

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095965.D
 Acq On : 16 Jun 2017 20:17
 Operator : SJ/MA
 Sample : I3676-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 16 23:05:37 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	64547	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	267464	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	120474	20.00	ng	0.00
63) Phenanthrene-d10	14.57	188	199108	20.00	ng	0.00
75) Chrysene-d12	18.29	240	128555	20.00	ng	0.00
86) Perylene-d12	19.96	264	133659	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	656014	161.95	ng	0.01
7) Phenol-d6	6.91	99	768360	158.44	ng	0.00
23) Nitrobenzene-d5	8.25	82	456886	106.09	ng	0.00
41) 2,4,6-Tribromophenol	13.48	330	153601	144.10	ng	0.00
44) 2-Fluorobiphenyl	11.14	172	815270	94.17	ng	0.00
78) Terphenyl-d14	16.94	244	550012	106.18	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.70	88	81401	42.24	ng	93
3) Pyridine	2.23	79	202279	44.66	ng	97
4) n-Nitrosodimethylamine	2.21	42	89479	51.97	ng	86
6) Aniline	6.82	93	272869	43.01	ng	96
8) 2-Chlorophenol	7.02	128	235964	54.79	ng	96
9) Benzaldehyde	6.64	77	68939	21.07	ng	99
10) Phenol	6.93	94	301029	59.84	ng	88
11) bis(2-Chloroethyl)ether	6.97	93	214404	53.80	ng	97
12) 1,3-Dichlorobenzene	7.22	146	246408	50.54	ng	98
13) 1,4-Dichlorobenzene	7.35	146	249716	50.51	ng	96
14) 1,2-Dichlorobenzene	7.58	146	234027	51.35	ng	96
15) Benzyl Alcohol	7.64	79	189816	57.03	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.82	45	290823	51.94	ng	95
17) 2-Methylphenol	7.87	107	196380	54.33	ng	97
18) Hexachloroethane	8.10	117	83228	50.97	ng	# 85
19) n-Nitroso-di-n-propylamine	8.07	70	163913	53.34	ng	92
20) 3+4-Methylphenols	8.13	107	251998	54.92	ng	# 59
22) Acetophenone	8.02	105	328498	52.47	ng	# 82
24) Nitrobenzene	8.27	77	232839	50.61	ng	94
25) Isophorone	8.68	82	410615	51.06	ng	96
26) 2-Nitrophenol	8.79	139	130005	53.97	ng	98
27) 2,4-Dimethylphenol	8.95	122	202553	54.18	ng	97
28) bis(2-Chloroethoxy)methane	9.06	93	267521	50.47	ng	98
29) 2,4-Dichlorophenol	9.22	162	195678	54.35	ng	97
30) 1,2,4-Trichlorobenzene	9.29	180	190328	50.80	ng	100
31) Naphthalene	9.39	128	664455	49.50	ng	99
32) Benzoic acid	9.29	122	6819	7.72	ng	85
33) 4-Chloroaniline	9.55	127	202969	38.69	ng	# 94
34) Hexachlorobutadiene	9.61	225	92684	47.88	ng	98
35) Caprolactam	10.18	113	29795	27.81	ng	# 87
36) 4-Chloro-3-methylphenol	10.43	107	202501	53.73	ng	89
37) 2-Methylnaphthalene	10.52	142	452650	49.91	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.80	216	174405	48.37	ng	99
40) Hexachlorocyclopentadiene	10.77	237	45536	45.87	ng	98

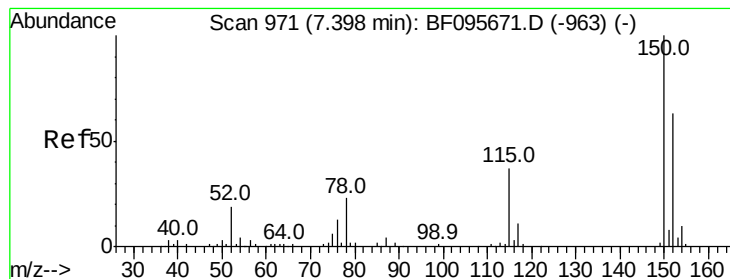
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095965.D
 Acq On : 16 Jun 2017 20:17
 Operator : SJ/MA
 Sample : I3676-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 16 23:05:37 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)
42) 2,4,6-Trichlorophenol	11.03	196	122041	52.64	nq	96
43) 2,4,5-Trichlorophenol	11.13	196	115978	47.03	nq	95
45) 1,1'-Biphenyl	11.29	154	493168	49.67	nq	98
46) 2-Chloronaphthalene	11.30	162	381547	49.18	nq	96
47) 2-Nitroaniline	11.53	65	116282	51.22	nq	# 79
48) Acenaphthylene	11.94	152	593646	44.75	nq	99
49) Dimethylphthalate	11.84	163	567854	62.08	nq	100
50) 2,6-Dinitrotoluene	11.94	165	97585	48.91	nq	# 69
51) Acenaphthene	12.23	154	355259	46.37	nq	98
52) 3-Nitroaniline	12.20	138	92643	39.85	nq	91
53) 2,4-Dinitrophenol	12.46	184	18926	21.87	nq	# 64
54) Dibenzofuran	12.52	168	550417	51.04	nq	99
55) 4-Nitrophenol	12.63	139	124206	90.85	nq	# 71
56) 2,4-Dinitrotoluene	12.61	165	139029	51.59	nq	# 90
57) Fluorene	13.07	166	430485	45.87	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.77	232	96435	57.16	nq	# 91
59) Diethylphthalate	12.99	149	437907	49.74	nq	100
60) 4-Chlorophenyl-phenylether	13.10	204	192037	47.06	nq	88
61) 4-Nitroaniline	13.22	138	101295	46.67	nq	96
62) Azobenzene	13.36	77	401250	50.29	nq	93
64) 4,6-Dinitro-2-methylphenol	13.29	198	47089	35.98	nq	76
65) n-Nitrosodiphenylamine	13.32	169	374982	52.41	nq	99
66) 4-Bromophenyl-phenylether	13.87	248	108186	52.28	nq	99
67) Hexachlorobenzene	13.96	284	103971	50.99	nq	# 90
68) Atrazine	14.24	200	109970	55.23	nq	98
69) Pentachlorophenol	14.33	266	61059	79.06	nq	96
70) Phenanthrene	14.61	178	569641	49.58	nq	99
71) Anthracene	14.69	178	582747	48.59	nq	97
72) Carbazole	14.99	167	537182	45.96	nq	98
73) Di-n-butylphthalate	15.59	149	653241	52.53	nq	98
74) Fluoranthene	16.39	202	498950	43.88	nq	98
76) Benzydine	16.62	184	279840	56.68	nq	# 92
77) Pyrene	16.69	202	494257	51.53	nq	99
79) Butylbenzylphthalate	17.62	149	220167	52.56	nq	89
80) Benzo(a)anthracene	18.28	228	368222	49.27	nq	98
81) 3,3'-Dichlorobenzidine	18.27	252	124565	46.88	nq	# 94
82) Chrysene	18.32	228	366128	49.02	nq	99
83) Bis(2-ethylhexyl)phthalate	18.36	149	296766	50.22	nq	100
84) Di-n-octyl phthalate	19.13	149	481158	49.41	nq	96
85) Indeno(1,2,3-cd)pyrene	21.12	276	359735	56.29	nq	100
87) Benzo(b)fluoranthene	19.56	252	390778	46.69	nq	100
88) Benzo(k)fluoranthene	19.58	252	363052	45.38	nq	95
89) Benzo(a)pyrene	19.90	252	373647	48.57	nq	98
90) Dibenzo(a,h)anthracene	21.11	278	309271	47.40	nq	98
91) Benzo(g,h,i)perylene	21.44	276	294634	44.29	nq	98

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

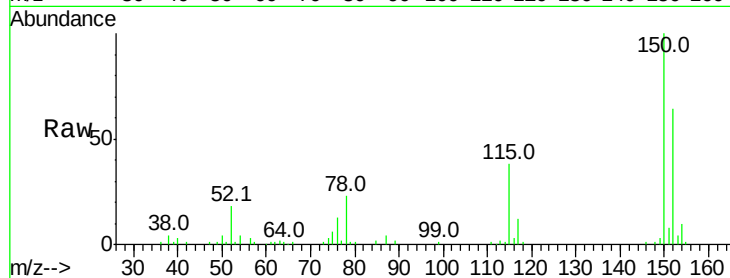


#1

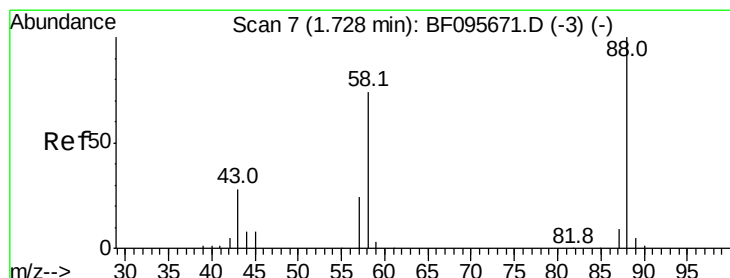
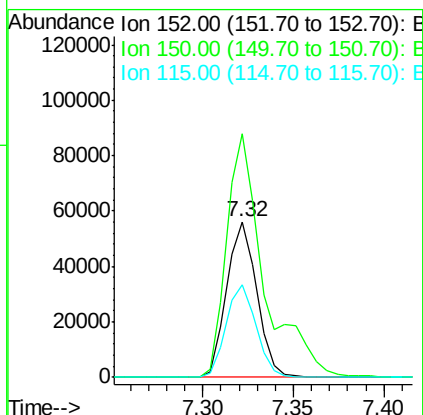
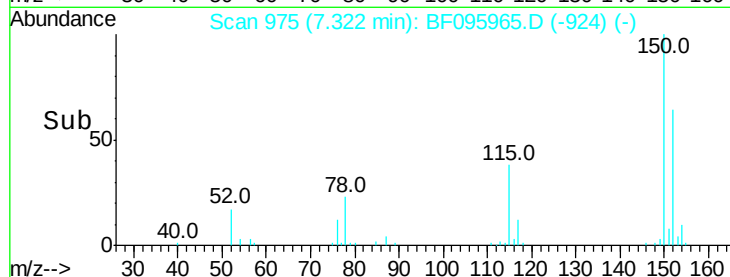
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 64547
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 59.4 52.2 78.2



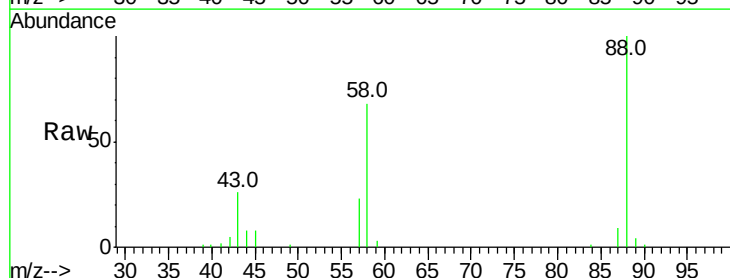
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



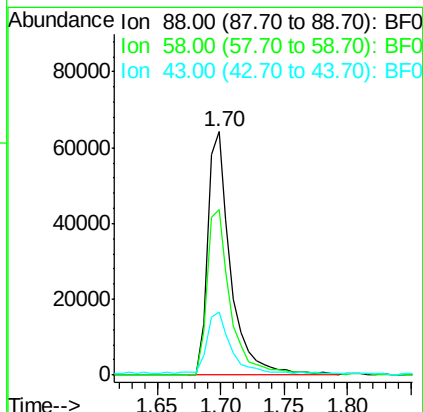
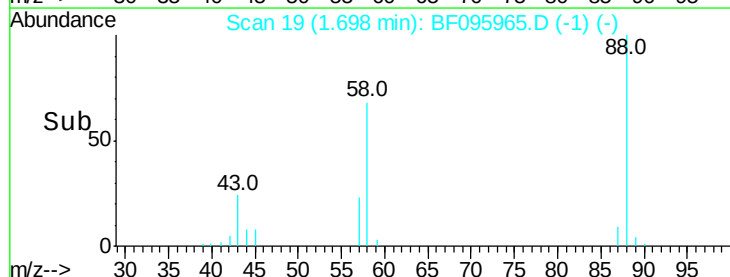
#2

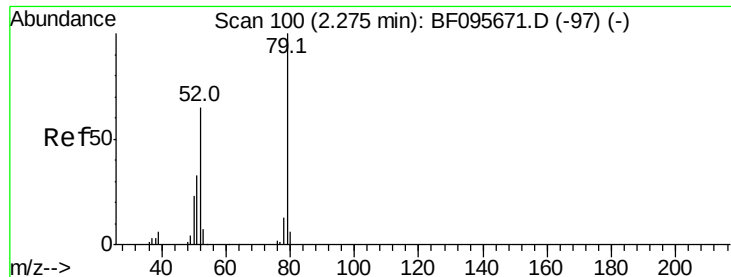
1,4-Dioxane
Concen: 42.24 ng
RT: 1.70 min Scan# 19
Delta R.T. 0.06 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion: 88 Resp: 81401
Ion Ratio Lower Upper
88 100
58 70.2 61.4 92.0
43 25.7 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: 44.66 ng

RT: 2.23 min Scan# 110

Delta R.T. 0.06 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

ClientSampleId :

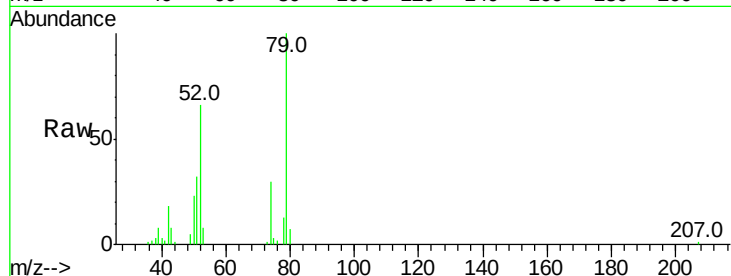
Tot Ion: 79 Resp: 202279

Ion Ratio Lower Upper

79 100

52 66.3 54.8 82.2

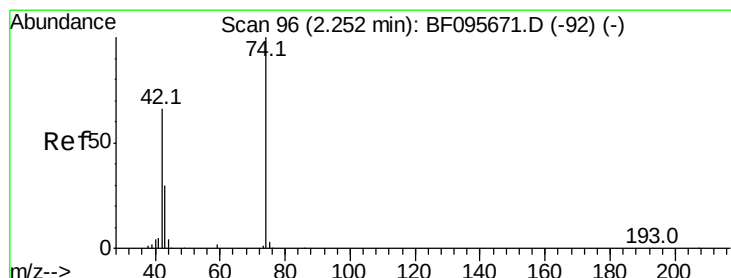
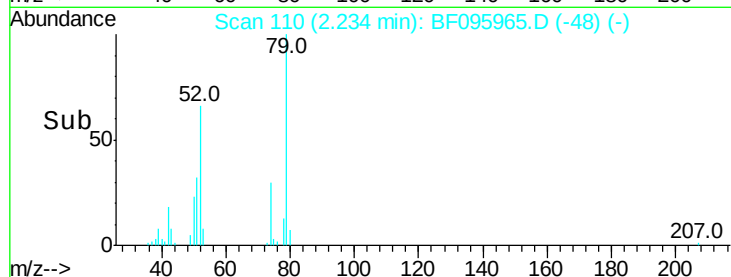
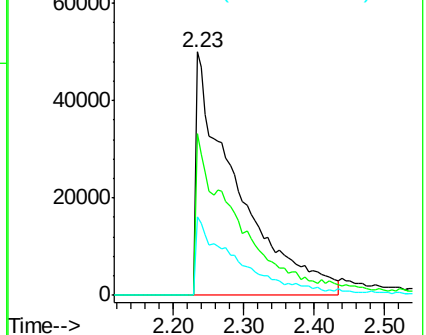
51 32.4 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 51.97 ng

