

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095959.D
 Acq On : 16 Jun 2017 17:04
 Operator : SJ/MA
 Sample : I3693-06MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 16 23:02:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	58122	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	241128	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	107643	20.00	ng	0.00
63) Phenanthrene-d10	14.57	188	177398	20.00	ng	0.00
75) Chrysene-d12	18.29	240	114428	20.00	ng	0.00
86) Perylene-d12	19.96	264	117848	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	479002	131.32	ng	0.04
7) Phenol-d6	6.90	99	517829	118.58	ng	0.00
23) Nitrobenzene-d5	8.25	82	358663	92.38	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	126174	132.48	ng	0.00
44) 2-Fluorobiphenyl	11.13	172	709718	91.75	ng	0.00
78) Terphenyl-d14	16.94	244	479313	103.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.79	88	58711	33.84	ng	92
3) Pyridine	2.38	79	37173	9.11	ng	93
4) n-Nitrosodimethylamine	2.27	42	60048	38.73	ng	87
6) Aniline	6.84	93	51964	9.10	ng	94
8) 2-Chlorophenol	7.02	128	184844	47.66	ng	96
9) Benzaldehyde	6.65	77	47434	16.10	ng	90
10) Phenol	6.92	94	197743	43.65	ng	93
11) bis(2-Chloroethyl)ether	6.97	93	159236	44.37	ng	96
12) 1,3-Dichlorobenzene	7.22	146	192824	43.93	ng	97
13) 1,4-Dichlorobenzene	7.35	146	196576	44.16	ng	95
14) 1,2-Dichlorobenzene	7.58	146	188778	46.00	ng	94
15) Benzyl Alcohol	7.63	79	141822	47.32	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.82	45	229636	45.55	ng	98
17) 2-Methylphenol	7.87	107	151540	46.56	ng	95
18) Hexachloroethane	8.09	117	66349	45.13	ng	# 83
19) n-Nitroso-di-n-propylamine	8.06	70	130838	47.28	ng	94
20) 3+4-Methylphenols	8.14	107	195199	47.25	ng	# 57
22) Acetophenone	8.02	105	260984	46.24	ng	# 82
24) Nitrobenzene	8.27	77	184987	44.60	ng	94
25) Isophorone	8.67	82	327264	45.14	ng	97
26) 2-Nitrophenol	8.78	139	101433	46.70	ng	96
27) 2,4-Dimethylphenol	8.95	122	161188	47.82	ng	98
28) bis(2-Chloroethoxy)methane	9.05	93	216354	45.27	ng	99
29) 2,4-Dichlorophenol	9.23	162	157296	48.46	ng	98
30) 1,2,4-Trichlorobenzene	9.29	180	151972	44.99	ng	97
31) Naphthalene	9.39	128	548776	45.35	ng	99
32) Benzoic acid	9.33	122	86396	41.76	ng	94
33) 4-Chloroaniline	9.57	127	50731	10.73	ng	# 89
34) Hexachlorobutadiene	9.60	225	77610	44.47	ng	97
35) Caprolactam	10.18	113	19622	20.32	ng	# 84
36) 4-Chloro-3-methylphenol	10.43	107	162188	47.73	ng	93
37) 2-Methylnaphthalene	10.52	142	378952	46.35	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.80	216	145235	45.08	ng	99
40) Hexachlorocyclopentadiene	10.76	237	35935	41.83	ng	95

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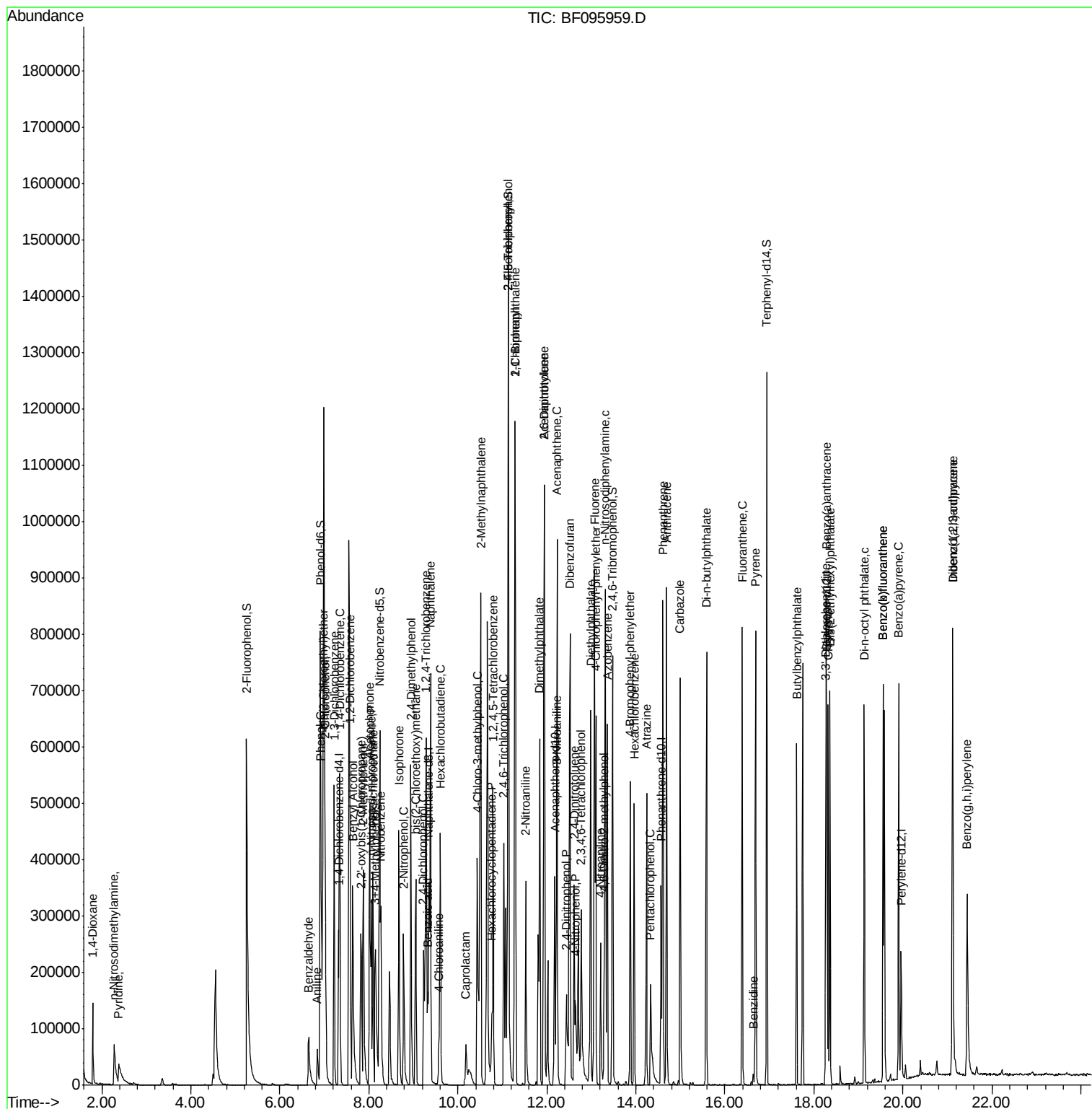
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.03	196	100035	48.30	nq	99
43) 2,4,5-Trichlorophenol	11.13	196	98397	44.66	nq	95
45) 1,1'-Biphenyl	11.28	154	414979	46.77	nq	97
46) 2-Chloronaphthalene	11.29	162	319596	46.11	nq	94
47) 2-Nitroaniline	11.52	65	94120	46.40	nq	# 82
48) Acenaphthylene	11.94	152	502916	42.43	nq	97
49) Dimethylphthalate	11.84	163	388726	47.56	nq	99
50) 2,6-Dinitrotoluene	11.94	165	81252	45.58	nq	# 75
51) Acenaphthene	12.23	154	300651	43.92	nq	99
52) 3-Nitroaniline	12.21	138	48745	23.47	nq	86
53) 2,4-Dinitrophenol	12.43	184	62621	63.49	nq	# 66
54) Dibenzofuran	12.52	168	464609	48.22	nq	97
55) 4-Nitrophenol	12.64	139	81852	68.22	nq	# 78
56) 2,4-Dinitrotoluene	12.61	165	116008	48.18	nq	94
57) Fluorene	13.07	166	368955	44.00	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.77	232	77717	51.56	nq	# 94
59) Diethylphthalate	12.99	149	373659	47.51	nq	99
60) 4-Chlorophenyl-phenylether	13.10	204	164178	45.03	nq	90
61) 4-Nitroaniline	13.21	138	76789	39.60	nq	94
62) Azobenzene	13.36	77	338123	47.43	nq	93
64) 4,6-Dinitro-2-methylphenol	13.29	198	48242	41.37	nq	77
65) n-Nitrosodiphenylamine	13.31	169	316383	49.63	nq	98
66) 4-Bromophenyl-phenylether	13.87	248	92409	50.12	nq	98
67) Hexachlorobenzene	13.96	284	86644	47.69	nq	# 89
68) Atrazine	14.24	200	92167	51.95	nq	95
69) Pentachlorophenol	14.33	266	55203	80.13	nq	93
70) Phenanthrene	14.60	178	486303	47.51	nq	98
71) Anthracene	14.69	178	493077	46.14	nq	98
72) Carbazole	14.99	167	442274	42.47	nq	97
73) Di-n-butylphthalate	15.59	149	570622	51.50	nq	98
74) Fluoranthene	16.39	202	424543	41.91	nq	98
76) Benzidine	16.64	184	18996	4.32	nq	# 91
77) Pyrene	16.69	202	410368	48.06	nq	98
79) Butylbenzylphthalate	17.62	149	184125	49.38	nq	89
80) Benzo(a)anthracene	18.28	228	313567	47.13	nq	97
81) 3,3'-Dichlorobenzidine	18.26	252	84221	35.61	nq	# 95
82) Chrysene	18.32	228	310774	46.74	nq	99
83) Bis(2-ethylhexyl)phthalate	18.36	149	241488	45.91	nq	# 100
84) Di-n-octyl phthalate	19.13	149	396879	45.79	nq	95
85) Indeno(1,2,3-cd)pyrene	21.12	276	312909	55.01	nq	100
87) Benzo(b)fluoranthene	19.55	252	336987	45.67	nq	98
88) Benzo(k)fluoranthene	19.55	252	336987	47.78	nq	95
89) Benzo(a)pyrene	19.90	252	317686	46.84	nq	99
90) Dibenzo(a,h)anthracene	21.11	278	267539	46.50	nq	98
91) Benzo(g,h,i)perylene	21.44	276	255638	43.58	nq	97

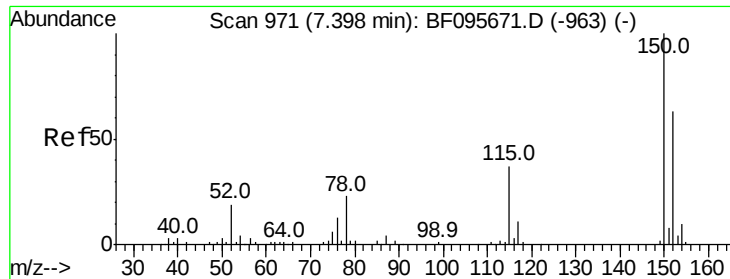
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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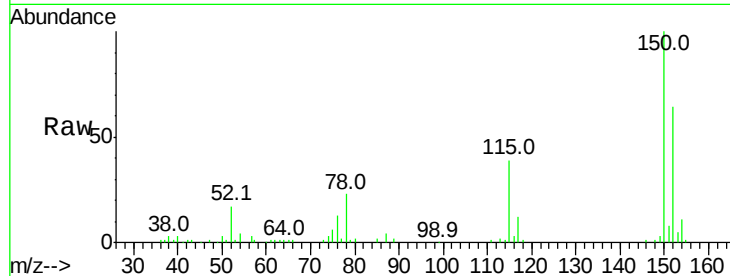


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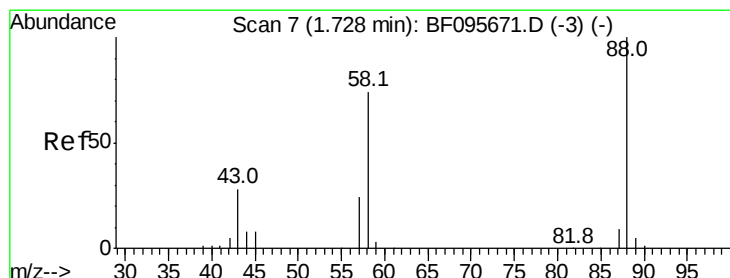
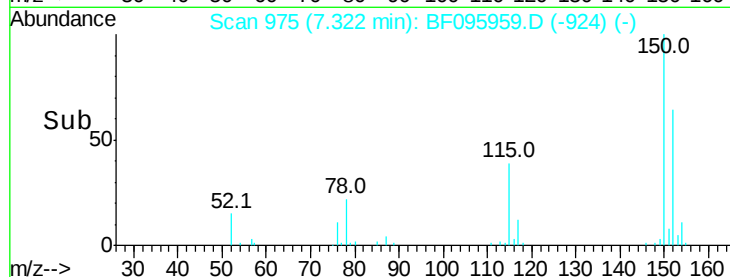
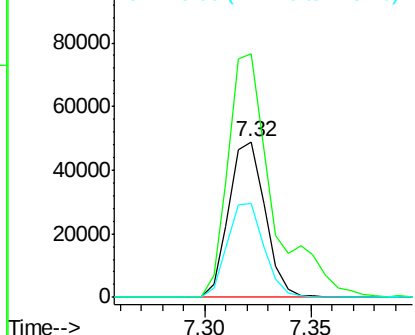
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 58122
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 60.7 52.2 78.2



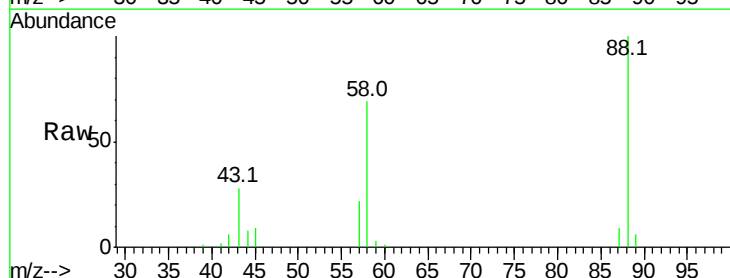
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



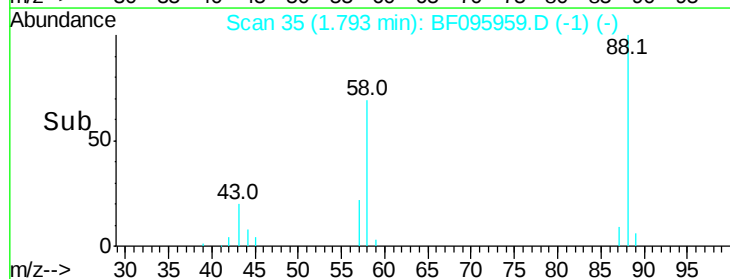
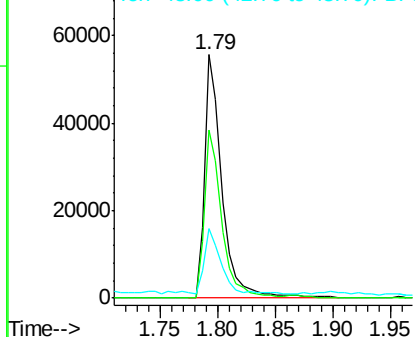
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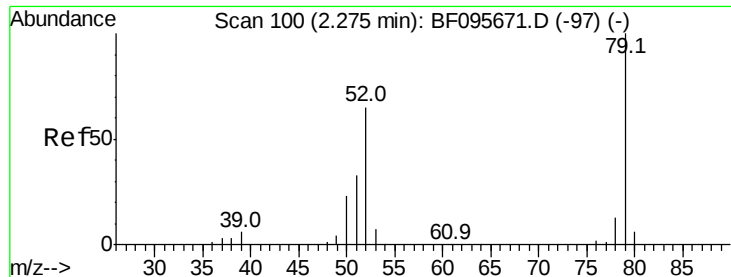
1,4-Dioxane
Concen: 33.84 ng
RT: 1.79 min Scan# 35
Delta R.T. 0.16 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion: 88 Resp: 58711
Ion Ratio Lower Upper
88 100
58 69.1 61.4 92.0
43 26.4 23.4 35.0



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

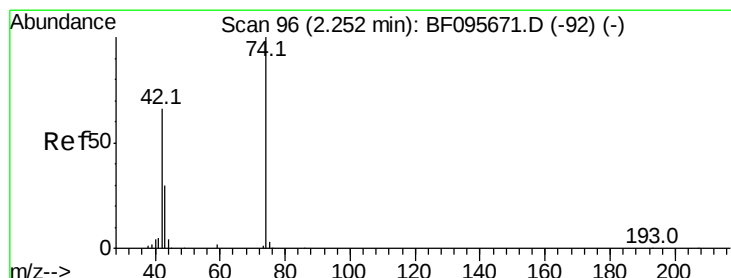
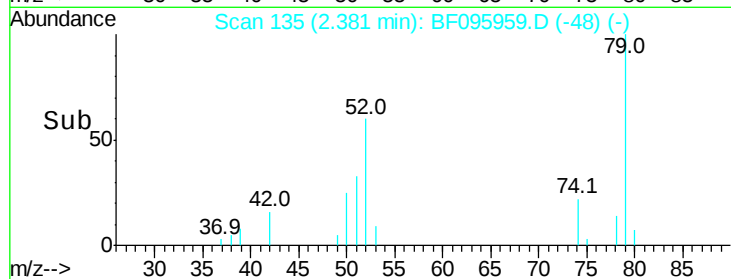
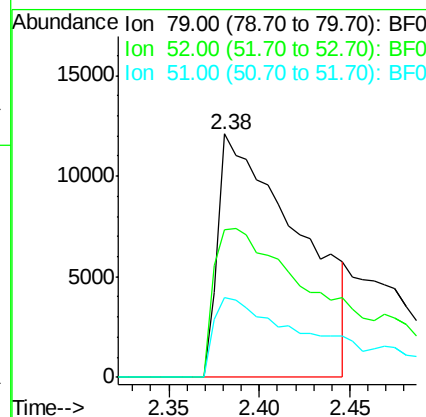
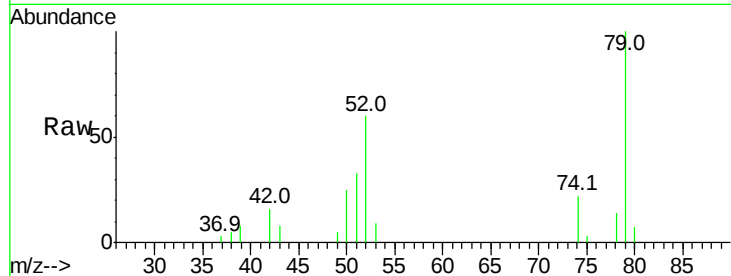




#3
 Pvridine
 Concen: 9.11 ng
 RT: 2.38 min Scan# 135
 Delta R.T. 0.21 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

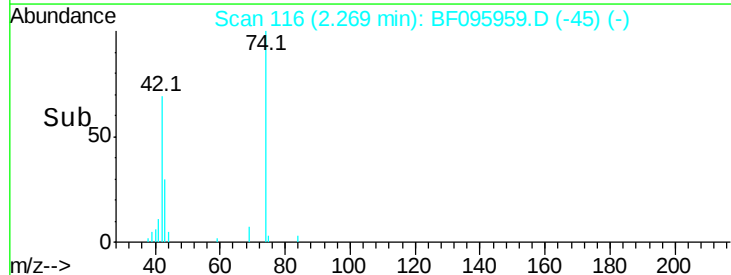
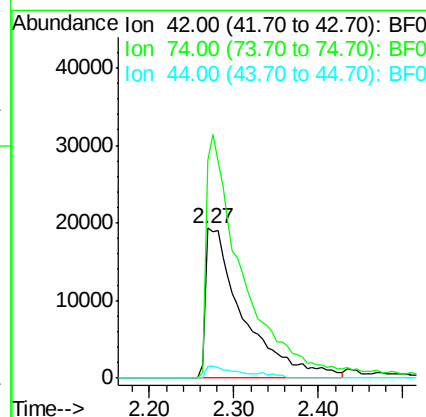
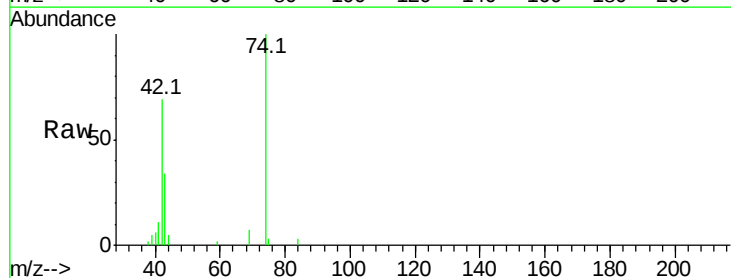
Instrument :
 BNA_F
 ClientSampleId :

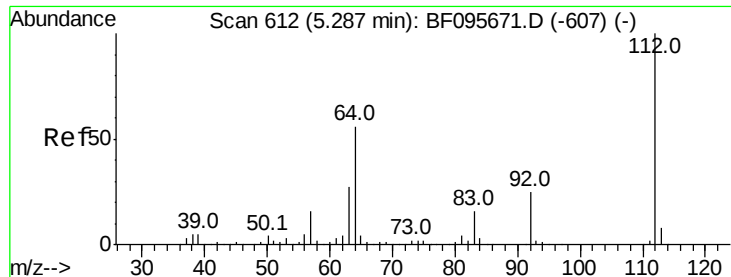
Tot Ion: 79 Resp: 37173
 Ion Ratio Lower Upper
 79 100
 52 60.4 54.8 82.2
 51 32.7 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 38.73 ng
 RT: 2.27 min Scan# 116
 Delta R.T. 0.12 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion: 42 Resp: 60048
 Ion Ratio Lower Upper
 42 100
 74 145.6 103.9 155.9
 44 8.0 5.7 8.5





#5

2-Fluorophenol

Concen: 131.32 ng

RT: 5.25 min Scan# 623

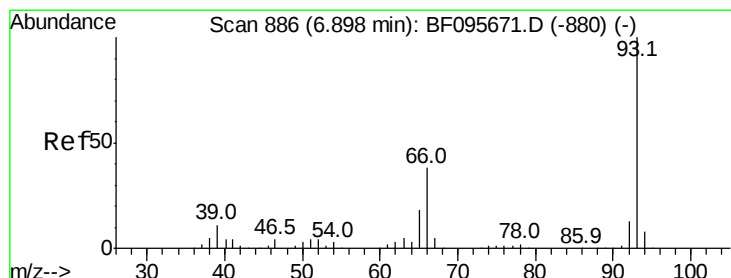
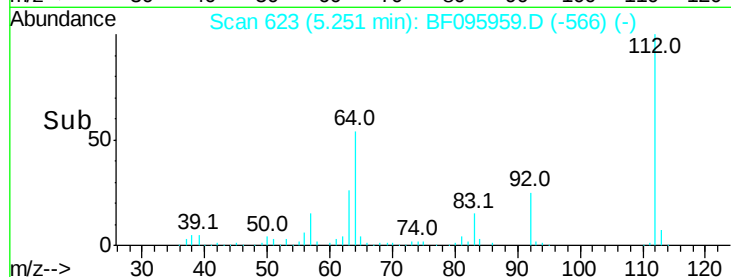
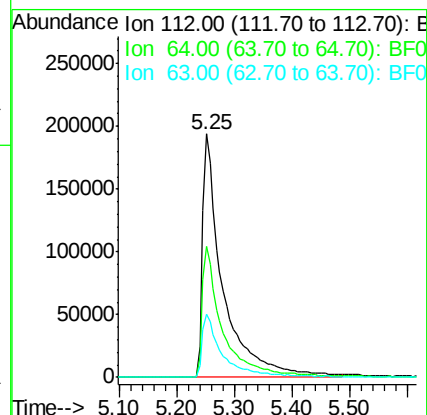
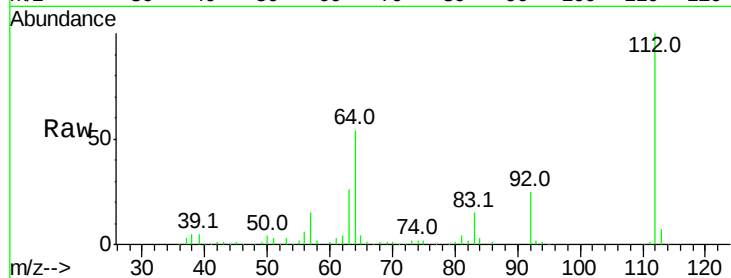
Delta R.T. 0.04 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	479002
Ion	Ratio	Lower	Upper
112	100		
64	53.8	46.0	69.0
63	25.8	23.4	35.0



#6

Aniline

Concen: 9.10 ng

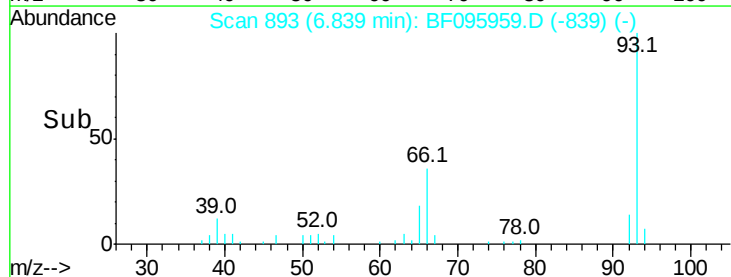
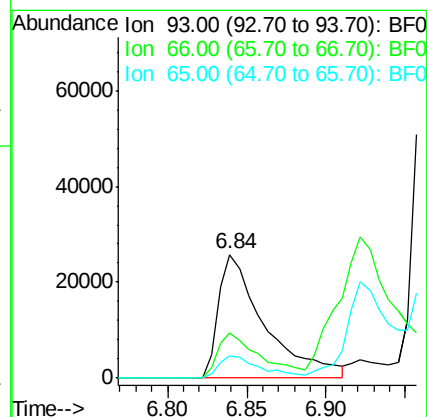
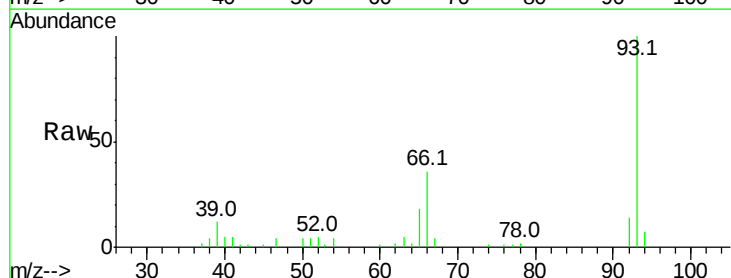
RT: 6.84 min Scan# 893

Delta R.T. 0.02 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Tgt Ion:	93	Resp:	51964
Ion	Ratio	Lower	Upper
93	100		
66	36.4	32.9	49.3
65	18.4	16.0	24.0





#7

Phenol-d6

Concen: 118.58 ng

RT: 6.90 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

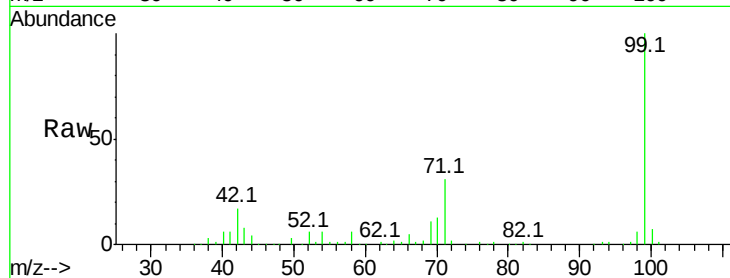
Tot Ion: 99 Resp: 517829

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

71 30.9 24.5 36.7

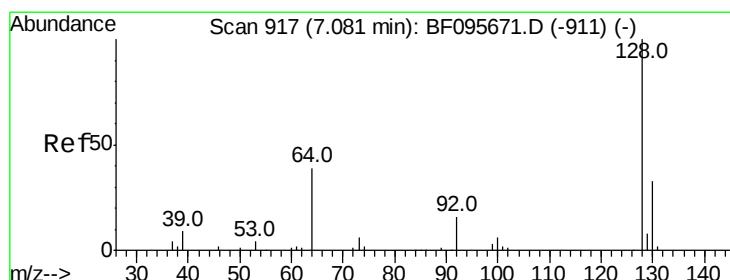
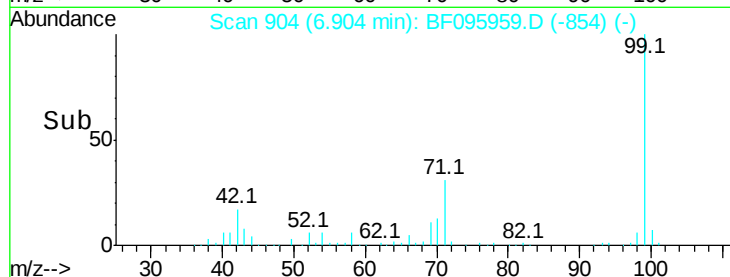
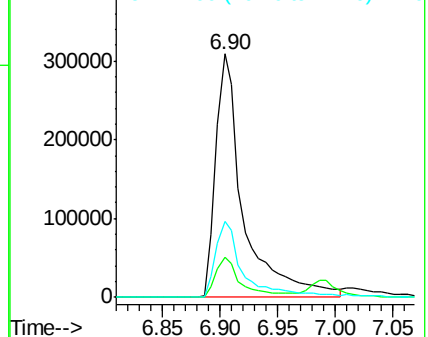


