

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098275.D
 Acq On : 6 Sep 2017 16:26
 Operator : SJ/JU
 Sample : PB102074BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Quant Time: Sep 07 03:34:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	110311	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	441168	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	207816	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	417925	20.00	ng	0.00
75) Chrysene-d12	13.85	240	348012	20.00	ng	-0.01
86) Perylene-d12	15.25	264	277295	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	910018	125.48	ng	0.01
7) Phenol-d6	6.35	99	1242519	126.10	ng	0.00
23) Nitrobenzene-d5	7.26	82	767825	94.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	269657	149.55	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1219025	86.18	ng	-0.01
78) Terphenyl-d14	12.80	244	1145564	68.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.42	88	147212	36.40	ng	# 87
3) Pyridine	3.12	79	404096	36.14	ng	85
4) n-Nitrosodimethylamine	3.07	42	154591	35.93	ng	# 74
6) Aniline	6.36	93	384586	27.78	ng	# 51
8) 2-Chlorophenol	6.49	128	322275	42.14	ng	98
9) Benzaldehyde	6.24	77	81393	13.04	ng	87
10) Phenol	6.36	94	448141	38.89	ng	88
11) bis(2-Chloroethyl)ether	6.44	93	360975	41.50	ng	95
12) 1,3-Dichlorobenzene	6.63	146	324453	39.44	ng	# 94
13) 1,4-Dichlorobenzene	6.71	146	328097	39.21	ng	# 94
14) 1,2-Dichlorobenzene	6.86	146	302831	39.25	ng	99
15) Benzyl Alcohol	6.85	79	291779	39.55	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	448346	38.31	ng	84
17) 2-Methylphenol	6.96	107	286297	42.48	ng	# 94
18) Hexachloroethane	7.20	117	131850	40.19	ng	# 82
19) n-Nitroso-di-n-propylamine	7.12	70	254694	37.76	ng	90
20) 3+4-Methylphenols	7.12	107	356684	43.33	ng	# 87
22) Acetophenone	7.11	105	472037	40.50	ng	# 87
24) Nitrobenzene	7.28	77	400589	44.30	ng	94
25) Isophorone	7.52	82	722018	42.76	ng	97
26) 2-Nitrophenol	7.60	139	169307	51.28	ng	# 84
27) 2,4-Dimethylphenol	7.65	122	303811	43.14	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	467945	42.15	ng	98
29) 2,4-Dichlorophenol	7.84	162	264124	45.18	ng	91
30) 1,2,4-Trichlorobenzene	7.92	180	263251	40.62	ng	99
31) Naphthalene	8.00	128	932886	40.73	ng	99
32) Benzoic acid	7.79	122	194701	39.29	ng	90
33) 4-Chloroaniline	8.06	127	294977	30.54	ng	97
34) Hexachlorobutadiene	8.12	225	150027	39.65	ng	97
35) Caprolactam	8.44	113	52240	26.29	ng	99
36) 4-Chloro-3-methylphenol	8.55	107	321835	42.85	ng	# 80
37) 2-Methylnaphthalene	8.69	142	617373	43.97	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	244956	38.41	ng	# 97
40) Hexachlorocyclopentadiene	8.85	237	270729	88.36	ng	99

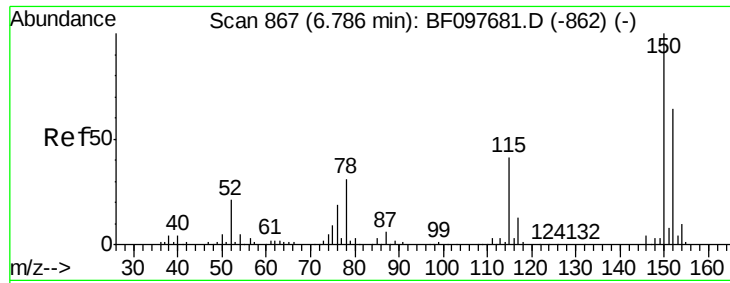
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	178132	41.60	nq	97
43) 2,4,5-Trichlorophenol	9.02	196	189593	44.63	nq	97
45) 1,1'-Biphenyl	9.16	154	736409	38.86	nq	95
46) 2-Chloronaphthalene	9.18	162	540046	38.57	nq	# 92
47) 2-Nitroaniline	9.28	65	214290	45.65	nq	96
48) Acenaphthylene	9.60	152	898463	40.86	nq	99
49) Dimethylphthalate	9.47	163	667927	43.97	nq	98
50) 2,6-Dinitrotoluene	9.53	165	144391	47.62	nq	# 71
51) Acenaphthene	9.77	154	533232	38.45	nq	100
52) 3-Nitroaniline	9.69	138	138525	35.41	nq	86
53) 2,4-Dinitrophenol	9.81	184	146354	98.75	nq	# 71
54) Dibenzofuran	9.94	168	785220	42.25	nq	100
55) 4-Nitrophenol	9.87	139	239143	76.63	nq	# 46
56) 2,4-Dinitrotoluene	9.93	165	184862	48.58	nq	# 51
57) Fluorene	10.28	166	607379	42.27	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.06	232	162028	49.27	nq	92
59) Diethylphthalate	10.16	149	733012	46.14	nq	100
60) 4-Chlorophenyl-phenylether	10.27	204	282482	42.31	nq	# 85
61) 4-Nitroaniline	10.32	138	176837	47.56	nq	82
62) Azobenzene	10.43	77	819097	43.41	nq	92
64) 4,6-Dinitro-2-methylphenol	10.35	198	101971	51.12	nq	# 70
65) n-Nitrosodiphenylamine	10.40	169	566922	39.84	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	179223	41.30	nq	93
67) Hexachlorobenzene	10.83	284	174864	39.53	nq	# 89
68) Atrazine	10.93	200	176565	46.78	nq	97
69) Pentachlorophenol	11.03	266	189596	73.51	nq	98
70) Phenanthrene	11.24	178	915048	41.09	nq	100
71) Anthracene	11.29	178	935606	41.42	nq	99
72) Carbazole	11.45	167	900643	42.01	nq	98
73) Di-n-butylphthalate	11.78	149	1140190	46.17	nq	99
74) Fluoranthene	12.43	202	1004799	43.23	nq	99
77) Pyrene	12.65	202	1018834	35.79	nq	99
79) Butylbenzylphthalate	13.27	149	491840	45.07	nq	# 74
80) Benzo(a)anthracene	13.84	228	794929	38.11	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	219848	31.24	nq	# 95
82) Chrysene	13.88	228	817374	39.39	nq	100
83) Bis(2-ethylhexyl)phthalate	13.83	149	590420	48.82	nq	# 100
84) Di-n-octyl phthalate	14.44	149	1120624	53.26	nq	97
85) Indeno(1,2,3-cd)pyrene	16.62	276	586268	38.41	nq	97
87) Benzo(b)fluoranthene	14.86	252	719076	41.14	nq	99
88) Benzo(k)fluoranthene	14.89	252	714839	43.53	nq	# 95
89) Benzo(a)pyrene	15.20	252	668678	43.21	nq	99
90) Dibenzo(a,h)anthracene	16.63	278	487919	38.73	nq	100
91) Benzo(g,h,i)perylene	17.02	276	489487	37.24	nq	93

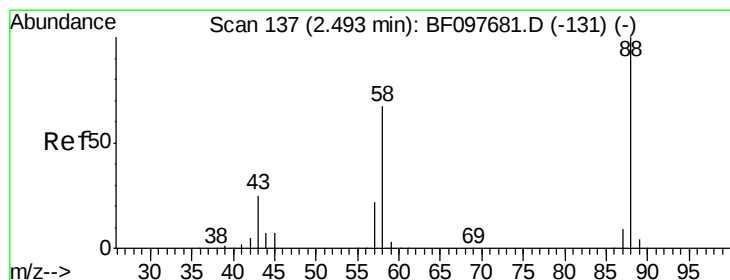
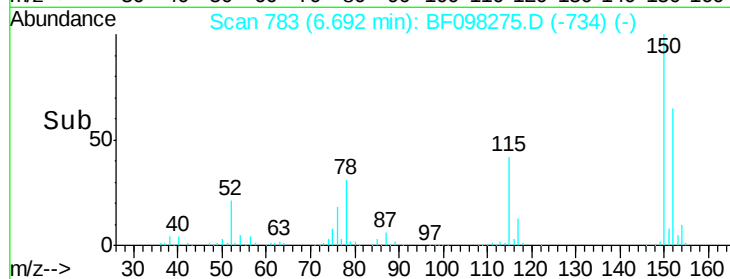
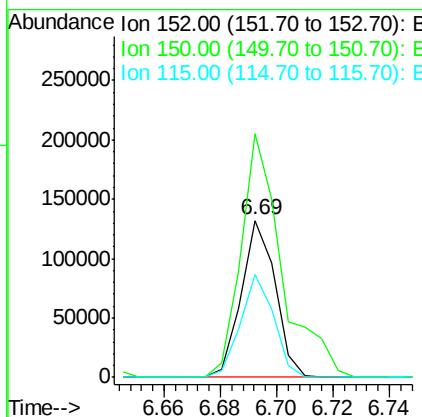
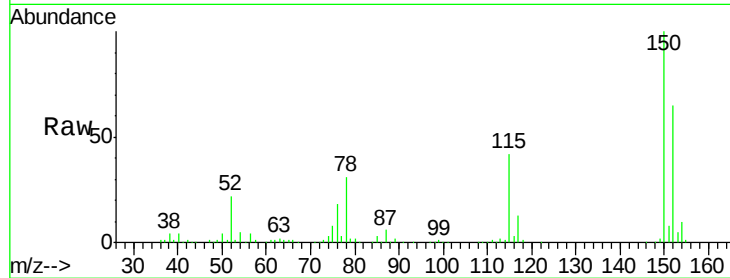
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

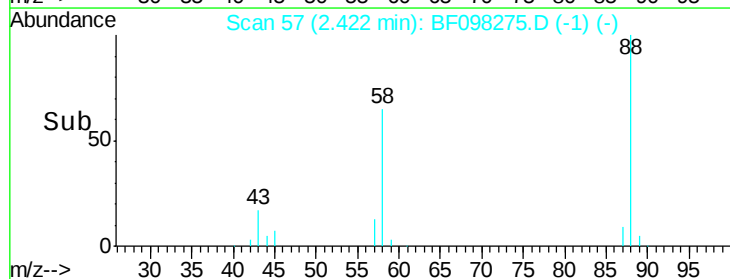
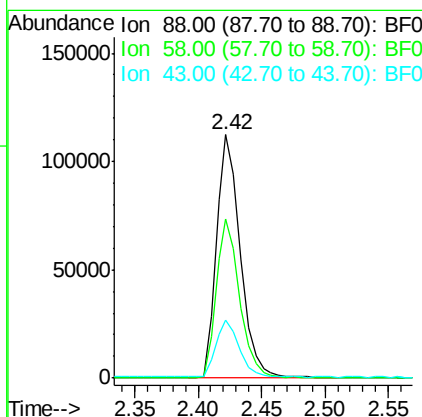
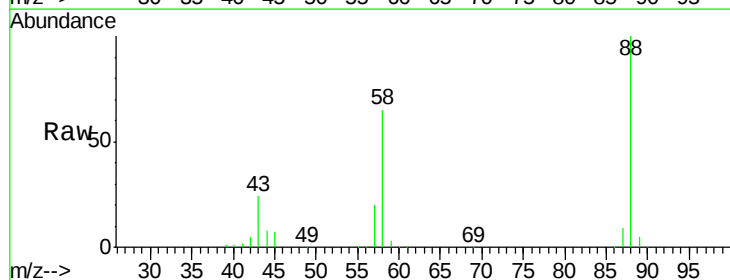
Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

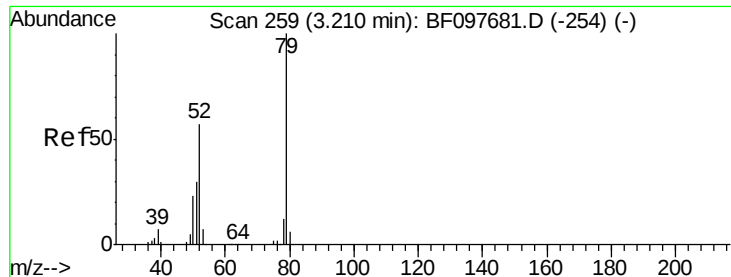
Tot Ion:152 Resp: 110311
 Ion Ratio Lower Upper
 152 100
 150 155.0 126.2 189.2
 115 65.7 52.2 78.2



#2
 1,4-Dioxane
 Concen: 36.40 ng
 RT: 2.42 min Scan# 57
 Delta R.T. 0.10 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion: 88 Resp: 147212
 Ion Ratio Lower Upper
 88 100
 58 64.4 61.4 92.0
 43 23.1 23.4 35.0#





#3

Pvridine

Concen: 36.14 ng

RT: 3.12 min Scan# 175

Delta R.T. 0.10 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

PB102074BS

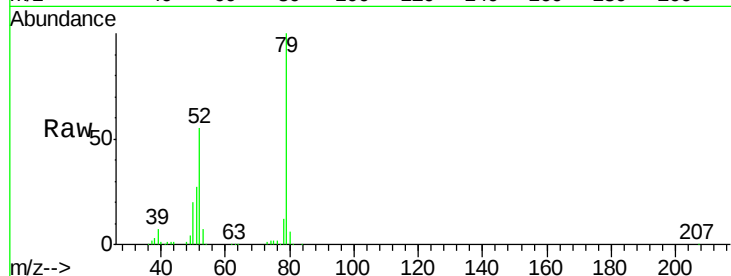
Tot Ion: 79 Resp: 404096

Ion Ratio Lower Upper

79 100

52 55.1 54.8 82.2

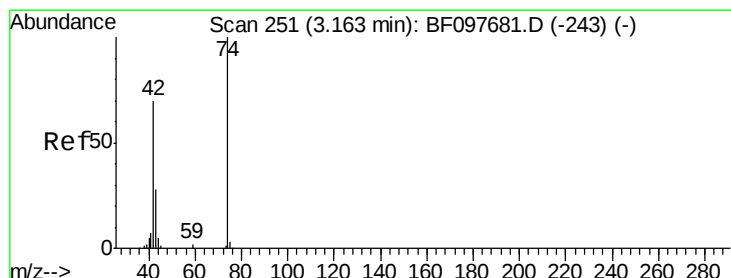
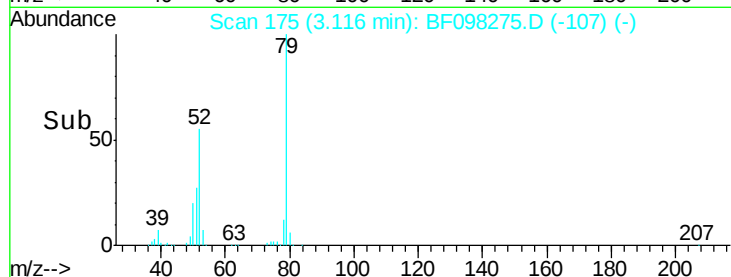
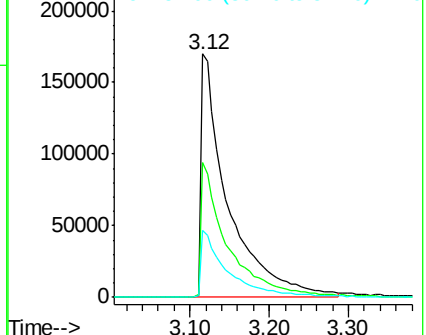
51 27.5 27.0 40.4



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: 35.93 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.08 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

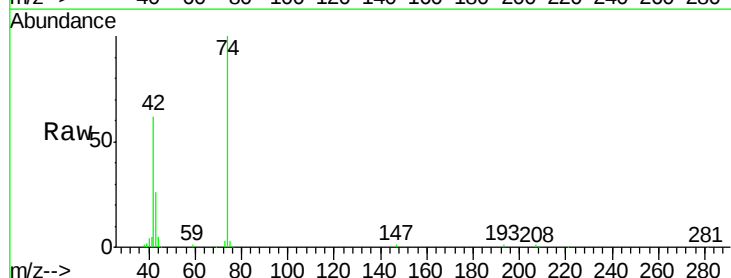
Tgt Ion: 42 Resp: 154591

Ion Ratio Lower Upper

42 100

74 161.5 103.9 155.9#

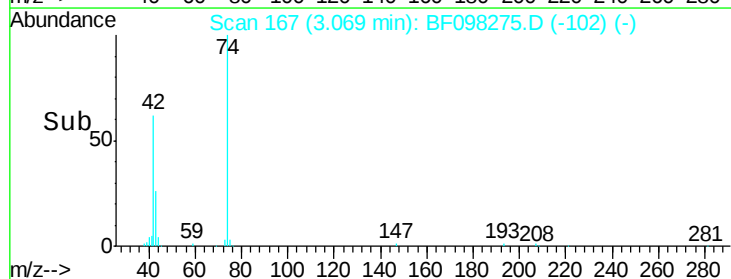
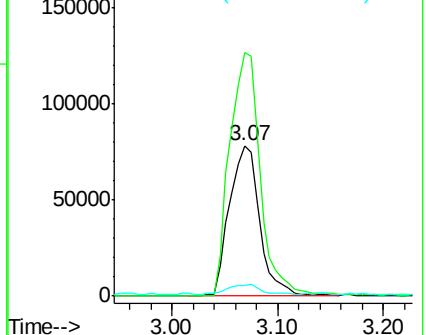
44 7.4 5.7 8.5

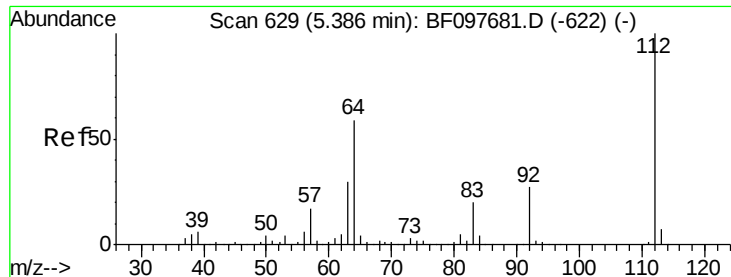


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 125.48 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

PB102074BS

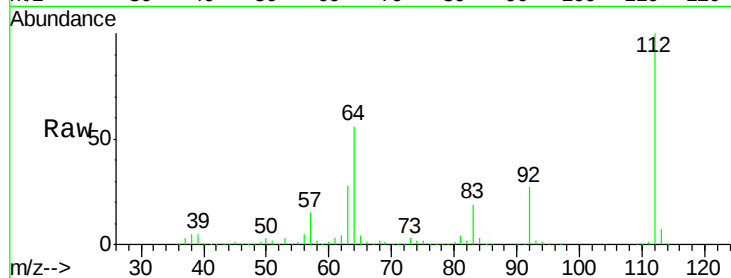
Tot Ion:112 Resp: 910018

Ion Ratio Lower Upper

112 100

64 56.1 46.0 69.0

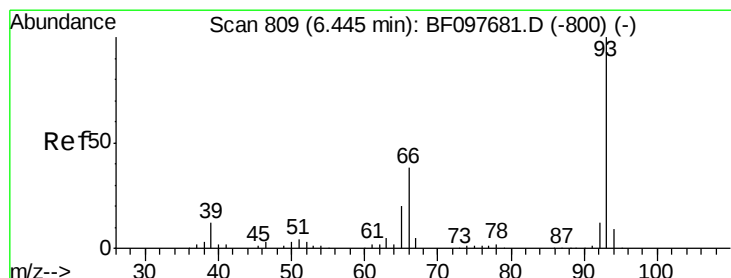
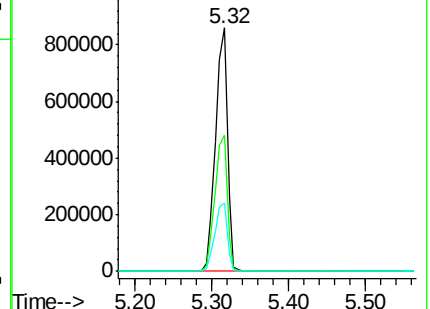
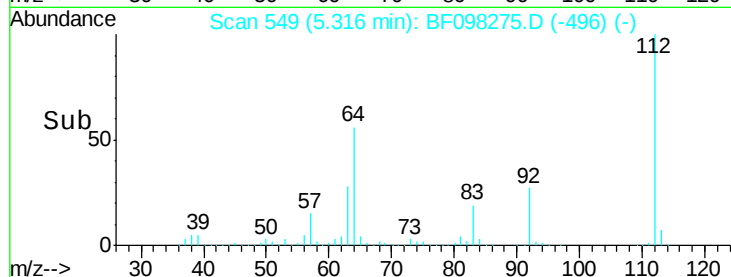
63 28.1 23.4 35.0



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: 27.78 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

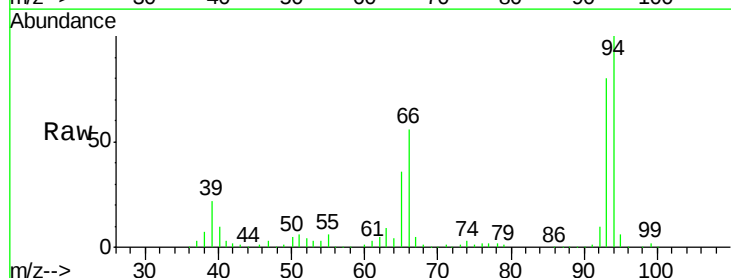
Tgt Ion: 93 Resp: 384586

Ion Ratio Lower Upper

93 100

66 69.9 32.9 49.3#

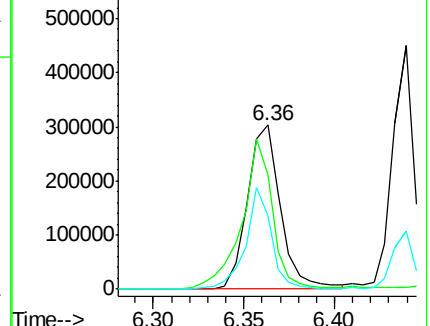
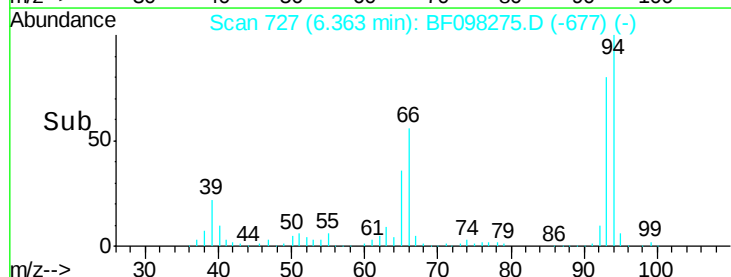
65 45.1 16.0 24.0#

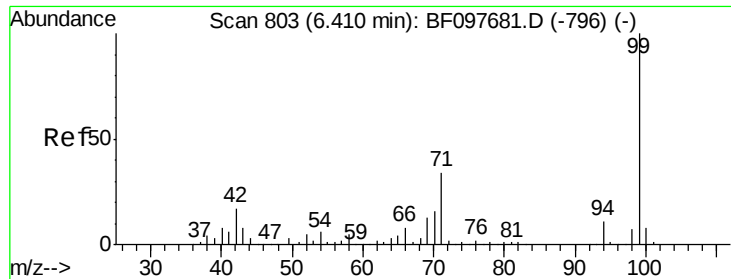


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.10 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

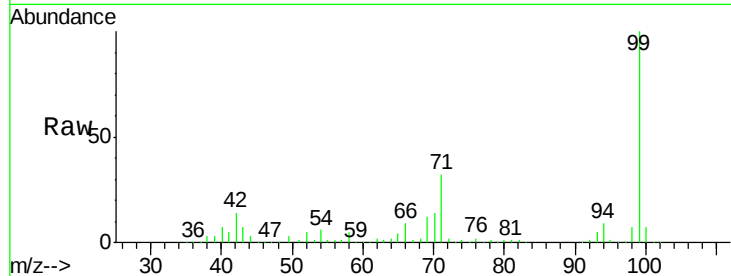
BNA_F

ClientSampleId :

PB102074BS

Tot Ion: 99 Resp: 1242519

Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.5	20.3
71	32.0	24.5	36.7

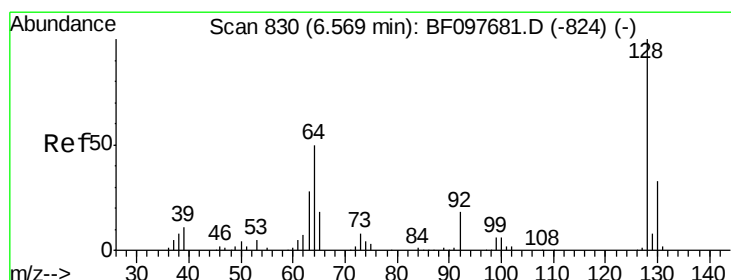
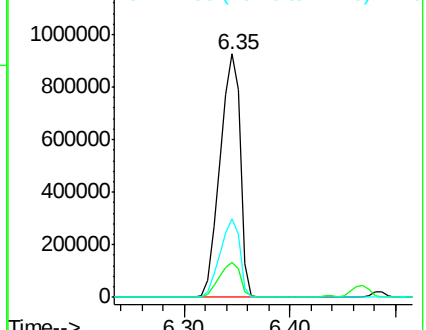
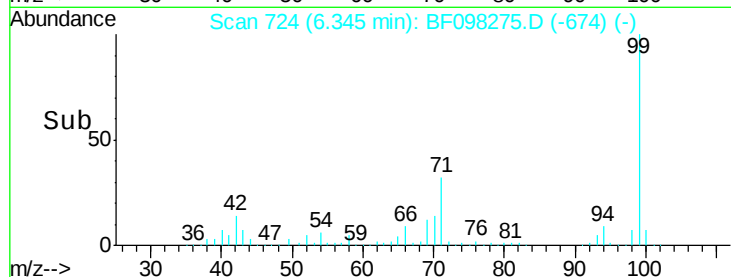


Abundance

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: 42.14 ng

RT: 6.49 min Scan# 748

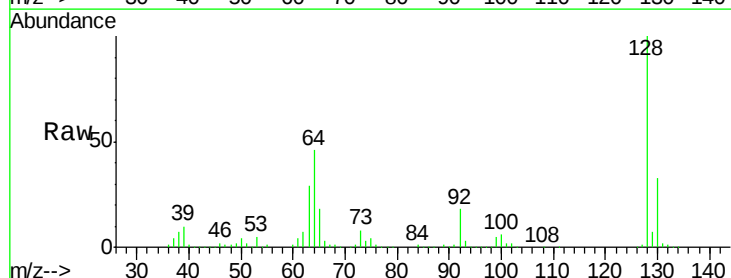
Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Tgt Ion: 128 Resp: 322275

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	46.5	28.4	68.4

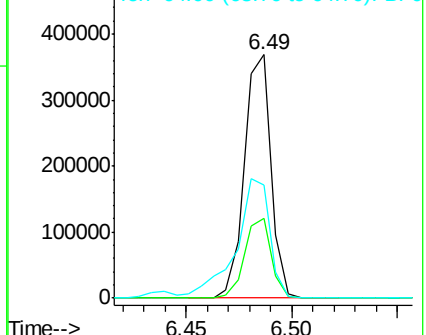
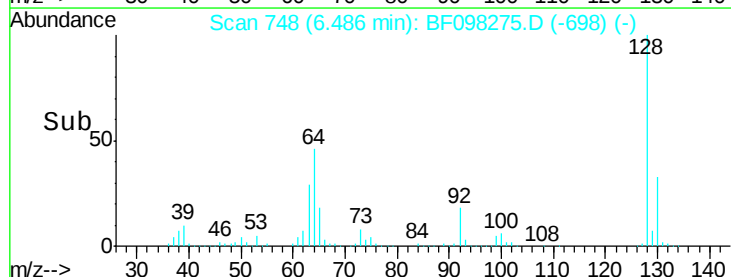


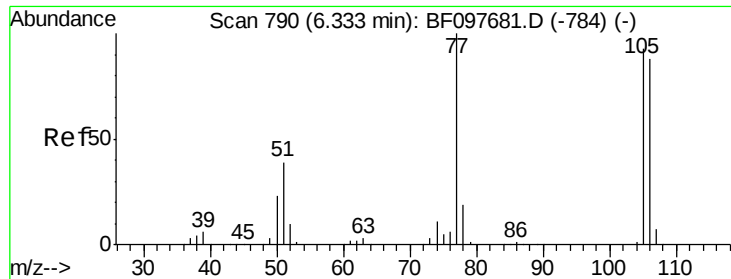
Abundance

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

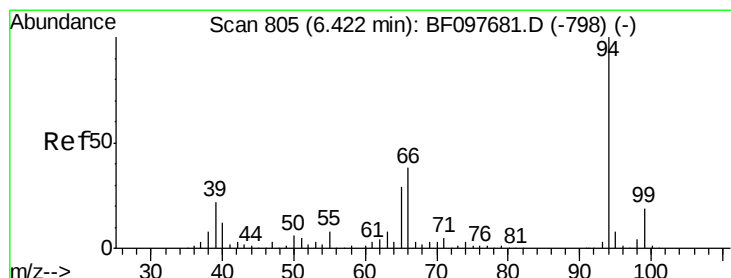
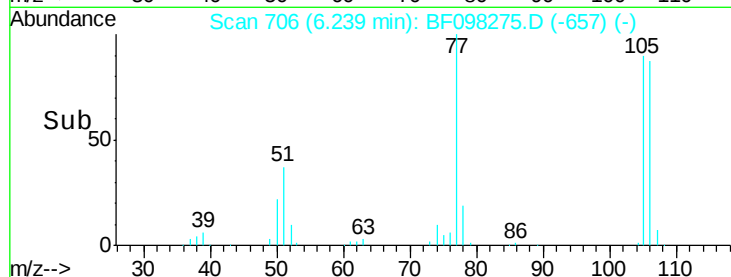
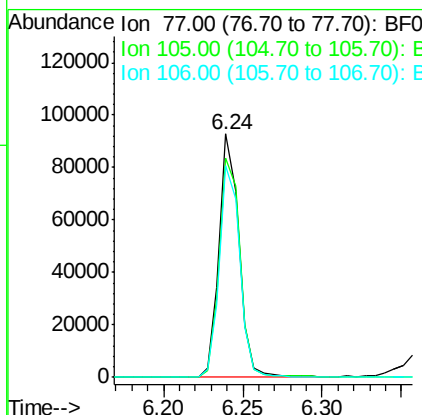
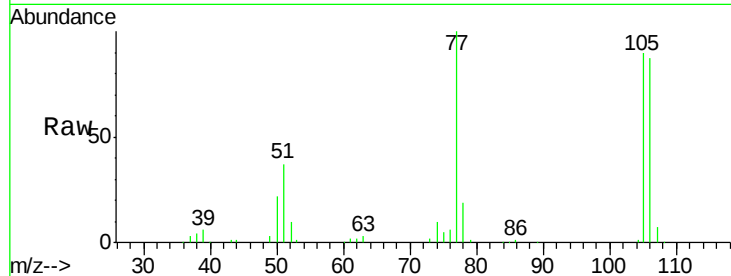




