

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
 Data File : BF095928.D
 Acq On : 14 Jun 2017 18:09
 Operator : SJ/MA
 Sample : PB99714BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 01:06:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	70081	20.00	ng	-0.06
21) Naphthalene-d8	9.37	136	295368	20.00	ng	-0.06
38) Acenaphthene-d10	12.19	164	136917	20.00	ng	-0.06
63) Phenanthrene-d10	14.58	188	249481	20.00	ng	-0.06
75) Chrysene-d12	18.30	240	193374	20.00	ng	-0.05
86) Perylene-d12	19.97	264	153362	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	373086	84.83	ng	-0.05
7) Phenol-d6	6.90	99	445535	84.62	ng	-0.05
23) Nitrobenzene-d5	8.26	82	398882	83.87	ng	-0.06
41) 2,4,6-Tribromophenol	13.49	330	104175	86.00	ng	-0.06
44) 2-Fluorobiphenyl	11.15	172	805258	81.84	ng	-0.06
78) Terphenyl-d14	16.96	244	740922	95.09	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	1.72	88	65219	31.17	ng	# 92
3) Pyridine	2.26	79	163613	33.27	ng	97
4) n-Nitrosodimethylamine	2.23	42	69323	37.08	ng	82
6) Aniline	6.83	93	195195	28.34	ng	96
8) 2-Chlorophenol	7.02	128	200821	42.94	ng	97
9) Benzaldehyde	6.65	77	62071	17.48	ng	98
10) Phenol	6.92	94	237272	43.44	ng	91
11) bis(2-Chloroethyl)ether	6.98	93	180509	41.72	ng	94
12) 1,3-Dichlorobenzene	7.23	146	208538	39.40	ng	98
13) 1,4-Dichlorobenzene	7.36	146	214407	39.94	ng	98
14) 1,2-Dichlorobenzene	7.59	146	202576	40.94	ng	95
15) Benzyl Alcohol	7.65	79	158459	43.85	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.83	45	246554	40.56	ng	94
17) 2-Methylphenol	7.87	107	165011	42.05	ng	94
18) Hexachloroethane	8.11	117	73557	41.49	ng	# 85
19) n-Nitroso-di-n-propylamine	8.07	70	138960	41.65	ng	93
20) 3+4-Methylphenols	8.14	107	212872	42.73	ng	# 58
22) Acetophenone	8.03	105	275550	39.86	ng	# 84
24) Nitrobenzene	8.29	77	192449	37.88	ng	93
25) Isophorone	8.69	82	354460	39.92	ng	96
26) 2-Nitrophenol	8.80	139	109309	41.09	ng	99
27) 2,4-Dimethylphenol	8.95	122	177113	42.90	ng	97
28) bis(2-Chloroethoxy)methane	9.07	93	232174	39.66	ng	98
29) 2,4-Dichlorophenol	9.23	162	162885	40.97	ng	99
30) 1,2,4-Trichlorobenzene	9.30	180	164944	39.87	ng	98
31) Naphthalene	9.40	128	573603	38.70	ng	99
32) Benzoic acid	9.33	122	94131	37.71	ng	94
33) 4-Chloroaniline	9.56	127	116651	20.13	ng	# 92
34) Hexachlorobutadiene	9.62	225	84430	39.49	ng	97
35) Caprolactam	10.19	113	28494	24.08	ng	# 87
36) 4-Chloro-3-methylphenol	10.44	107	179428	43.11	ng	89
37) 2-Methylnaphthalene	10.53	142	397786	39.72	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.81	216	157911	38.54	ng	99
40) Hexachlorocyclopentadiene	10.78	237	83852	67.35	ng	99

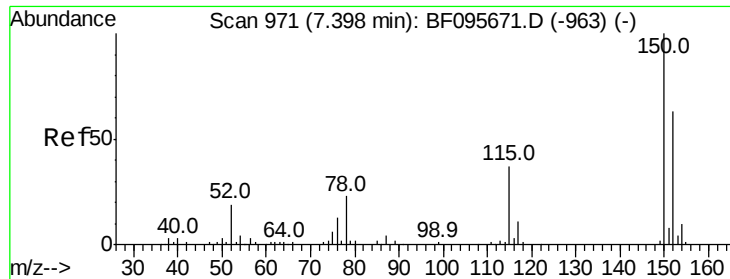
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
 Data File : BF095928.D
 Acq On : 14 Jun 2017 18:09
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.04	196	107939	40.97	nq	97
43) 2,4,5-Trichlorophenol	11.13	196	100313	35.80	nq	94
45) 1,1'-Biphenyl	11.30	154	452053	40.06	nq	98
46) 2-Chloronaphthalene	11.31	162	349715	39.66	nq	95
47) 2-Nitroaniline	11.53	65	104288	40.42	nq	# 80
48) Acenaphthylene	11.96	152	557527	36.98	nq	98
49) Dimethylphthalate	11.86	163	433656	41.72	nq	98
50) 2,6-Dinitrotoluene	11.95	165	92212	40.67	nq	# 75
51) Acenaphthene	12.24	154	333913	38.35	nq	99
52) 3-Nitroaniline	12.22	138	66000	24.98	nq	93
53) 2,4-Dinitrophenol	12.44	184	96693	75.69	nq	# 65
54) Dibenzofuran	12.53	168	517532	42.23	nq	97
55) 4-Nitrophenol	12.63	139	97660	64.28	nq	# 74
56) 2,4-Dinitrotoluene	12.62	165	134074	43.78	nq	# 91
57) Fluorene	13.09	166	415003	38.91	nq	97
58) 2,3,4,6-Tetrachlorophenol	12.79	232	86091	44.90	nq	# 95
59) Diethylphthalate	13.00	149	428011	42.78	nq	99
60) 4-Chlorophenyl-phenylether	13.11	204	187021	40.32	nq	92
61) 4-Nitroaniline	13.22	138	98256	39.83	nq	97
62) Azobenzene	13.37	77	392553	43.29	nq	95
64) 4,6-Dinitro-2-methylphenol	13.30	198	65740	40.09	nq	# 69
65) n-Nitrosodiphenylamine	13.33	169	362343	40.42	nq	99
66) 4-Bromophenyl-phenylether	13.89	248	108139	41.71	nq	98
67) Hexachlorobenzene	13.97	284	107687	42.15	nq	# 87
68) Atrazine	14.26	200	113318	45.42	nq	98
69) Pentachlorophenol	14.34	266	57305	60.87	nq	97
70) Phenanthrene	14.62	178	596280	41.42	nq	99
71) Anthracene	14.71	178	615181	40.94	nq	98
72) Carbazole	15.01	167	567761	38.77	nq	97
73) Di-n-butylphthalate	15.60	149	705748	45.30	nq	98
74) Fluoranthene	16.40	202	609723	42.80	nq	98
76) Benzidine	16.63	184	250415	33.72	nq	# 92
77) Pyrene	16.70	202	619214	42.92	nq	99
79) Butylbenzylphthalate	17.63	149	293559	46.59	nq	# 87
80) Benzo(a)anthracene	18.29	228	477247	42.45	nq	98
81) 3,3'-Dichlorobenzidine	18.28	252	92798	23.22	nq	# 96
82) Chrysene	18.34	228	458680	40.82	nq	99
83) Bis(2-ethylhexyl)phthalate	18.38	149	418271	47.06	nq	# 99
84) Di-n-octyl phthalate	19.14	149	681903	46.56	nq	96
85) Indeno(1,2,3-cd)pyrene	21.13	276	353886	36.81	nq	99
87) Benzo(b)fluoranthene	19.56	252	409540	42.65	nq	97
88) Benzo(k)fluoranthene	19.59	252	383011	41.73	nq	96
89) Benzo(a)pyrene	19.91	252	362099	41.02	nq	99
90) Dibenzo(a,h)anthracene	21.13	278	296879	39.65	nq	96
91) Benzo(g,h,i)perylene	21.46	276	302755	39.66	nq	99

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

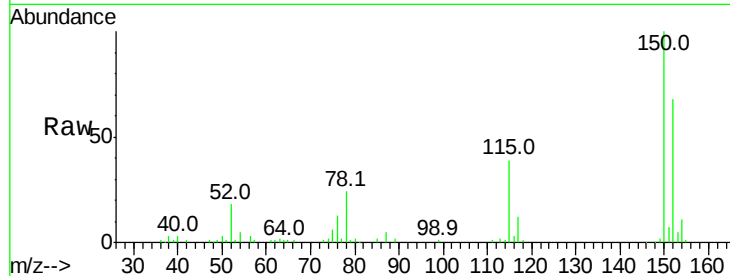


#1

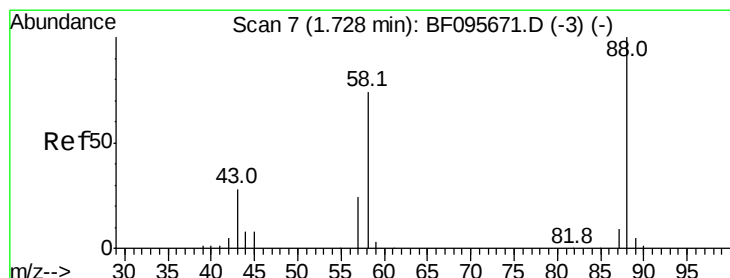
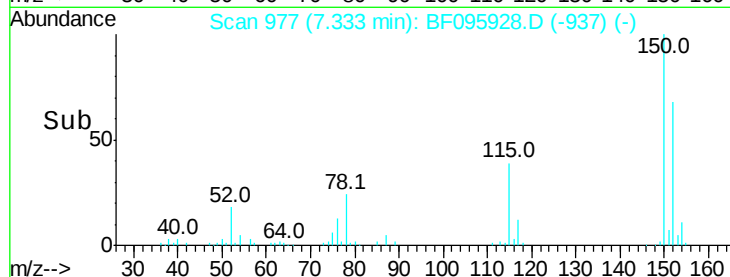
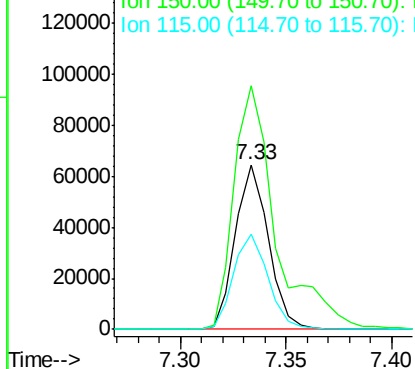
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 977
Delta R.T. -0.06 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70081
Ion Ratio Lower Upper
152 100
150 147.7 126.2 189.2
115 58.0 52.2 78.2



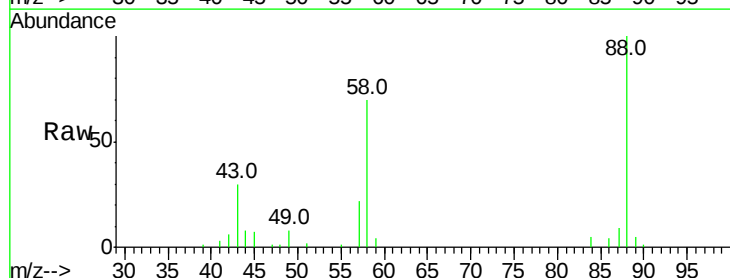
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



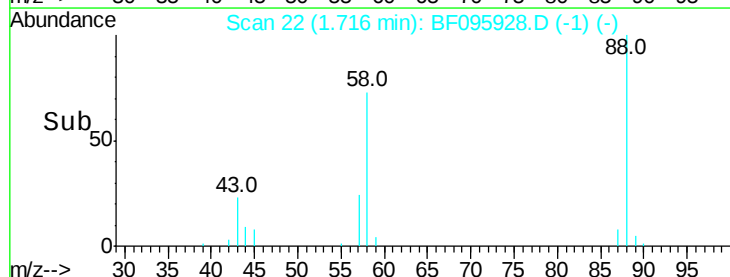
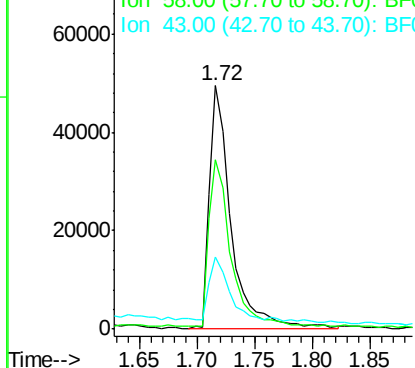
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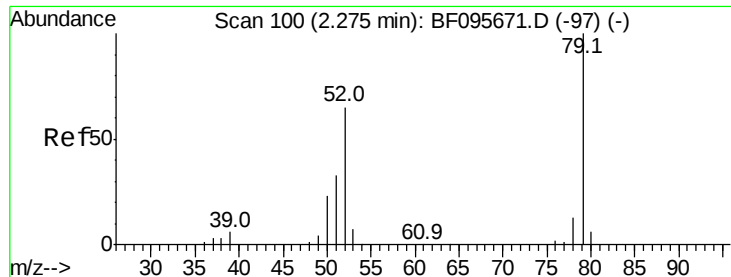
1,4-Dioxane
Concen: 31.17 ng
RT: 1.72 min Scan# 22
Delta R.T. -0.01 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

Tgt Ion: 88 Resp: 65219
Ion Ratio Lower Upper
88 100
58 71.3 61.4 92.0
43 22.5 23.4 35.0#



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

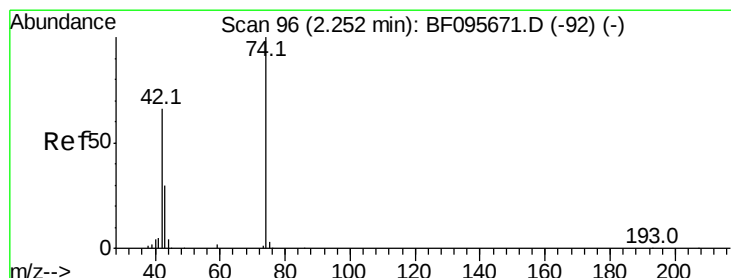
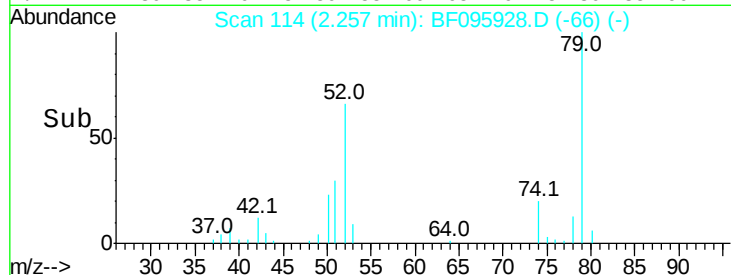
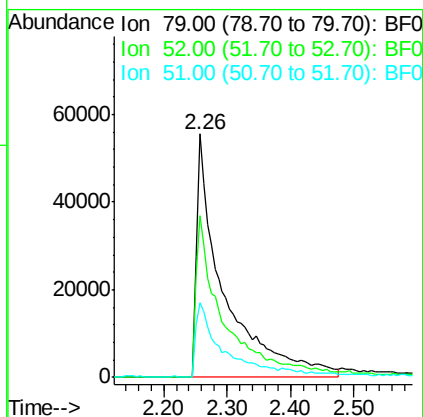
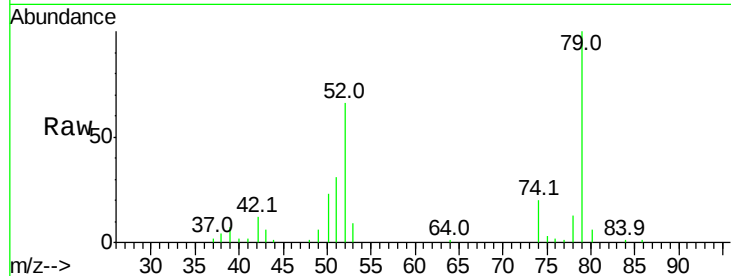




#3
 Pvridine
 Concen: 33.27 ng
 RT: 2.26 min Scan# 114
 Delta R.T. -0.02 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

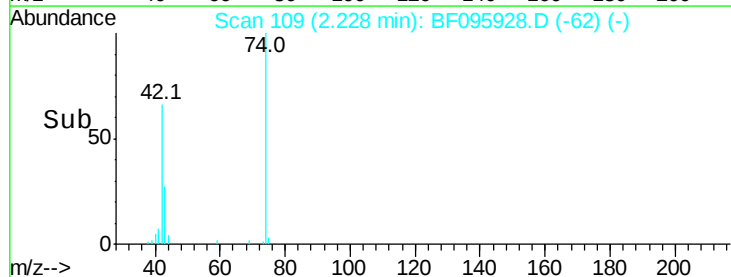
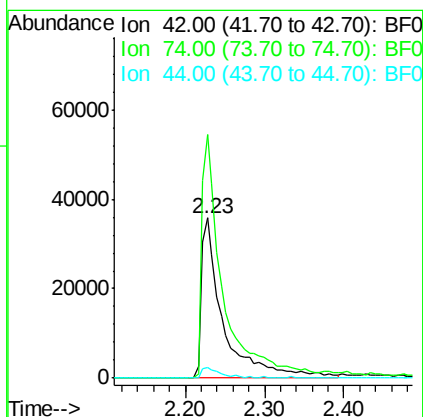
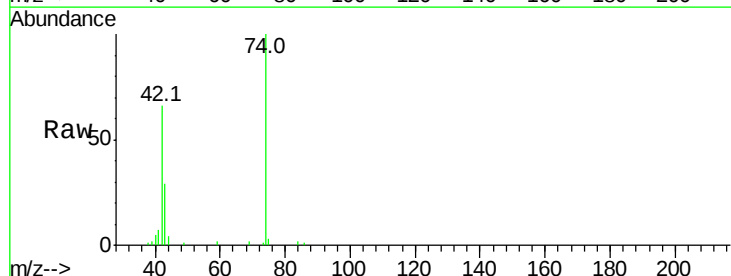
Instrument :
 BNA_F
 ClientSampled :

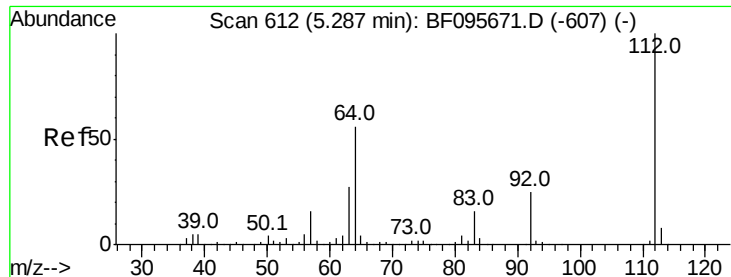
Tot Ion: 79 Resp: 163613
 Ion Ratio Lower Upper
 79 100
 52 66.5 54.8 82.2
 51 30.7 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 37.08 ng
 RT: 2.23 min Scan# 109
 Delta R.T. -0.02 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Tgt Ion: 42 Resp: 69323
 Ion Ratio Lower Upper
 42 100
 74 152.3 103.9 155.9
 44 6.8 5.7 8.5





#5

2-Fluorophenol

Concen: 84.83 ng

RT: 5.24 min Scan# 621

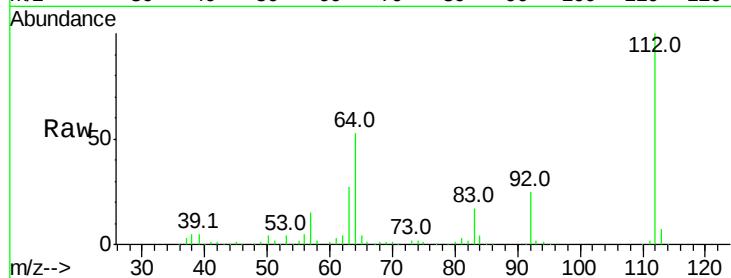
Delta R.T. -0.05 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

Instrument :
BNA_F
ClientSampled :

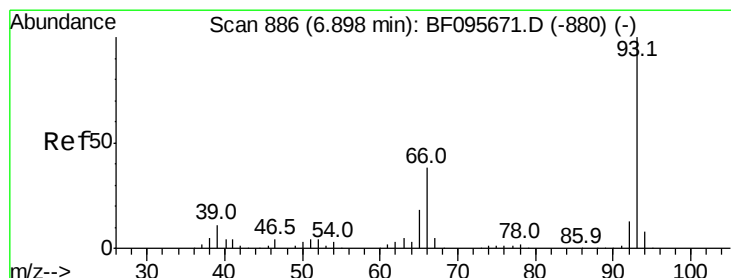
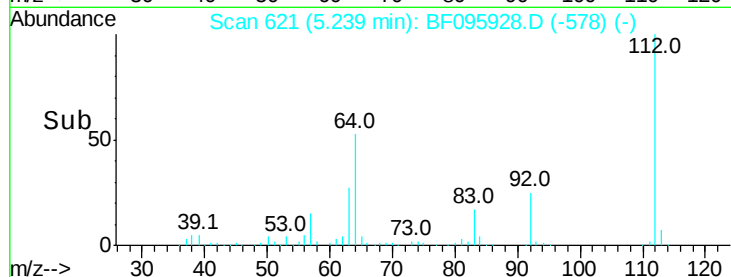
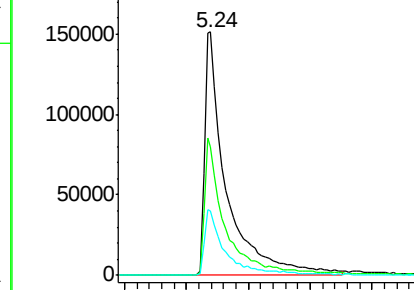
Tot Ion:	112	Resp:	373086
Ion	Ratio	Lower	Upper
112	100		
64	52.6	46.0	69.0
63	26.5	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.34 ng

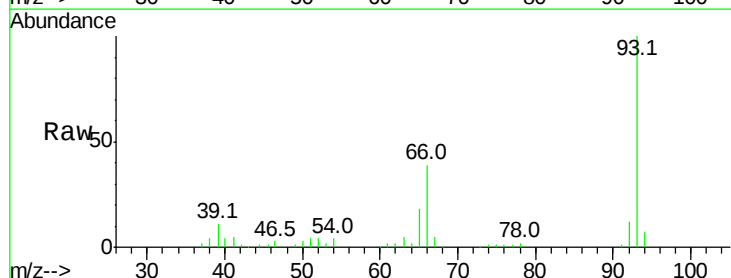
RT: 6.83 min Scan# 892

Delta R.T. -0.06 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

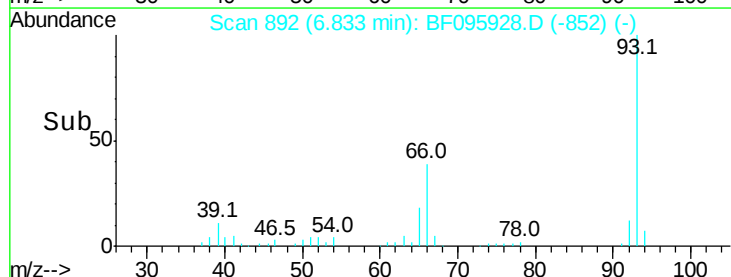
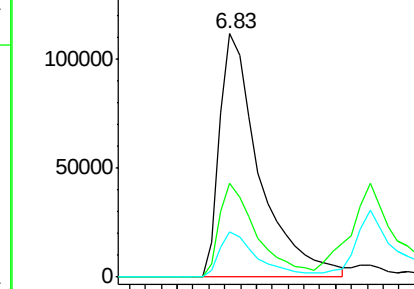
Tgt Ion:	93	Resp:	195195
Ion	Ratio	Lower	Upper
93	100		
66	38.5	32.9	49.3
65	18.5	16.0	24.0

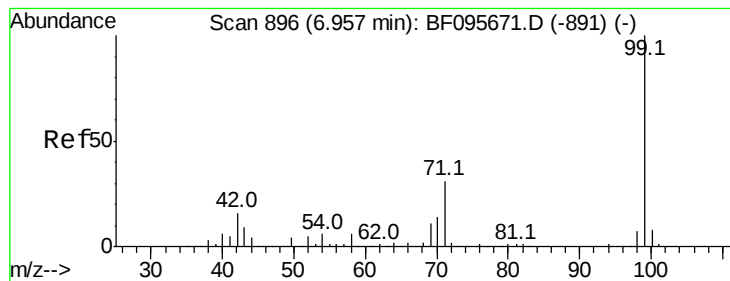


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.62 ng

RT: 6.90 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

Instrument :

BNA_F

ClientSampleId :

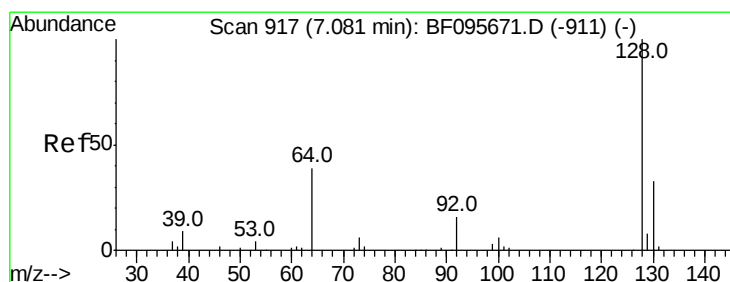
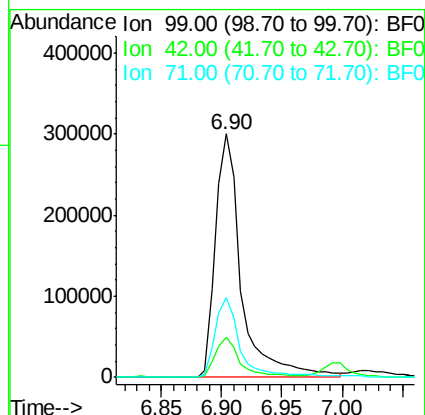
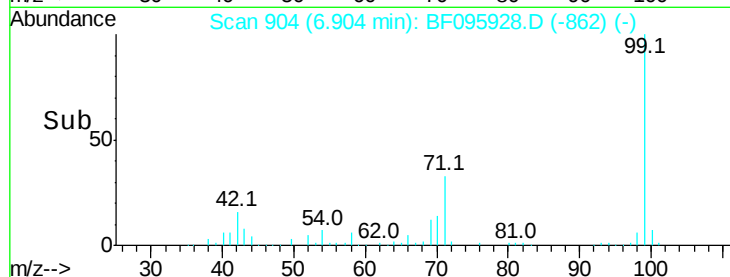
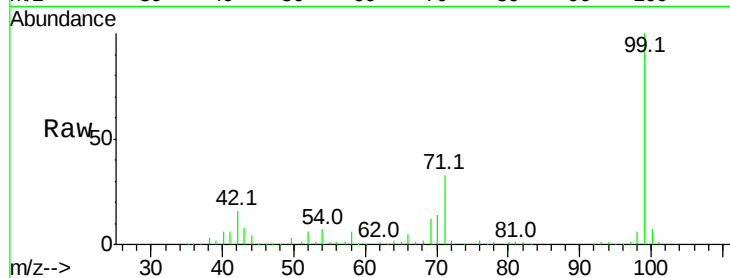
Tot Ion: 99 Resp: 445535

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

71 32.5 24.5 36.7



#8

2-Chlorophenol

Concen: 42.94 ng

RT: 7.02 min Scan# 924

Delta R.T. -0.06 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

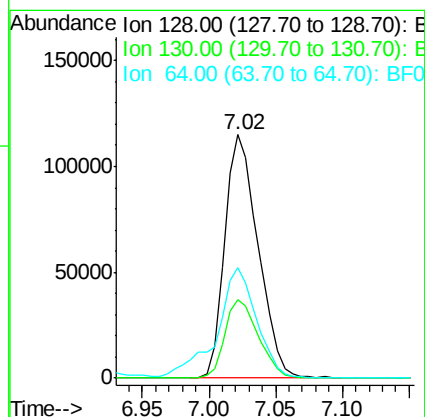
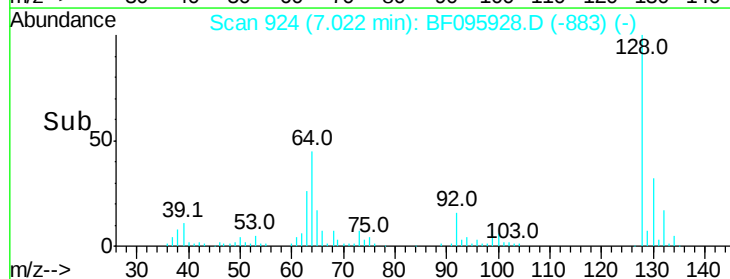
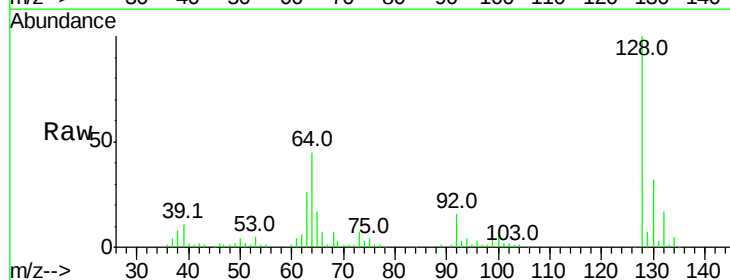
Tgt Ion: 128 Resp: 200821

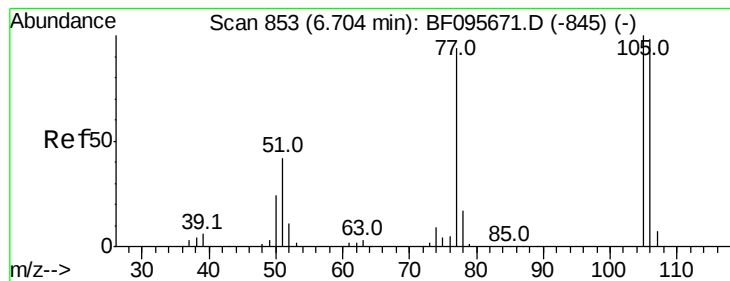
Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

64 45.3 28.4 68.4





#9

Benzaldehyde

Concen: 17.48 ng

RT: 6.65 min Scan# 861

Delta R.T. -0.05 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

Instrument :

BNA_F

ClientSampleId :

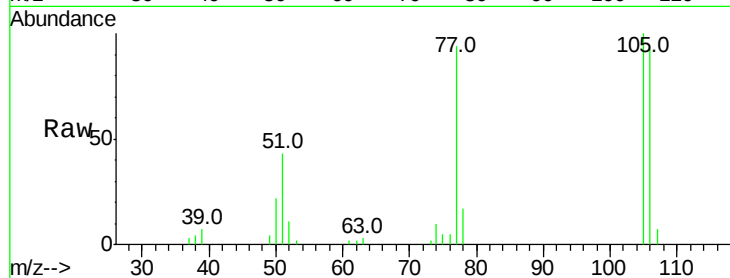
Tot Ion: 77 Resp: 62071

Ion Ratio Lower Upper

77 100

105 106.9 83.8 123.8

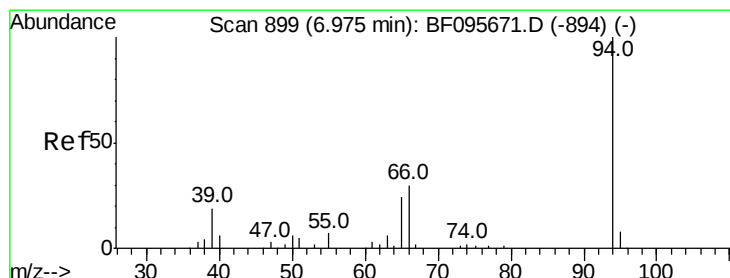
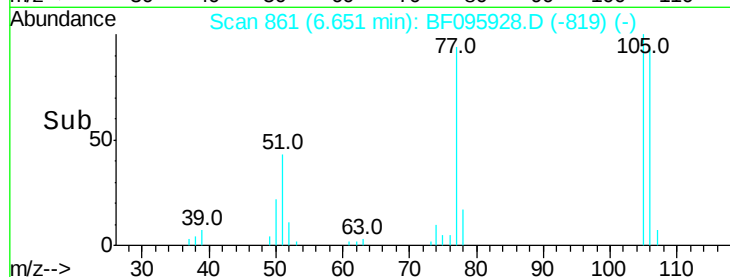
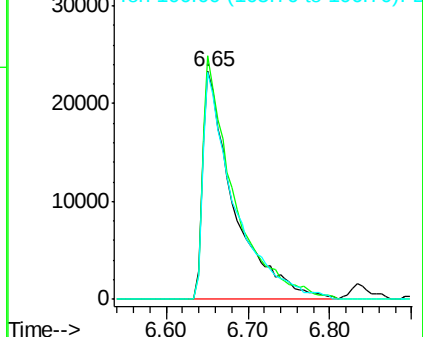
106 99.8 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.44 ng