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.66 ng

RT: 7.02 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

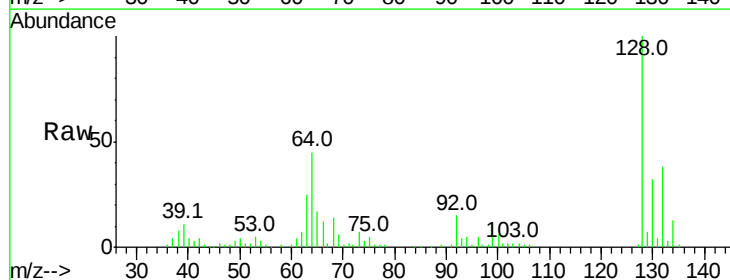
Tgt Ion:128 Resp: 184844

Ion Ratio Lower Upper

128 100

130 31.7 12.9 52.9

64 44.7 28.4 68.4

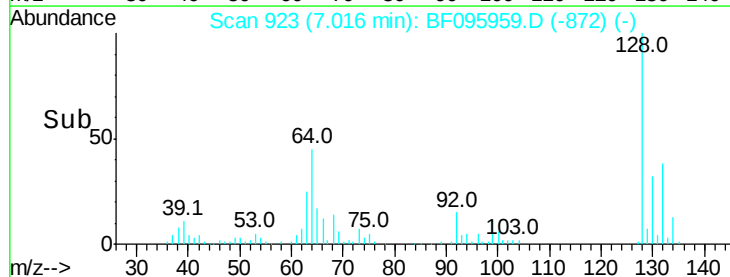
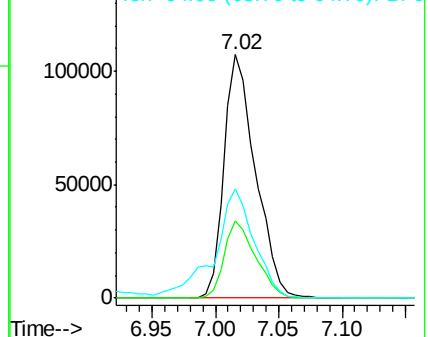


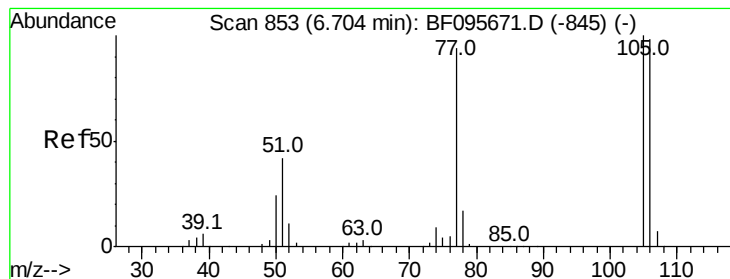
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.10 ng

RT: 6.65 min Scan# 860

Delta R.T. 0.02 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

ClientSampled :

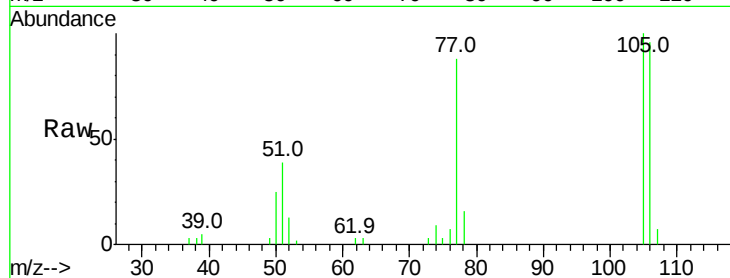
Tot Ion: 77 Resp: 47434

Ion Ratio Lower Upper

77 100

105 113.2 83.8 123.8

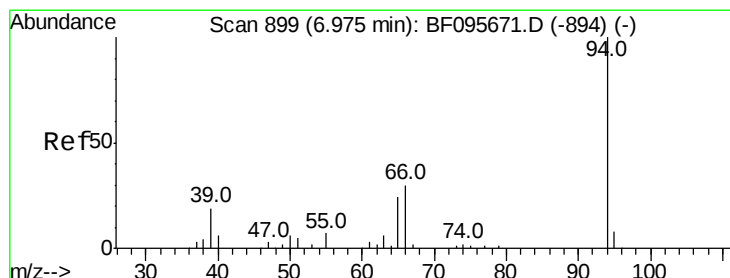
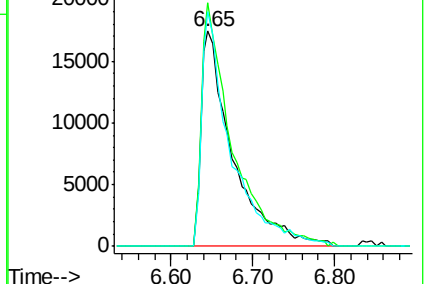
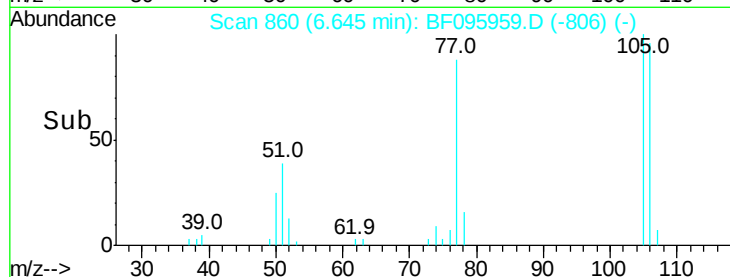
106 109.2 79.1 119.1



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: 43.65 ng

RT: 6.92 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

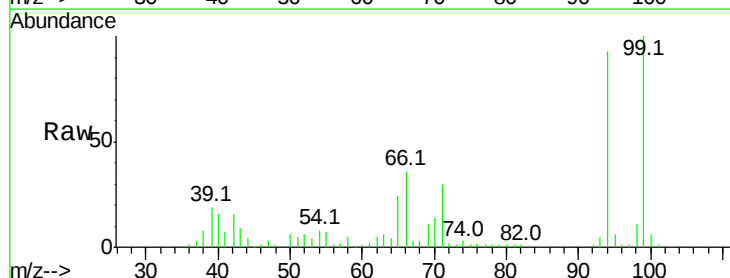
Tgt Ion: 94 Resp: 197743

Ion Ratio Lower Upper

94 100

65 26.0 9.9 49.9

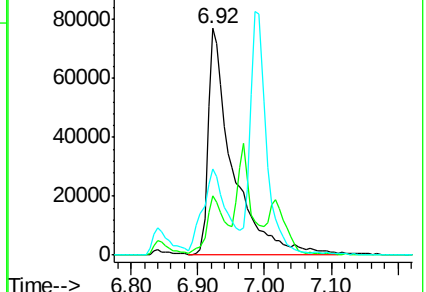
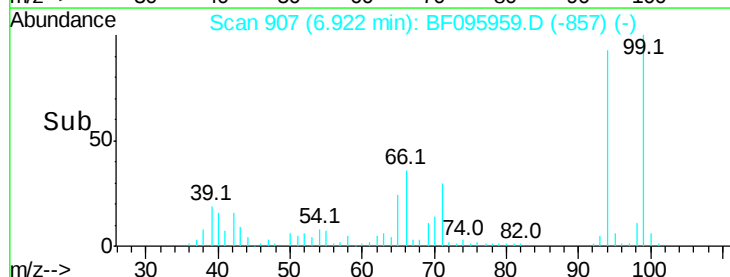
66 38.3 23.1 63.1

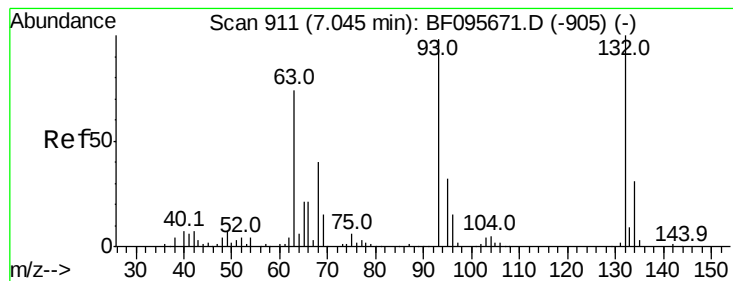


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

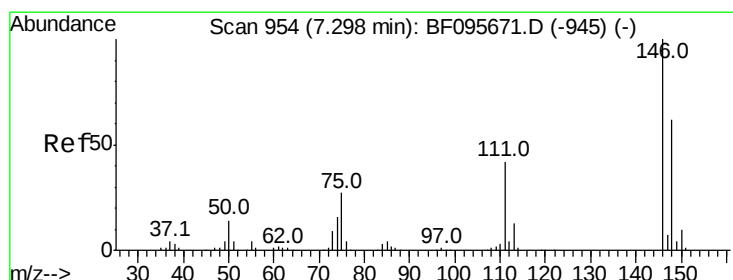
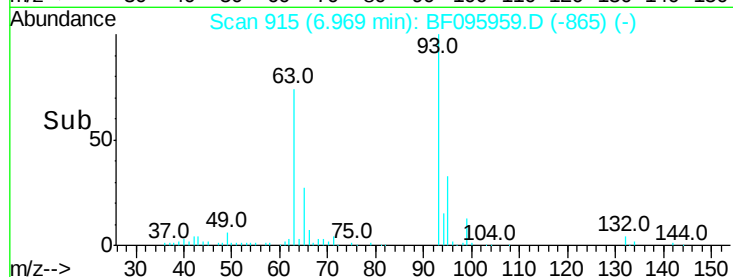
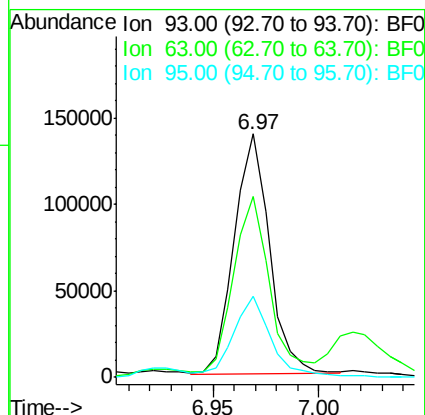
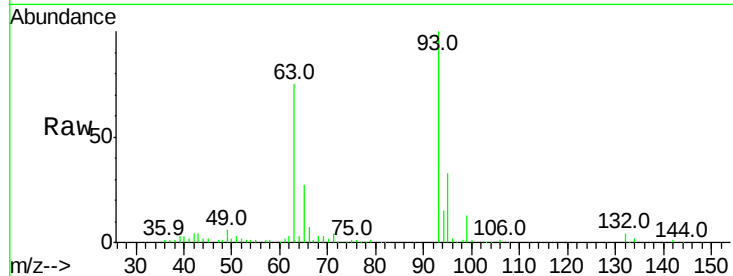




#11
bis(2-Chloroethyl)ether
Concen: 44.37 ng
RT: 6.97 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

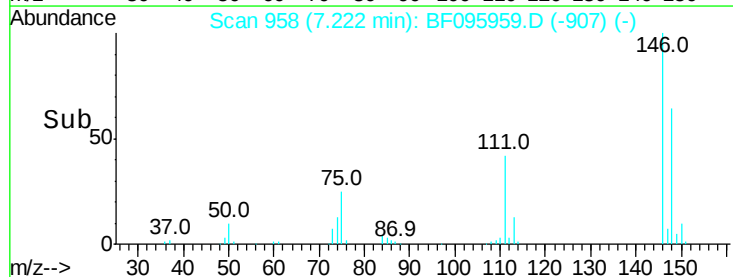
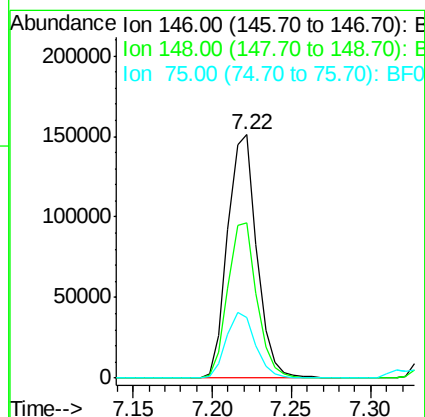
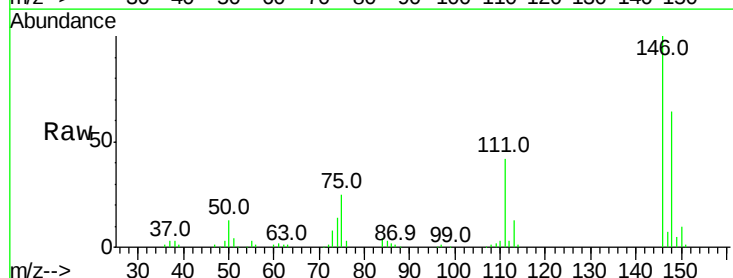
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 159236
Ion Ratio Lower Upper
93 100
63 74.5 59.2 99.2
95 33.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.93 ng
RT: 7.22 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion: 146 Resp: 192824
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 25.1 23.1 34.7

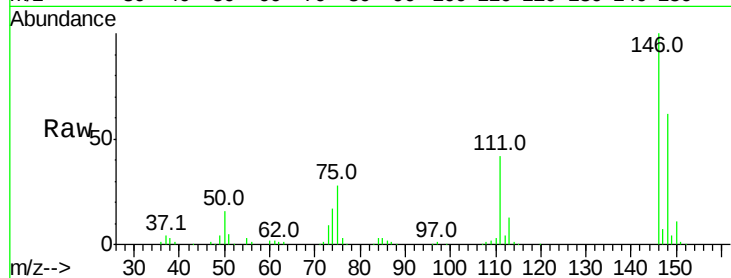




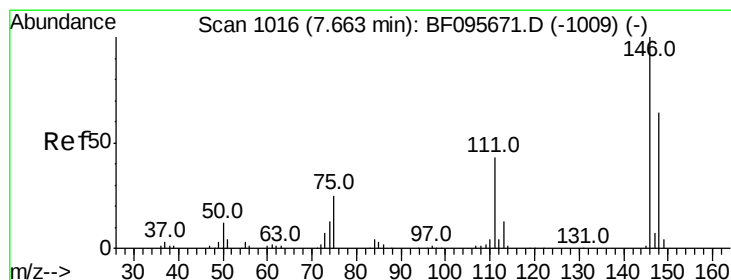
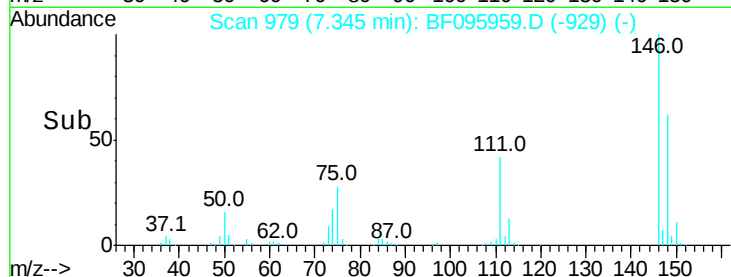
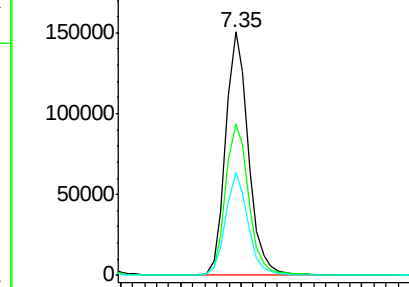
#13
 1,4-Dichlorobenzene
 Concen: 44.16 ng
 RT: 7.35 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 196576
 Ion Ratio Lower Upper
 146 100
 148 62.1 52.2 78.2
 111 42.2 30.3 45.5

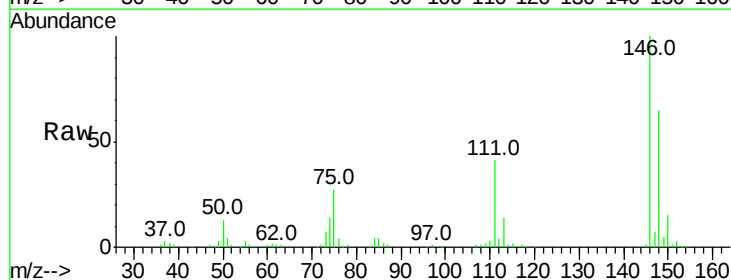


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

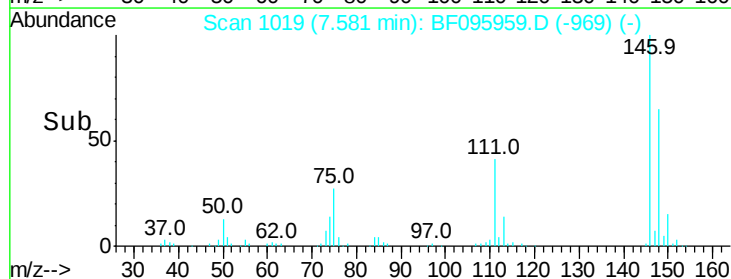
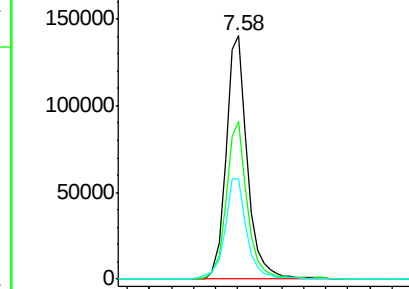


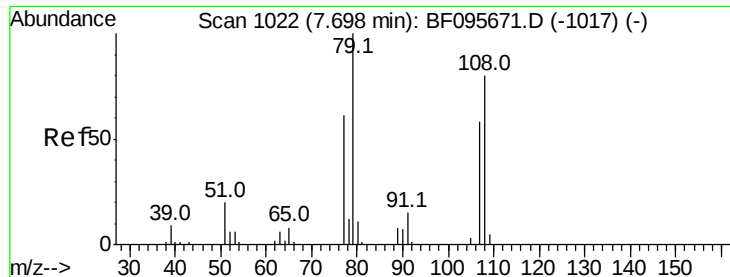
#14
 1,2-Dichlorobenzene
 Concen: 46.00 ng
 RT: 7.58 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion:146 Resp: 188778
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.4 75.6
 111 41.3 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: 47.32 ng

RT: 7.63 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

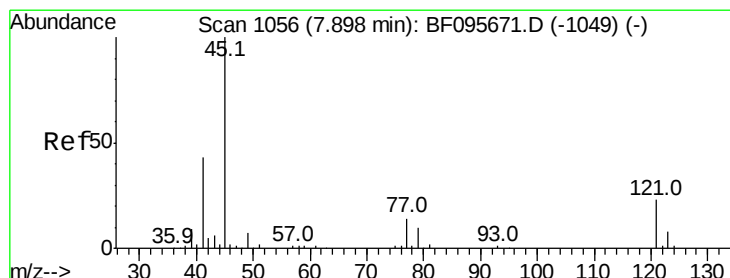
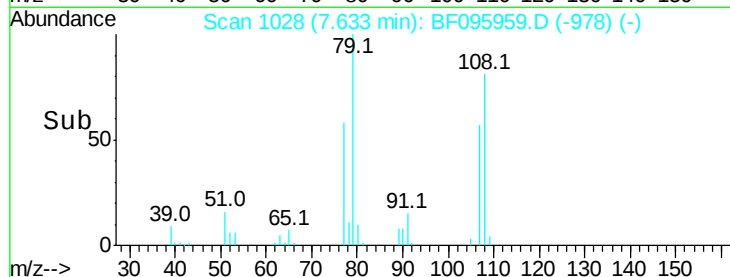
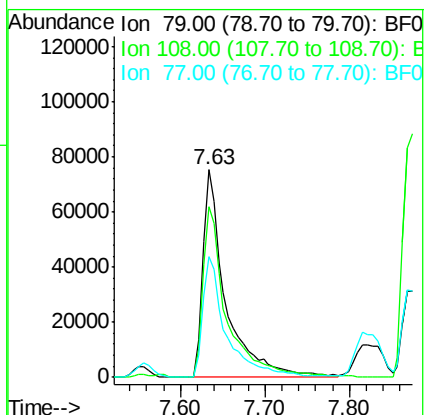
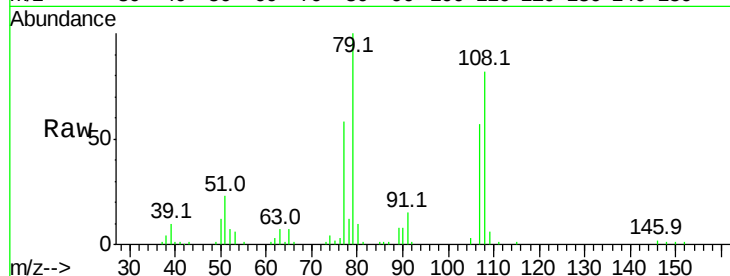
Tot Ion: 79 Resp: 141822

Ion Ratio Lower Upper

79 100

108 82.1 63.4 95.0

77 58.3 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.55 ng

RT: 7.82 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

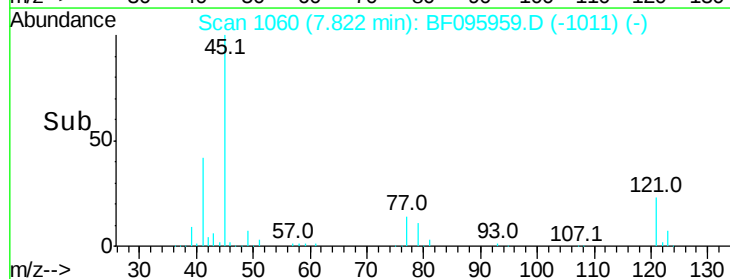
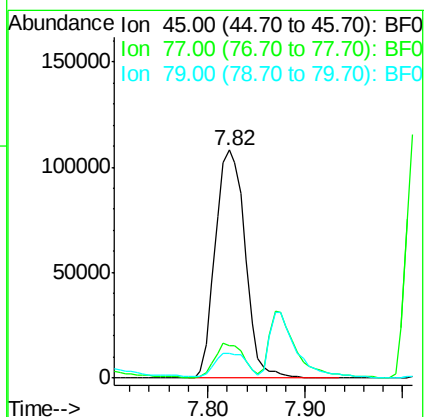
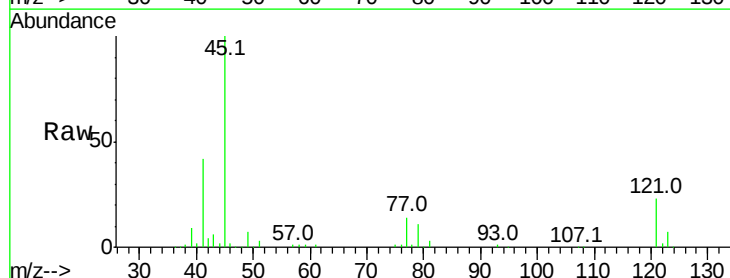
Tgt Ion: 45 Resp: 229636

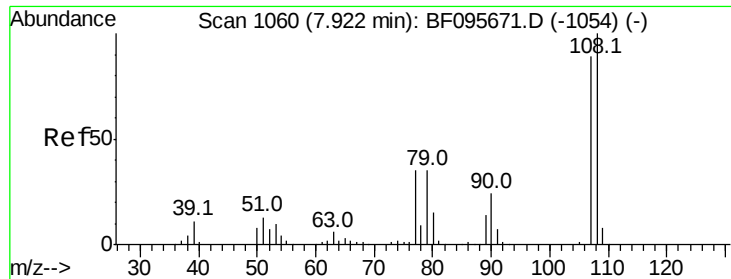
Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.2

79 10.9 0.0 30.0

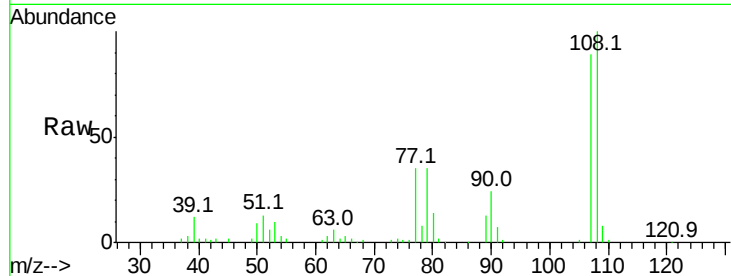




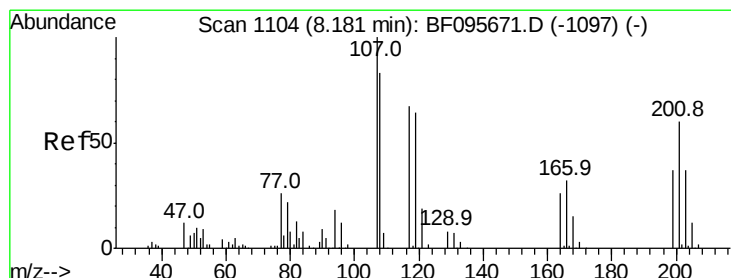
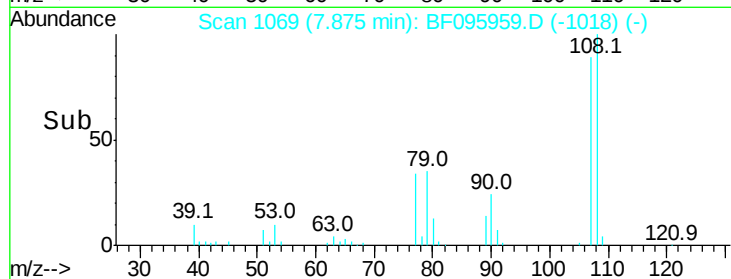
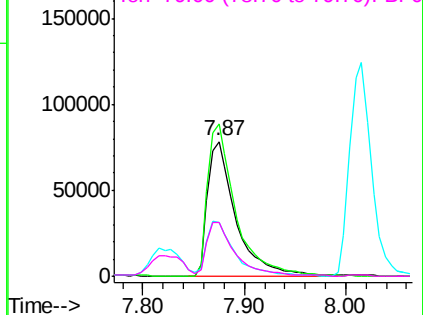
#17
 2-Methylphenol
 Concen: 46.56 ng
 RT: 7.87 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	107	Resp:	151540
Ion	Ratio	Lower	Upper
107	100		
108	112.7	93.4	140.0
77	40.0	35.8	53.6
79	39.6	34.8	52.2

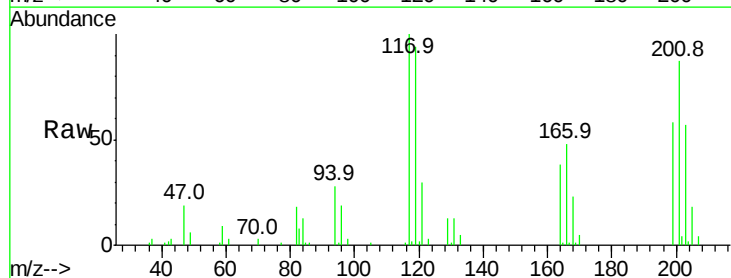


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

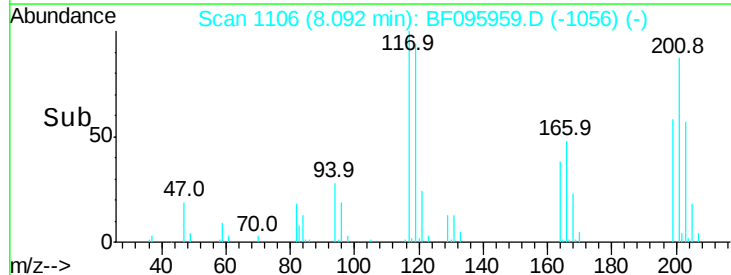
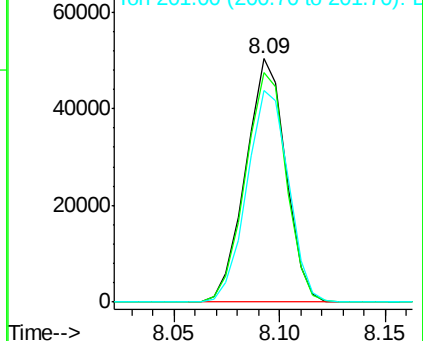


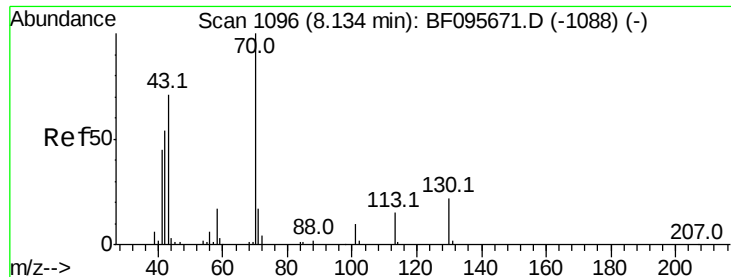
#18
 Hexachloroethane
 Concen: 45.13 ng
 RT: 8.09 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion:	117	Resp:	66349
Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.4	116.0
201	86.8	94.6	141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E

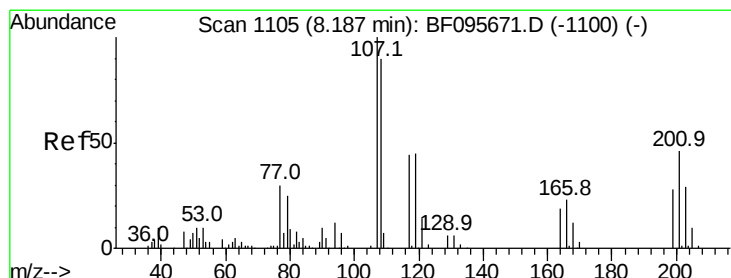
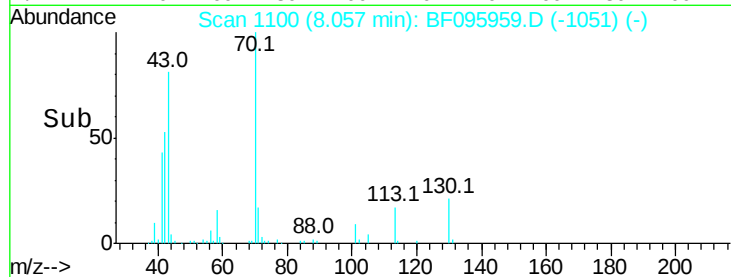
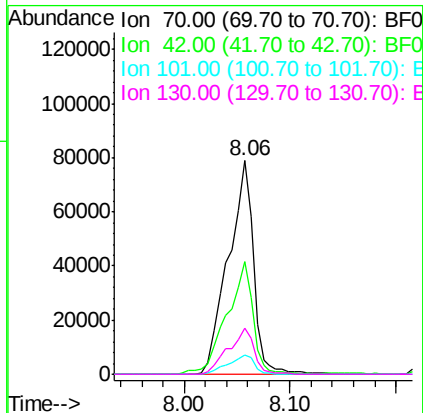
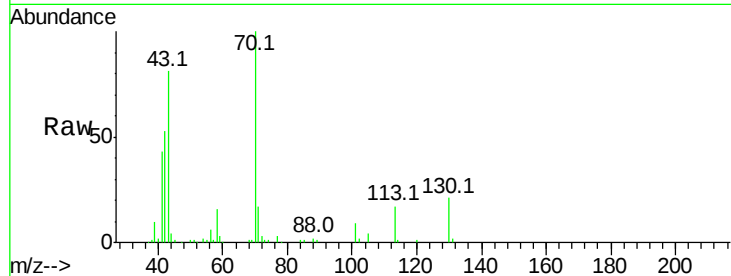




