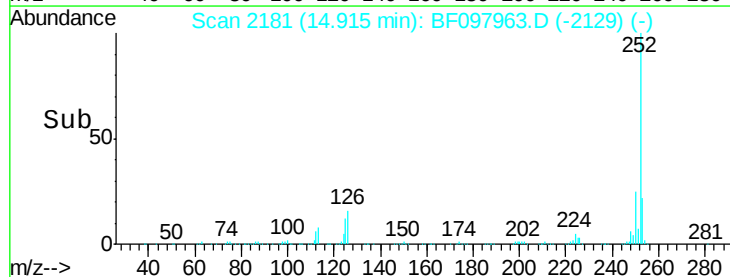
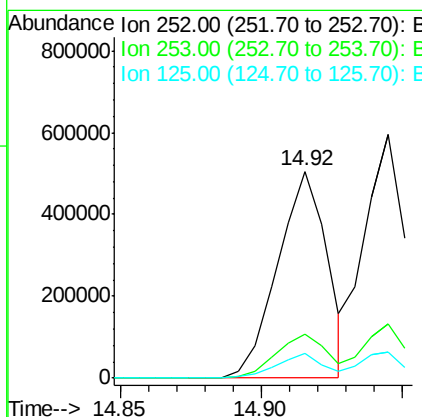
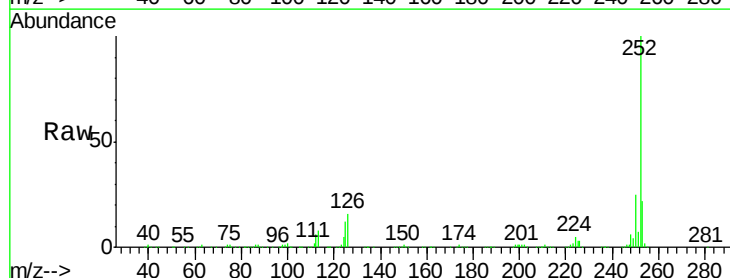
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.4	17.2	25.8

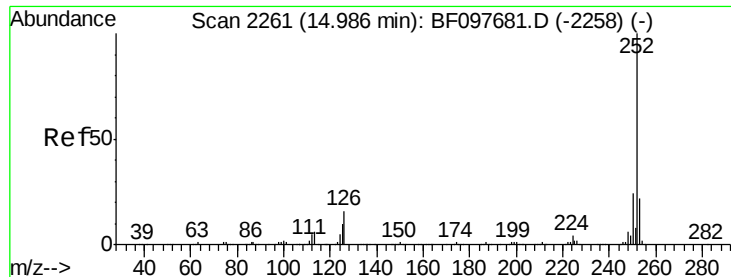


#87
Benzo(b)fluoranthene
Concen: 40.22 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Tgt Ion:252 Resp: 612655