#9
Benzaldehyde
Concen: 13.04 ng
RT: 6.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

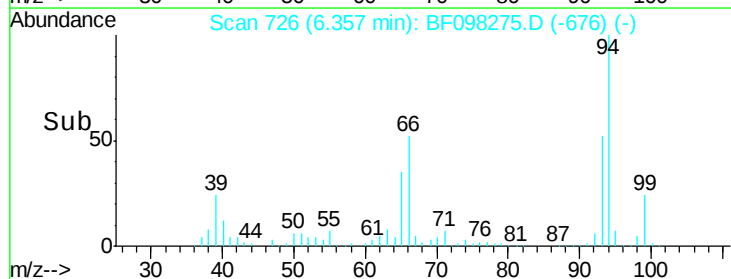
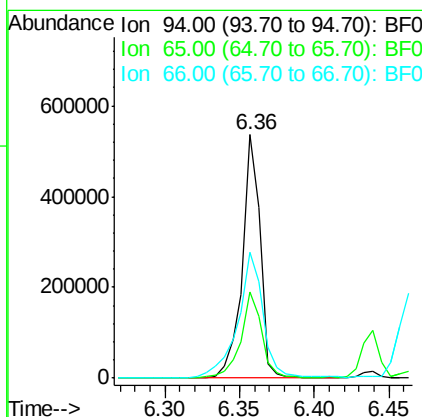
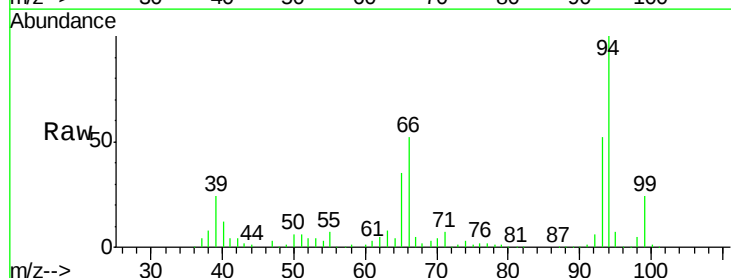
Instrument :
BNA_F
ClientSampleId :
PB102074BS

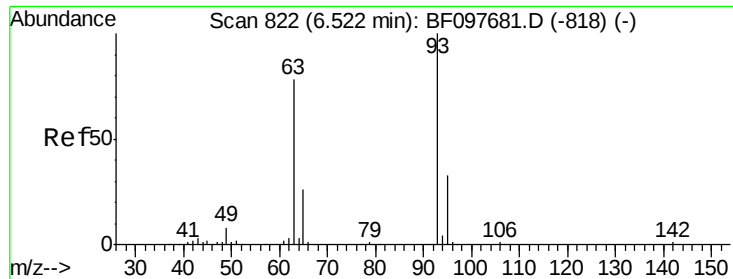
Tot Ion: 77 Resp: 81393
Ion Ratio Lower Upper
77 100
105 90.3 83.8 123.8
106 86.7 79.1 119.1



#10
Phenol
Concen: 38.89 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion: 94 Resp: 448141
Ion Ratio Lower Upper
94 100
65 35.2 9.9 49.9
66 51.6 23.1 63.1

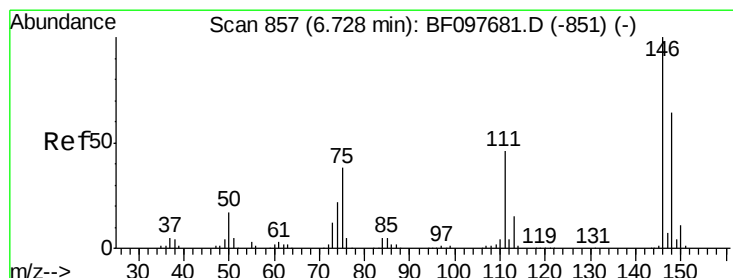
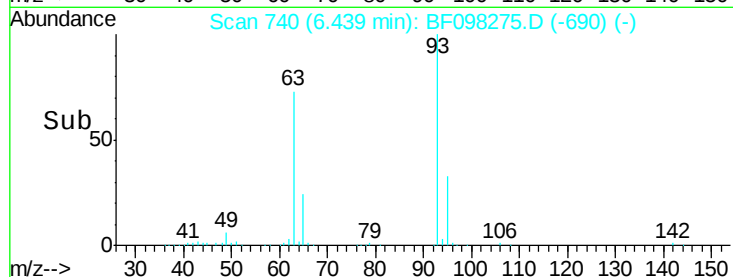
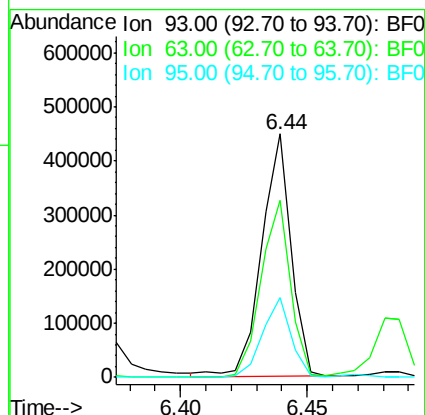
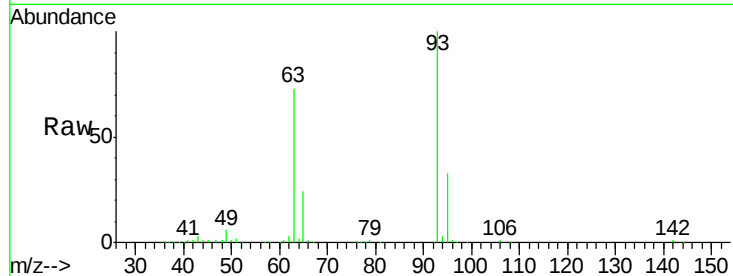




#11
bis(2-Chloroethyl)ether
Concen: 41.50 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

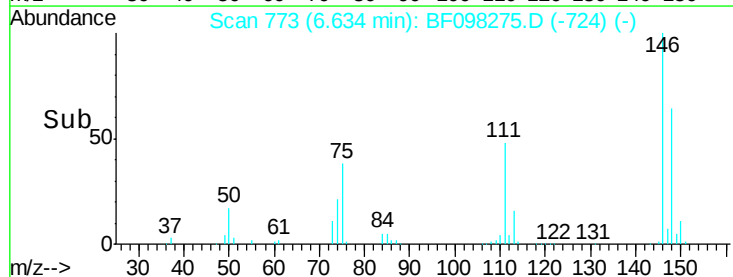
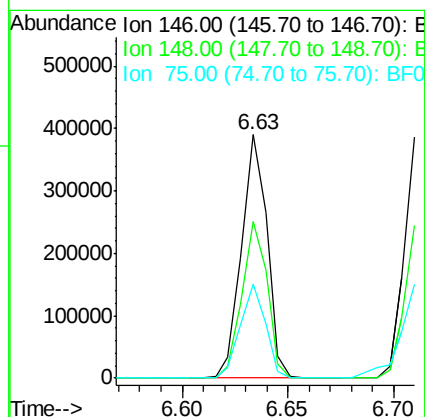
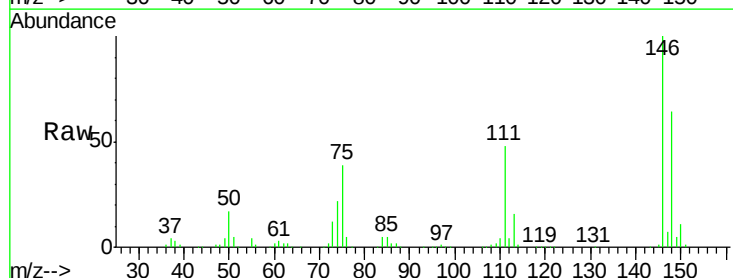
Instrument :
BNA_F
ClientSampleId :
PB102074BS

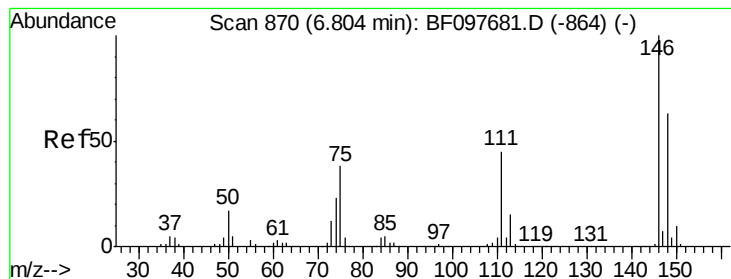
Tot Ion: 93 Resp: 360975
Ion Ratio Lower Upper
93 100
63 72.6 59.2 99.2
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.44 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion: 146 Resp: 324453
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.6
75 38.7 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 39.21 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

PB102074BS

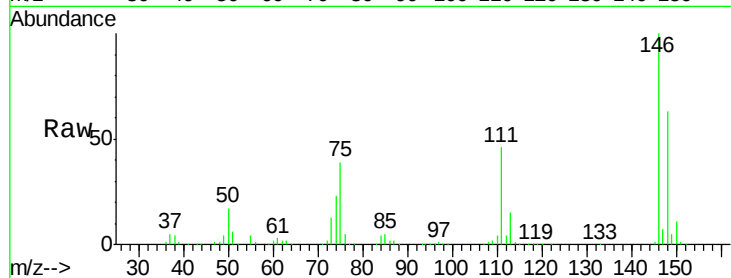
Tot Ion:146 Resp: 328097

Ion Ratio Lower Upper

146 100

148 63.2 52.2 78.2

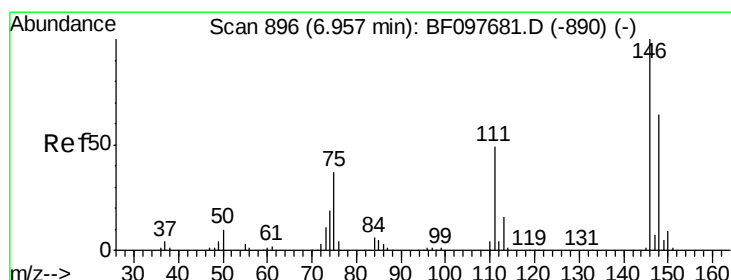
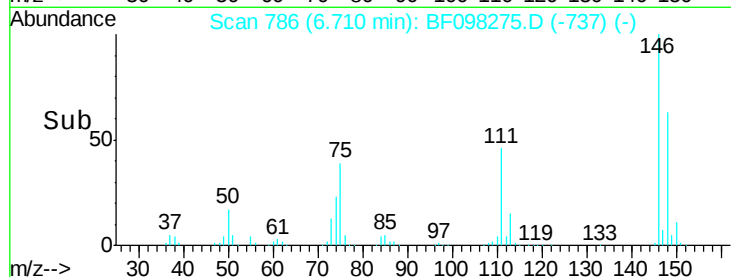
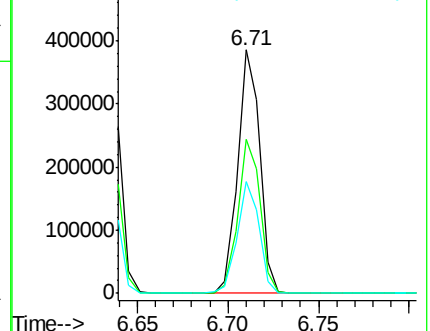
111 45.9 30.3 45.5#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.25 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

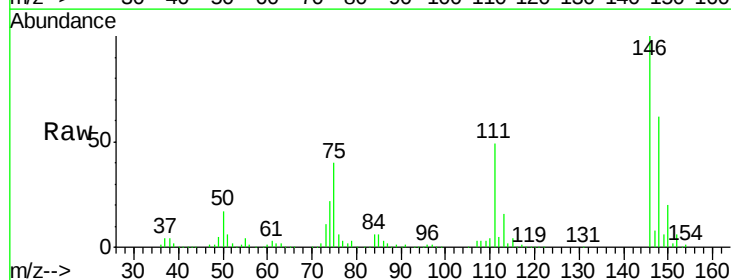
Tgt Ion:146 Resp: 302831

Ion Ratio Lower Upper

146 100

148 62.2 50.4 75.6

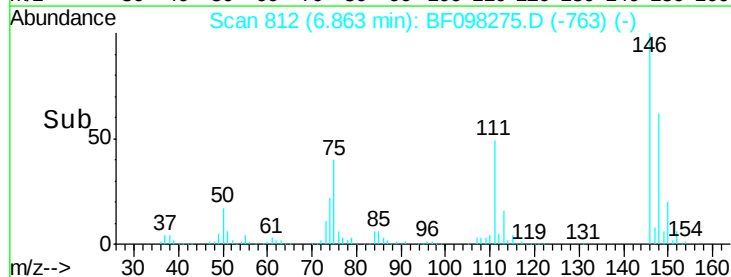
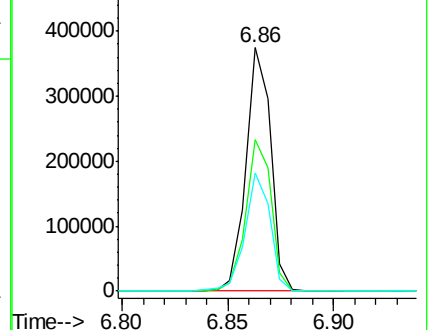
111 48.6 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.55 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleID :

PB102074BS

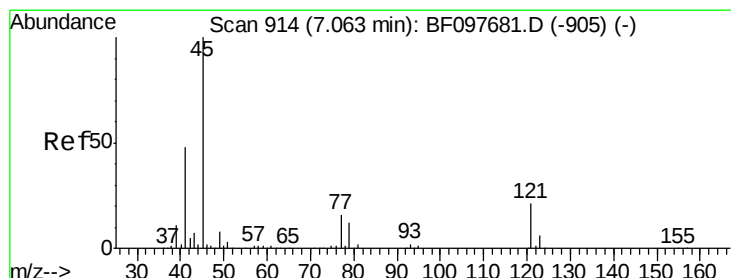
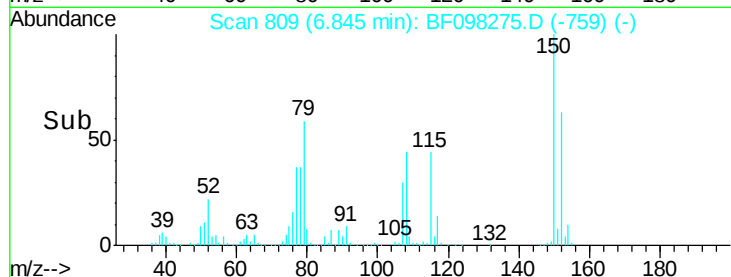
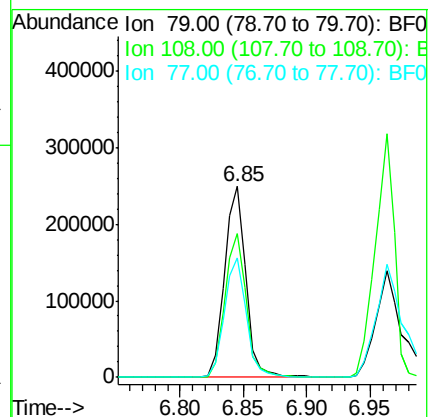
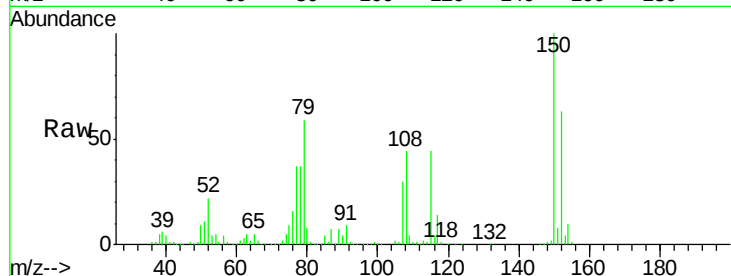
Tot Ion: 79 Resp: 291779

Ion Ratio Lower Upper

79 100

108 75.7 63.4 95.0

77 62.8 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.31 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

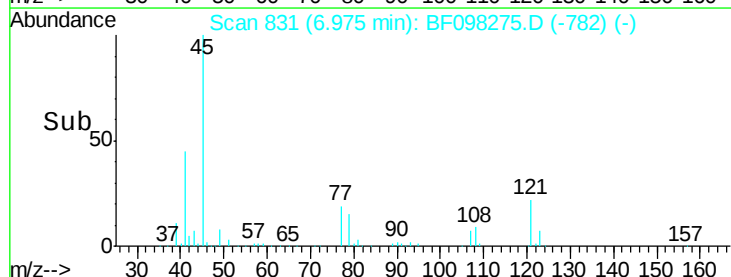
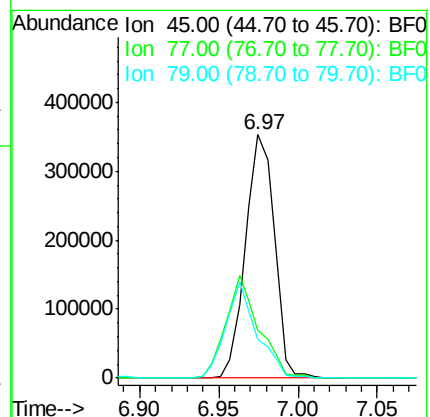
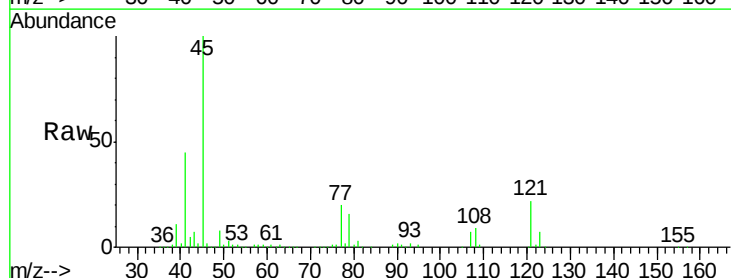
Tgt Ion: 45 Resp: 448346

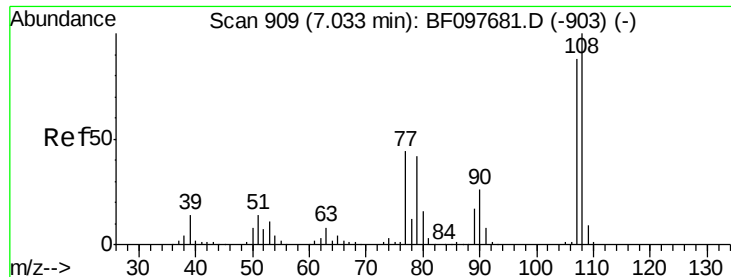
Ion Ratio Lower Upper

45 100

77 19.8 0.0 33.2

79 15.7 0.0 30.0

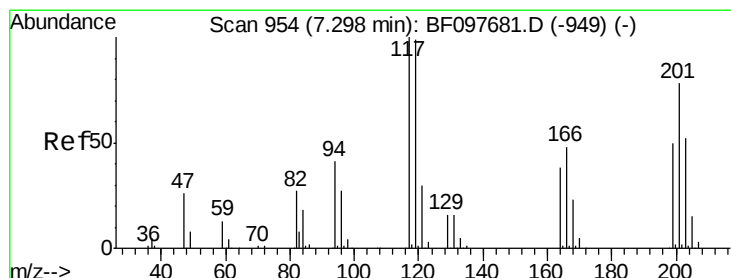
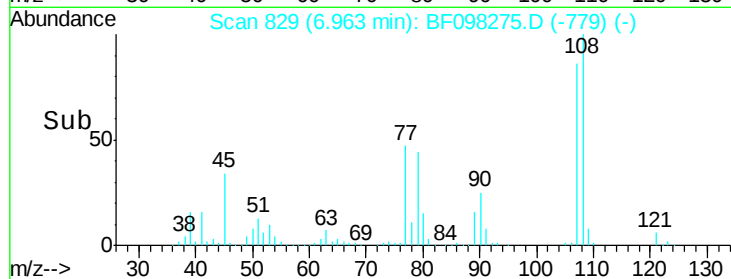
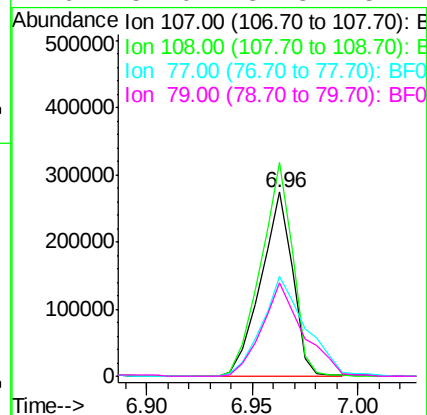
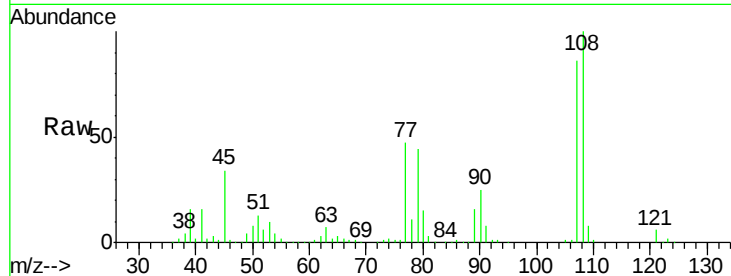




#17
2-Methylphenol
Concen: 42.48 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

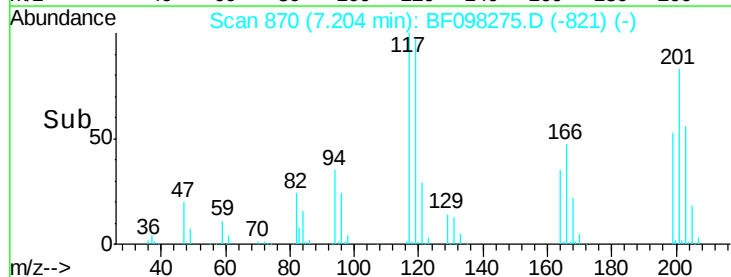
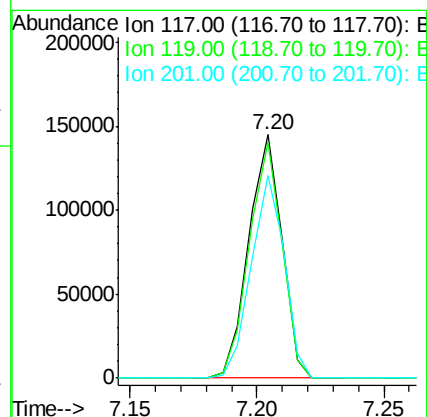
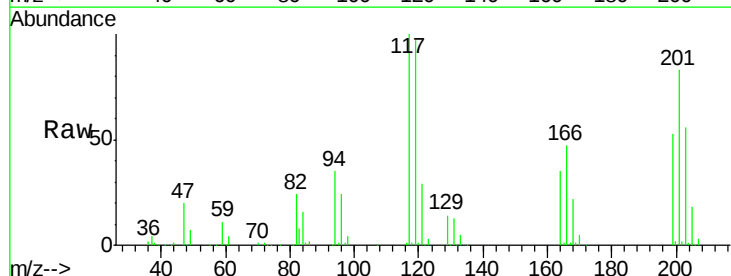
Instrument :
BNA_F
ClientSampleId :
PB102074BS

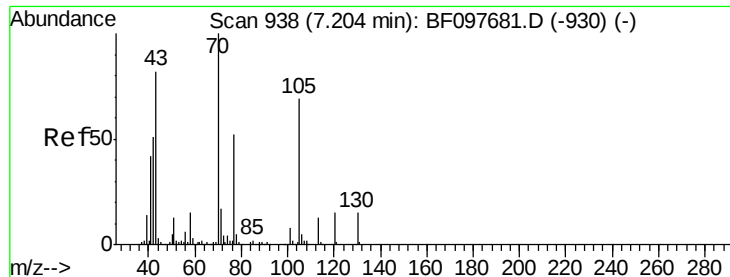
Tot Ion:	107	Resp:	286297
Ion	Ratio	Lower	Upper
107	100		
108	116.1	93.4	140.0
77	54.2	35.8	53.6#
79	51.0	34.8	52.2



#18
Hexachloroethane
Concen: 40.19 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion:	117	Resp:	131850
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.4	116.0
201	83.1	94.6	141.8#

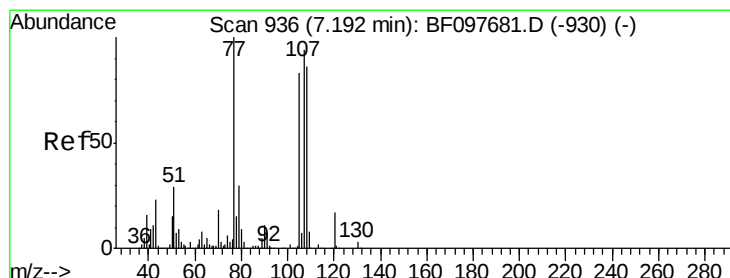
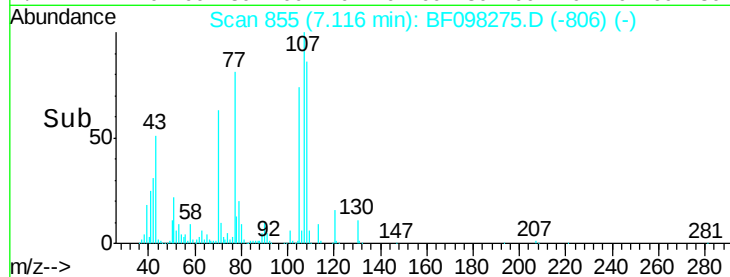
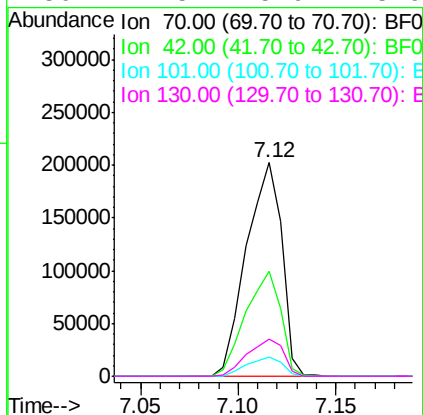
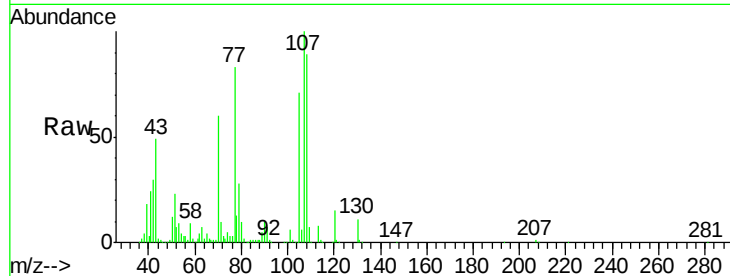




#19
n-Nitroso-di-n-propylamine
Concen: 37.76 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

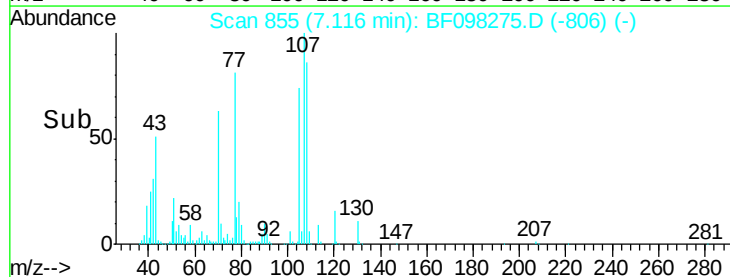
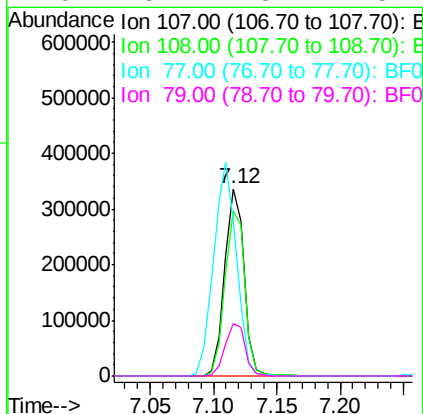
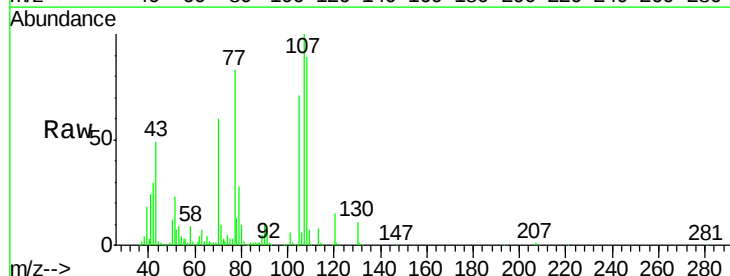
Instrument :
BNA_F
ClientSampleId :
PB102074BS

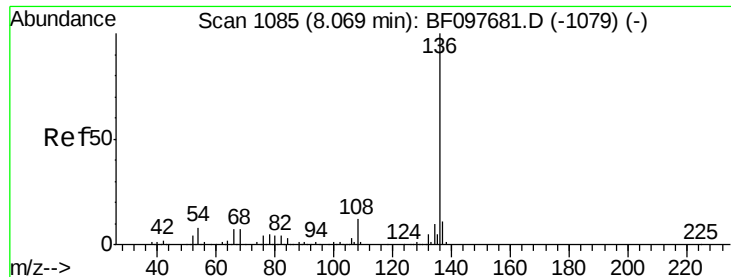
Tot Ion:	70	Resp:	254694
Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.2	70.8
101	9.2	7.2	10.8
130	17.5	15.9	23.9