RT: 6.92 min Scan# 907

Delta R.T. -0.05 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

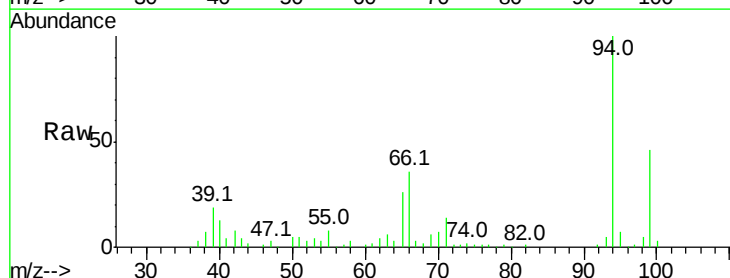
Tgt Ion: 94 Resp: 237272

Ion Ratio Lower Upper

94 100

65 25.9 9.9 49.9

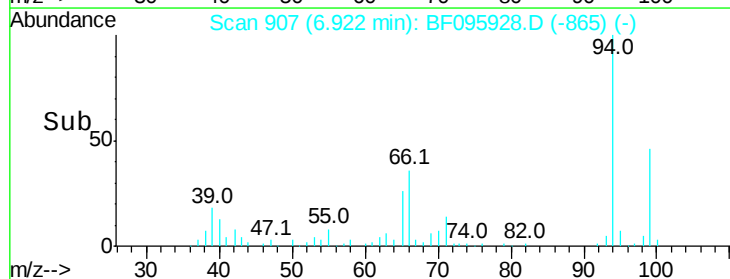
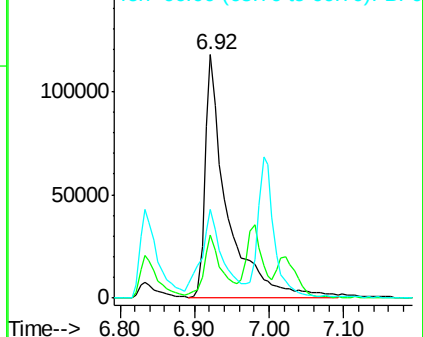
66 36.3 23.1 63.1

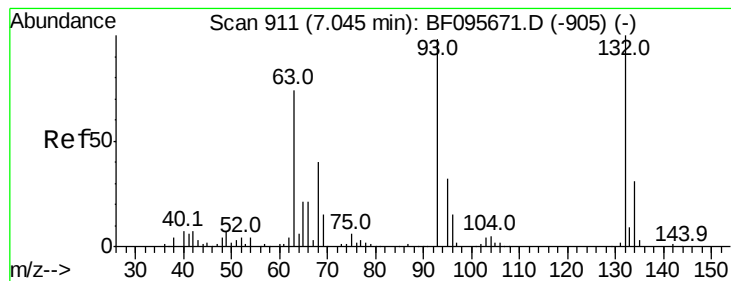


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

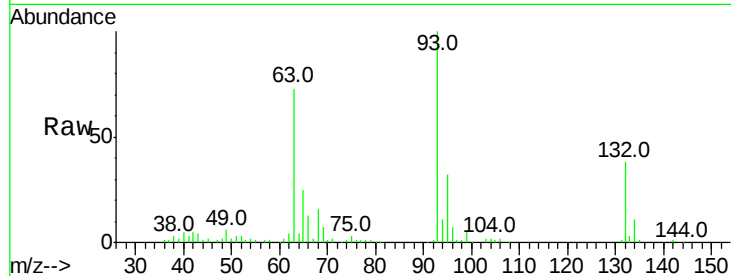




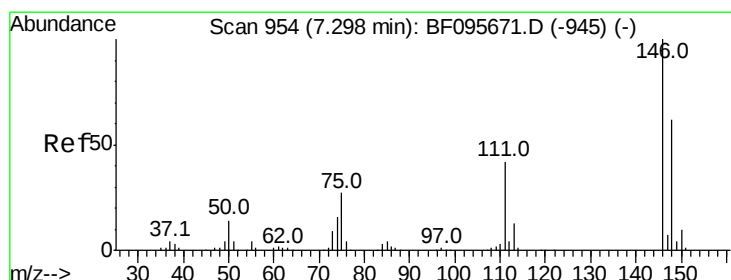
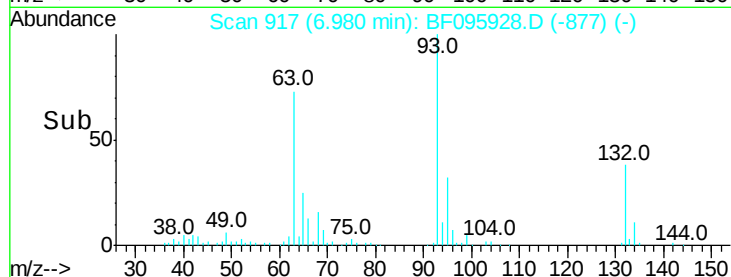
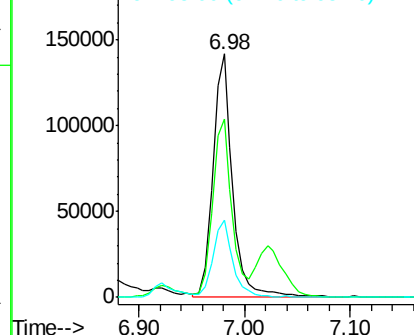
#11
bis(2-Chloroethyl)ether
Concen: 41.72 ng
RT: 6.98 min Scan# 917
Delta R.T. -0.06 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 180509
Ion Ratio Lower Upper
93 100
63 73.1 59.2 99.2
95 31.6 12.8 52.8

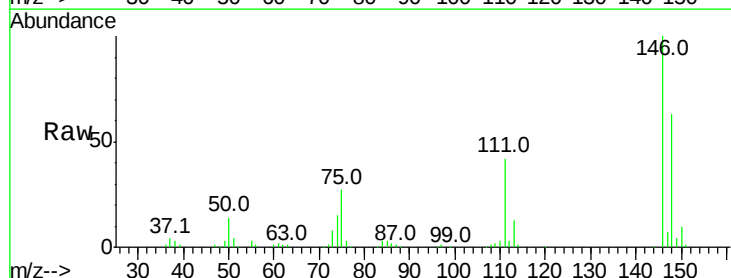


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

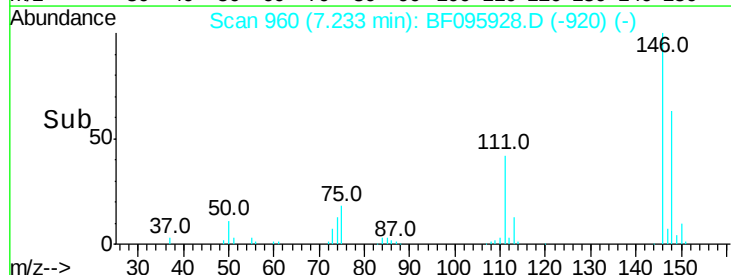
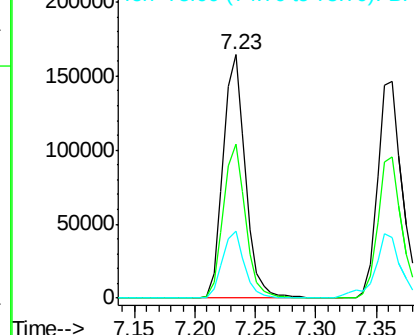


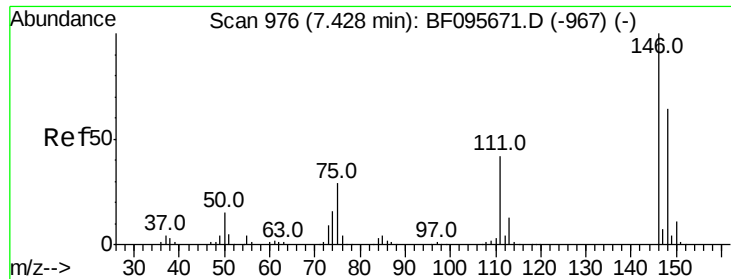
#12
1,3-Dichlorobenzene
Concen: 39.40 ng
RT: 7.23 min Scan# 960
Delta R.T. -0.06 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

Tgt Ion: 146 Resp: 208538
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.6
75 27.5 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

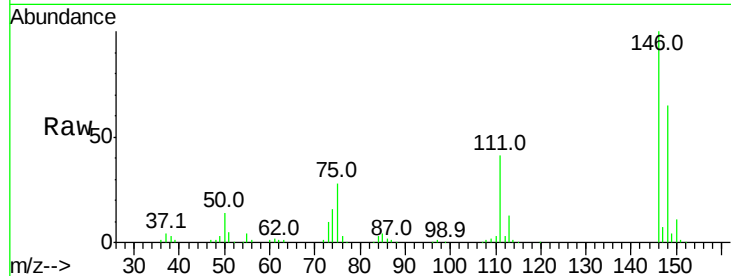




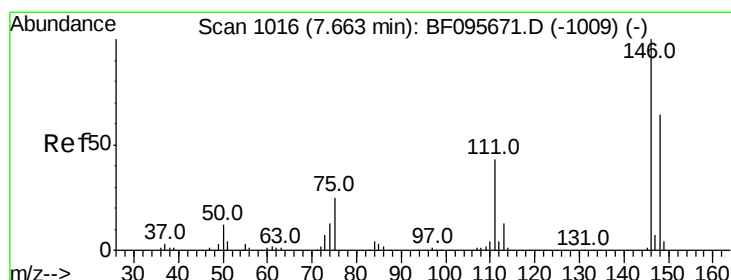
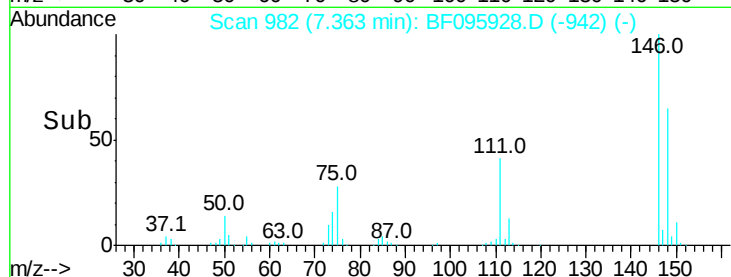
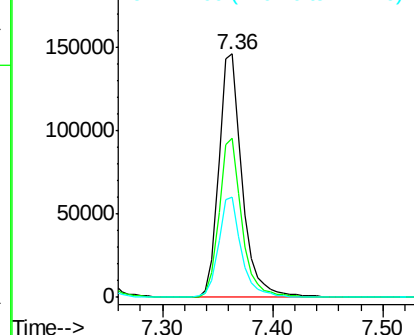
#13
 1,4-Dichlorobenzene
 Concen: 39.94 ng
 RT: 7.36 min Scan# 982
 Delta R.T. -0.06 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 214407
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.2 78.2
 111 41.3 30.3 45.5

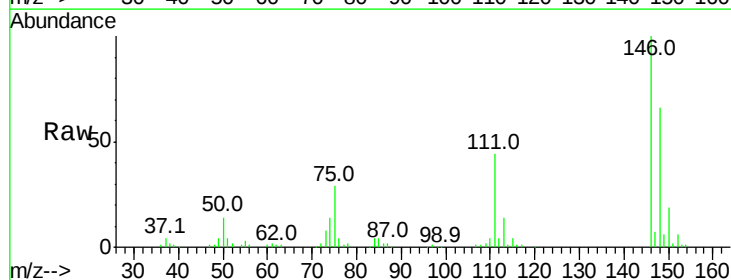


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

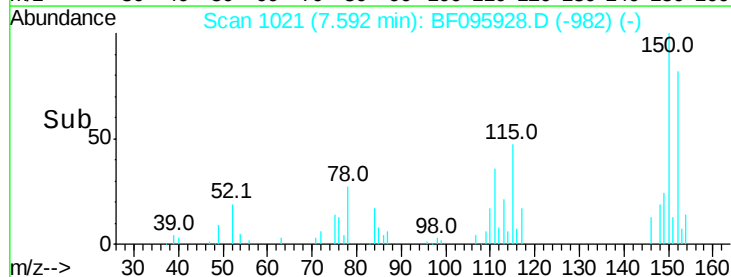
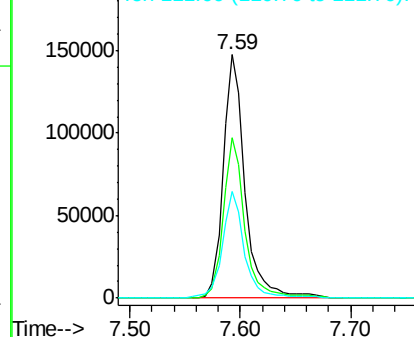


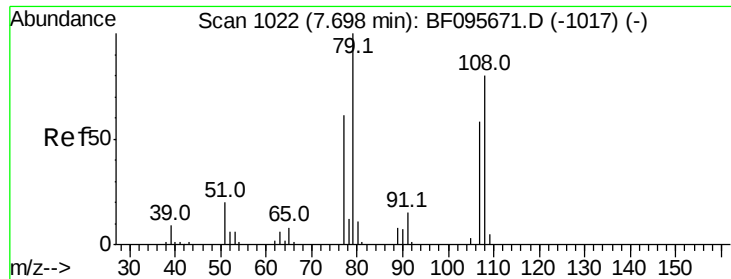
#14
 1,2-Dichlorobenzene
 Concen: 40.94 ng
 RT: 7.59 min Scan# 1021
 Delta R.T. -0.07 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Tgt Ion:146 Resp: 202576
 Ion Ratio Lower Upper
 146 100
 148 66.1 50.4 75.6
 111 43.6 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

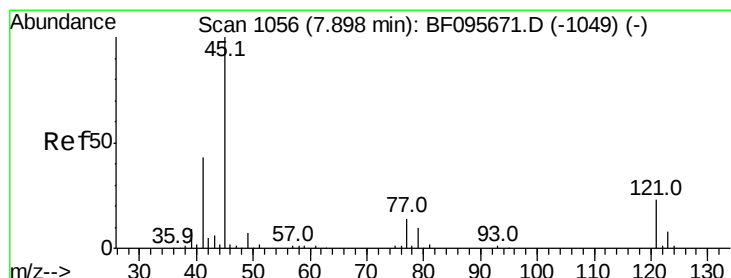
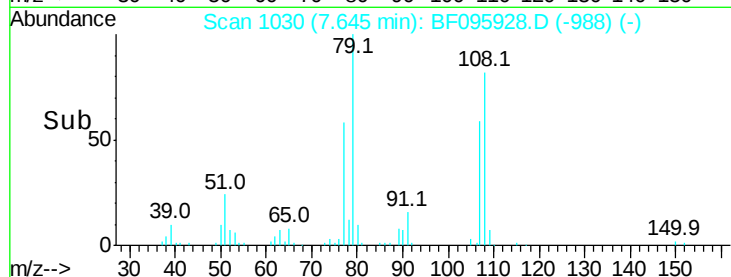
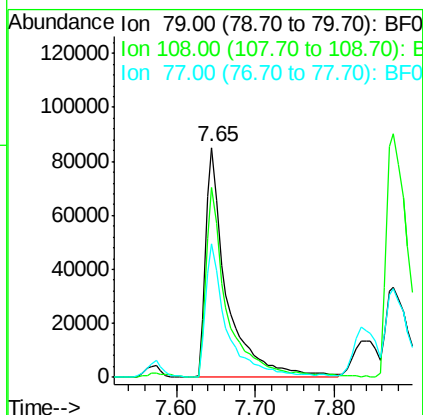
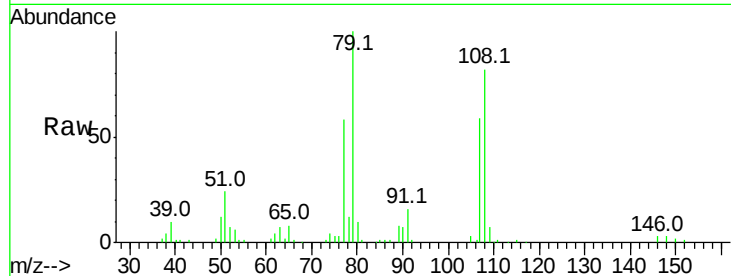




#15
Benzyl Alcohol
Concen: 43.85 ng
RT: 7.65 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

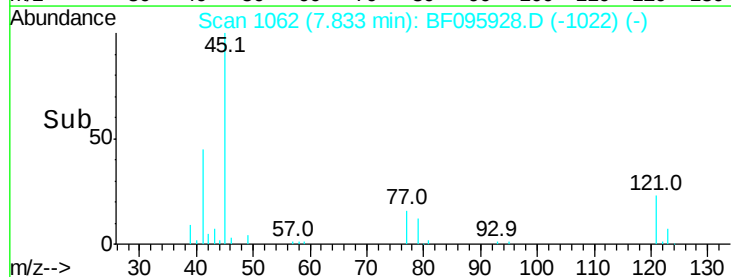
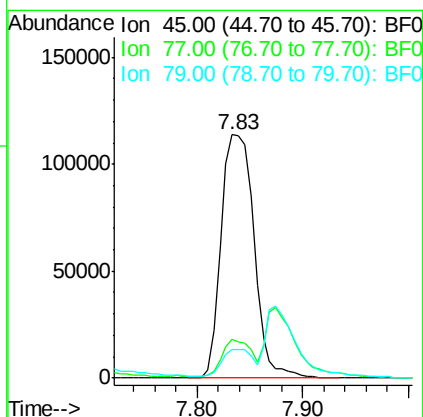
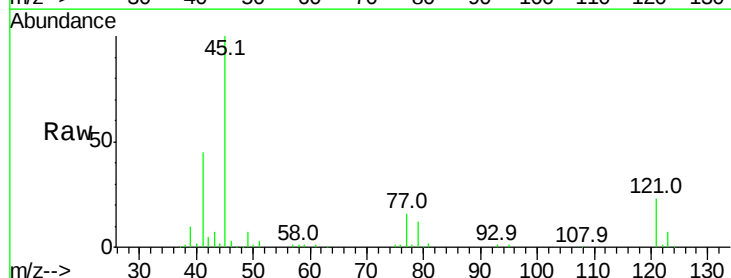
Instrument :
BNA_F
ClientSampleId :

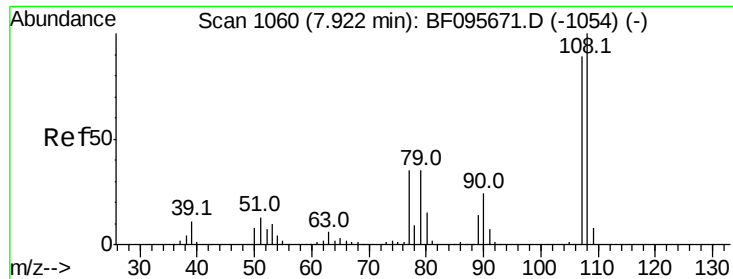
Tot Ion: 79 Resp: 158459
Ion Ratio Lower Upper
79 100
108 82.4 63.4 95.0
77 58.3 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.56 ng
RT: 7.83 min Scan# 1062
Delta R.T. -0.06 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

Tgt Ion: 45 Resp: 246554
Ion Ratio Lower Upper
45 100
77 16.2 0.0 33.2
79 11.8 0.0 30.0

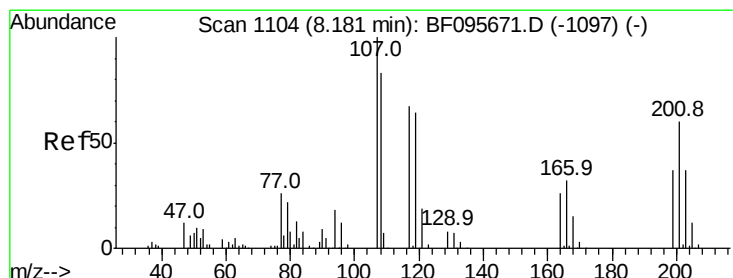
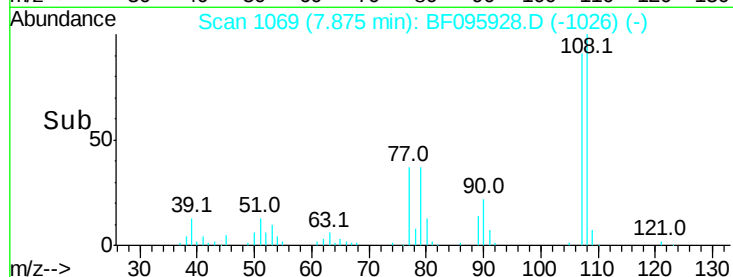
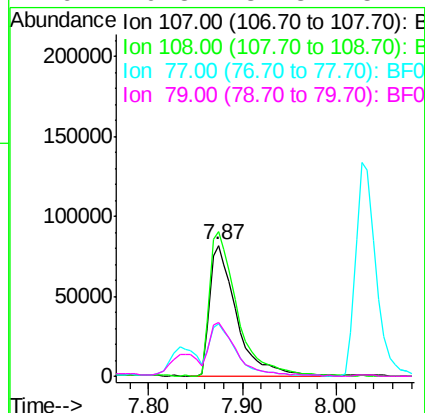
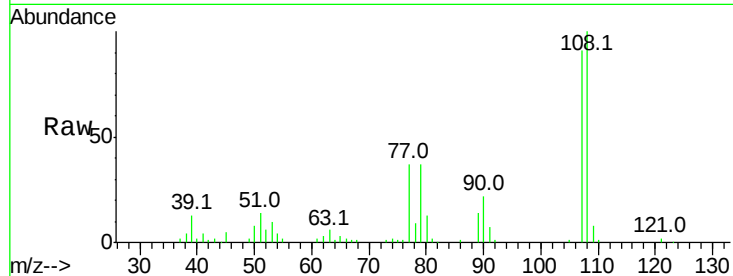




#17
2-Methylphenol
Concen: 42.05 ng
RT: 7.87 min Scan# 1069
Delta R.T. -0.05 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

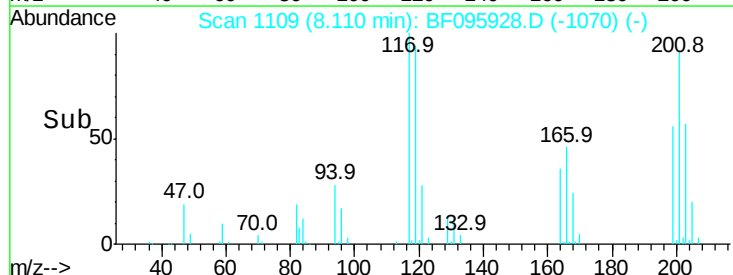
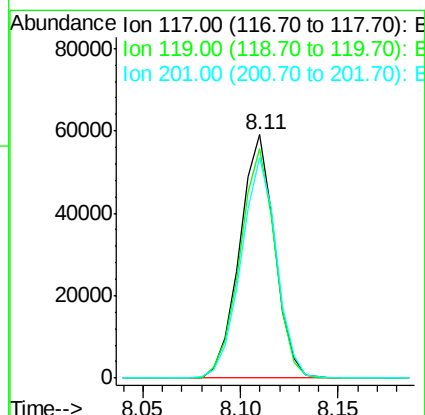
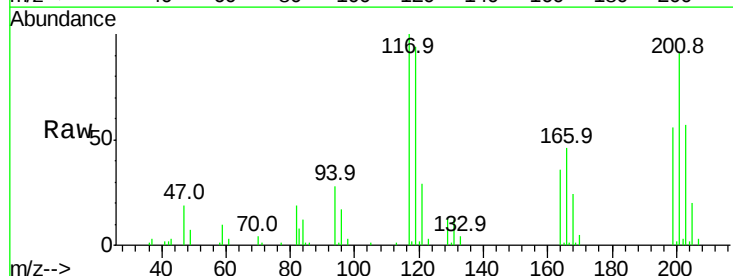
Instrument :
BNA_F
ClientSampleId :

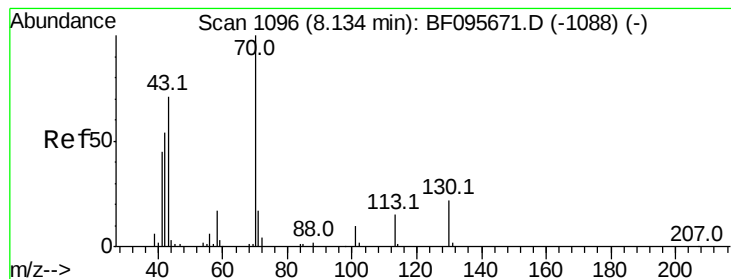
Tot Ion:	107	Resp:	165011
Ion	Ratio	Lower	Upper
107	100		
108	110.0	93.4	140.0
77	40.4	35.8	53.6
79	40.8	34.8	52.2



#18
Hexachloroethane
Concen: 41.49 ng
RT: 8.11 min Scan# 1109
Delta R.T. -0.07 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

Tgt Ion:	117	Resp:	73557
Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.4	116.0
201	90.7	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 41.65 ng

RT: 8.07 min Scan# 1103

Delta R.T. -0.06 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 138960

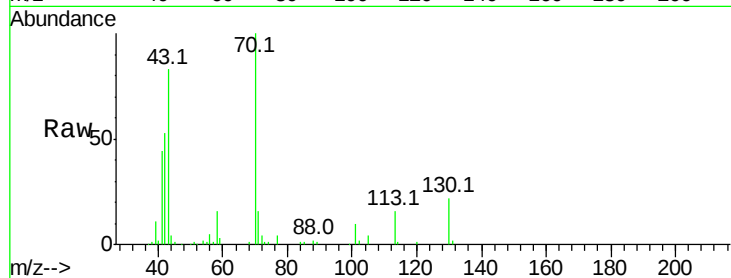
Ion	Ratio	Lower	Upper
70	100		
42	52.7	47.2	70.8
101	10.2	7.2	10.8
130	22.2	15.9	23.9

70 100

42 52.7 47.2 70.8

101 10.2 7.2 10.8

130 22.2 15.9 23.9



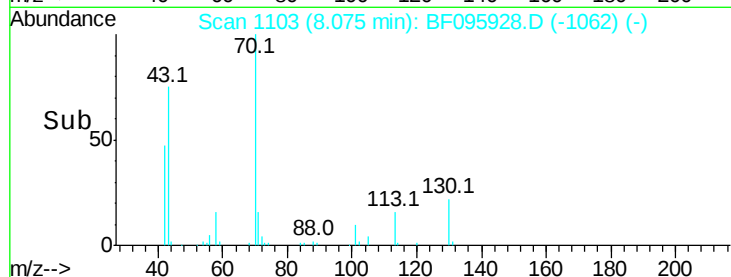
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

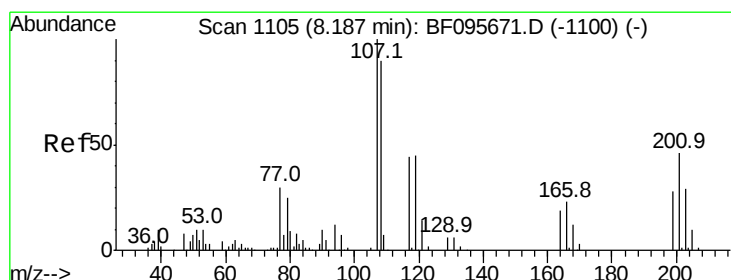
Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

Time-->



Time-->



#20

3+4-Methylphenols

Concen: 42.73 ng

RT: 8.14 min Scan# 1114

Delta R.T. -0.05 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

Tgt Ion:107 Resp: 212872

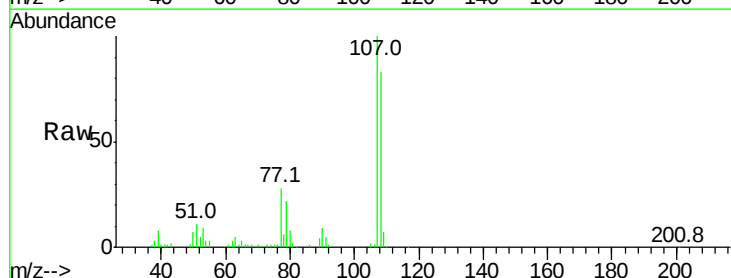
Ion	Ratio	Lower	Upper
107	100		
108	82.7	71.0	111.0
77	28.2	90.5	130.5#
79	21.8	8.4	48.4

107 100

108 82.7 71.0 111.0

77 28.2 90.5 130.5#

79 21.8 8.4 48.4



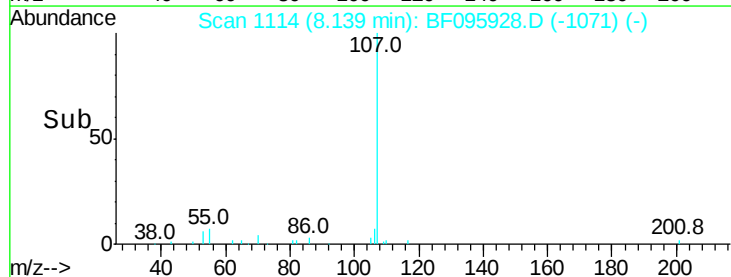
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

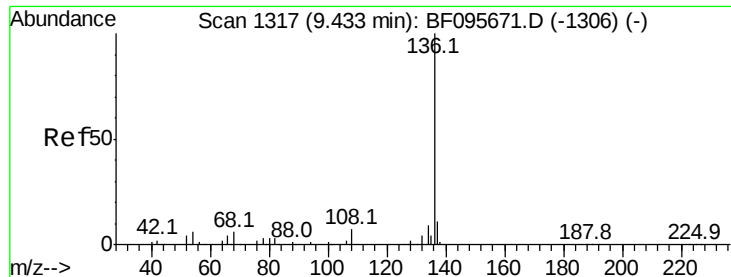
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



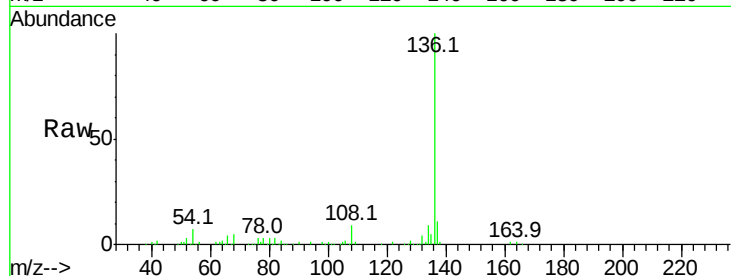
Time-->



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.37 min Scan# 1323
Delta R.T. -0.06 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	295368
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	6.5	4.9 7.3
68	5.4	4.1 6.1