RT: 2.21 min Scan# 106

Delta R.T. 0.06 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

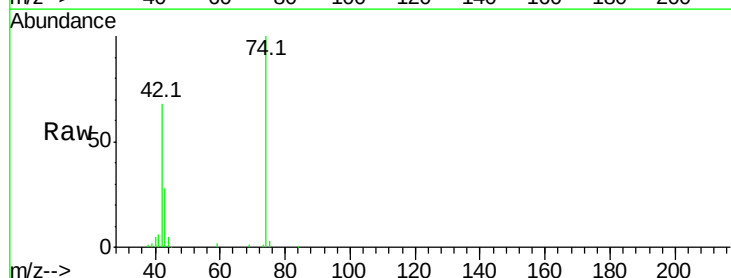
Tgt Ion: 42 Resp: 89479

Ion Ratio Lower Upper

42 100

74 146.7 103.9 155.9

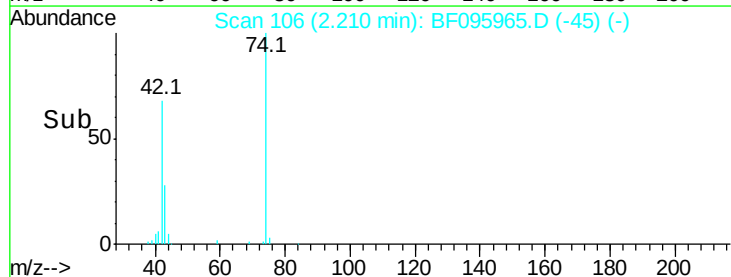
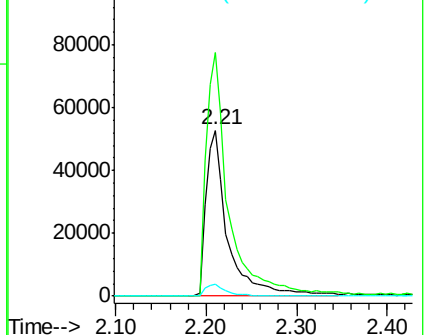
44 7.0 5.7 8.5

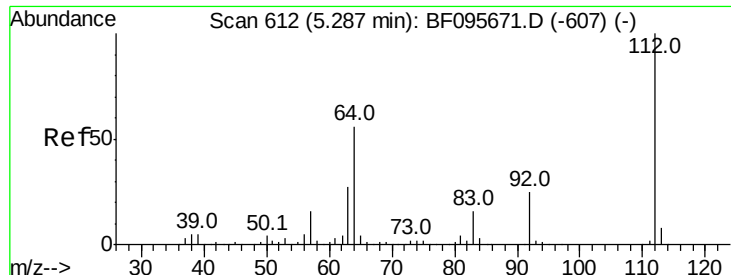


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 161.95 ng

RT: 5.23 min Scan# 619

Delta R.T. 0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

ClientSampled :

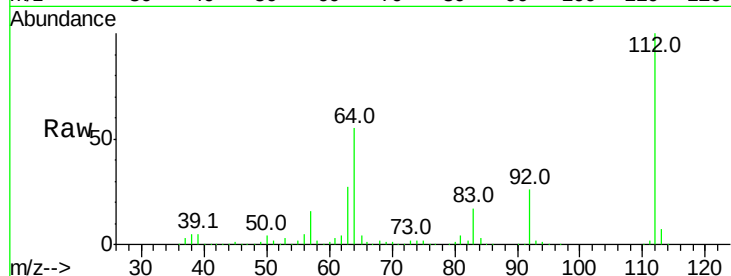
Tot Ion: 112 Resp: 656014

Ion Ratio Lower Upper

112 100

64 54.7 46.0 69.0

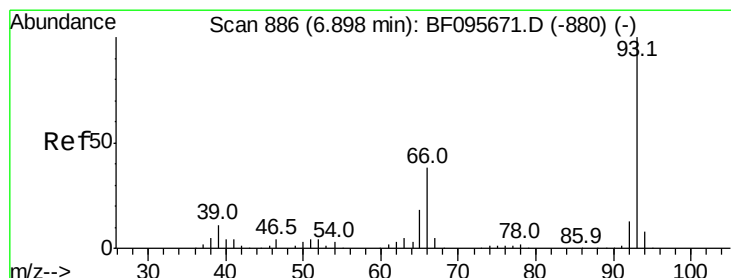
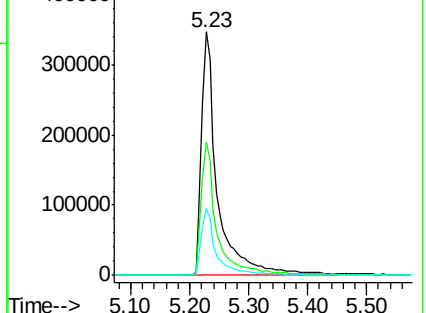
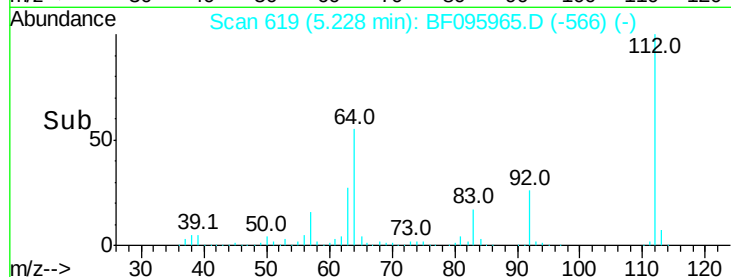
63 27.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 43.01 ng

RT: 6.82 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

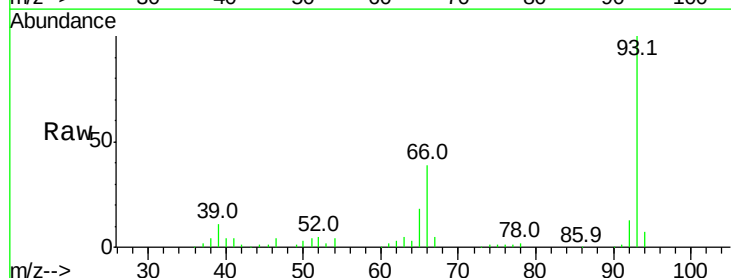
Tgt Ion: 93 Resp: 272869

Ion Ratio Lower Upper

93 100

66 39.0 32.9 49.3

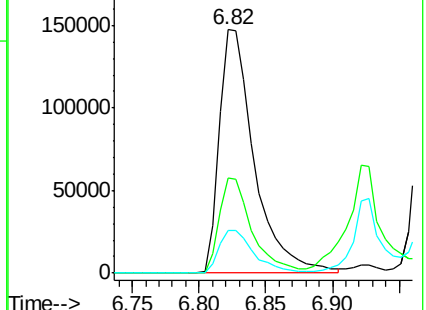
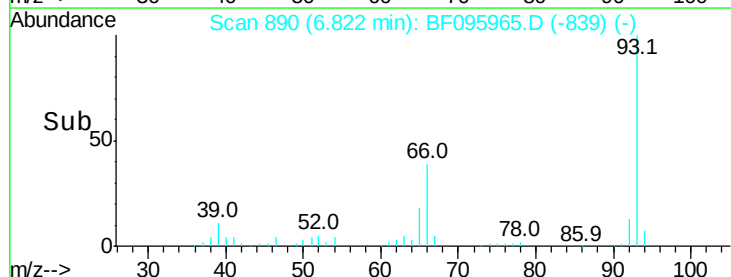
65 17.7 16.0 24.0

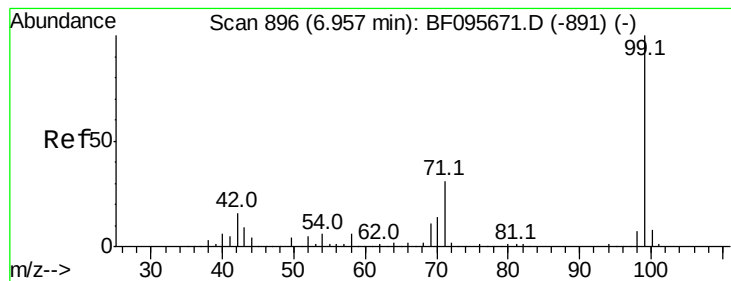


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 158.44 ng

RT: 6.91 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

ClientSampled :

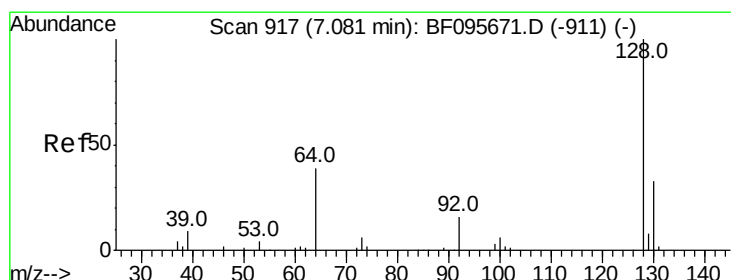
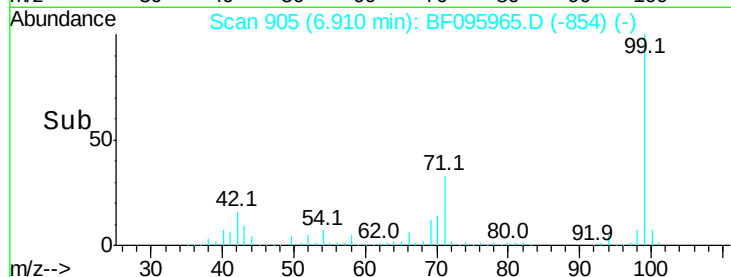
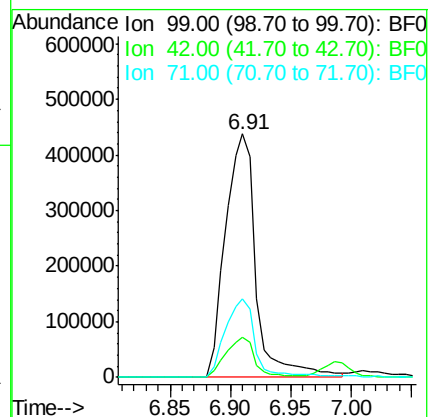
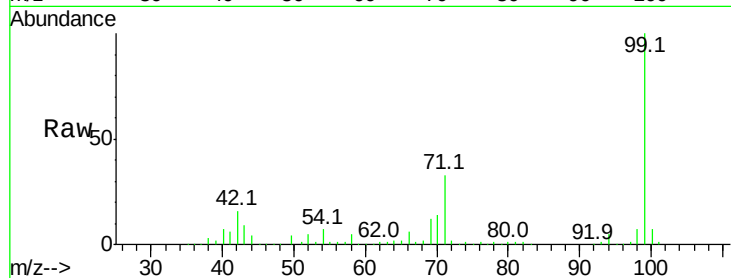
Tot Ion: 99 Resp: 768360

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

71 32.5 24.5 36.7



#8

2-Chlorophenol

Concen: 54.79 ng

RT: 7.02 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

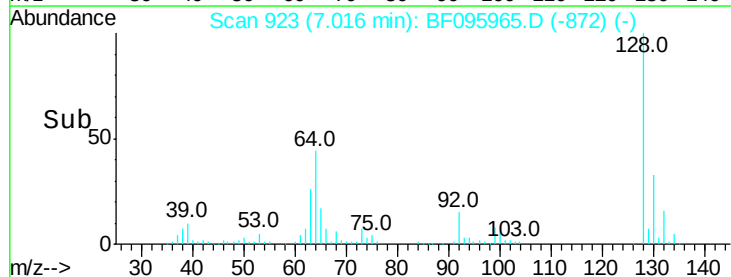
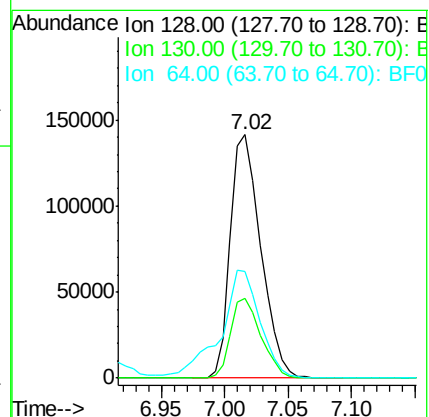
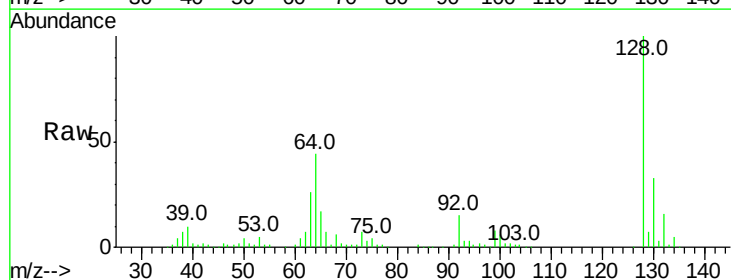
Tgt Ion:128 Resp: 235964

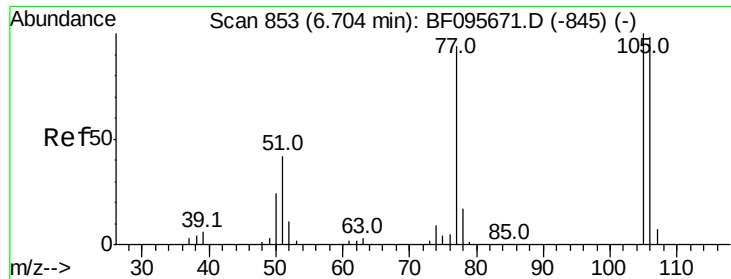
Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