#20
3+4-Methylphenols
Concen: 43.33 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion:	107	Resp:	356684
Ion	Ratio	Lower	Upper
107	100		
108	88.6	71.0	111.0
77	83.5	90.5	130.5#
79	28.2	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

PB102074BS

Tot Ion:136 Resp: 441168

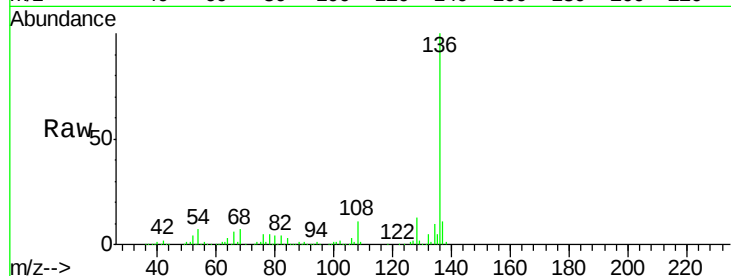
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.2 4.9 7.3

68 6.9 4.1 6.1#

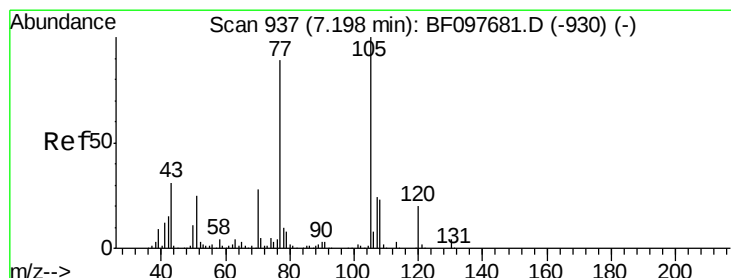
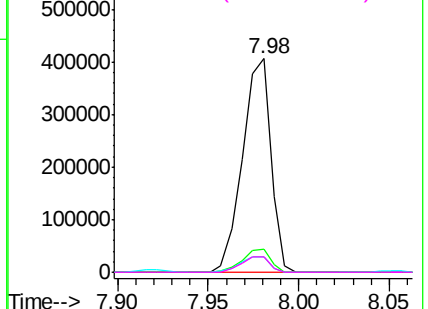
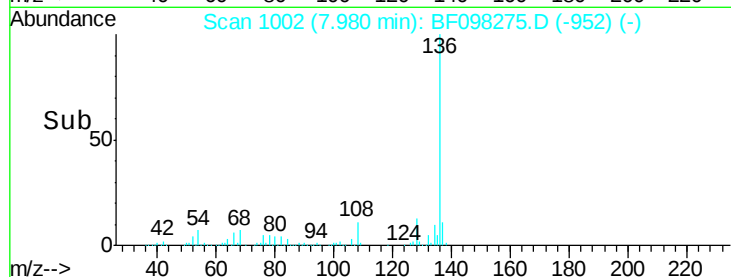


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.50 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Tgt Ion:105 Resp: 472037

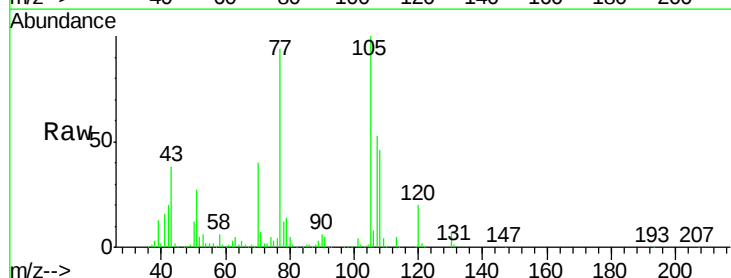
Ion Ratio Lower Upper

105 100

71 6.9 2.8 4.2#

51 26.6 30.7 46.1#

120 20.5 17.4 26.0

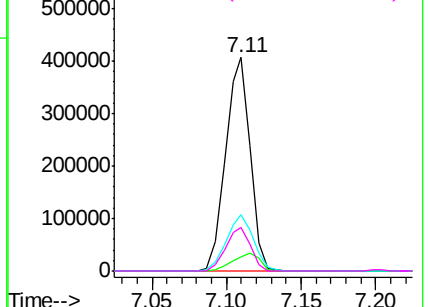
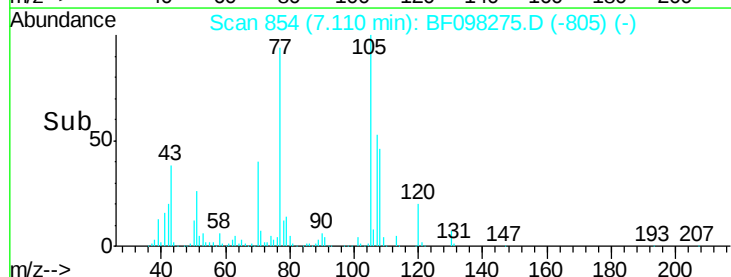


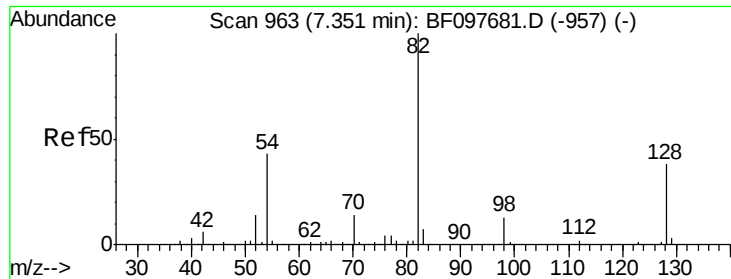
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

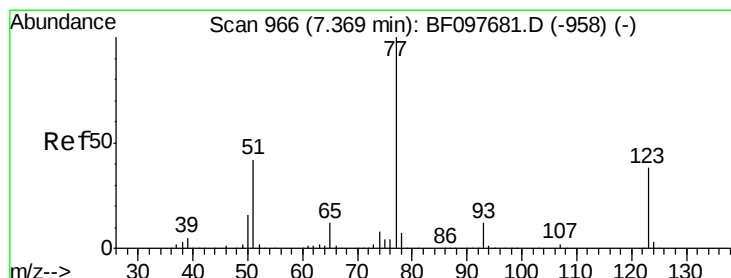
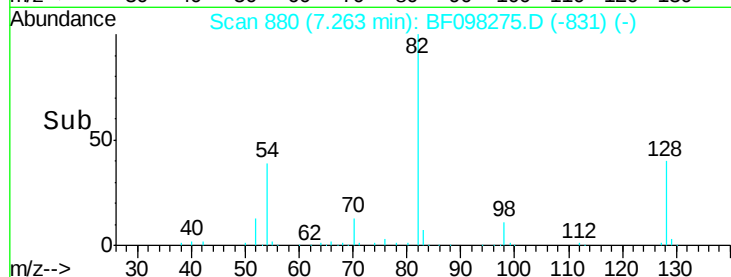
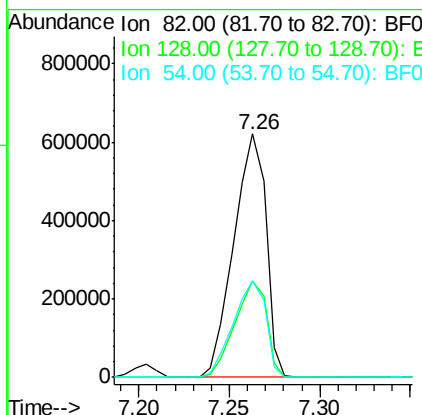
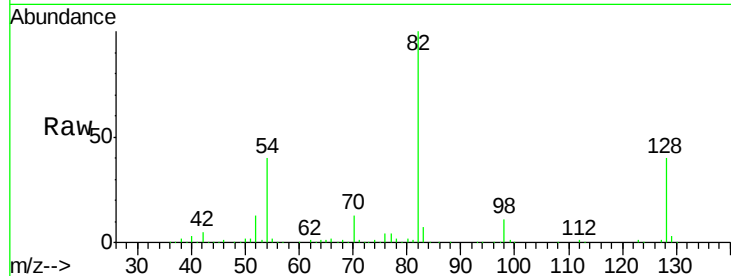




#23
 Nitrobenzene-d5
 Concen: 94.55 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

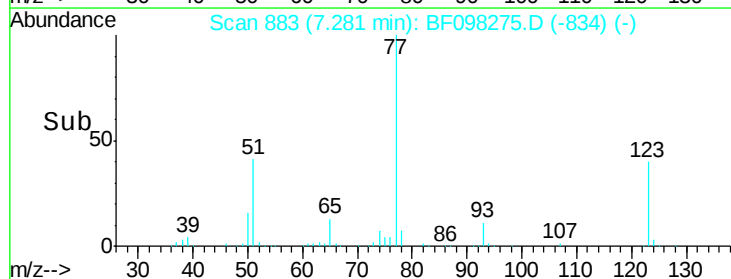
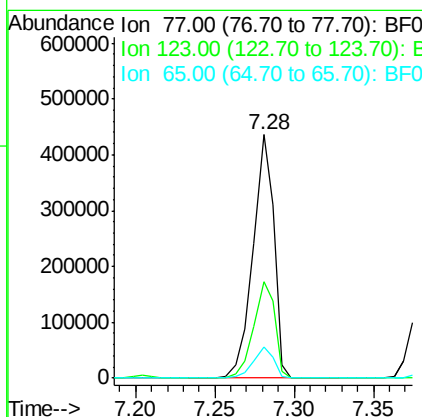
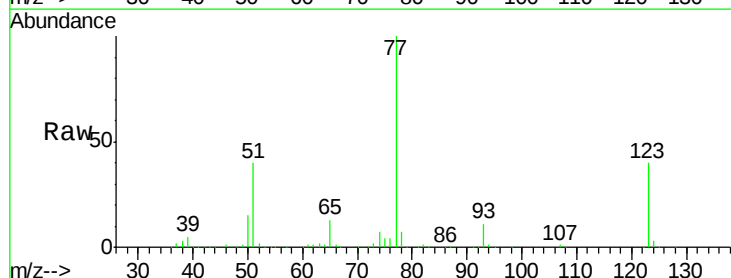
Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

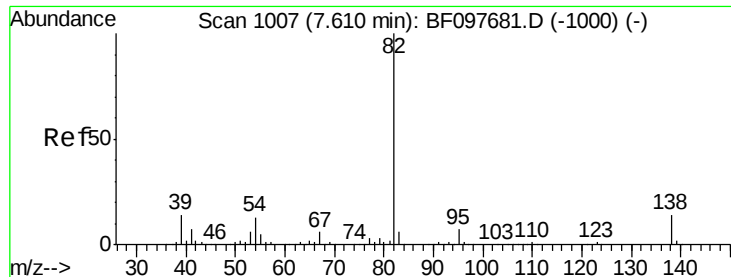
Tot Ion	82	Resp	767825
Ion Ratio	100		
Lower	34.0		
Upper	51.0		
54	39.6	42.2	63.2#



#24
 Nitrobenzene
 Concen: 44.30 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion	77	Resp	400589
Ion Ratio	100		
Lower	35.8		
Upper	53.8		
123	39.6	10.6	15.8
65	12.6		





#25

Isophorone

Concen: 42.76 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

PB102074BS

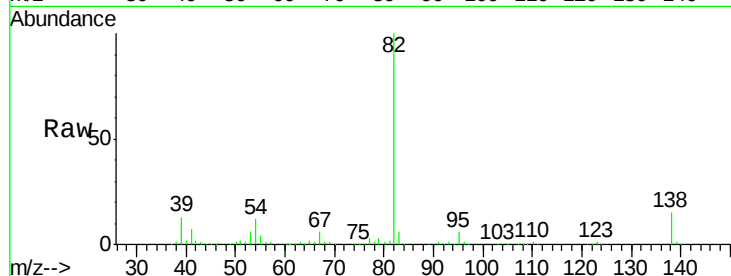
Tot Ion: 82 Resp: 722018

Ion Ratio Lower Upper

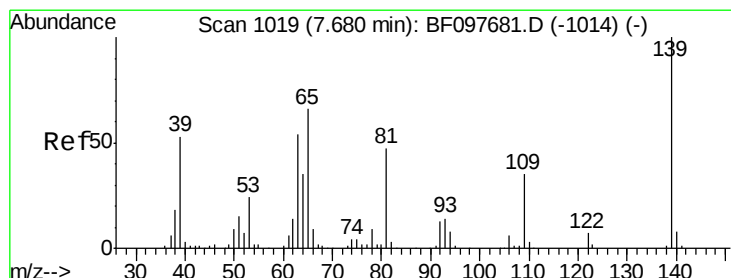
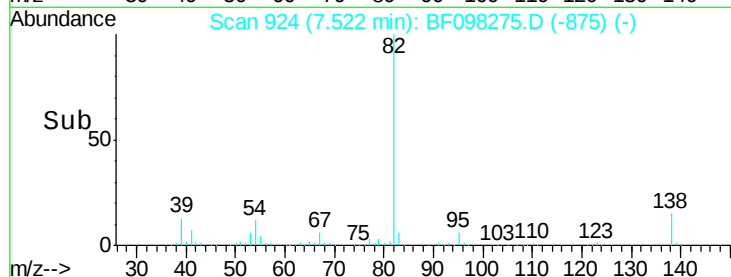
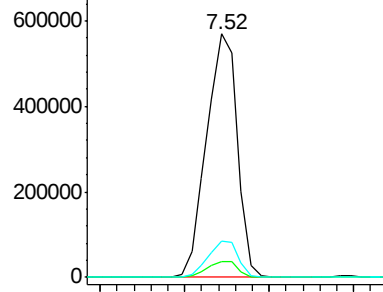
82 100

95 6.3 5.3 7.9

138 15.0 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: 51.28 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

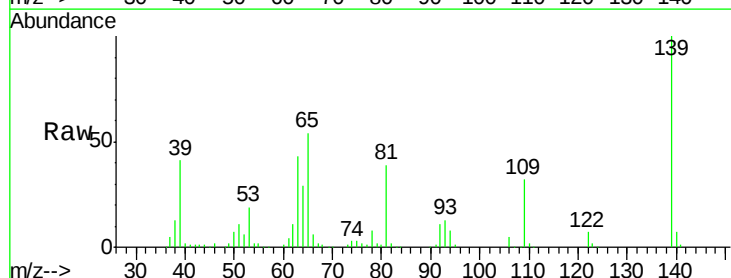
Tgt Ion: 139 Resp: 169307

Ion Ratio Lower Upper

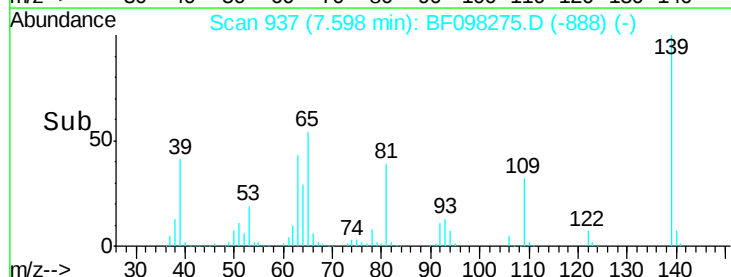
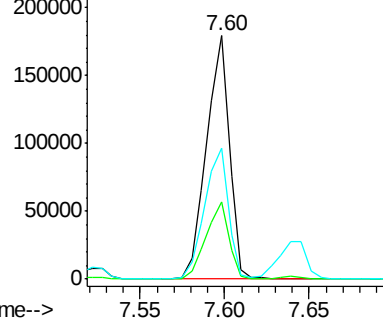
139 100

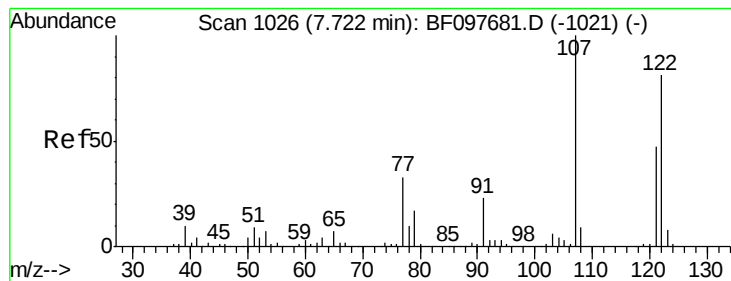
109 31.6 21.0 31.6#

65 53.9 33.0 49.6#



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

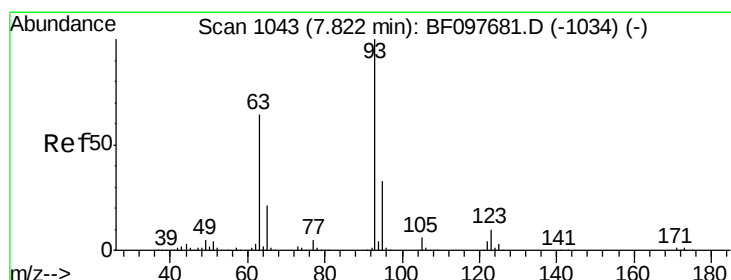
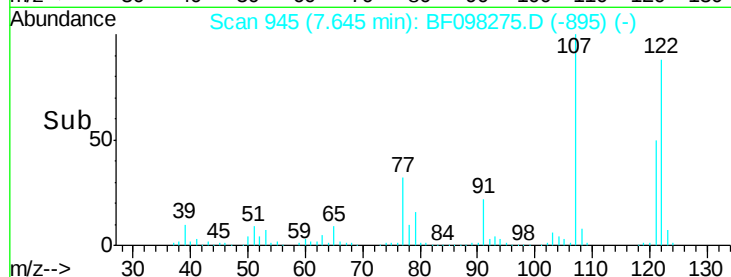
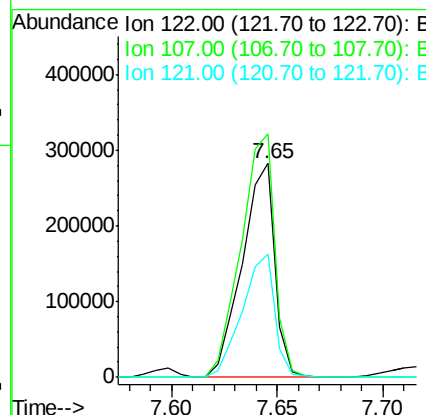
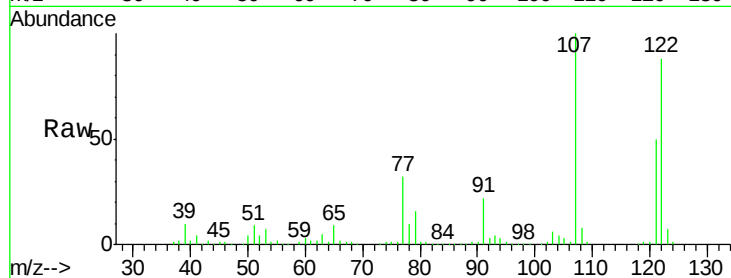




#27
 2,4-Dimethylphenol
 Concen: 43.14 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

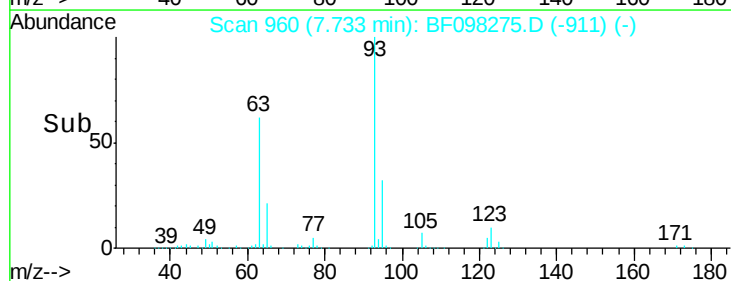
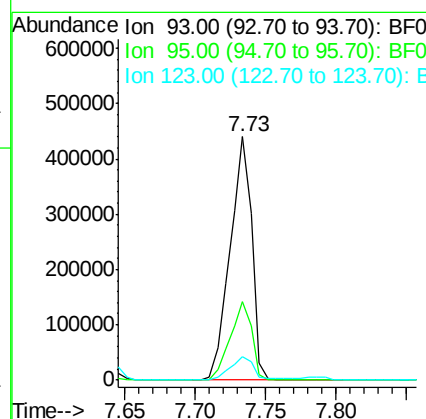
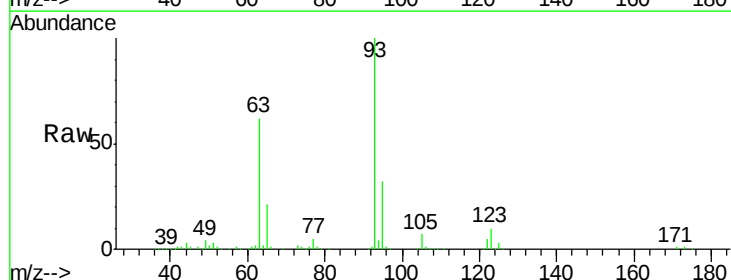
Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

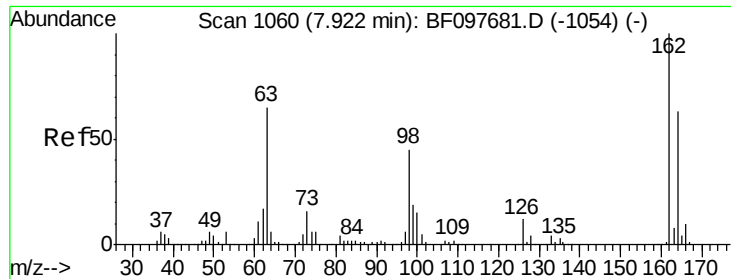
Tot Ion:122 Resp: 303811
 Ion Ratio Lower Upper
 122 100
 107 113.8 89.2 133.8
 121 57.3 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.15 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion: 93 Resp: 467945
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 9.7 9.0 13.4

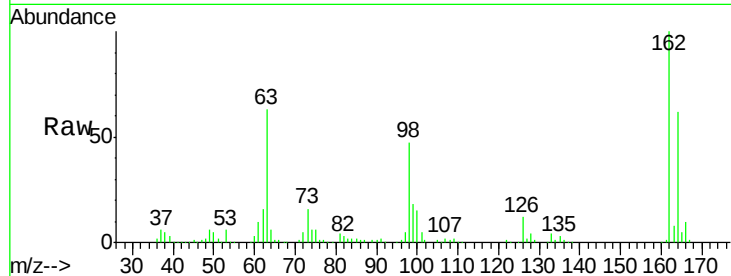




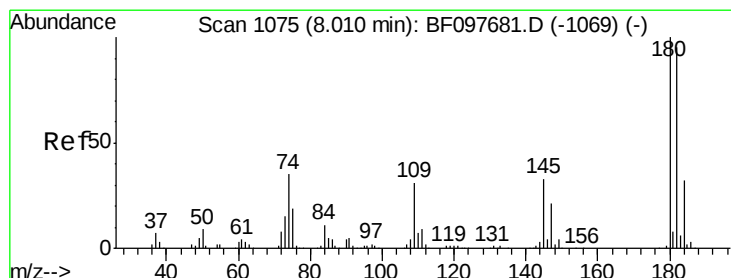
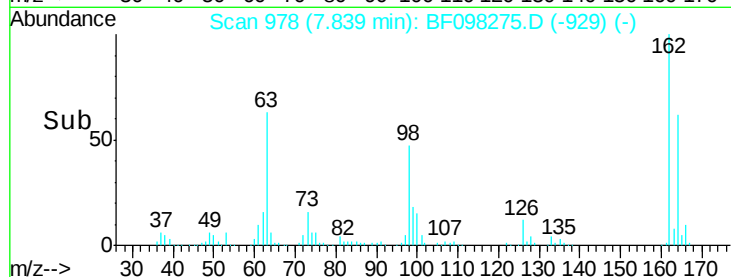
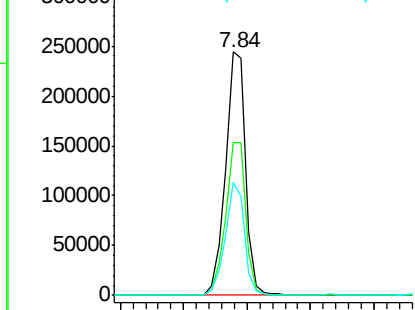
#29
 2,4-Dichlorophenol
 Concen: 45.18 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.6	84.6
98	46.6	14.8	54.8

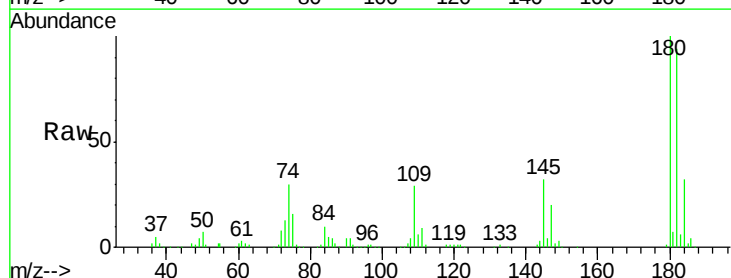


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

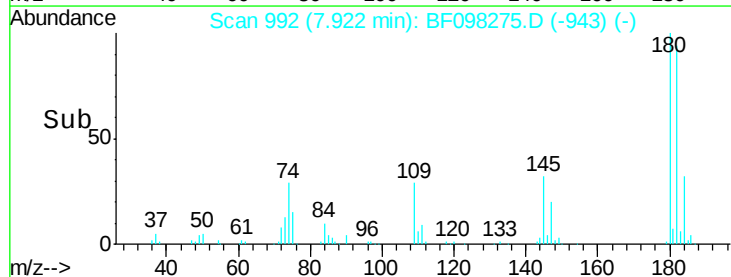
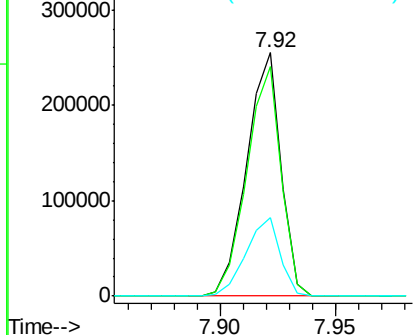


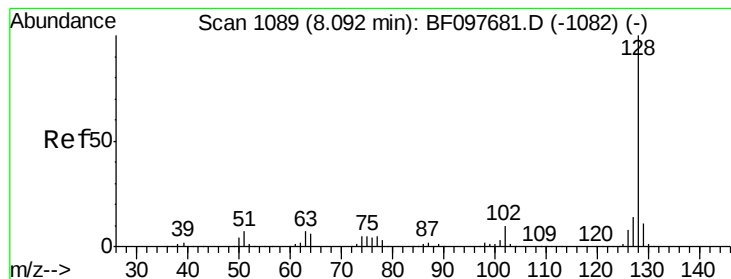
#30
 1,2,4-Trichlorobenzene
 Concen: 40.62 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.8	113.6
145	32.0	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.73 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

PB102074BS

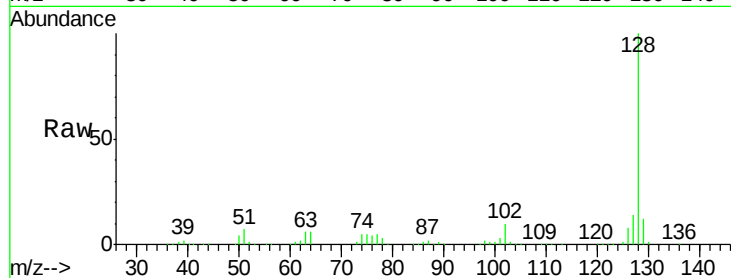
Tot Ion:128 Resp: 932886

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

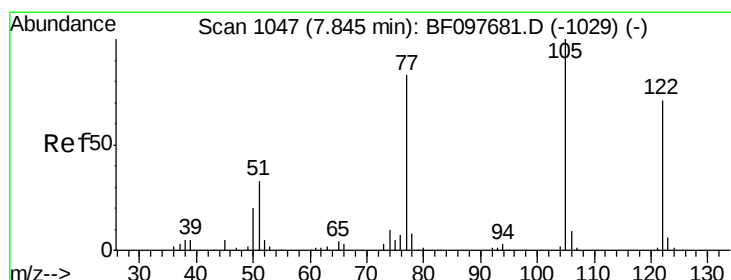
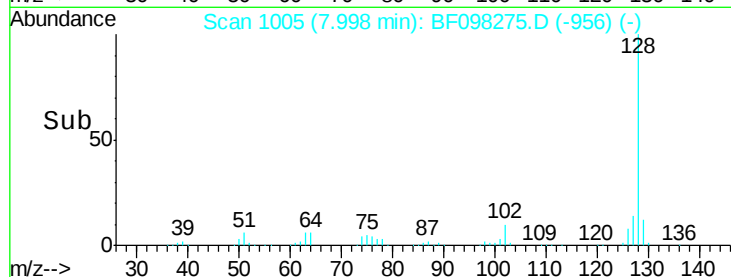
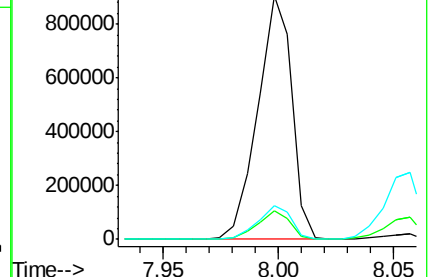
127 13.7 10.8 16.2



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: 39.29 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