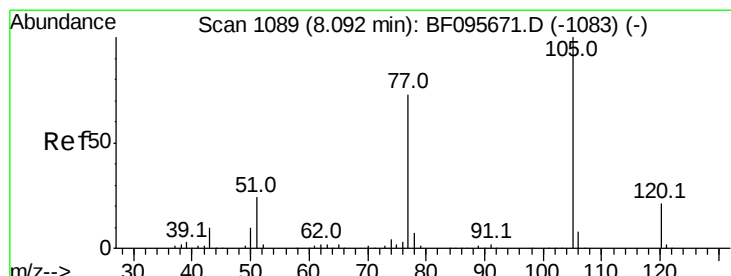
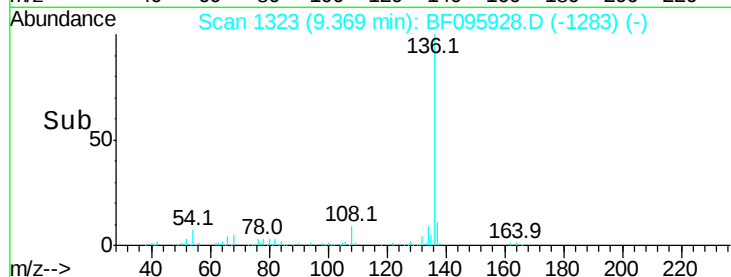
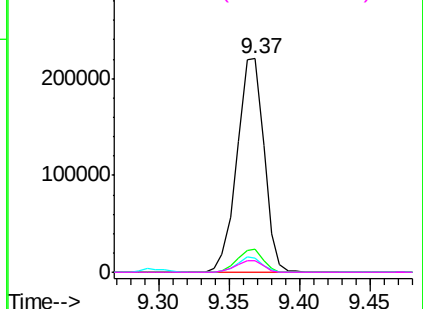


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

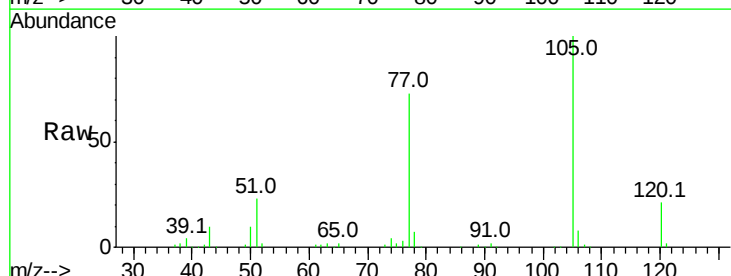
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 39.86 ng
RT: 8.03 min Scan# 1095
Delta R.T. -0.06 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

Tgt Ion:105	Resp:	275550
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	23.1	30.7 46.1#
120	20.8	17.4 26.0

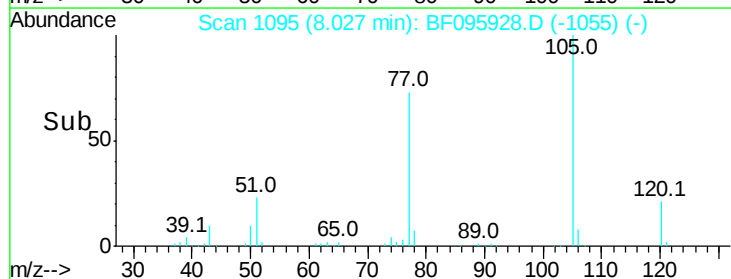
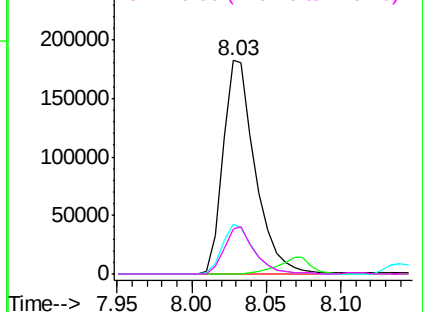


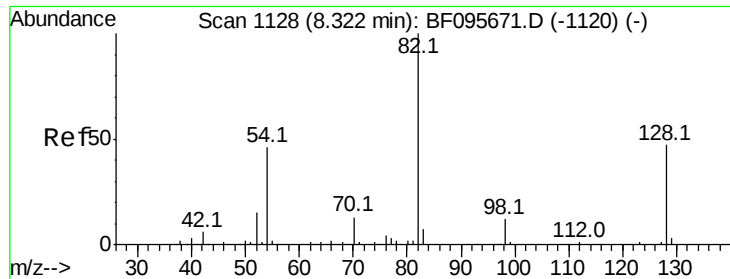
Abundance Ion 105.00 (104.70 to 105.70): E

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

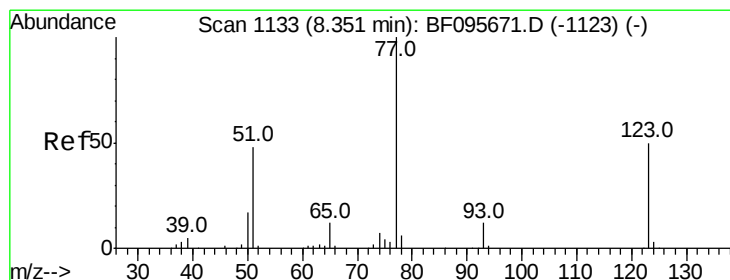
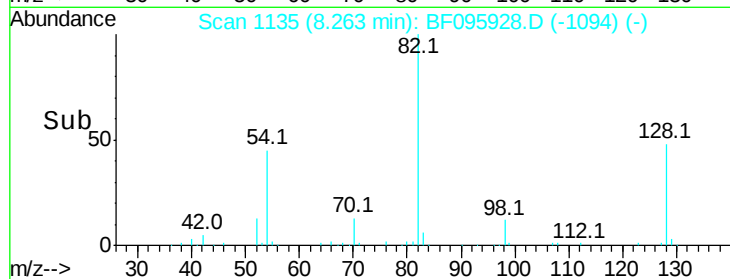
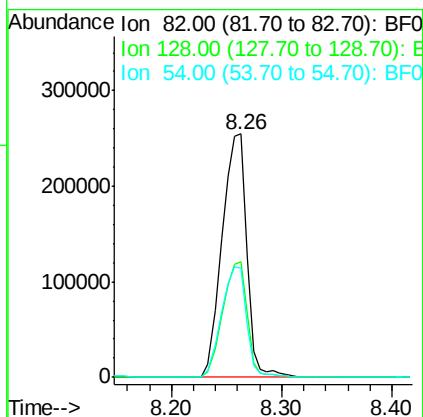
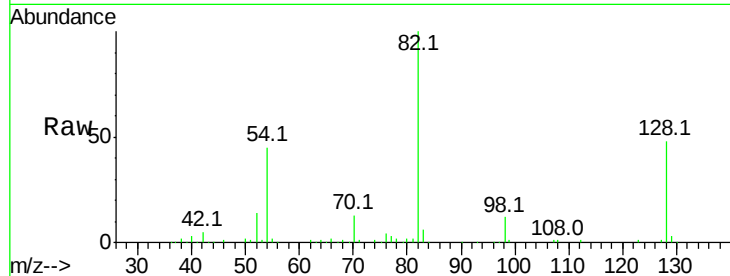




#23
 Nitrobenzene-d5
 Concen: 83.87 ng
 RT: 8.26 min Scan# 1135
 Delta R.T. -0.06 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

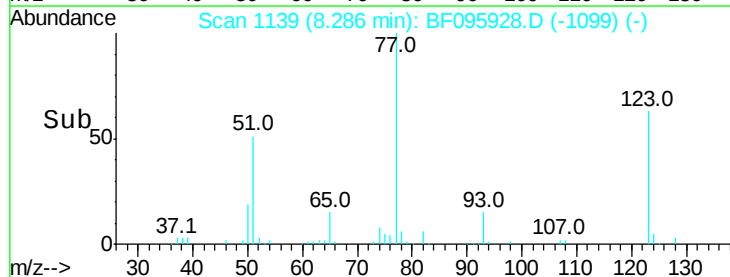
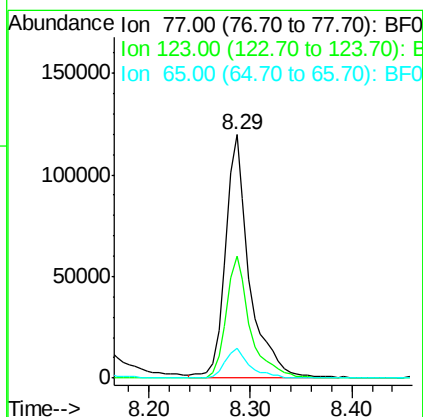
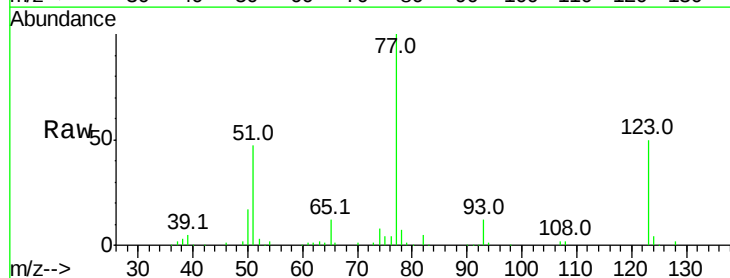
Instrument :
 BNA_F
 ClientSampleId :

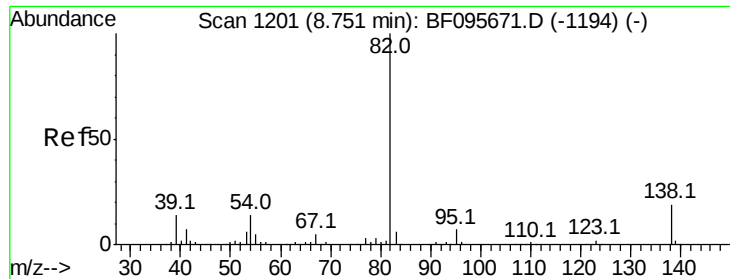
Tot Ion: 82 Resp: 398882
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 44.9 42.2 63.2



#24
 Nitrobenzene
 Concen: 37.88 ng
 RT: 8.29 min Scan# 1139
 Delta R.T. -0.06 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Tgt Ion: 77 Resp: 192449
 Ion Ratio Lower Upper
 77 100
 123 49.9 35.8 53.8
 65 12.2 10.6 15.8





#25

Isophorone

Concen: 39.92 ng

RT: 8.69 min Scan# 1208

Delta R.T. -0.06 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

Instrument :

BNA_F

ClientSampleId :

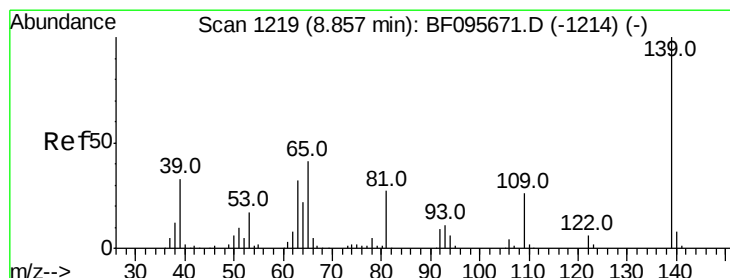
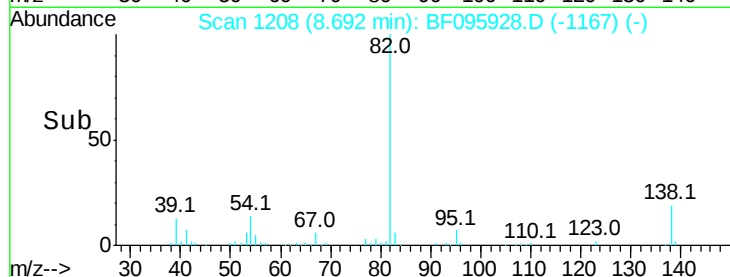
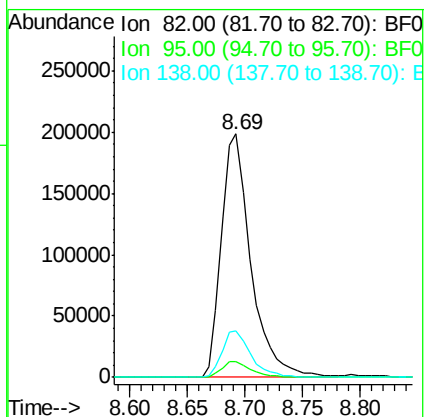
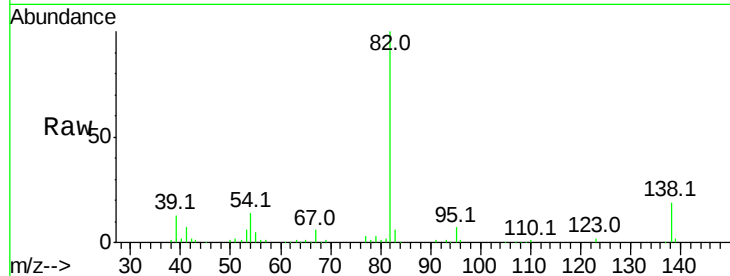
Tot Ion: 82 Resp: 354460

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 41.09 ng

RT: 8.80 min Scan# 1226

Delta R.T. -0.06 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

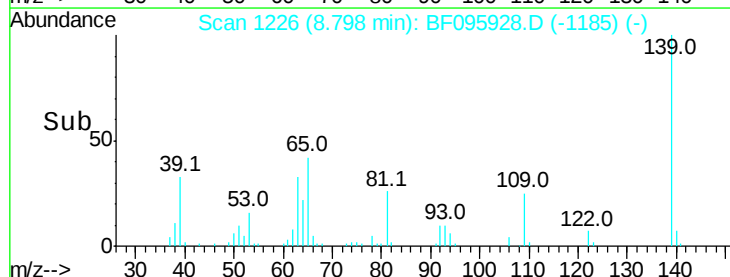
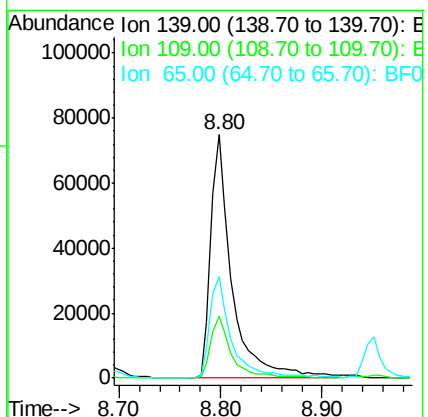
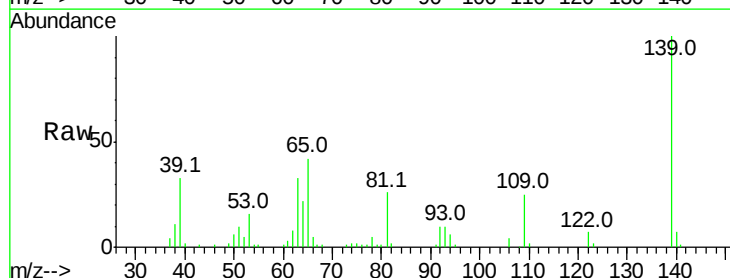
Tgt Ion: 139 Resp: 109309

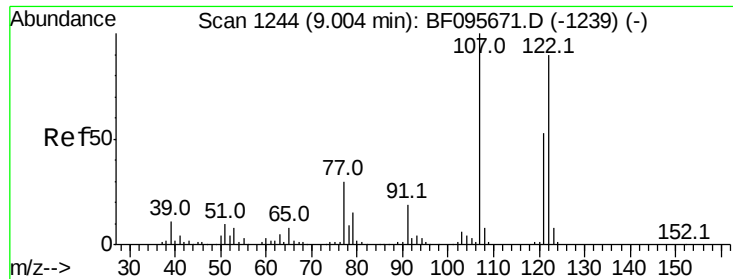
Ion Ratio Lower Upper

139 100

109 25.3 21.0 31.6

65 41.7 33.0 49.6

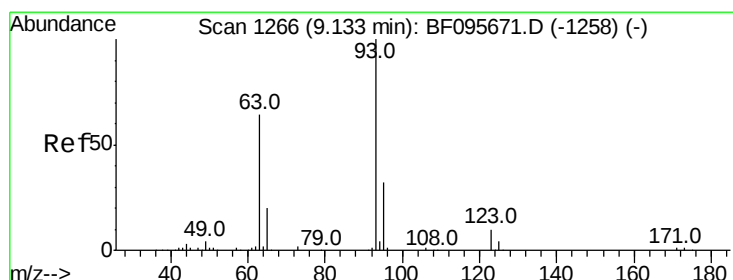
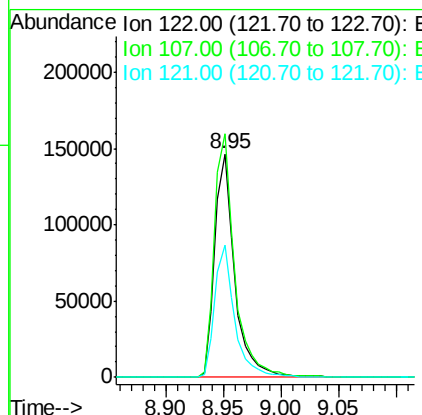
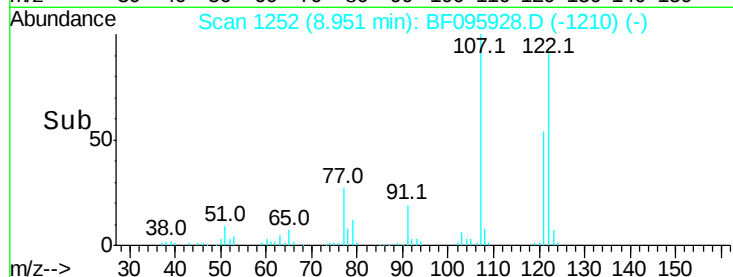
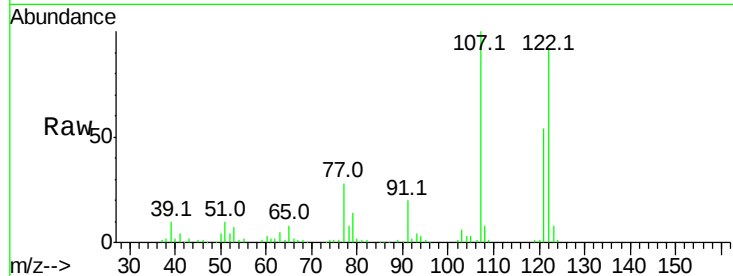




#27
 2,4-Dimethylphenol
 Concen: 42.90 ng
 RT: 8.95 min Scan# 1252
 Delta R.T. -0.05 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

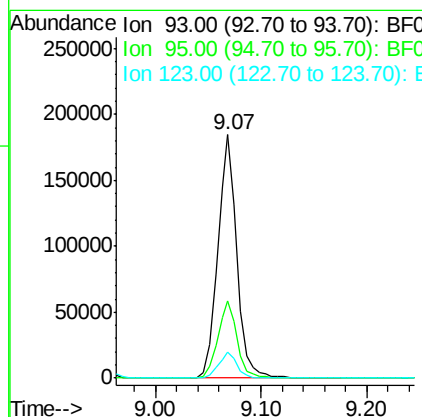
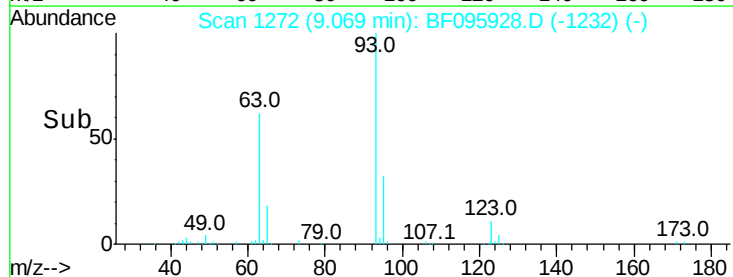
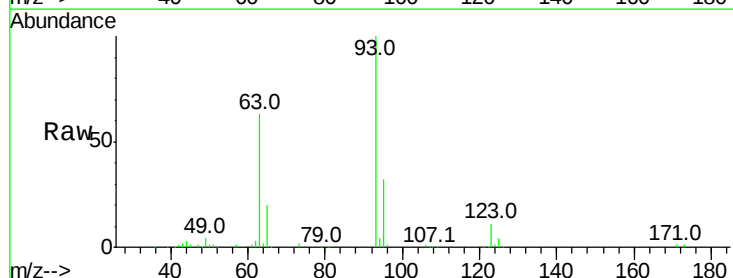
Instrument :
 BNA_F
 ClientSampleId :

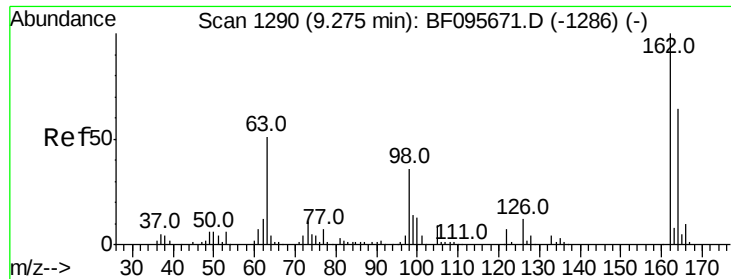
Tot Ion:122 Resp: 177113
 Ion Ratio Lower Upper
 122 100
 107 109.1 89.2 133.8
 121 59.2 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.66 ng
 RT: 9.07 min Scan# 1272
 Delta R.T. -0.06 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Tgt Ion: 93 Resp: 232174
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.5 39.7
 123 10.8 9.0 13.4

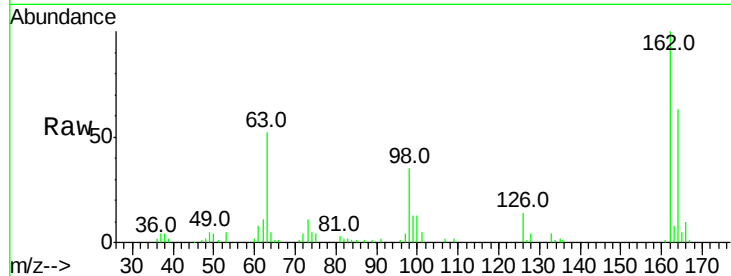




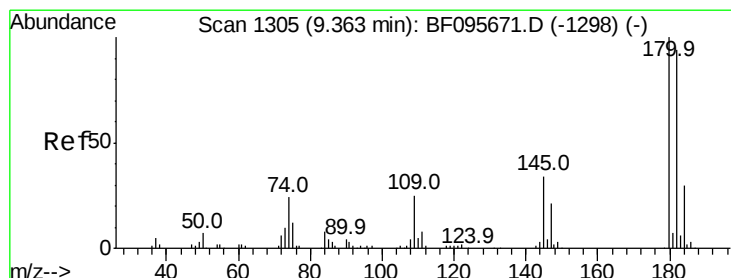
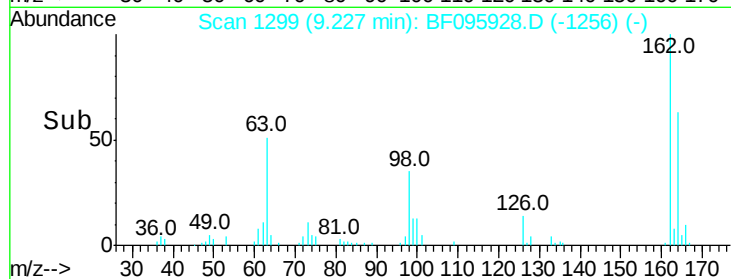
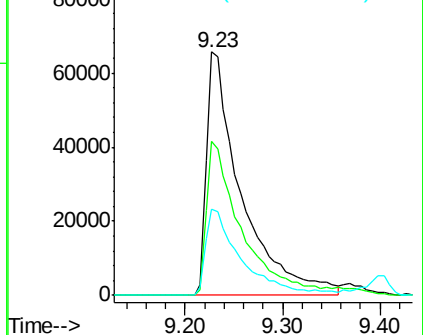
#29
 2,4-Dichlorophenol
 Concen: 40.97 ng
 RT: 9.23 min Scan# 1299
 Delta R.T. -0.05 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.6	84.6
98	35.4	14.8	54.8

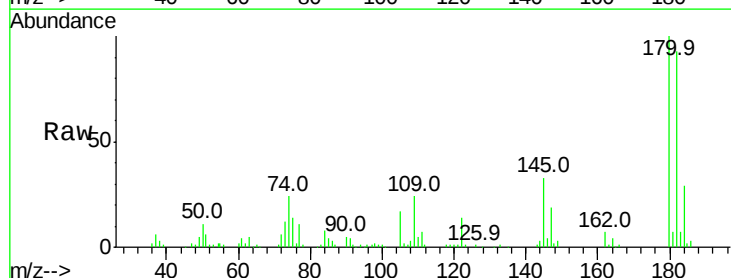


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

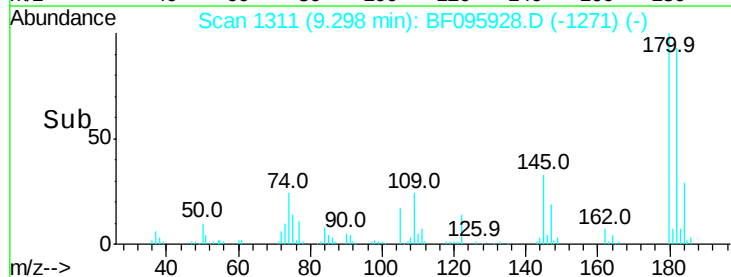
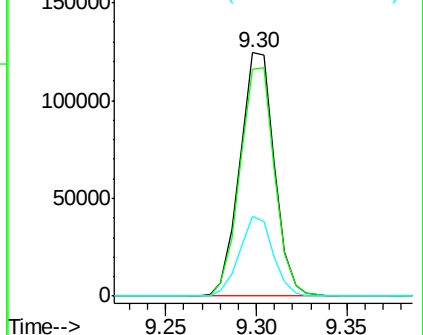


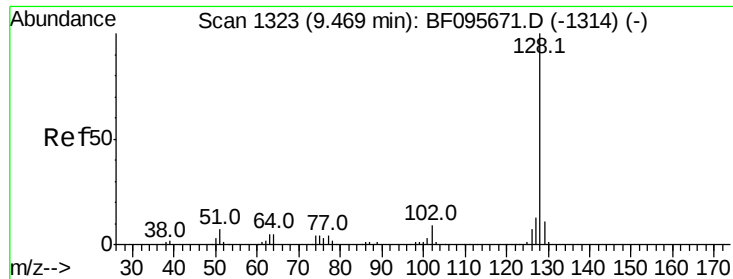
#30
 1,2,4-Trichlorobenzene
 Concen: 39.87 ng
 RT: 9.30 min Scan# 1311
 Delta R.T. -0.06 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	75.8	113.6
145	32.7	25.3	37.9



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

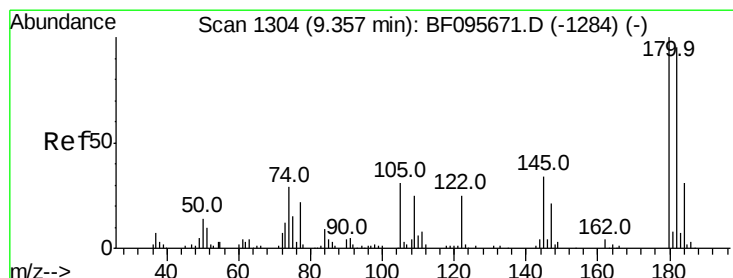
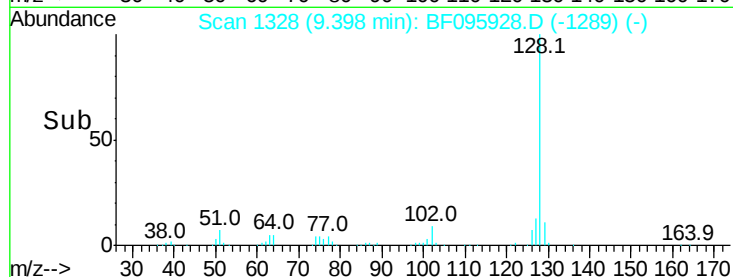
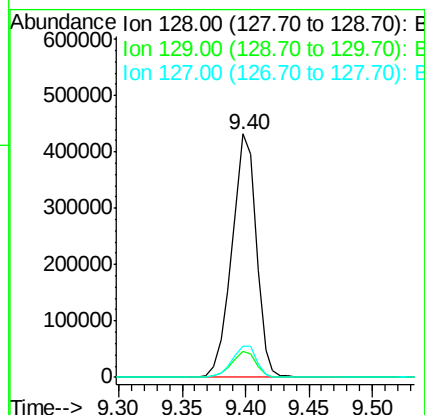
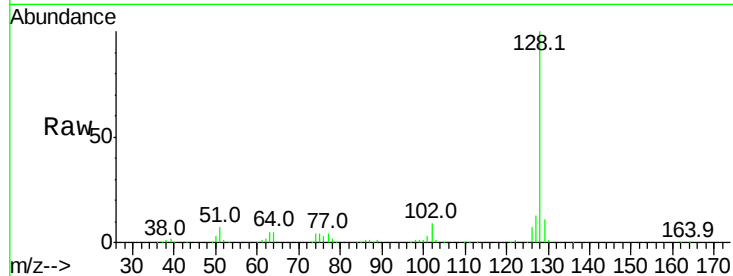




#31
Naphthalene
Concen: 38.70 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.07 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

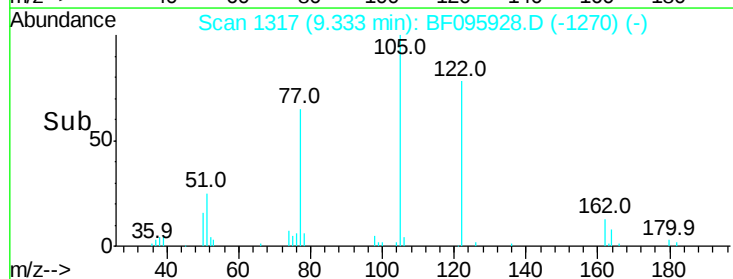
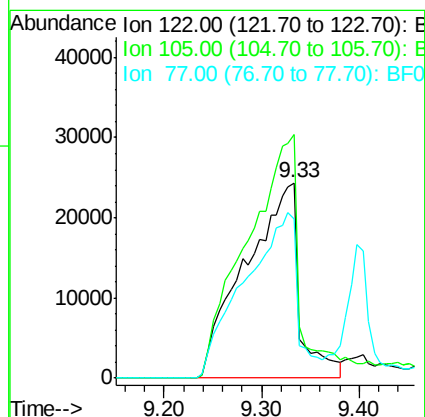
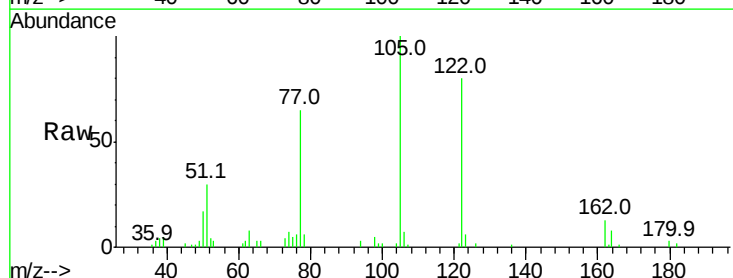
Instrument :
BNA_F
ClientSampled :

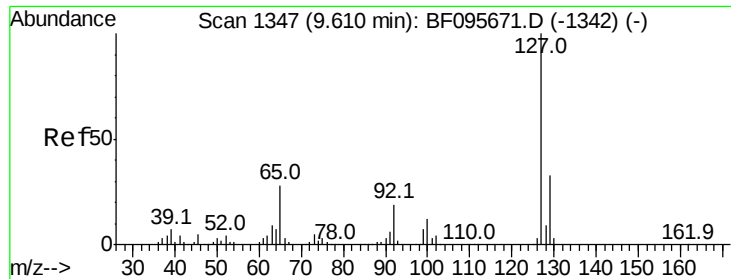
Tot Ion:128 Resp: 573603
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 37.71 ng
RT: 9.33 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

Tgt Ion:122 Resp: 94131
Ion Ratio Lower Upper
122 100
105 124.7 103.3 143.3
77 81.5 73.7 113.7