64 44.0 28.4 68.4

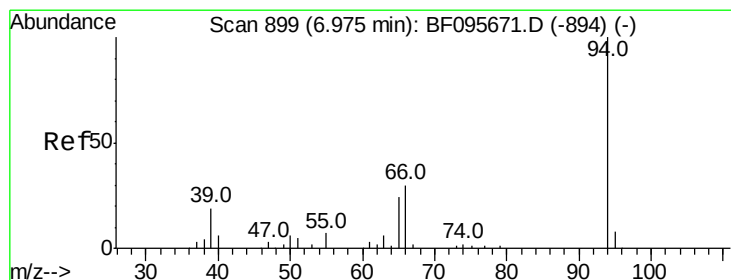
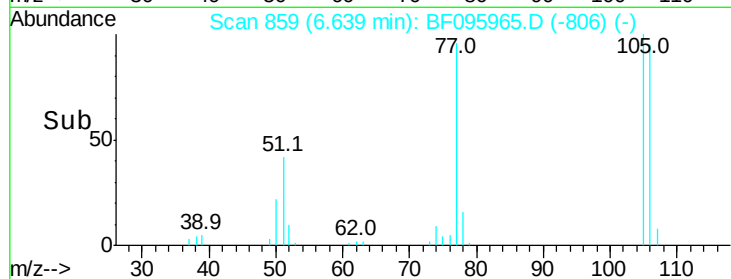
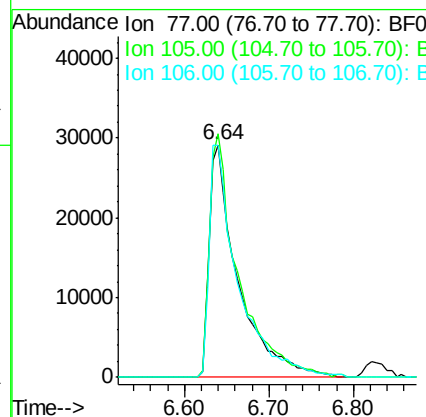
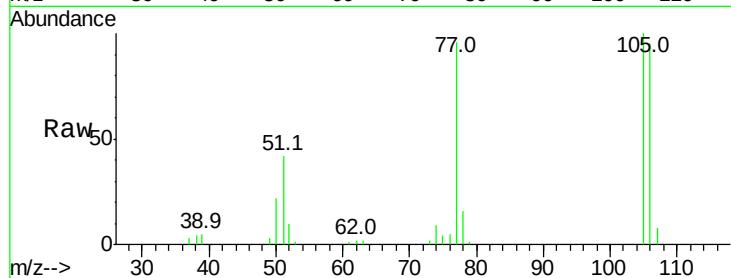




#9
Benzaldehyde
Concen: 21.07 ng
RT: 6.64 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

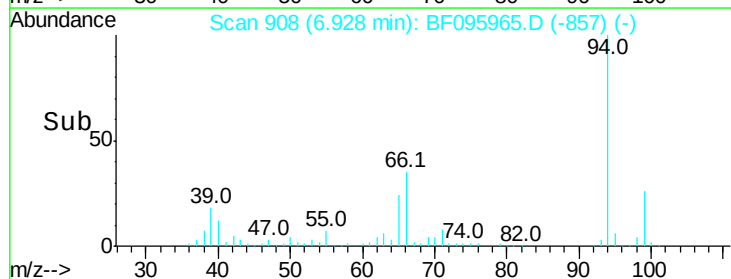
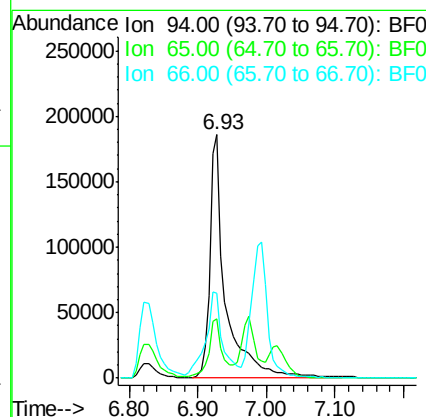
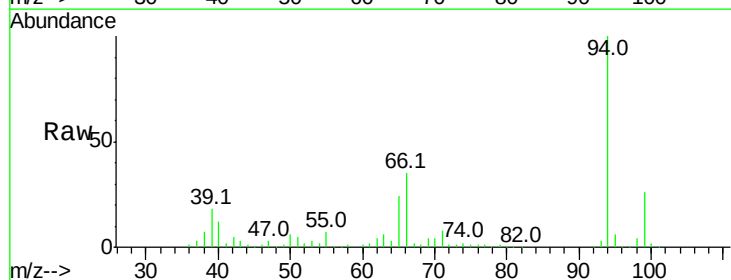
Instrument :
BNA_F
ClientSampleId :

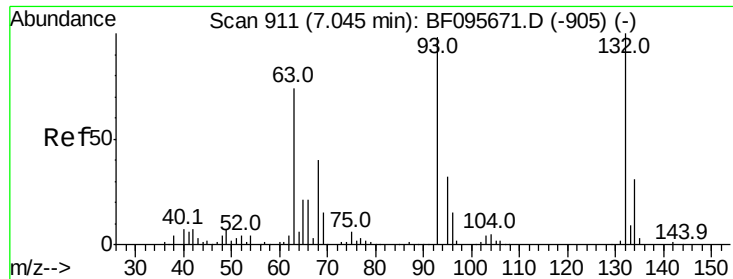
Tot Ion: 77 Resp: 68939
Ion Ratio Lower Upper
77 100
105 104.6 83.8 123.8
106 99.7 79.1 119.1



#10
Phenol
Concen: 59.84 ng
RT: 6.93 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion: 94 Resp: 301029
Ion Ratio Lower Upper
94 100
65 24.4 9.9 49.9
66 34.8 23.1 63.1

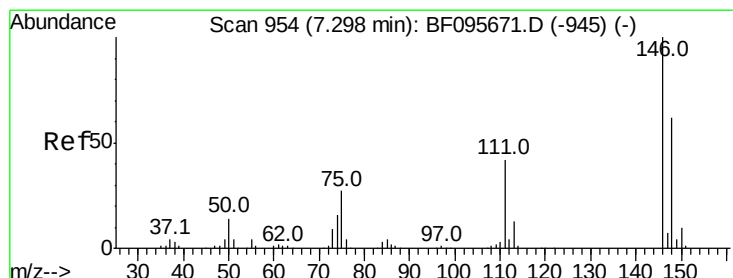
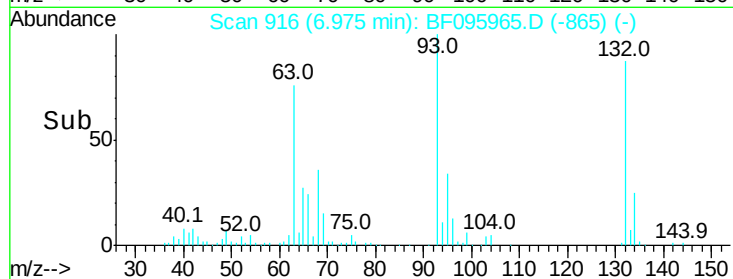
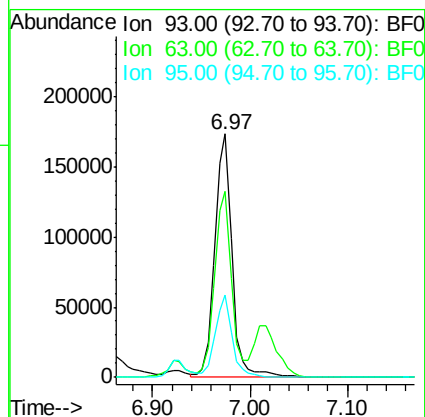
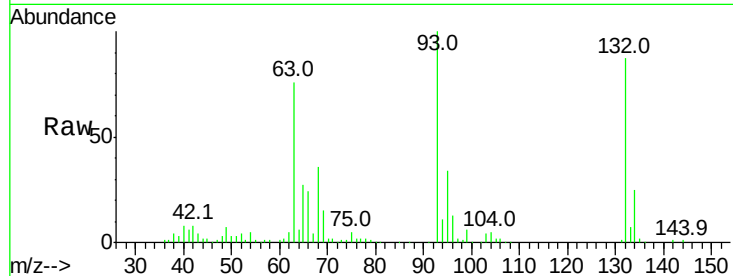




#11
bis(2-Chloroethyl)ether
Concen: 53.80 ng
RT: 6.97 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

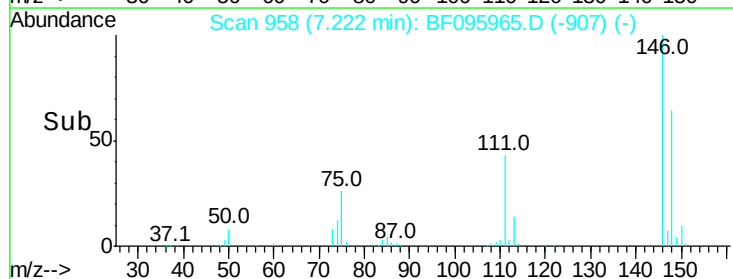
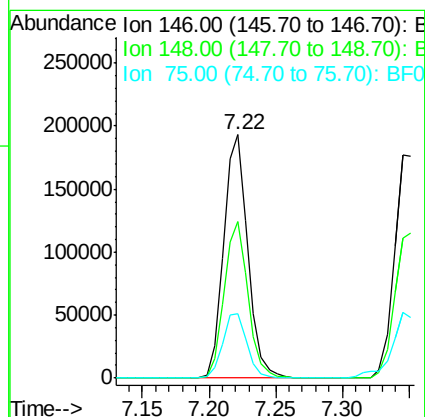
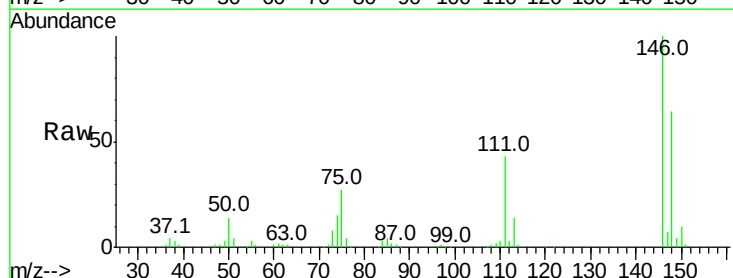
Instrument :
BNA_F
ClientSampleId :

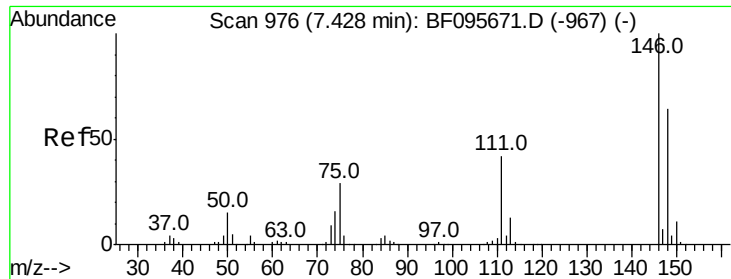
Tot Ion: 93 Resp: 214404
Ion Ratio Lower Upper
93 100
63 76.3 59.2 99.2
95 33.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 50.54 ng
RT: 7.22 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion: 146 Resp: 246408
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.6
75 26.6 23.1 34.7

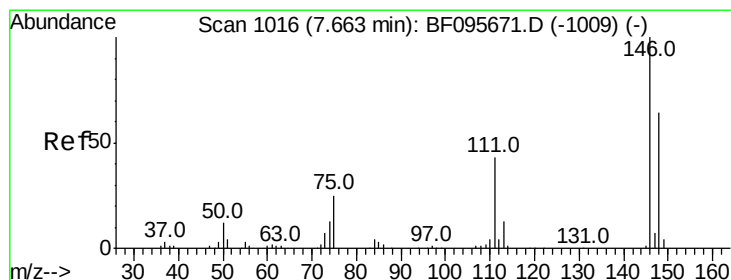
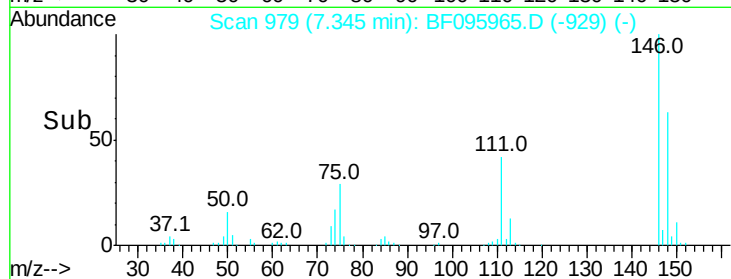
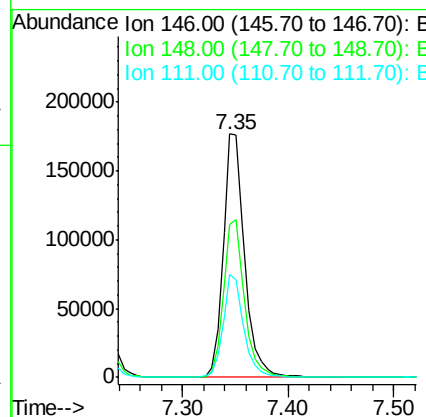
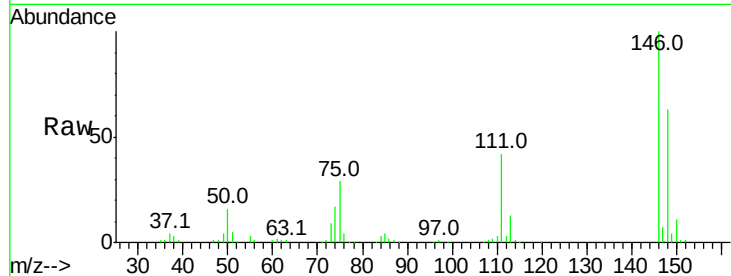




#13
 1,4-Dichlorobenzene
 Concen: 50.51 ng
 RT: 7.35 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

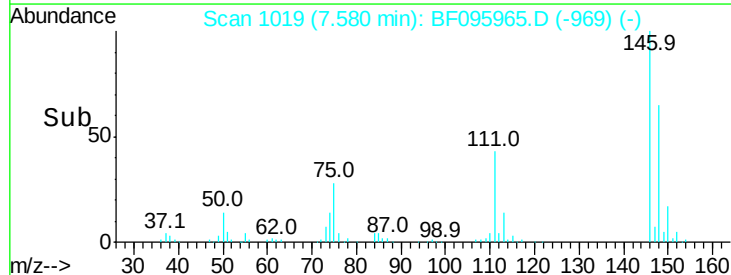
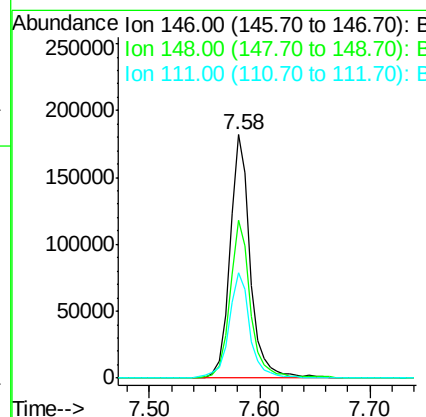
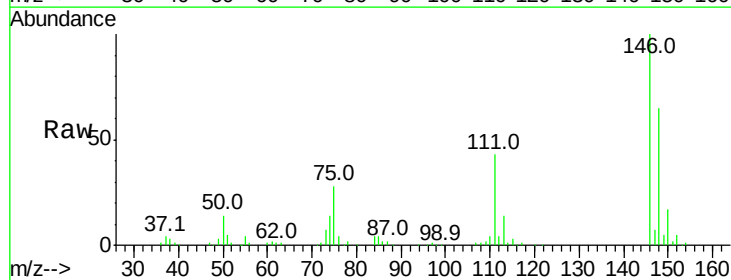
Instrument :
 BNA_F
 ClientSampled :