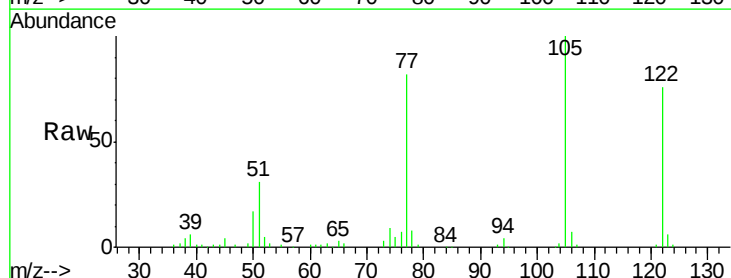
Tgt Ion:122 Resp: 194701

Ion Ratio Lower Upper

122 100

105 131.1 103.3 143.3

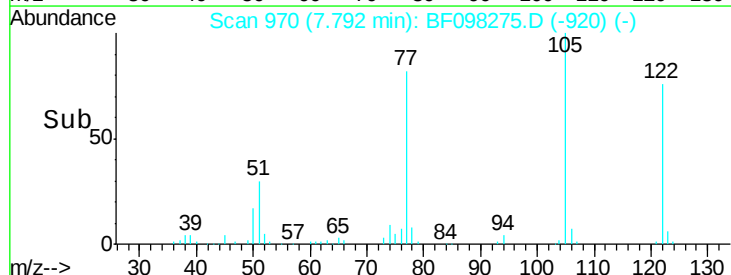
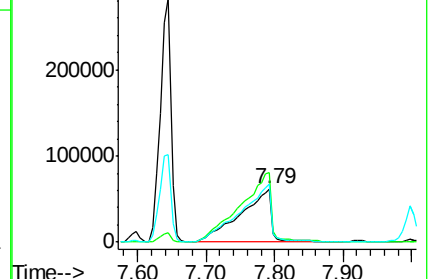
77 107.6 73.7 113.7

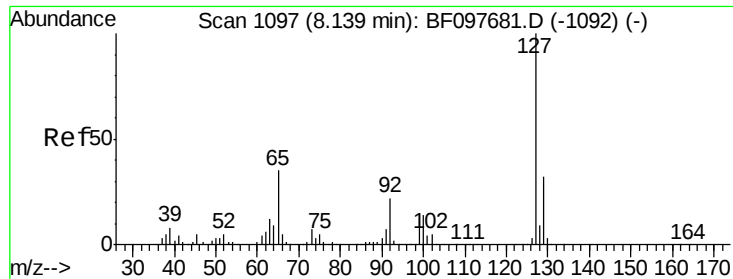


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

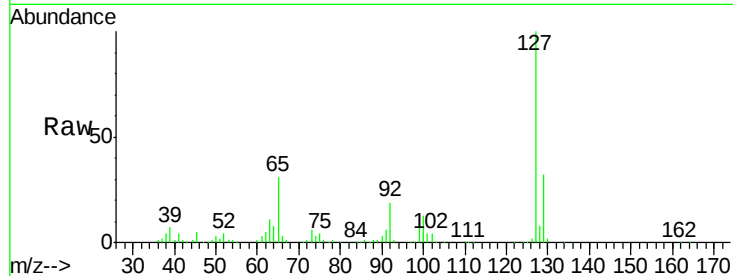




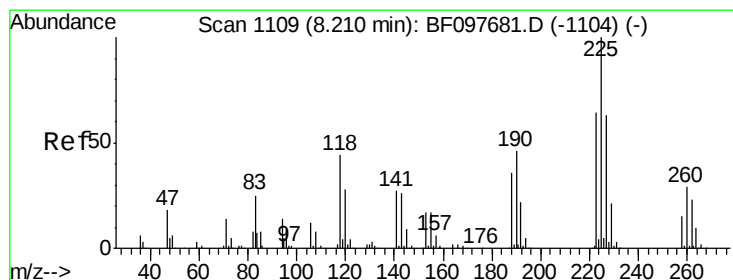
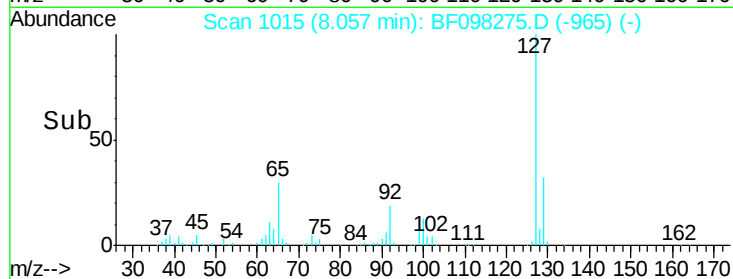
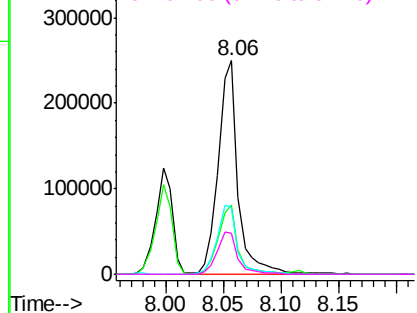
#33
4-Chloroaniline
Concen: 30.54 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PB102074BS

Tot Ion:	127	Resp:	294977
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	31.1	27.8	41.8
92	19.5	16.8	25.2

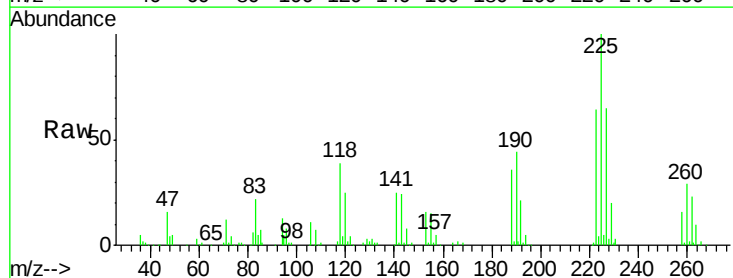


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

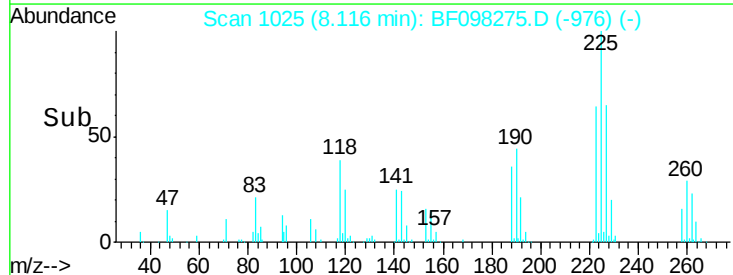
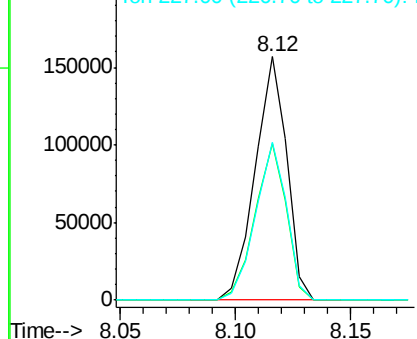


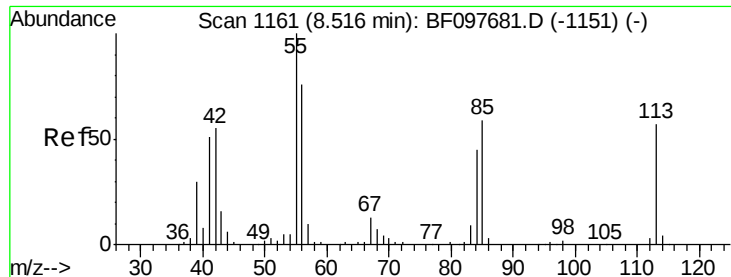
#34
Hexachlorobutadiene
Concen: 39.65 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion:	225	Resp:	150027
Ion	Ratio	Lower	Upper
225	100		
223	64.2	48.8	73.2
227	64.7	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

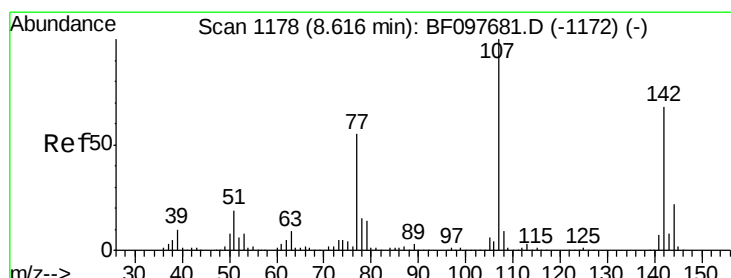
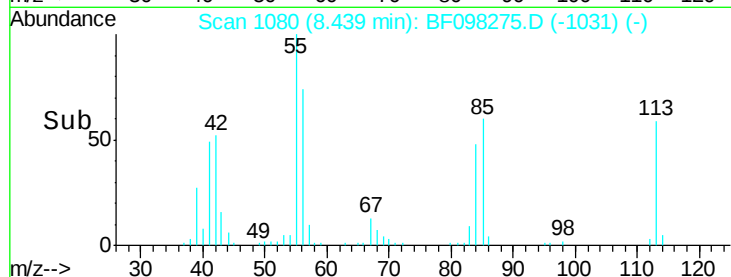
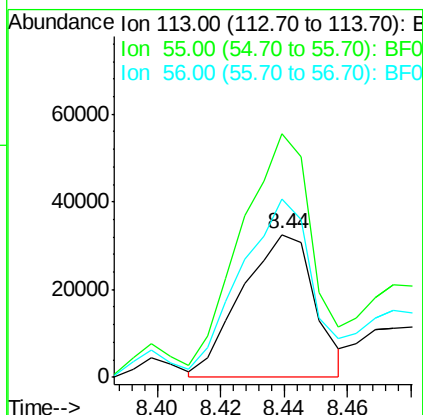
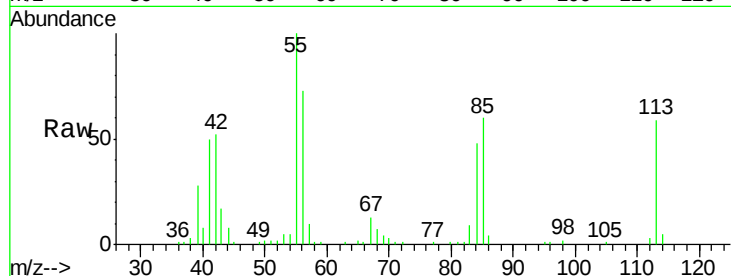




#35
Caprolactam
Concen: 26.29 ng
RT: 8.44 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

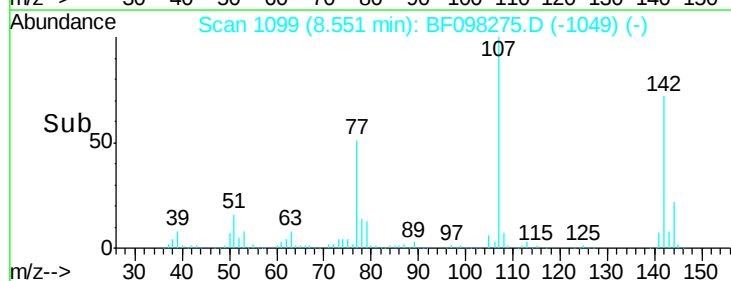
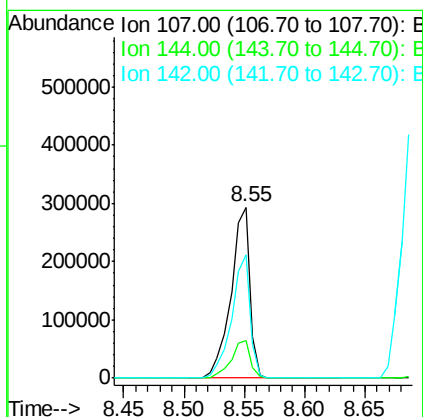
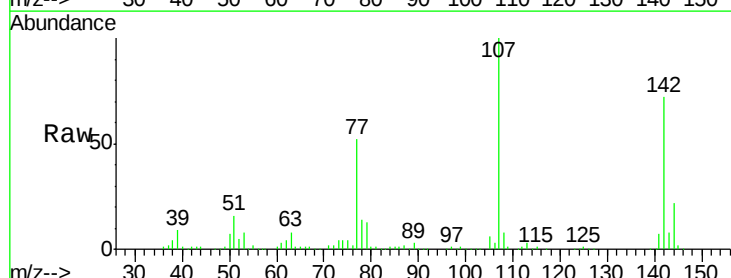
Instrument :
BNA_F
ClientSampleId :
PB102074BS

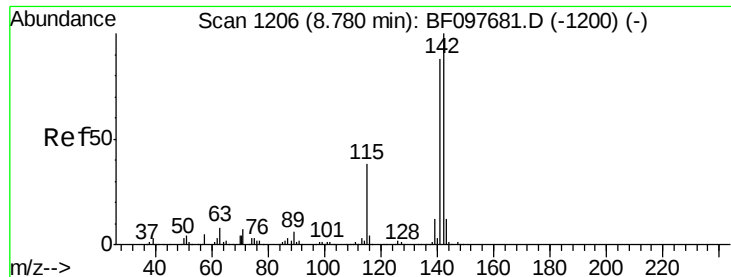
Tot Ion:113 Resp: 52240
Ion Ratio Lower Upper
113 100
55 170.1 150.2 190.2
56 124.8 107.8 147.8



#36
4-Chloro-3-methylphenol
Concen: 42.85 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion:107 Resp: 321835
Ion Ratio Lower Upper
107 100
144 21.7 24.2 36.4#
142 71.9 73.4 110.0#

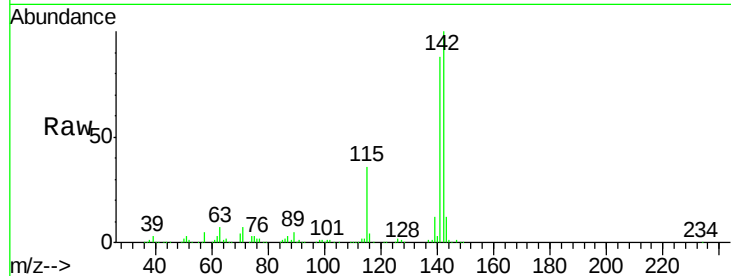




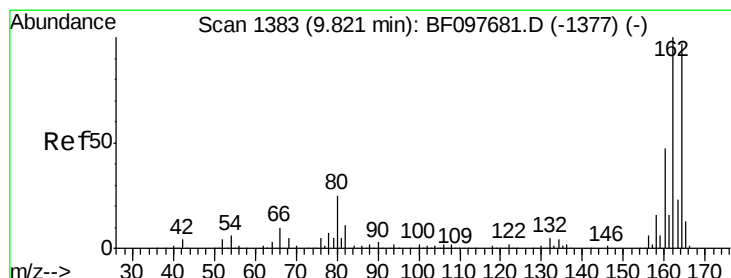
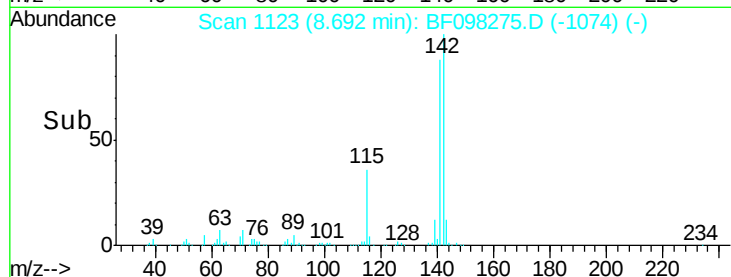
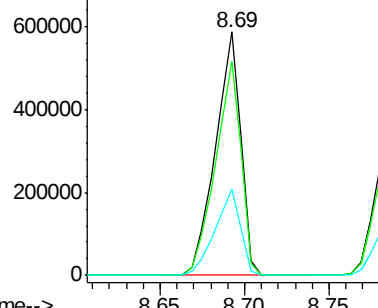
#37
 2-Methylnaphthalene
 Concen: 43.97 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Tot Ion:142 Resp: 617373
 Ion Ratio Lower Upper
 142 100
 141 88.0 71.3 106.9
 115 35.6 27.1 40.7

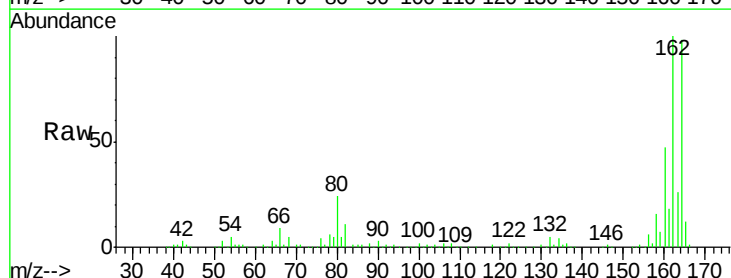


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

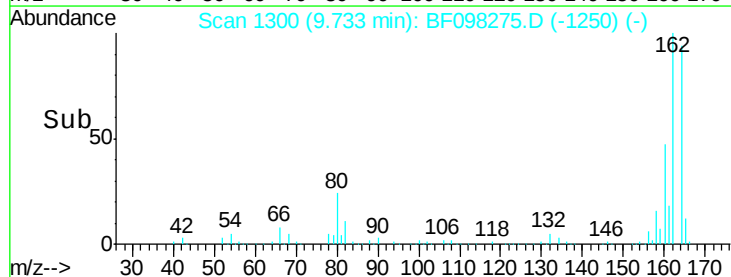
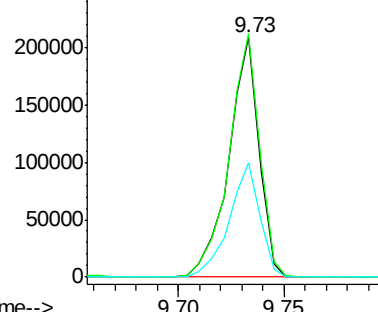


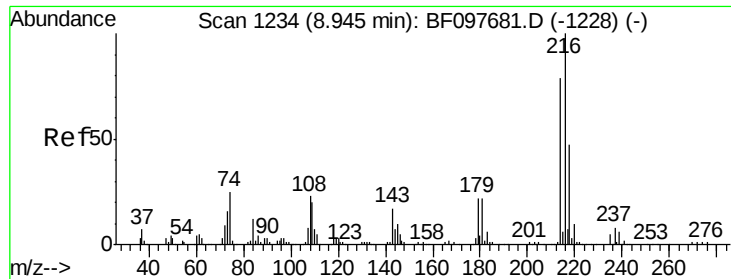
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion:164 Resp: 207816
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 123.8
 160 47.5 36.2 54.2



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

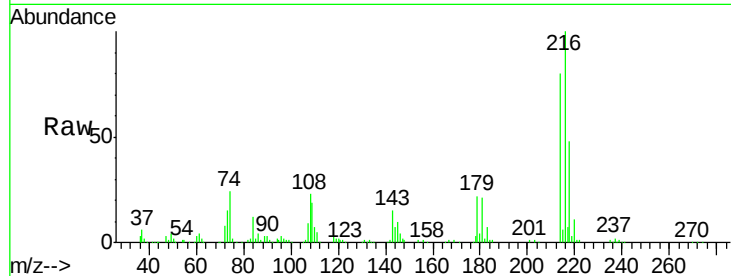




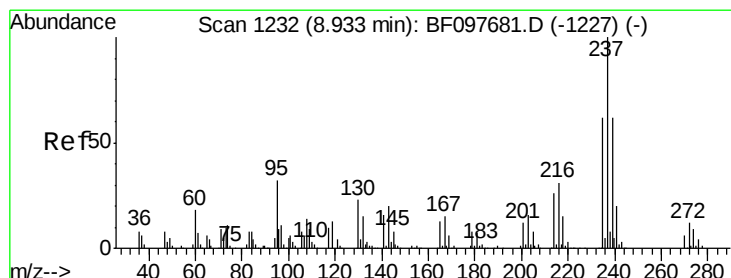
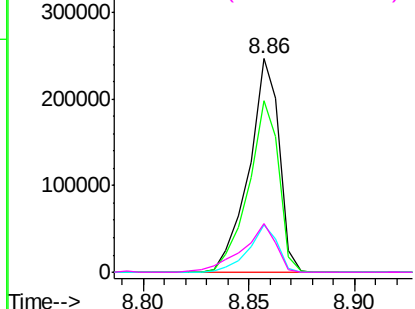
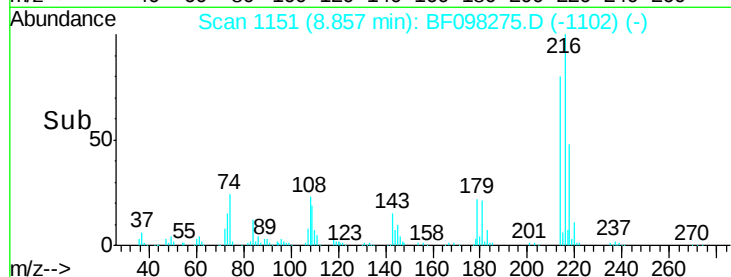
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.41 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Tot Ion:216	Resp:	244956
Ion Ratio	Lower	Upper
216	100	
214	80.6	63.4 95.2
179	21.5	17.9 26.9
108	25.4	16.5 24.7#

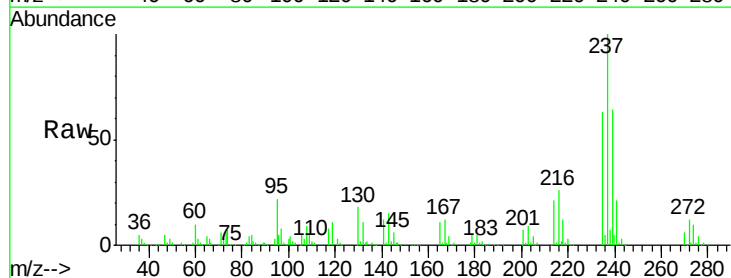


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

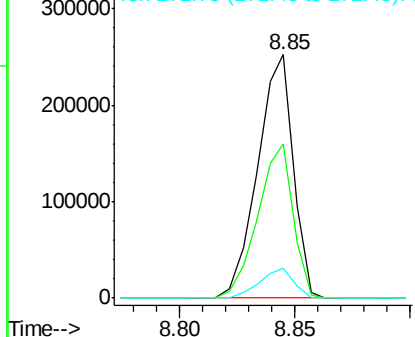
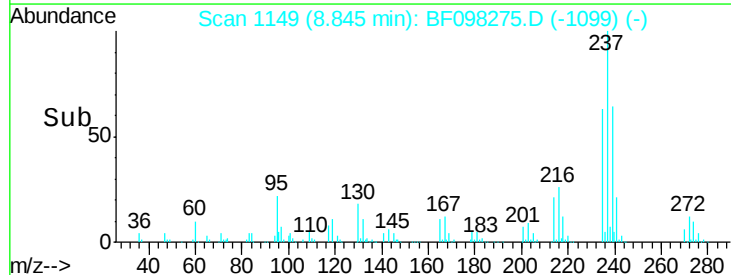


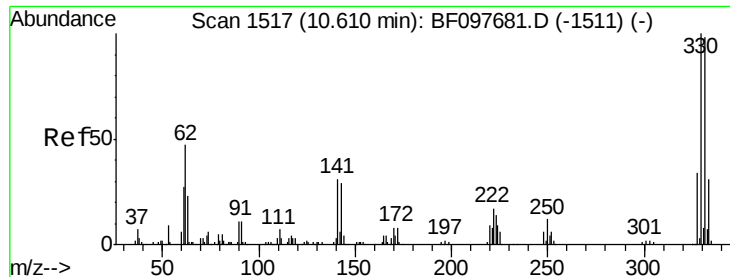
#40
 Hexachlorocyclopentadiene
 Concen: 88.36 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion:237	Resp:	270729
Ion Ratio	Lower	Upper
237	100	
235	63.4	42.6 82.6
272	12.3	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

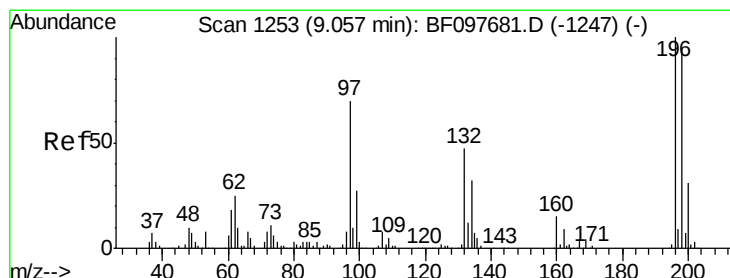
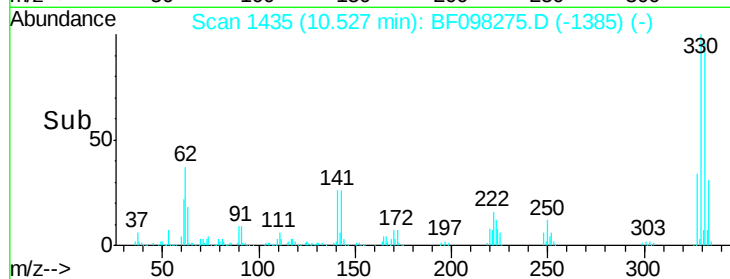
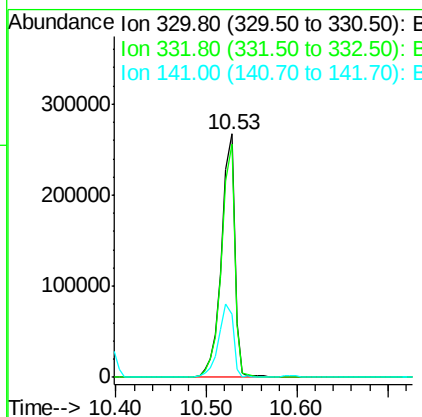
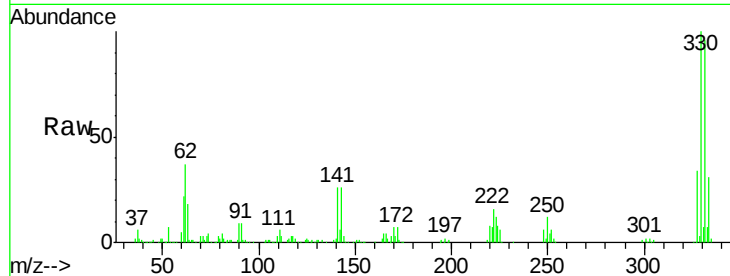




#41
 2,4,6-Tribromophenol
 Concen: 149.55 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

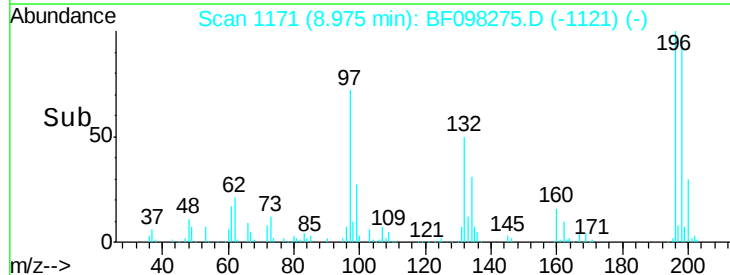
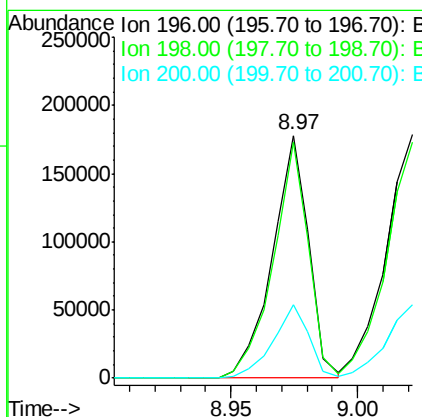
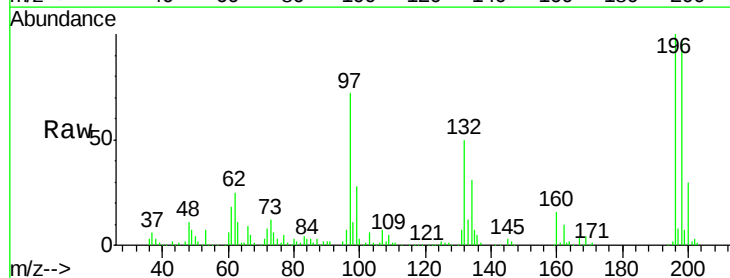
Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Tot Ion:330 Resp: 269657
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 33.7 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 41.60 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion:196 Resp: 178132
 Ion Ratio Lower Upper
 196 100
 198 97.1 74.2 111.4
 200 30.1 24.0 36.0

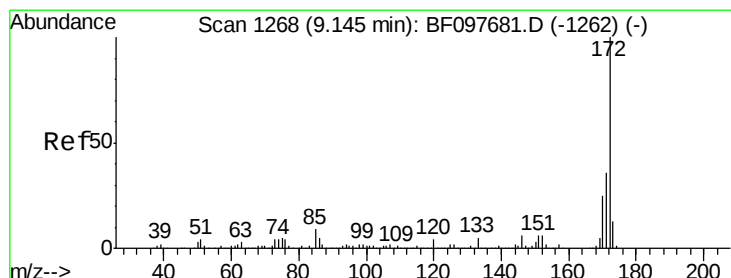
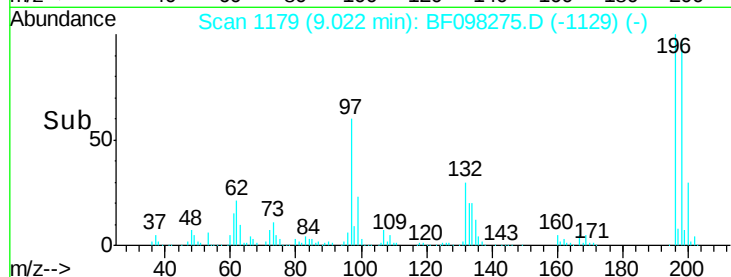
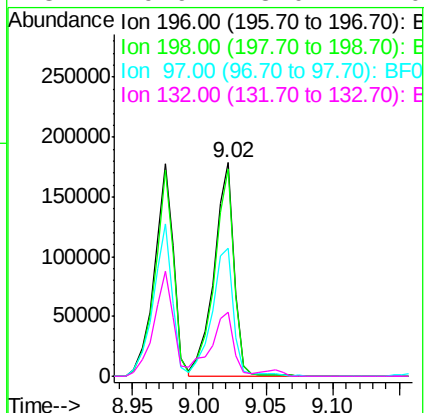
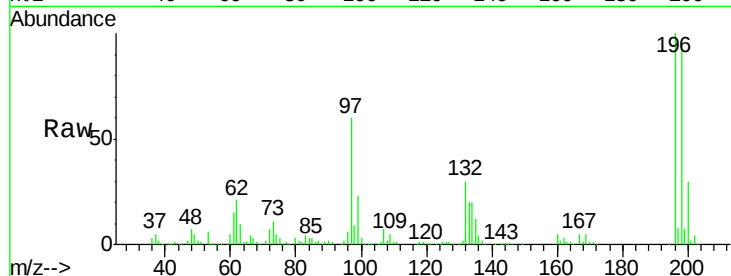