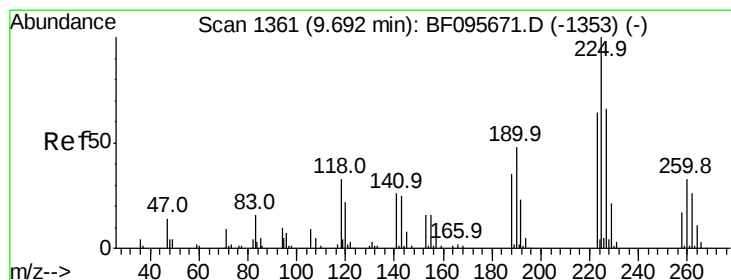
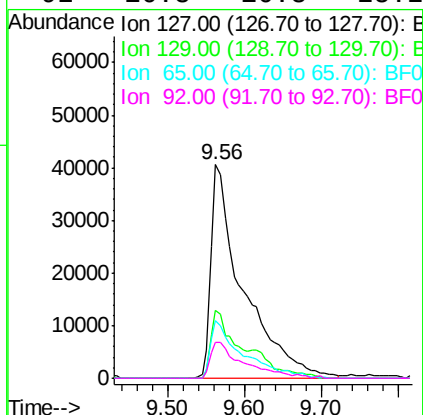
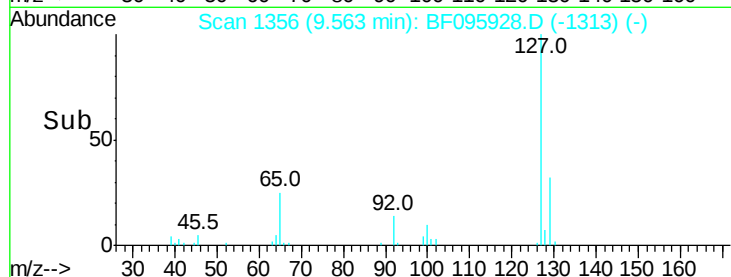
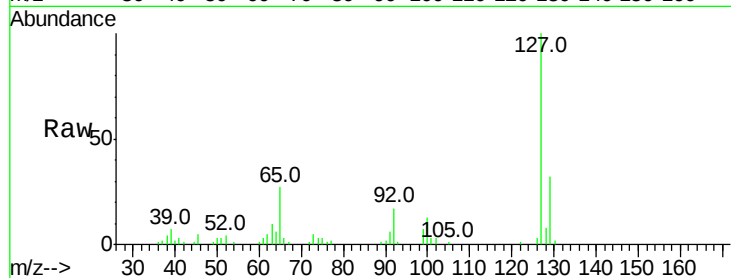




#33
4-Chloroaniline
Concen: 20.13 ng
RT: 9.56 min Scan# 1356
Delta R.T. -0.05 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

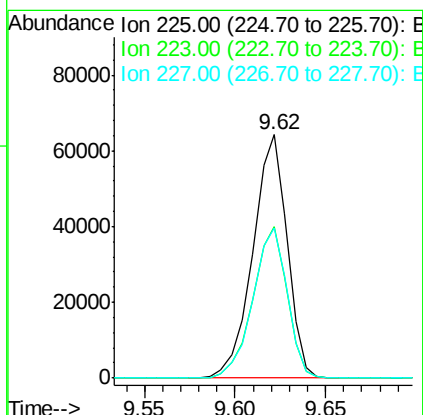
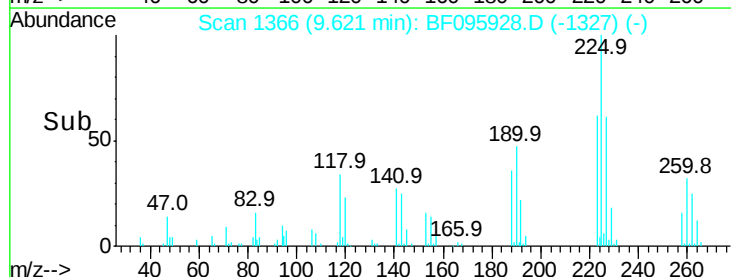
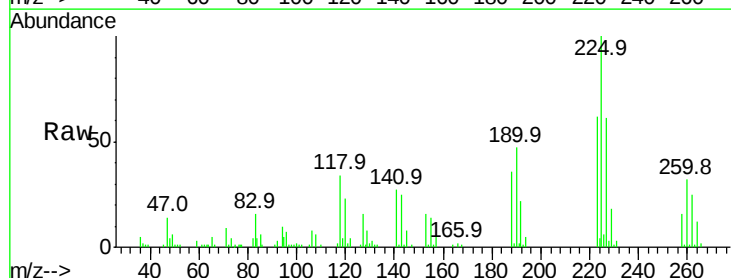
Instrument :
BNA_F
ClientSampleId :

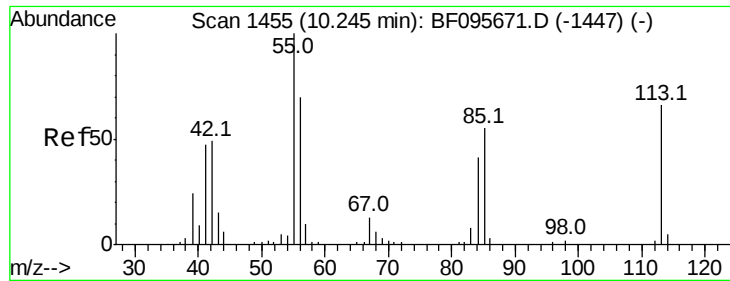
Tot Ion:	127	Resp:	116651
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.2
65	26.8	27.8	41.8#
92	16.8	16.8	25.2#



#34
Hexachlorobutadiene
Concen: 39.49 ng
RT: 9.62 min Scan# 1366
Delta R.T. -0.07 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

Tgt Ion:	225	Resp:	84430
Ion	Ratio	Lower	Upper
225	100		
223	62.5	48.8	73.2
227	61.4	51.1	76.7





#35

Caprolactam

Concen: 24.08 ng

RT: 10.19 min Scan# 1462

Delta R.T. -0.06 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

Instrument :

BNA_F

ClientSampled :

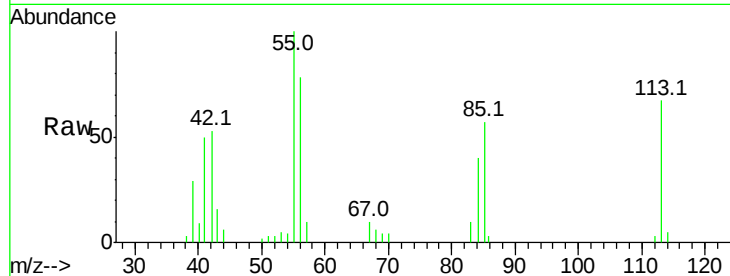
Tot Ion:113 Resp: 28494

Ion Ratio Lower Upper

113 100

55 149.8 150.2 190.2#

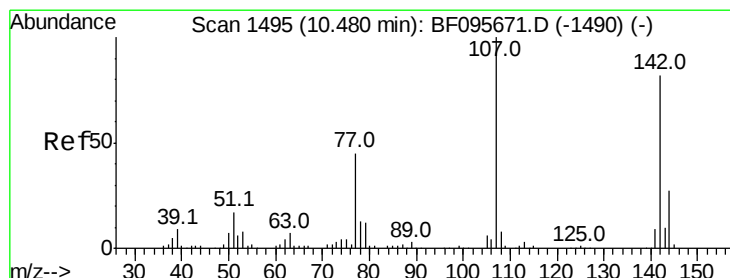
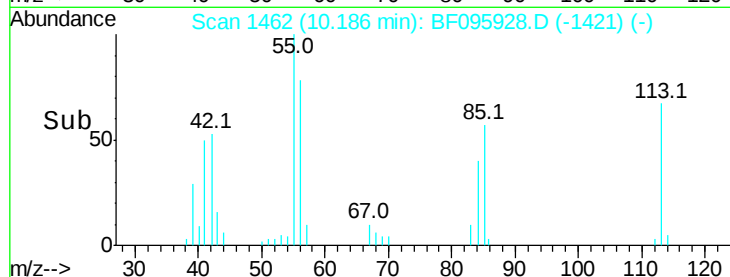
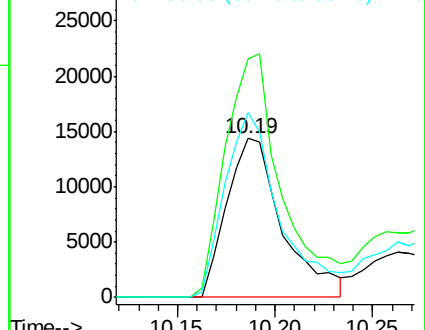
56 116.3 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.11 ng

RT: 10.44 min Scan# 1505

Delta R.T. -0.04 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

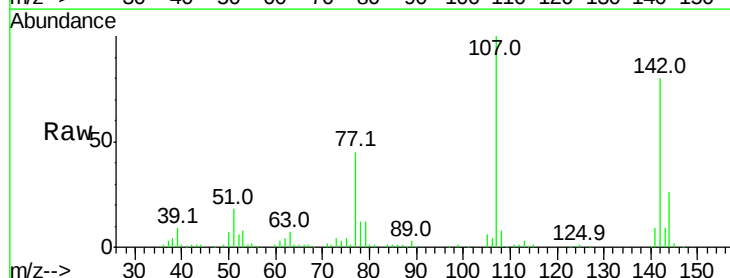
Tgt Ion:107 Resp: 179428

Ion Ratio Lower Upper

107 100

144 26.3 24.2 36.4

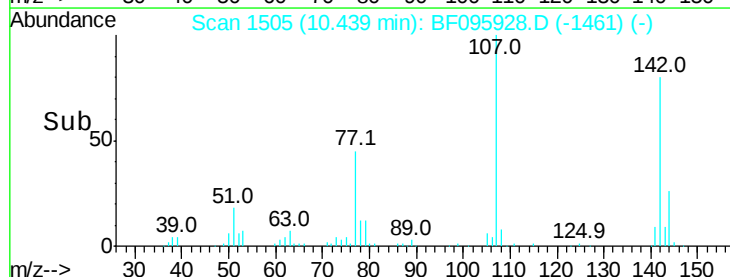
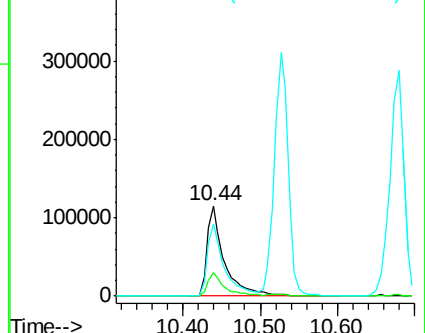
142 79.6 73.4 110.0

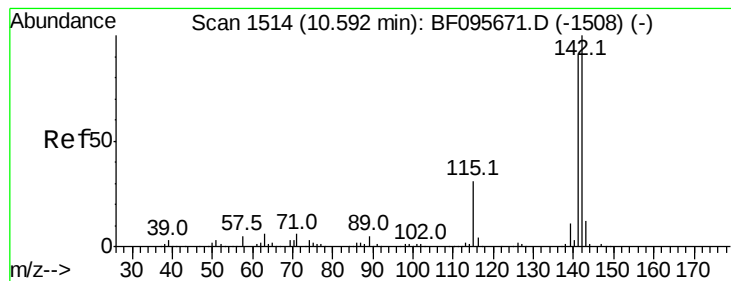


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.72 ng

RT: 10.53 min Scan# 1520

Delta R.T. -0.06 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

Instrument :

BNA_F

ClientSampled :

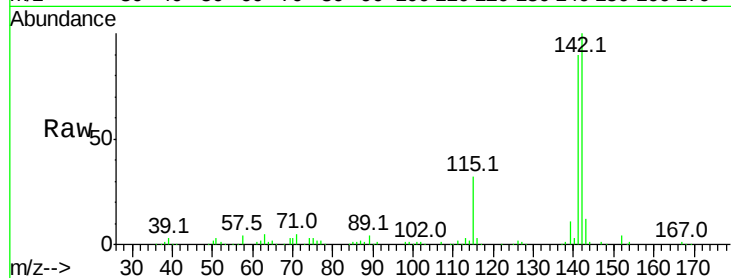
Tot Ion:142 Resp: 397786

Ion Ratio Lower Upper

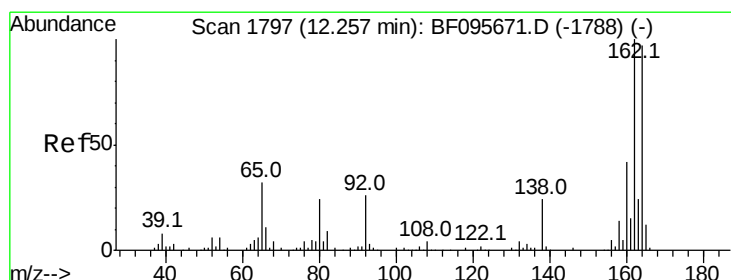
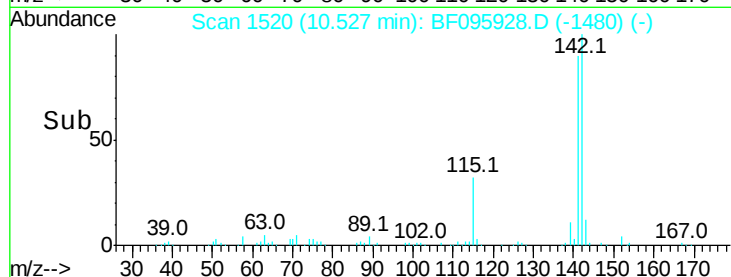
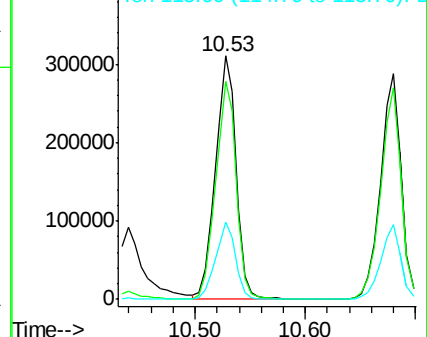
142 100

141 89.8 71.3 106.9

115 31.7 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: 12.19 min Scan# 1803

Delta R.T. -0.06 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

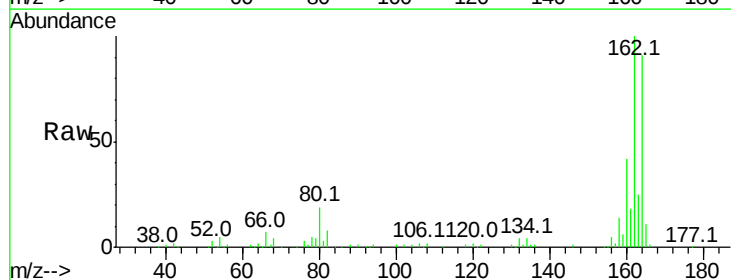
Tgt Ion:164 Resp: 136917

Ion Ratio Lower Upper

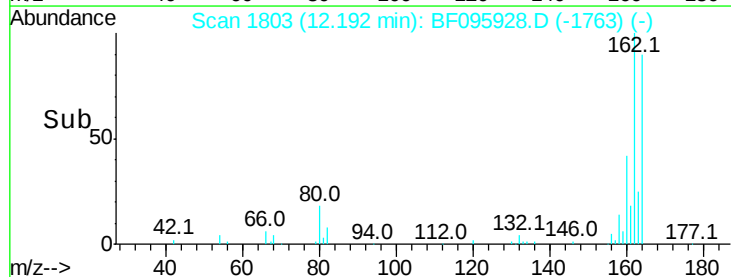
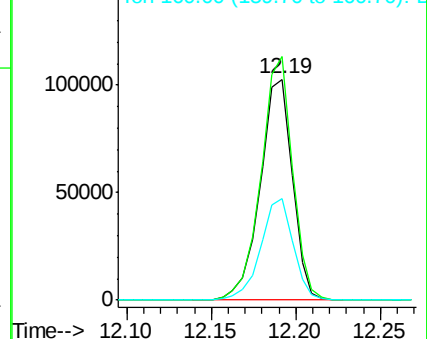
164 100

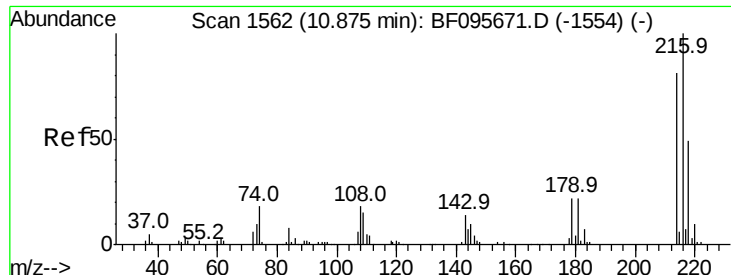
162 110.2 82.6 123.8

160 45.9 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: 38.54 ng

RT: 10.81 min Scan# 1568

Delta R.T. -0.06 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 157911

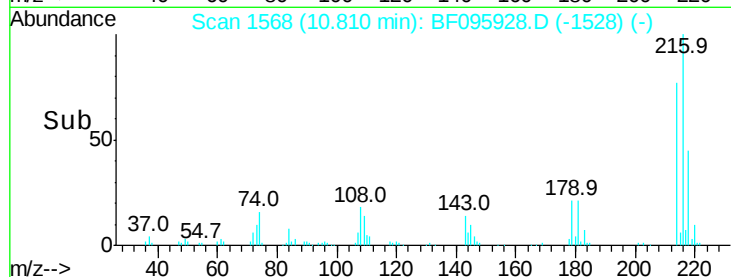
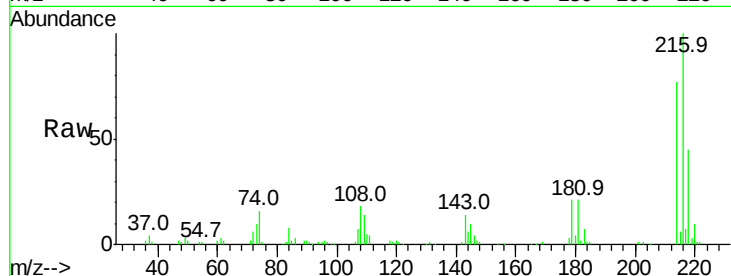
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 21.7 17.9 26.9

108 19.1 16.5 24.7

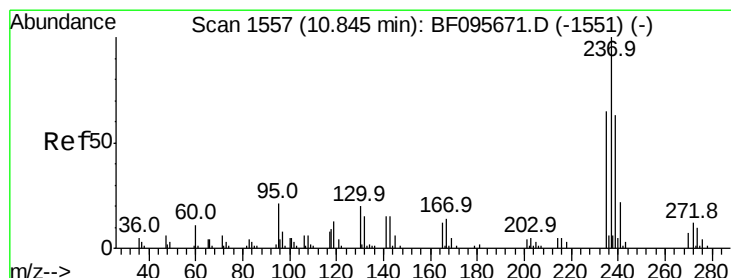
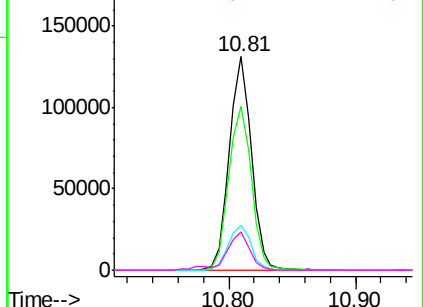


Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.35 ng

RT: 10.78 min Scan# 1563

Delta R.T. -0.06 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

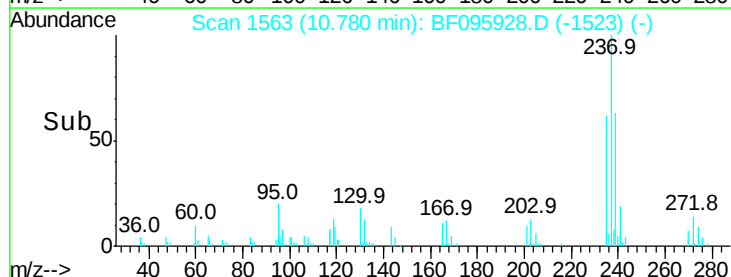
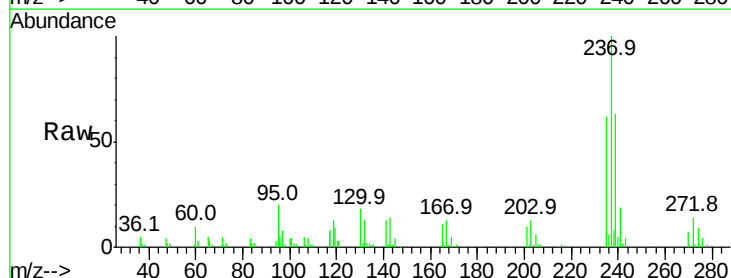
Tgt Ion:237 Resp: 83852

Ion Ratio Lower Upper

237 100

235 62.1 42.6 82.6

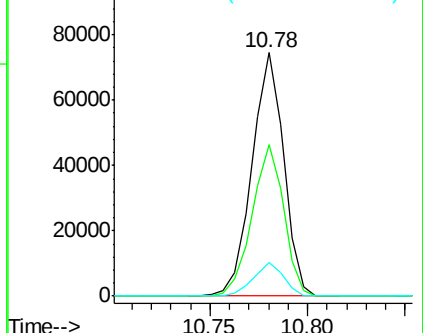
272 13.6 0.0 31.9

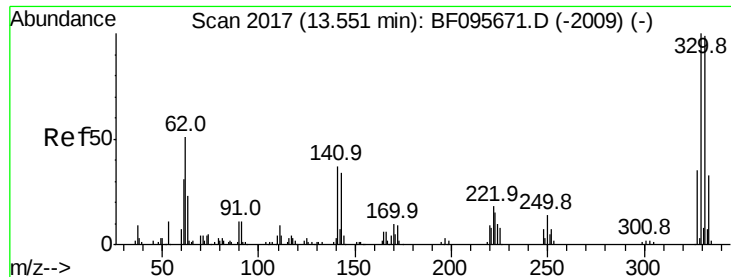


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

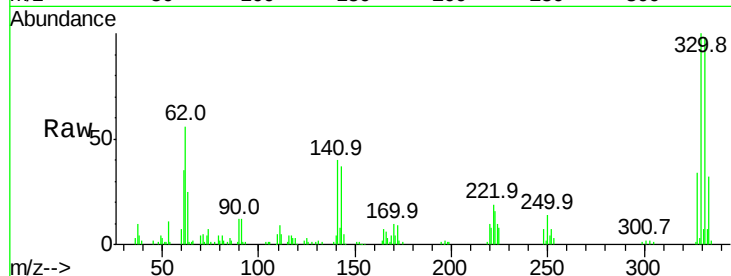




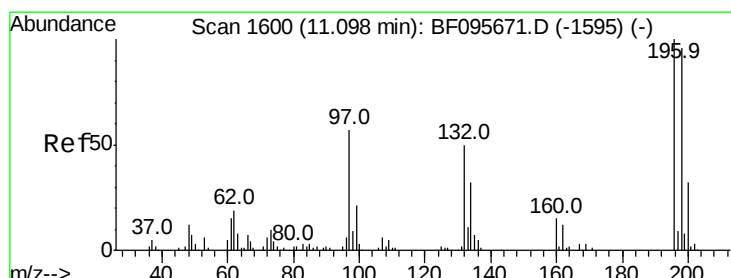
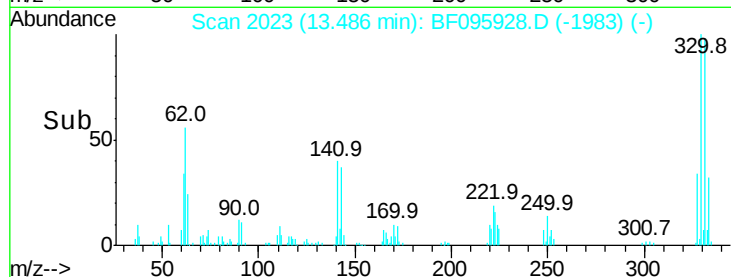
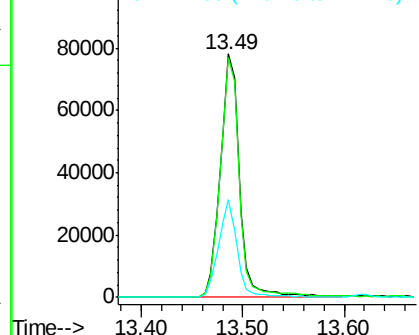
#41
 2,4,6-Tribromophenol
 Concen: 86.00 ng
 RT: 13.49 min Scan# 2023
 Delta R.T. -0.06 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	115.0
141	38.5	31.4	47.2

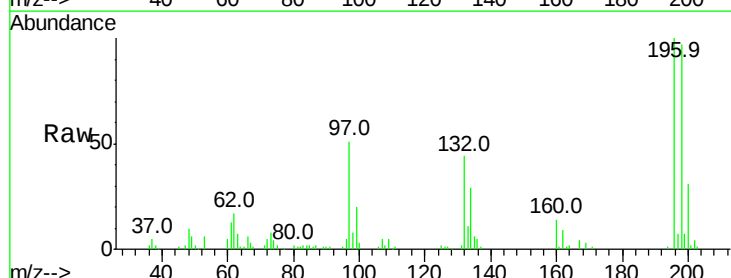


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

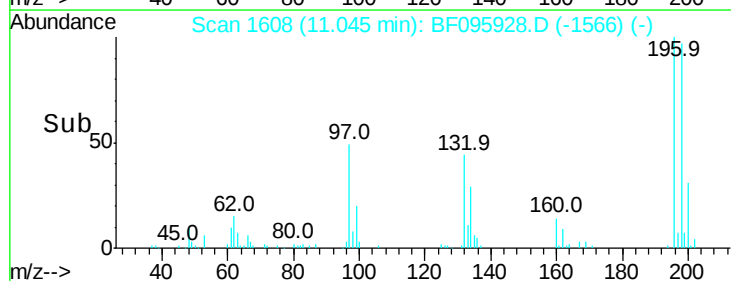
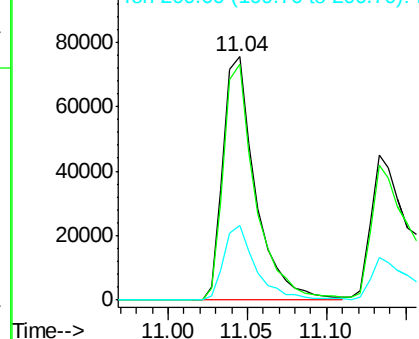


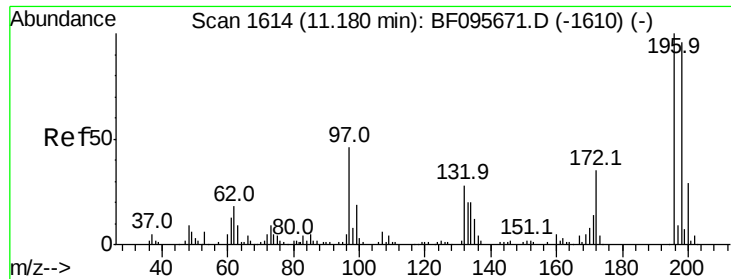
#42
 2,4,6-Trichlorophenol
 Concen: 40.97 ng
 RT: 11.04 min Scan# 1608
 Delta R.T. -0.05 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	74.2	111.4
200	30.6	24.0	36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

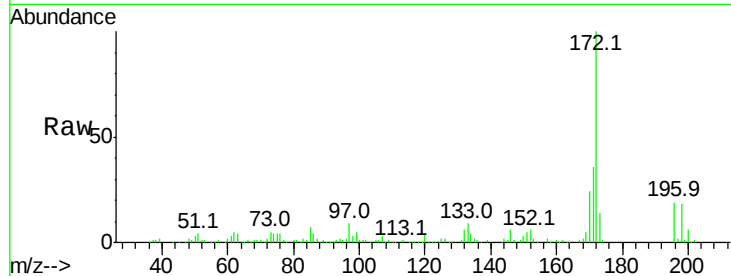




#43
 2,4,5-Trichlorophenol
 Concen: 35.80 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.05 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.1	75.7	113.5
97	48.4	47.7	71.5
132	32.2	28.0	42.0



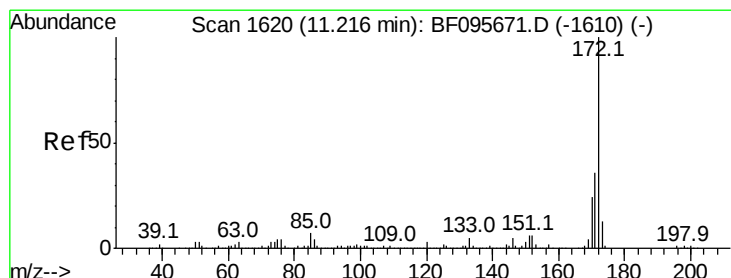
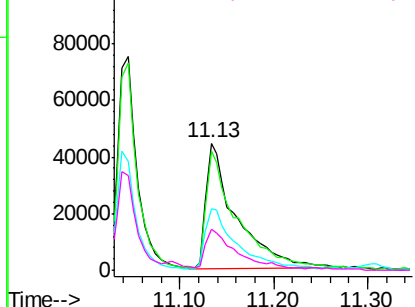
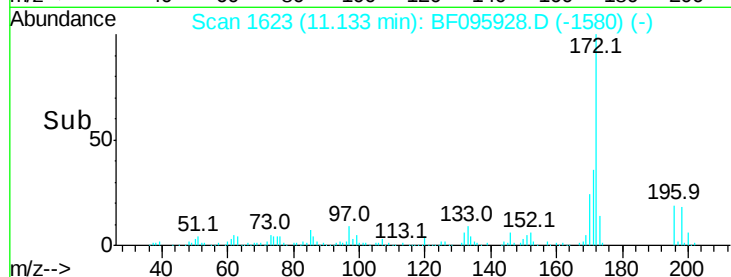
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

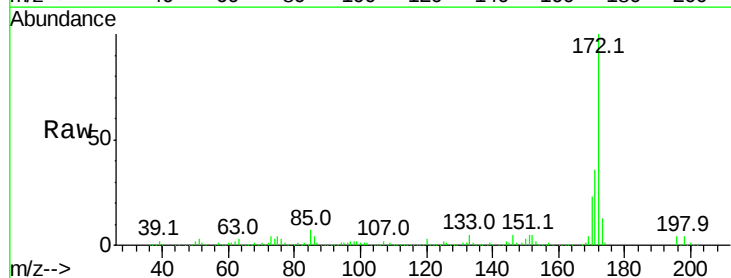
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.84 ng
 RT: 11.15 min Scan# 1626
 Delta R.T. -0.06 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.3	19.8	29.8

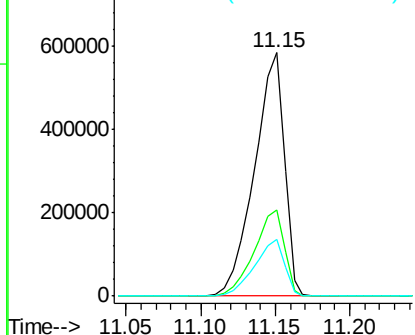
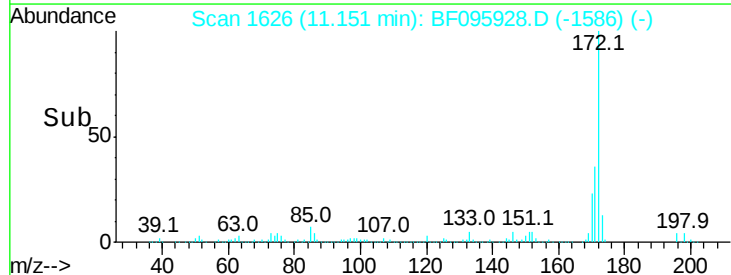