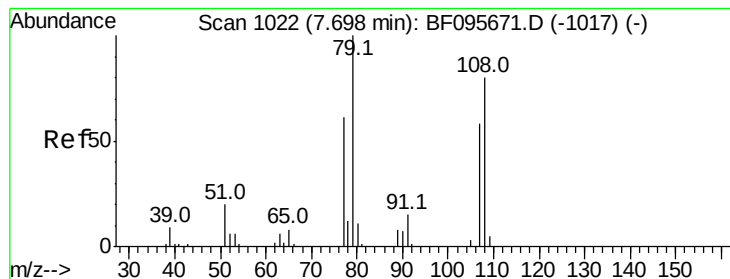
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.2
111	42.0	30.3	45.5



#14
 1,2-Dichlorobenzene
 Concen: 51.35 ng
 RT: 7.58 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.4	75.6
111	43.4	38.2	57.4





#15

Benzyl Alcohol

Concen: 57.03 ng

RT: 7.64 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

ClientSampled :

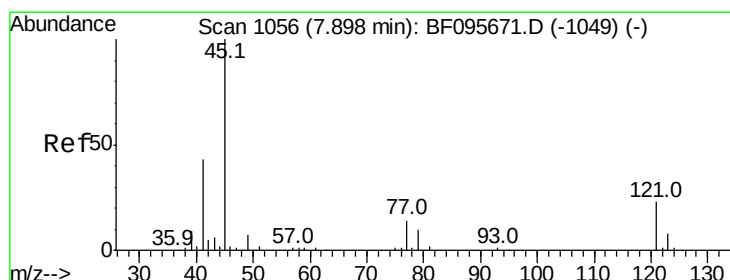
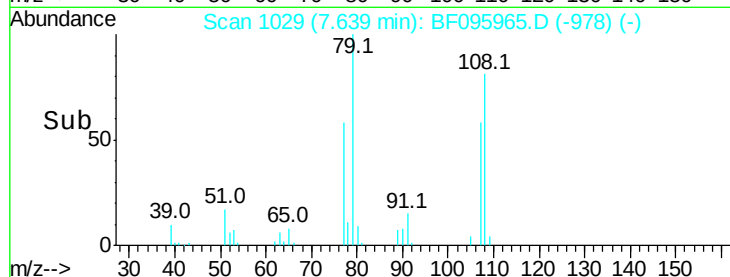
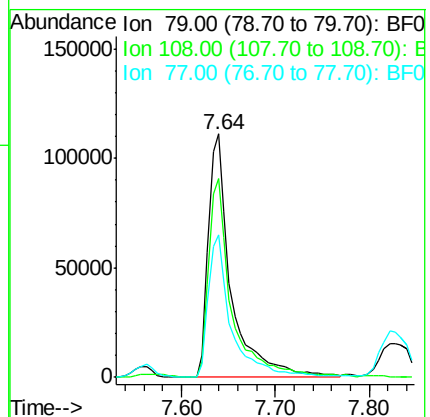
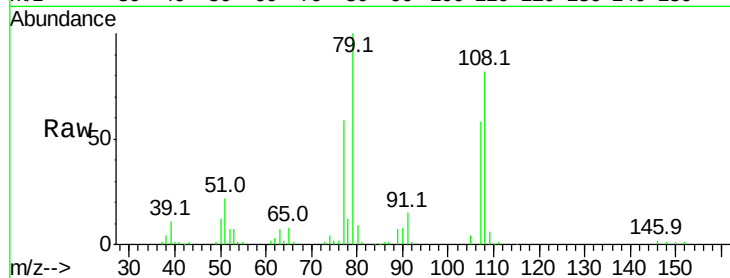
Tot Ion: 79 Resp: 189816

Ion Ratio Lower Upper

79 100

108 81.7 63.4 95.0

77 58.8 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 51.94 ng

RT: 7.82 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

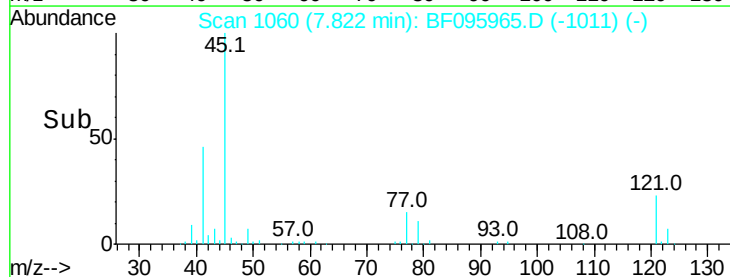
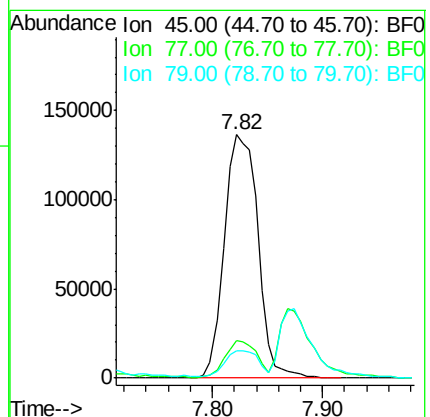
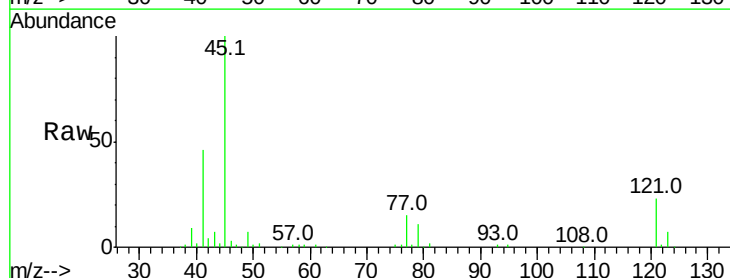
Tgt Ion: 45 Resp: 290823

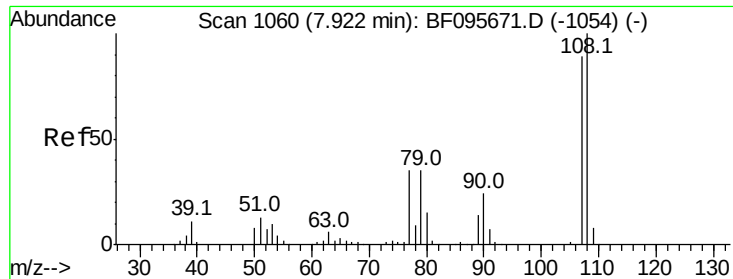
Ion Ratio Lower Upper

45 100

77 15.4 0.0 33.2

79 11.4 0.0 30.0

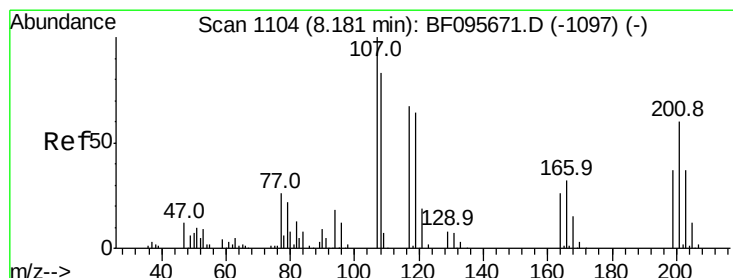
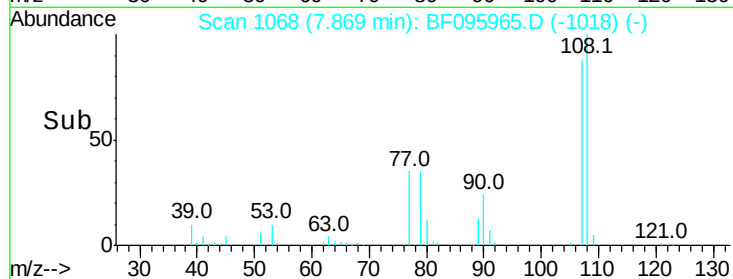
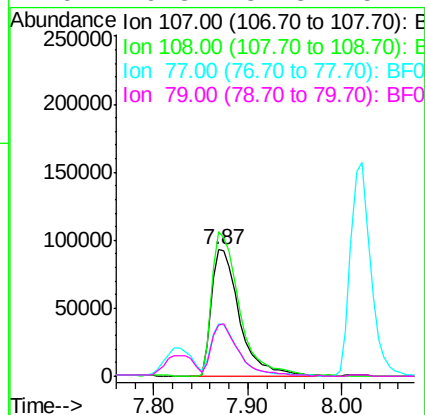
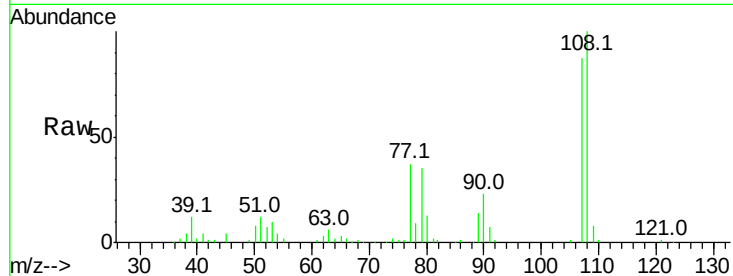




#17
2-Methylphenol
Concen: 54.33 ng
RT: 7.87 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

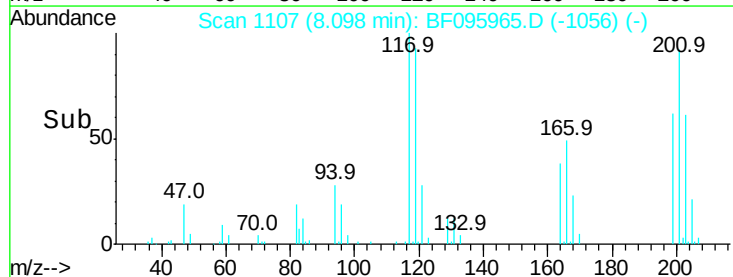
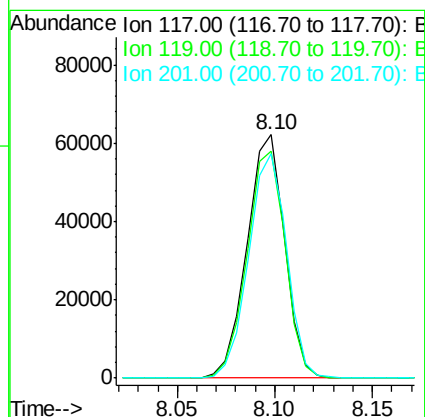
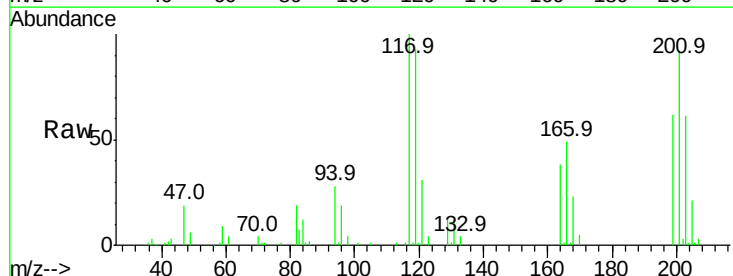
Instrument :
BNA_F
ClientSampled :

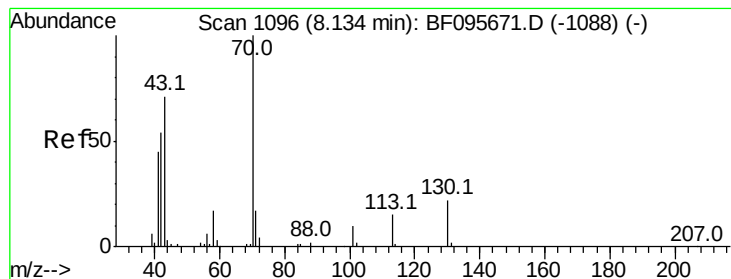
Tot Ion:107 Resp: 196380
Ion Ratio Lower Upper
107 100
108 114.8 93.4 140.0
77 42.0 35.8 53.6
79 40.3 34.8 52.2



#18
Hexachloroethane
Concen: 50.97 ng
RT: 8.10 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion:117 Resp: 83228
Ion Ratio Lower Upper
117 100
119 93.2 77.4 116.0
201 92.3 94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 53.34 ng

RT: 8.07 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 163913

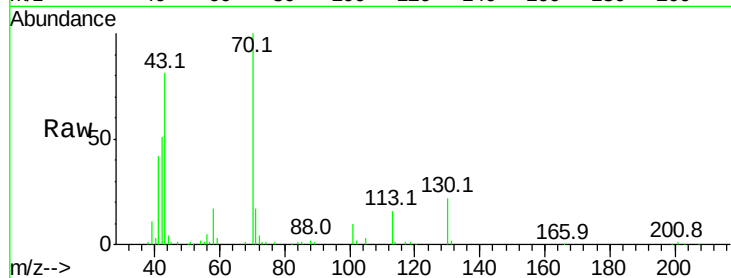
Ion	Ratio	Lower	Upper
70	100		
42	51.4	47.2	70.8
101	10.2	7.2	10.8
130	22.3	15.9	23.9

70 100

42 51.4 47.2 70.8

101 10.2 7.2 10.8

130 22.3 15.9 23.9



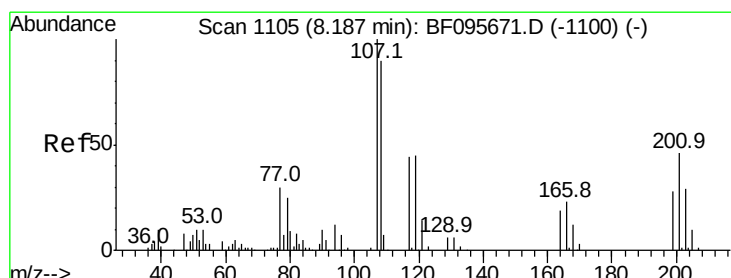
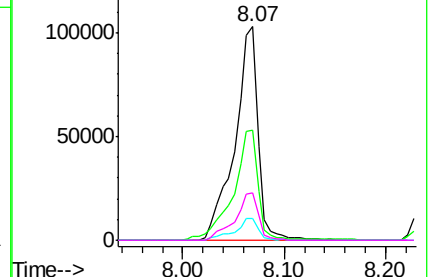
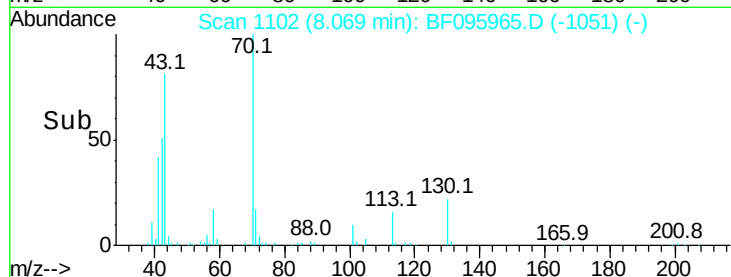
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 54.92 ng

RT: 8.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Tgt Ion: 107 Resp: 251998