#43
 2,4,5-Trichlorophenol
 Concen: 44.63 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

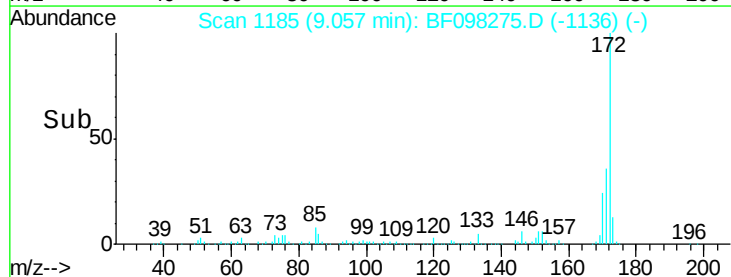
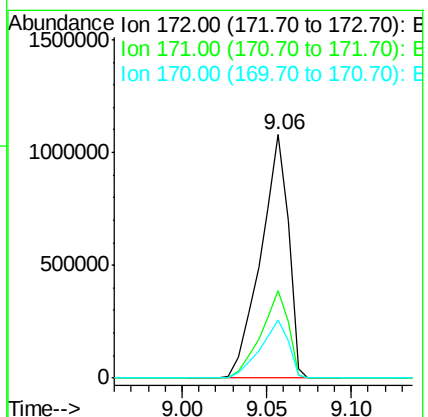
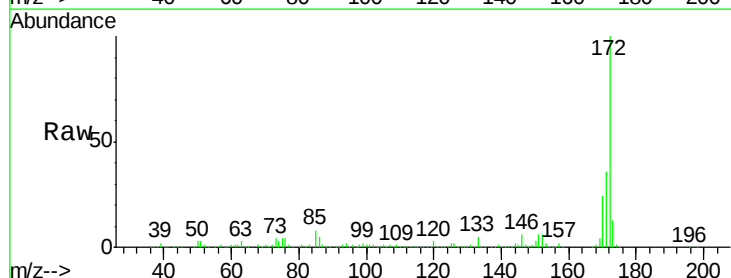
Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Tot Ion:196 Resp: 189593
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.7 113.5
 97 59.9 47.7 71.5
 132 29.9 28.0 42.0



#44
 2-Fluorobiphenyl
 Concen: 86.18 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion:172 Resp: 1219025
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.7 19.8 29.8

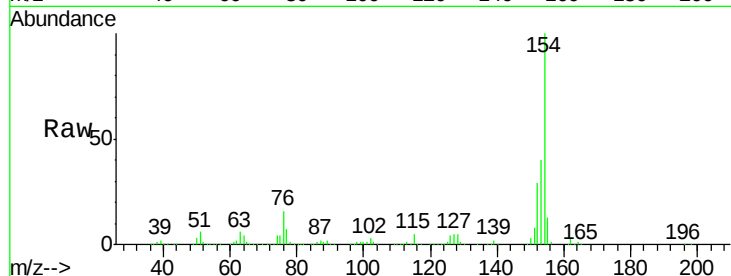




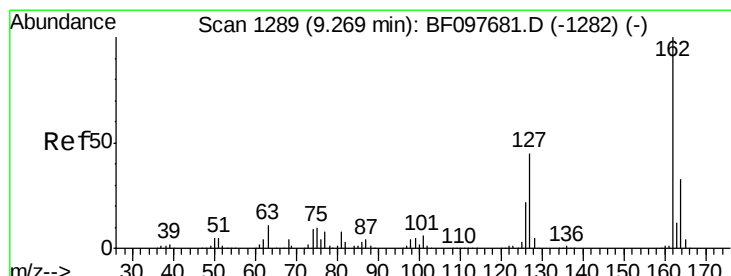
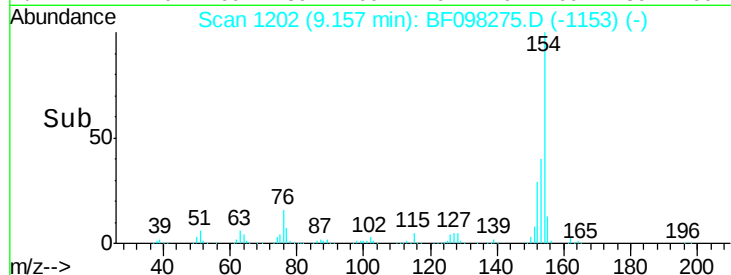
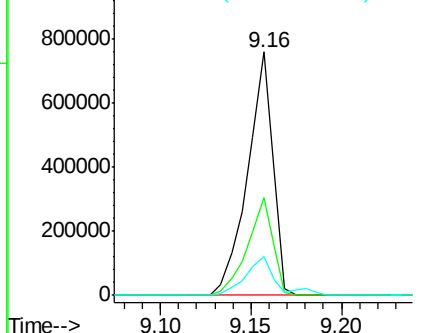
#45
 1,1'-Biphenyl
 Concen: 38.86 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Tot Ion:154 Resp: 736409
 Ion Ratio Lower Upper
 154 100
 153 40.1 21.2 61.2
 76 16.0 0.0 29.9

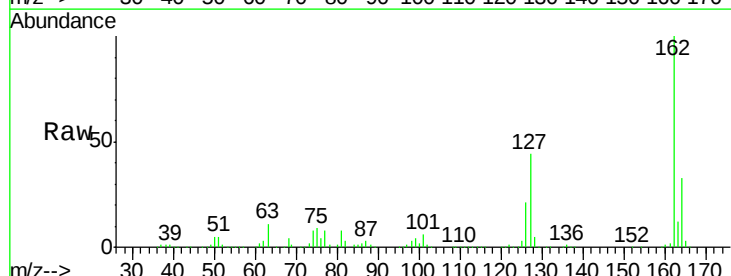


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

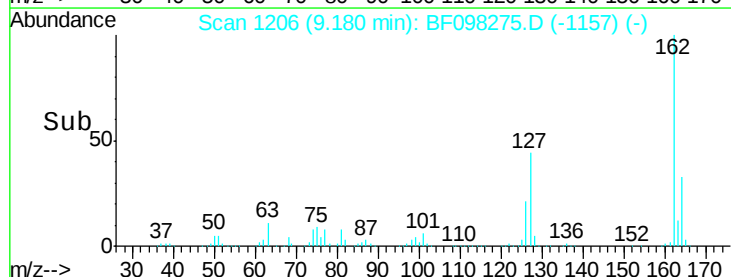
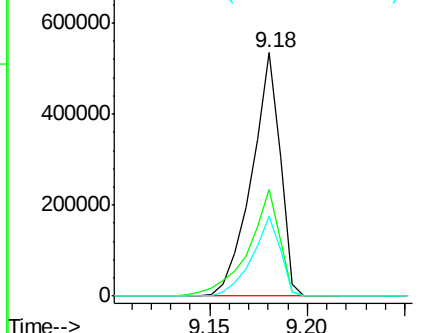


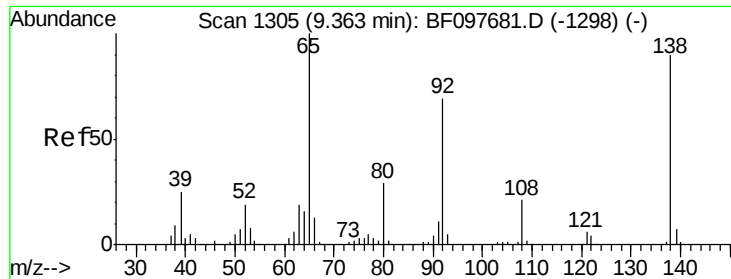
#46
 2-Chloronaphthalene
 Concen: 38.57 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion:162 Resp: 540046
 Ion Ratio Lower Upper
 162 100
 127 43.6 28.3 42.5#
 164 32.5 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

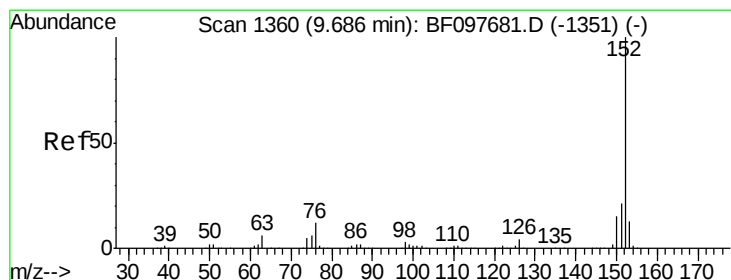
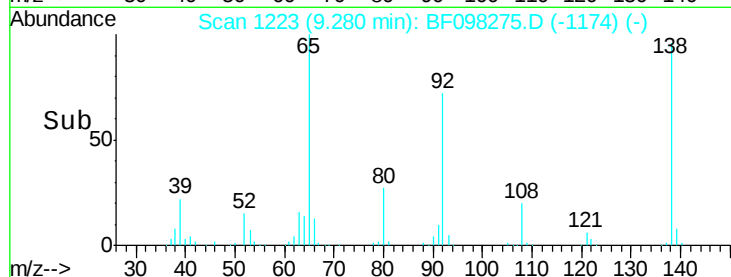
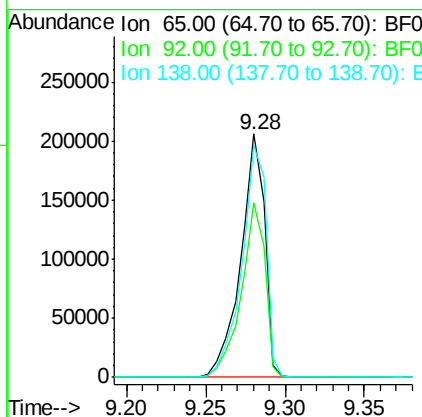
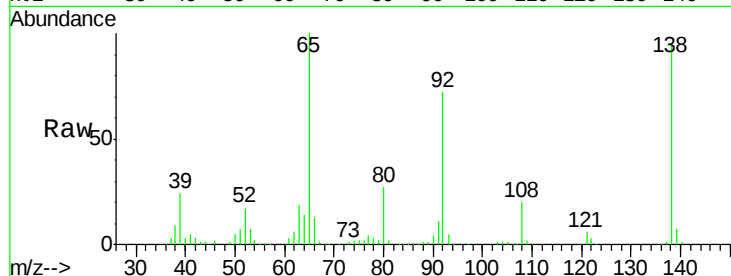




#47
 2-Nitroaniline
 Concen: 45.65 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

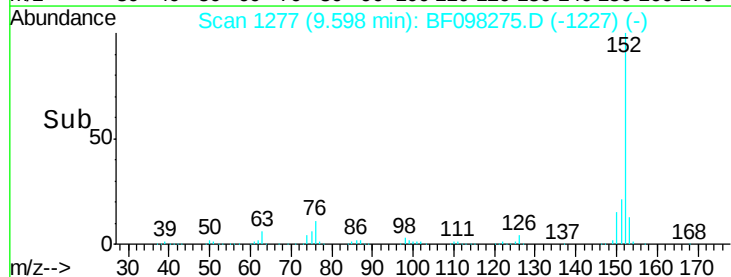
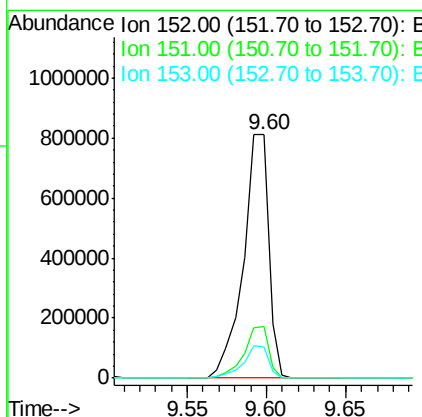
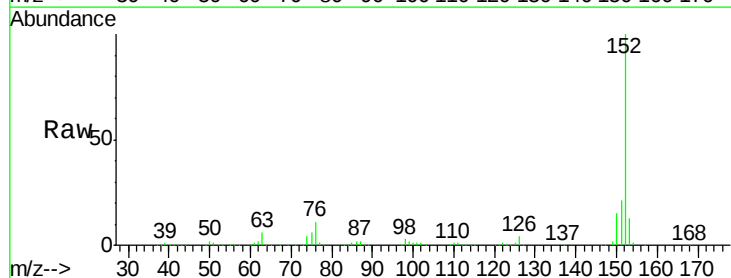
Instrument :
 BNA_F
 ClientSampleID :
 PB102074BS

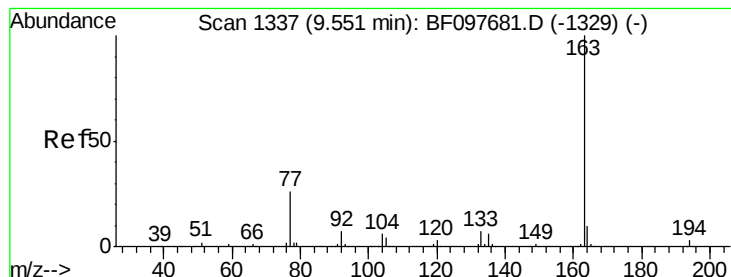
Tot Ion: 65 Resp: 214290
 Ion Ratio Lower Upper
 65 100
 92 71.8 53.9 80.9
 138 95.3 78.8 118.2



#48
 Acenaphthylene
 Concen: 40.86 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion: 152 Resp: 898463
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.8 25.2
 153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 43.97 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

PB102074BS

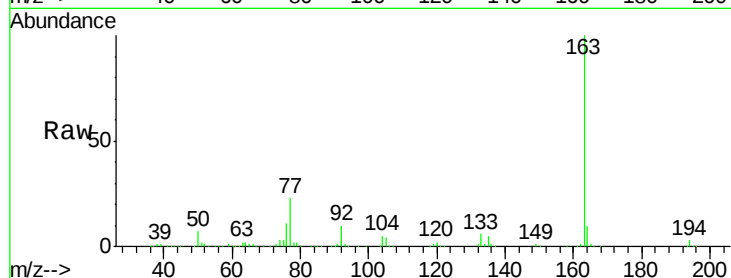
Tot Ion:163 Resp: 667927

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

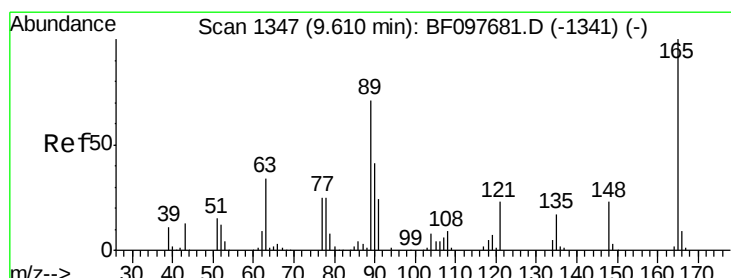
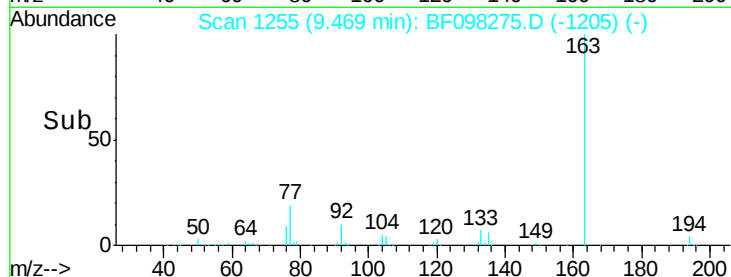
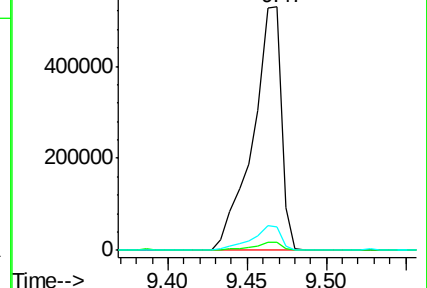
164 9.7 8.4 12.6



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: 47.62 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

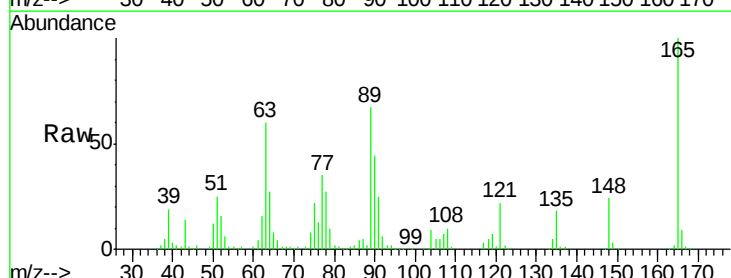
Tgt Ion:165 Resp: 144391

Ion Ratio Lower Upper

165 100

63 59.9 34.3 51.5#

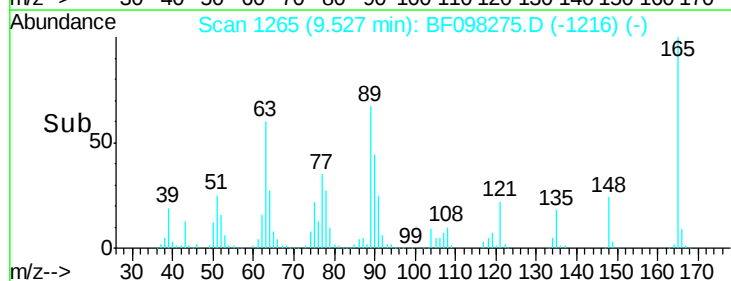
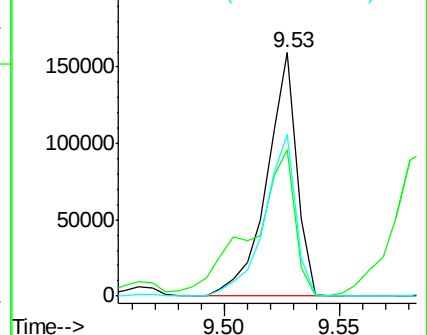
89 66.6 37.1 55.7#

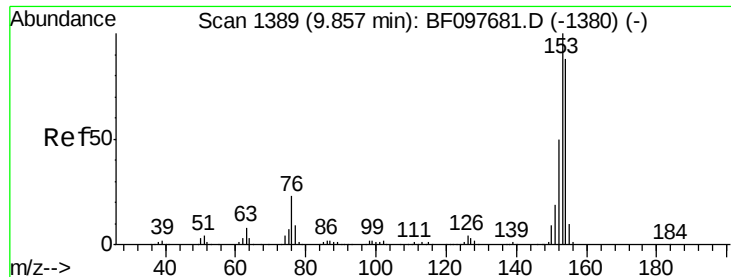


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.45 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

PB102074BS

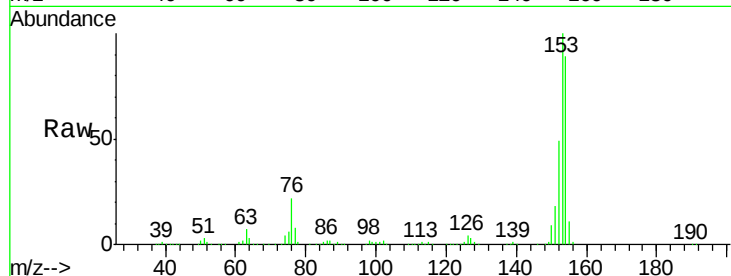
Tot Ion:154 Resp: 533232

Ion Ratio Lower Upper

154 100

153 112.9 90.5 135.7

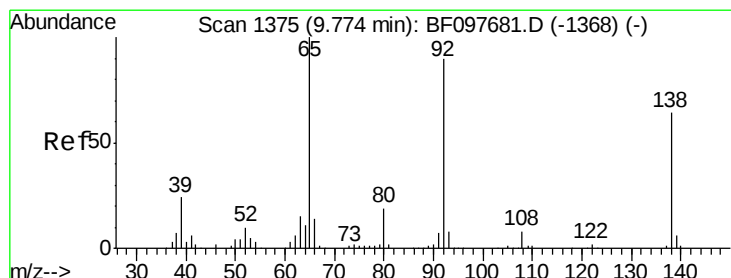
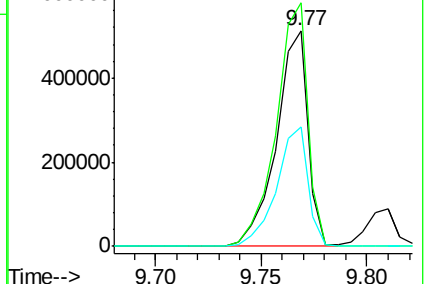
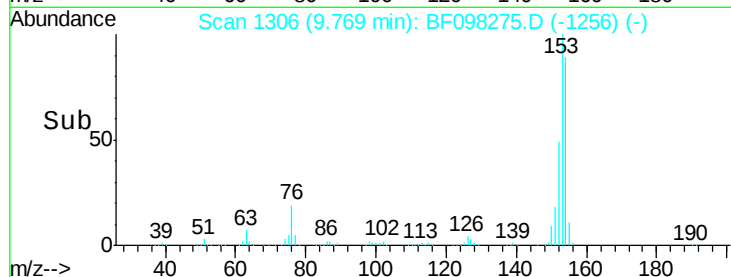
152 55.3 43.6 65.4



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: 35.41 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

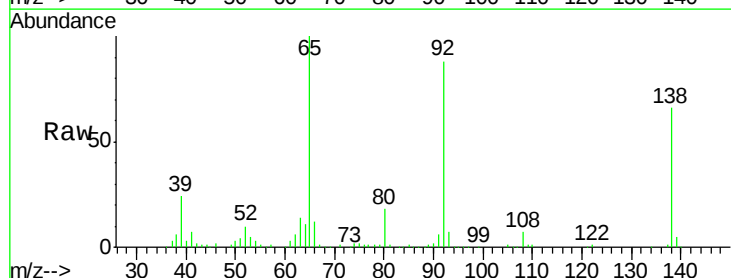
Tgt Ion:138 Resp: 138525

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

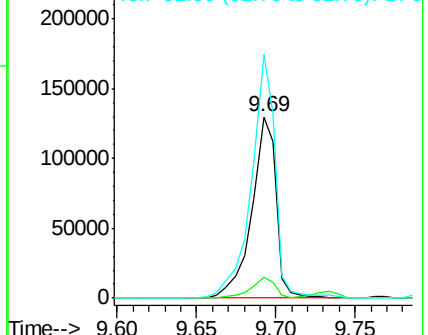
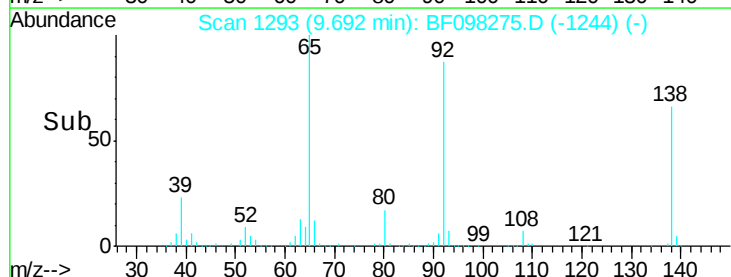
92 134.4 93.8 140.6

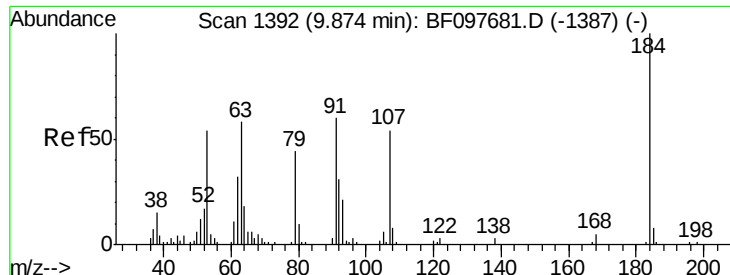


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

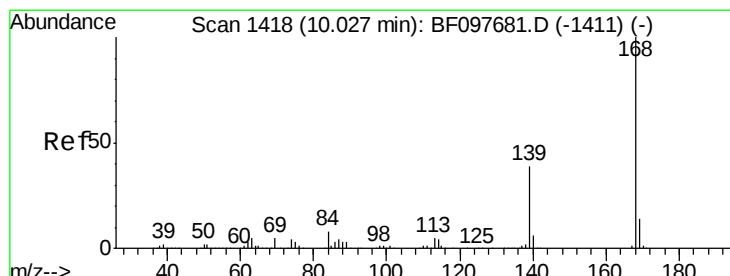
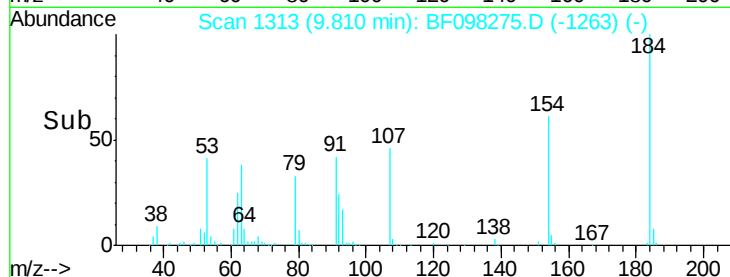
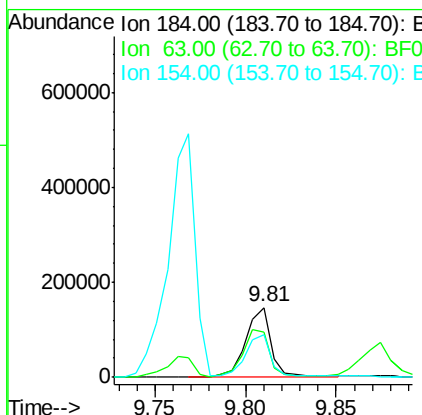
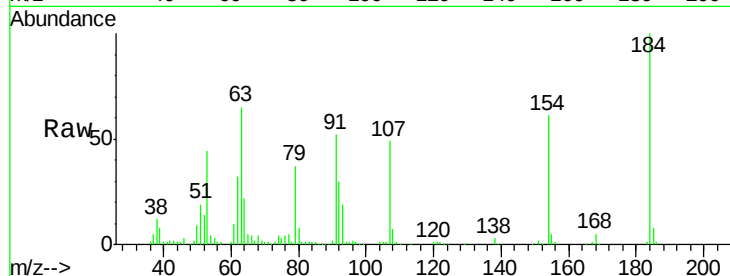




#53
 2,4-Dinitrophenol
 Concen: 98.75 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

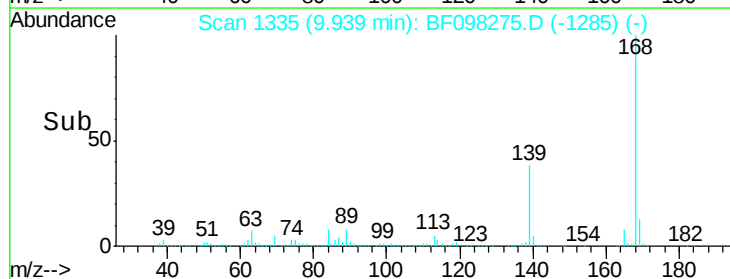
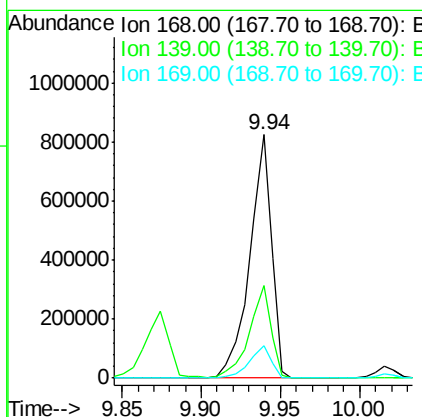
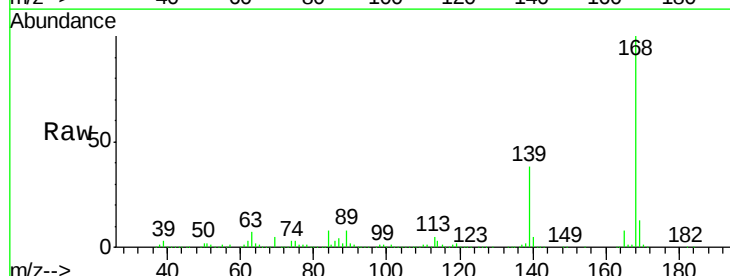
Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

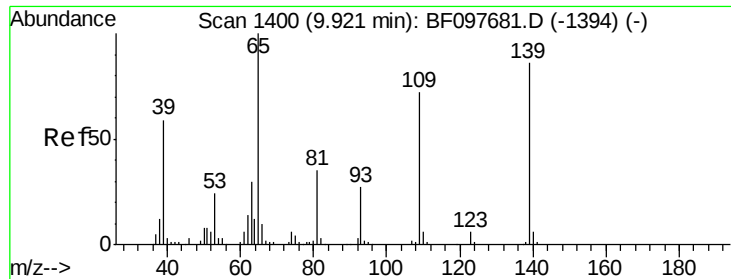
Tot Ion:184 Resp: 146354
 Ion Ratio Lower Upper
 184 100
 63 65.0 62.7 94.1
 154 61.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 42.25 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion:168 Resp: 785220
 Ion Ratio Lower Upper
 168 100
 139 37.9 30.6 45.8
 169 13.5 10.8 16.2