#19
n-Nitroso-di-n-propylamine
Concen: 47.28 ng
RT: 8.06 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

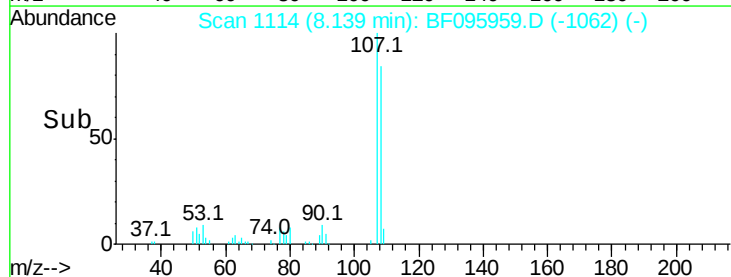
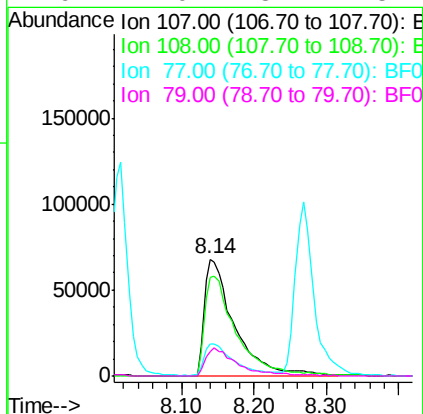
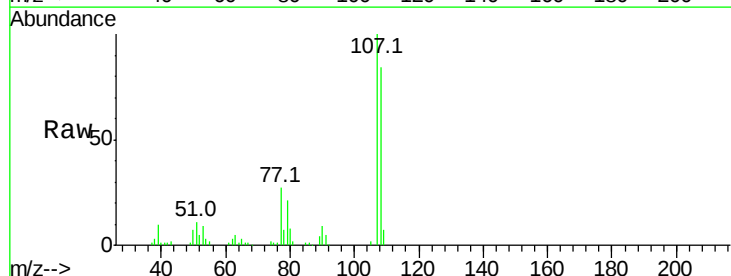
Instrument :
BNA_F
ClientSampleId :

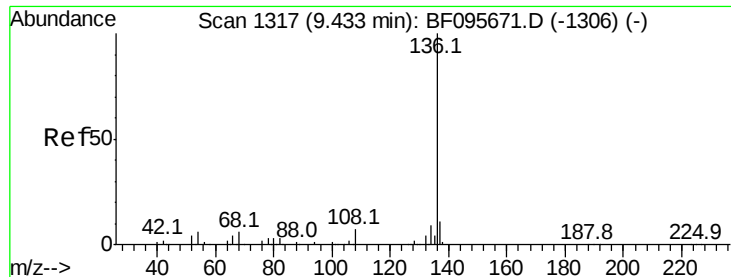
Tot Ion: 70 Resp: 130838
Ion Ratio Lower Upper
70 100
42 53.0 47.2 70.8
101 9.2 7.2 10.8
130 21.4 15.9 23.9



#20
3+4-Methylphenols
Concen: 47.25 ng
RT: 8.14 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion:107 Resp: 195199
Ion Ratio Lower Upper
107 100
108 83.9 71.0 111.0
77 27.1 90.5 130.5#
79 21.0 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 241128

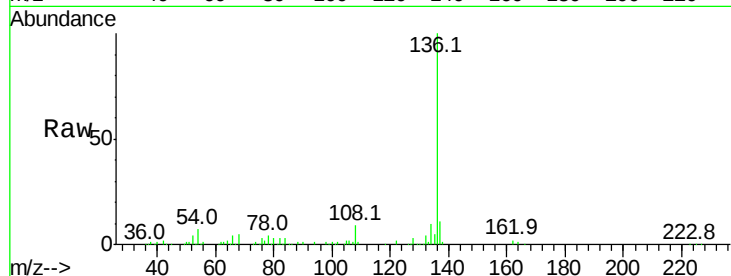
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.2 4.9 7.3

68 5.4 4.1 6.1

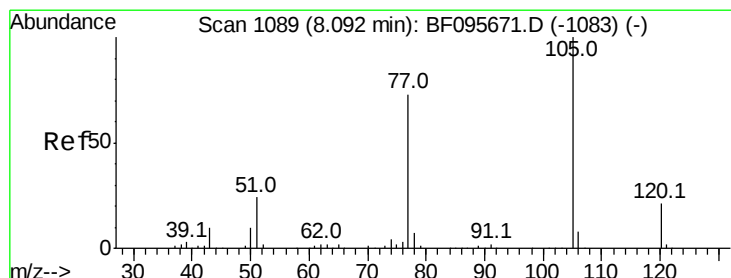
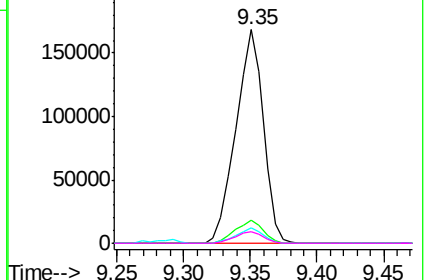
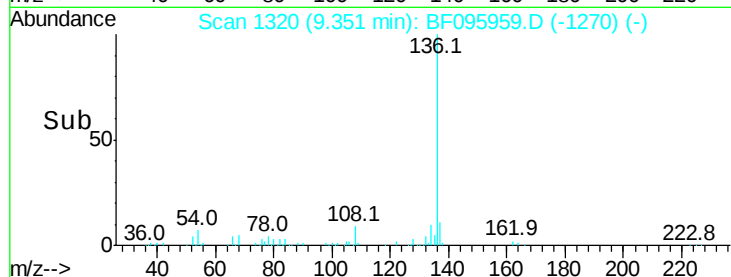


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.24 ng

RT: 8.02 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Tgt Ion:105 Resp: 260984

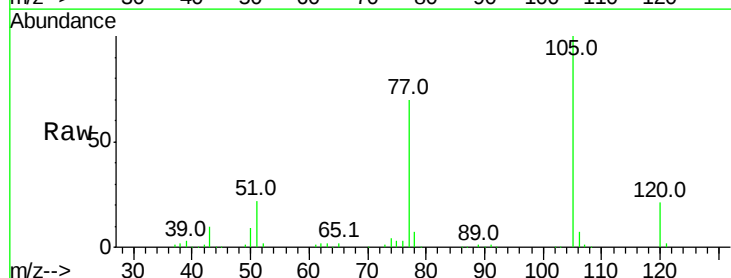
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 21.8 30.7 46.1#

120 20.6 17.4 26.0

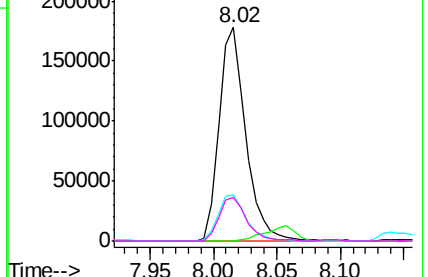
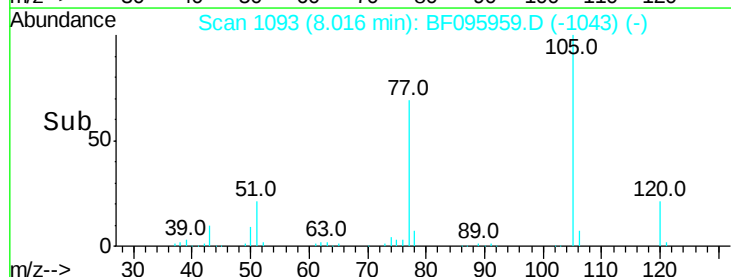


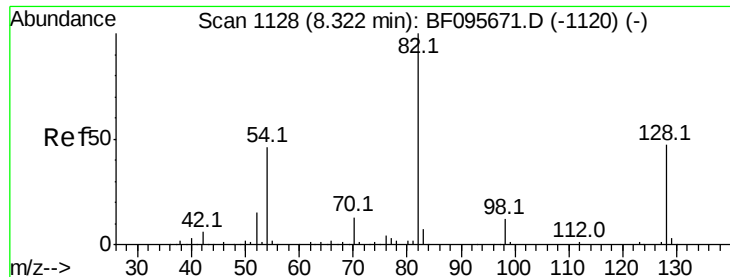
Abundance Ion 105.00 (104.70 to 105.70): E

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

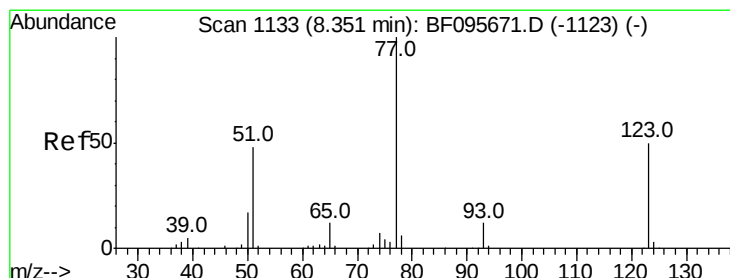
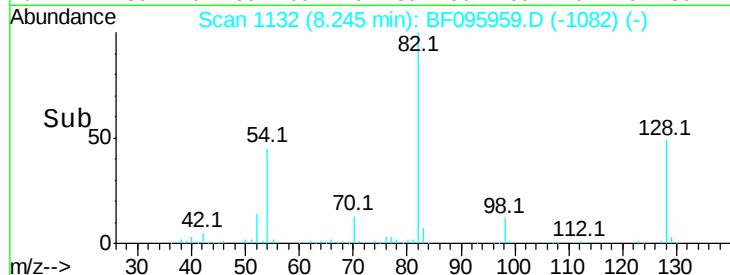
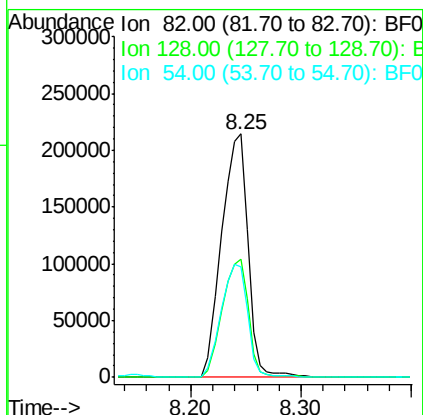
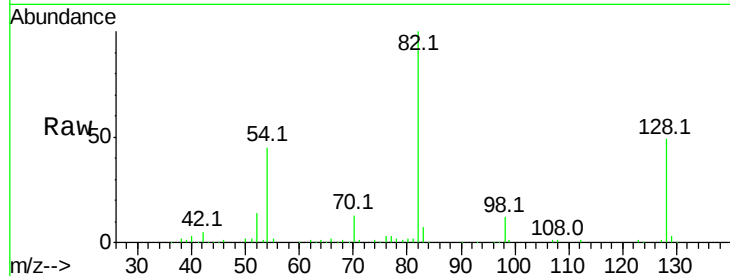




#23
 Nitrobenzene-d5
 Concen: 92.38 ng
 RT: 8.25 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

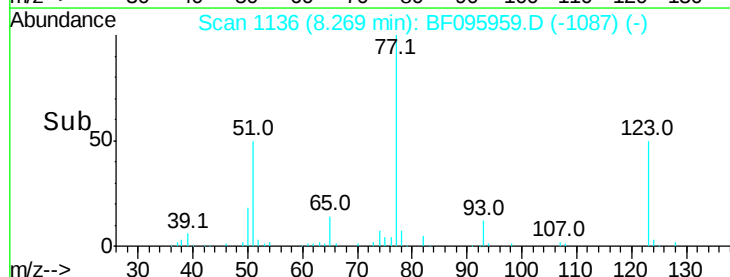
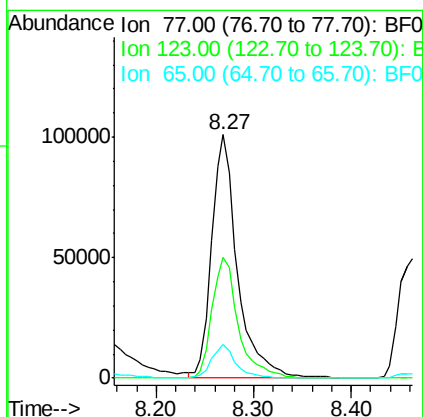
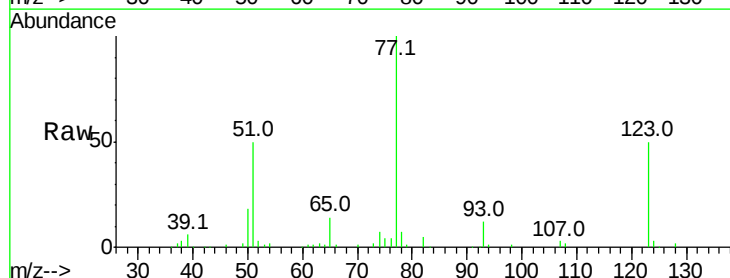
Instrument :
 BNA_F
 ClientSampleID :

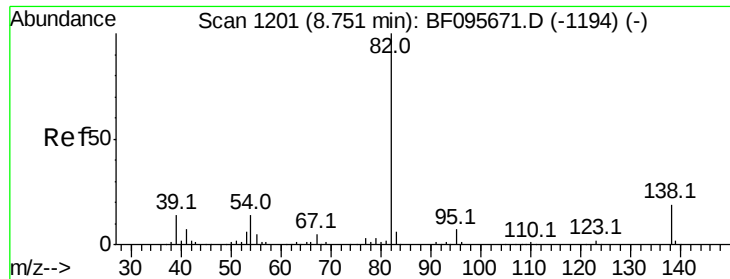
Tot Ion: 82 Resp: 358663
 Ion Ratio Lower Upper
 82 100
 128 48.5 34.0 51.0
 54 45.5 42.2 63.2



#24
 Nitrobenzene
 Concen: 44.60 ng
 RT: 8.27 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion: 77 Resp: 184987
 Ion Ratio Lower Upper
 77 100
 123 49.7 35.8 53.8
 65 13.7 10.6 15.8





#25

Isophorone

Concen: 45.14 ng

RT: 8.67 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

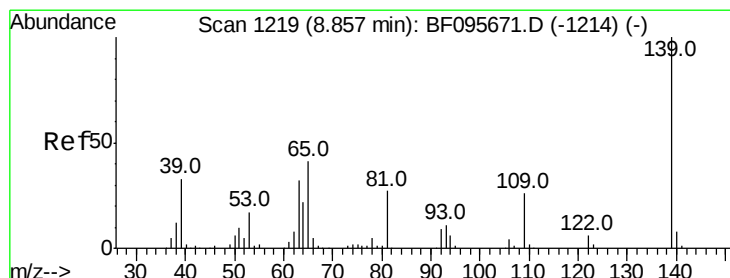
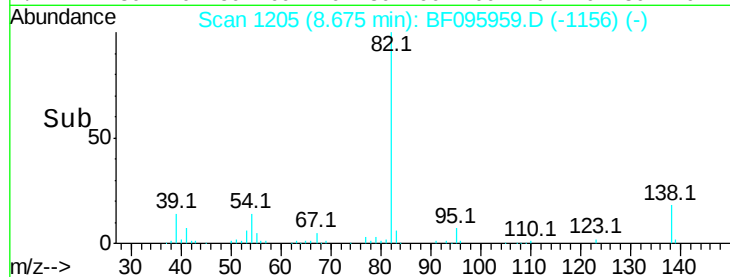
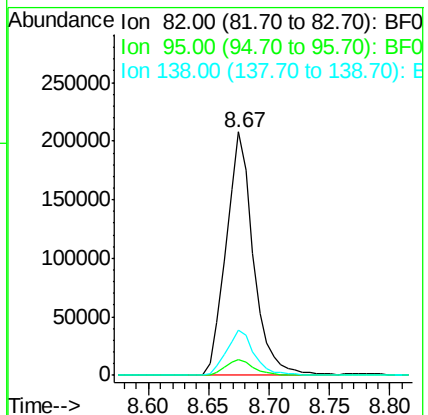
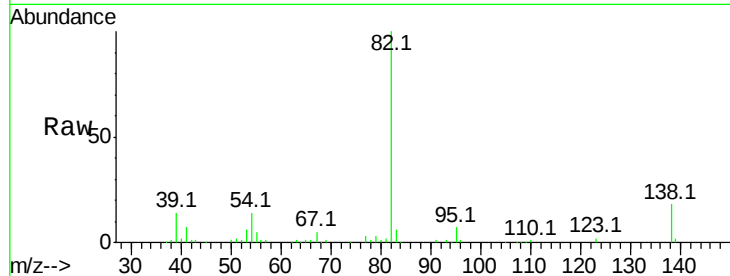
Tot Ion: 82 Resp: 327264

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.3 13.1 19.7



#26

2-Nitrophenol

Concen: 46.70 ng

RT: 8.78 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

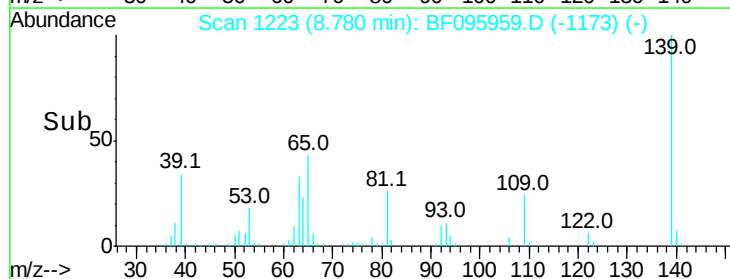
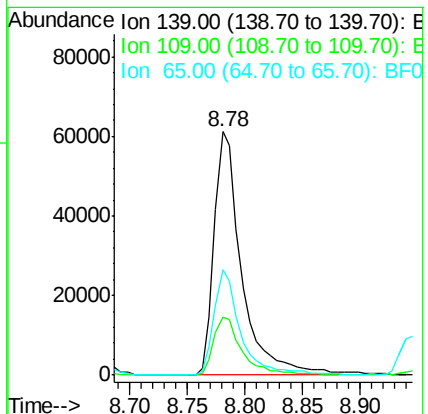
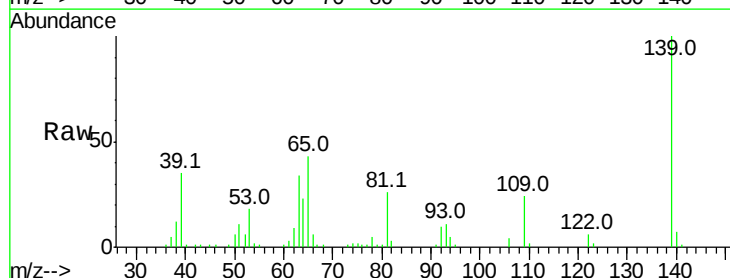
Tgt Ion: 139 Resp: 101433

Ion Ratio Lower Upper

139 100

109 24.0 21.0 31.6

65 43.3 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 47.82 ng

RT: 8.95 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

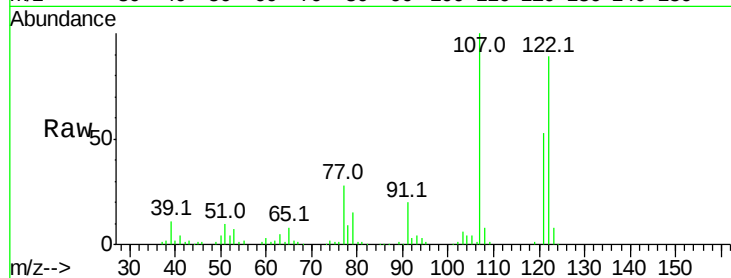
Tot Ion:122 Resp: 161188

Ion Ratio Lower Upper

122 100

107 112.2 89.2 133.8

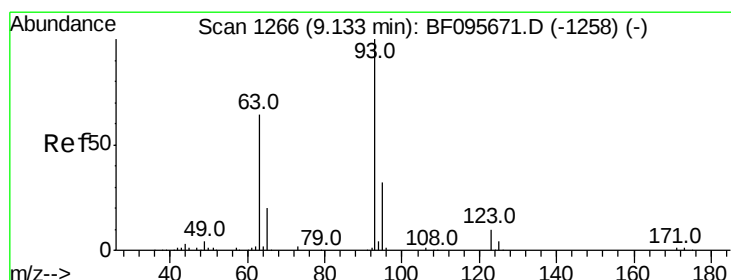
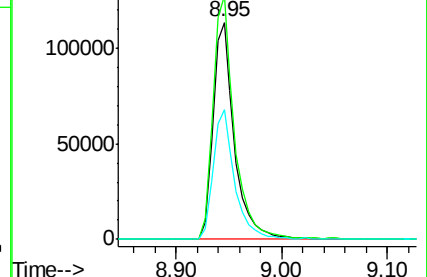
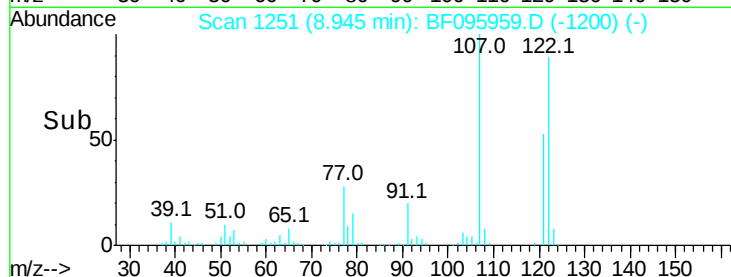
121 59.9 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.27 ng

RT: 9.05 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

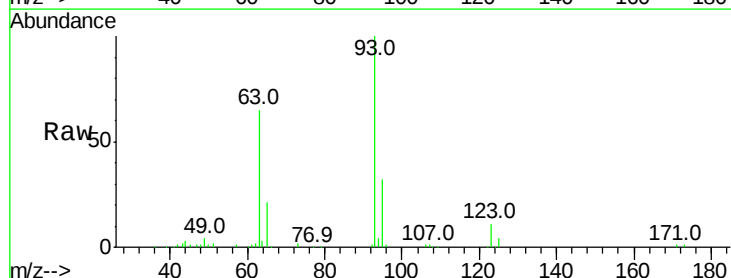
Tgt Ion: 93 Resp: 216354

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

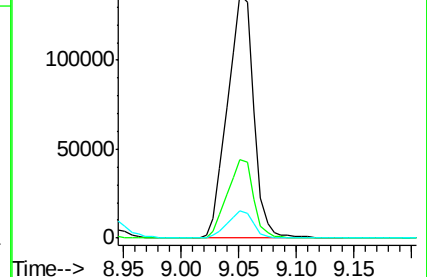
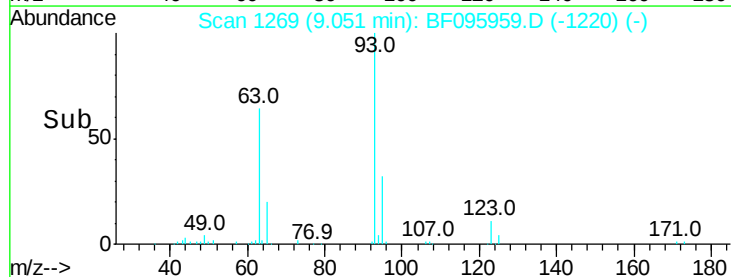
123 11.0 9.0 13.4

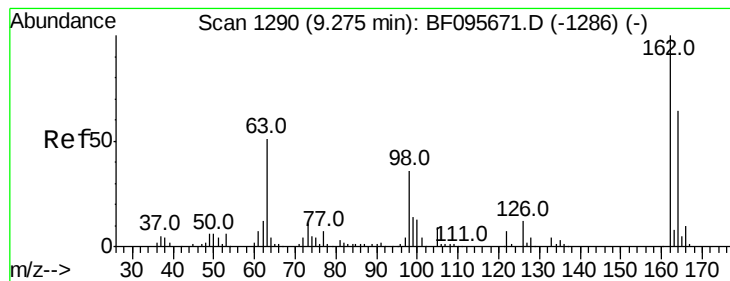


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.46 ng

RT: 9.23 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

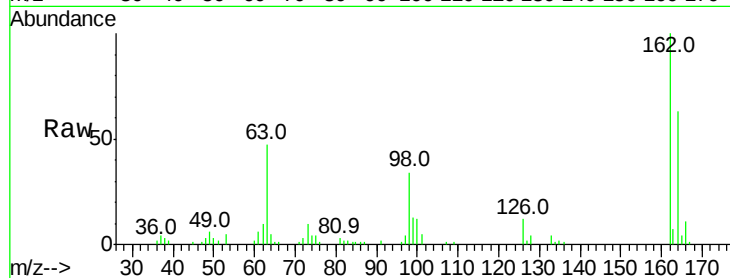
Tot Ion:162 Resp: 157296

Ion Ratio Lower Upper

162 100

164 62.9 44.6 84.6

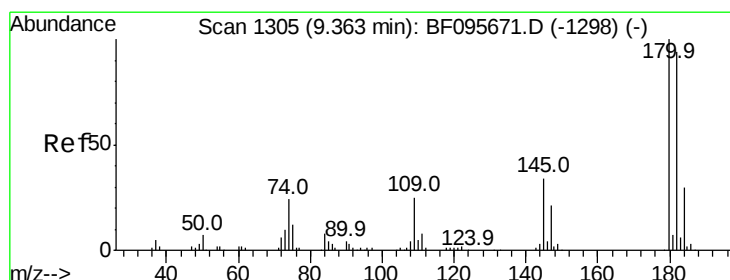
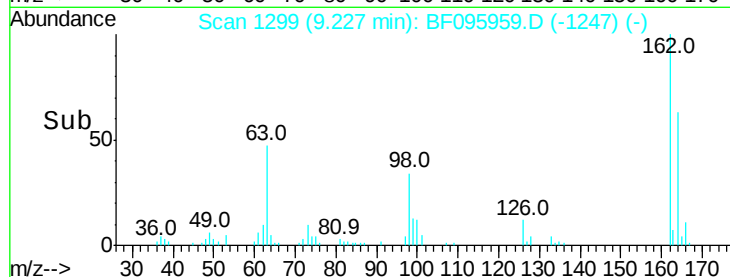
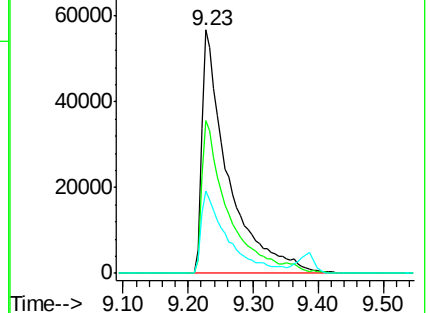
98 33.8 14.8 54.8



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): E



#30

1,2,4-Trichlorobenzene

Concen: 44.99 ng

RT: 9.29 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

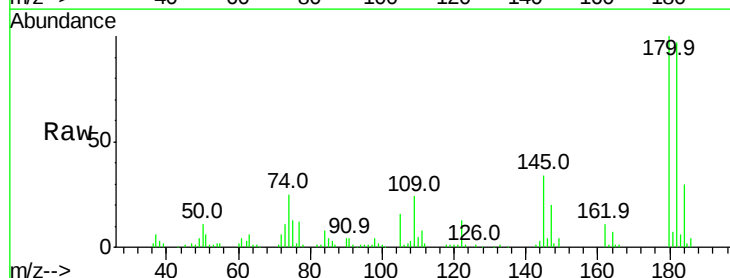
Tgt Ion:180 Resp: 151972

Ion Ratio Lower Upper

180 100

182 97.5 75.8 113.6

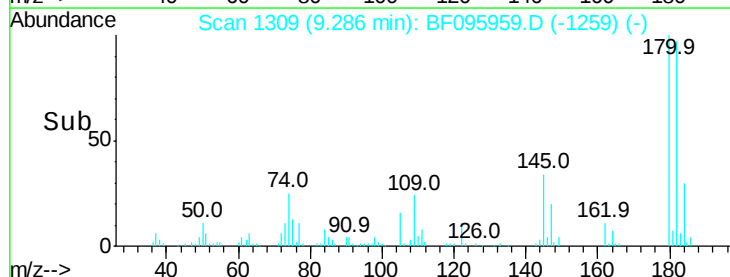
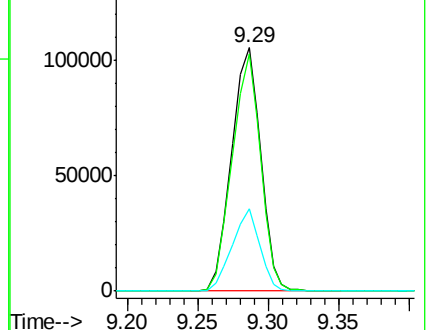
145 33.9 25.3 37.9

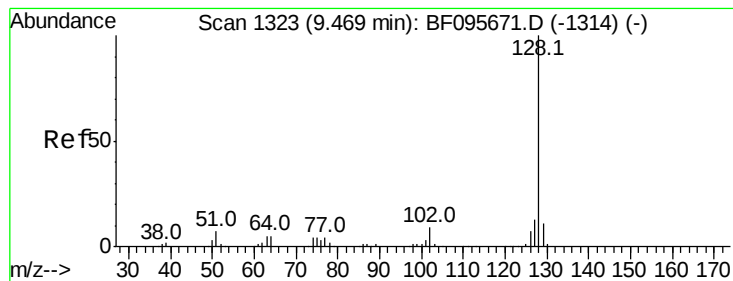


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.35 ng

RT: 9.39 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

ClientSampled :