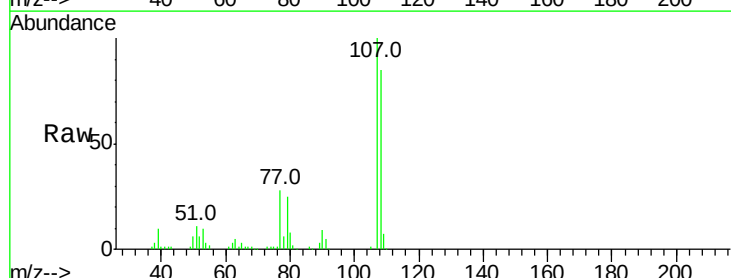
Ion	Ratio	Lower	Upper
107	100		
108	85.2	71.0	111.0
77	27.8	90.5	130.5#
79	24.6	8.4	48.4

107 100

108 85.2 71.0 111.0

77 27.8 90.5 130.5#

79 24.6 8.4 48.4



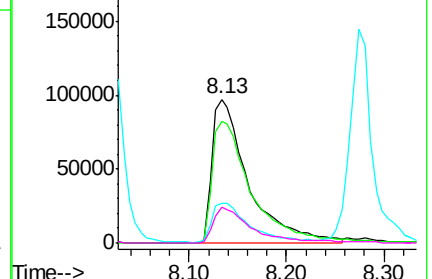
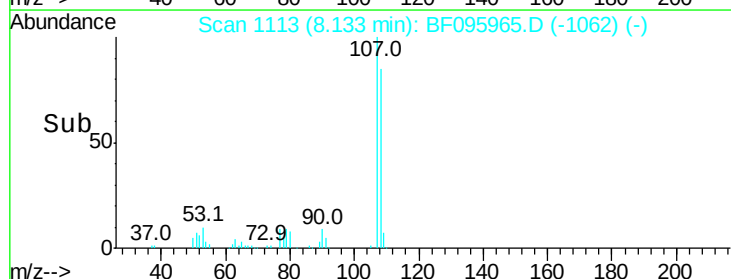
Abundance

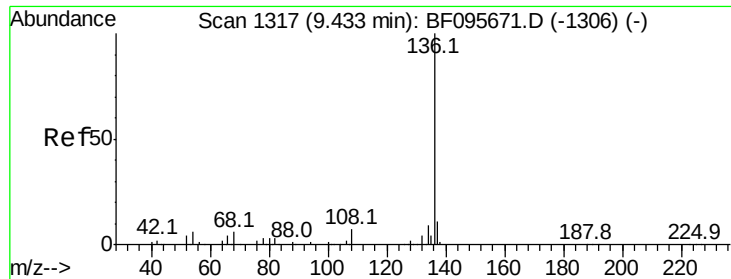
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

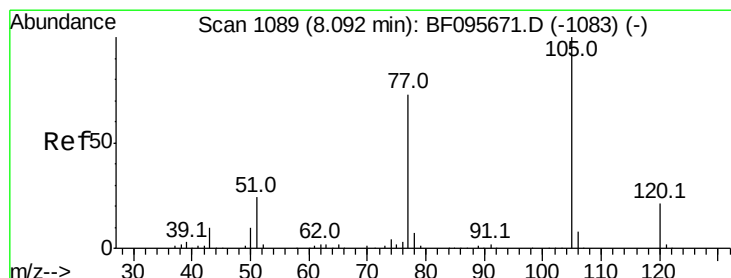
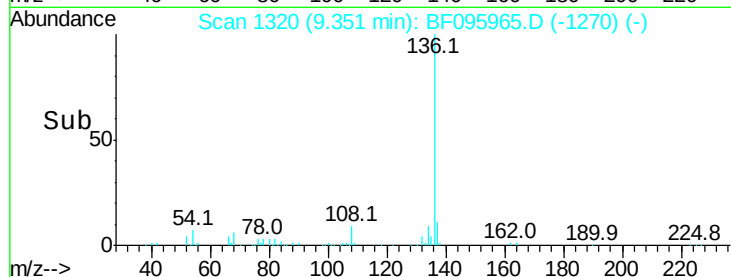
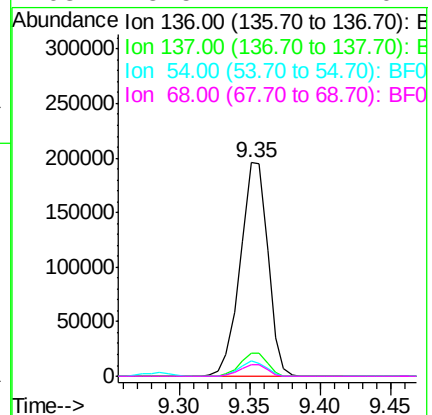
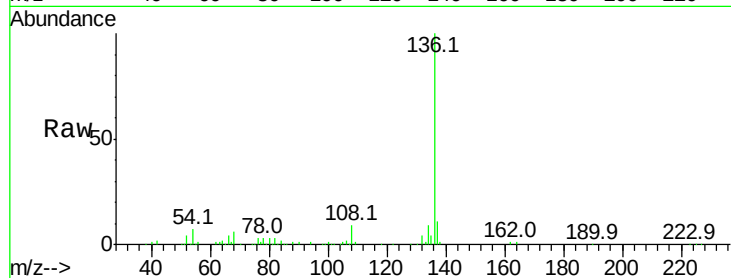




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.35 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

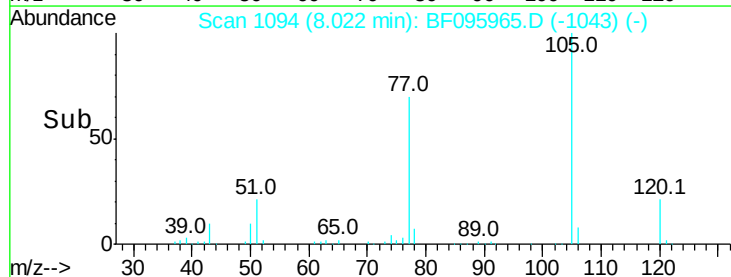
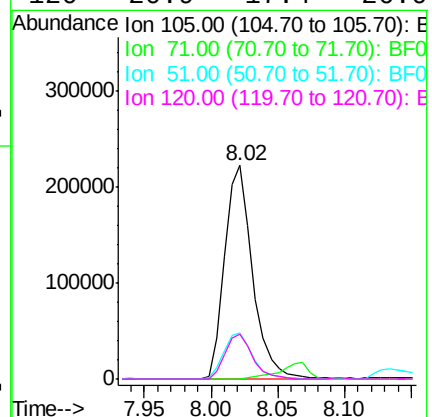
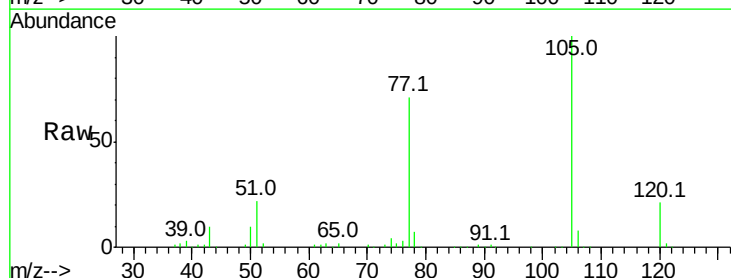
Instrument :
BNA_F
ClientSampleId :

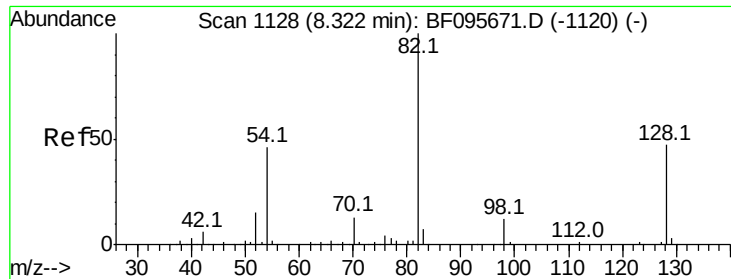
Tot Ion:136	Resp:	267464	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.5	12.7	
54 7.3	4.9	7.3	
68 5.5	4.1	6.1	



#22
Acetophenone
Concen: 52.47 ng
RT: 8.02 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt	Ion:105	Resp:	328498
Ion	Ratio	Lower	Upper
105	100		
71	0.1	2.8	4.2#
51	21.8	30.7	46.1#
120	20.9	17.4	26.0

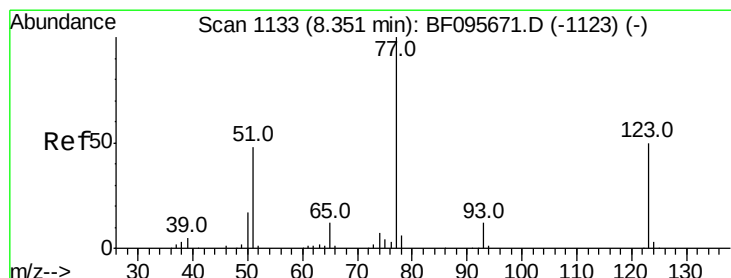
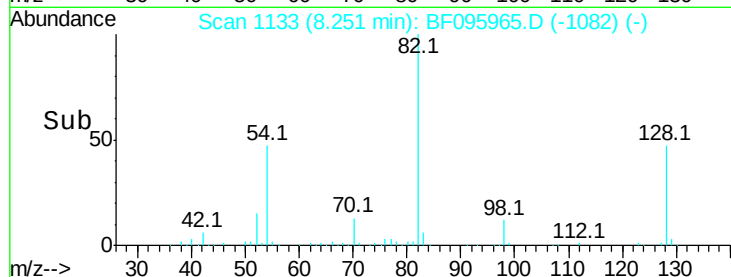
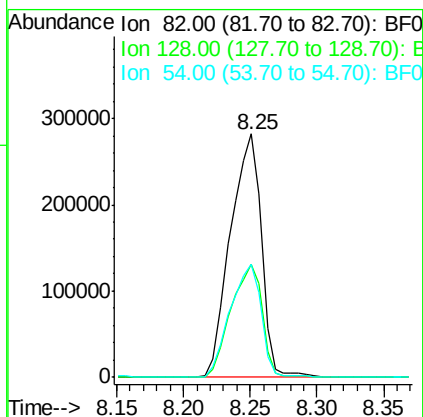
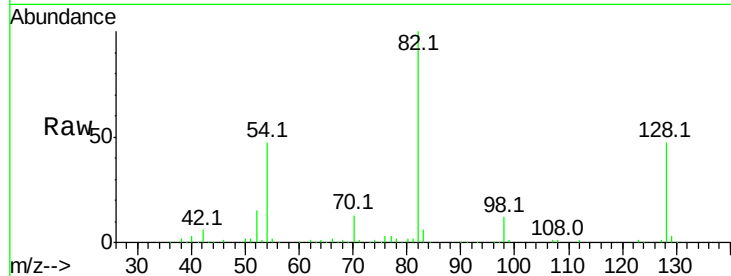




#23
 Nitrobenzene-d5
 Concen: 106.09 ng
 RT: 8.25 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

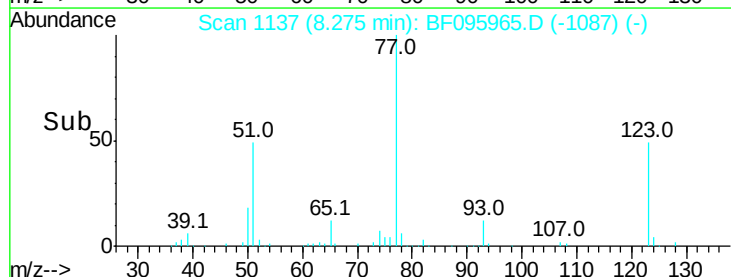
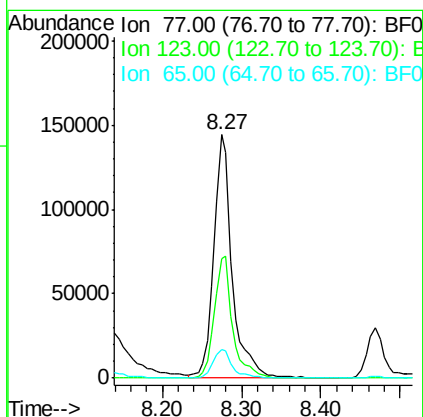
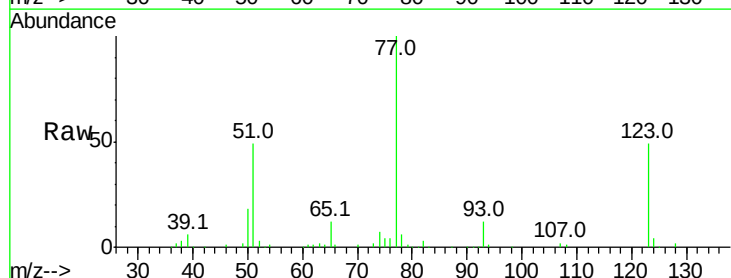
Instrument :
 BNA_F
 ClientSampleId :

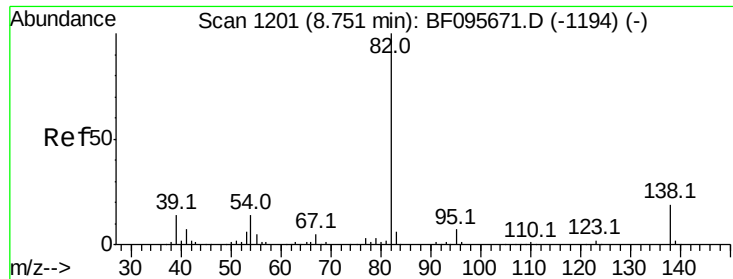
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	46.5	42.2	63.2



#24
 Nitrobenzene
 Concen: 50.61 ng
 RT: 8.27 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	35.8	53.8
65	11.9	10.6	15.8





#25

Isophorone

Concen: 51.06 ng

RT: 8.68 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :

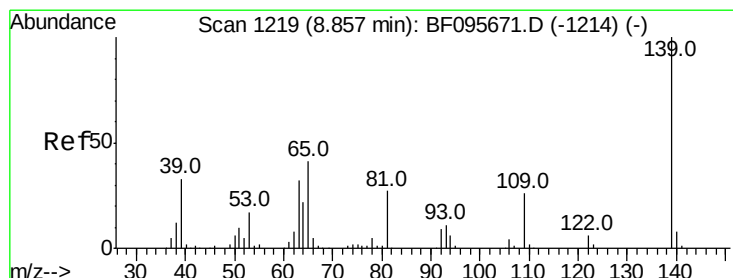
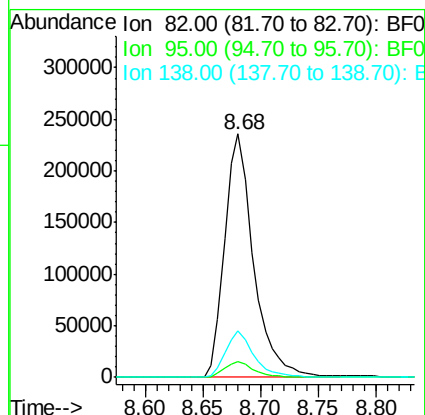
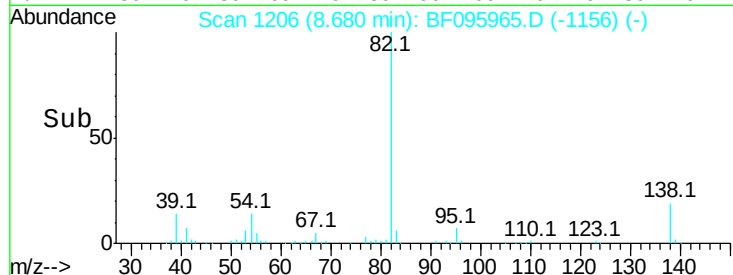
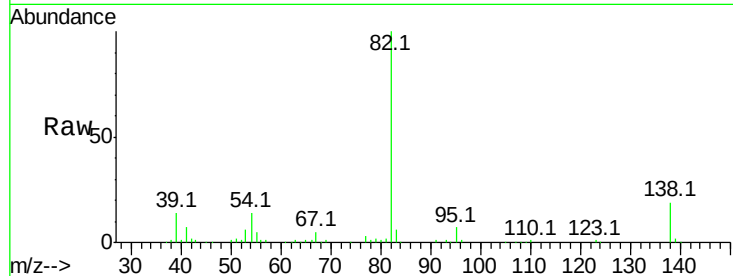
Tot Ion: 82 Resp: 410615