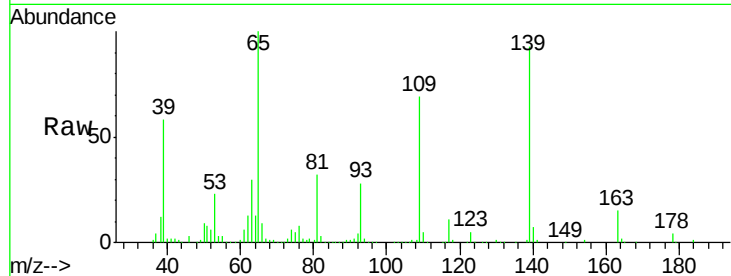




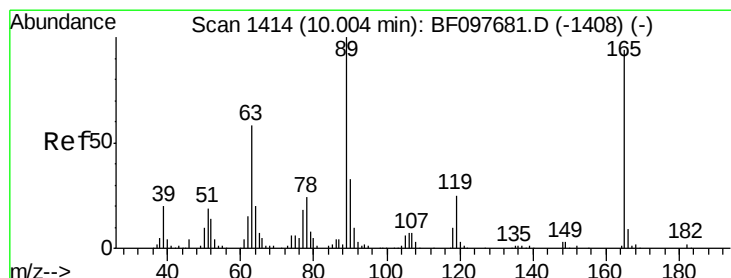
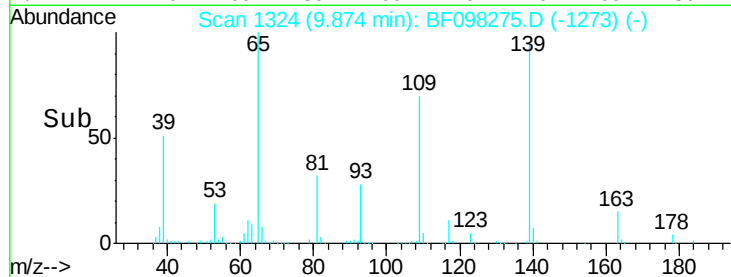
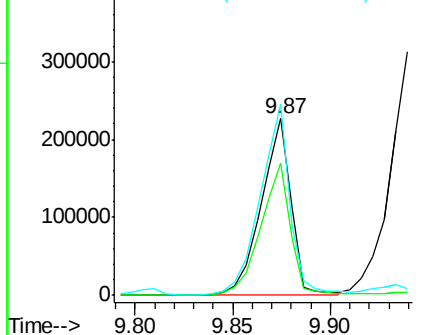
#55
4-Nitrophenol
Concen: 76.63 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PB102074BS

Tot Ion:139 Resp: 239143
Ion Ratio Lower Upper
139 100
109 74.9 34.1 74.1#
65 107.7 31.4 71.4#

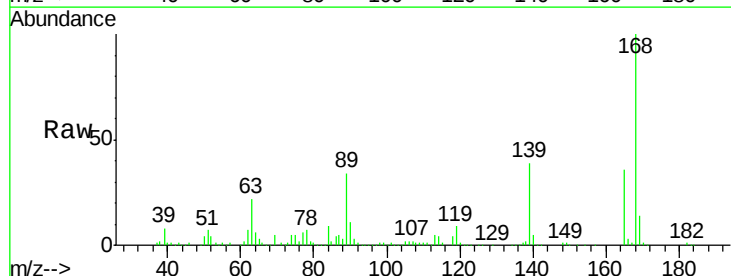


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

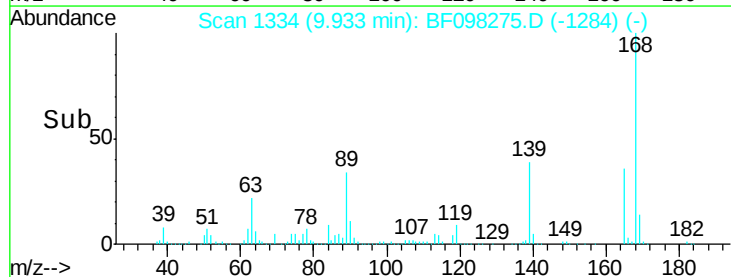
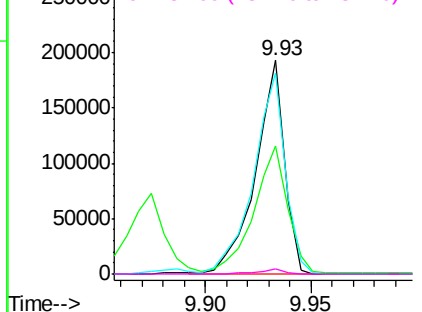


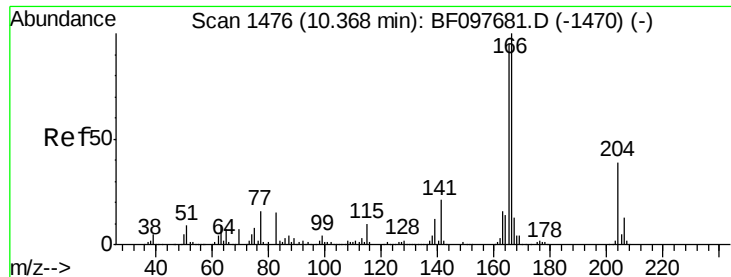
#56
2,4-Dinitrotoluene
Concen: 48.58 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion:165 Resp: 184862
Ion Ratio Lower Upper
165 100
63 60.2 25.4 38.0#
89 94.3 46.4 69.6#
182 2.3 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

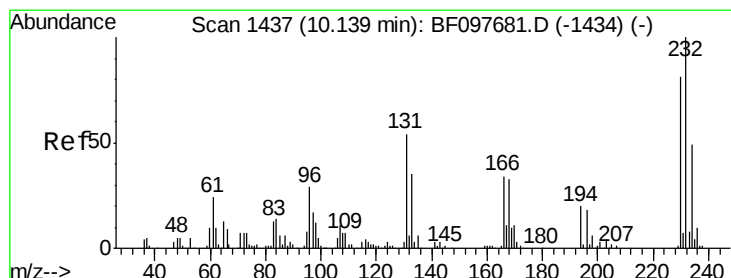
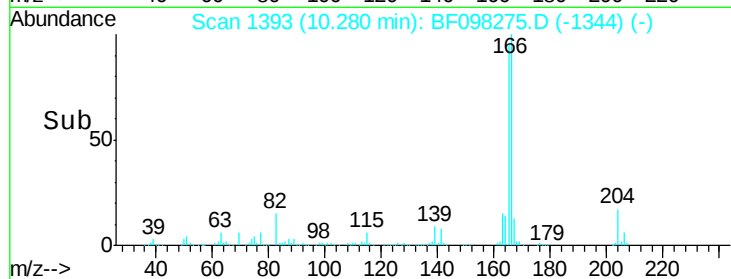
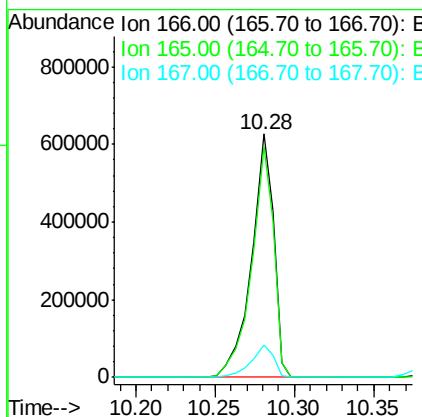
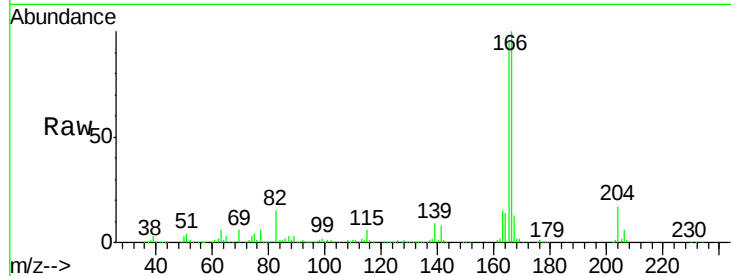




#57
 Fluorene
 Concen: 42.27 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

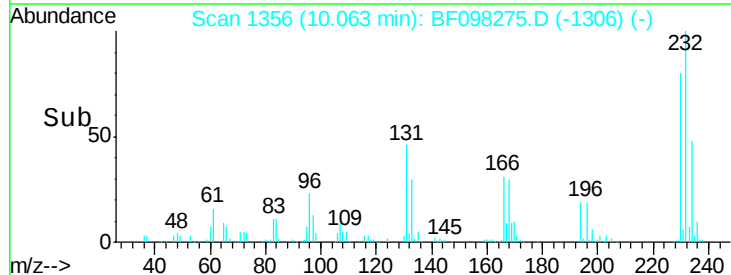
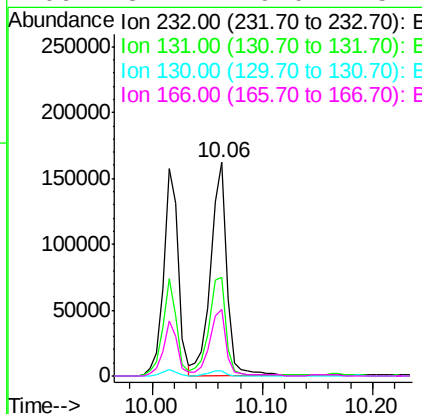
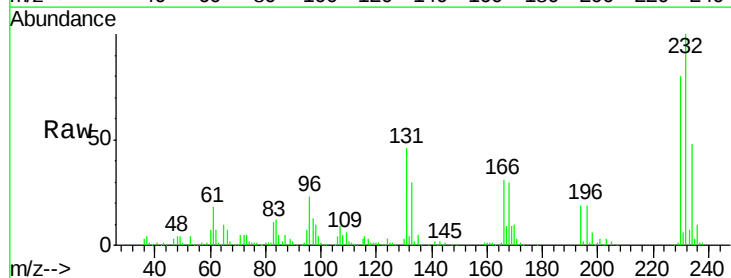
Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

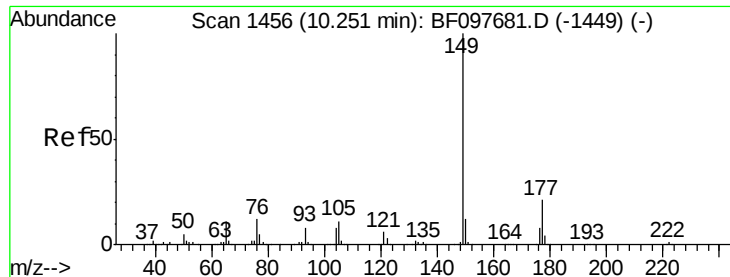
Tot Ion:166 Resp: 607379
 Ion Ratio Lower Upper
 166 100
 165 94.9 78.8 118.2
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.27 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion:232 Resp: 162028
 Ion Ratio Lower Upper
 232 100
 131 49.8 44.8 67.2
 130 2.6 2.3 3.5
 166 31.2 29.0 43.4





#59

Diethylphthalate

Concen: 46.14 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

PB102074BS

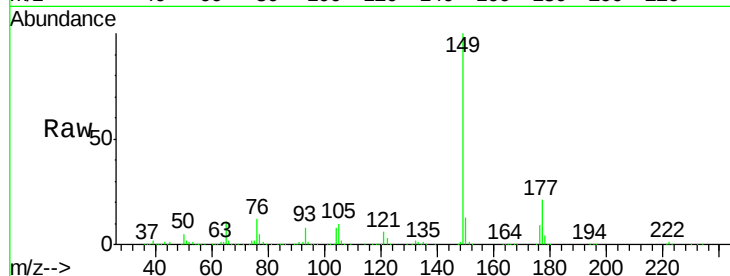
Tot Ion:149 Resp: 733012

Ion Ratio Lower Upper

149 100

177 20.8 16.7 25.1

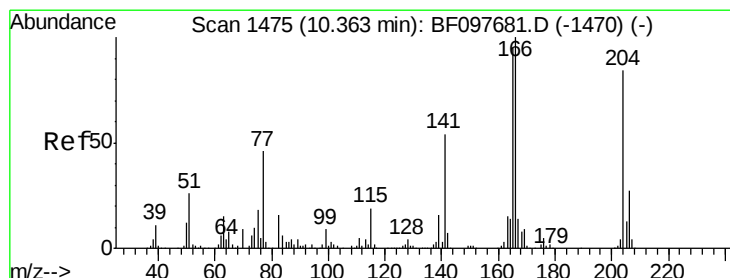
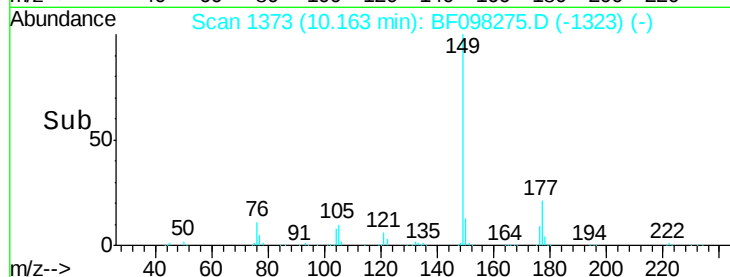
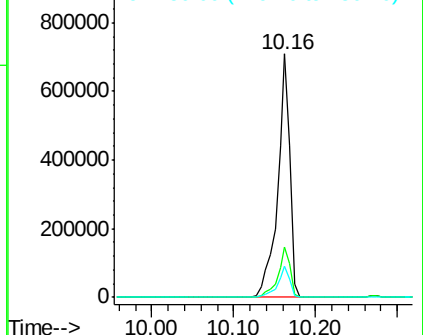
150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.31 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

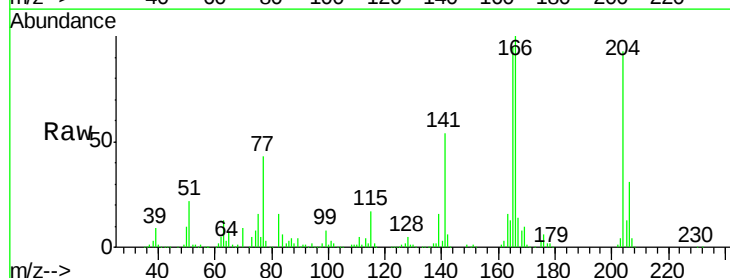
Tgt Ion:204 Resp: 282482

Ion Ratio Lower Upper

204 100

206 32.9 26.2 39.2

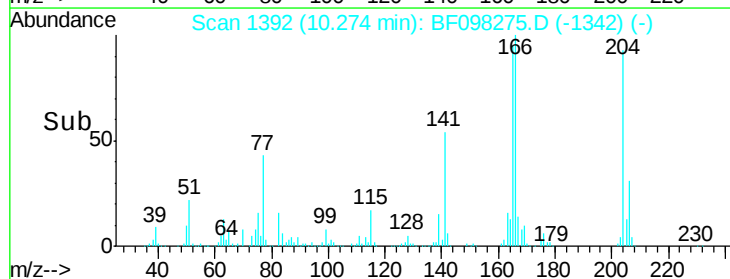
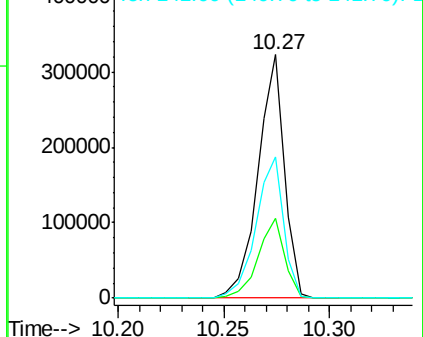
141 57.9 60.8 91.2#

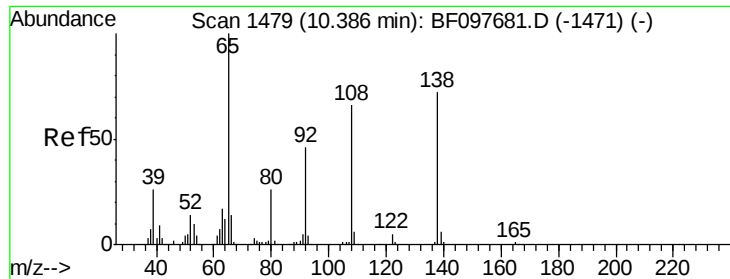


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

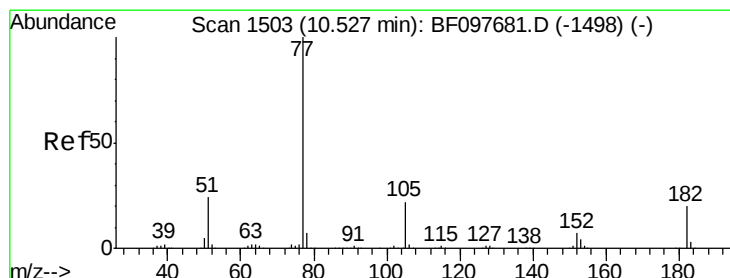
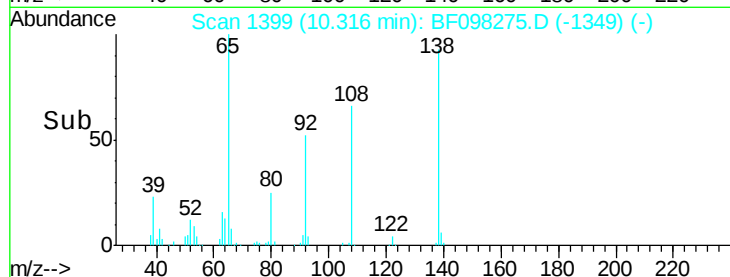
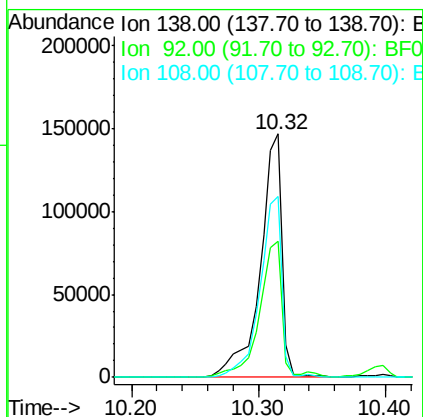
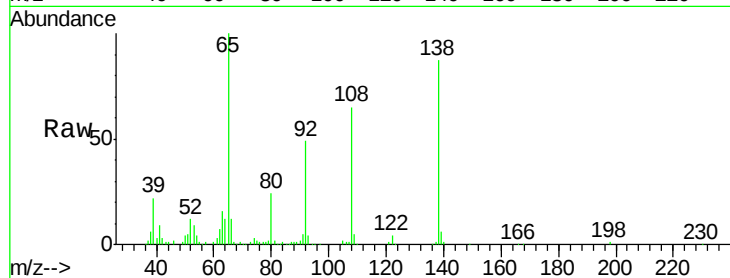




#61
4-Nitroaniline
Concen: 47.56 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

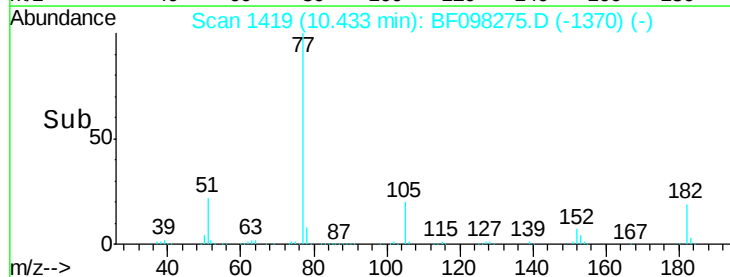
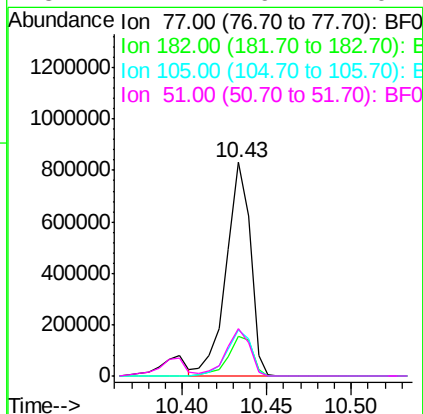
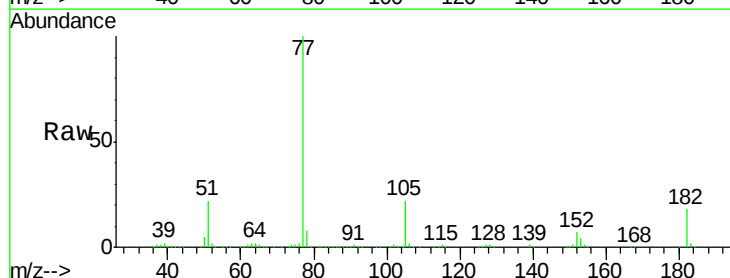
Instrument :
BNA_F
ClientSampleId :
PB102074BS

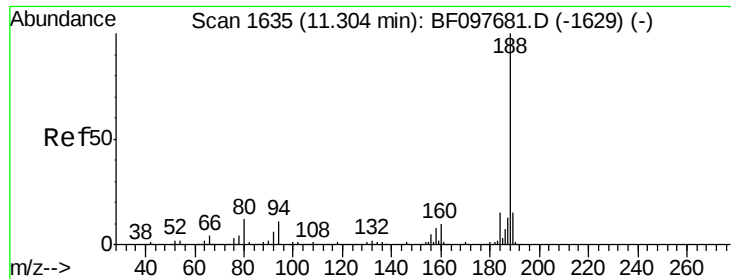
Tot Ion:138 Resp: 176837
Ion Ratio Lower Upper
138 100
92 55.9 21.8 61.8
108 74.2 42.3 82.3



#62
Azobenzene
Concen: 43.41 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion: 77 Resp: 819097
Ion Ratio Lower Upper
77 100
182 18.4 0.1 40.1
105 21.7 3.6 43.6
51 22.4 9.4 49.4

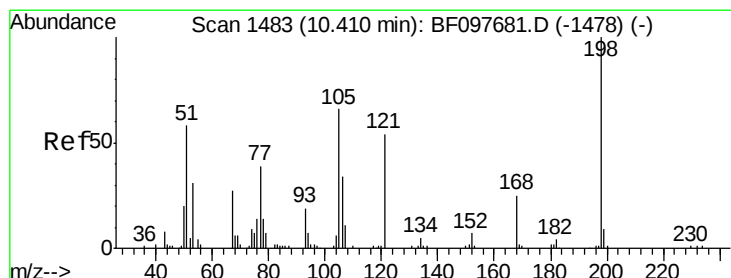
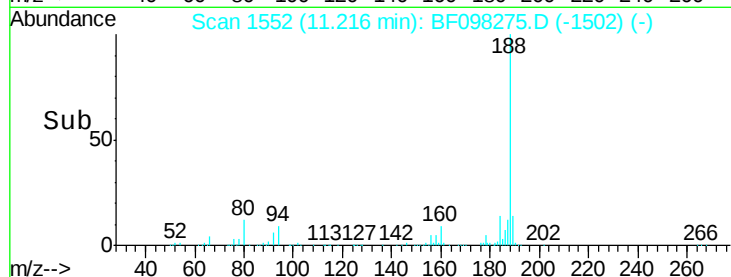
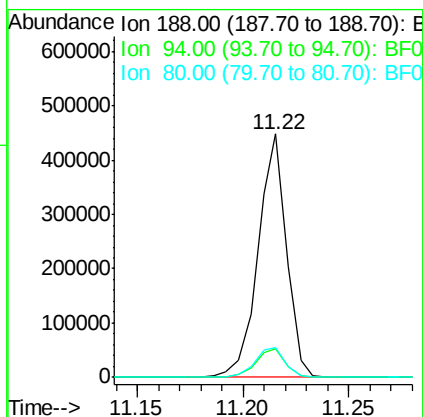
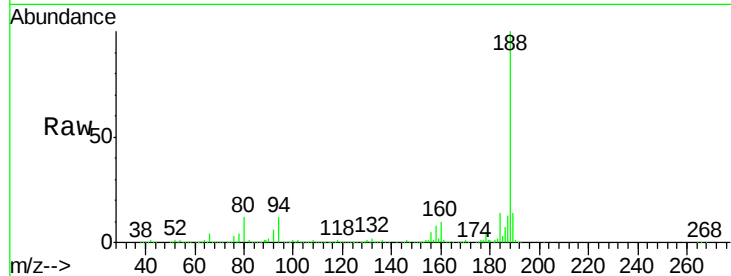




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

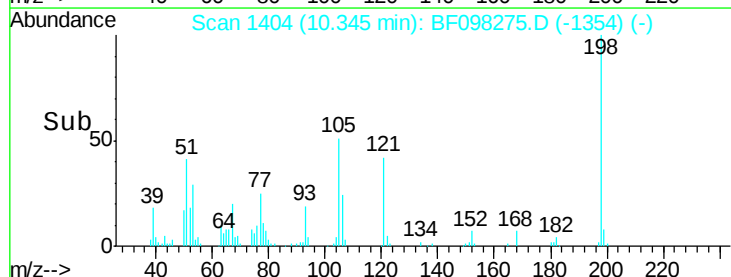
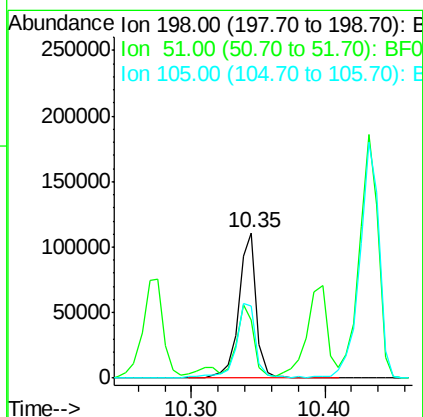
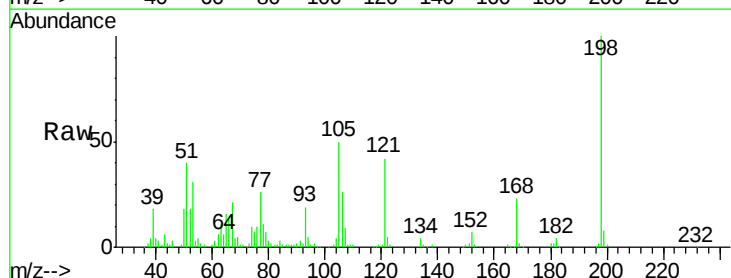
Instrument :
BNA_F
ClientSampleId :
PB102074BS

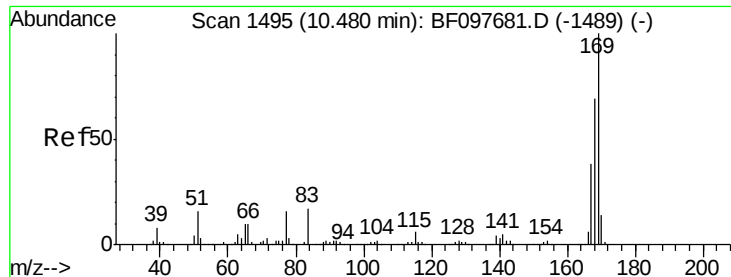
Tot Ion:188 Resp: 417925
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 12.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 51.12 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion:198 Resp: 101971
Ion Ratio Lower Upper
198 100
51 40.0 53.2 93.2#
105 49.7 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 39.84 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

PB102074BS

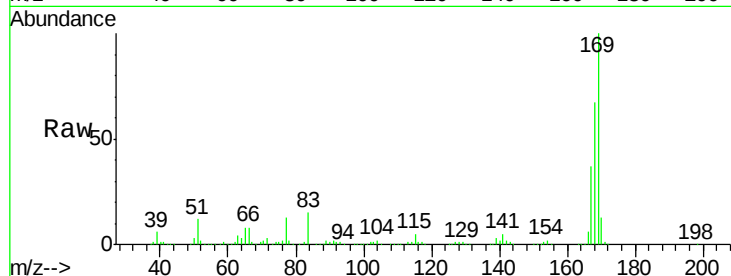
Tot Ion:169 Resp: 566922

Ion Ratio Lower Upper

169 100

168 67.2 53.2 79.8

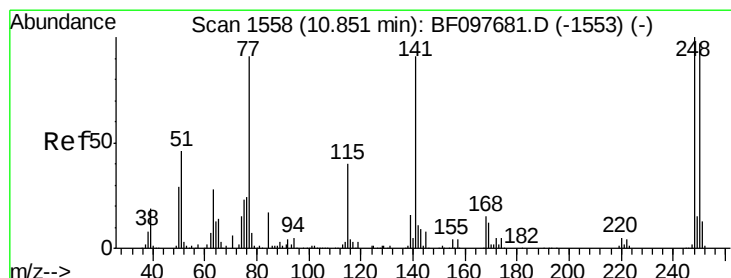
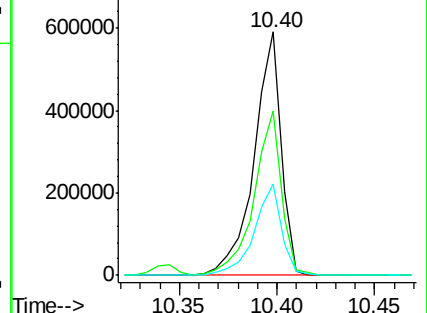
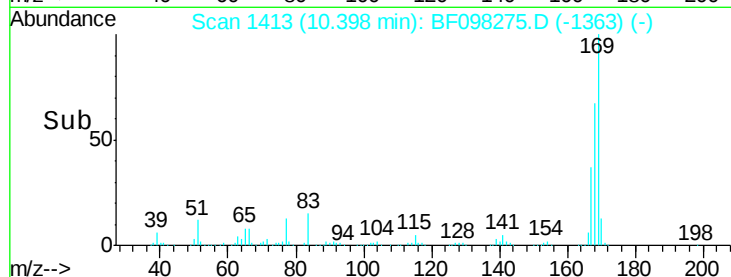
167 37.4 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.30 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

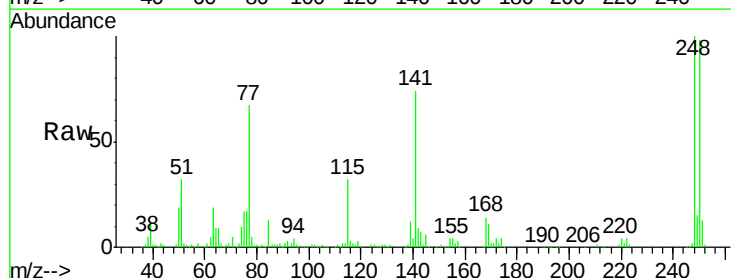
Tgt Ion:248 Resp: 179223

Ion Ratio Lower Upper

248 100

250 98.2 76.8 115.2

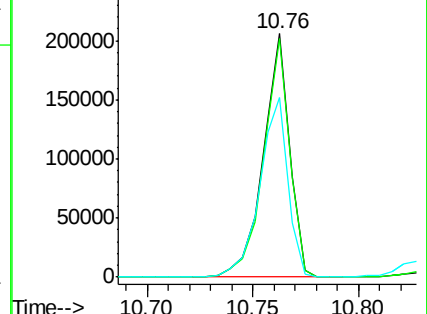
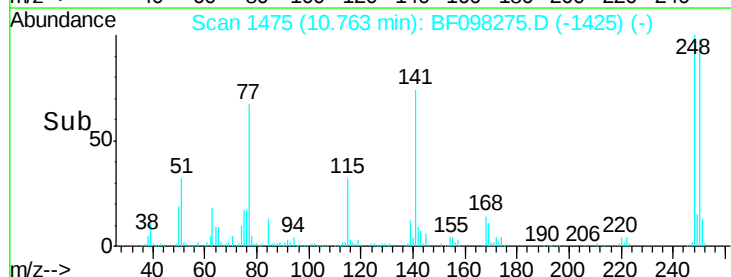
141 74.0 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