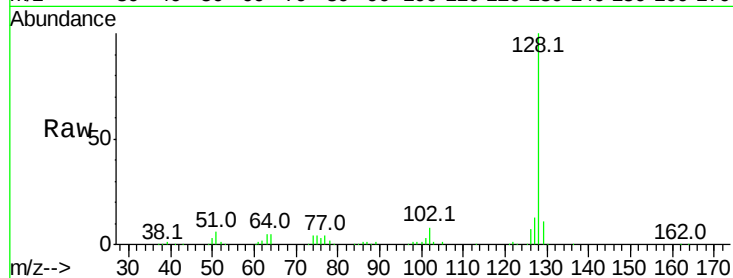
Tot Ion:128 Resp: 548776

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

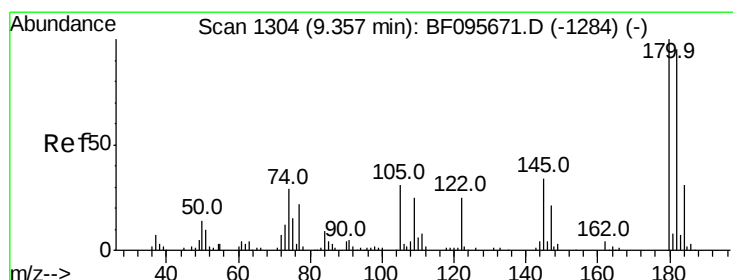
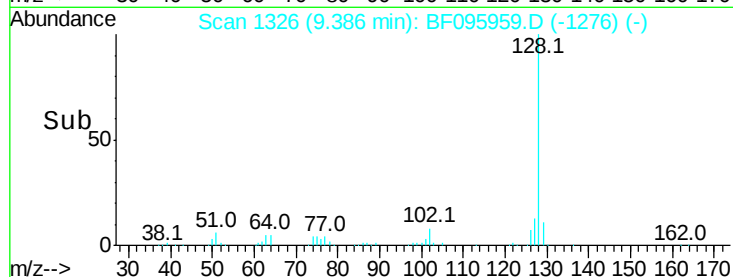
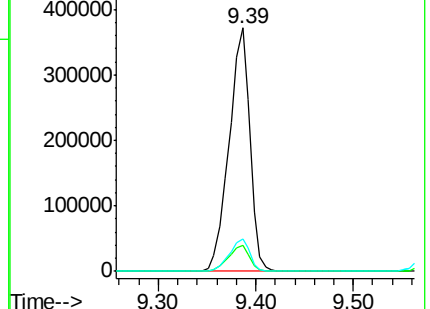
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.76 ng

RT: 9.33 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

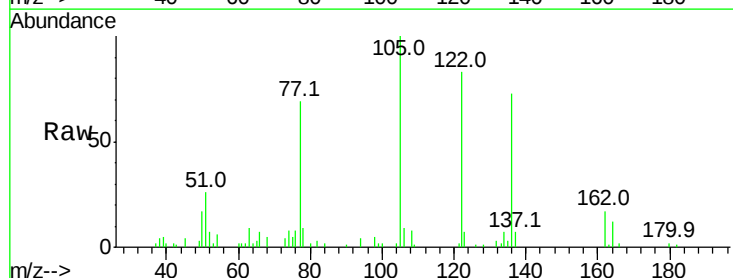
Tgt Ion:122 Resp: 86396

Ion Ratio Lower Upper

122 100

105 119.9 103.3 143.3

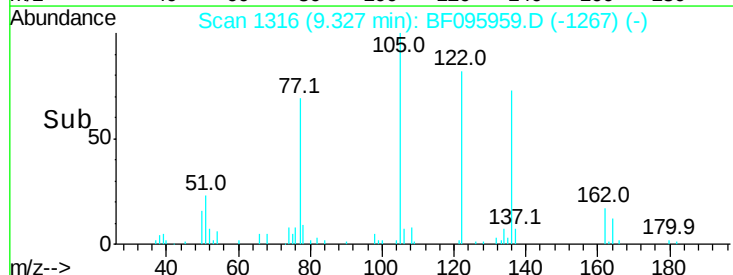
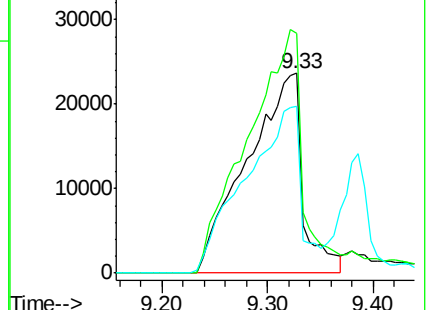
77 83.3 73.7 113.7

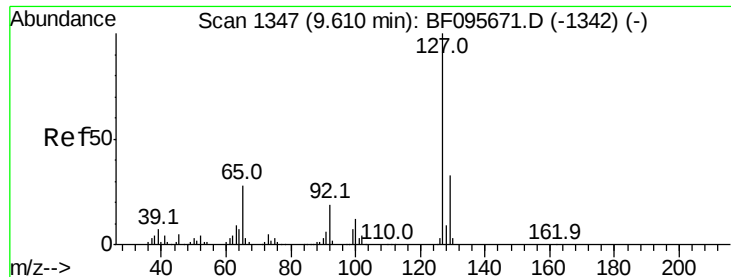


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

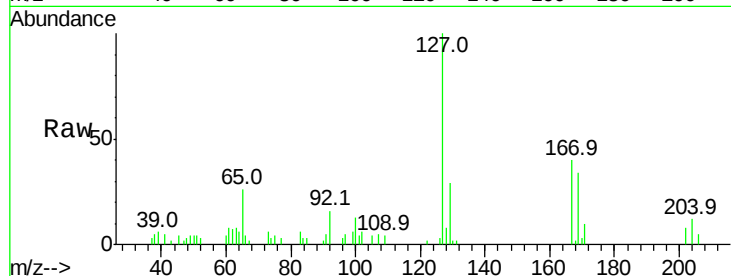




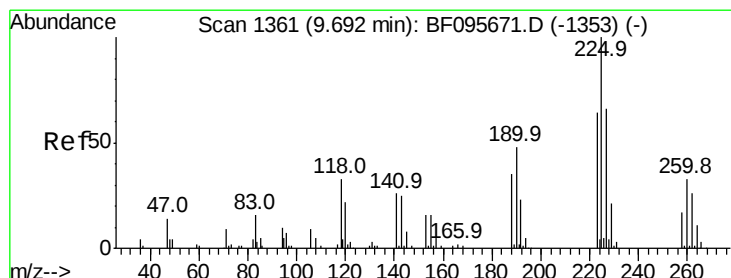
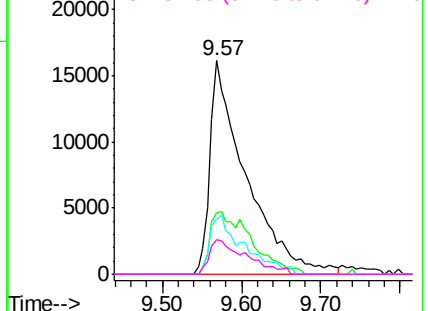
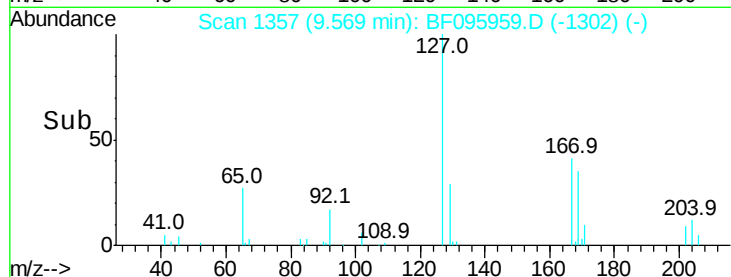
#33
4-Chloroaniline
Concen: 10.73 ng
RT: 9.57 min Scan# 1357
Delta R.T. 0.02 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 50731
Ion Ratio Lower Upper
127 100
129 28.6 26.2 39.2
65 25.8 27.8 41.8#
92 16.3 16.8 25.2#

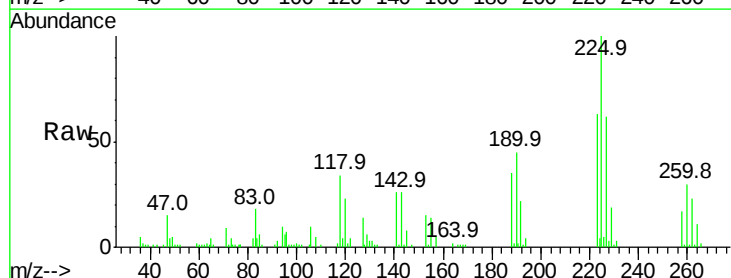


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

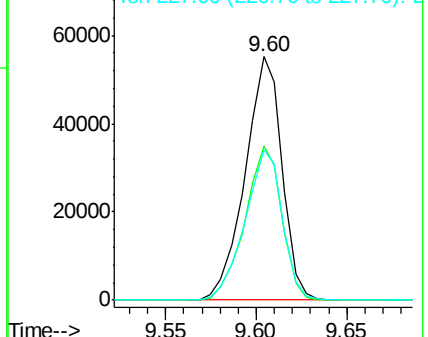
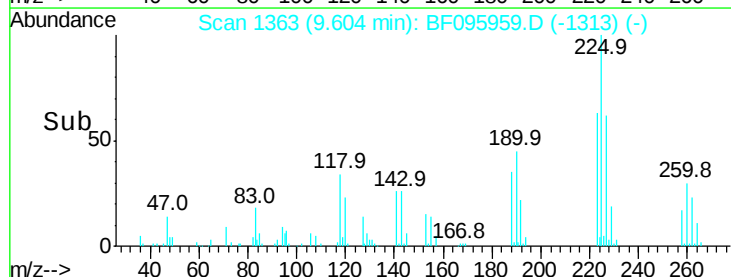


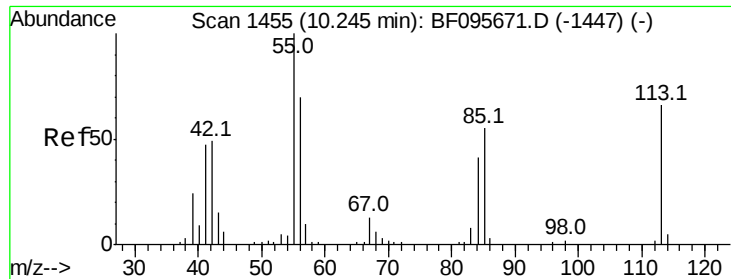
#34
Hexachlorobutadiene
Concen: 44.47 ng
RT: 9.60 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion:225 Resp: 77610
Ion Ratio Lower Upper
225 100
223 63.4 48.8 73.2
227 61.8 51.1 76.7



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





#35

Caprolactam

Concen: 20.32 ng

RT: 10.18 min Scan# 1461

Delta R.T. -0.02 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

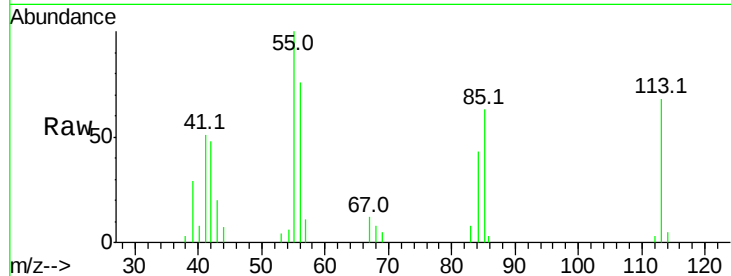
Tot Ion:113 Resp: 19622

Ion Ratio Lower Upper

113 100

55 146.8 150.2 190.2#

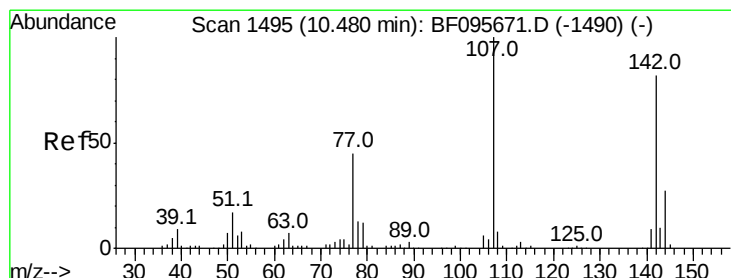
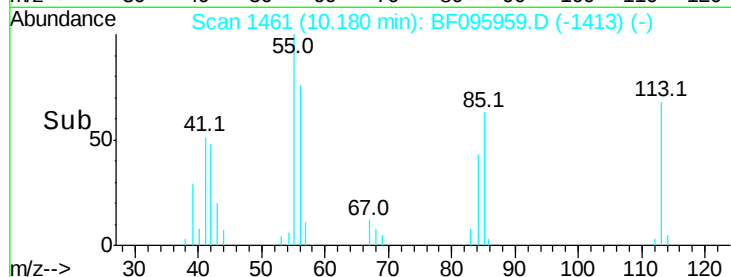
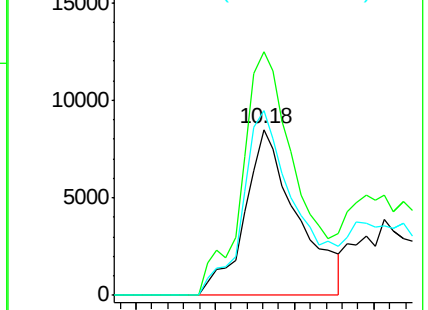
56 111.8 107.8 147.8



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: 47.73 ng

RT: 10.43 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

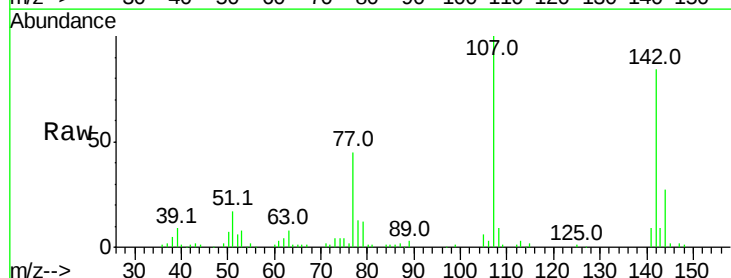
Tgt Ion:107 Resp: 162188

Ion Ratio Lower Upper

107 100

144 27.2 24.2 36.4

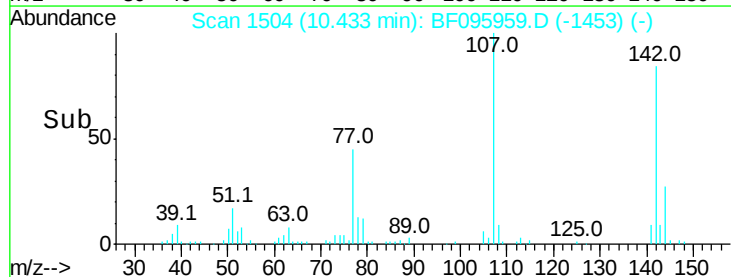
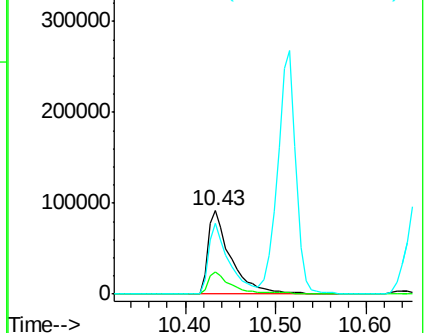
142 84.3 73.4 110.0

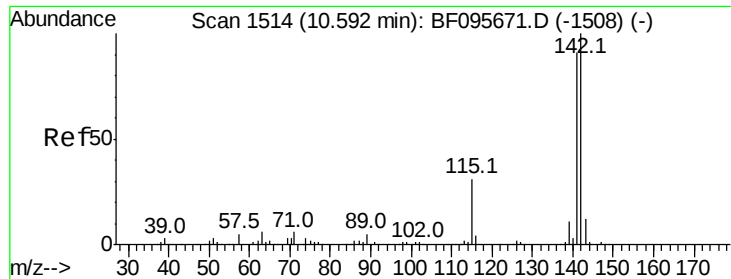


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

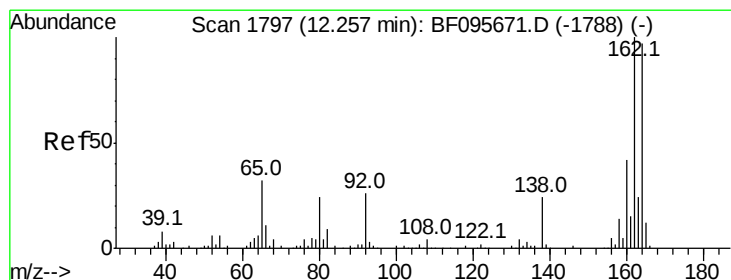
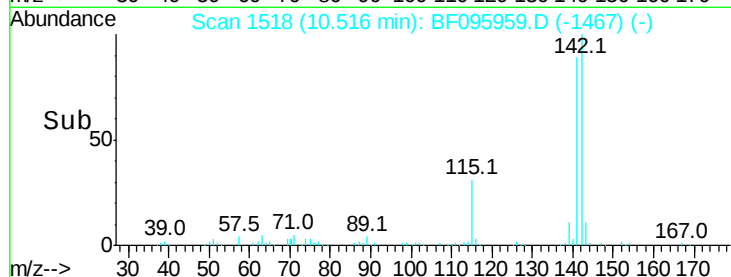
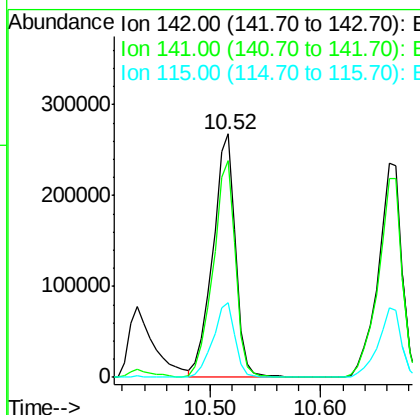
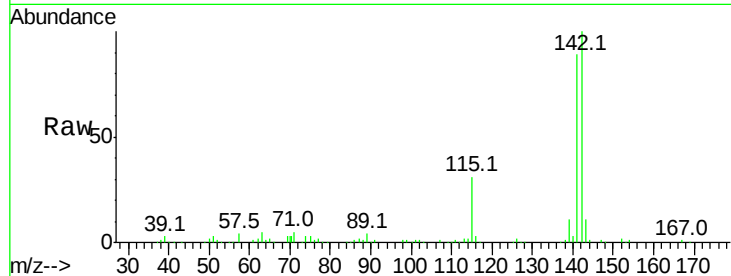




#37
2-Methylnaphthalene
Concen: 46.35 ng
RT: 10.52 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

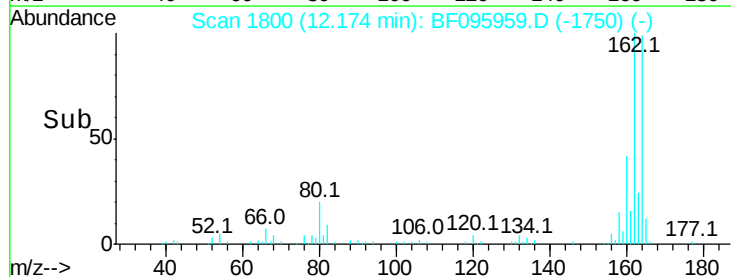
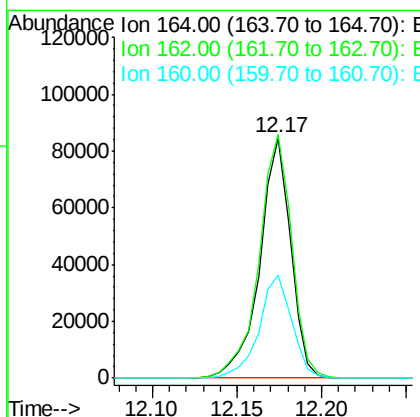
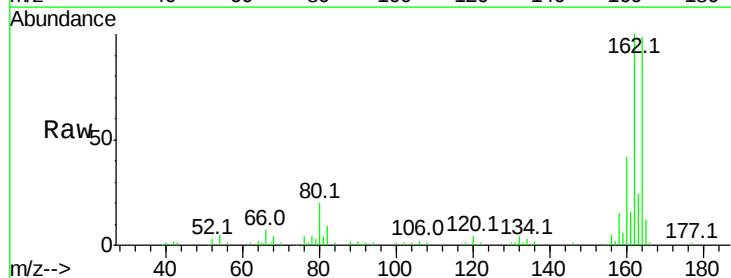
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.3	106.9
115	30.6	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	42.7	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.08 ng

RT: 10.80 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 145235

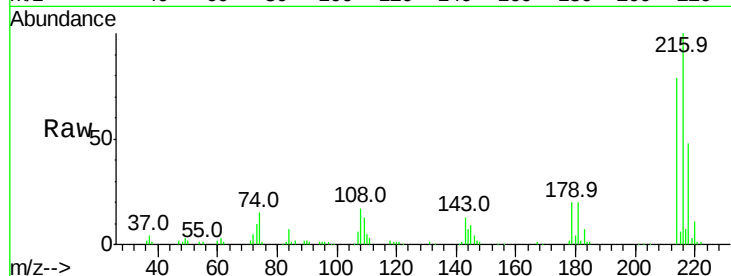
Ion Ratio Lower Upper

216 100

214 80.0 63.4 95.2

179 21.4 17.9 26.9

108 19.0 16.5 24.7

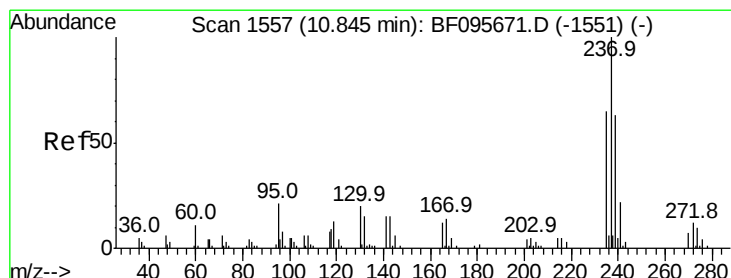
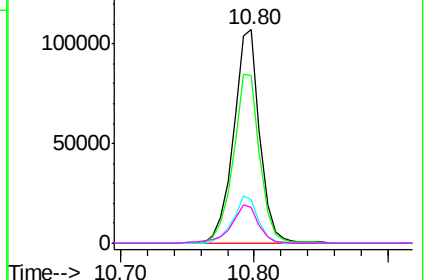
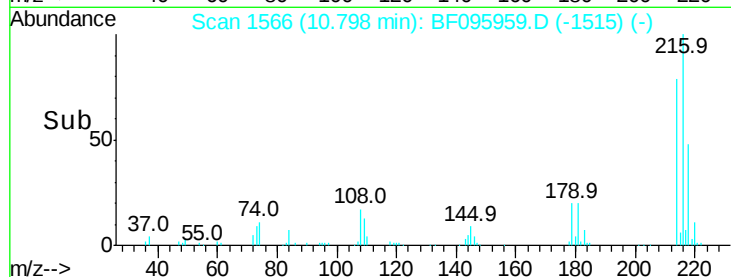


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.83 ng

RT: 10.76 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

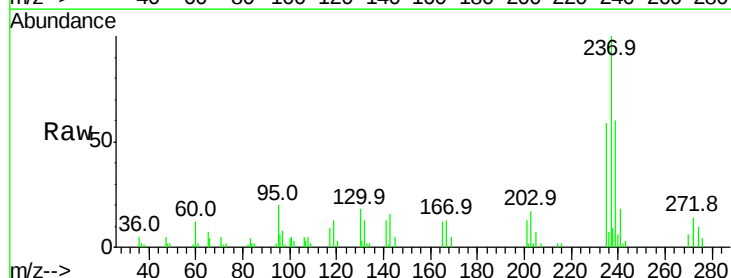
Tgt Ion:237 Resp: 35935

Ion Ratio Lower Upper

237 100

235 59.2 42.6 82.6

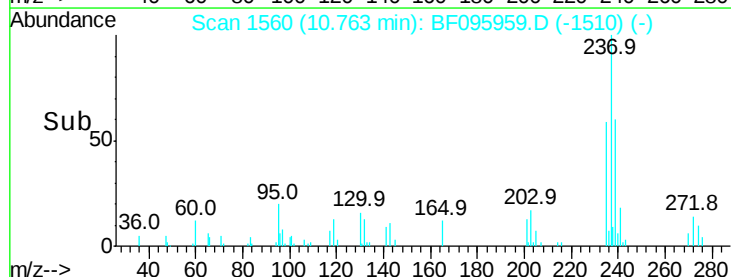
272 13.9 0.0 31.9



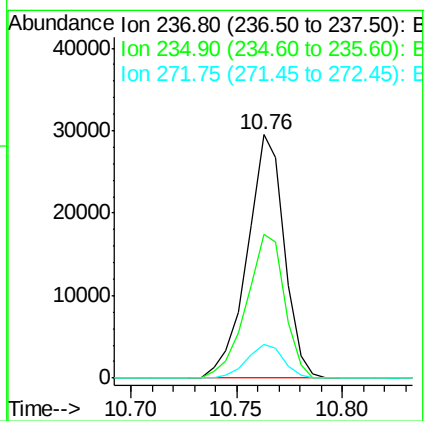
Abundance Ion 236.80 (236.50 to 237.50): E

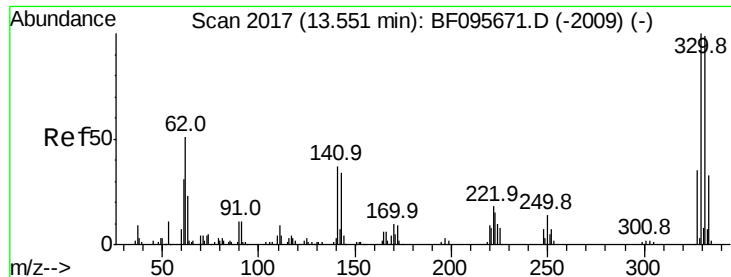
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

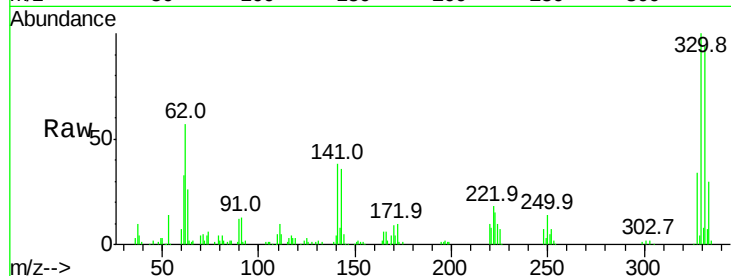




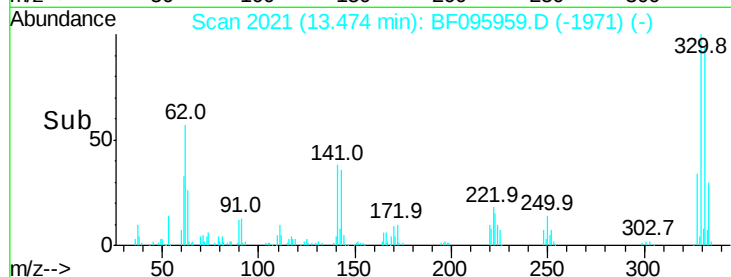
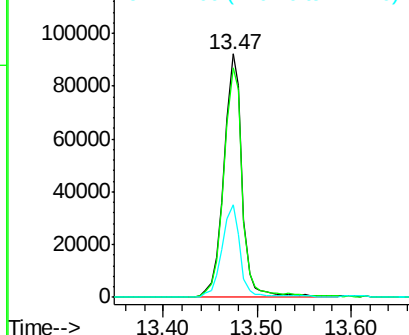
#41
 2,4,6-Tribromophenol
 Concen: 132.48 ng
 RT: 13.47 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 126174
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 37.5 31.4 47.2

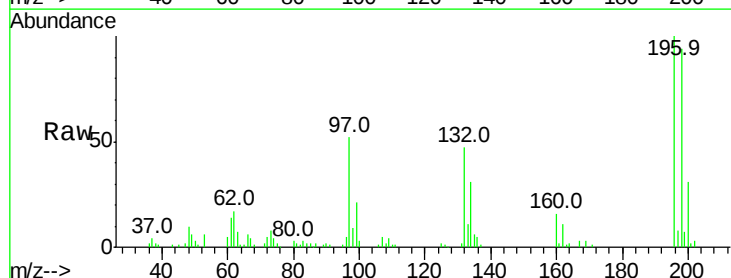


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

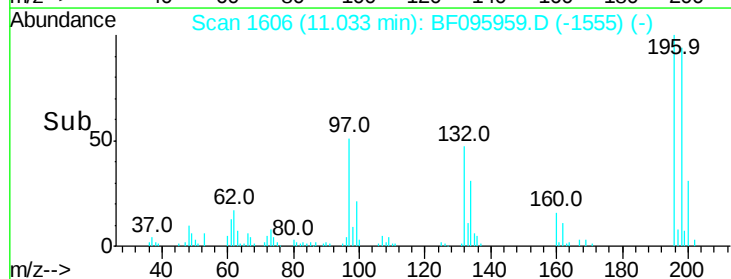
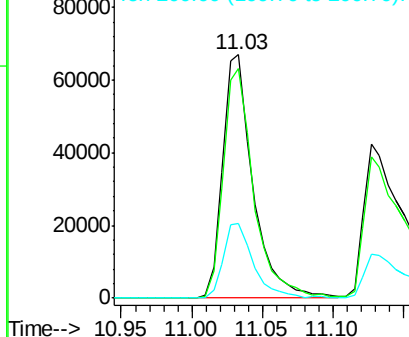


#42
 2,4,6-Trichlorophenol
 Concen: 48.30 ng
 RT: 11.03 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion:196 Resp: 100035
 Ion Ratio Lower Upper
 196 100
 198 94.3 74.2 111.4
 200 30.5 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

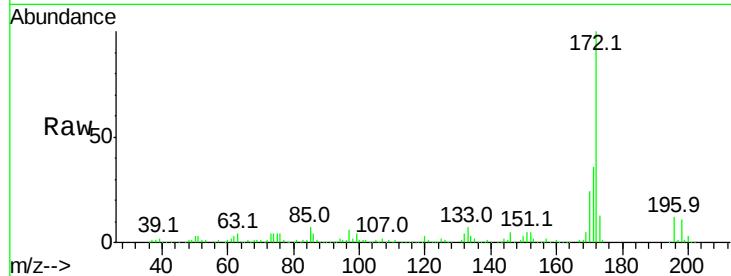




#43
 2,4,5-Trichlorophenol
 Concen: 44.66 ng
 RT: 11.13 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	98397
Ion Ratio	100	Lower	Upper
196	100		
198	91.5	75.7	113.5
97	52.5	47.7	71.5
132	35.7	28.0	42.0