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.0 13.1 19.7



#26

2-Nitrophenol

Concen: 53.97 ng

RT: 8.79 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

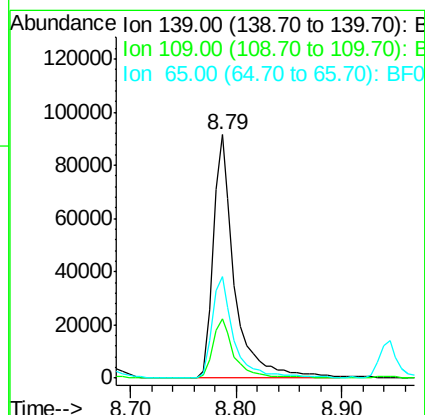
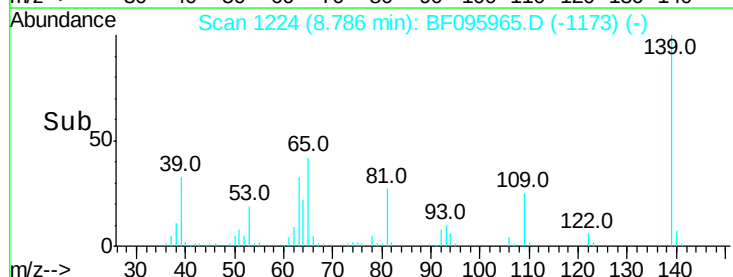
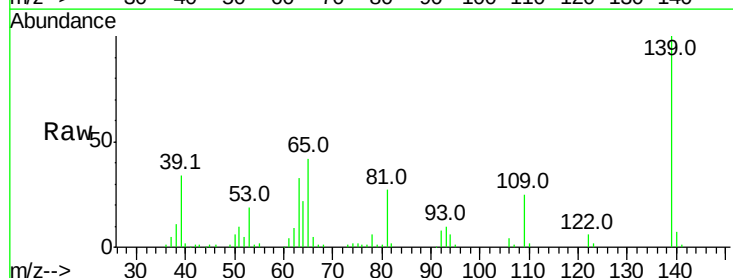
Tgt Ion:139 Resp: 130005

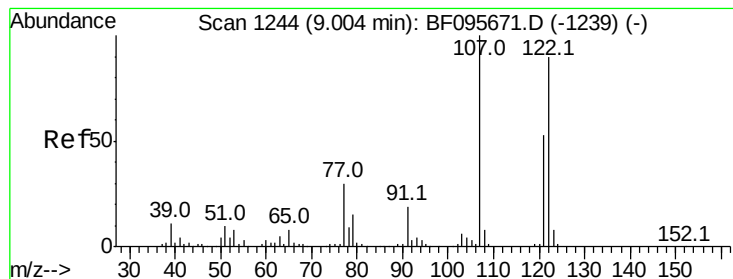
Ion Ratio Lower Upper

139 100

109 24.6 21.0 31.6

65 41.9 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 54.18 ng

RT: 8.95 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

ClientSampled :

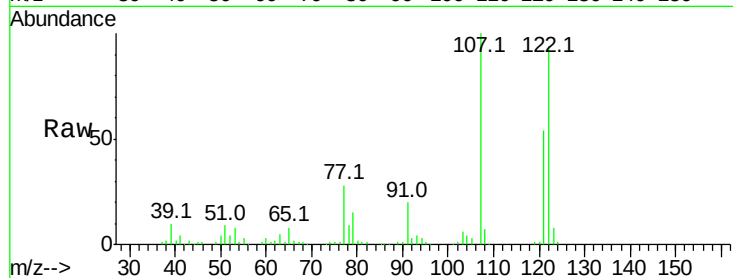
Tot Ion:122 Resp: 202553

Ion Ratio Lower Upper

122 100

107 106.8 89.2 133.8

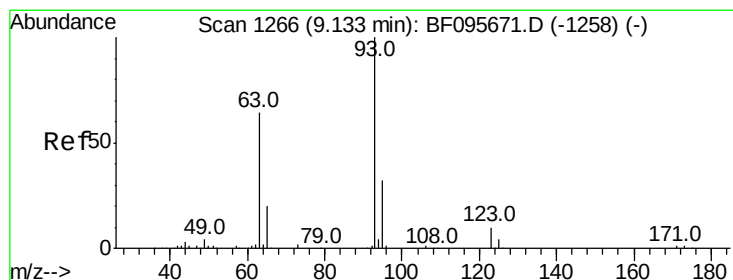
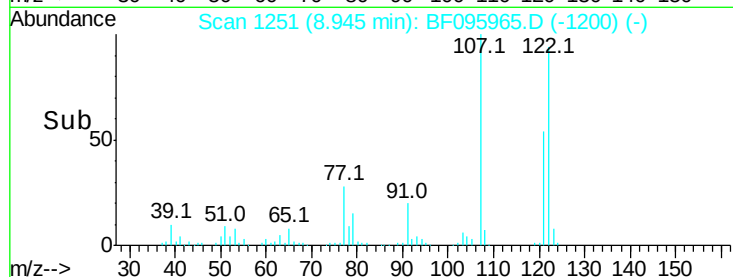
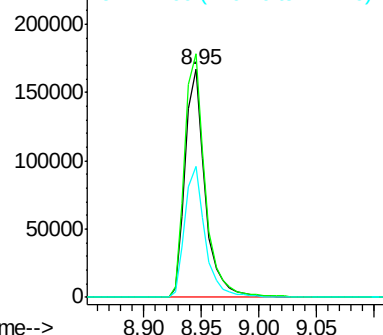
121 57.4 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.47 ng

RT: 9.06 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

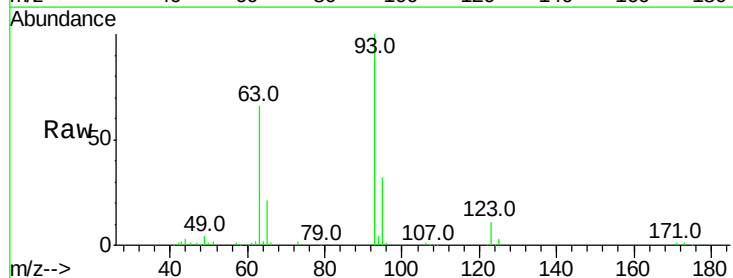
Tgt Ion: 93 Resp: 267521

Ion Ratio Lower Upper

93 100

95 31.9 26.5 39.7

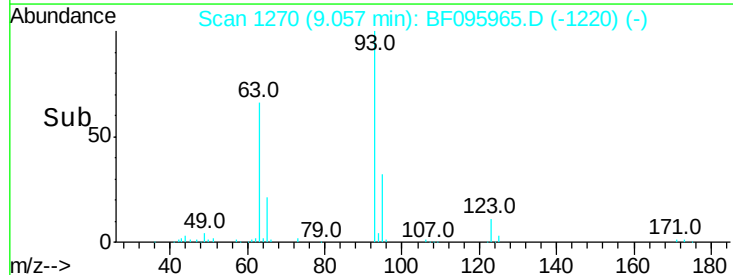
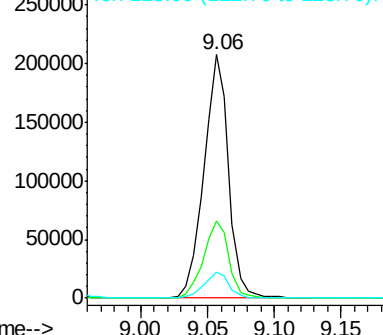
123 10.7 9.0 13.4

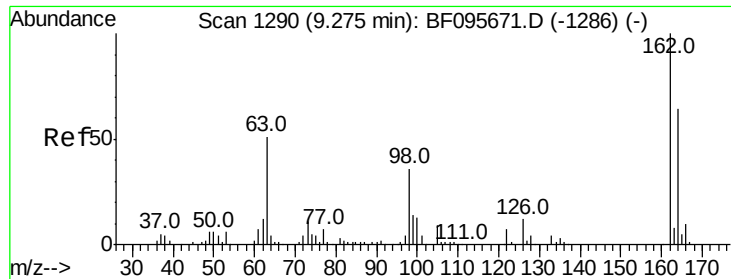


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

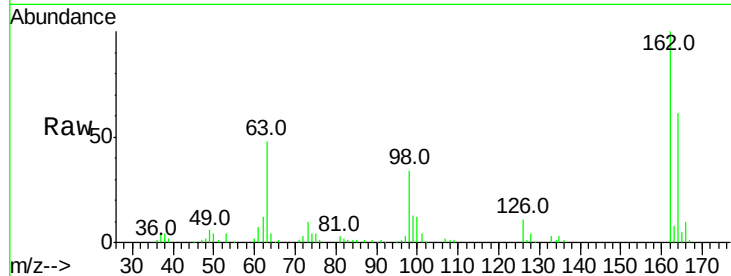




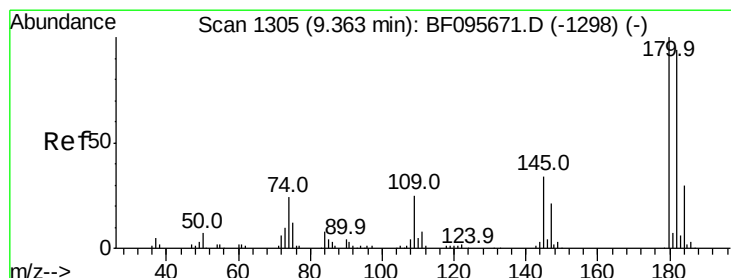
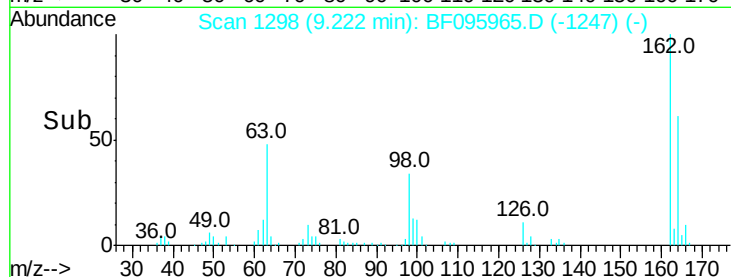
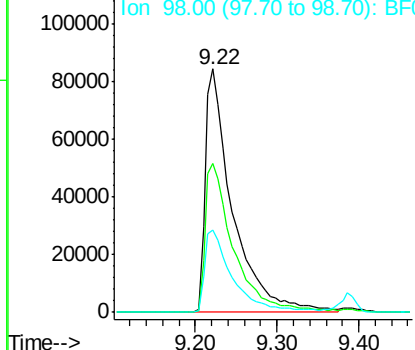
#29
2,4-Dichlorophenol
Concen: 54.35 ng
RT: 9.22 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.0	44.6	84.6
98	34.0	14.8	54.8

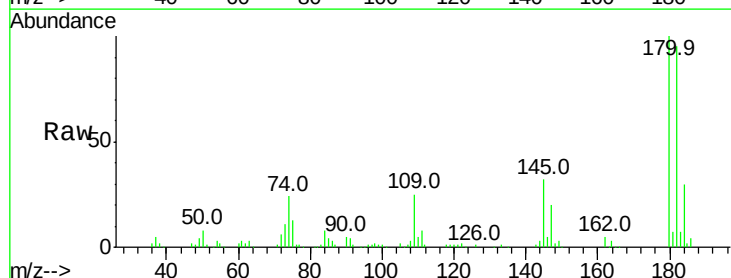


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

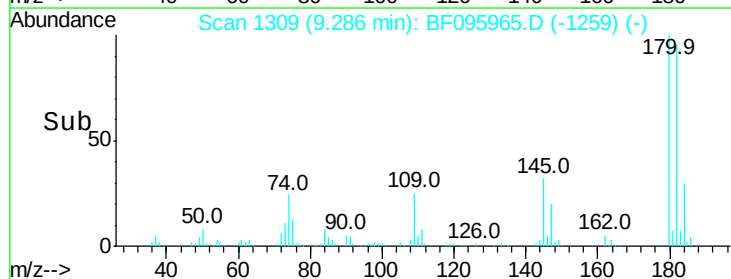
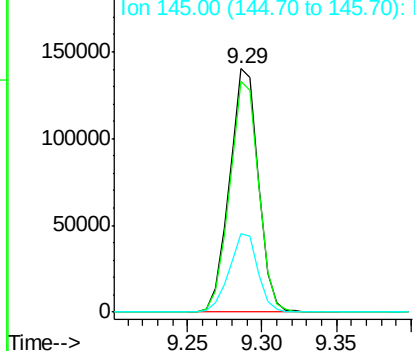


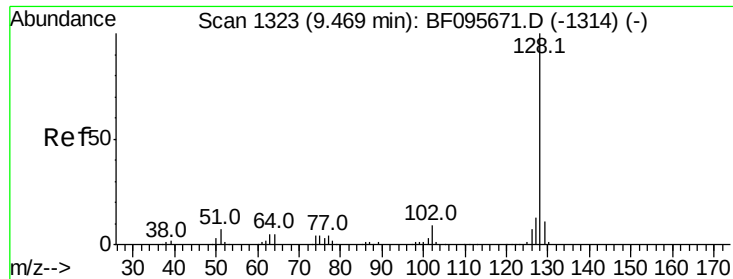
#30
1,2,4-Trichlorobenzene
Concen: 50.80 ng
RT: 9.29 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.6
145	32.4	25.3	37.9