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	11.8	9.8	14.8

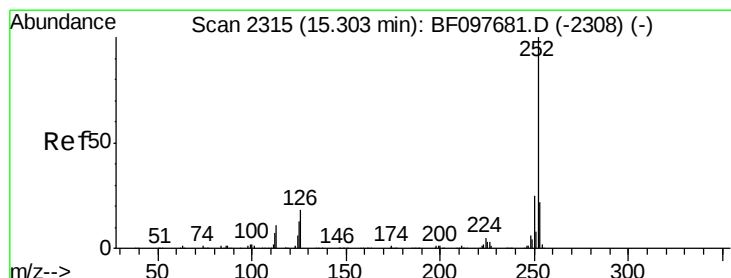
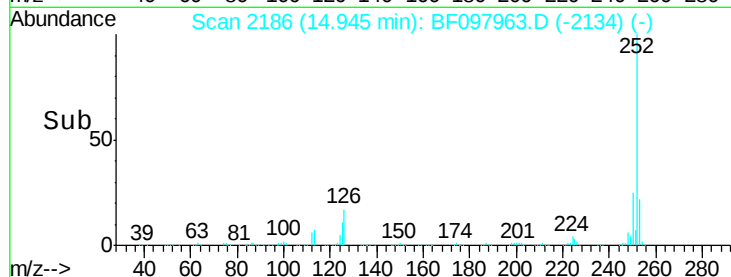
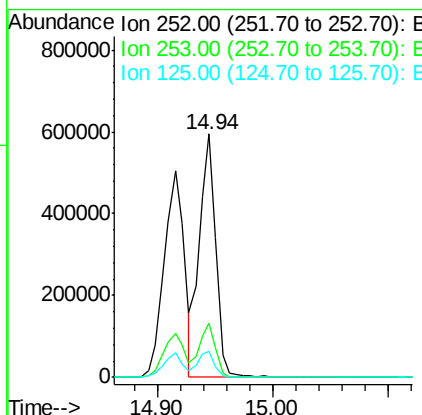
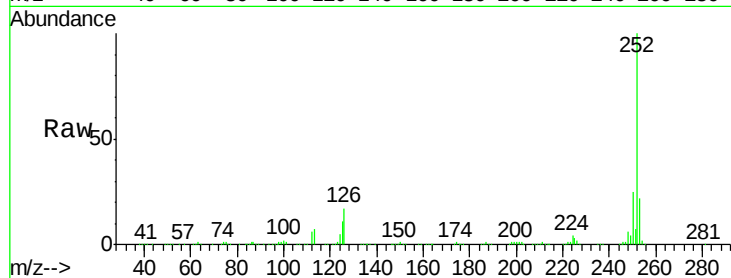




#88
Benzo(k)fluoranthene
Concen: 41.71 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

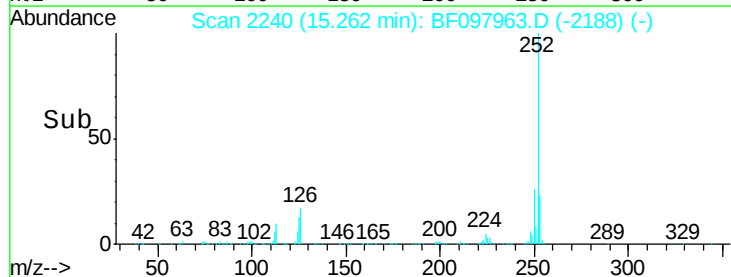
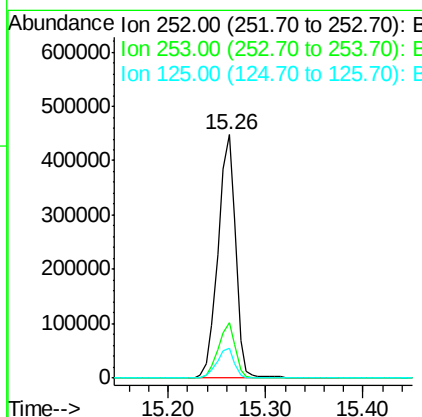
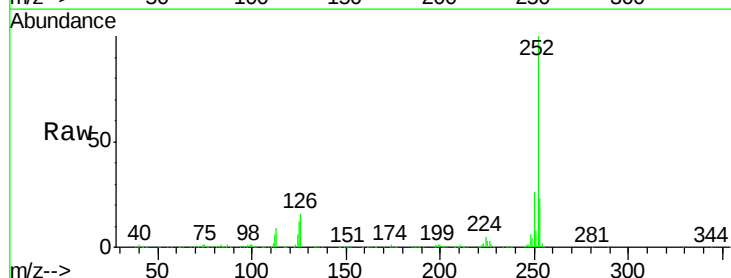
Instrument :
BNA_F
ClientSampleId :
PB101741BS

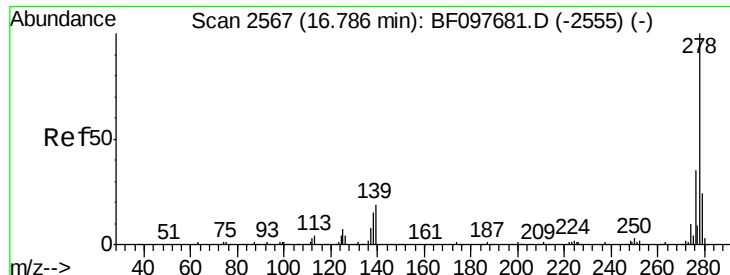
Tot Ion:252 Resp: 596783
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 10.6 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 41.76 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF097963.D
Acq: 22 Aug 2017 19:41