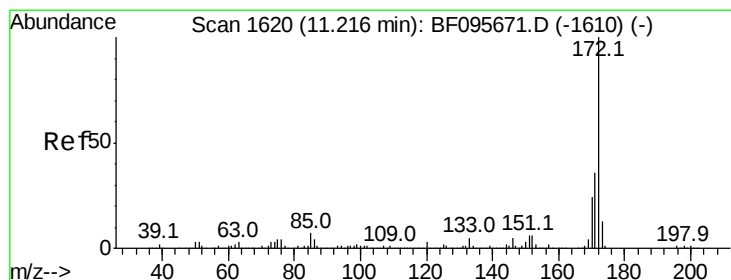
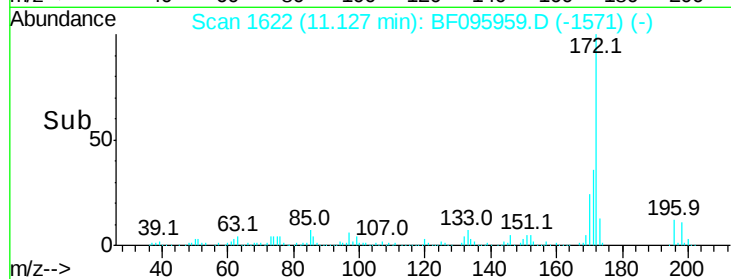
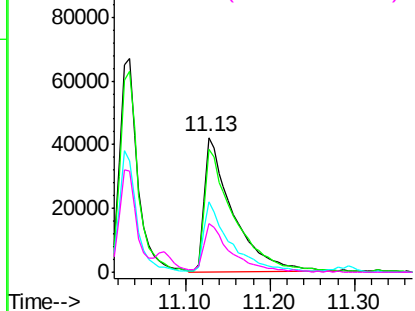
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

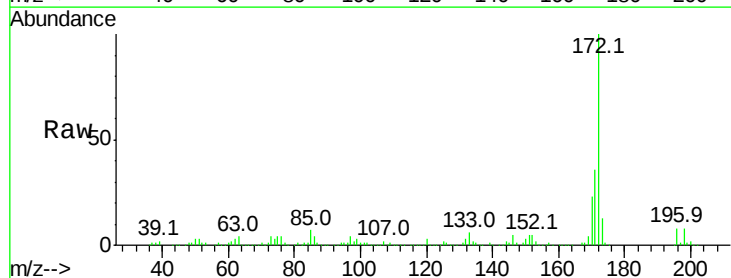
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.75 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion	172	Resp	709718
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	22.9	19.8	29.8

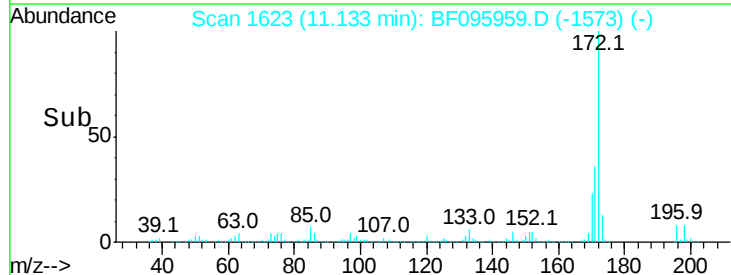
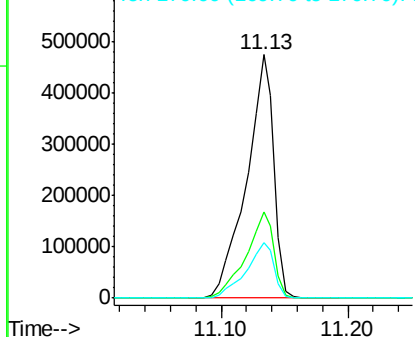


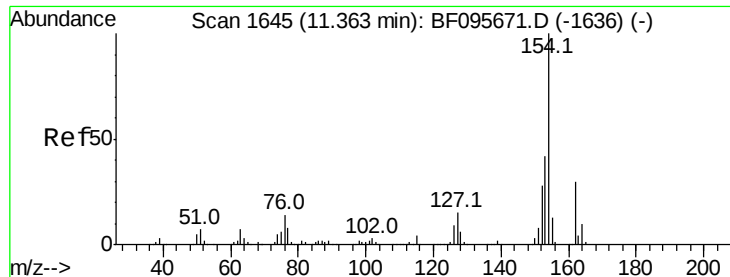
Abundance

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: 46.77 ng

RT: 11.28 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

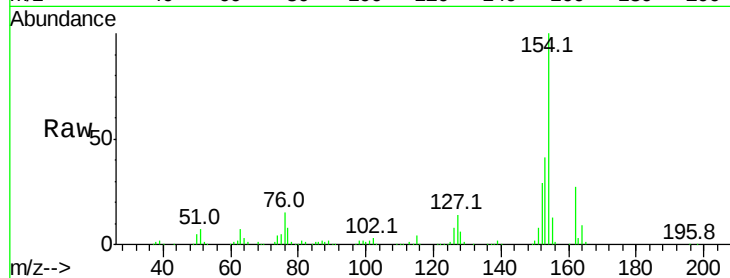
Tot Ion:154 Resp: 414979

Ion Ratio Lower Upper

154 100

153 41.4 21.2 61.2

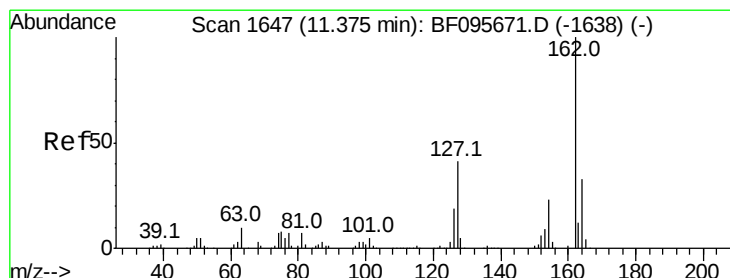
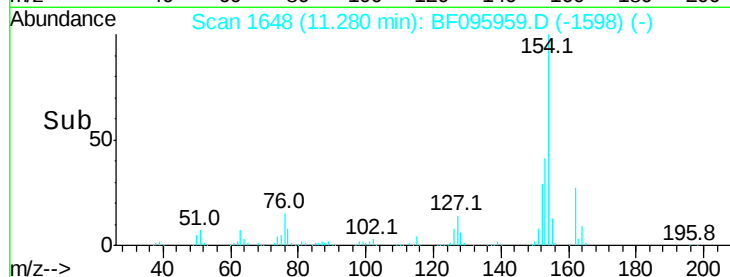
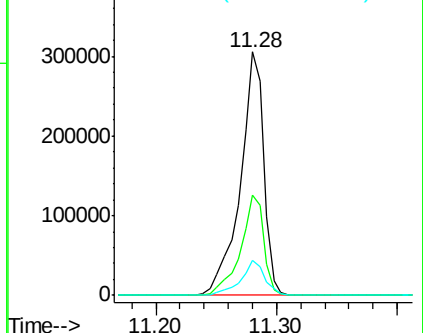
76 14.5 0.0 29.9



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: 46.11 ng

RT: 11.29 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

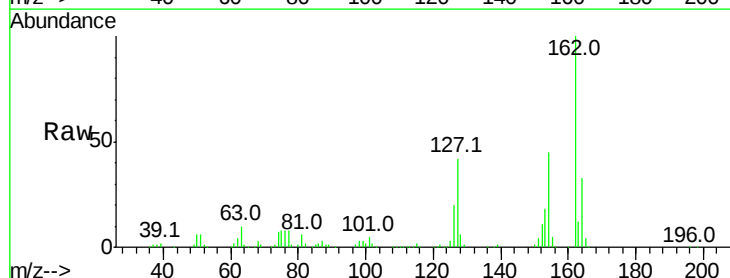
Tgt Ion:162 Resp: 319596

Ion Ratio Lower Upper

162 100

127 41.6 28.3 42.5

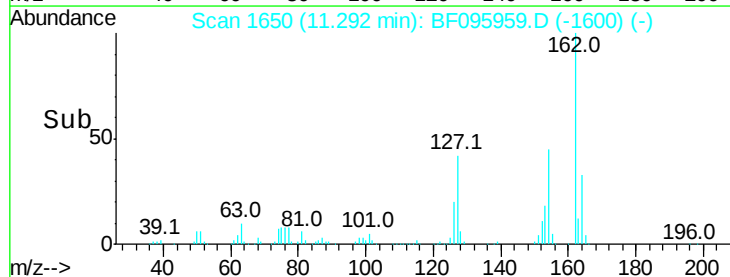
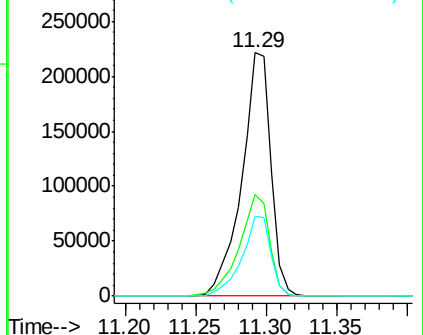
164 32.6 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

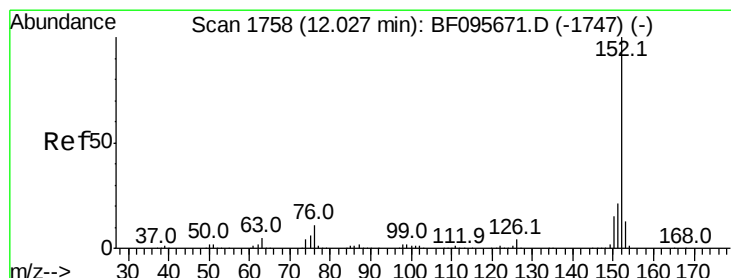
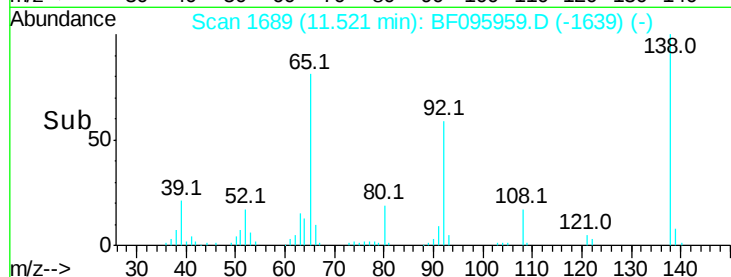
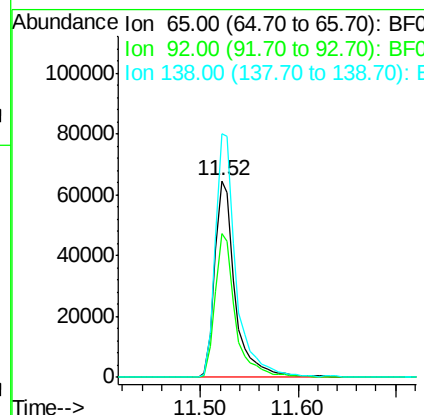
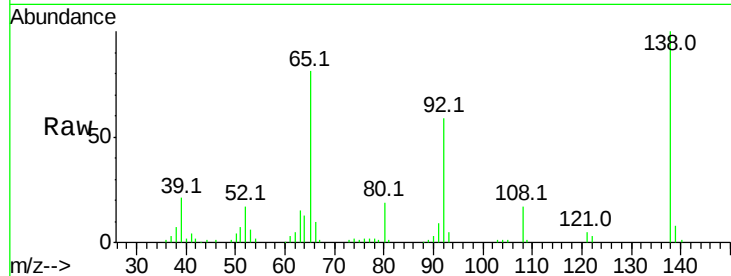




#47
 2-Nitroaniline
 Concen: 46.40 ng
 RT: 11.52 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

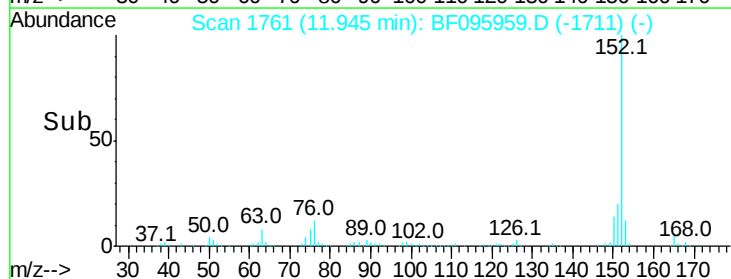
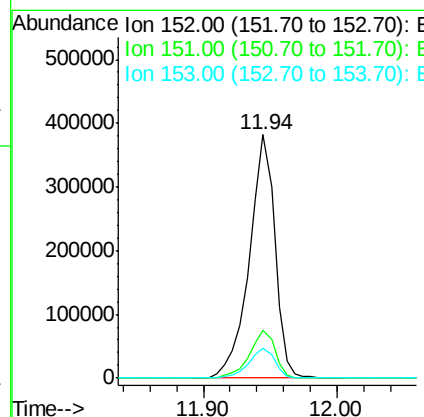
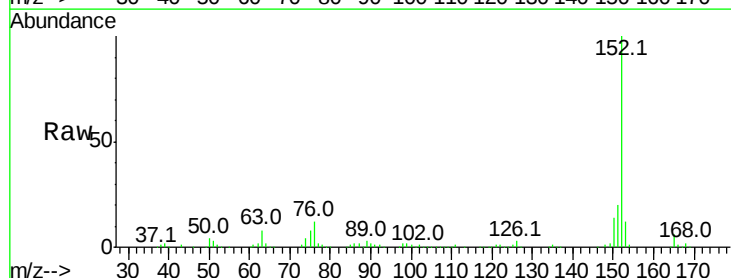
Instrument :
 BNA_F
 ClientSampleId :

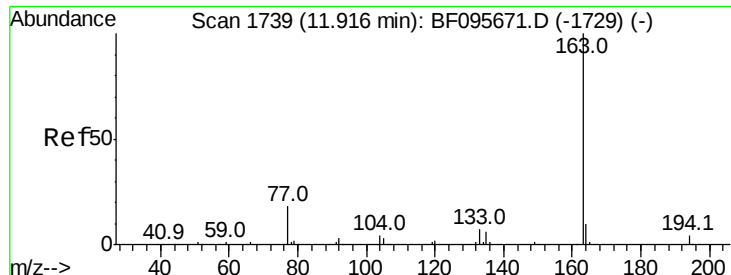
Tot Ion: 65 Resp: 94120
 Ion Ratio Lower Upper
 65 100
 92 73.3 53.9 80.9
 138 123.8 78.8 118.2#



#48
 Acenaphthylene
 Concen: 42.43 ng
 RT: 11.94 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion:152 Resp: 502916
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.8 25.2
 153 12.4 10.8 16.2





#49

Dimethylphthalate

Concen: 47.56 ng

RT: 11.84 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

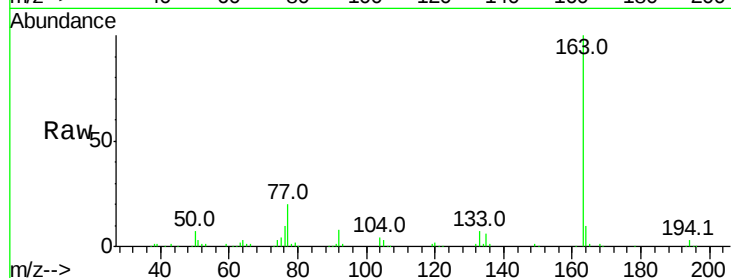
Tot Ion:163 Resp: 388726

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

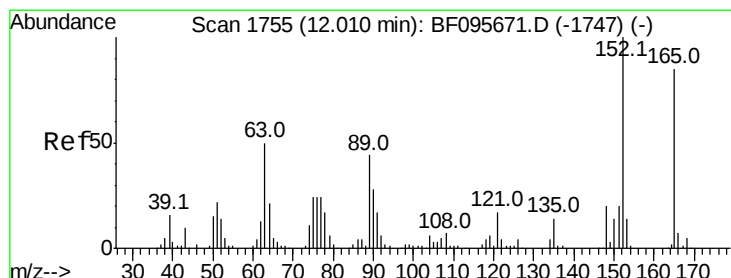
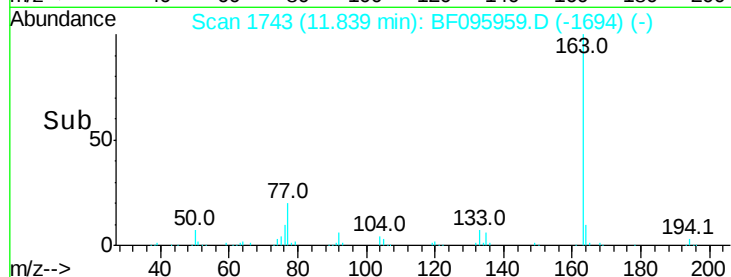
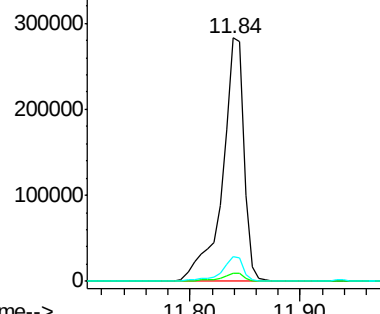
164 10.2 8.4 12.6



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: 45.58 ng

RT: 11.94 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

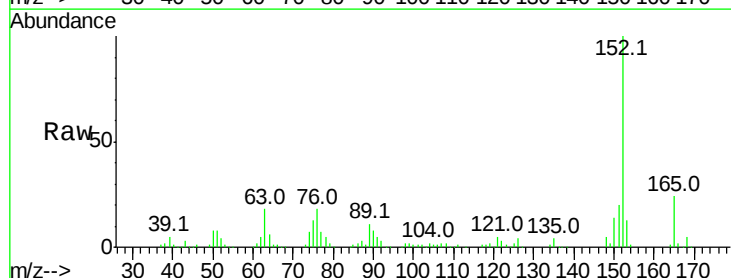
Tgt Ion:165 Resp: 81252

Ion Ratio Lower Upper

165 100

63 74.9 34.3 51.5#

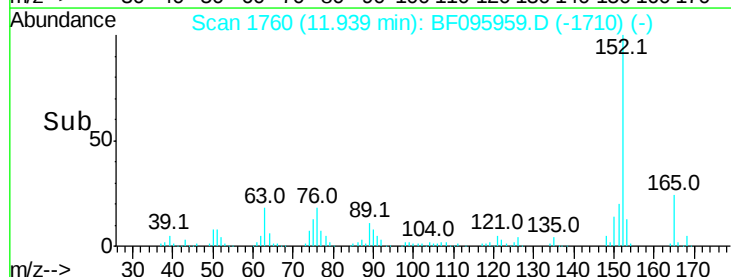
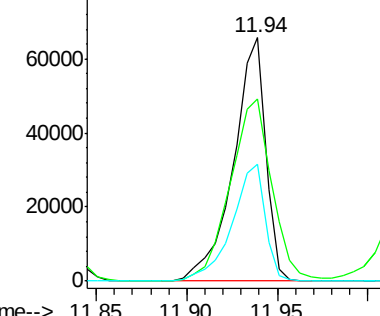
89 48.0 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

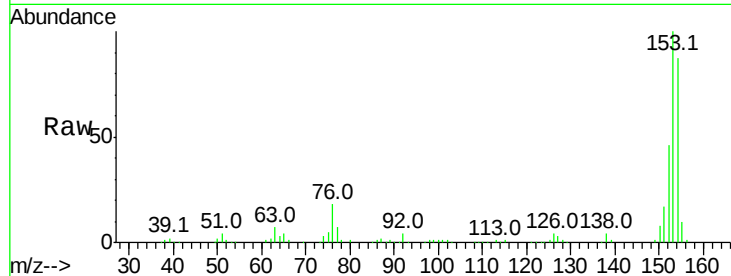




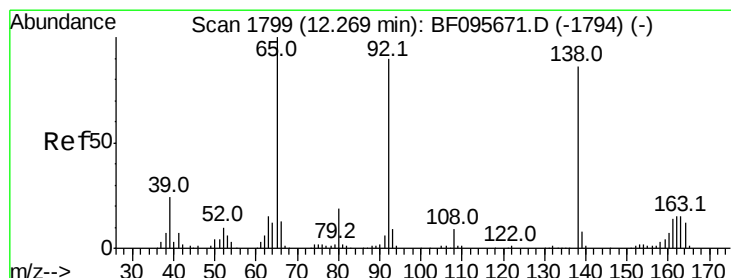
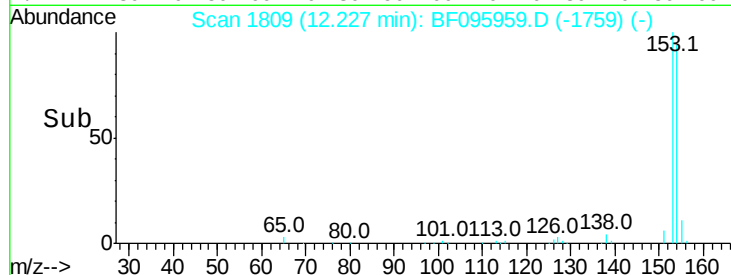
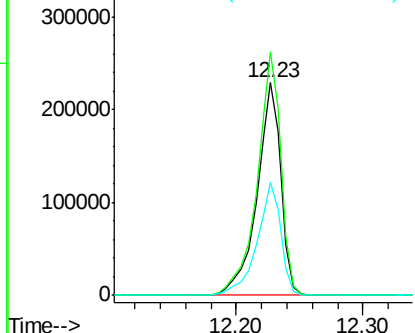
#51
Acenaphthene
Concen: 43.92 ng
RT: 12.23 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 300651
Ion Ratio Lower Upper
154 100
153 114.4 90.5 135.7
152 53.1 43.6 65.4

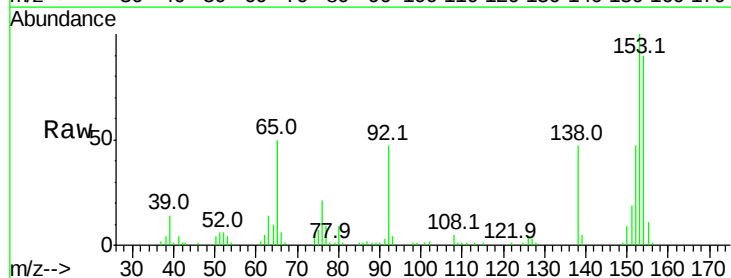


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

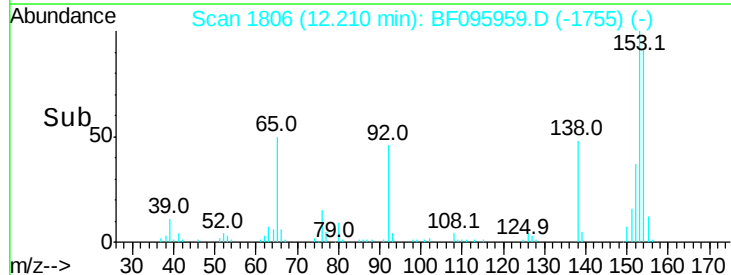
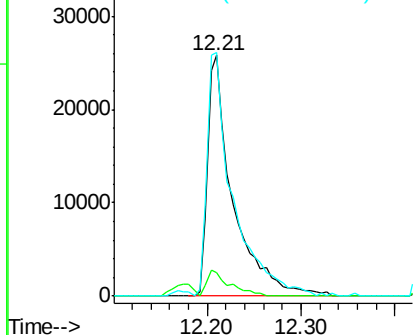


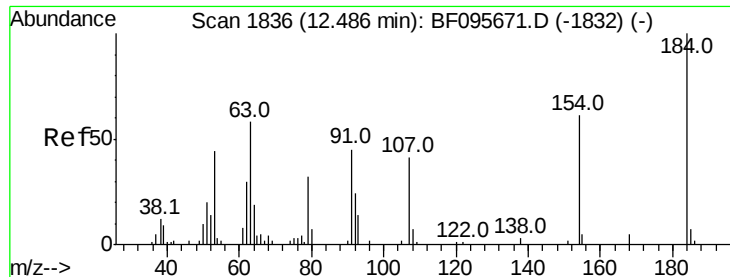
#52
3-Nitroaniline
Concen: 23.47 ng
RT: 12.21 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion:138 Resp: 48745
Ion Ratio Lower Upper
138 100
108 9.9 9.1 13.7
92 101.1 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

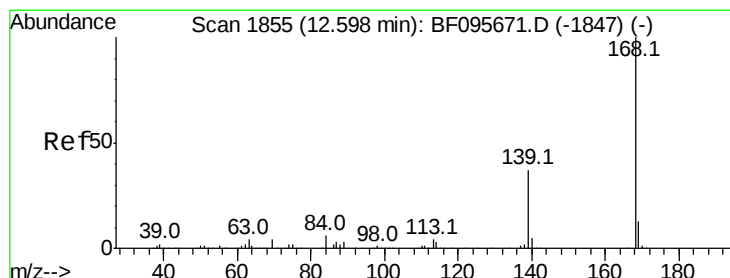
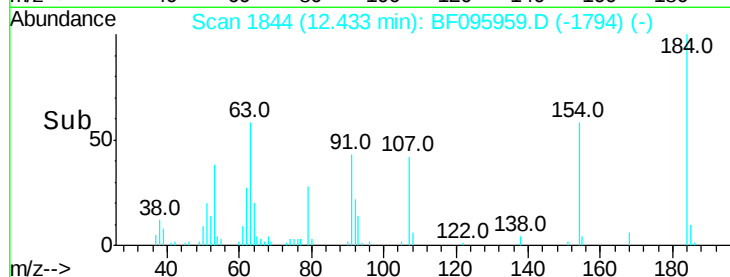
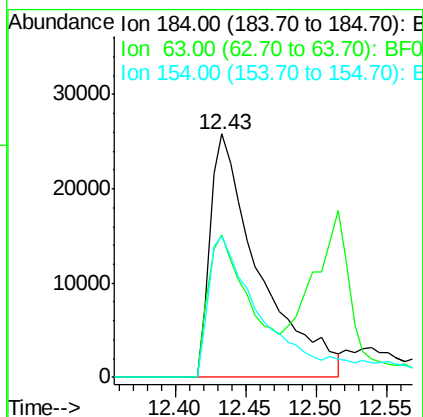
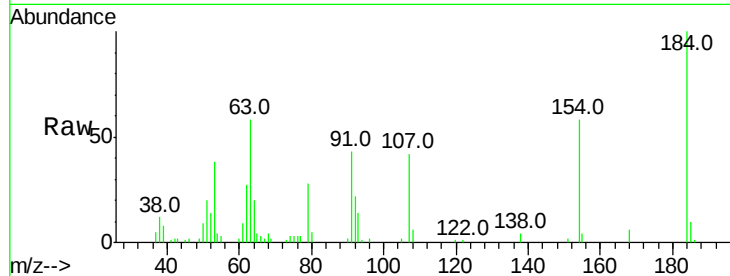




#53
 2,4-Dinitrophenol
 Concen: 63.49 ng
 RT: 12.43 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

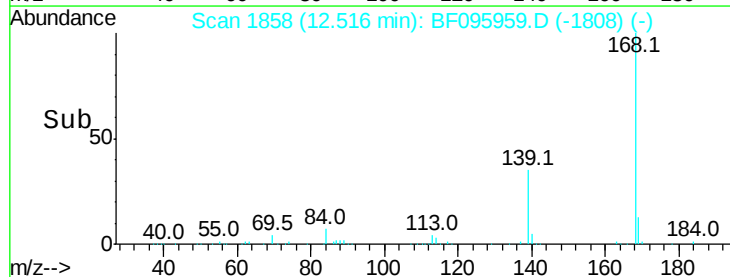
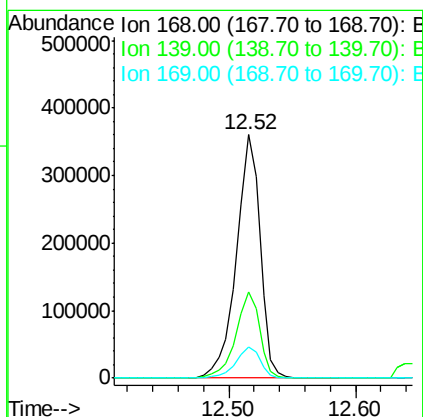
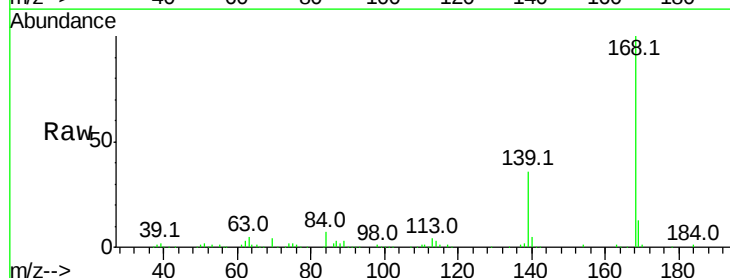
Instrument :
 BNA_F
 ClientSampleId :

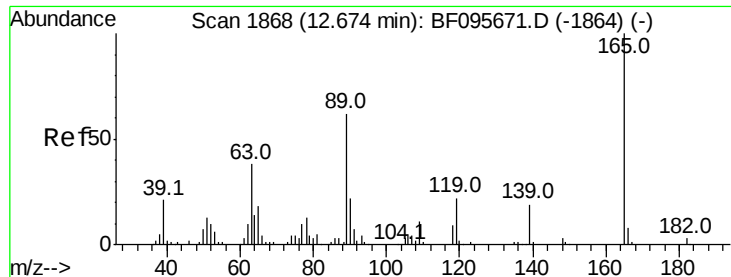
Tot Ion:184 Resp: 62621
 Ion Ratio Lower Upper
 184 100
 63 58.3 62.7 94.1#
 154 57.9 81.1 121.7#



#54
 Dibenzofuran
 Concen: 48.22 ng
 RT: 12.52 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion:168 Resp: 464609
 Ion Ratio Lower Upper
 168 100
 139 35.7 30.6 45.8
 169 13.0 10.8 16.2

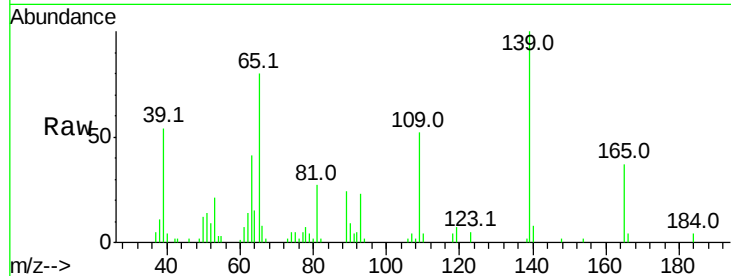




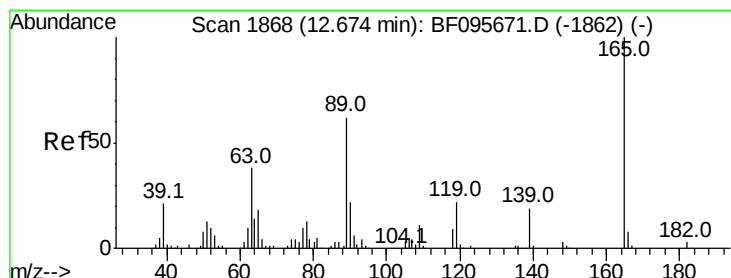
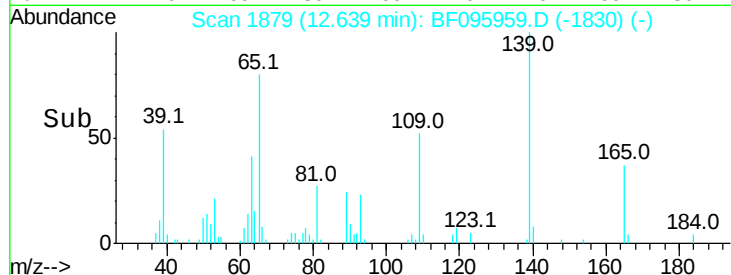
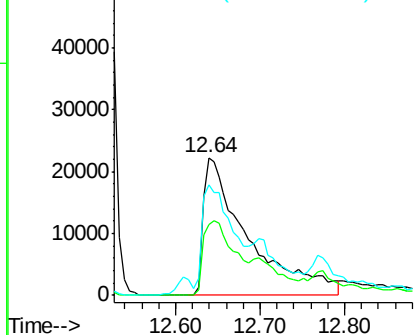
#55
4-Nitrophenol
Concen: 68.22 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 81852
Ion Ratio Lower Upper
139 100
109 51.6 34.1 74.1
65 80.4 31.4 71.4#