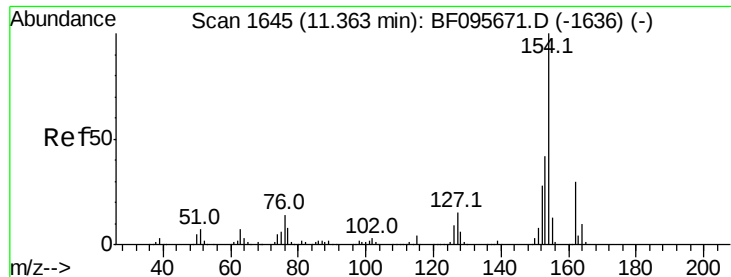
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

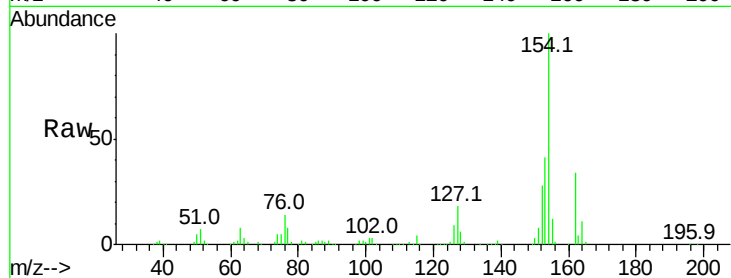




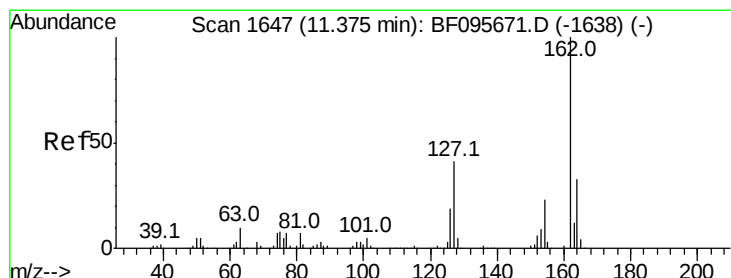
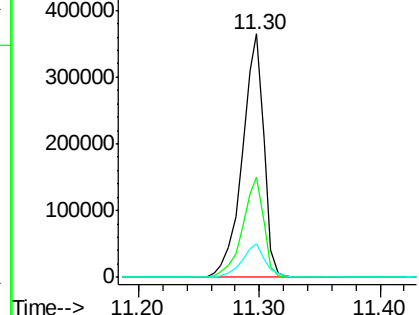
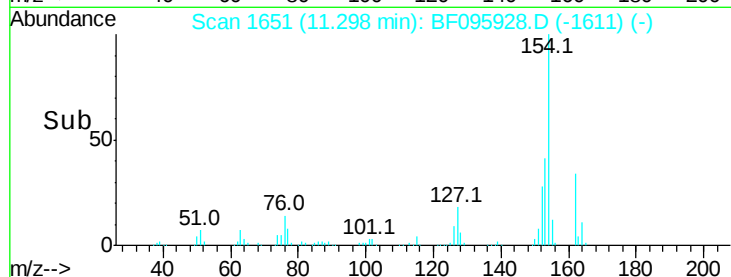
#45
 1,1'-Biphenyl
 Concen: 40.06 ng
 RT: 11.30 min Scan# 1651
 Delta R.T. -0.06 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	13.9	0.0	29.9

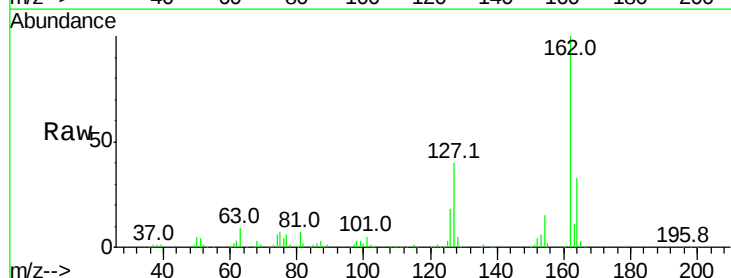


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

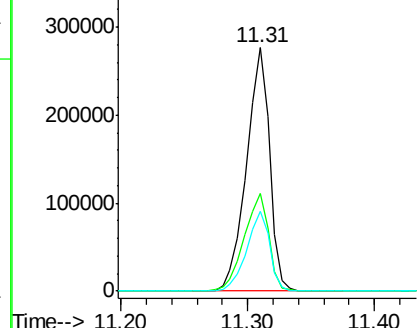
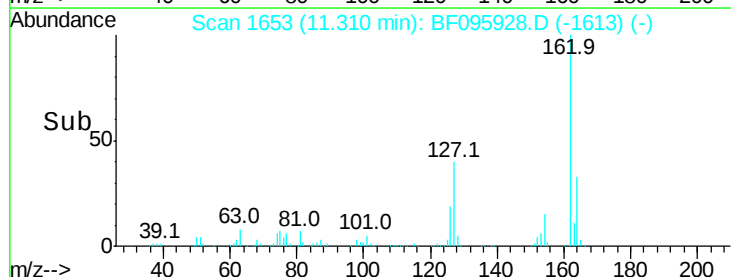


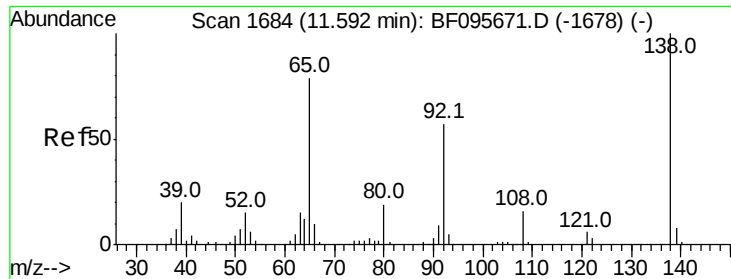
#46
 2-Chloronaphthalene
 Concen: 39.66 ng
 RT: 11.31 min Scan# 1653
 Delta R.T. -0.06 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.0	28.3	42.5
164	33.0	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

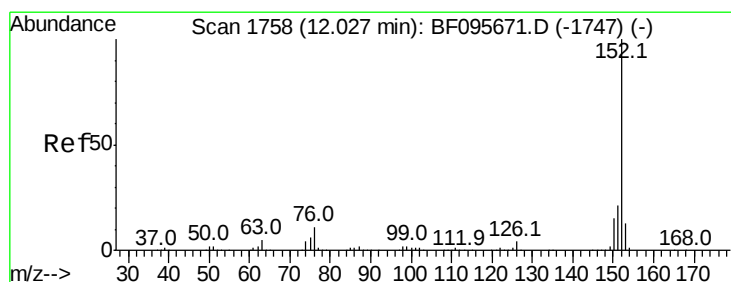
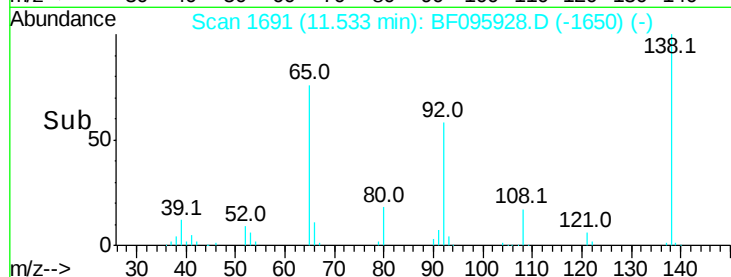
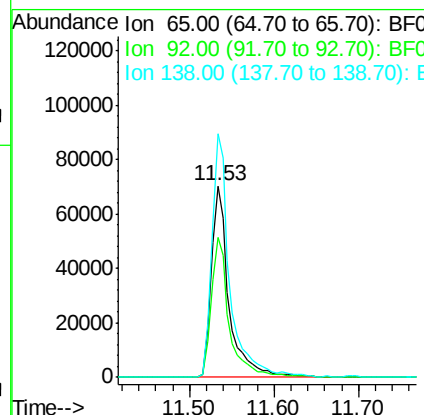
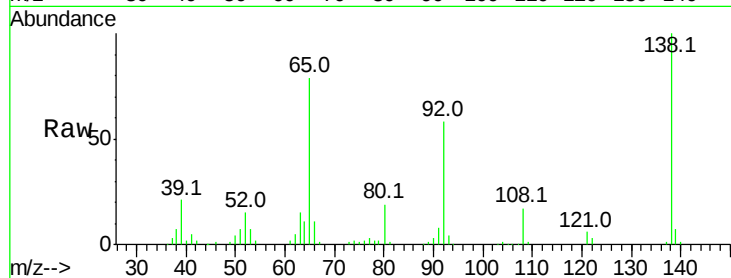




#47
 2-Nitroaniline
 Concen: 40.42 ng
 RT: 11.53 min Scan# 1691
 Delta R.T. -0.06 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

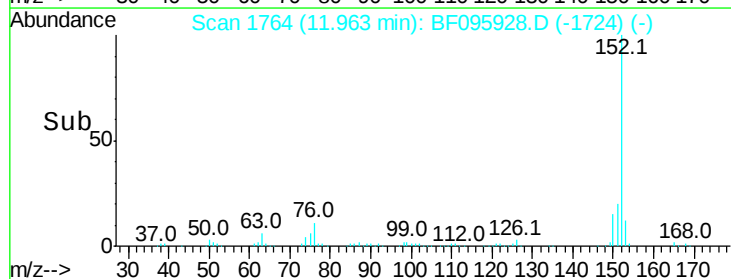
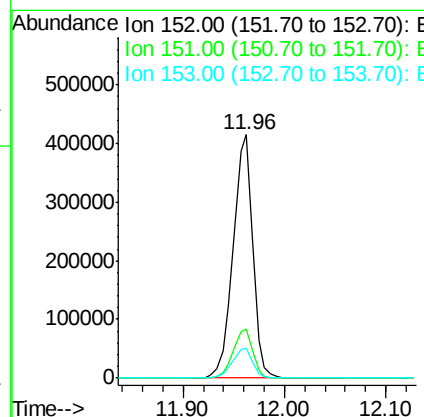
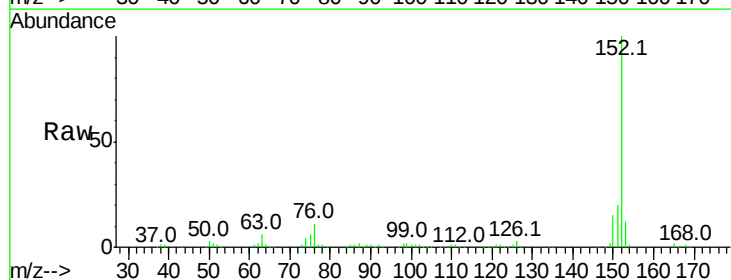
Instrument :
 BNA_F
 ClientSampled :

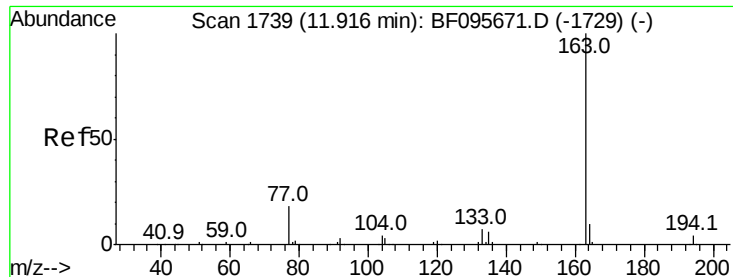
Tot Ion: 65 Resp: 104288
 Ion Ratio Lower Upper
 65 100
 92 73.5 53.9 80.9
 138 127.4 78.8 118.2#



#48
 Acenaphthylene
 Concen: 36.98 ng
 RT: 11.96 min Scan# 1764
 Delta R.T. -0.06 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Tgt Ion:152 Resp: 557527
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.8 25.2
 153 12.4 10.8 16.2





#49

Dimethylphthalate

Concen: 41.72 ng

RT: 11.86 min Scan# 1746

Delta R.T. -0.06 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

Instrument :

BNA_F

ClientSampleId :

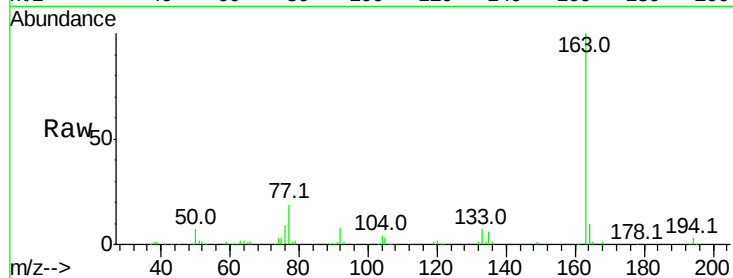
Tot Ion:163 Resp: 433656

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

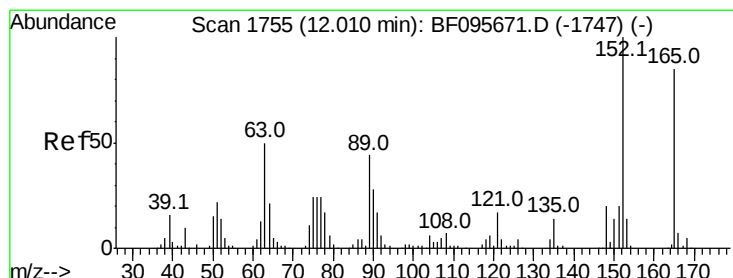
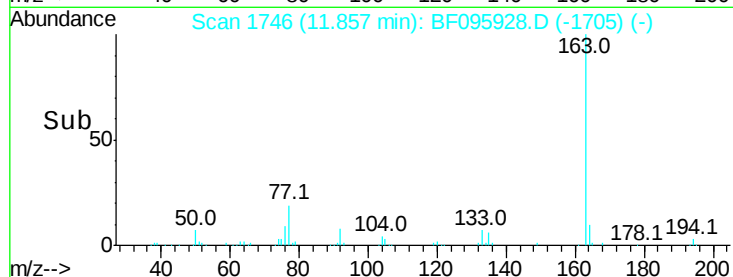
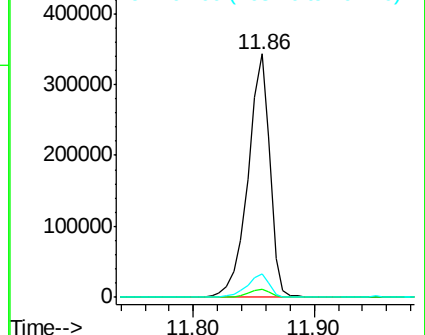
164 9.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.67 ng

RT: 11.95 min Scan# 1762

Delta R.T. -0.06 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

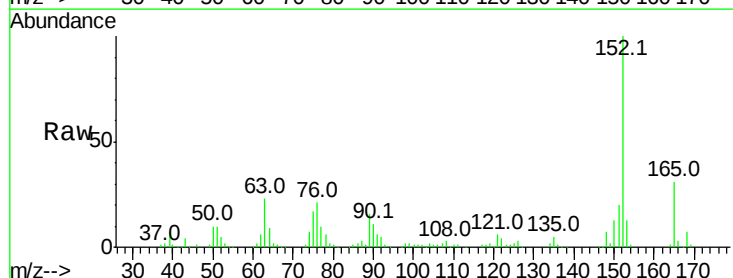
Tgt Ion:165 Resp: 92212

Ion Ratio Lower Upper

165 100

63 72.4 34.3 51.5#

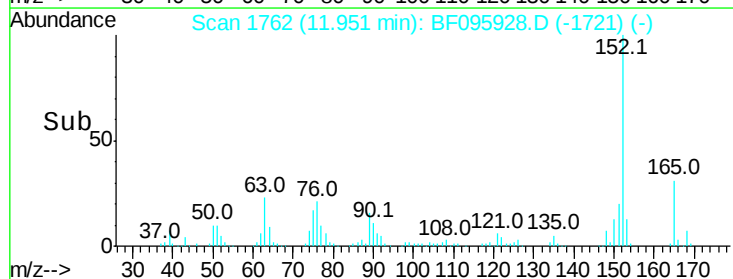
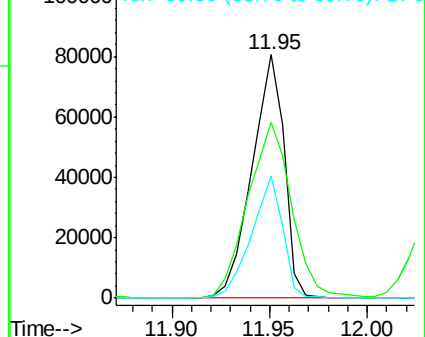
89 50.3 37.1 55.7

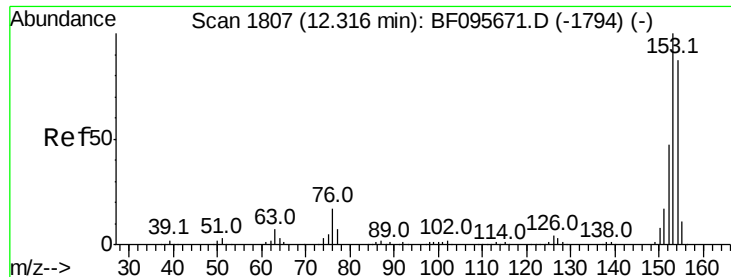


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.35 ng

RT: 12.24 min Scan# 1812

Delta R.T. -0.07 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

Instrument :

BNA_F

ClientSampleId :

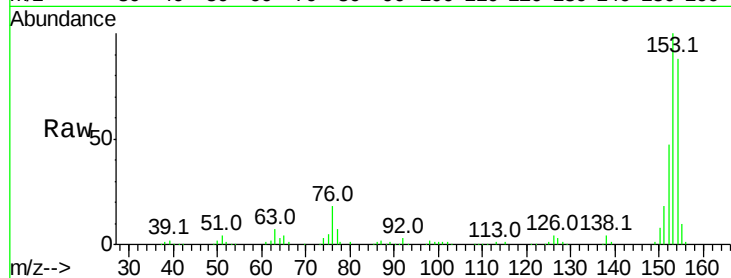
Tot Ion:154 Resp: 333913

Ion Ratio Lower Upper

154 100

153 113.8 90.5 135.7

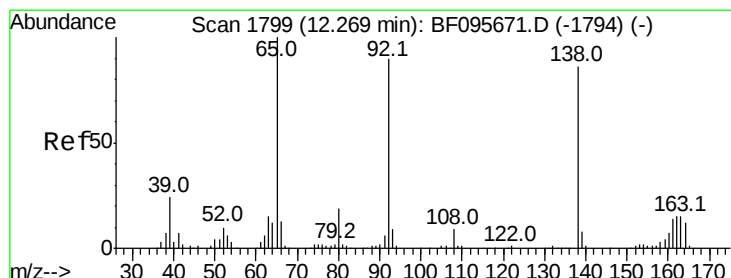
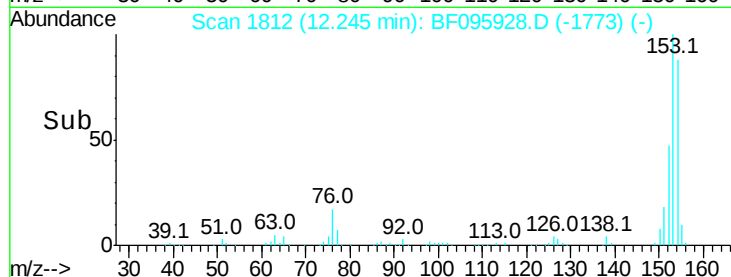
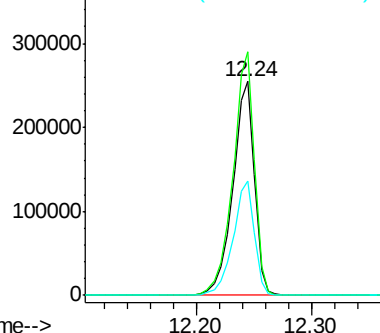
152 53.6 43.6 65.4



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: 24.98 ng

RT: 12.22 min Scan# 1807

Delta R.T. -0.05 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

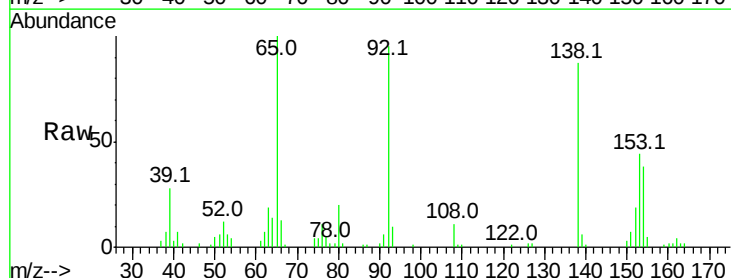
Tgt Ion:138 Resp: 66000

Ion Ratio Lower Upper

138 100

108 12.6 9.1 13.7

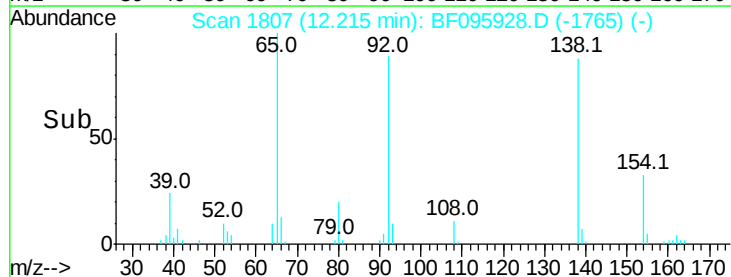
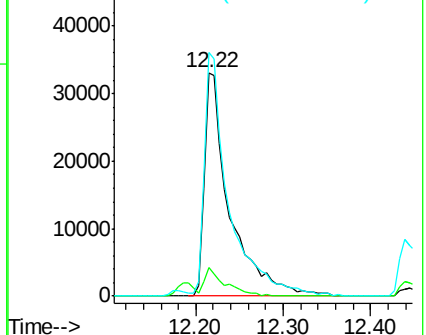
92 109.0 93.8 140.6

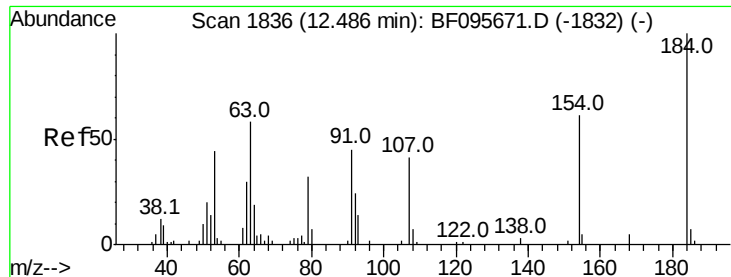


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

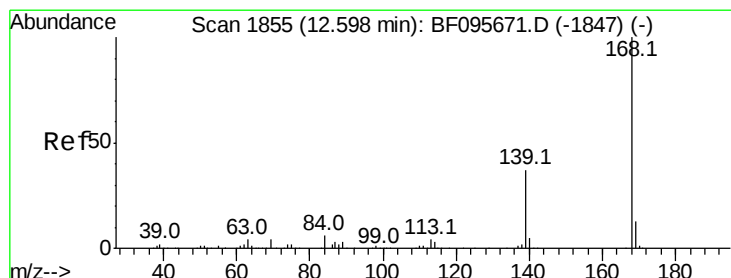
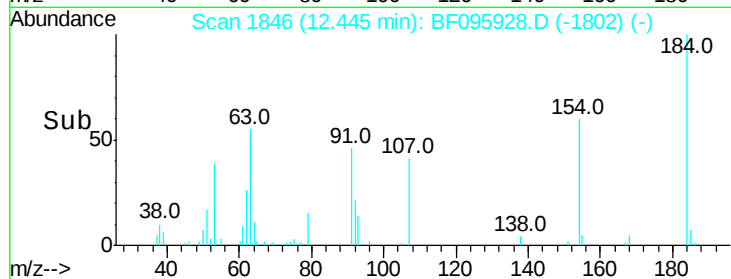
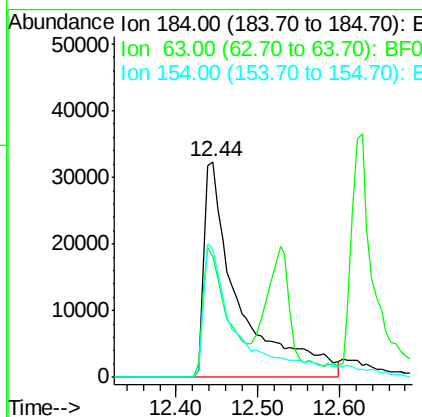
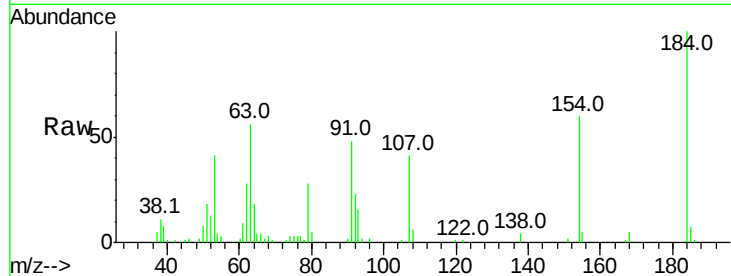




#53
 2,4-Dinitrophenol
 Concen: 75.69 ng
 RT: 12.44 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

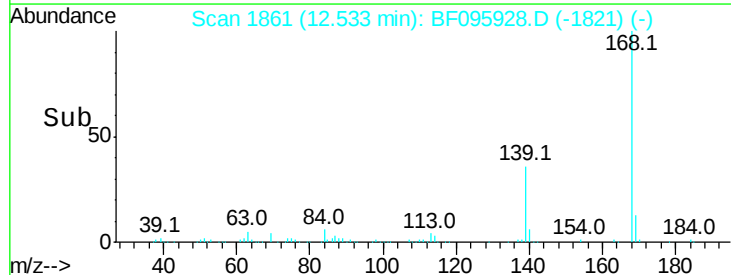
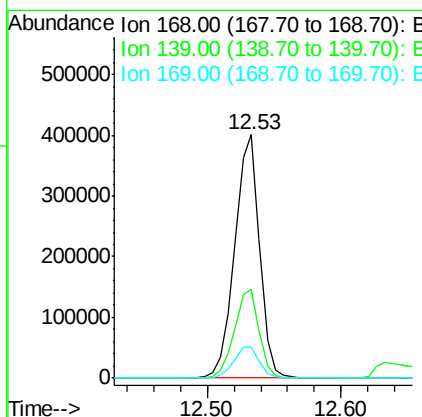
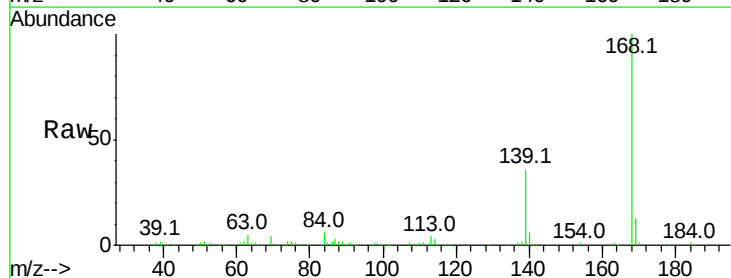
Instrument :
 BNA_F
 ClientSampled :

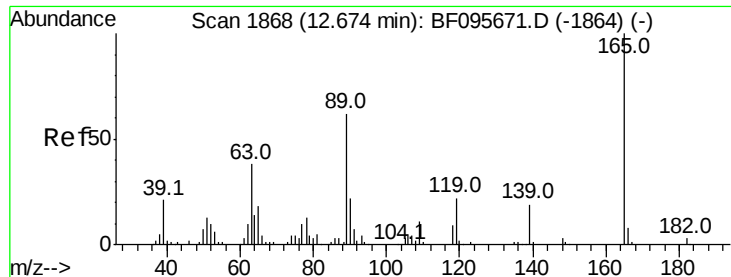
Tot Ion:184 Resp: 96693
 Ion Ratio Lower Upper
 184 100
 63 56.0 62.7 94.1#
 154 59.6 81.1 121.7#



#54
 Dibenzofuran
 Concen: 42.23 ng
 RT: 12.53 min Scan# 1861
 Delta R.T. -0.06 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Tgt Ion:168 Resp: 517532
 Ion Ratio Lower Upper
 168 100
 139 36.3 30.6 45.8
 169 12.8 10.8 16.2

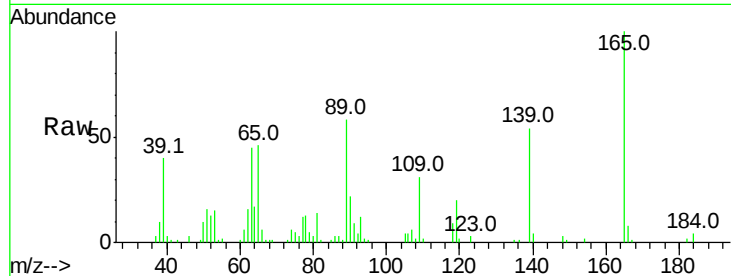




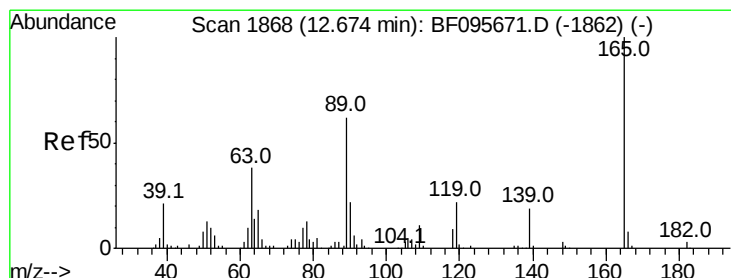
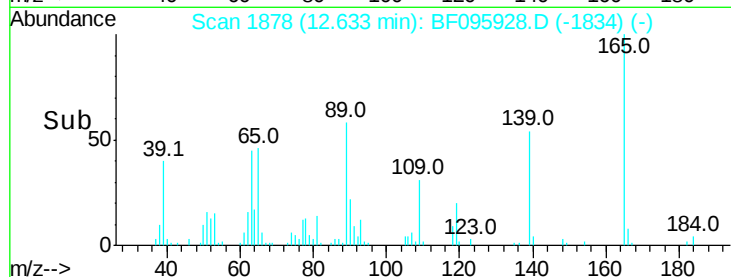
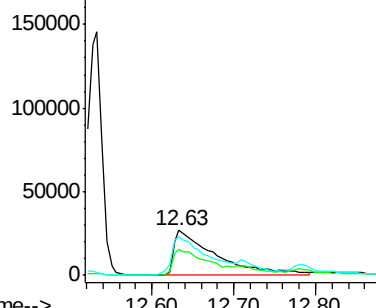
#55
 4-Nitrophenol
 Concen: 64.28 ng
 RT: 12.63 min Scan# 1878
 Delta R.T. -0.04 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:139 Resp: 97660
 Ion Ratio Lower Upper
 139 100
 109 56.6 34.1 74.1
 65 85.5 31.4 71.4#



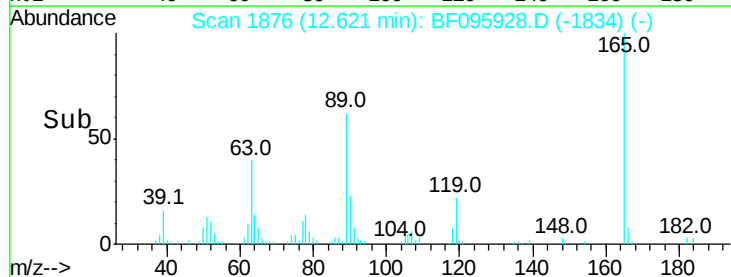
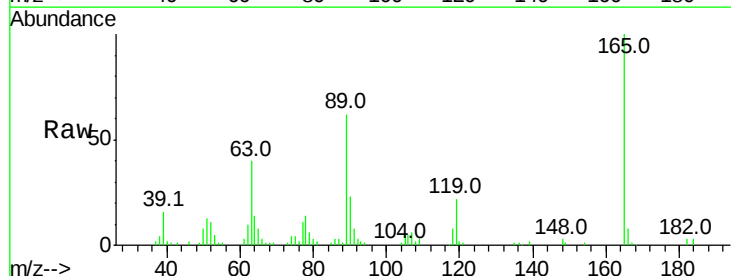
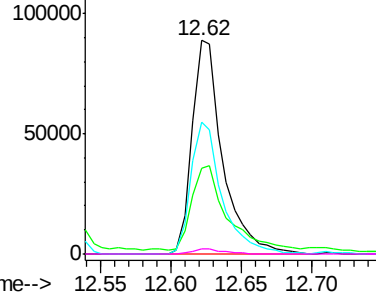
Abundance Ion 139.00 (138.70 to 139.70): E
 200000
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