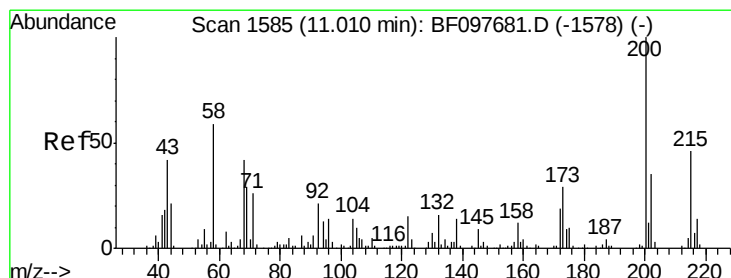
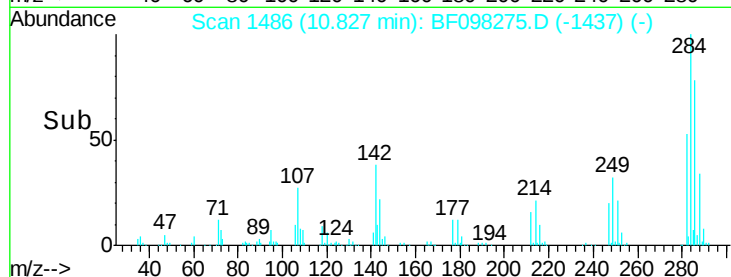
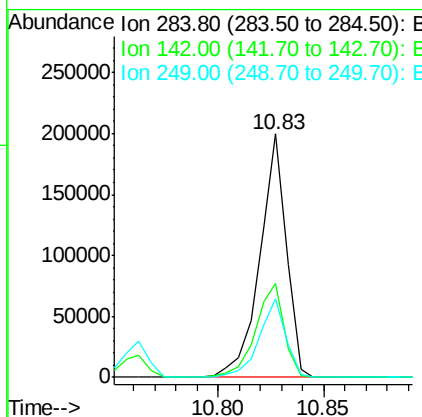
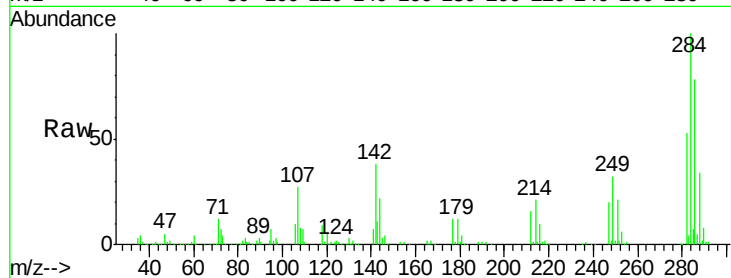




#67
Hexachlorobenzene
Concen: 39.53 ng
RT: 10.83 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

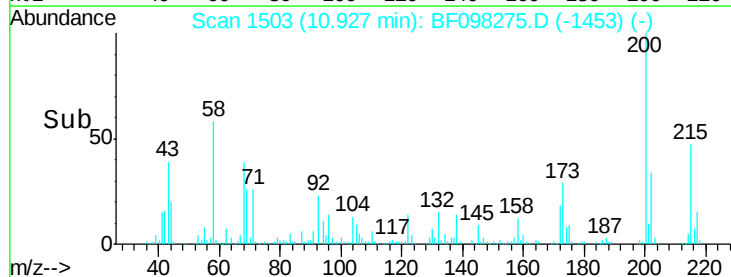
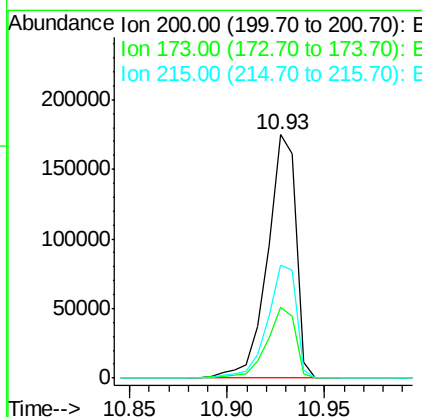
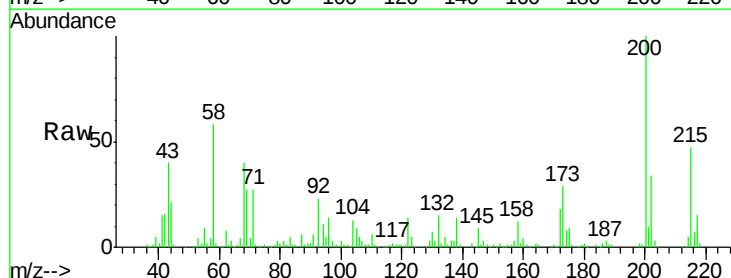
Instrument :
BNA_F
ClientSampleId :
PB102074BS

Tot Ion:284 Resp: 174864
Ion Ratio Lower Upper
284 100
142 38.3 22.8 34.2#
249 32.3 24.0 36.0



#68
Atrazine
Concen: 46.78 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion:200 Resp: 176565
Ion Ratio Lower Upper
200 100
173 29.0 6.3 46.3
215 46.6 27.2 67.2

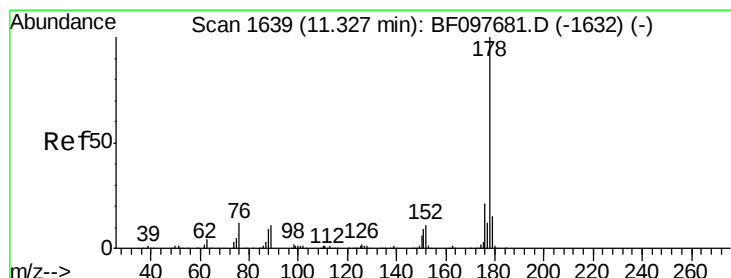
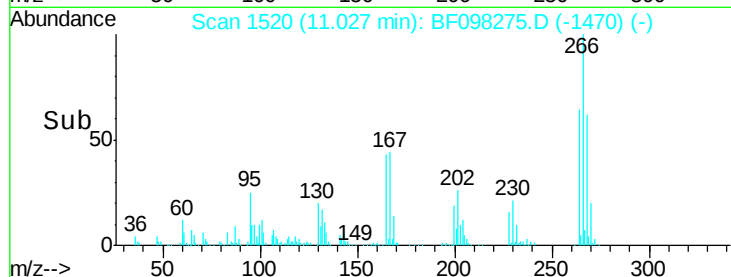
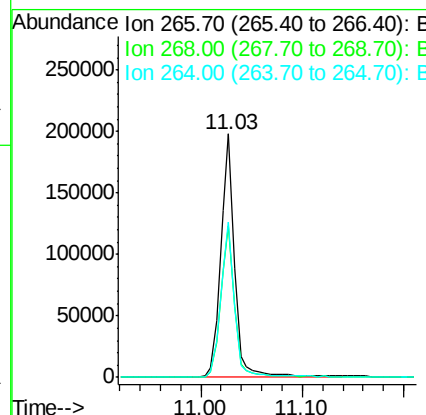
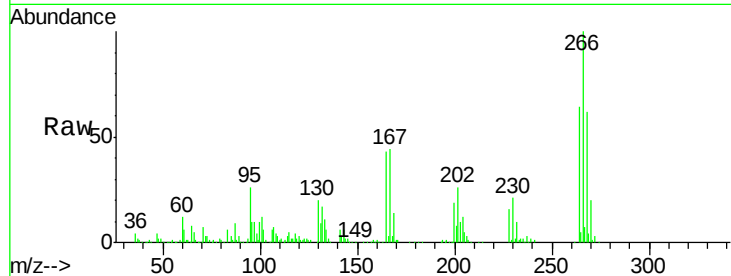




#69
 Pentachlorophenol
 Concen: 73.51 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

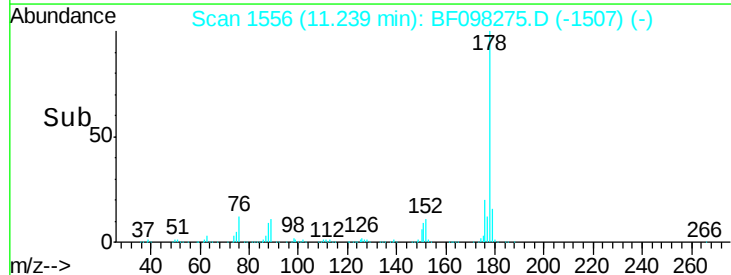
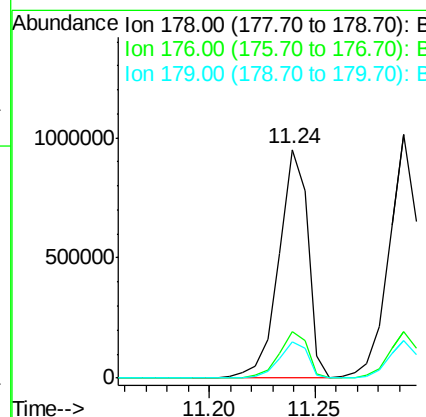
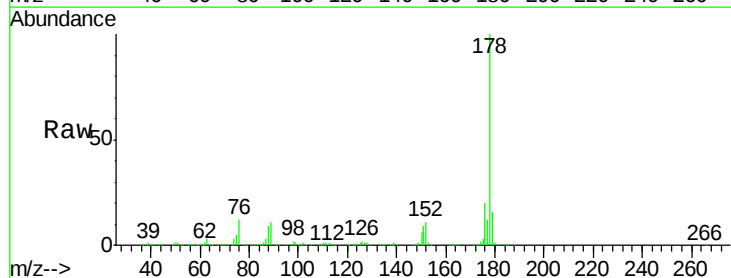
Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

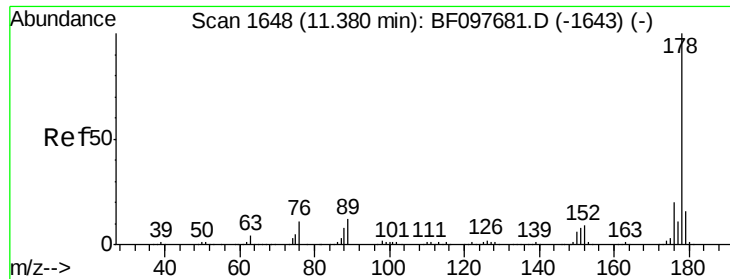
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	63.6	51.7	77.5



#70
 Phenanthrene
 Concen: 41.09 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	15.8	12.6	19.0





#71

Anthracene

Concen: 41.42 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

PB102074BS

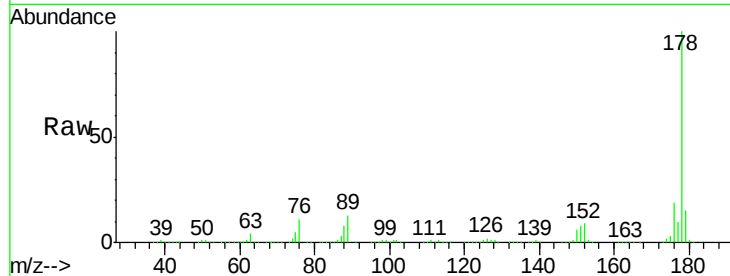
Tot Ion:178 Resp: 935606

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

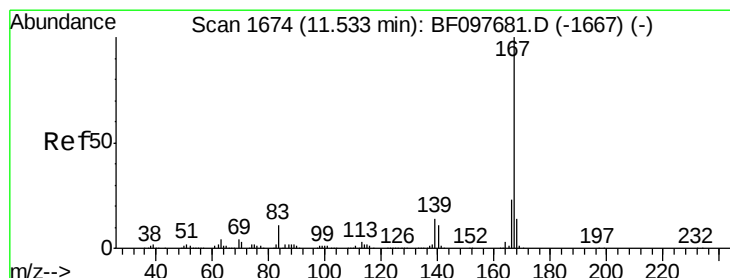
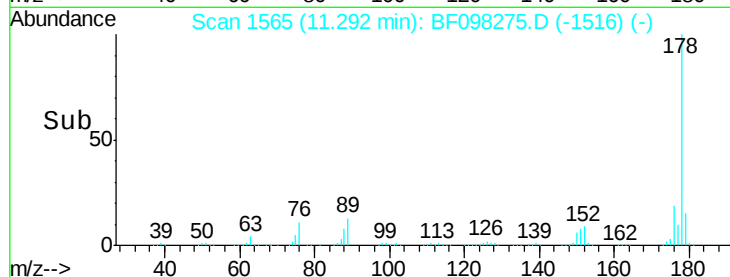
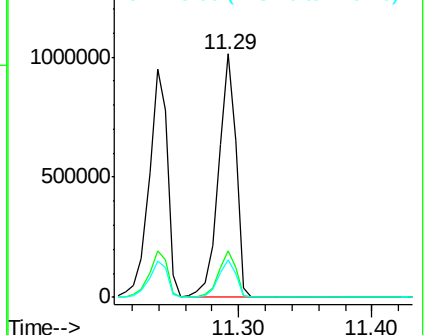
179 15.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.01 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

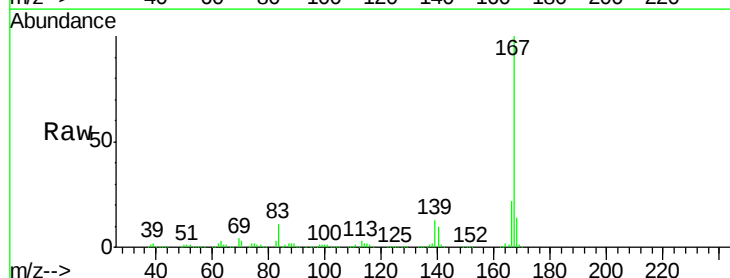
Tgt Ion:167 Resp: 900643

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

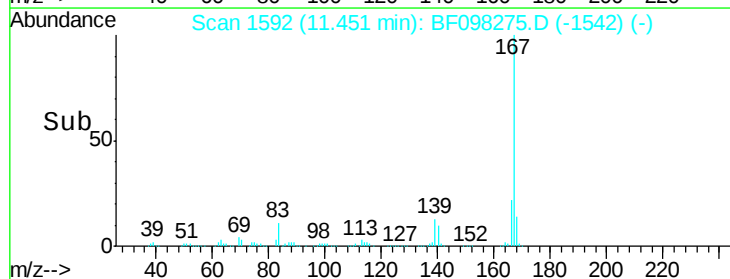
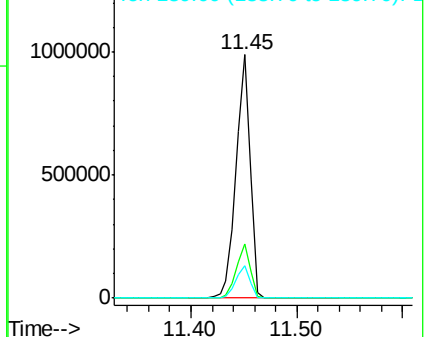
139 13.4 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.17 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

PB102074BS

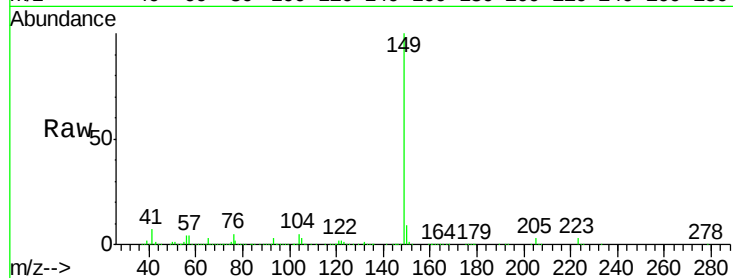
Tot Ion:149 Resp: 1140190

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

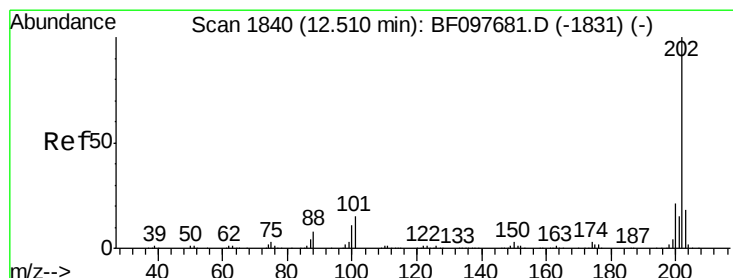
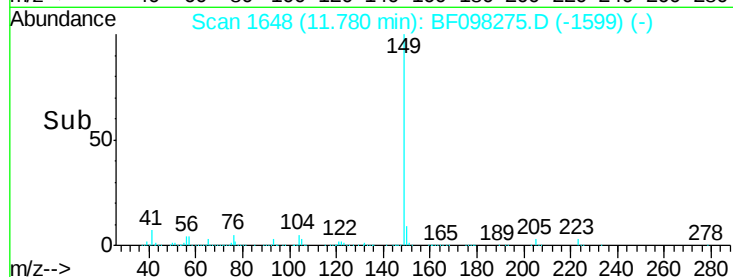
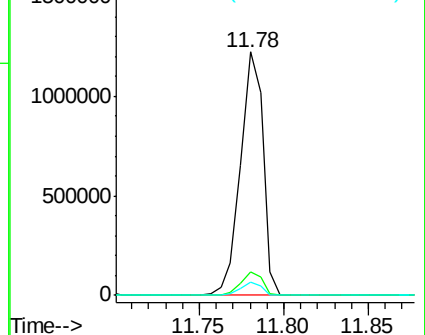
104 5.3 4.0 6.0



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: 43.23 ng

RT: 12.43 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

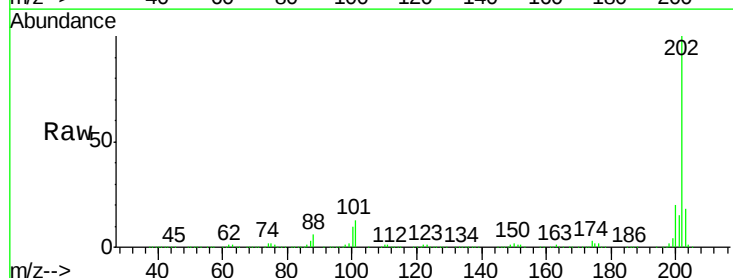
Tgt Ion:202 Resp: 1004799

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

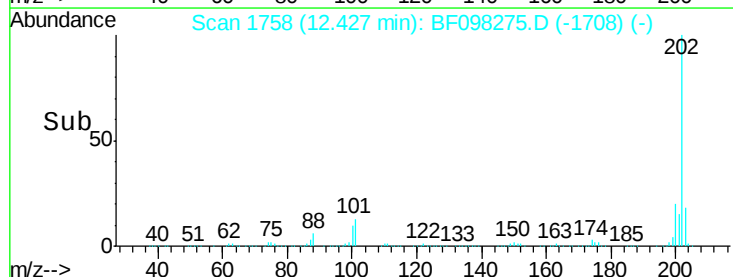
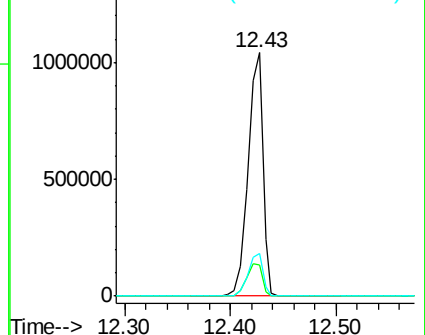
203 17.7 0.0 38.1

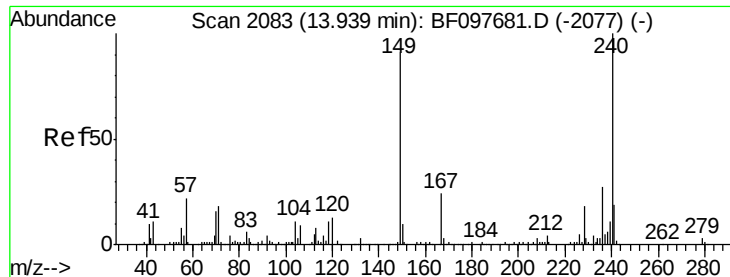


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

PB102074BS

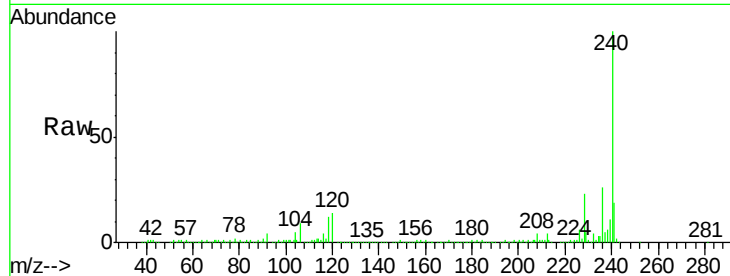
Tot Ion:240 Resp: 348012

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

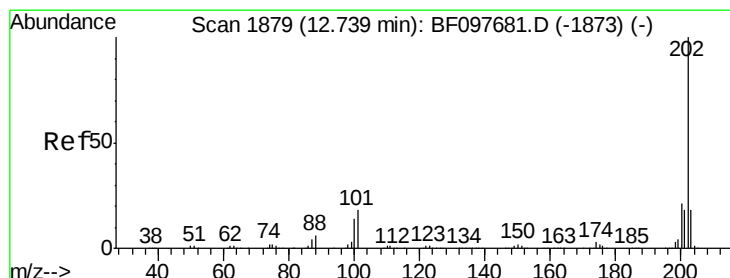
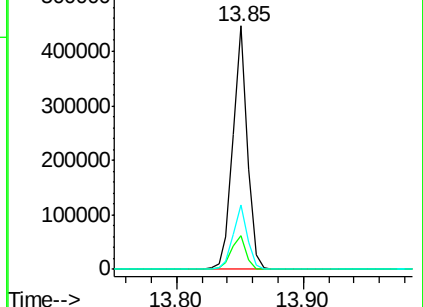
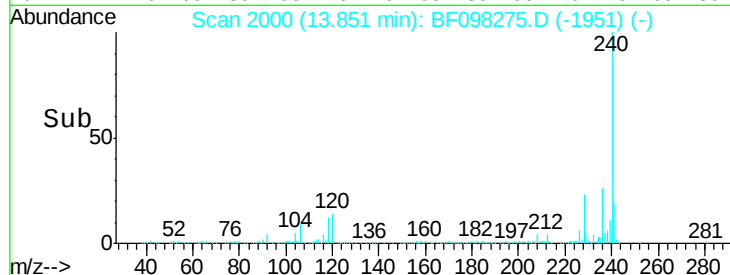
236 26.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 35.79 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

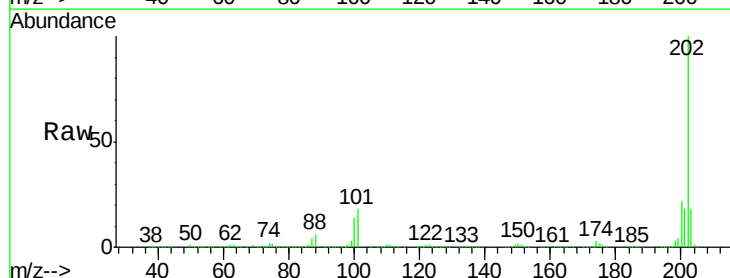
Tgt Ion:202 Resp: 1018834

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

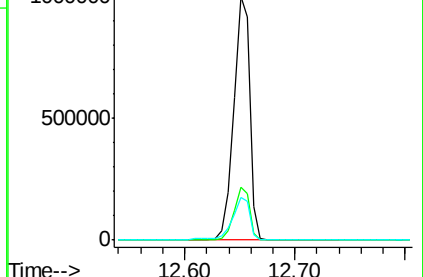
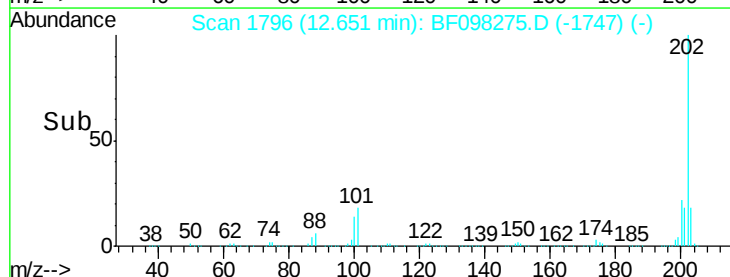
203 17.8 14.4 21.6

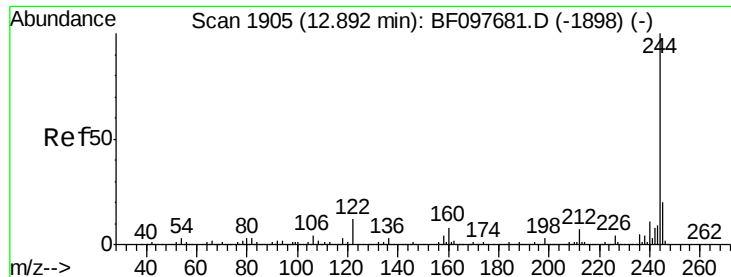


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 68.64 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

PB102074BS

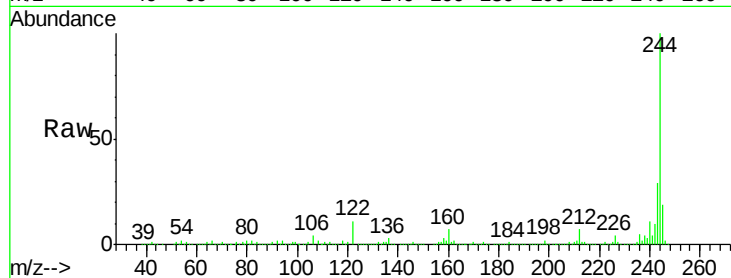
Tot Ion:244 Resp: 1145564

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

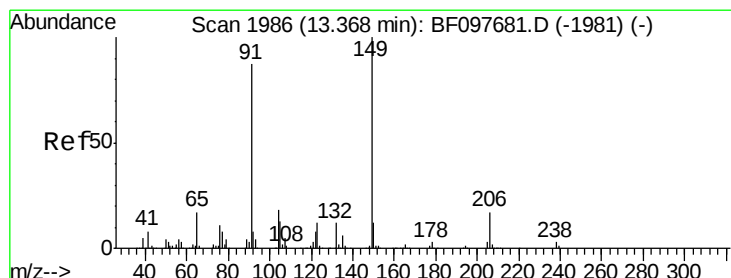
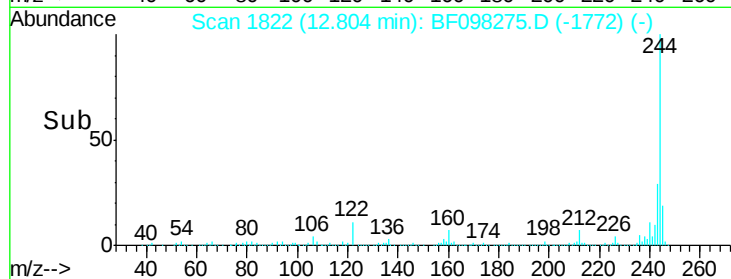
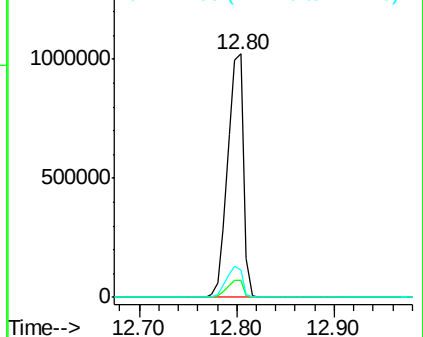
122 11.3 10.3 15.5



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: 45.07 ng

RT: 13.27 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

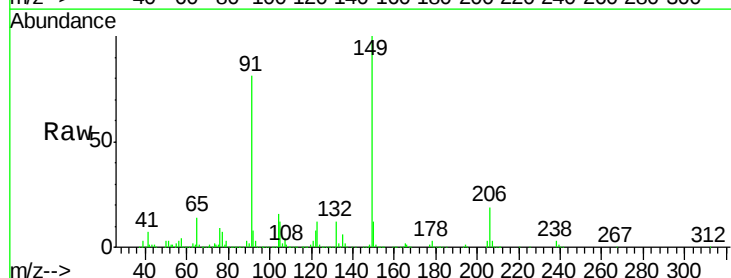
Tgt Ion:149 Resp: 491840

Ion Ratio Lower Upper

149 100

91 81.2 45.0 67.4#

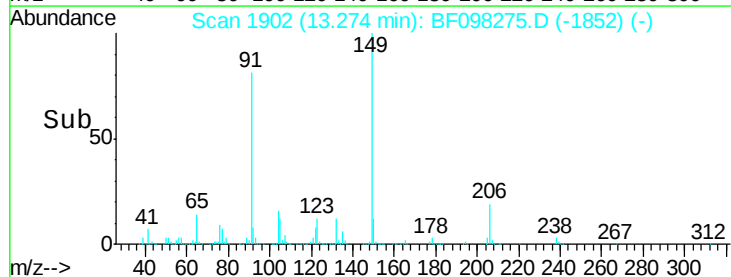
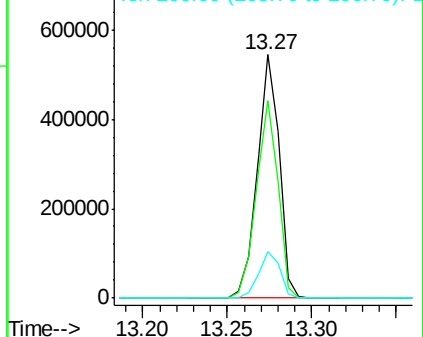
206 18.9 17.0 25.6