Tgt Ion:252 Resp: 563067
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 12.2 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 42.38 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

PB101741BS

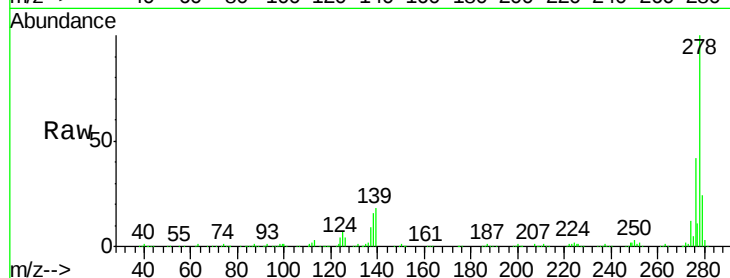
Tot Ion:278 Resp: 465161

Ion Ratio Lower Upper

278 100

139 18.4 16.6 24.8

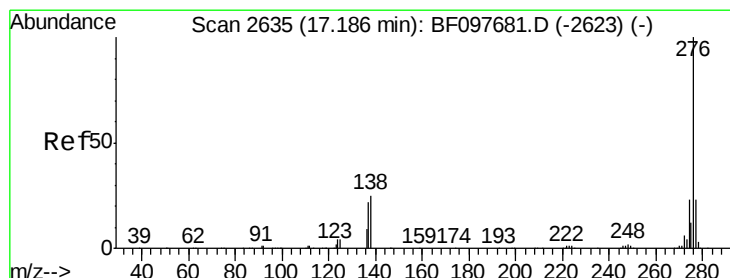
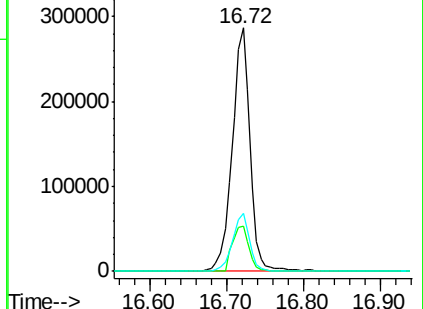
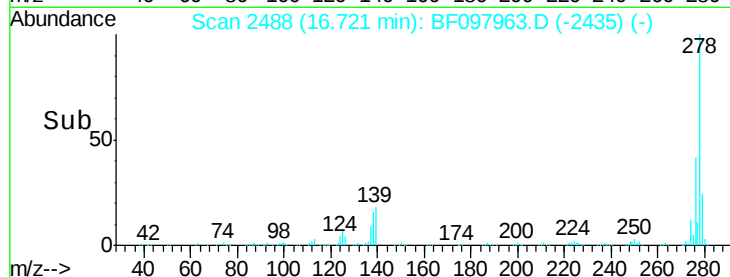
279 23.6 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 41.85 ng

RT: 17.12 min Scan# 2556

Delta R.T. 0.01 min

Lab File: BF097963.D

Acq: 22 Aug 2017 19:41

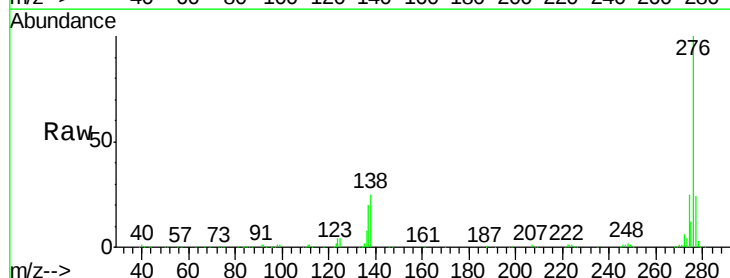
Tgt Ion:276 Resp: 479347

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 25.2 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