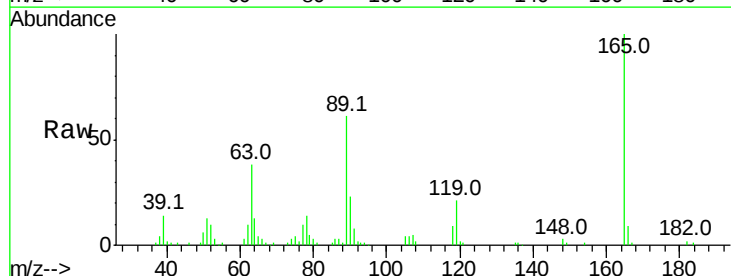


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

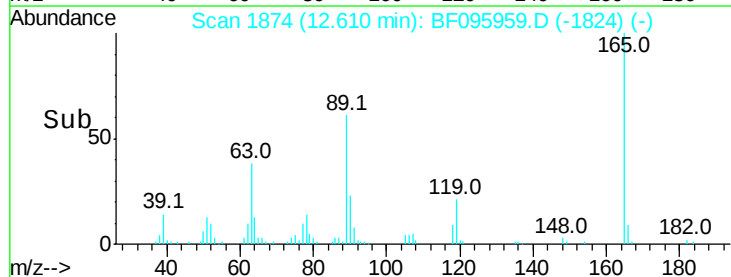
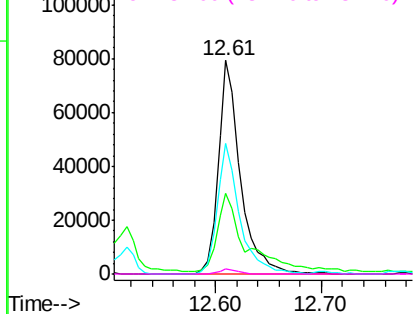


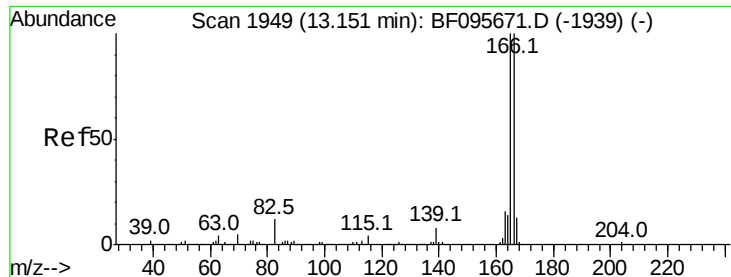
#56
2,4-Dinitrotoluene
Concen: 48.18 ng
RT: 12.61 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion:165 Resp: 116008
Ion Ratio Lower Upper
165 100
63 37.7 25.4 38.0
89 61.2 46.4 69.6
182 2.5 1.8 2.6



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





#57

Fluorene

Concen: 44.00 ng

RT: 13.07 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

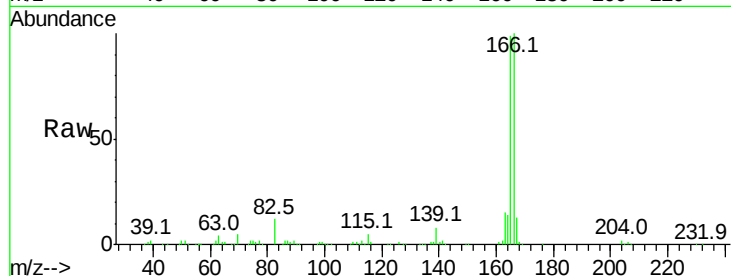
Tot Ion:166 Resp: 368955

Ion Ratio Lower Upper

166 100

165 98.7 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

300000

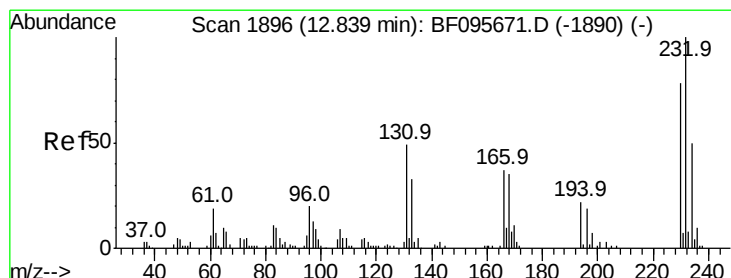
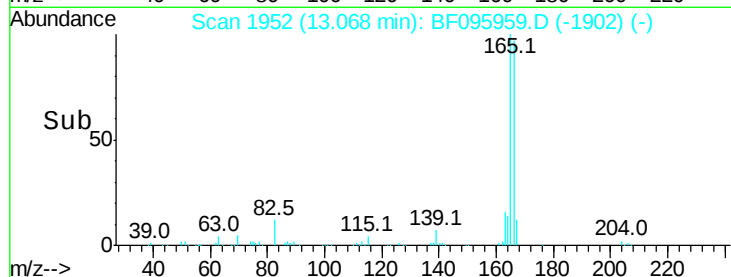
200000

100000

0

13.07

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.56 ng

RT: 12.77 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Tgt Ion:232 Resp: 77717

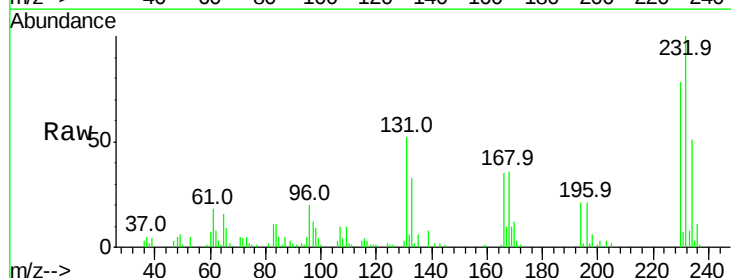
Ion Ratio Lower Upper

232 100

131 49.6 44.8 67.2

130 1.7 2.3 3.5#

166 37.8 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

60000

50000

40000

30000

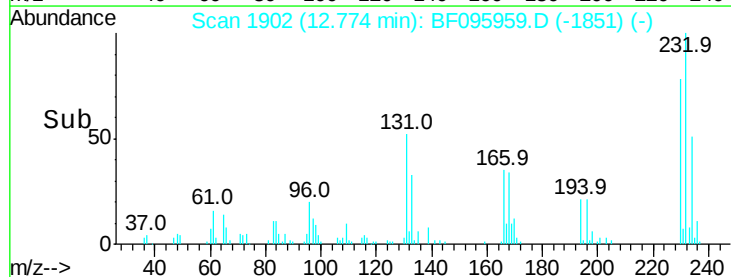
20000

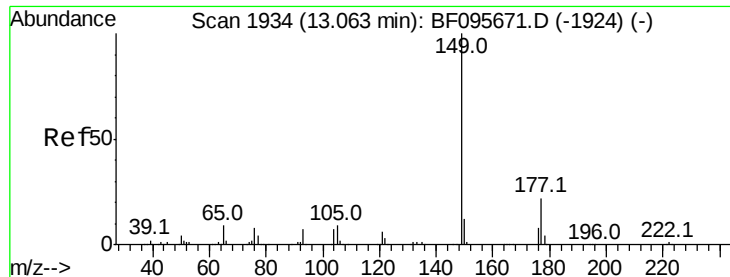
10000

0

12.77

Time-->

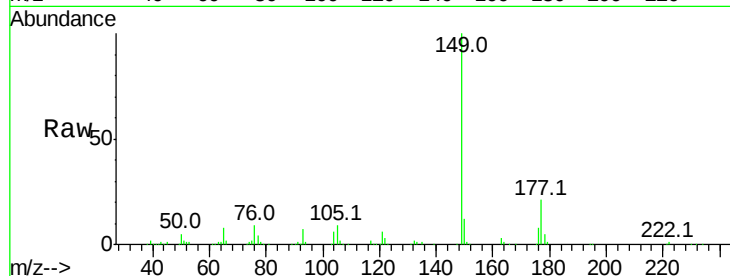




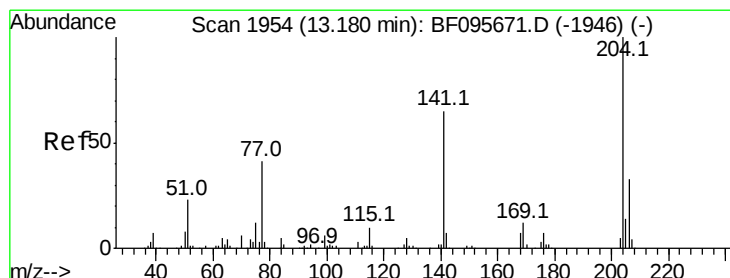
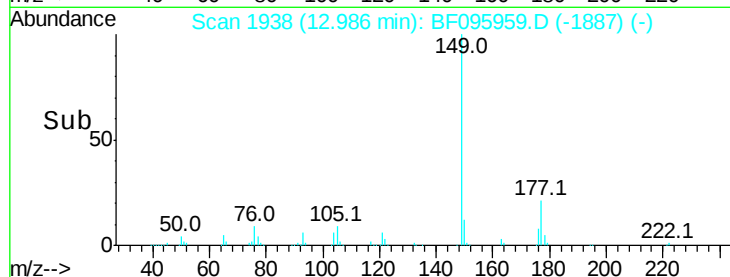
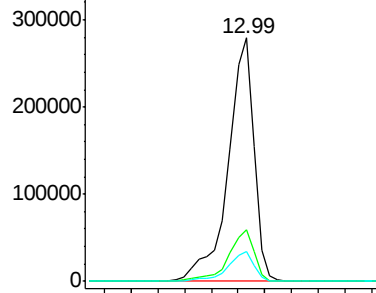
#59
Diethylphthalate
Concen: 47.51 ng
RT: 12.99 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 373659
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.3 10.2 15.2

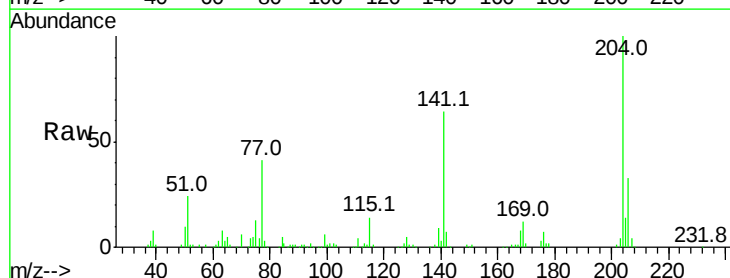


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

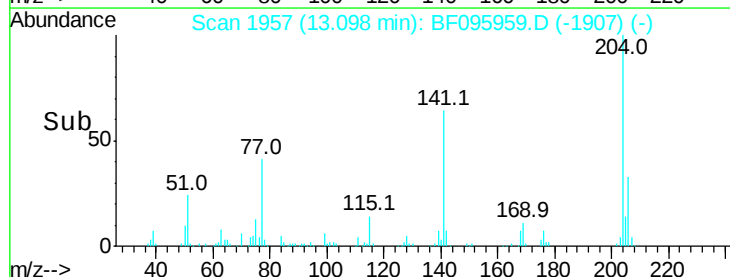
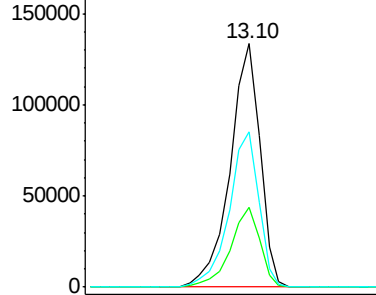


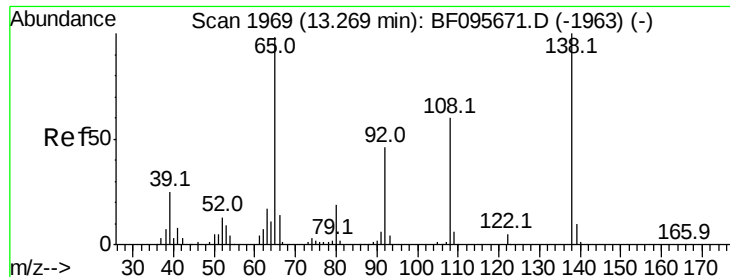
#60
4-Chlorophenyl-phenylether
Concen: 45.03 ng
RT: 13.10 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion:204 Resp: 164178
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 63.9 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.60 ng

RT: 13.21 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

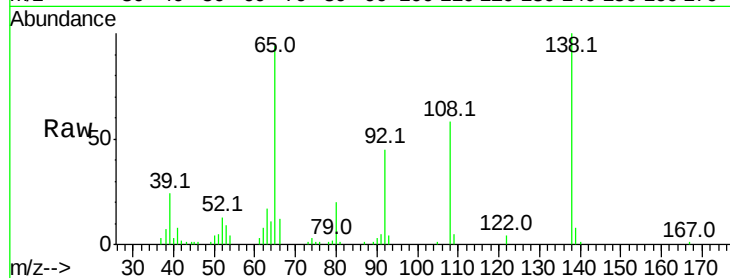
Tot Ion:138 Resp: 76789

Ion Ratio Lower Upper

138 100

92 45.1 21.8 61.8

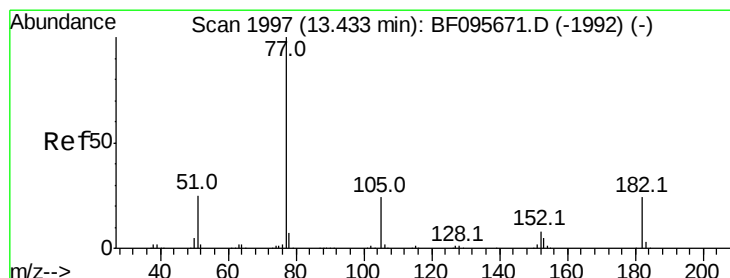
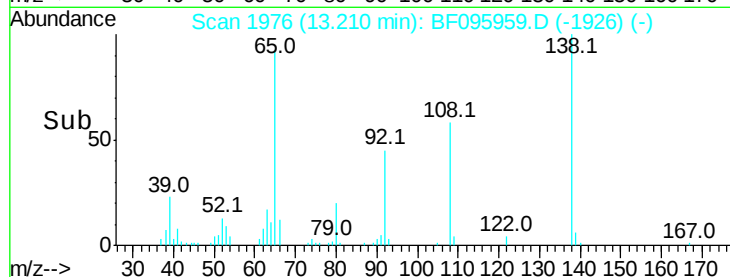
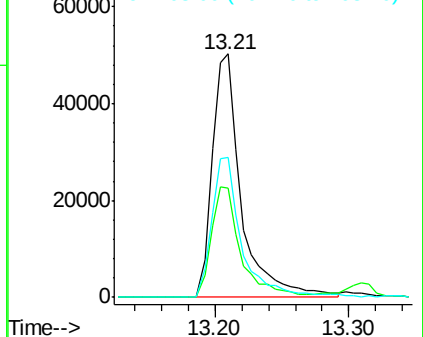
108 57.7 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.43 ng

RT: 13.36 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Tgt Ion: 77 Resp: 338123

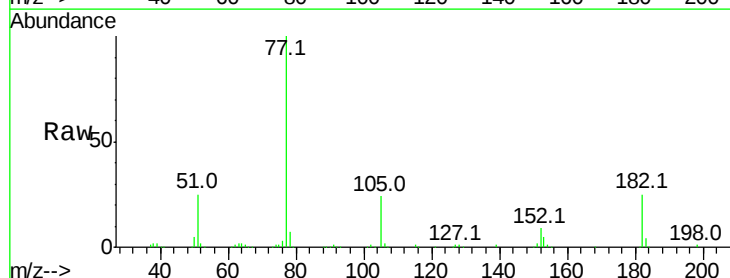
Ion Ratio Lower Upper

77 100

182 25.3 0.1 40.1

105 24.2 3.6 43.6

51 25.0 9.4 49.4

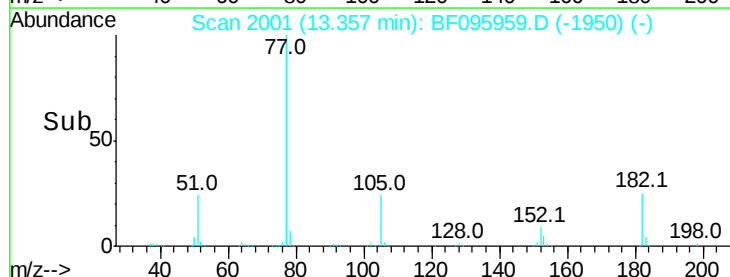
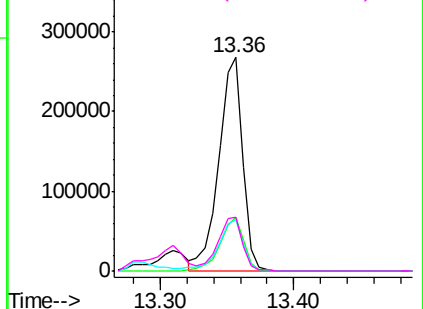


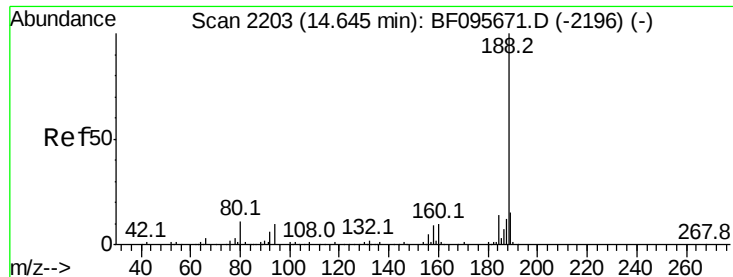
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

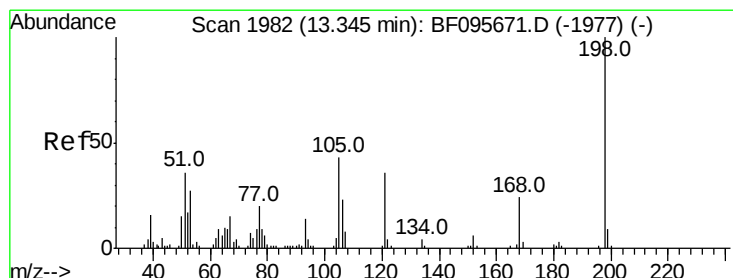
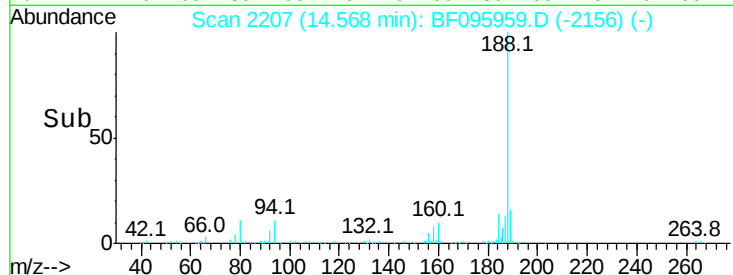
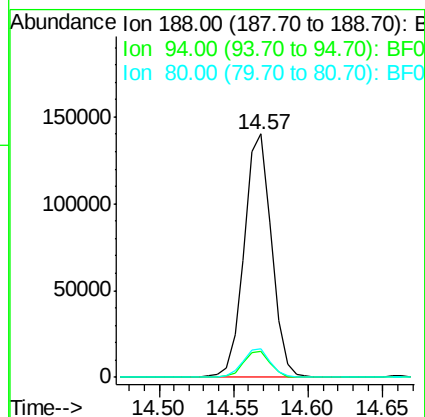
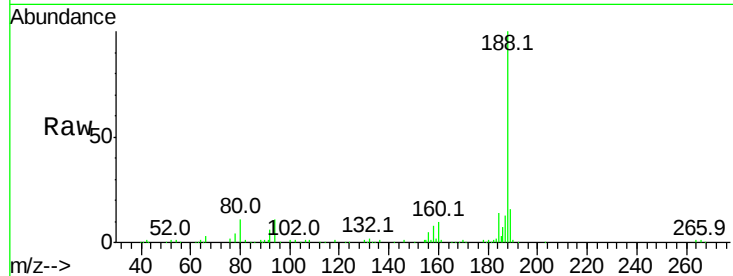




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

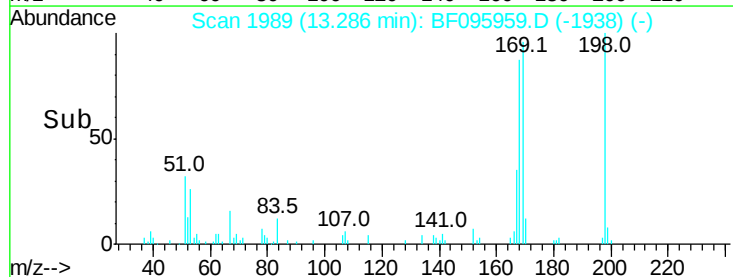
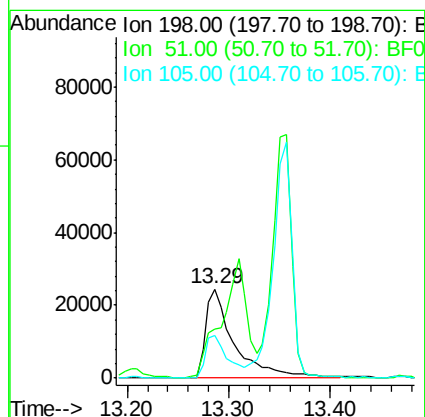
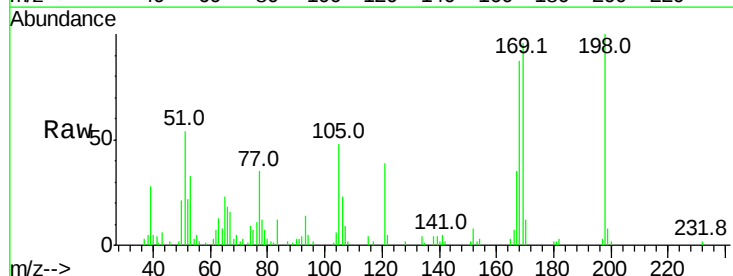
Instrument :
BNA_F
ClientSampleId :

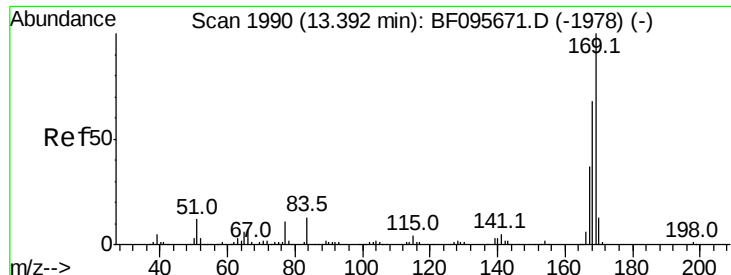
Tot Ion:188 Resp: 177398
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 41.37 ng
RT: 13.29 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion:198 Resp: 48242
Ion Ratio Lower Upper
198 100
51 54.2 53.2 93.2
105 47.8 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 49.63 ng

RT: 13.31 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

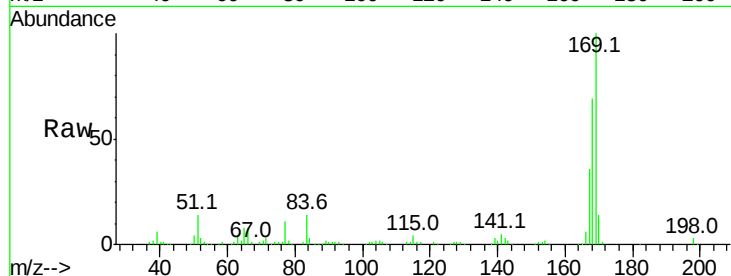
Tot Ion:169 Resp: 316383

Ion Ratio Lower Upper

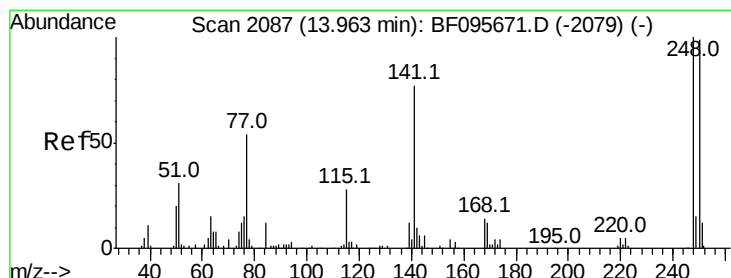
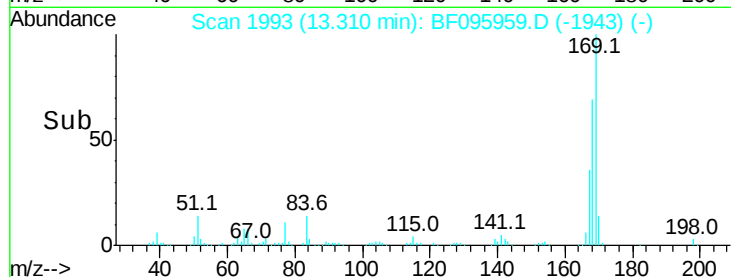
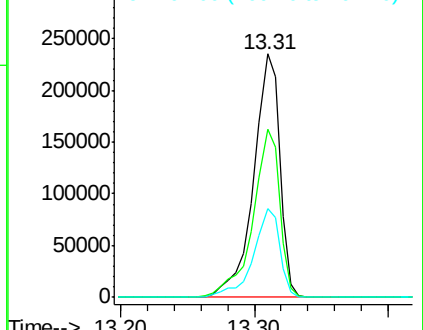
169 100

168 69.0 53.2 79.8

167 36.5 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: 50.12 ng

RT: 13.87 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

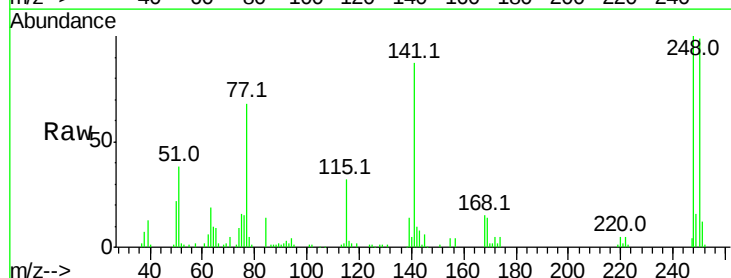
Tgt Ion:248 Resp: 92409

Ion Ratio Lower Upper

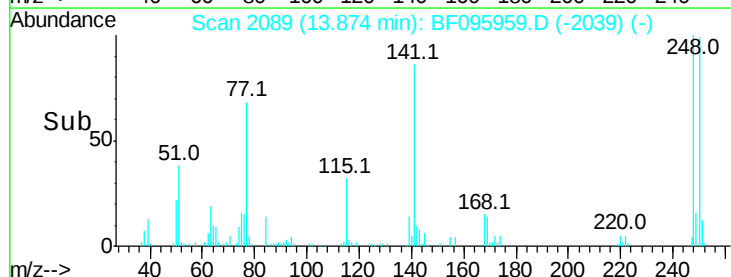
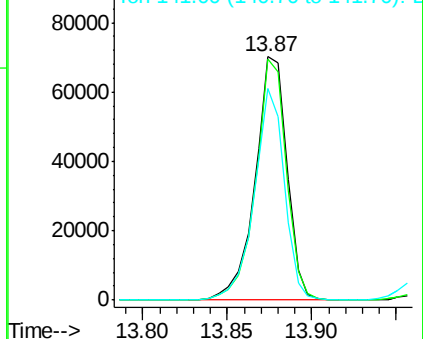
248 100

250 98.9 76.8 115.2

141 86.9 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: 47.69 ng

RT: 13.96 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

ClientSampled :

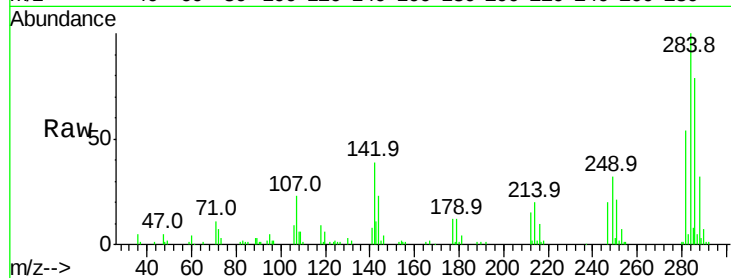
Tot Ion:284 Resp: 86644

Ion Ratio Lower Upper

284 100

142 39.1 22.8 34.2#

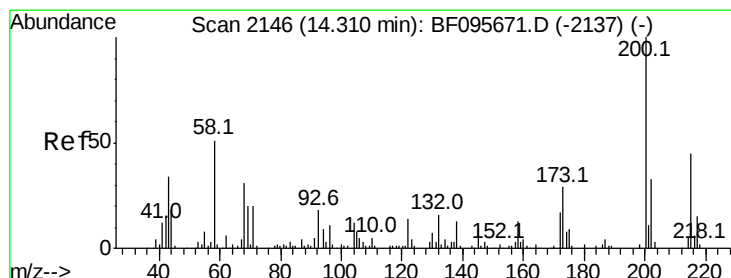
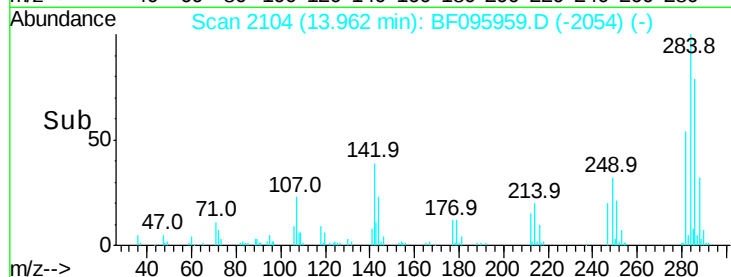
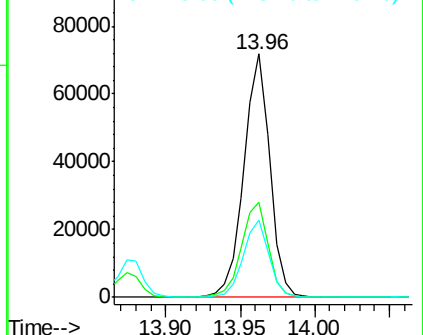
249 31.7 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 51.95 ng