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

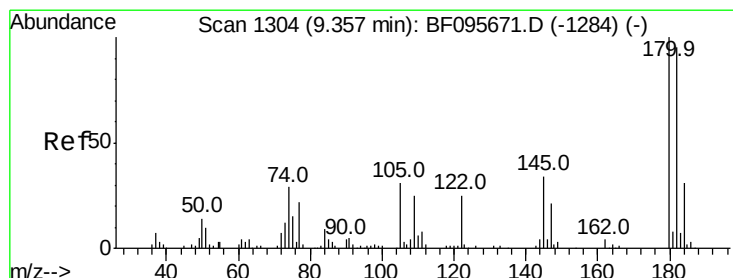
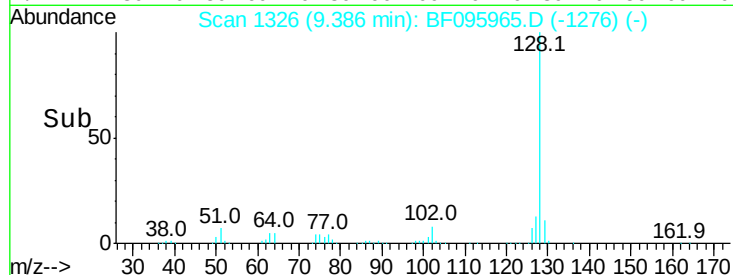
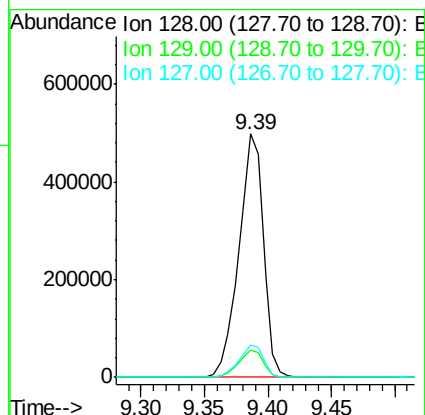
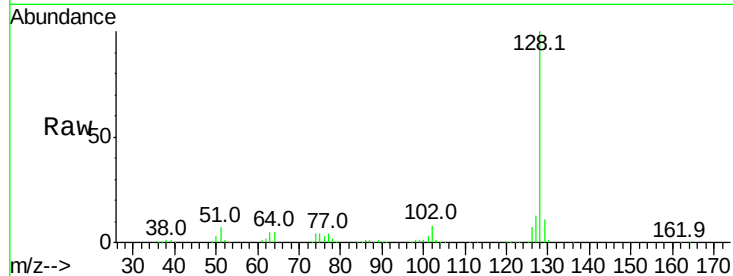




#31
Naphthalene
Concen: 49.50 ng
RT: 9.39 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

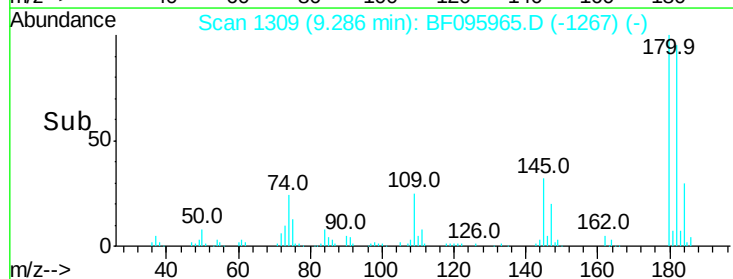
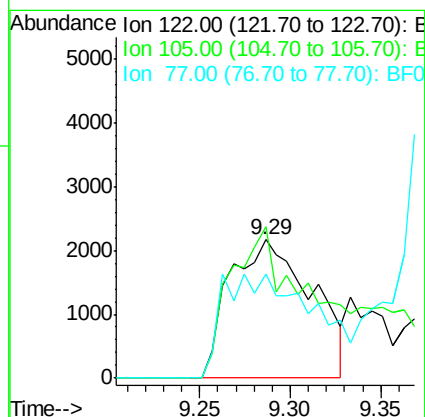
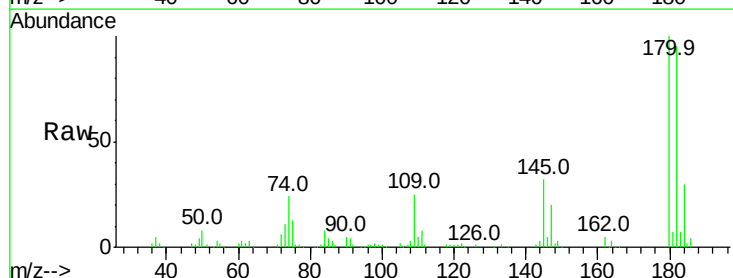
Instrument :
BNA_F
ClientSampleId :

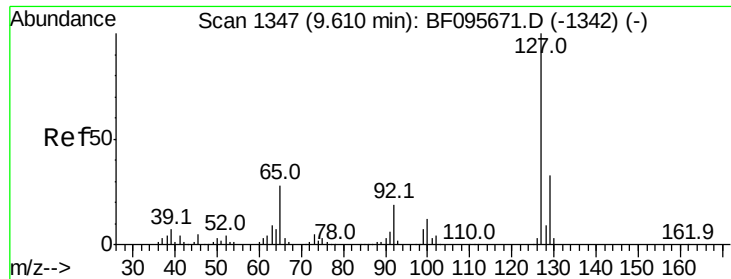
Tot Ion:128 Resp: 664455
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 7.72 ng
RT: 9.29 min Scan# 1309
Delta R.T. -0.05 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion:122 Resp: 6819
Ion Ratio Lower Upper
122 100
105 109.8 103.3 143.3
77 75.4 73.7 113.7

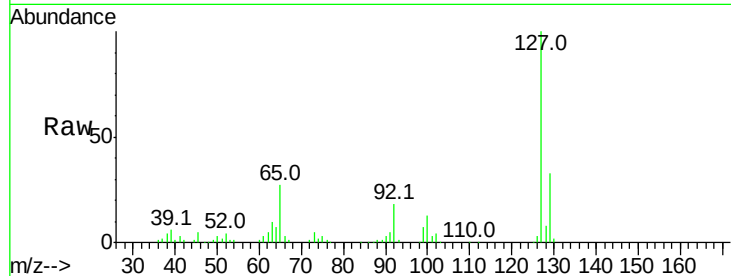




#33
4-Chloroaniline
Concen: 38.69 ng
RT: 9.55 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	202969
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	27.4	27.8	41.8#
92	18.3	16.8	25.2



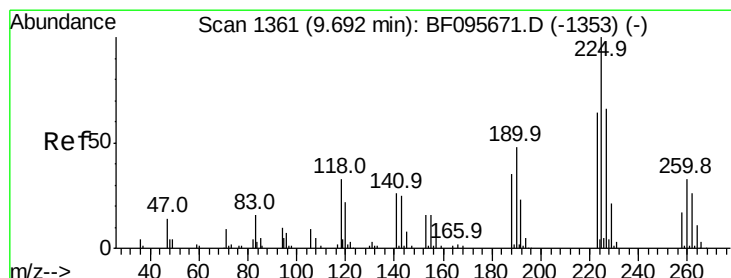
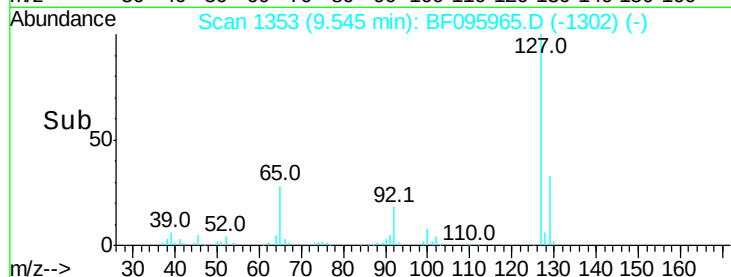
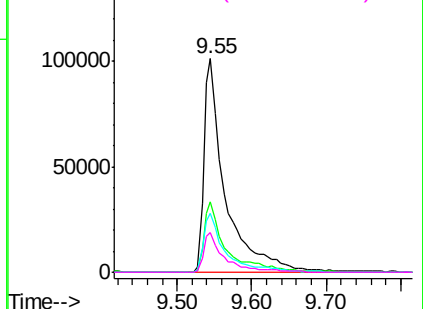
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

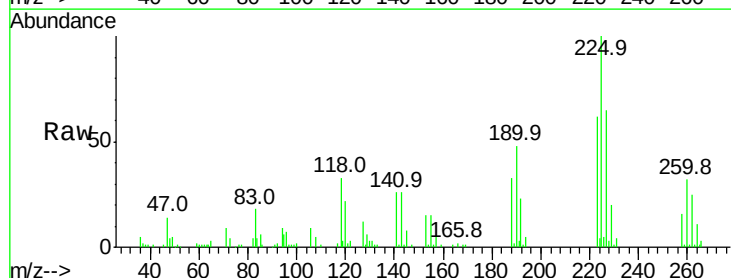
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 47.88 ng
RT: 9.61 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion:	225	Resp:	92684
Ion	Ratio	Lower	Upper
225	100		
223	62.0	48.8	73.2
227	65.5	51.1	76.7

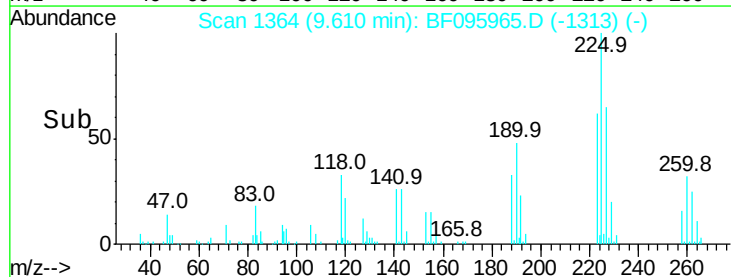
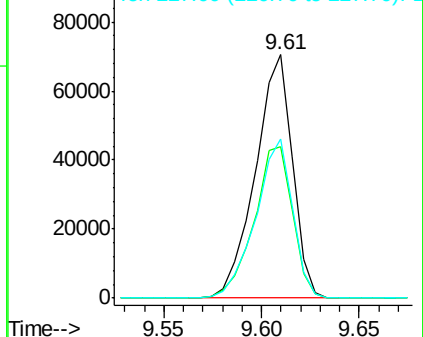


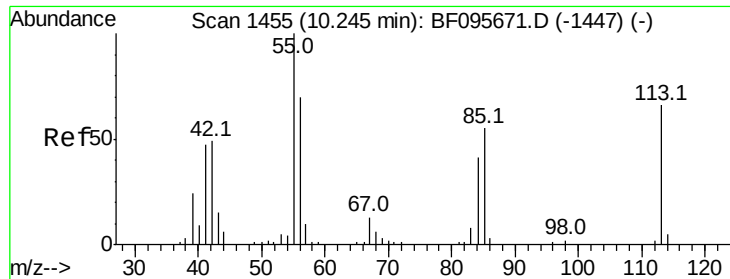
Abundance

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: 27.81 ng

RT: 10.18 min Scan# 1461

Delta R.T. -0.02 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

ClientSampleId :

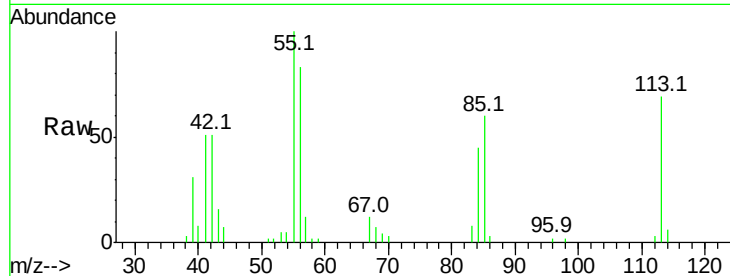
Tot Ion:113 Resp: 29795

Ion Ratio Lower Upper

113 100

55 145.2 150.2 190.2#

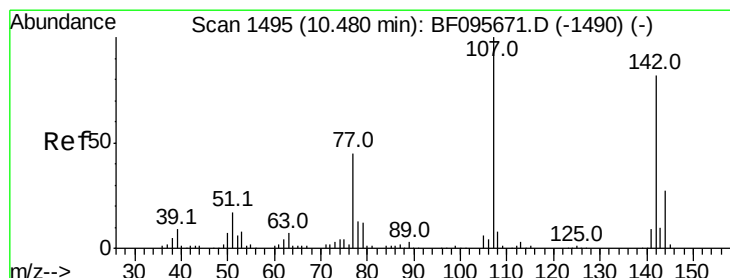
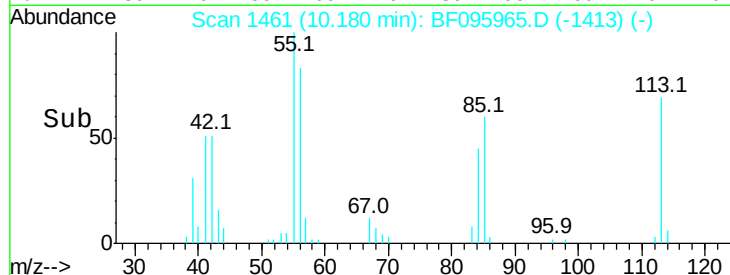
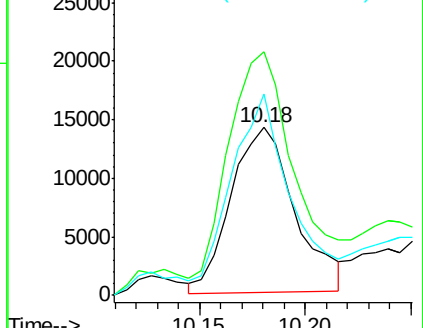
56 120.1 107.8 147.8



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: 53.73 ng

RT: 10.43 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

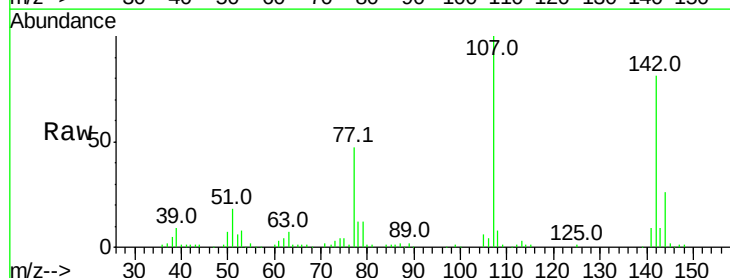
Tgt Ion:107 Resp: 202501

Ion Ratio Lower Upper

107 100

144 25.9 24.2 36.4

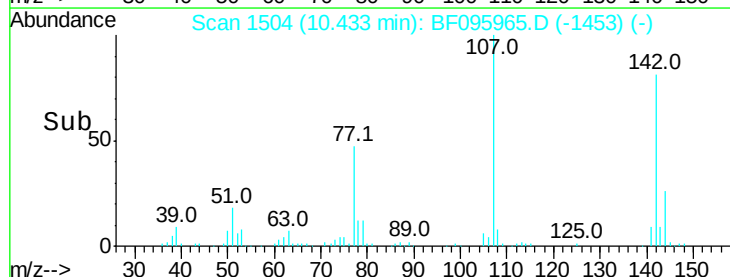
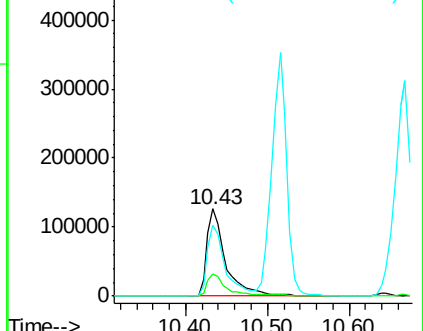
142 80.6 73.4 110.0