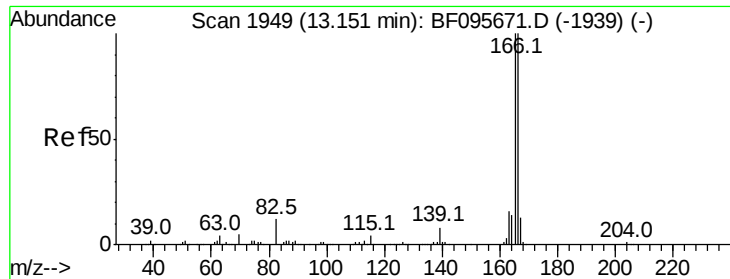


#56
 2,4-Dinitrotoluene
 Concen: 43.78 ng
 RT: 12.62 min Scan# 1876
 Delta R.T. -0.05 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Tgt Ion:165 Resp: 134074
 Ion Ratio Lower Upper
 165 100
 63 40.3 25.4 38.0#
 89 62.0 46.4 69.6
 182 2.6 1.8 2.6

Abundance Ion 165.00 (164.70 to 165.70): E
 100000
 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: 38.91 ng

RT: 13.09 min Scan# 1955

Delta R.T. -0.06 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

Instrument :

BNA_F

ClientSampleId :

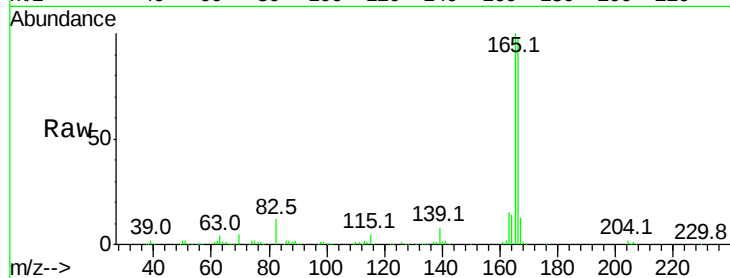
Tot Ion:166 Resp: 415003

Ion Ratio Lower Upper

166 100

165 102.0 78.8 118.2

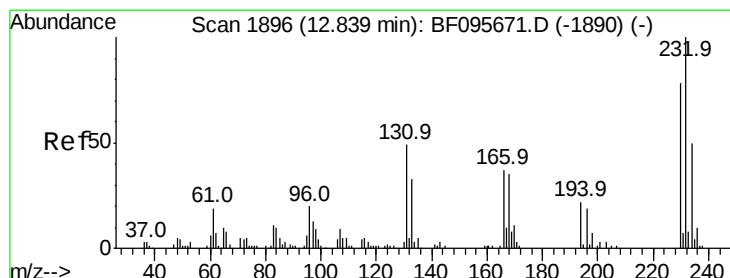
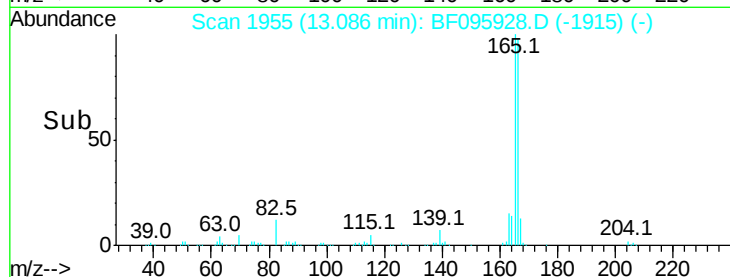
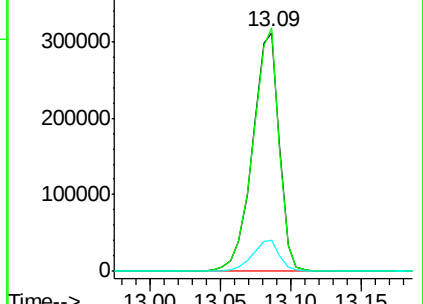
167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.90 ng

RT: 12.79 min Scan# 1904

Delta R.T. -0.05 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

Tgt Ion:232 Resp: 86091

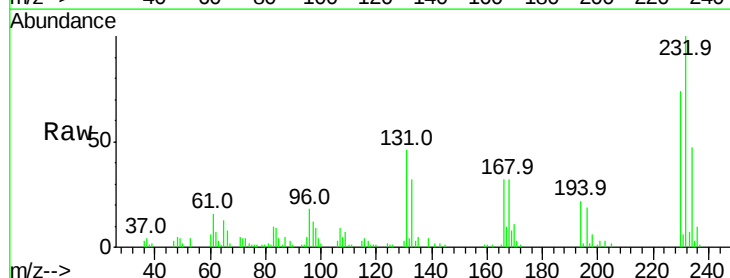
Ion Ratio Lower Upper

232 100

131 51.1 44.8 67.2

130 2.2 2.3 3.5#

166 37.2 29.0 43.4

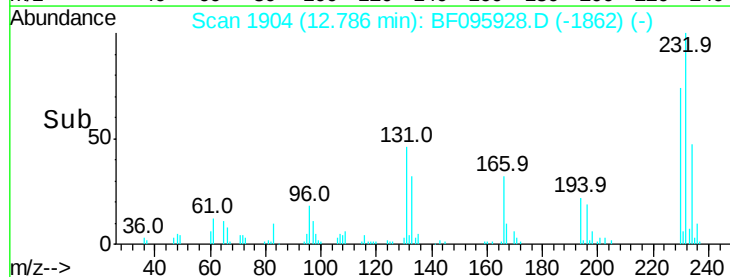
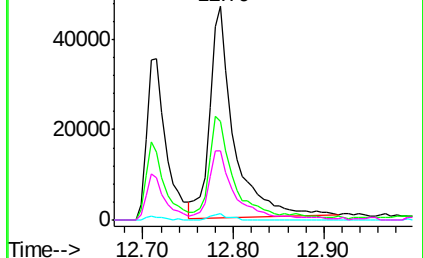


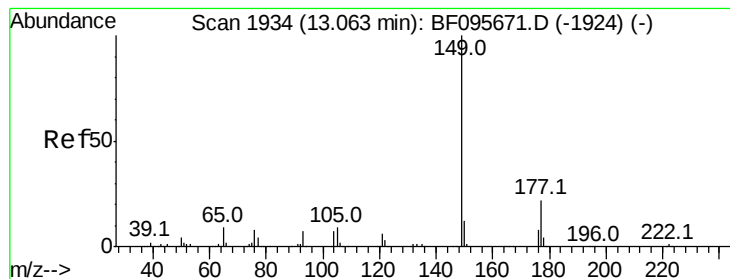
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.78 ng

RT: 13.00 min Scan# 1941

Delta R.T. -0.06 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

Instrument :

BNA_F

ClientSampleId :

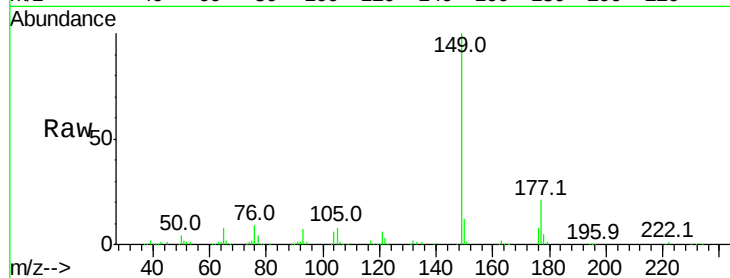
Tot Ion:149 Resp: 428011

Ion Ratio Lower Upper

149 100

177 21.1 16.7 25.1

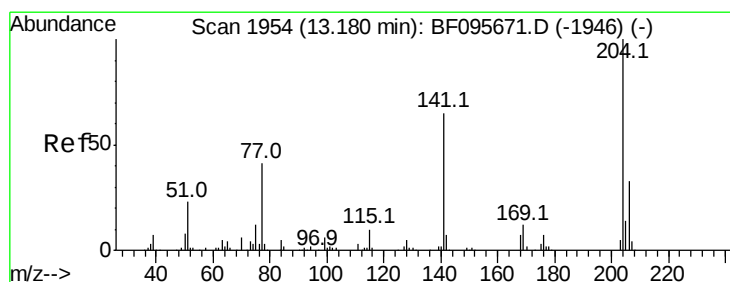
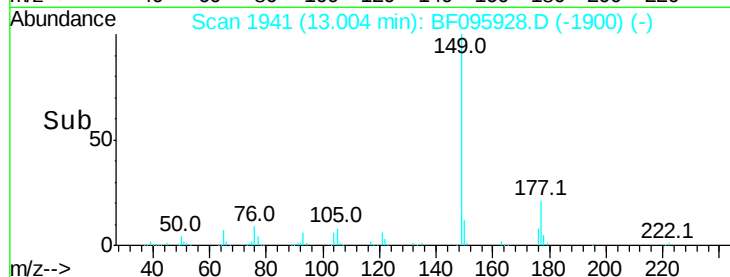
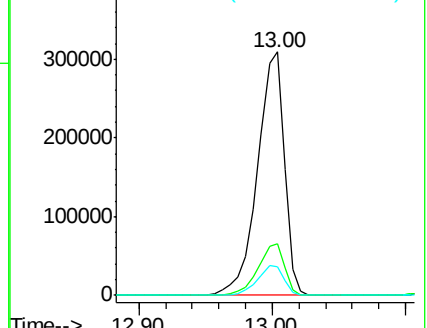
150 11.9 10.2 15.2



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: 40.32 ng

RT: 13.11 min Scan# 1959

Delta R.T. -0.07 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

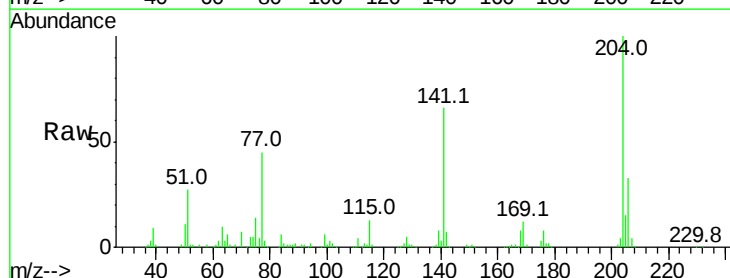
Tgt Ion:204 Resp: 187021

Ion Ratio Lower Upper

204 100

206 32.9 26.2 39.2

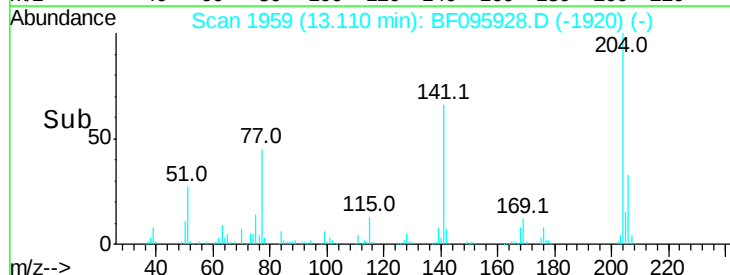
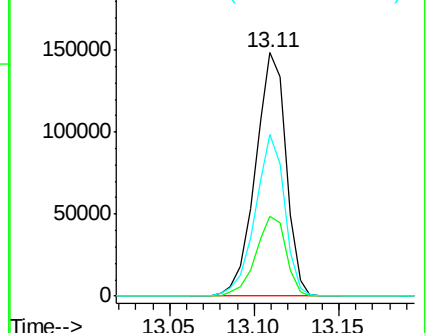
141 66.2 60.8 91.2

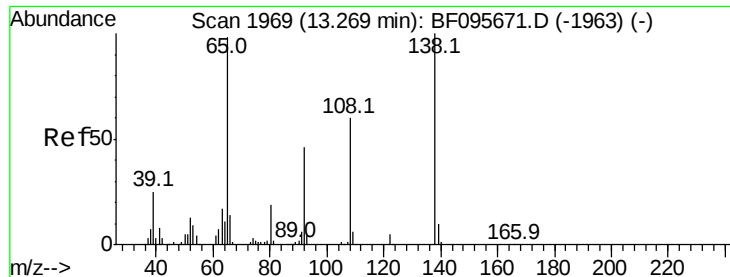


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

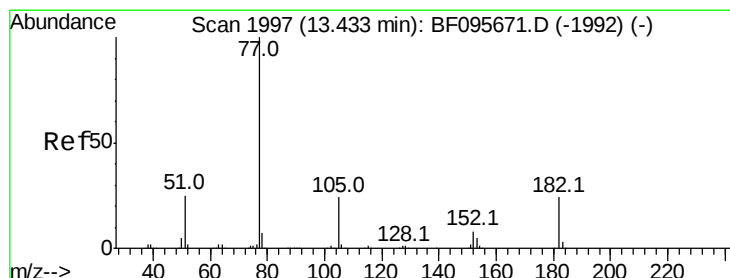
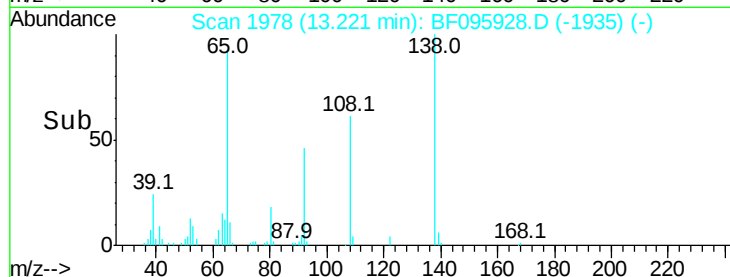
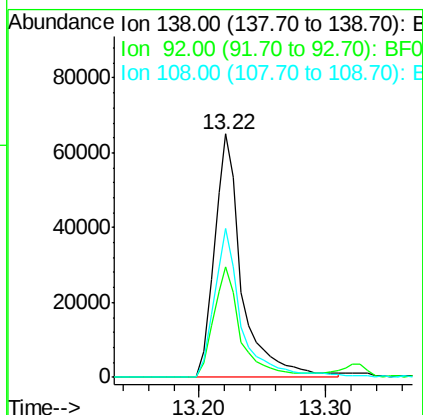
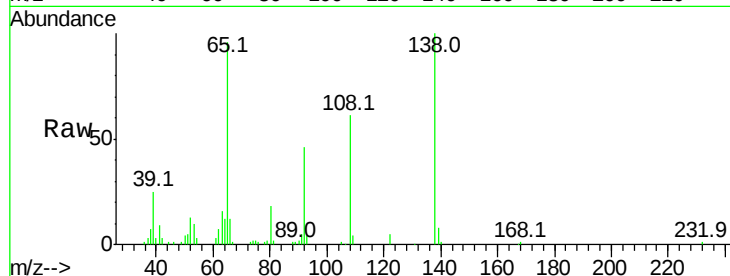




#61
4-Nitroaniline
Concen: 39.83 ng
RT: 13.22 min Scan# 1978
Delta R.T. -0.05 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

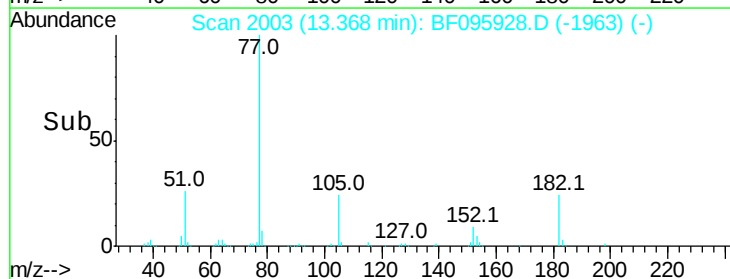
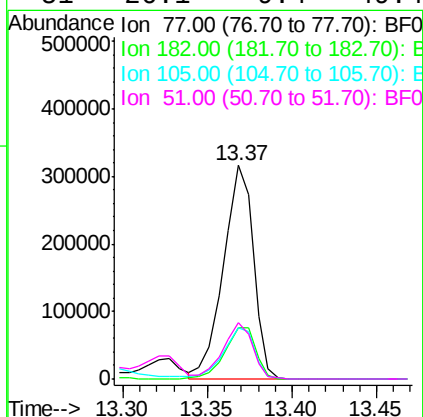
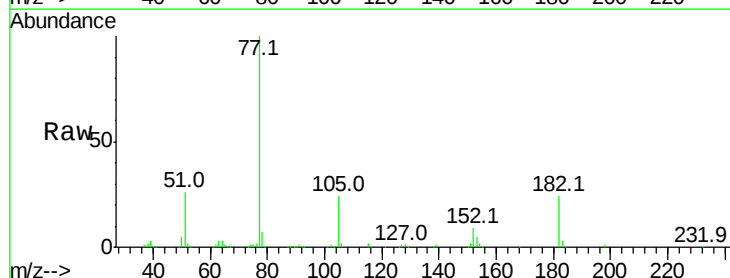
Instrument :
BNA_F
ClientSampled :

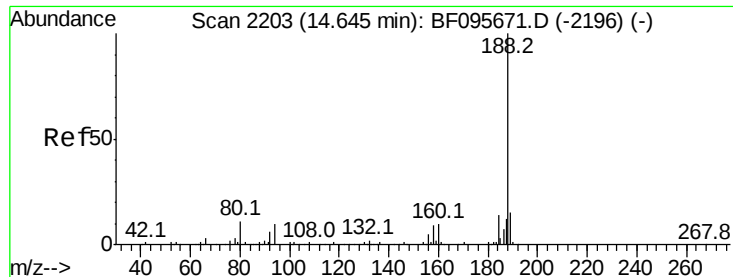
Tot Ion:138 Resp: 98256
Ion Ratio Lower Upper
138 100
92 45.6 21.8 61.8
108 61.1 42.3 82.3



#62
Azobenzene
Concen: 43.29 ng
RT: 13.37 min Scan# 2003
Delta R.T. -0.06 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

Tgt Ion: 77 Resp: 392553
Ion Ratio Lower Upper
77 100
182 24.2 0.1 40.1
105 23.8 3.6 43.6
51 26.1 9.4 49.4

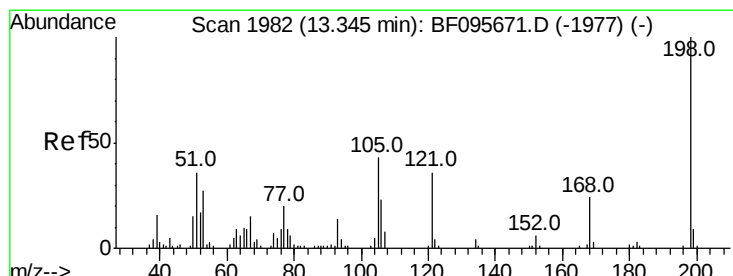
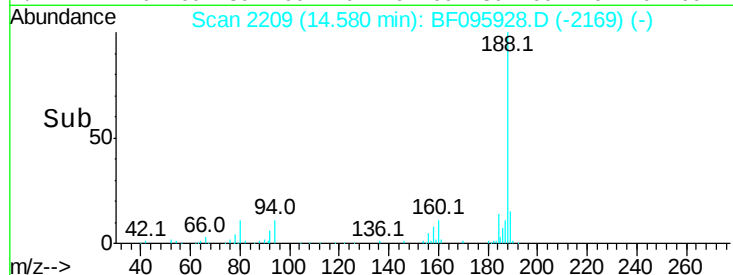
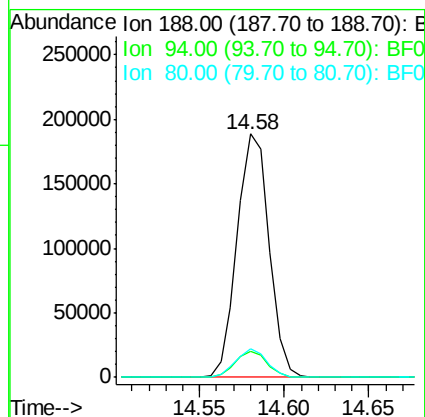




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

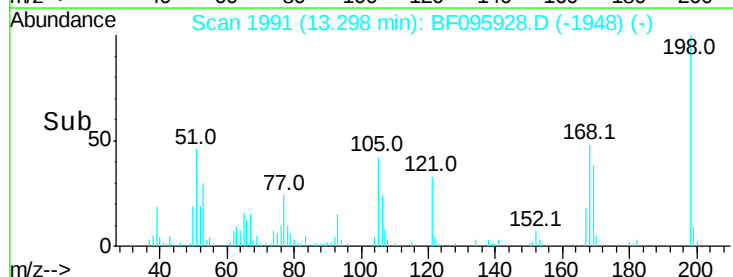
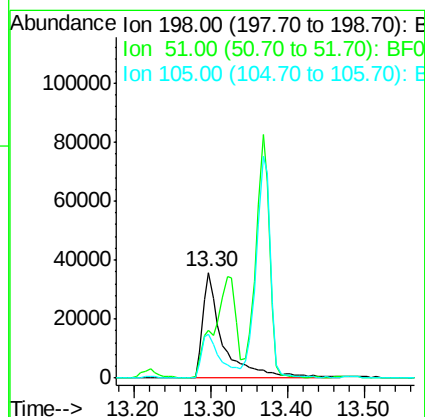
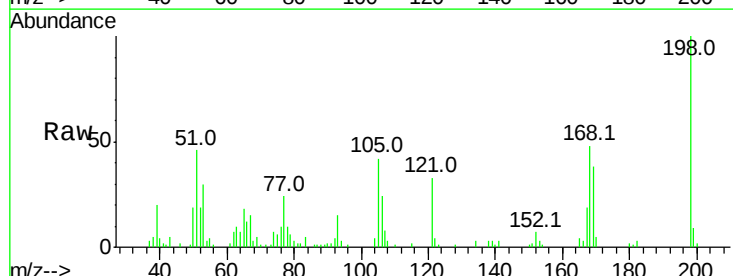
Instrument :
BNA_F
ClientSampleId :

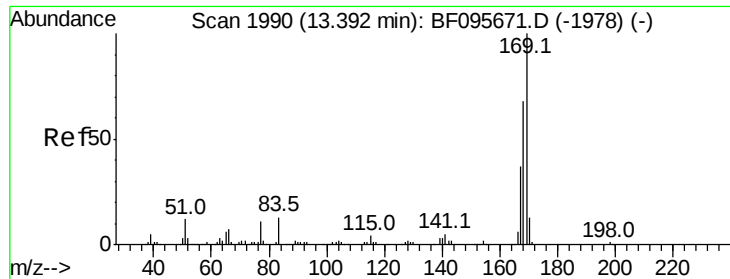
Tot Ion:188 Resp: 249481
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 40.09 ng
RT: 13.30 min Scan# 1991
Delta R.T. -0.05 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

Tgt Ion:198 Resp: 65740
Ion Ratio Lower Upper
198 100
51 45.8 53.2 93.2#
105 42.2 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 40.42 ng

RT: 13.33 min Scan# 1996

Delta R.T. -0.06 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

Instrument :

BNA_F

ClientSampleId :

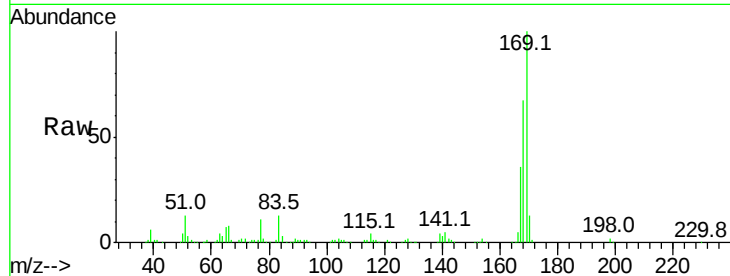
Tot Ion:169 Resp: 362343

Ion Ratio Lower Upper

169 100

168 67.4 53.2 79.8

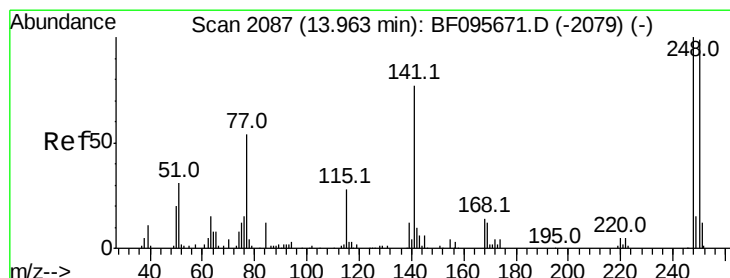
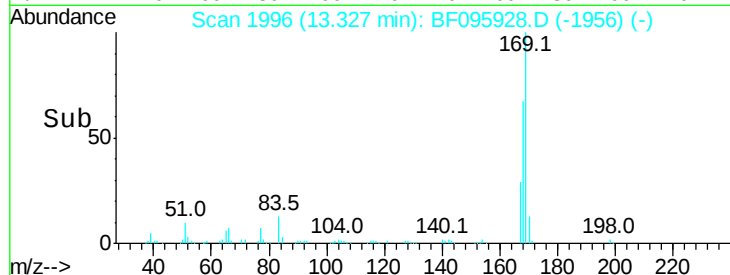
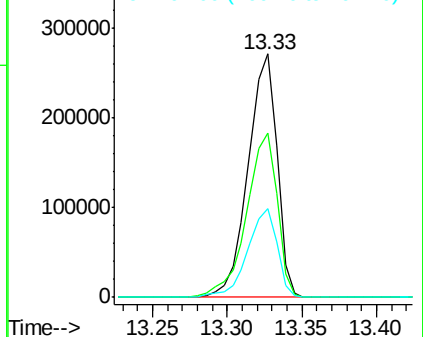
167 36.2 29.5 44.3



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: 41.71 ng

RT: 13.89 min Scan# 2092

Delta R.T. -0.07 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

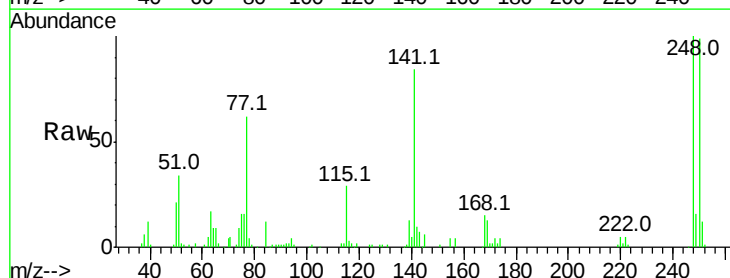
Tgt Ion:248 Resp: 108139

Ion Ratio Lower Upper

248 100

250 98.5 76.8 115.2

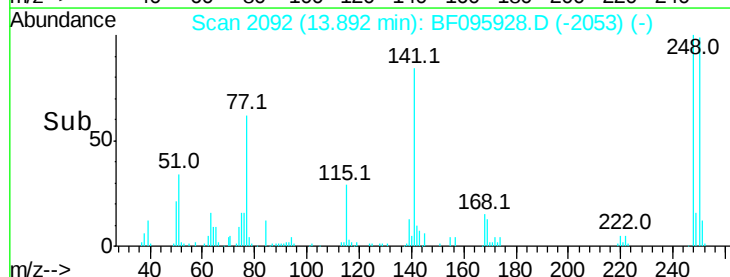
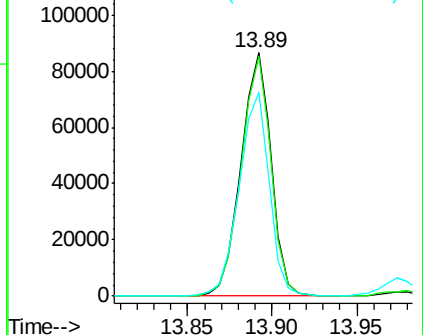
141 83.8 68.6 103.0

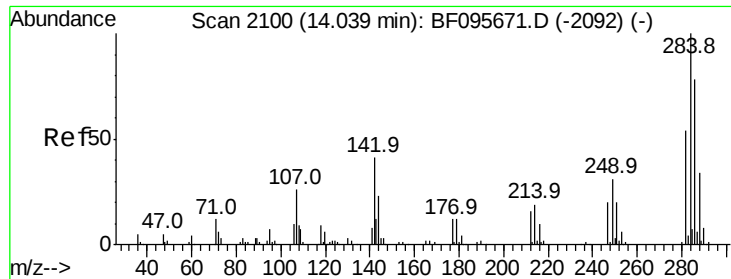


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

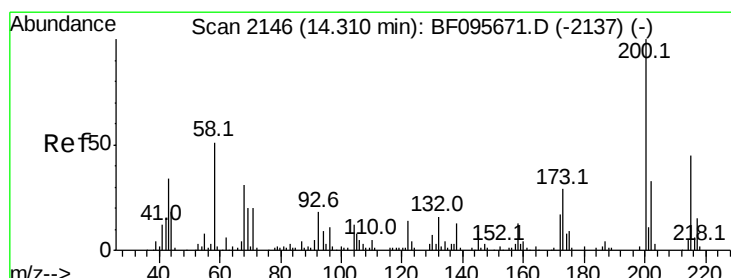
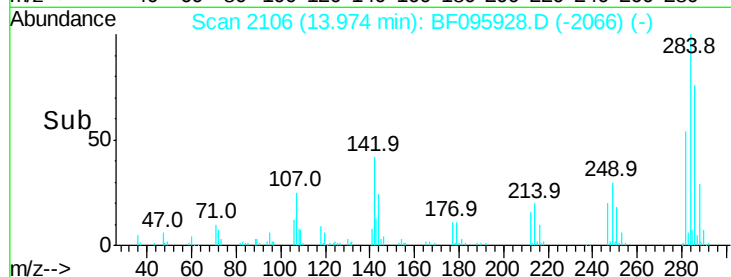
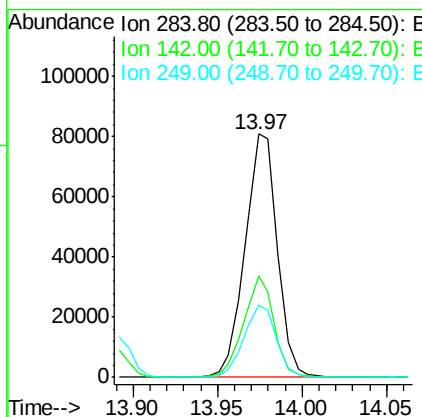
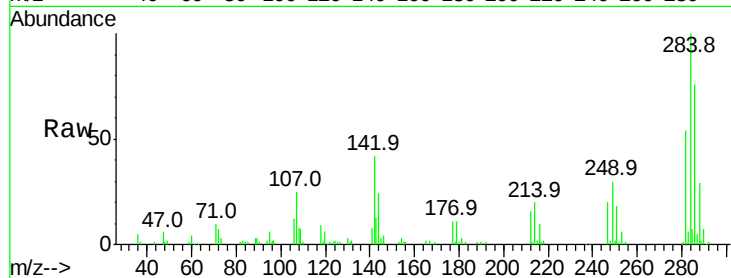




#67
Hexachlorobenzene
Concen: 42.15 ng
RT: 13.97 min Scan# 2106
Delta R.T. -0.06 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