RT: 14.24 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

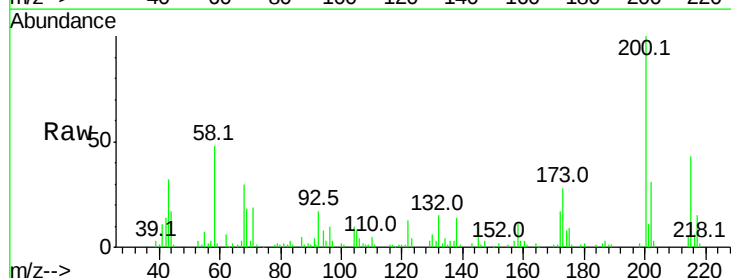
Tgt Ion:200 Resp: 92167

Ion Ratio Lower Upper

200 100

173 27.9 6.3 46.3

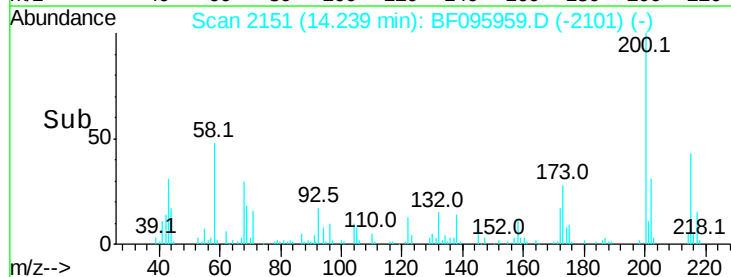
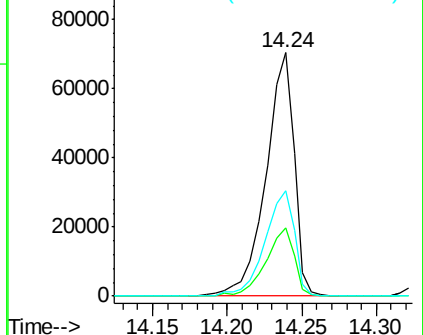
215 43.2 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

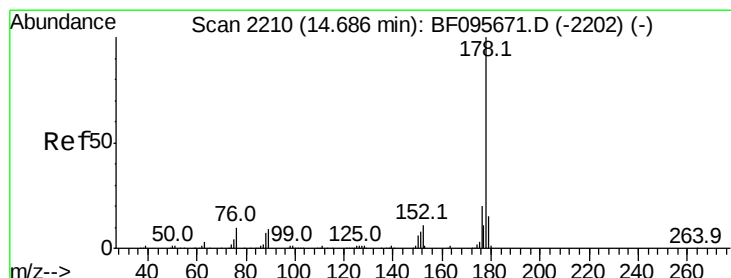
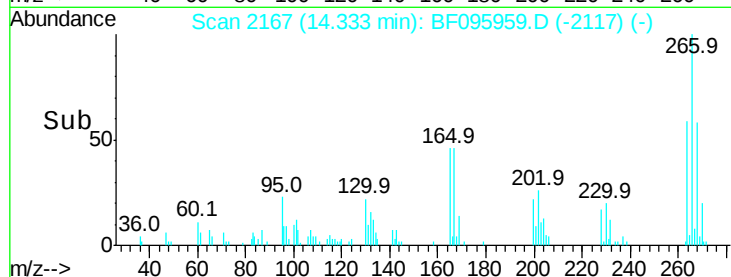
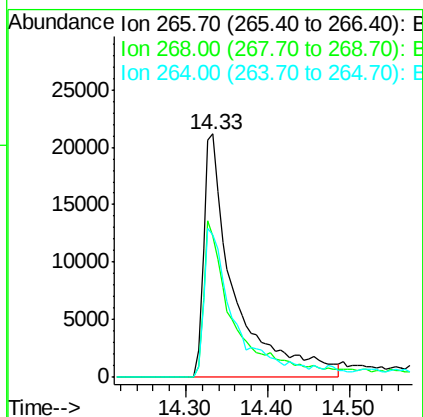
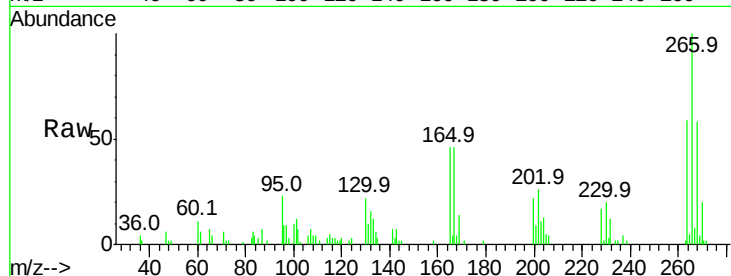




#69
 Pentachlorophenol
 Concen: 80.13 ng
 RT: 14.33 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

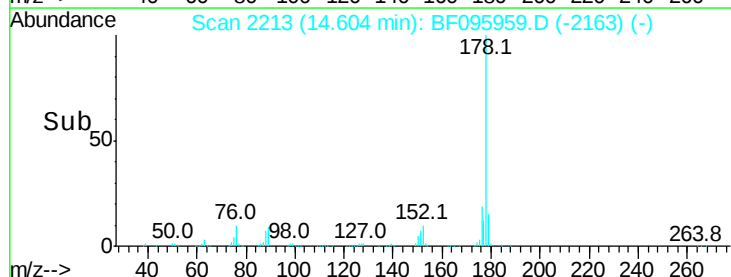
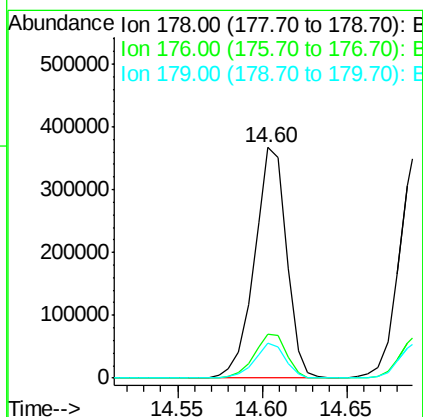
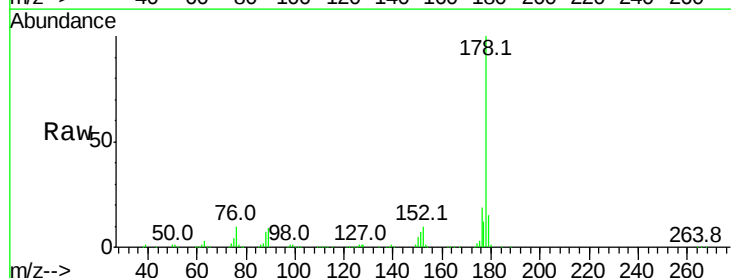
Instrument :
 BNA_F
 ClientSampleId :

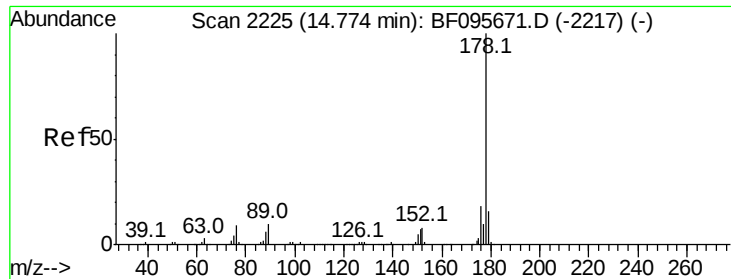
Tot Ion:266 Resp: 55203
 Ion Ratio Lower Upper
 266 100
 268 58.1 51.1 76.7
 264 58.7 51.7 77.5



#70
 Phenanthrene
 Concen: 47.51 ng
 RT: 14.60 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion:178 Resp: 486303
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 15.1 12.6 19.0

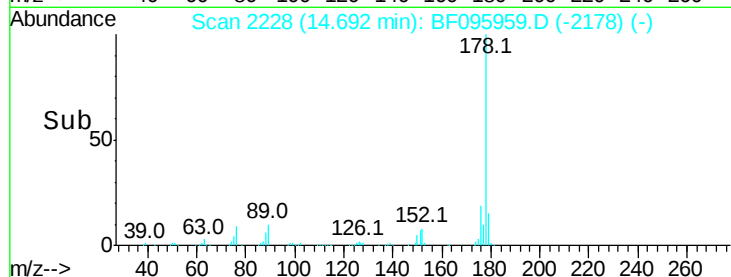
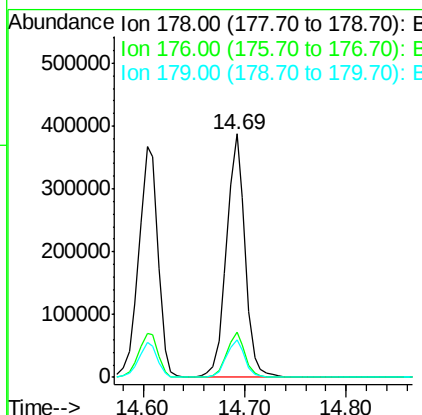
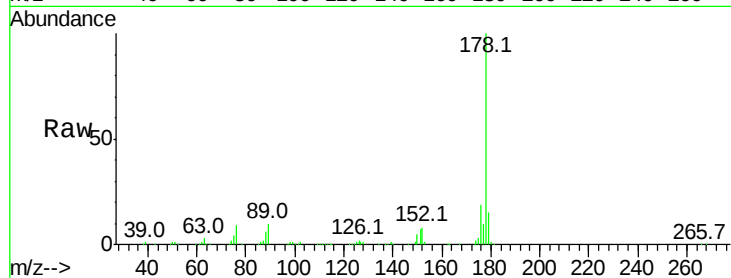




#71
 Anthracene
 Concen: 46.14 ng
 RT: 14.69 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

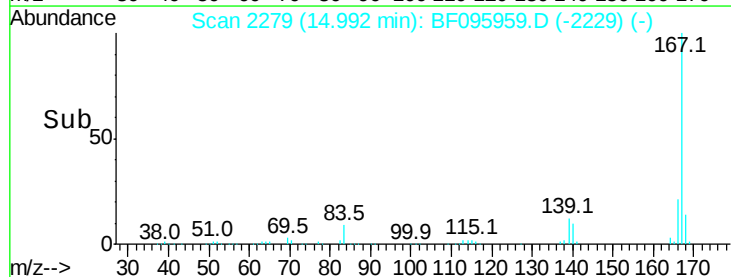
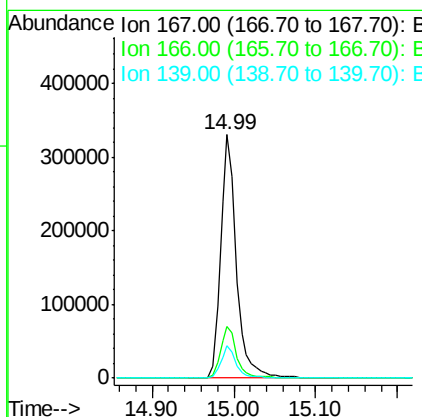
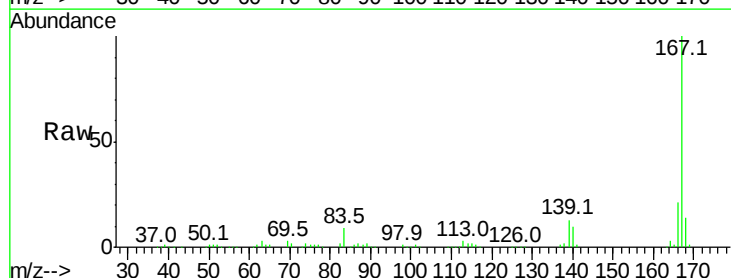
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 493077
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 42.47 ng
 RT: 14.99 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion:167 Resp: 442274
 Ion Ratio Lower Upper
 167 100
 166 21.0 18.1 27.1
 139 13.2 11.7 17.5

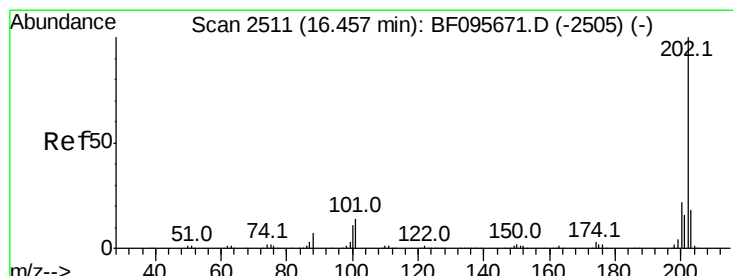
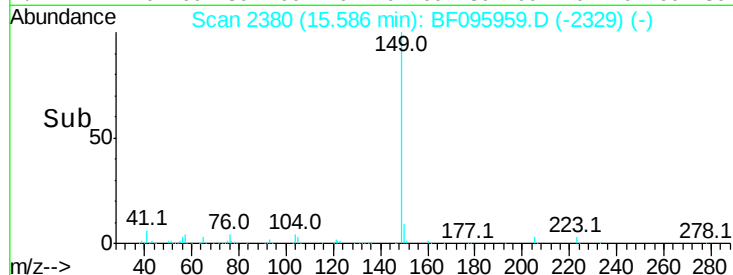
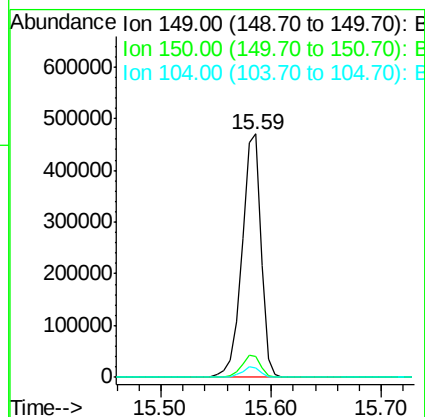
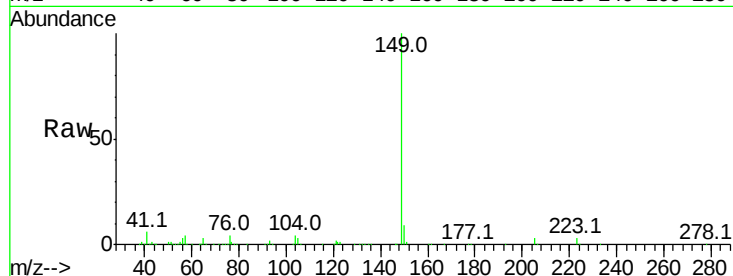




#73
Di-n-butylphthalate
Concen: 51.50 ng
RT: 15.59 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

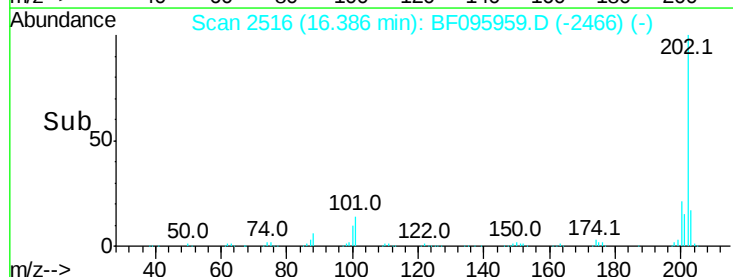
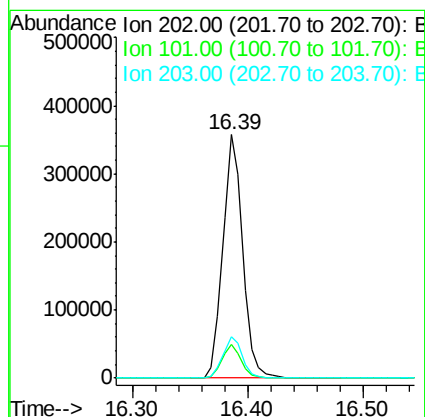
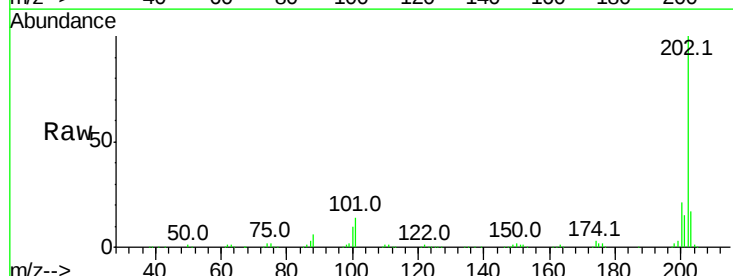
Instrument :
BNA_F
ClientSampleId :

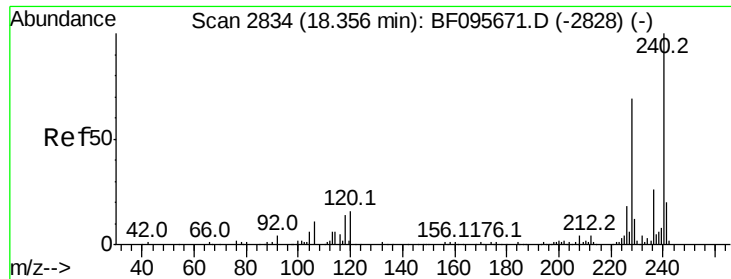
Tot Ion:149 Resp: 570622
Ion Ratio Lower Upper
149 100
150 8.7 7.7 11.5
104 4.1 4.0 6.0



#74
Fluoranthene
Concen: 41.91 ng
RT: 16.39 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion:202 Resp: 424543
Ion Ratio Lower Upper
202 100
101 13.6 0.0 33.2
203 17.1 0.0 38.1

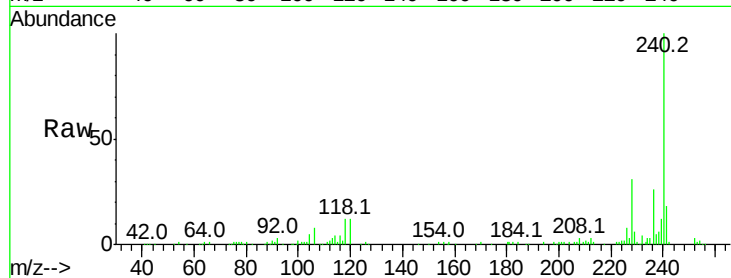




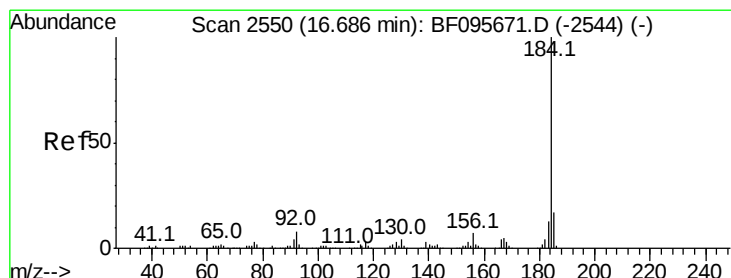
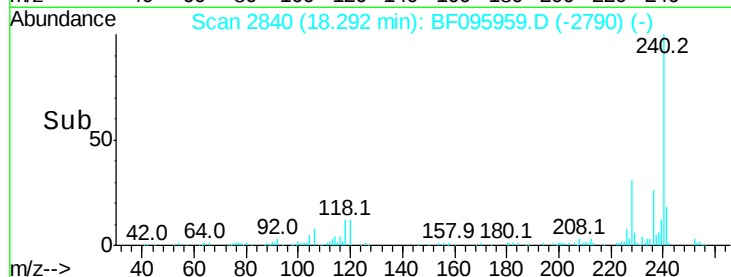
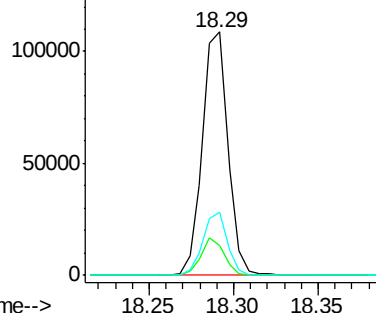
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 114428
Ion Ratio Lower Upper
240 100
120 12.4 5.8 8.8#
236 25.9 20.5 30.7

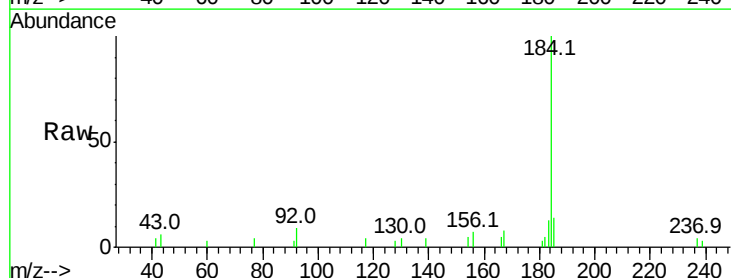


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

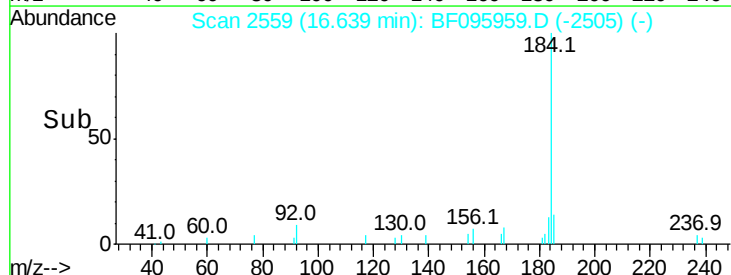
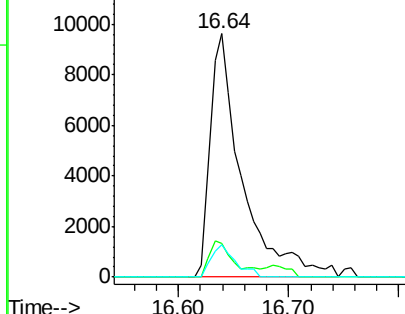


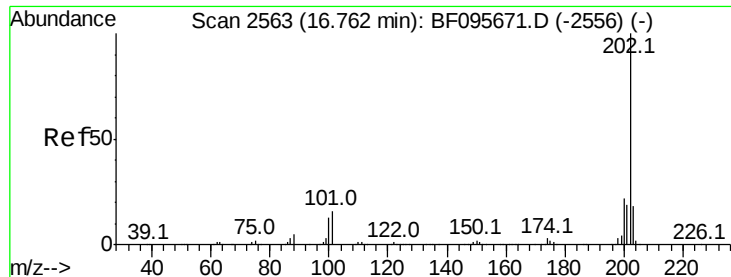
#76
Benzidine
Concen: 4.32 ng
RT: 16.64 min Scan# 2559
Delta R.T. 0.02 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion:184 Resp: 18996
Ion Ratio Lower Upper
184 100
185 13.9 15.5 23.3#
183 13.4 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

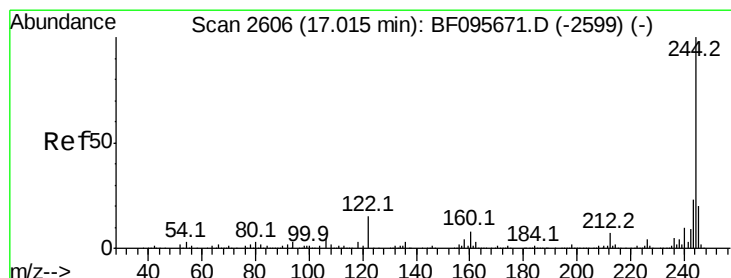
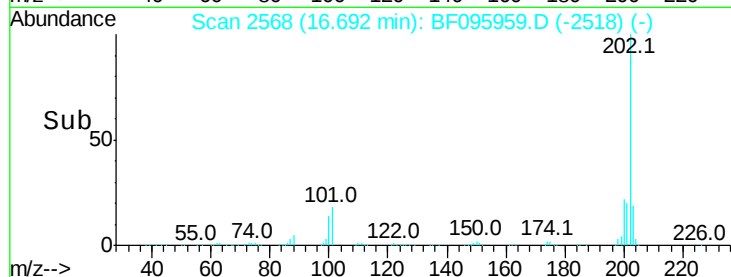
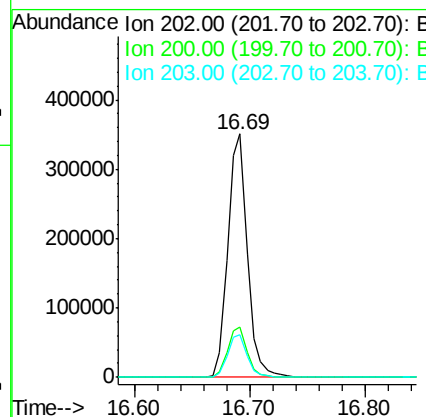
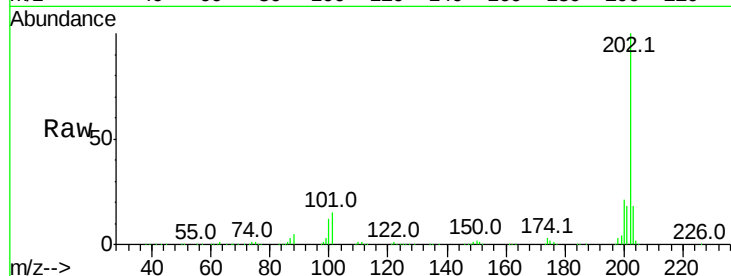




#77
Pvrene
Concen: 48.06 ng
RT: 16.69 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

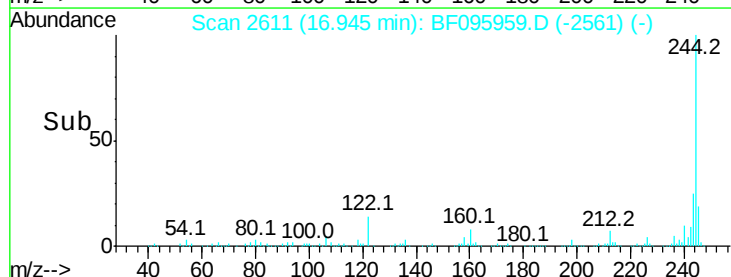
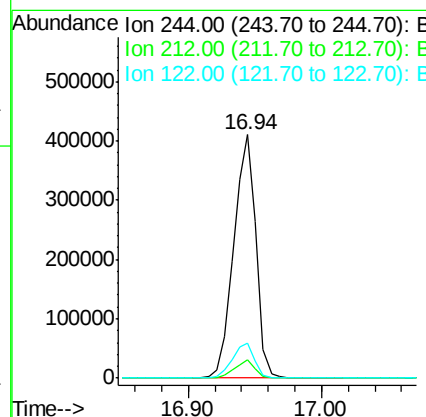
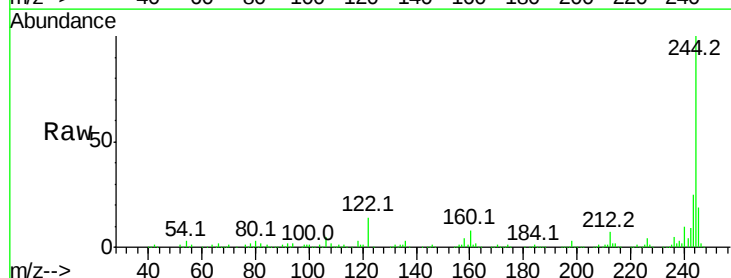
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 410368
Ion Ratio Lower Upper
202 100
200 20.9 17.6 26.4
203 17.7 14.4 21.6



#78
Terphenyl-d14
Concen: 103.95 ng
RT: 16.94 min Scan# 2611
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion:244 Resp: 479313
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 14.3 10.3 15.5

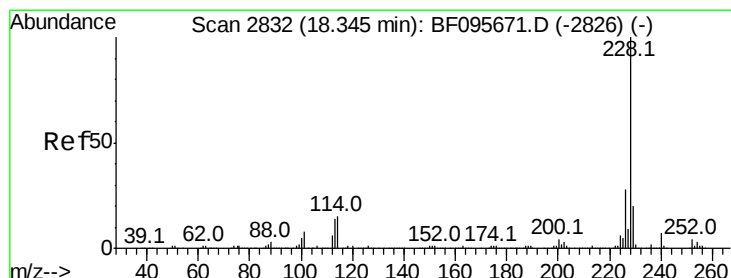
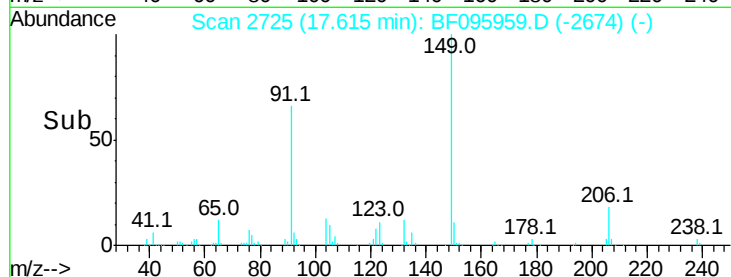
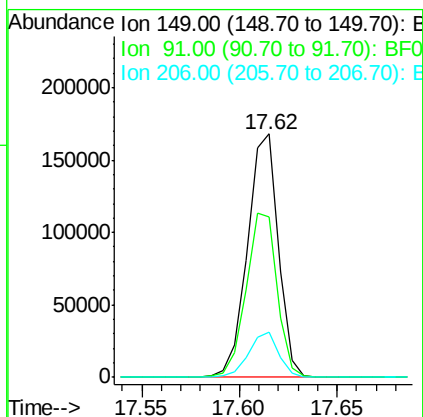
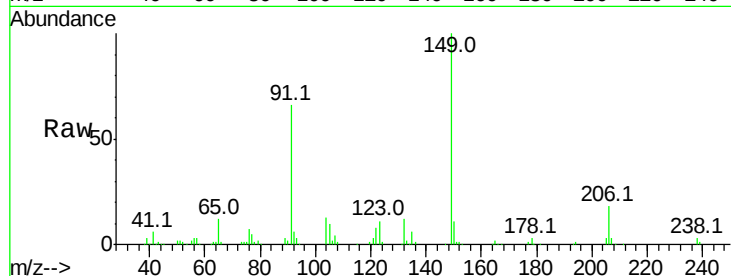