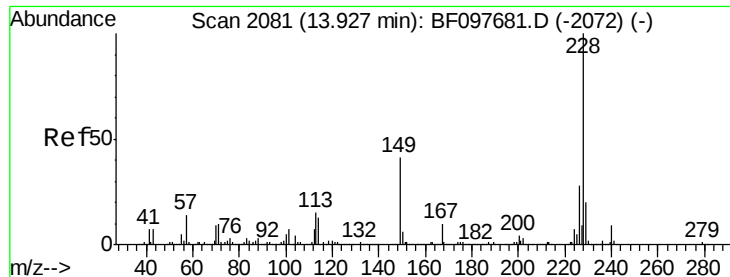


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

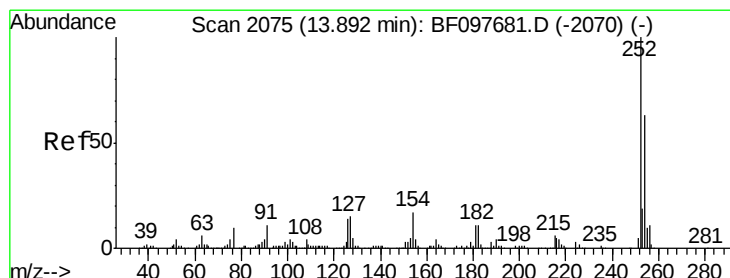
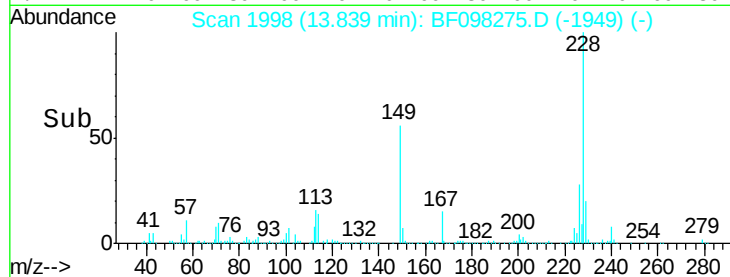
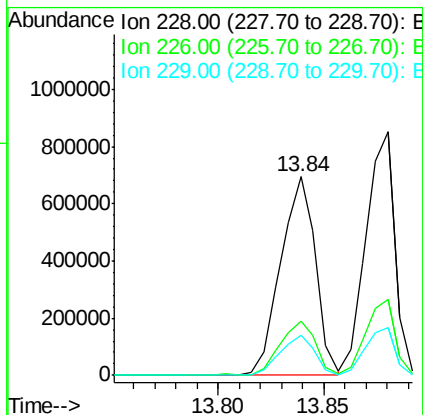
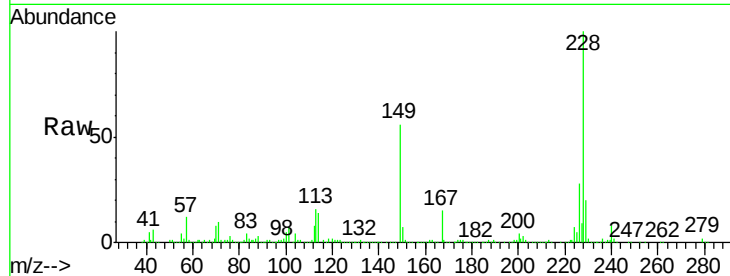




#80
Benzo(a)anthracene
Concen: 38.11 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

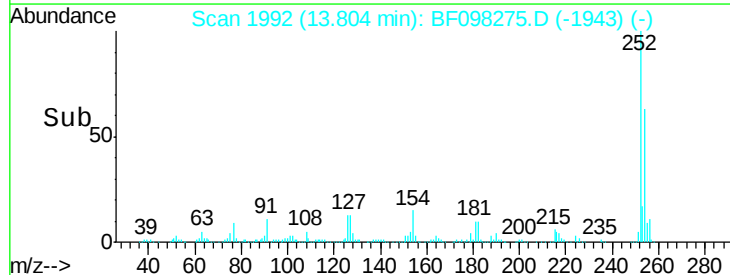
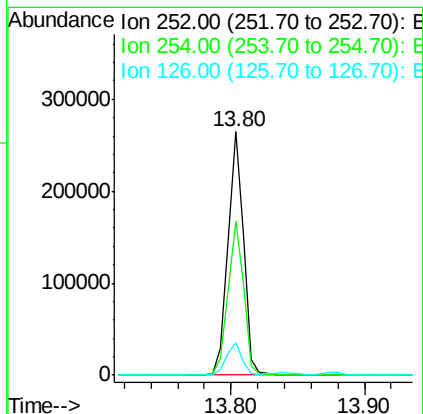
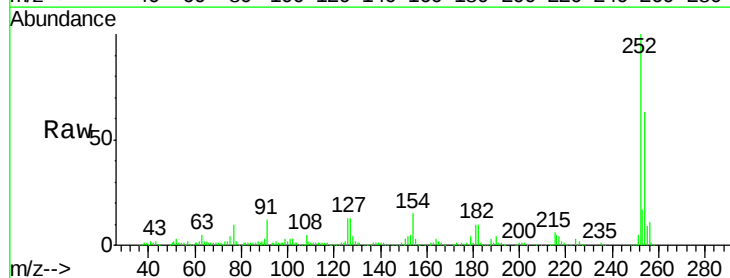
Instrument :
BNA_F
ClientSampleId :
PB102074BS

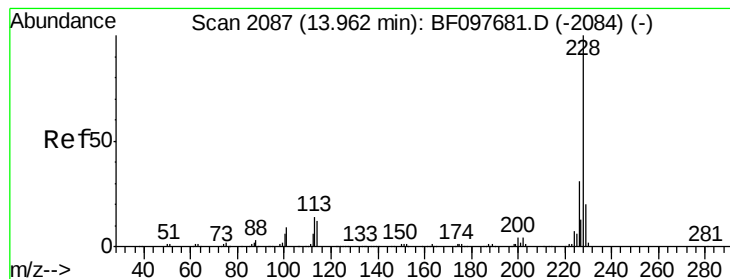
Tot Ion:228 Resp: 794929
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 20.3 16.3 24.5



#81
3,3'-Dichlorobenzidine
Concen: 31.24 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion:252 Resp: 219848
Ion Ratio Lower Upper
252 100
254 63.1 51.5 77.3
126 13.3 15.8 23.8#





#82

Chrysene

Concen: 39.39 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampled :

PB102074BS

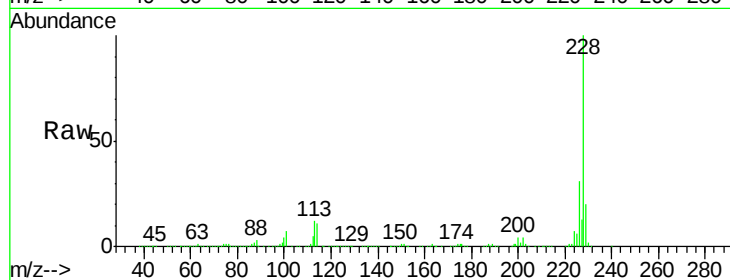
Tot Ion:228 Resp: 817374

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

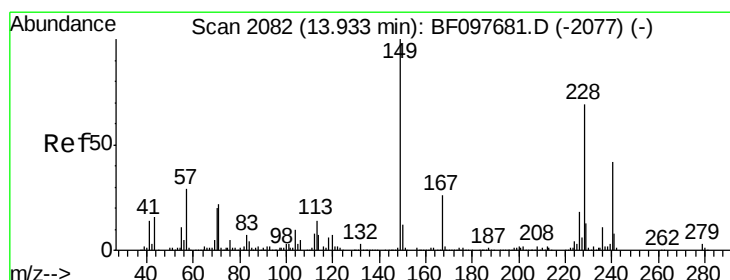
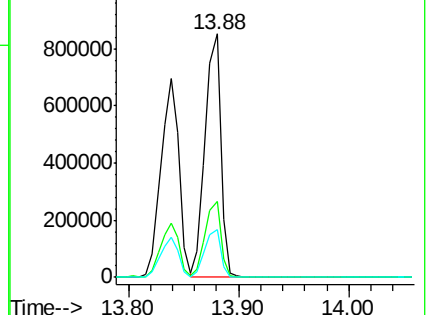
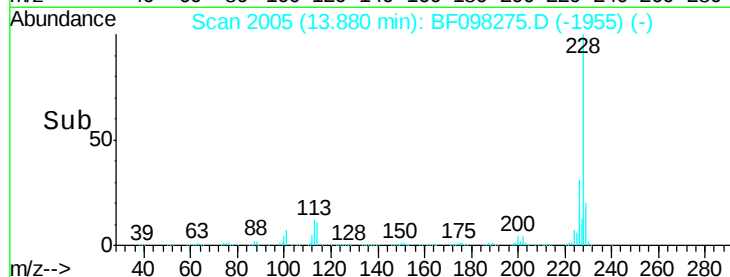
229 19.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 48.82 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

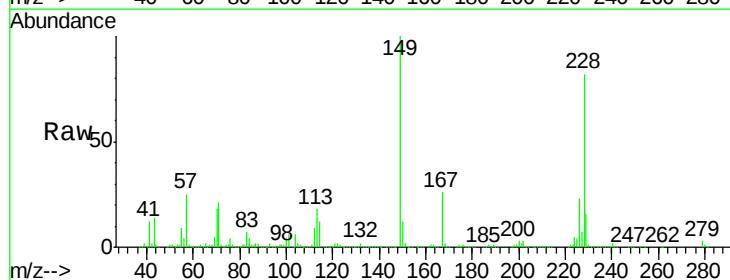
Tgt Ion:149 Resp: 590420

Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

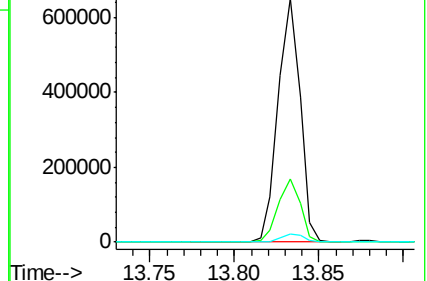
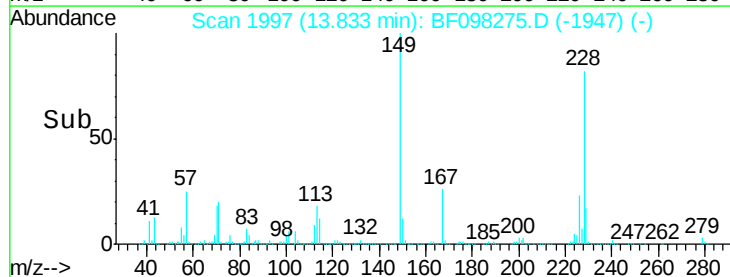
279 3.3 1.9 2.9#

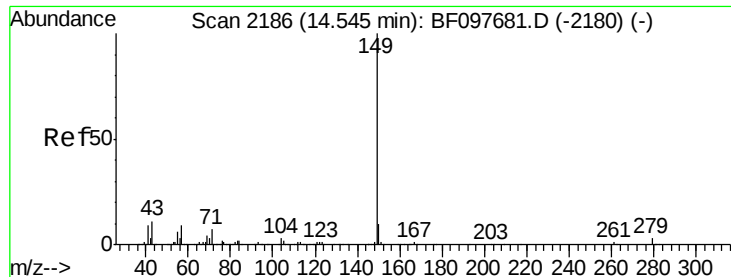


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

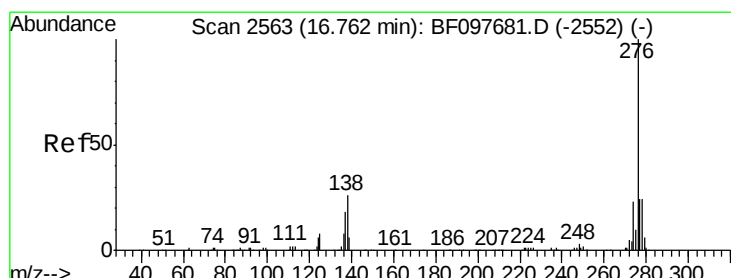
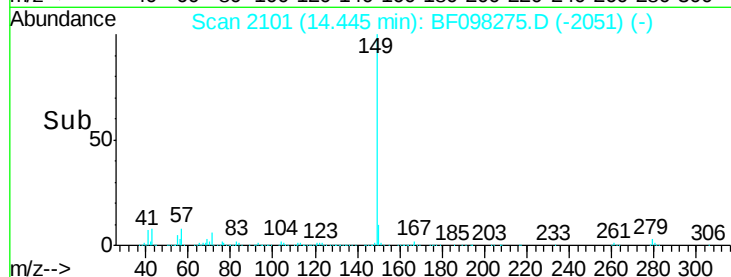
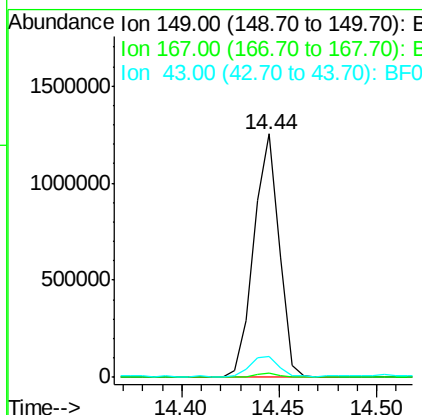
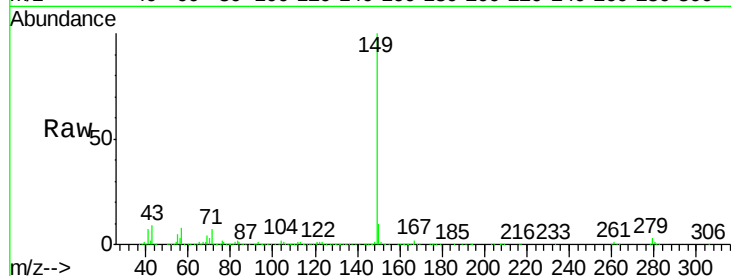




#84
Di-n-octyl phthalate
Concen: 53.26 ng
RT: 14.44 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

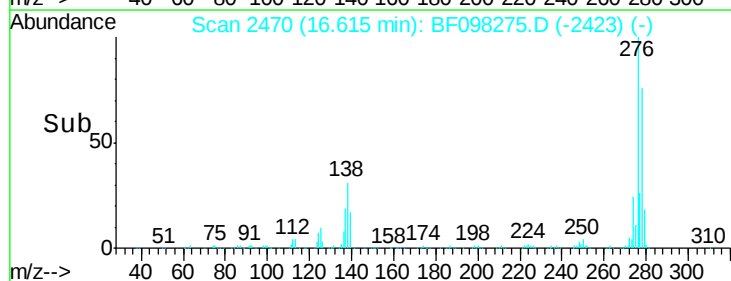
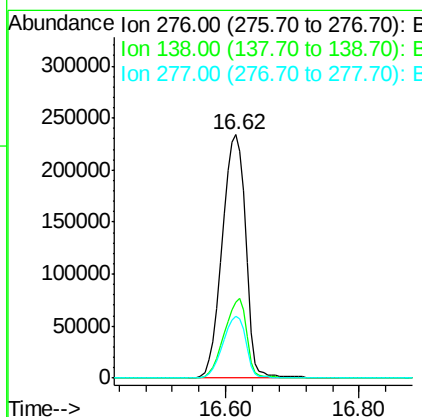
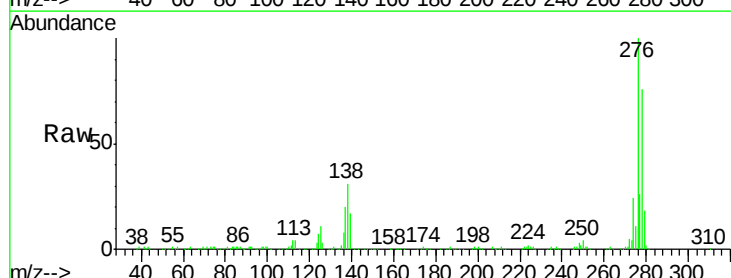
Instrument :
BNA_F
ClientSampleId :
PB102074BS

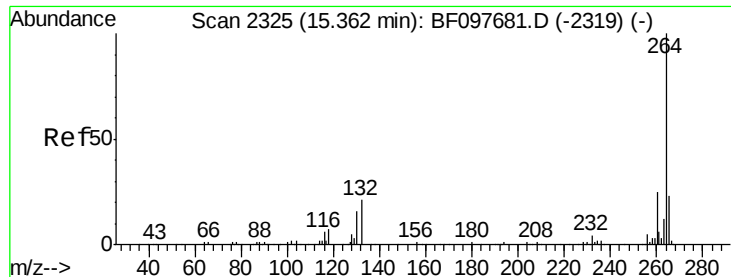
Tot Ion:149 Resp: 1120624
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.2 8.5 12.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 38.41 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.02 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion:276 Resp: 586268
Ion Ratio Lower Upper
276 100
138 31.4 27.8 41.6
277 25.1 20.2 30.4

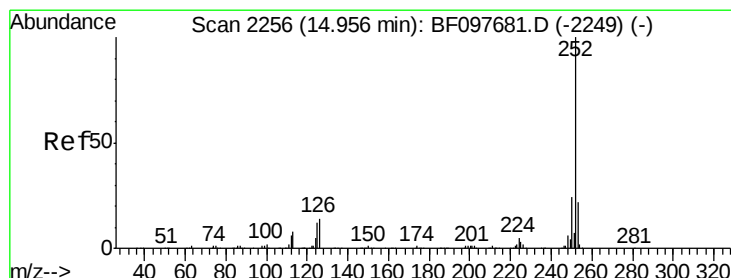
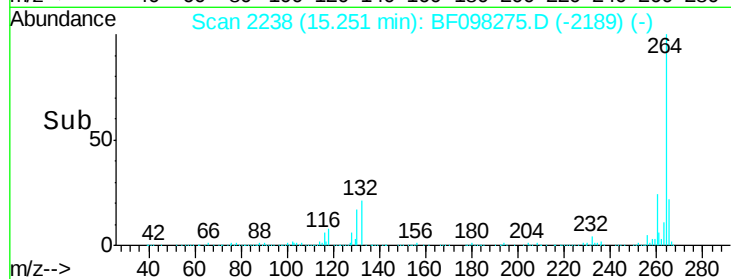
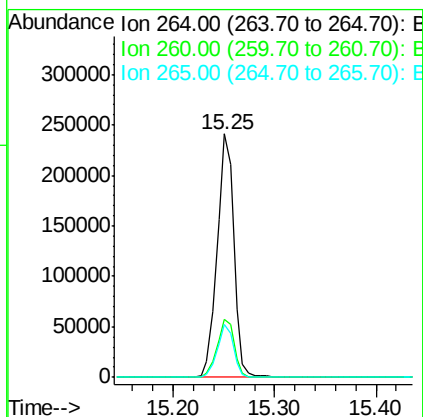
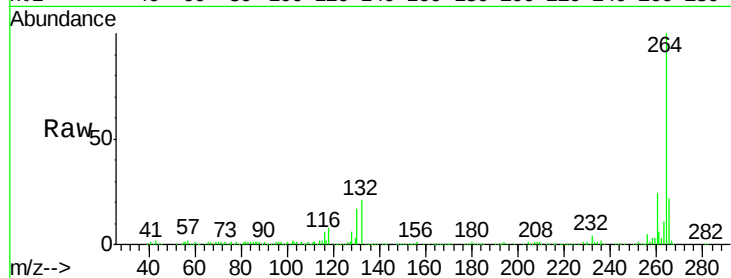




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

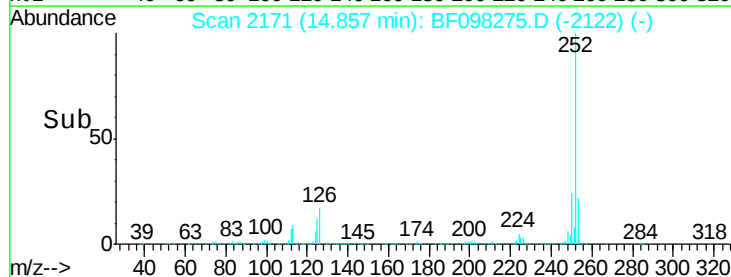
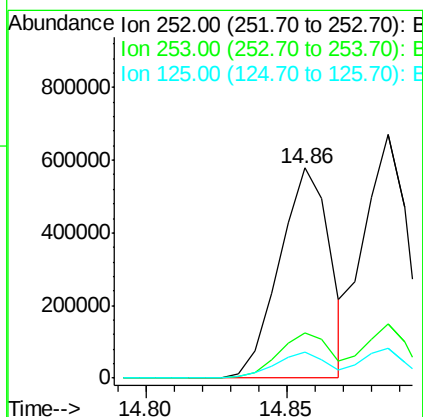
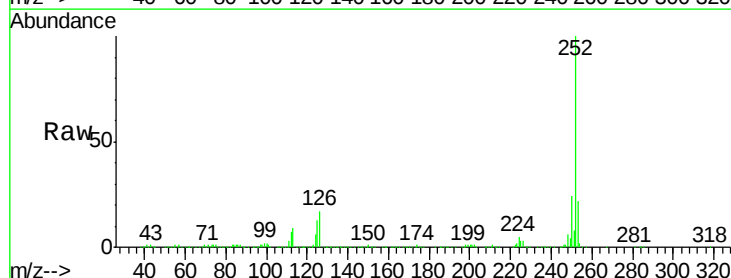
Instrument :
BNA_F
ClientSampleId :
PB102074BS

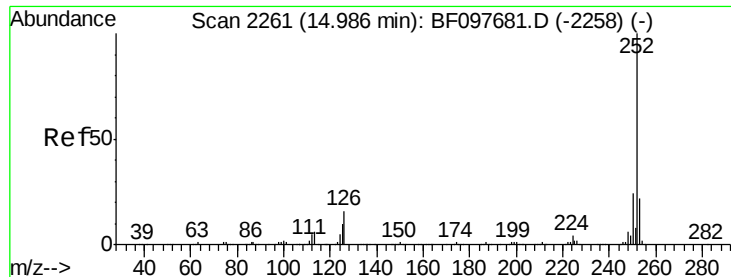
Tot Ion:264 Resp: 277295
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 21.6 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 41.14 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion:252 Resp: 719076
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 12.6 9.8 14.8

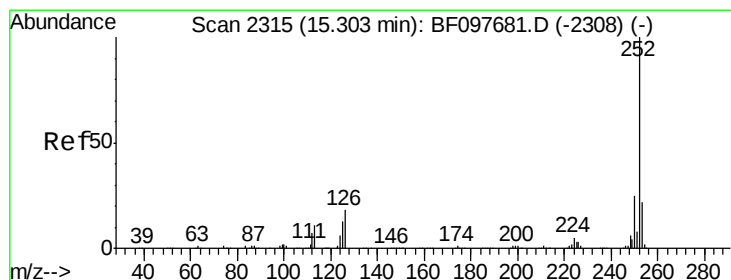
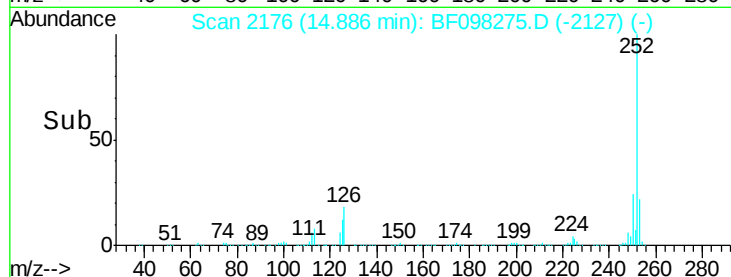
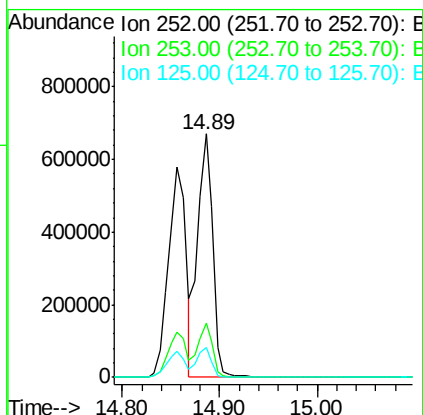
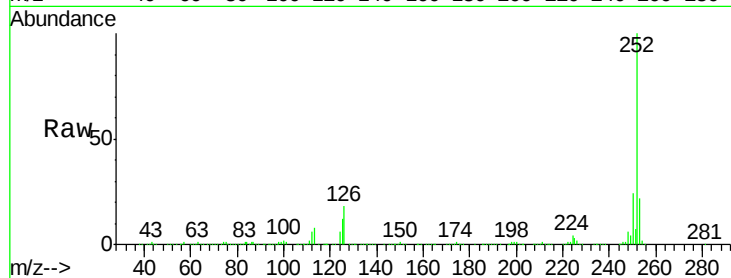




#88
Benzo(k)fluoranthene
Concen: 43.53 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

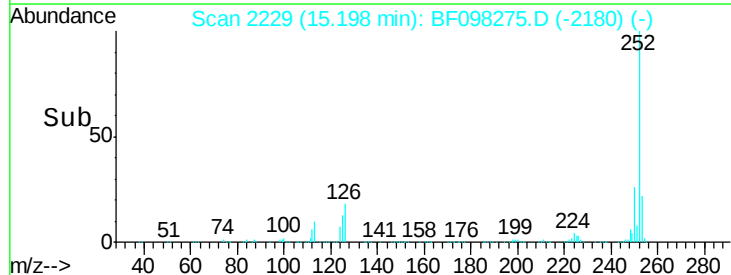
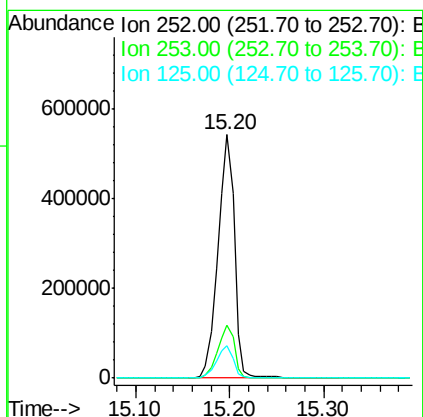
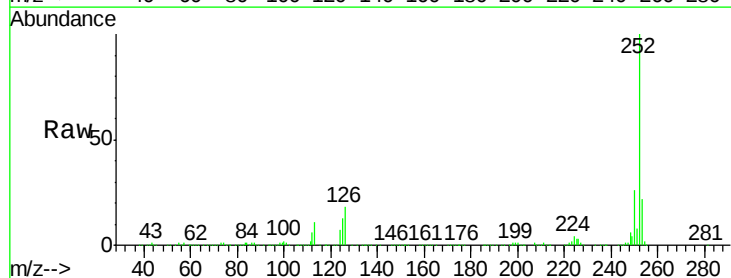
Instrument :
BNA_F
ClientSampleId :
PB102074BS

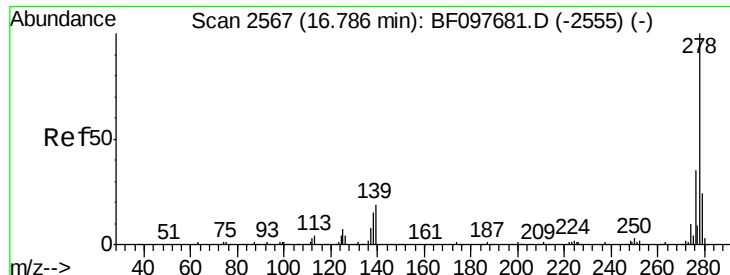
Tot Ion:252 Resp: 714839
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 12.4 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 43.21 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion:252 Resp: 668678
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 13.4 11.0 16.4

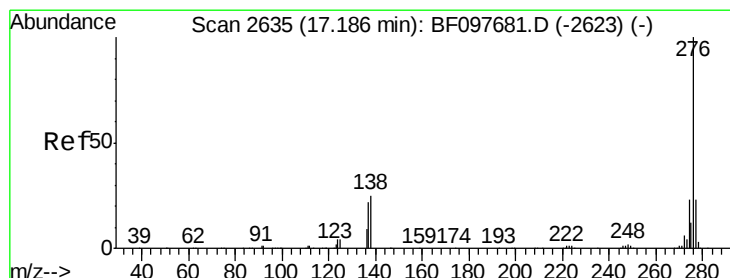
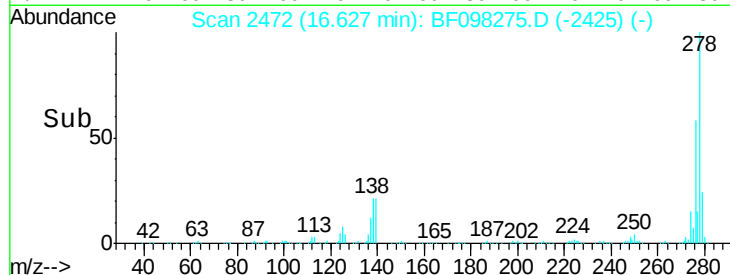
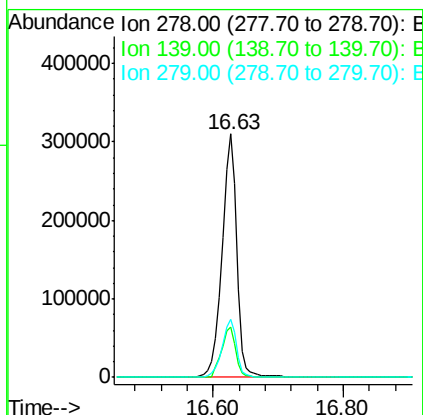
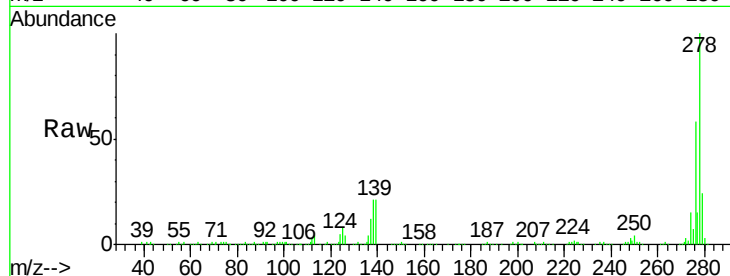




#90
Dibenzo(a,h)anthracene
Concen: 38.73 ng
RT: 16.63 min Scan# 2472
Delta R.T. -0.02 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PB102074BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.7	16.6	24.8
279	24.1	19.3	28.9



#91
Benzo(g,h,i)perylene
Concen: 37.24 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.03 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	25.7	25.4	38.0