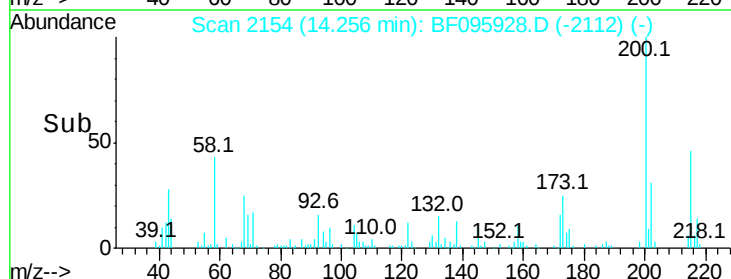
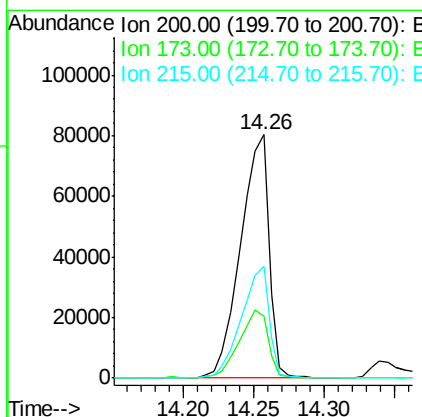
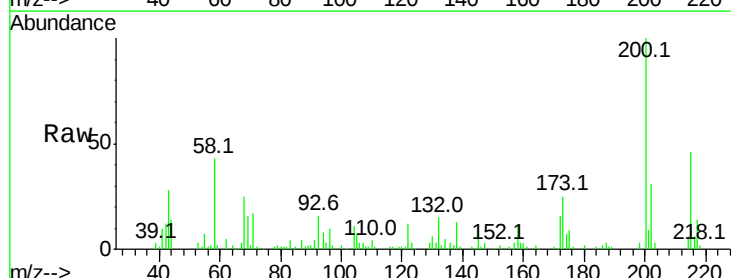
Instrument :
BNA_F
ClientSampled :

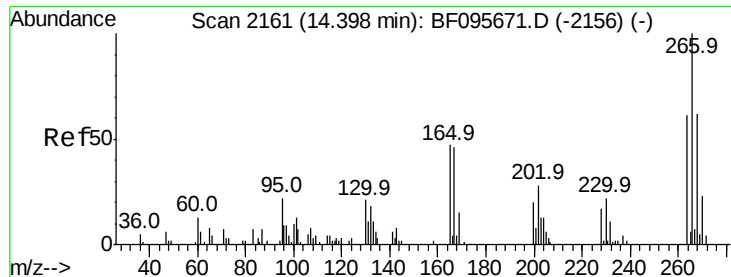
Tot Ion:284 Resp: 107687
Ion Ratio Lower Upper
284 100
142 41.7 22.8 34.2#
249 29.5 24.0 36.0



#68
Atrazine
Concen: 45.42 ng
RT: 14.26 min Scan# 2154
Delta R.T. -0.05 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

Tgt Ion:200 Resp: 113318
Ion Ratio Lower Upper
200 100
173 25.3 6.3 46.3
215 45.9 27.2 67.2

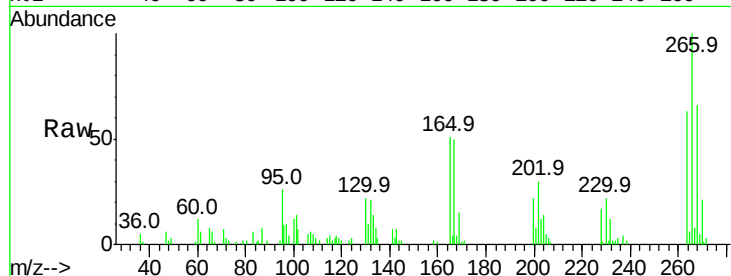




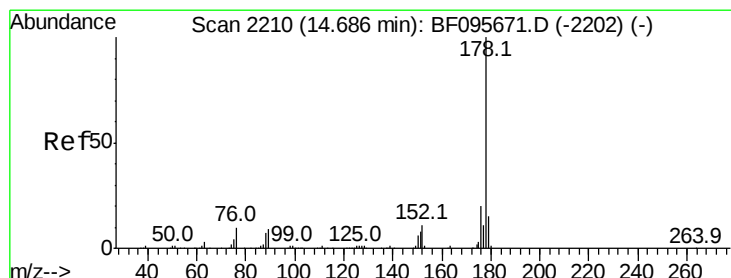
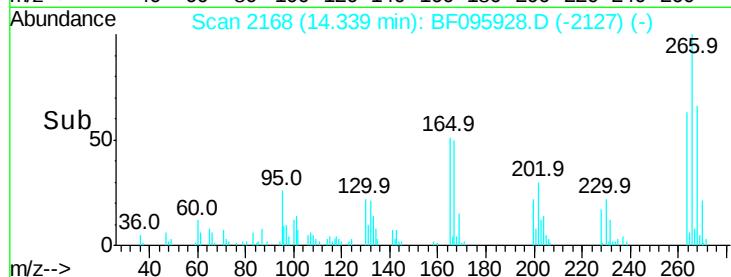
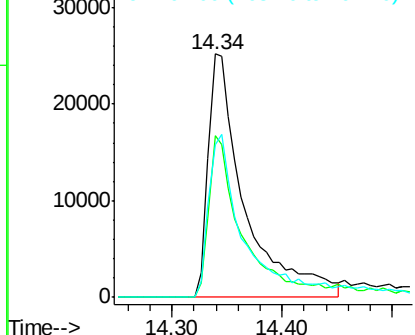
#69
 Pentachlorophenol
 Concen: 60.87 ng
 RT: 14.34 min Scan# 2168
 Delta R.T. -0.06 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 57305
 Ion Ratio Lower Upper
 266 100
 268 66.2 51.1 76.7
 264 62.7 51.7 77.5

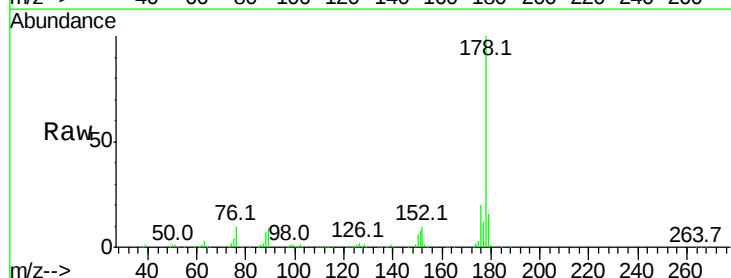


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

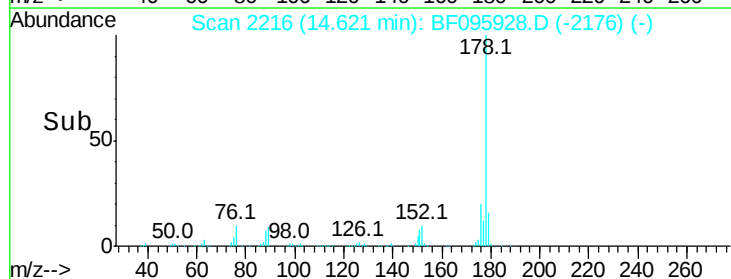
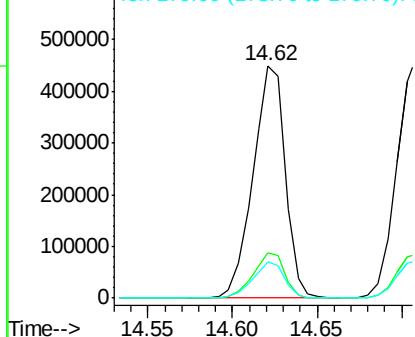


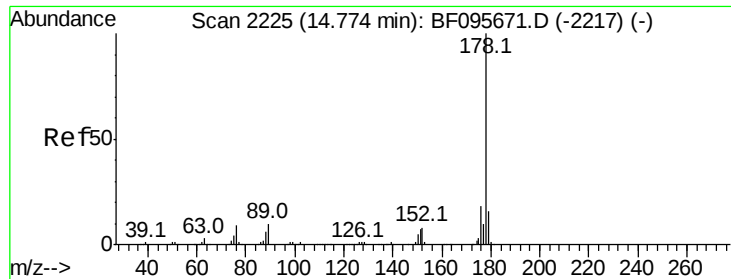
#70
 Phenanthrene
 Concen: 41.42 ng
 RT: 14.62 min Scan# 2216
 Delta R.T. -0.06 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Tgt Ion:178 Resp: 596280
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.7 12.6 19.0



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

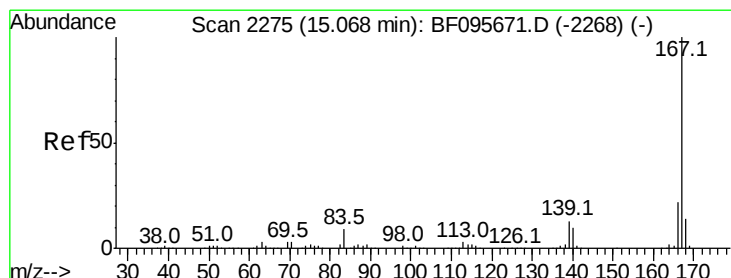
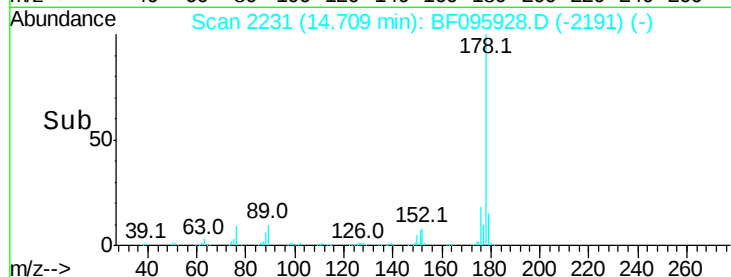
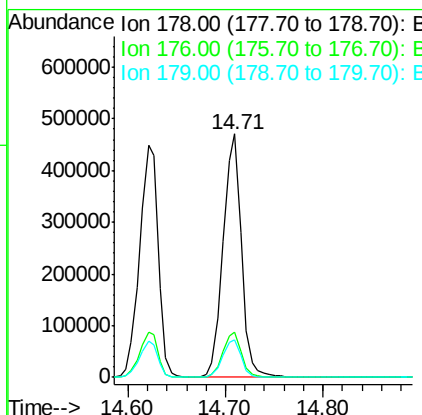
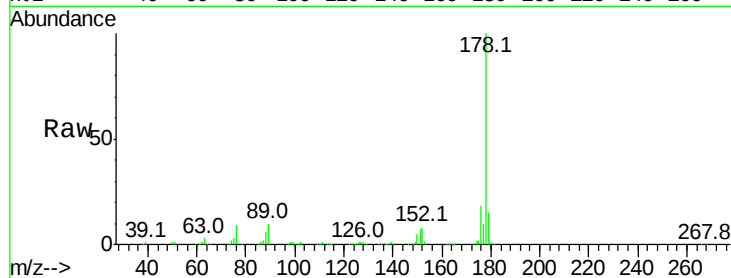




#71
 Anthracene
 Concen: 40.94 ng
 RT: 14.71 min Scan# 2231
 Delta R.T. -0.06 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

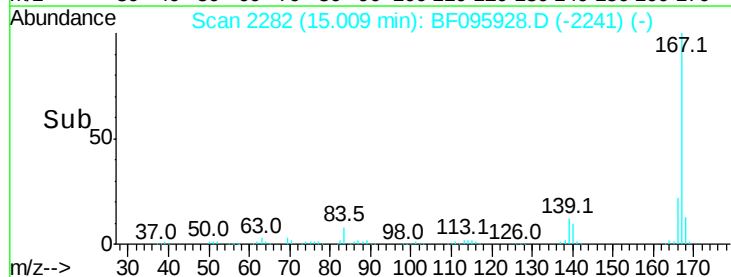
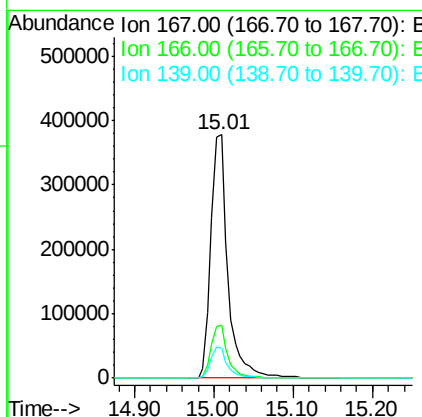
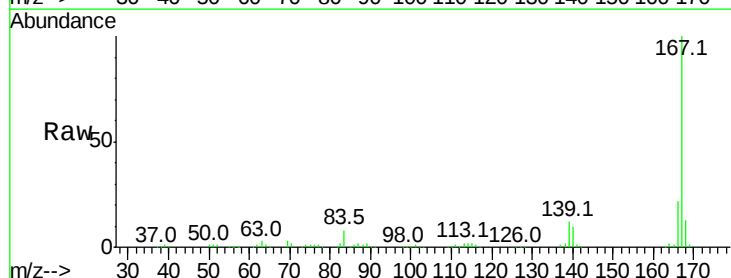
Instrument :
 BNA_F
 ClientSampleId :

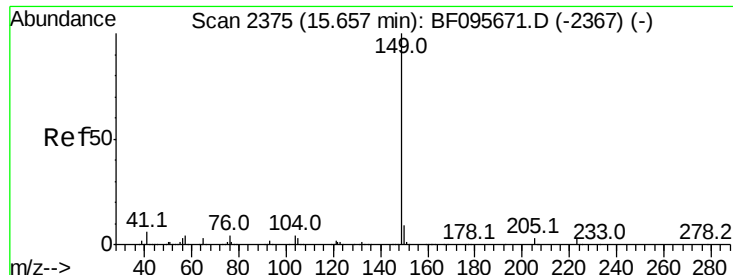
Tot Ion:178 Resp: 615181
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 38.77 ng
 RT: 15.01 min Scan# 2282
 Delta R.T. -0.06 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Tgt Ion:167 Resp: 567761
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 12.3 11.7 17.5

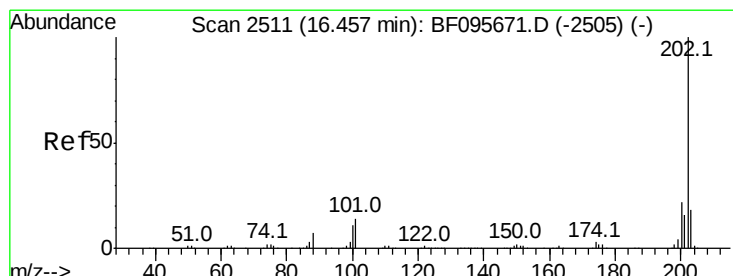
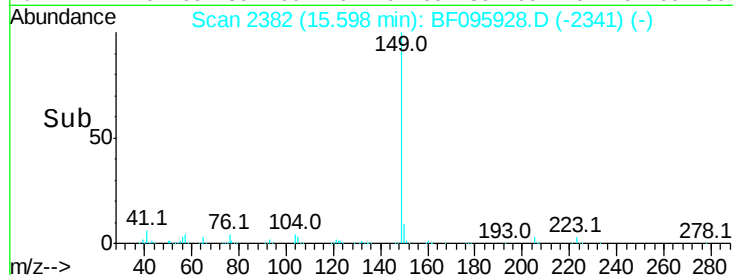
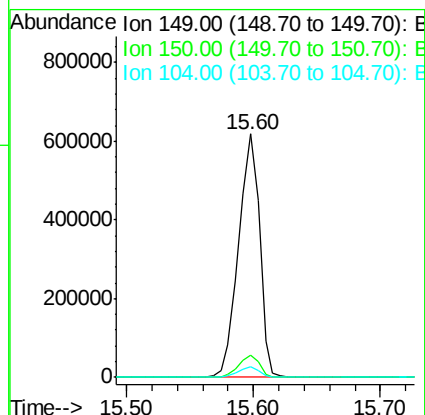
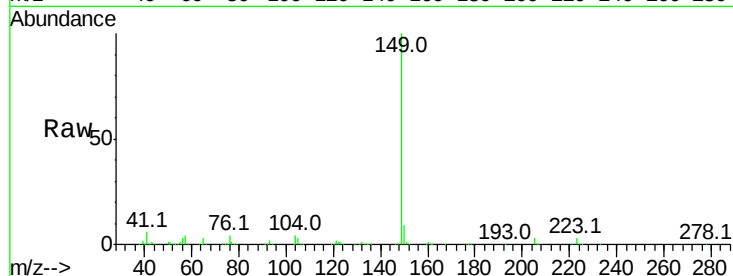




#73
Di-n-butylphthalate
Concen: 45.30 ng
RT: 15.60 min Scan# 2382
Delta R.T. -0.06 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

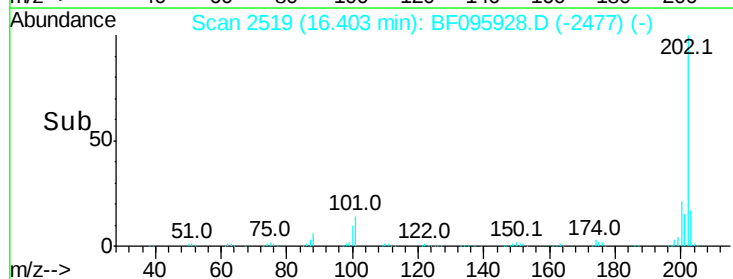
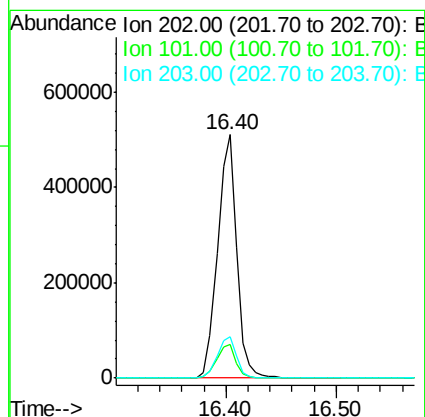
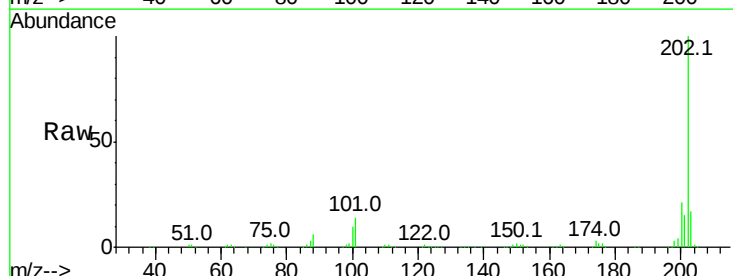
Instrument :
BNA_F
ClientSampleId :

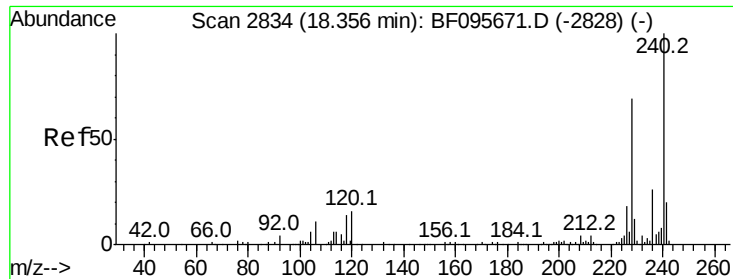
Tot Ion:149 Resp: 705748
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 42.80 ng
RT: 16.40 min Scan# 2519
Delta R.T. -0.05 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

Tgt Ion:202 Resp: 609723
Ion Ratio Lower Upper
202 100
101 13.7 0.0 33.2
203 17.1 0.0 38.1

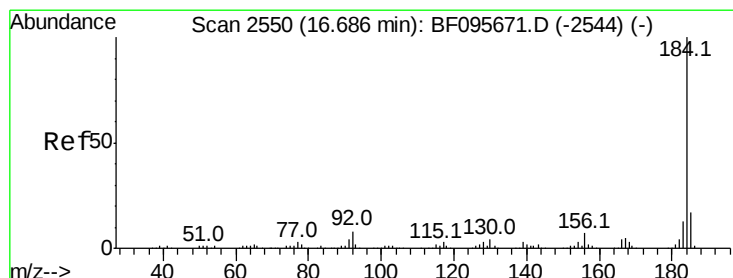
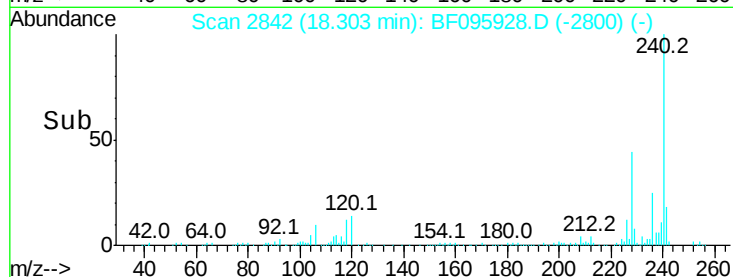
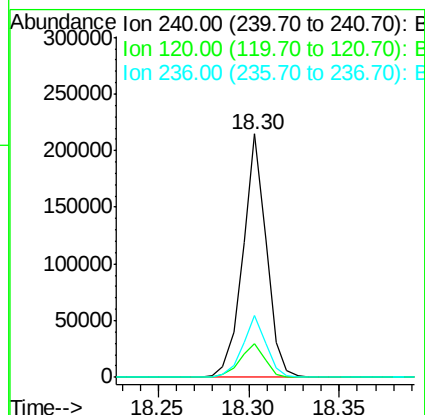
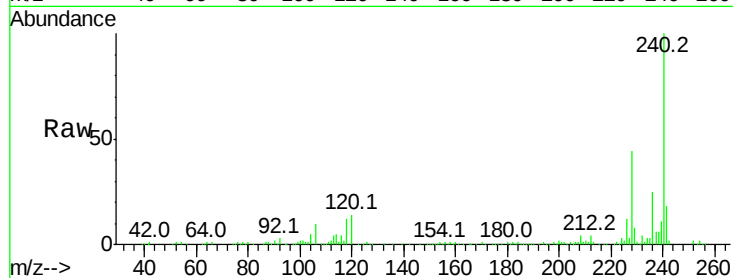




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.30 min Scan# 2842
Delta R.T. -0.05 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

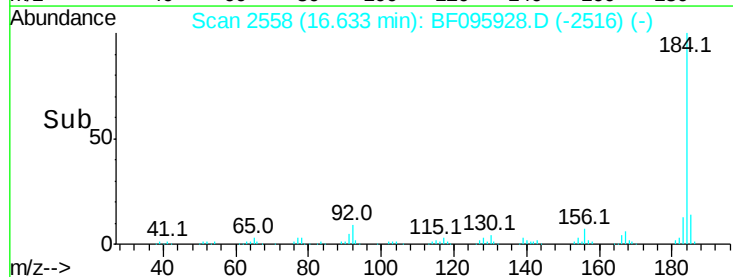
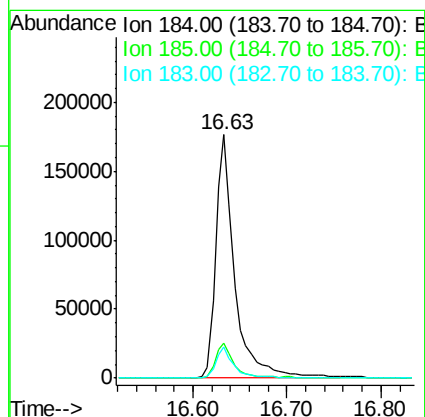
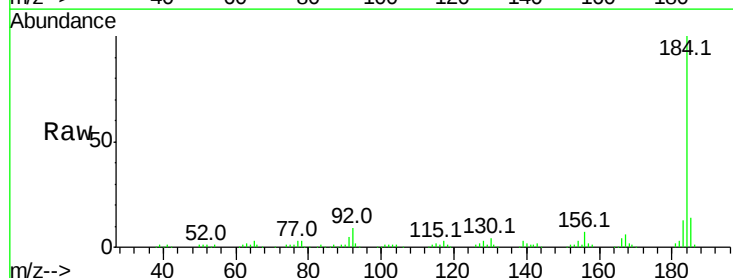
Instrument :
BNA_F
ClientSampled :

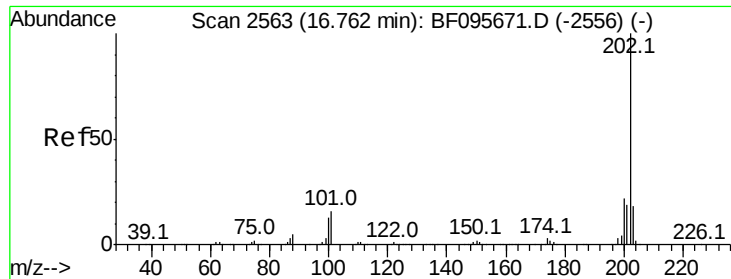
Tot Ion:240 Resp: 193374
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 25.4 20.5 30.7



#76
Benzidine
Concen: 33.72 ng
RT: 16.63 min Scan# 2558
Delta R.T. -0.05 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

Tgt Ion:184 Resp: 250415
Ion Ratio Lower Upper
184 100
185 14.3 15.5 23.3#
183 13.0 9.8 14.6

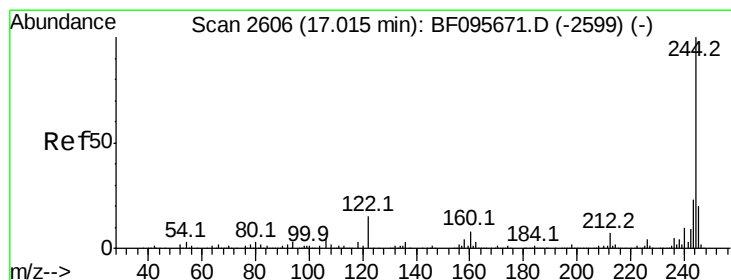
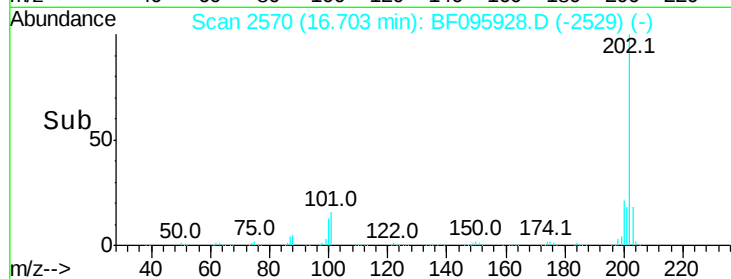
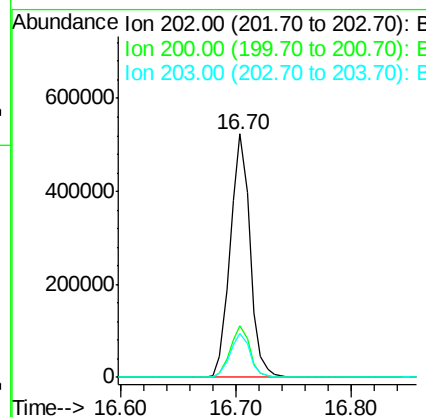
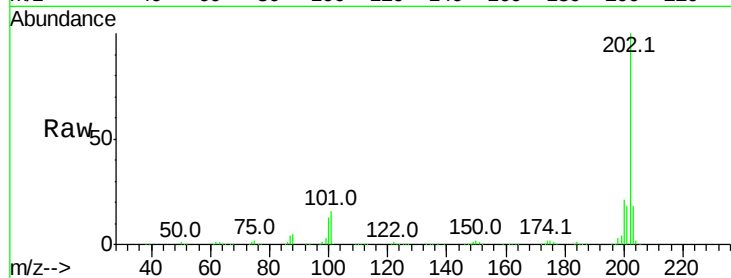




#77
Pvrene
Concen: 42.92 ng
RT: 16.70 min Scan# 2570
Delta R.T. -0.06 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

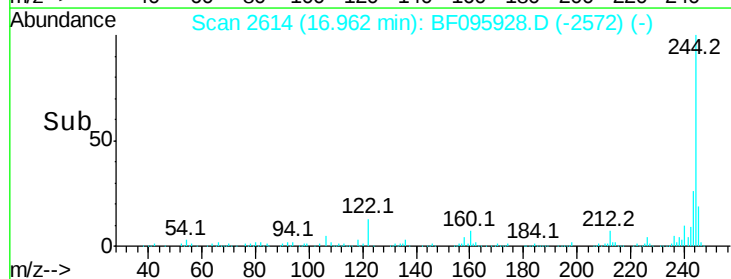
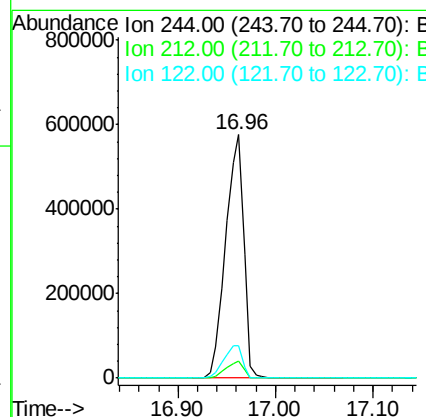
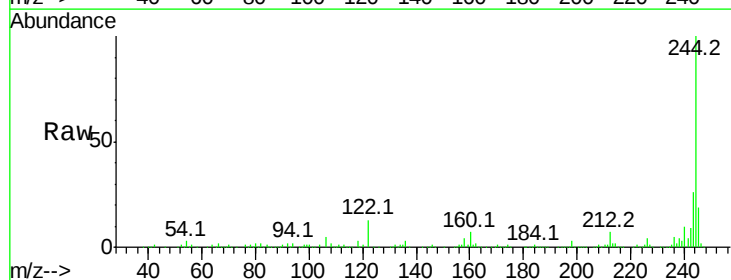
Instrument :
BNA_F
ClientSampleId :

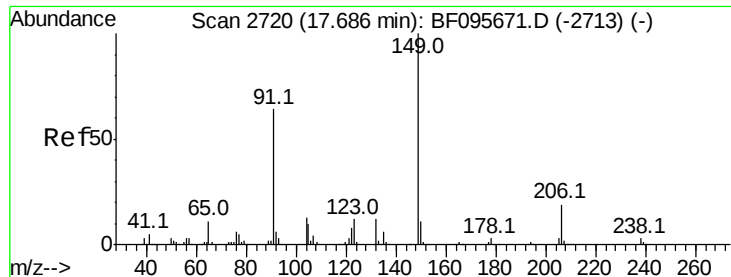
Tot Ion:202 Resp: 619214
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 17.9 14.4 21.6



#78
Terphenyl-d14
Concen: 95.09 ng
RT: 16.96 min Scan# 2614
Delta R.T. -0.05 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

Tgt Ion:244 Resp: 740922
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 13.5 10.3 15.5

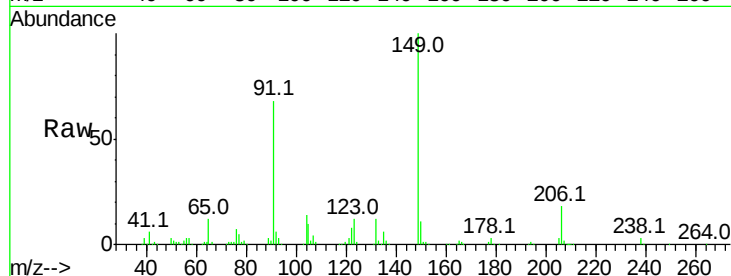




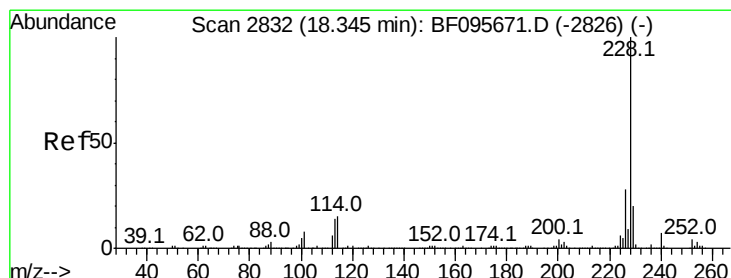
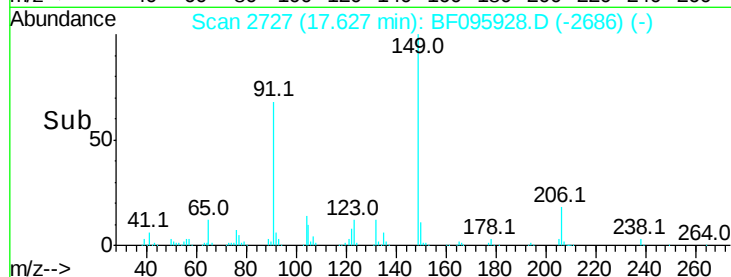
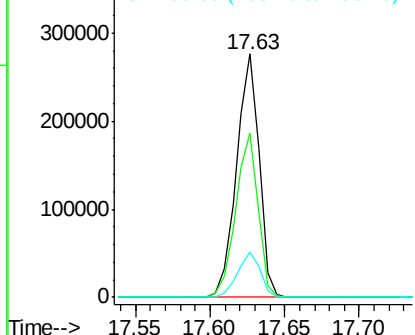
#79
Butylbenzylphthalate
Concen: 46.59 ng
RT: 17.63 min Scan# 2727
Delta R.T. -0.06 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.6	45.0	67.4#
206	18.4	17.0	25.6