#79
Butylbenzylphthalate
Concen: 49.38 ng
RT: 17.62 min Scan# 2725
Delta R.T. 0.00 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

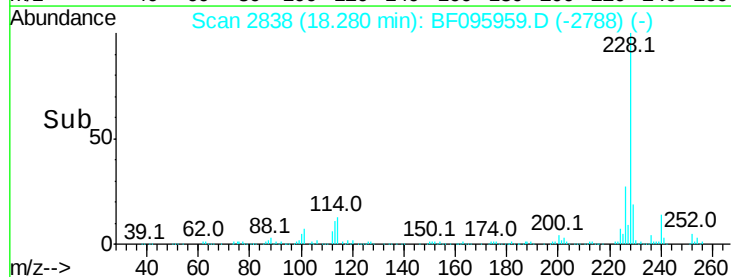
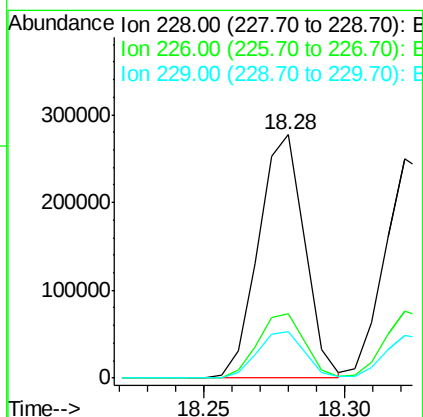
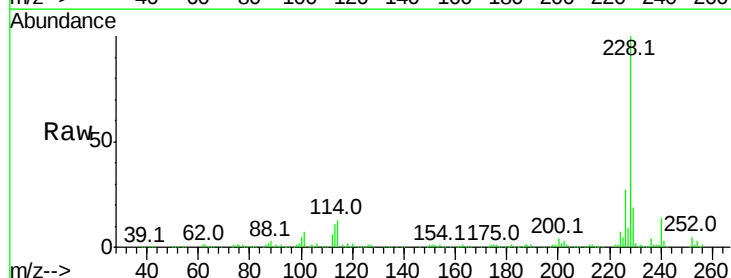
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 184125
Ion Ratio Lower Upper
149 100
91 66.1 45.0 67.4
206 18.5 17.0 25.6



#80
Benzo(a)anthracene
Concen: 47.13 ng
RT: 18.28 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion:228 Resp: 313567
Ion Ratio Lower Upper
228 100
226 26.6 22.6 33.8
229 19.3 16.3 24.5

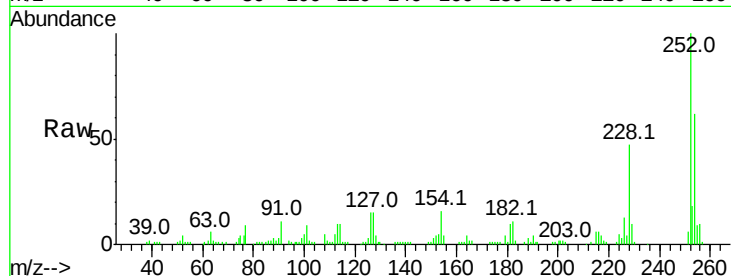




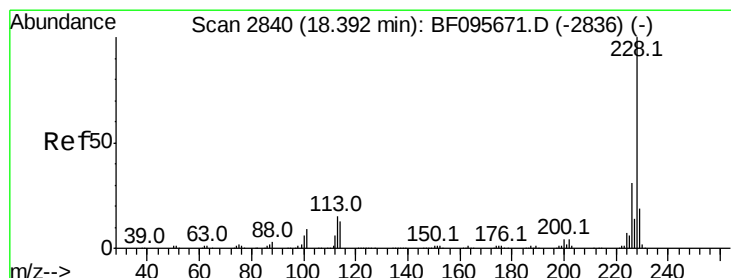
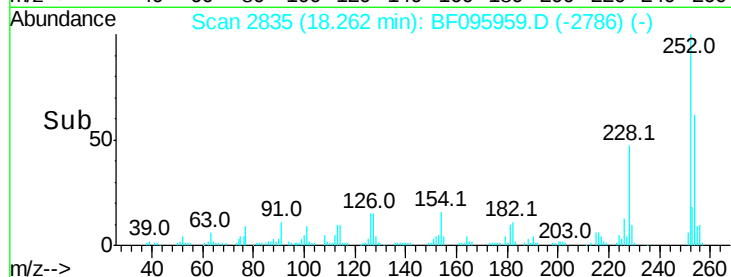
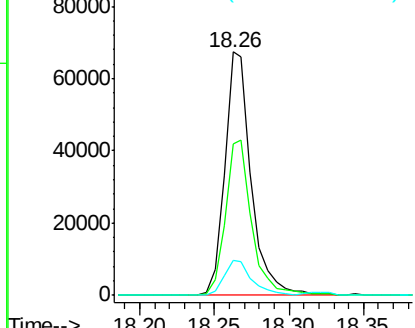
#81
 3,3'-Dichlorobenzidine
 Concen: 35.61 ng
 RT: 18.26 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 84221
 Ion Ratio Lower Upper
 252 100
 254 62.3 51.5 77.3
 126 14.6 15.8 23.8#

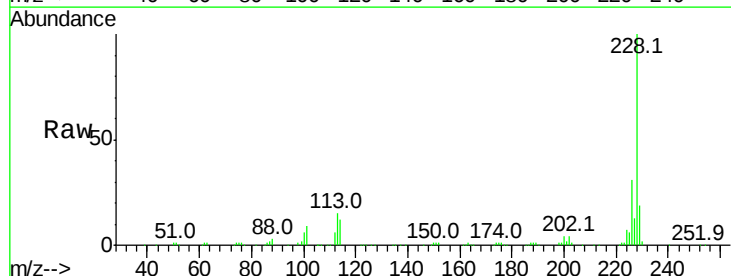


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

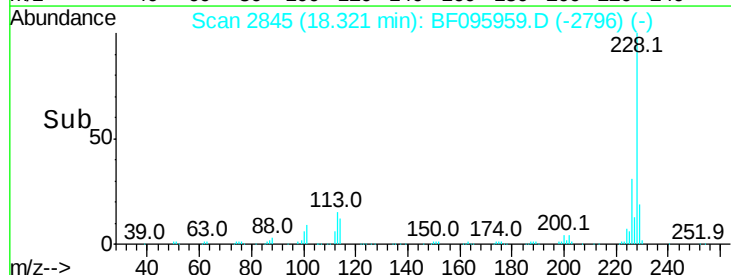
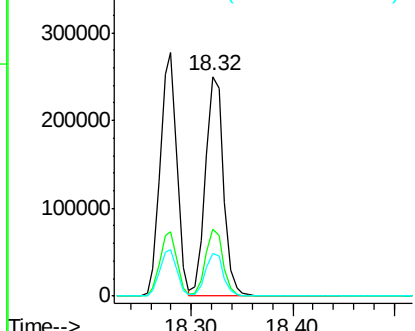


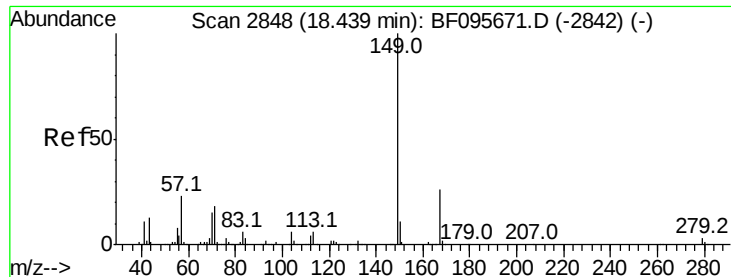
#82
 Chrysene
 Concen: 46.74 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion:228 Resp: 310774
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 19.2 15.8 23.6



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

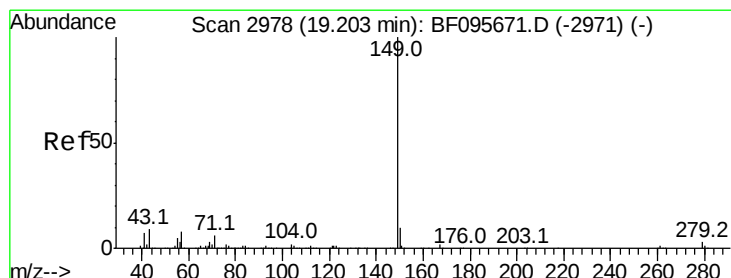
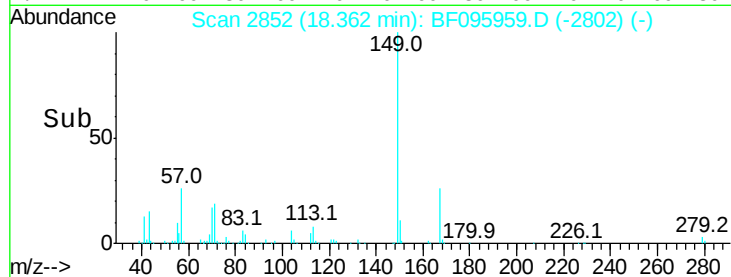
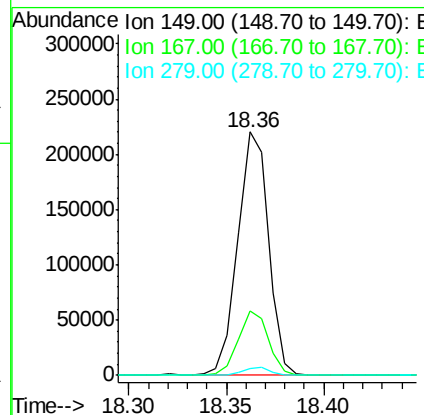
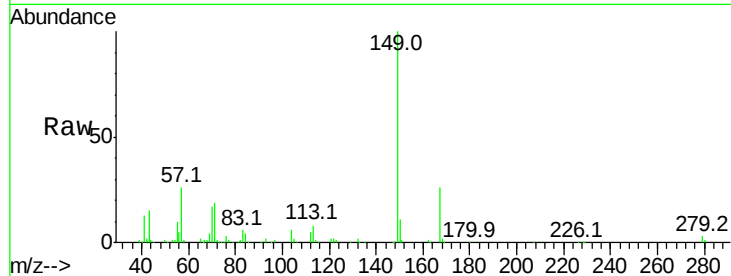




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.91 ng
 RT: 18.36 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

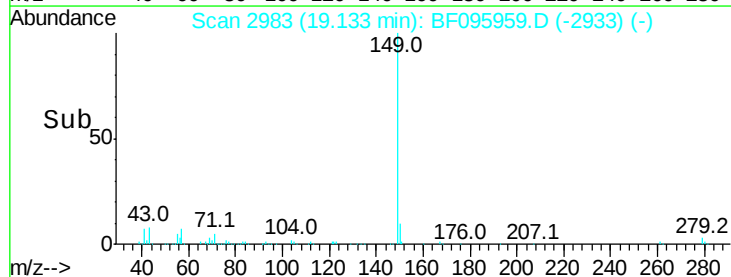
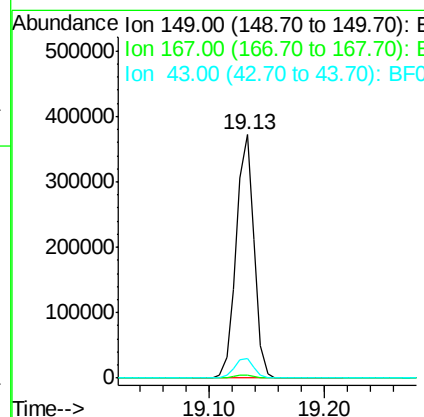
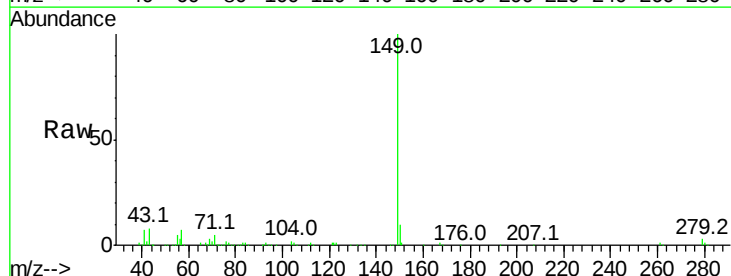
Instrument :
 BNA_F
 ClientSampleId :

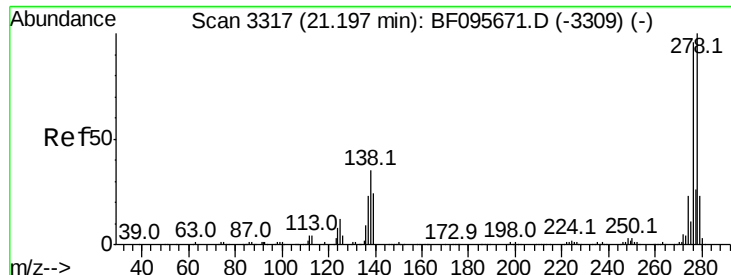
Tot Ion:149 Resp: 241488
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 45.79 ng
 RT: 19.13 min Scan# 2983
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion:149 Resp: 396879
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.6 8.5 12.7

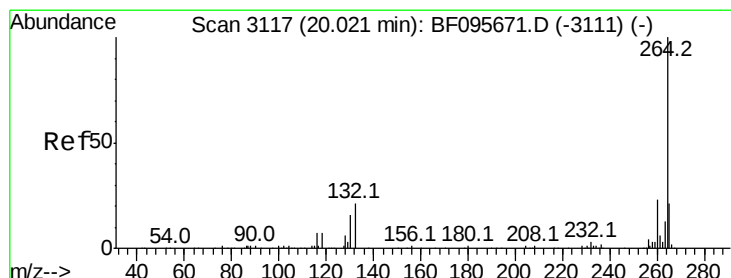
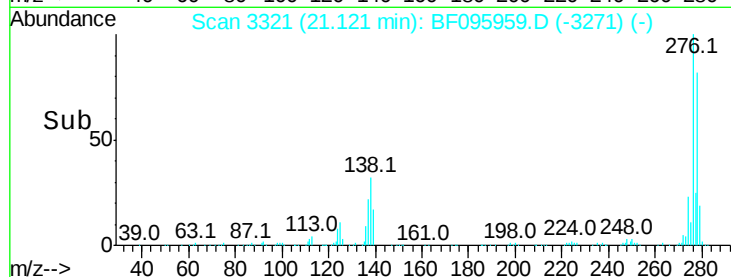
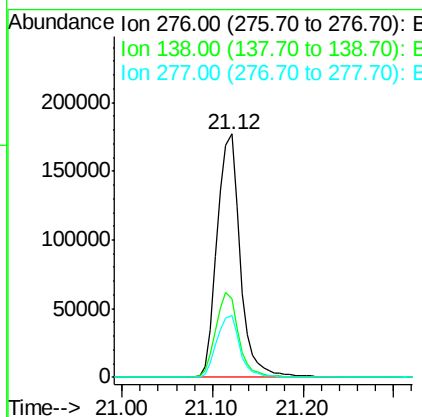
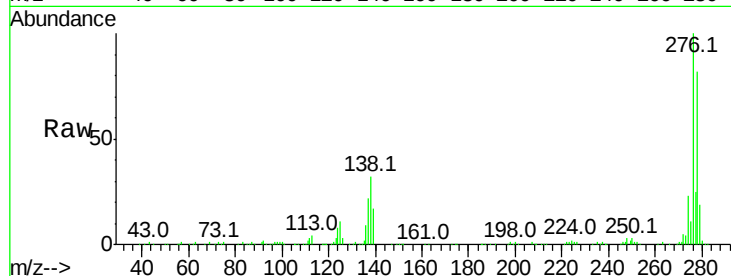




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.01 ng
 RT: 21.12 min Scan# 3321
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

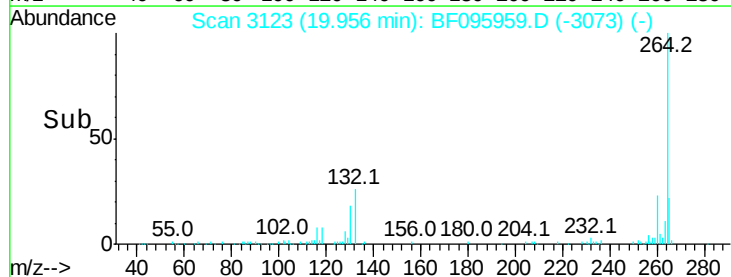
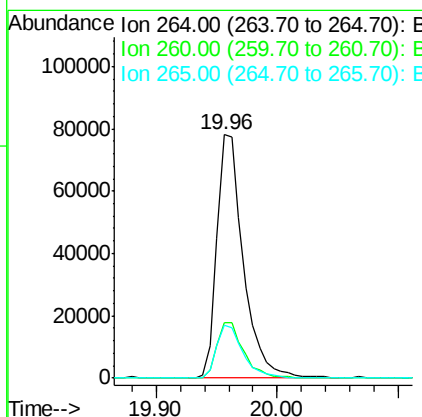
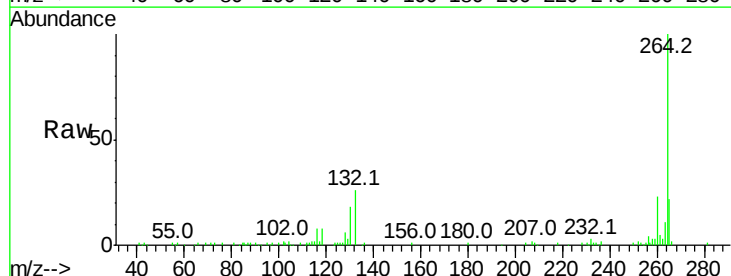
Instrument :
 BNA_F
 ClientSampleId :

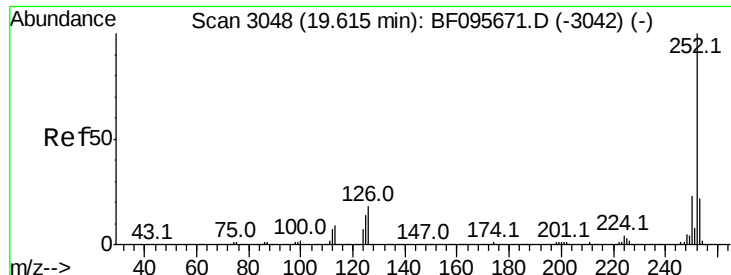
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	27.8	41.6
277	25.6	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.67 ng

RT: 19.55 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BF095959.D

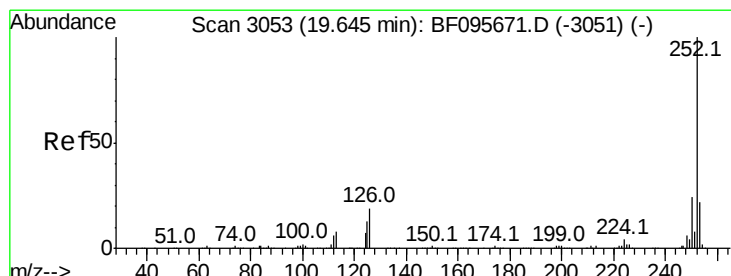
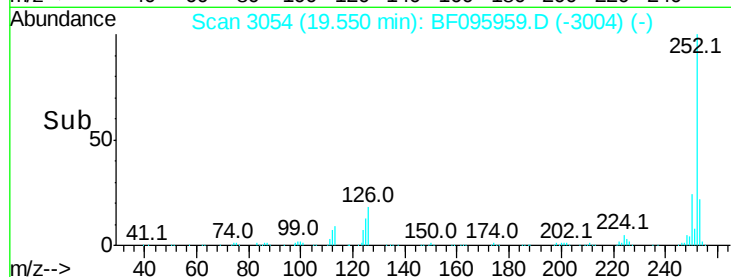
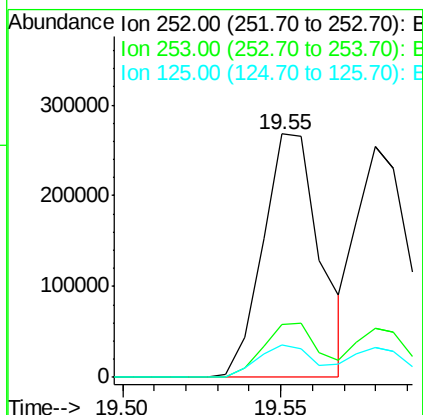
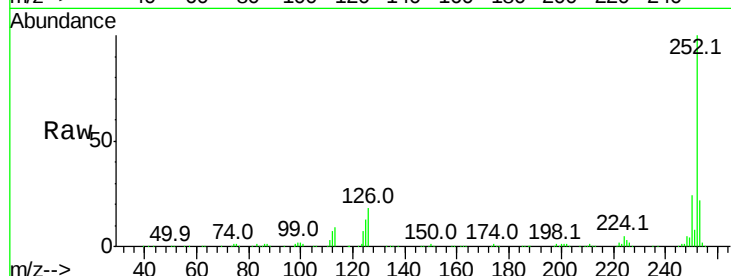
Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	336987
Ion Ratio	Lower	Upper
252	100	
253	21.8	18.1 27.1
125	13.2	9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 47.78 ng

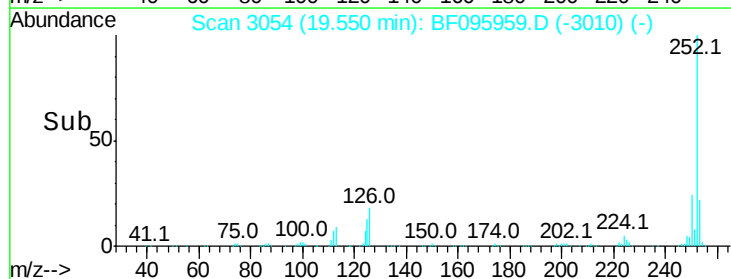
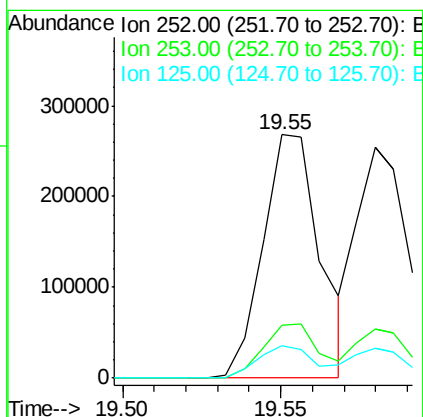
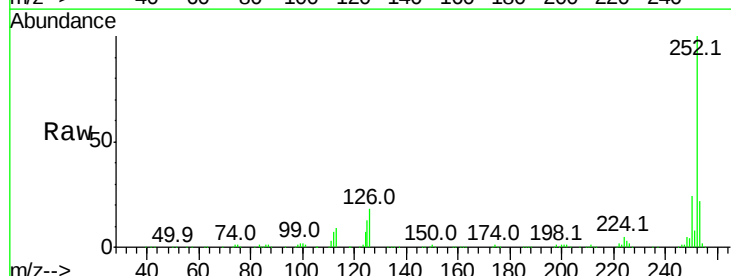
RT: 19.55 min Scan# 3054

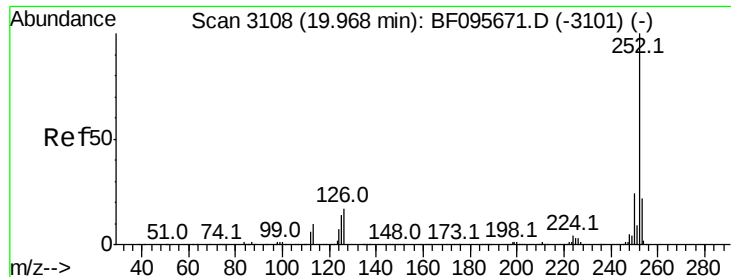
Delta R.T. -0.04 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Tgt Ion:252	Resp:	336987
Ion Ratio	Lower	Upper
252	100	
253	21.8	18.4 27.6
125	13.2	13.1 19.7

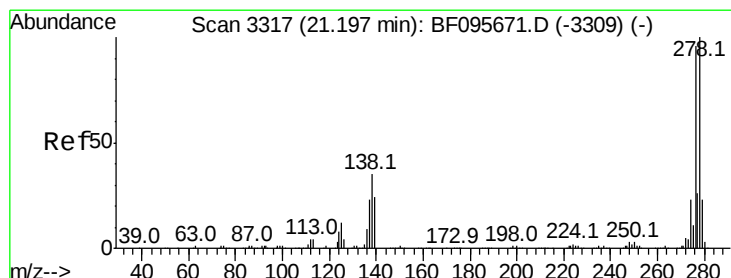
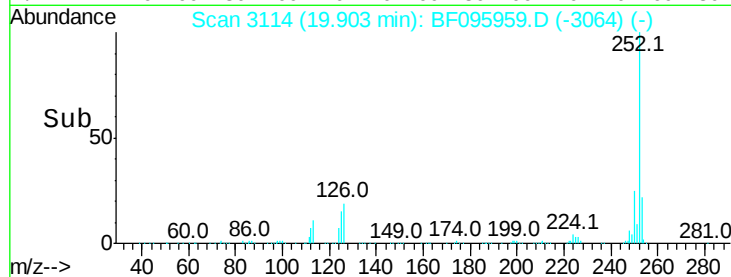
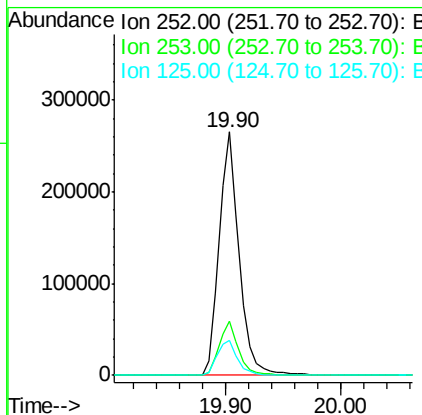
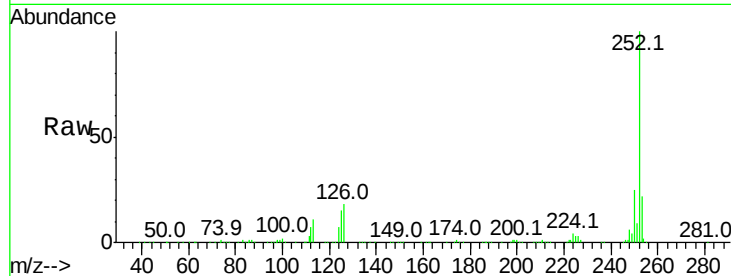




#89
Benzo(a)pyrene
Concen: 46.84 ng
RT: 19.90 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

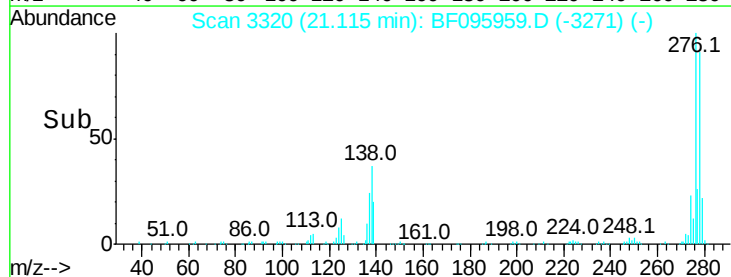
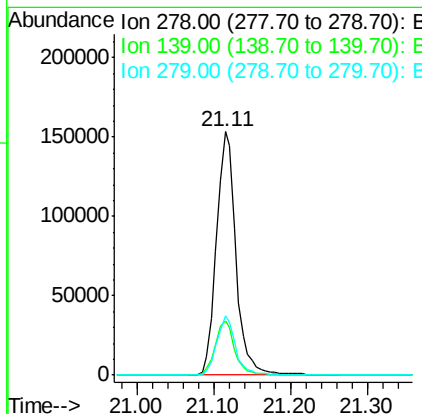
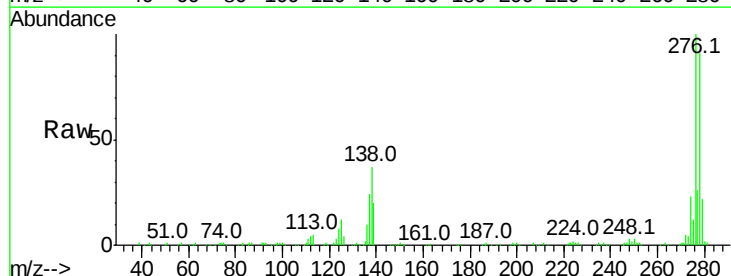
Instrument :
BNA_F
ClientSampleId :

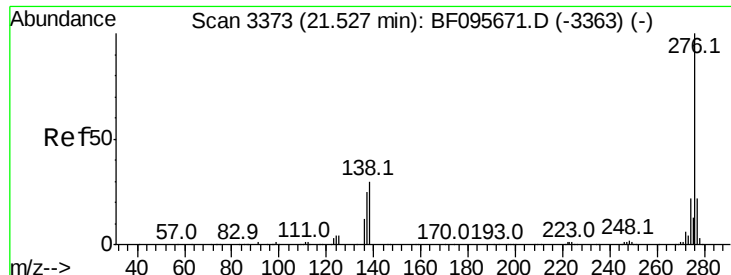
Tot Ion:252 Resp: 317686
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 14.6 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 46.50 ng
RT: 21.11 min Scan# 3320
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion:278 Resp: 267539
Ion Ratio Lower Upper
278 100
139 22.3 16.6 24.8
279 24.5 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 43.58 ng

RT: 21.44 min Scan# 3376

Delta R.T. 0.00 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

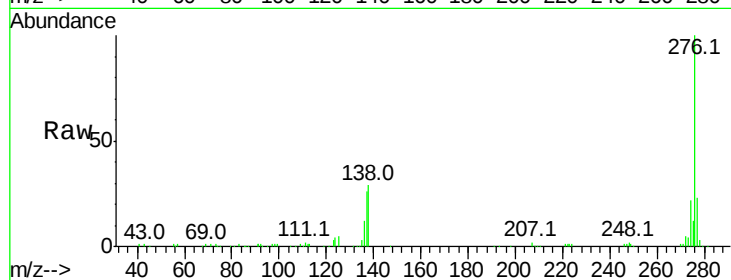
Tot Ion: 276 Resp: 255638

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 28.6 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