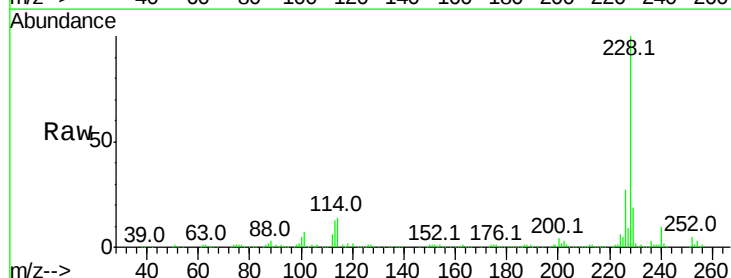


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

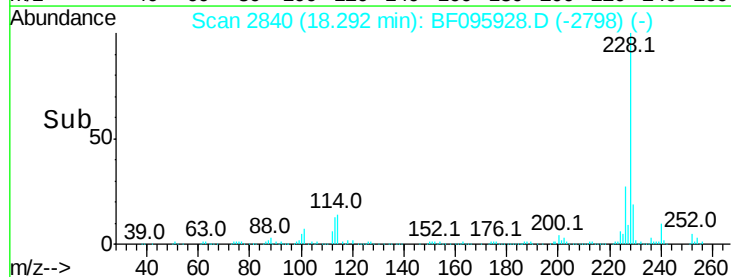
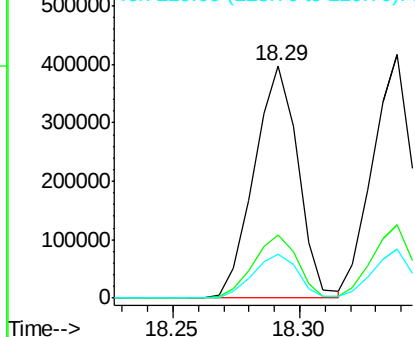


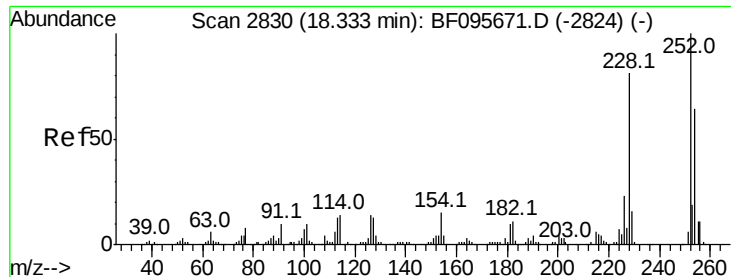
#80
Benzo(a)anthracene
Concen: 42.45 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.05 min
Lab File: BF095928.D
Acq: 14 Jun 2017 18:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.2	16.3	24.5



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

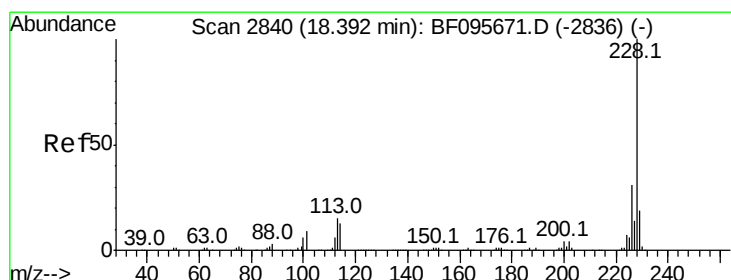
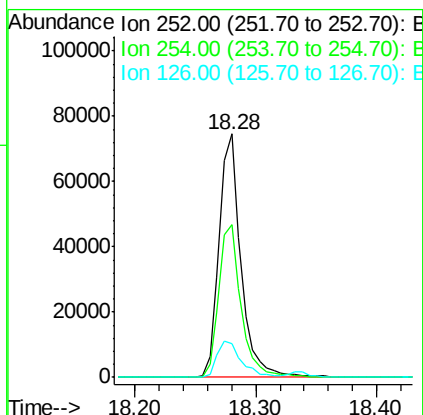
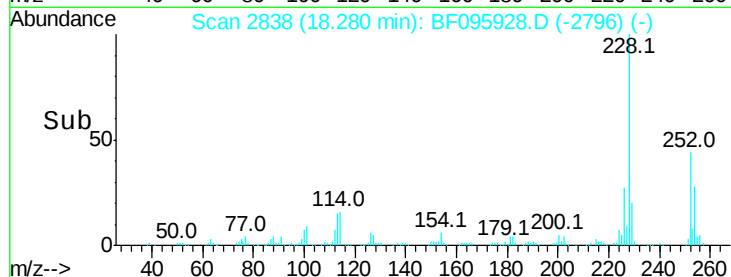
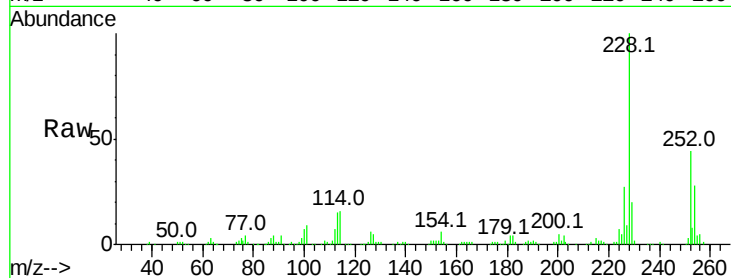




#81
 3,3'-Dichlorobenzidine
 Concen: 23.22 ng
 RT: 18.28 min Scan# 2838
 Delta R.T. -0.05 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

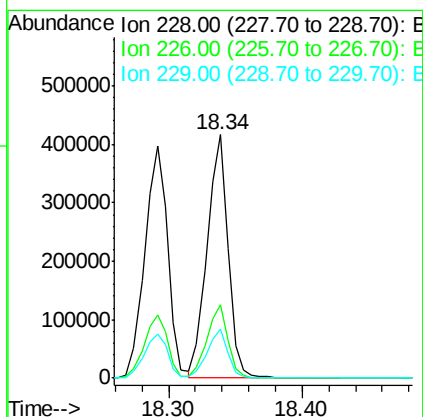
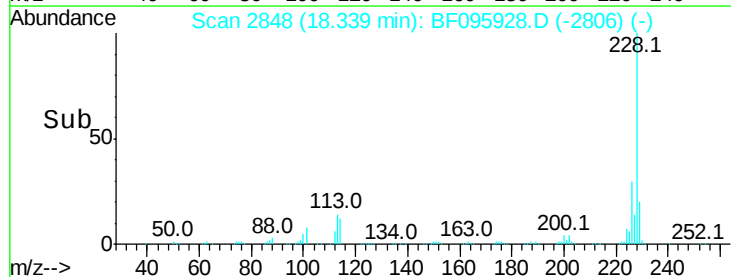
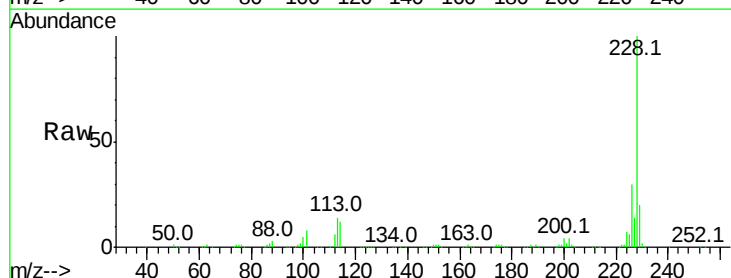
Instrument :
 BNA_F
 ClientSampled :

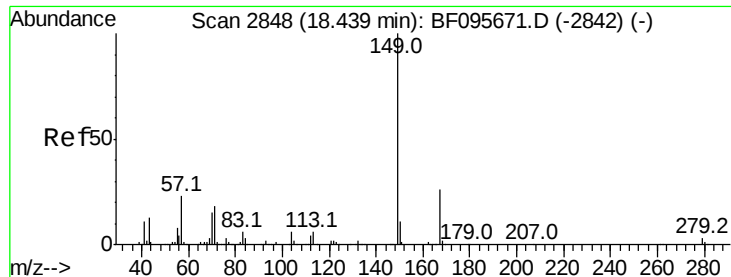
Tot Ion:252 Resp: 92798
 Ion Ratio Lower Upper
 252 100
 254 62.9 51.5 77.3
 126 14.0 15.8 23.8#



#82
 Chrysene
 Concen: 40.82 ng
 RT: 18.34 min Scan# 2848
 Delta R.T. -0.05 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Tgt Ion:228 Resp: 458680
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.9 37.3
 229 20.2 15.8 23.6

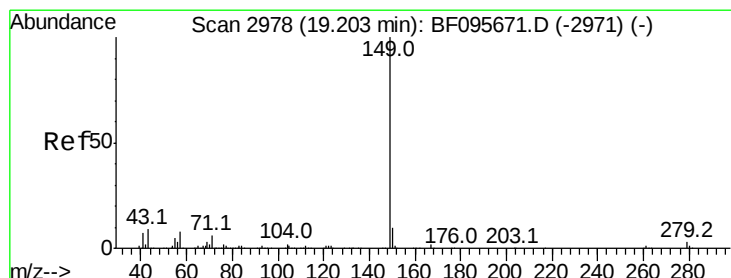
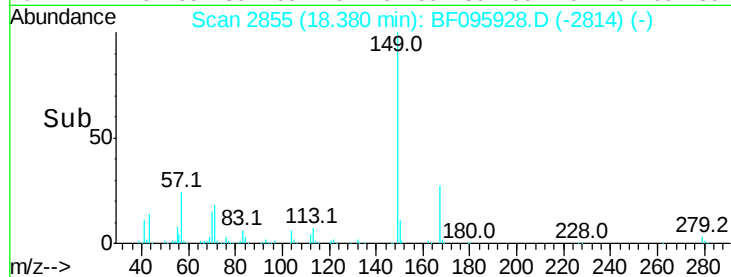
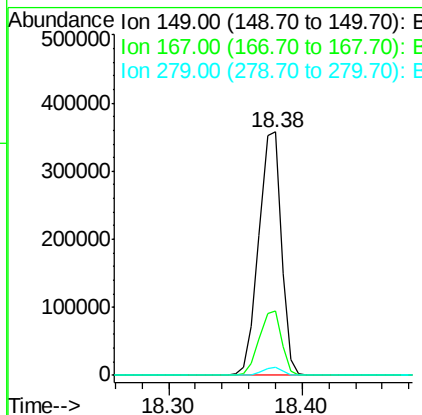
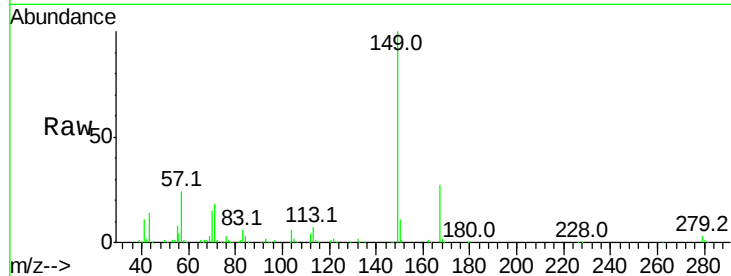




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.06 ng
 RT: 18.38 min Scan# 2855
 Delta R.T. -0.06 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

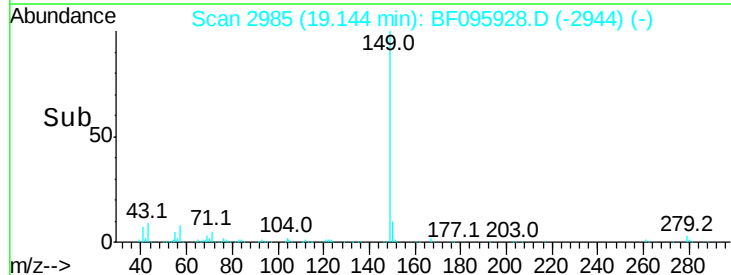
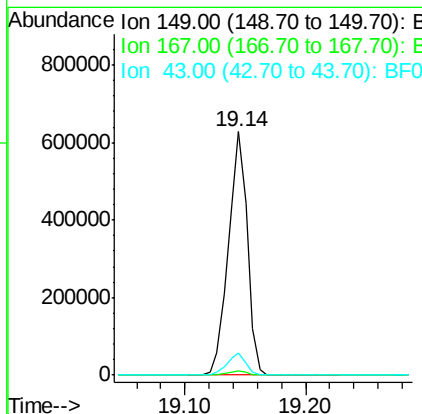
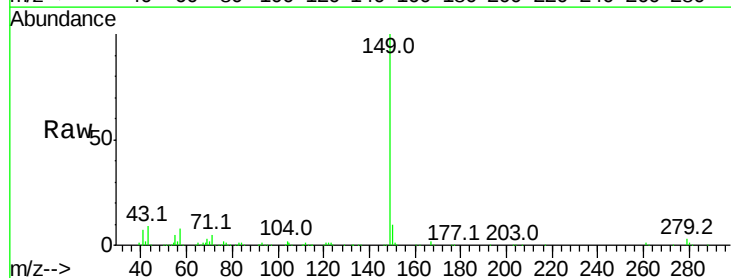
Instrument :
 BNA_F
 ClientSampleId :

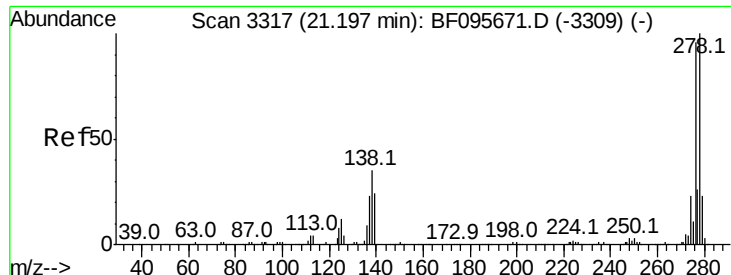
Tot Ion:149 Resp: 418271
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.0 31.4
 279 3.3 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 46.56 ng
 RT: 19.14 min Scan# 2985
 Delta R.T. -0.06 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Tgt Ion:149 Resp: 681903
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.0 8.5 12.7

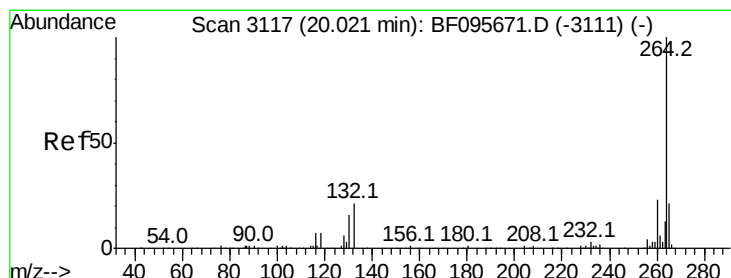
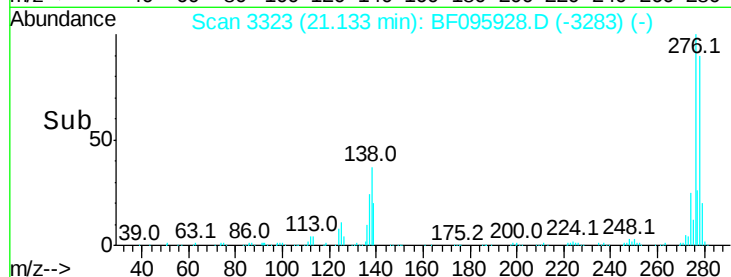
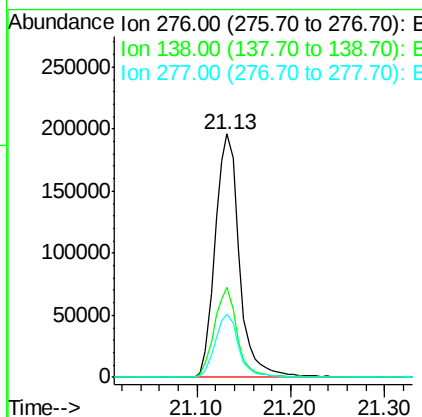
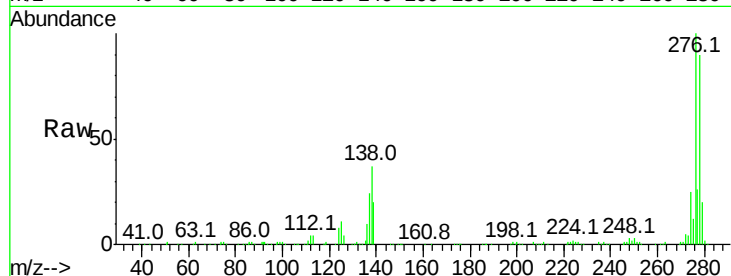




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.81 ng
 RT: 21.13 min Scan# 3323
 Delta R.T. -0.06 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

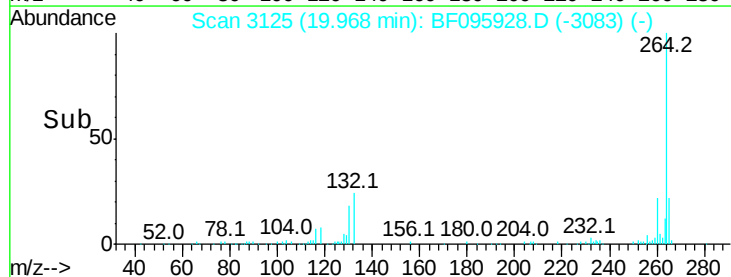
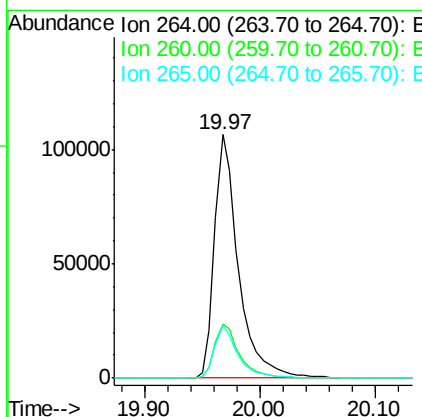
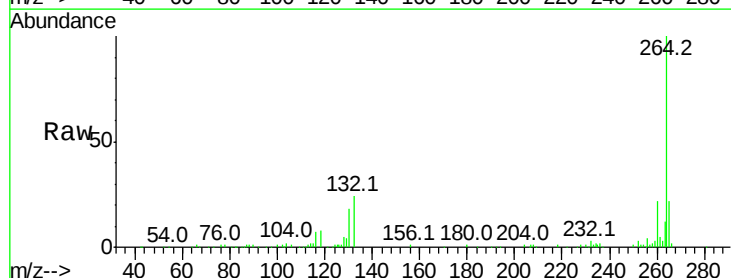
Instrument :
 BNA_F
 ClientSampled :

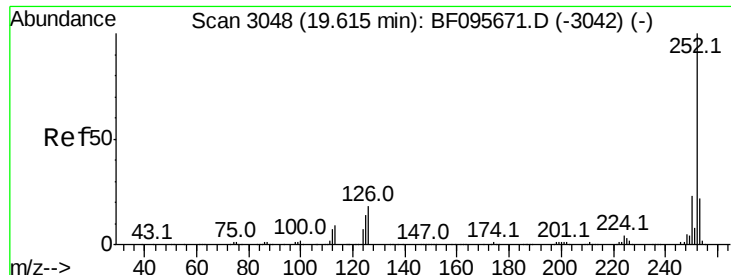
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.4	27.8	41.6
277	25.6	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.97 min Scan# 3125
 Delta R.T. -0.05 min
 Lab File: BF095928.D
 Acq: 14 Jun 2017 18:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.5	29.3
265	21.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.65 ng

RT: 19.56 min Scan# 3056

Delta R.T. -0.05 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

Instrument :

BNA_F

ClientSampleId :

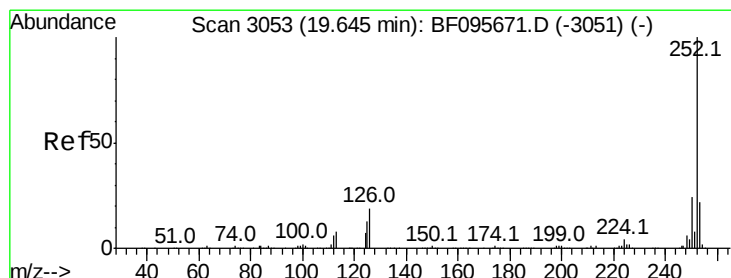
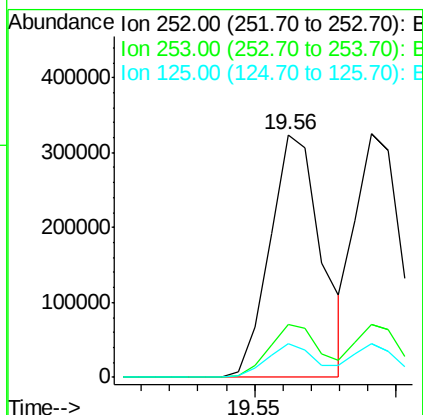
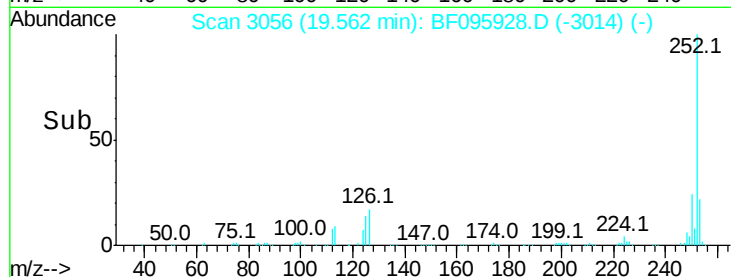
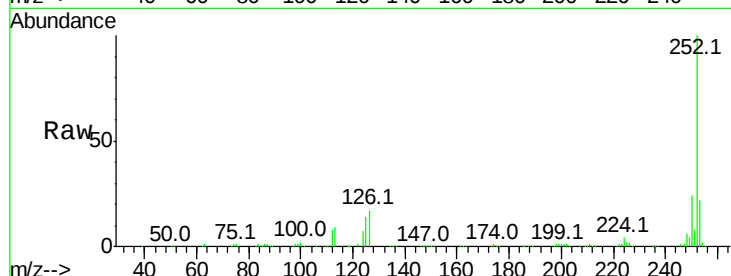
Tot Ion:252 Resp: 409540

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

125 14.0 9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 41.73 ng

RT: 19.59 min Scan# 3061

Delta R.T. -0.05 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

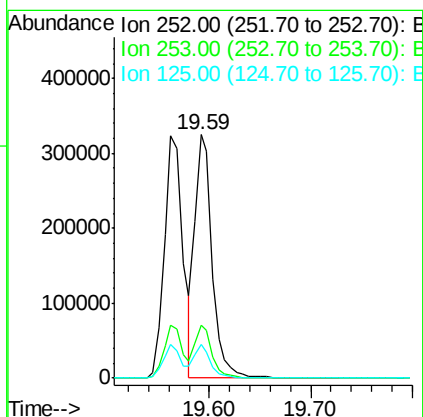
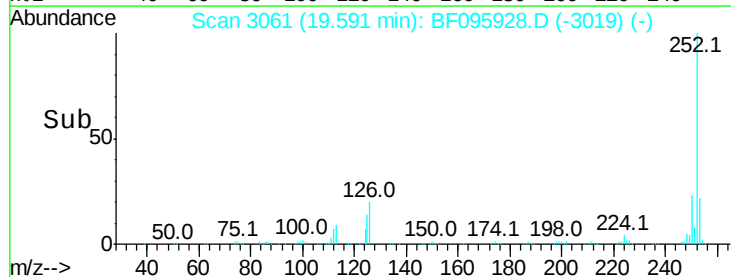
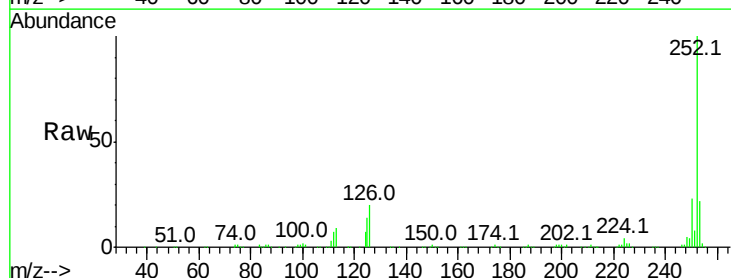
Tgt Ion:252 Resp: 383011

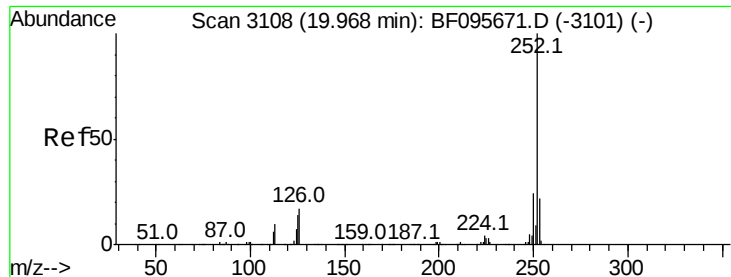
Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

125 13.9 13.1 19.7





#89

Benzo(a)pyrene

Concen: 41.02 ng

RT: 19.91 min Scan# 3116

Delta R.T. -0.05 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

Instrument :

BNA_F

ClientSampleId :

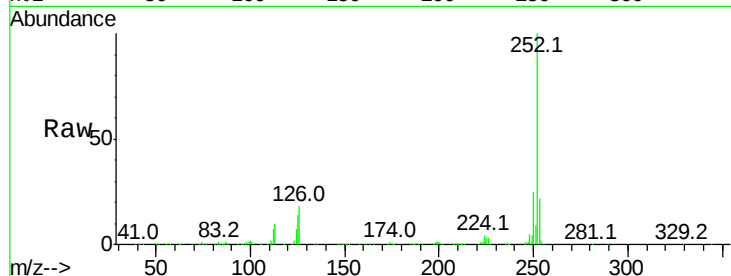
Tot Ion:252 Resp: 362099

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

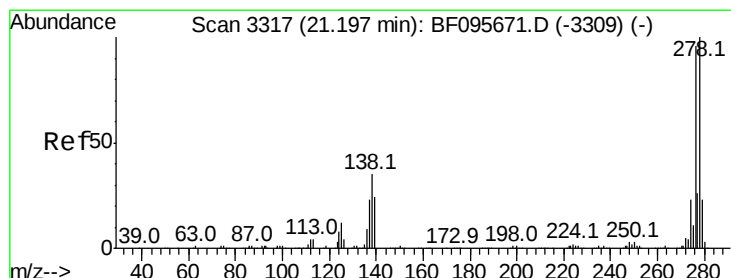
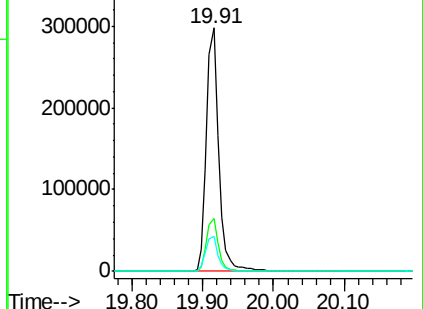
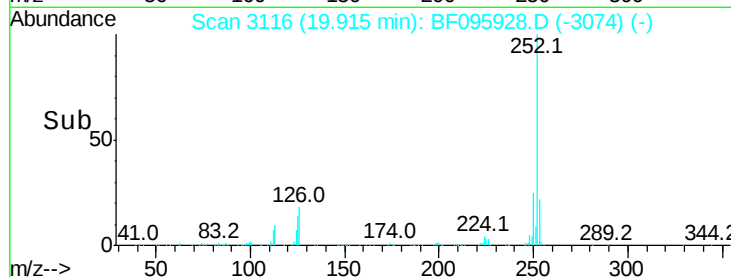
125 14.3 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.65 ng

RT: 21.13 min Scan# 3323

Delta R.T. -0.06 min

Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

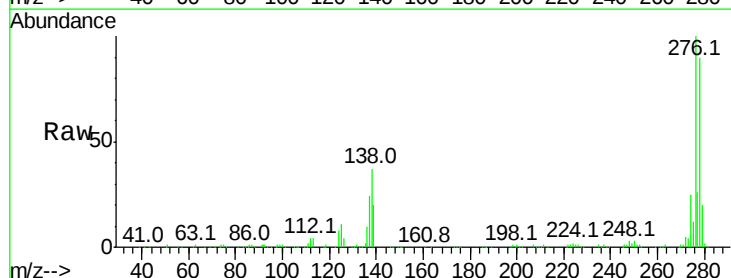
Tgt Ion:278 Resp: 296879

Ion Ratio Lower Upper

278 100

139 22.4 16.6 24.8

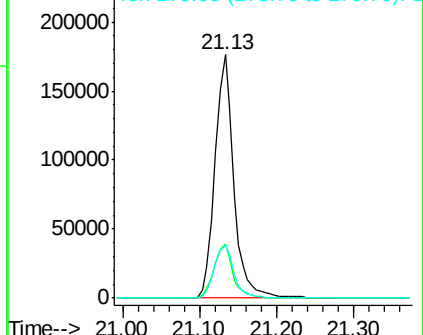
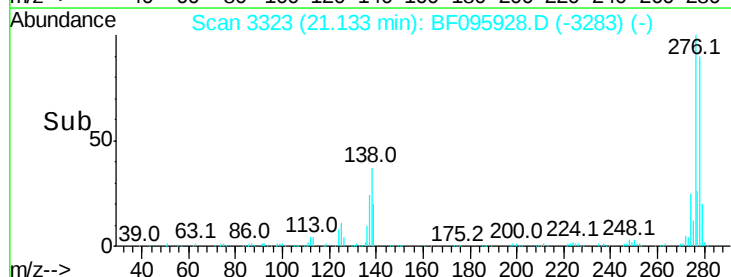
279 22.0 19.3 28.9

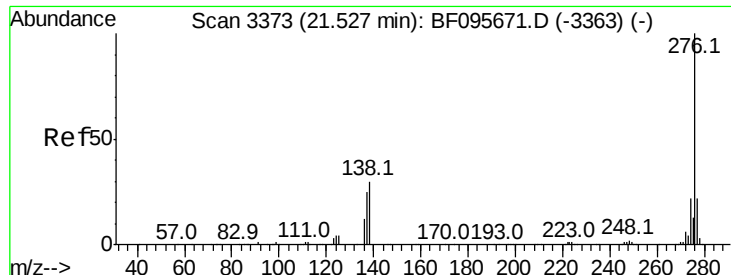


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.66 ng

RT: 21.46 min Scan# 3378

Delta R.T. -0.07 min

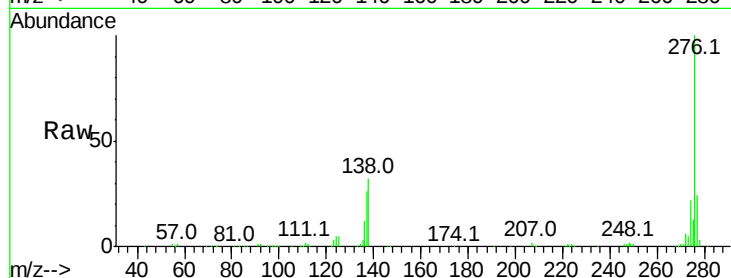
Lab File: BF095928.D

Acq: 14 Jun 2017 18:09

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 302755

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 31.5 25.4 38.0

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