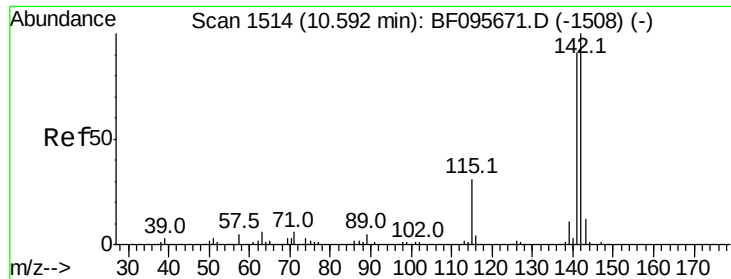


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

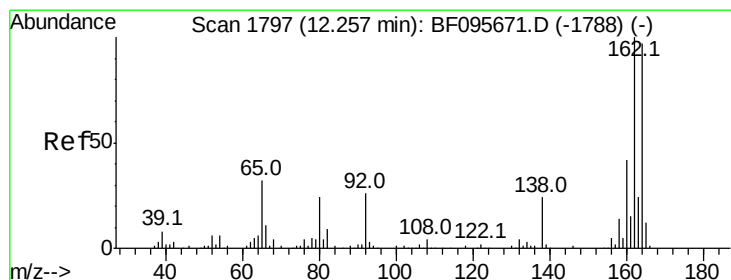
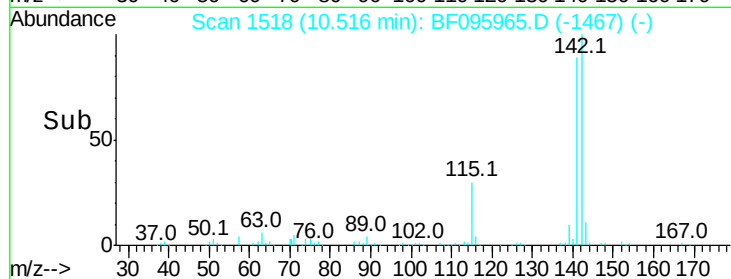
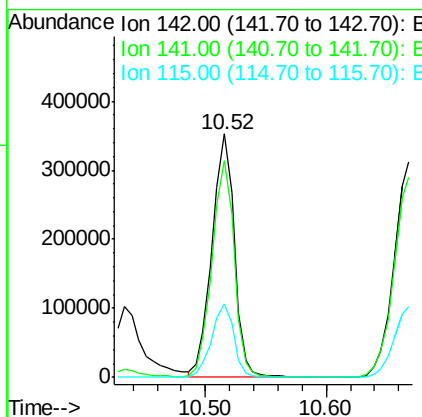
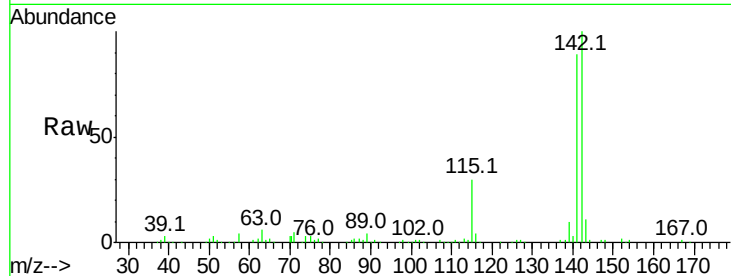




#37
2-Methylnaphthalene
Concen: 49.91 ng
RT: 10.52 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

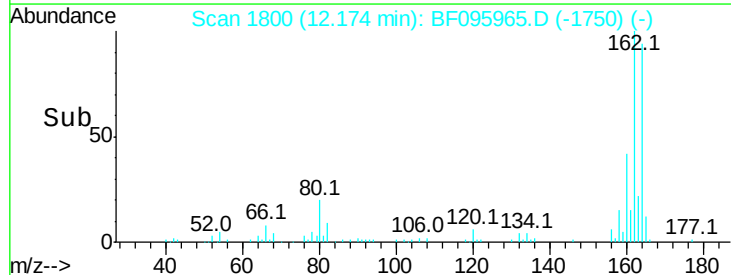
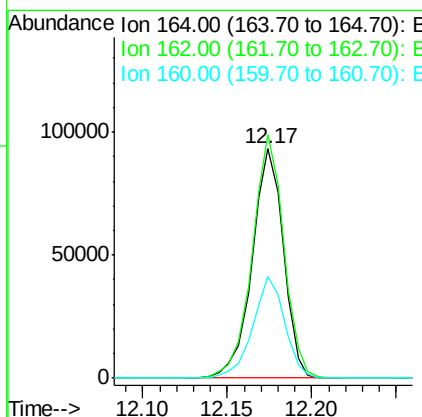
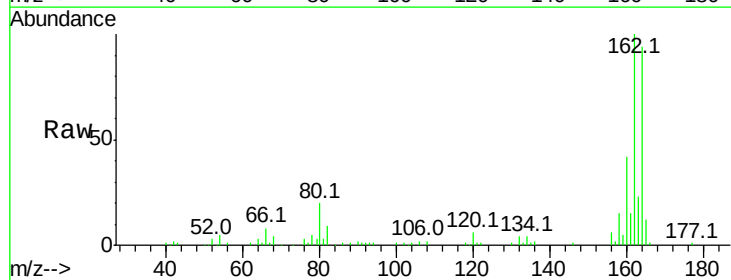
Instrument :
BNA_F
ClientSampled :

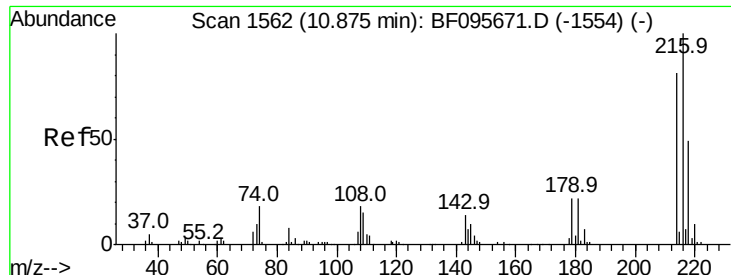
Tot Ion:142 Resp: 452650
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9
115 30.2 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion:164 Resp: 120474
Ion Ratio Lower Upper
164 100
162 106.1 82.6 123.8
160 44.4 36.2 54.2

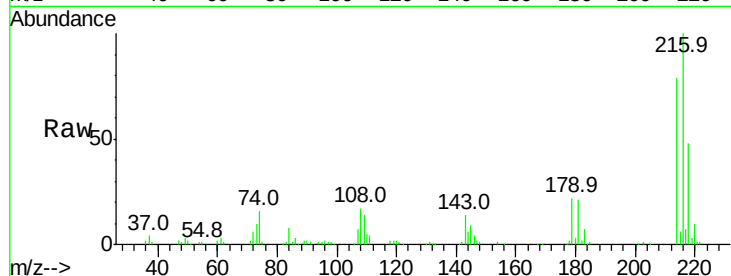




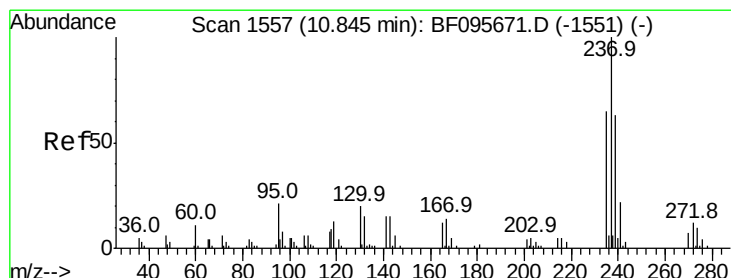
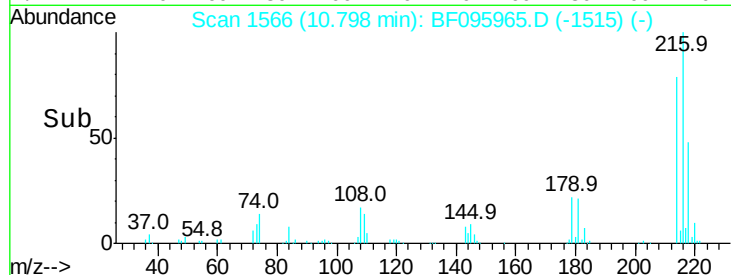
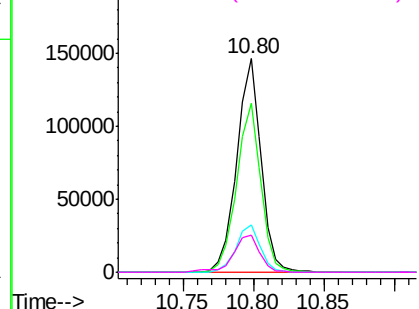
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.37 ng
 RT: 10.80 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	174405
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.2
179	22.1	17.9	26.9
108	18.9	16.5	24.7

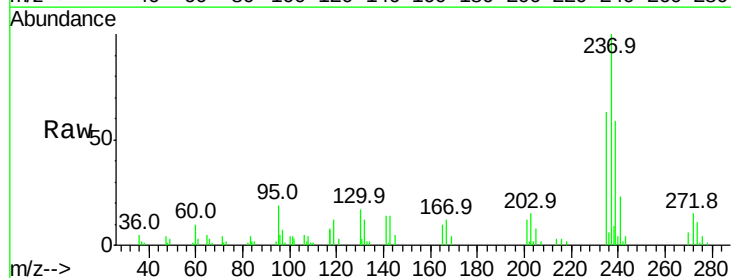


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

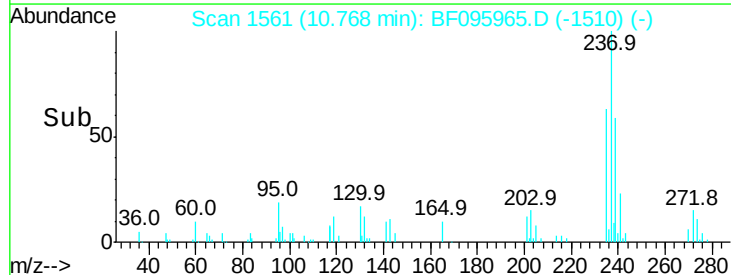
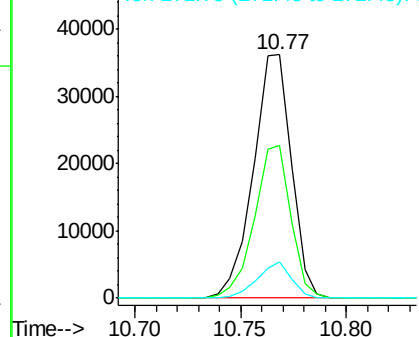


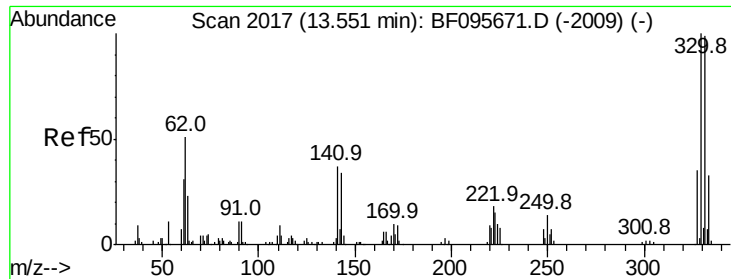
#40
 Hexachlorocyclopentadiene
 Concen: 45.87 ng
 RT: 10.77 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Tgt Ion:	237	Resp:	45536
Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.6	82.6
272	15.0	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

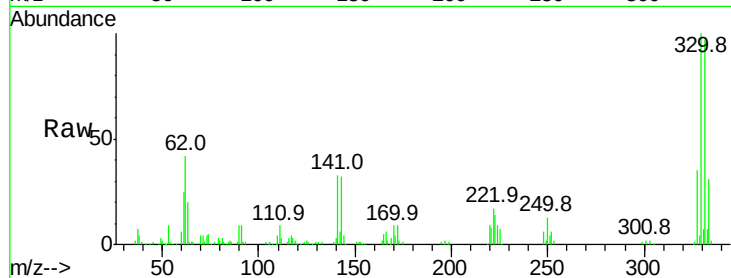




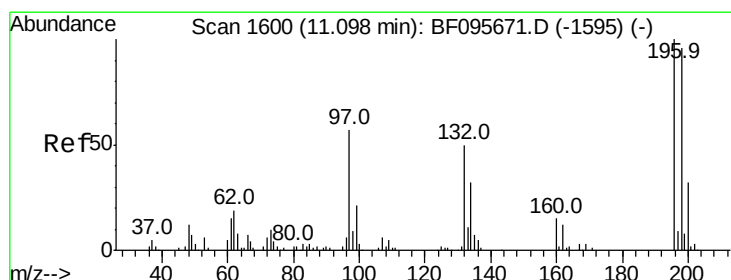
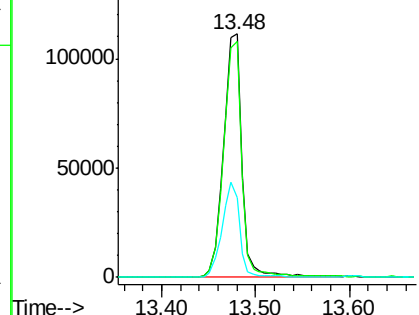
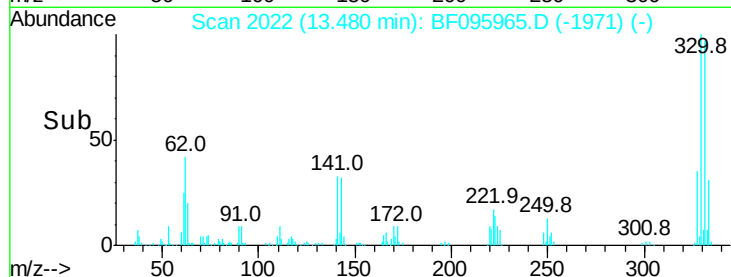
#41
 2,4,6-Tribromophenol
 Concen: 144.10 ng
 RT: 13.48 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	37.5	31.4	47.2

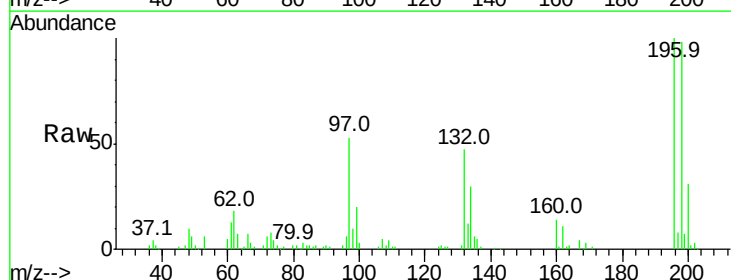


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

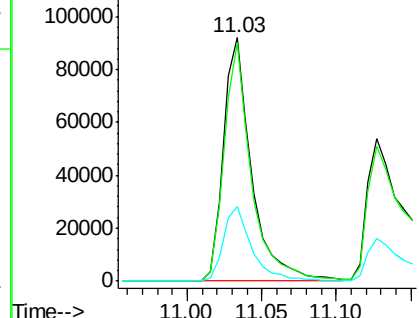
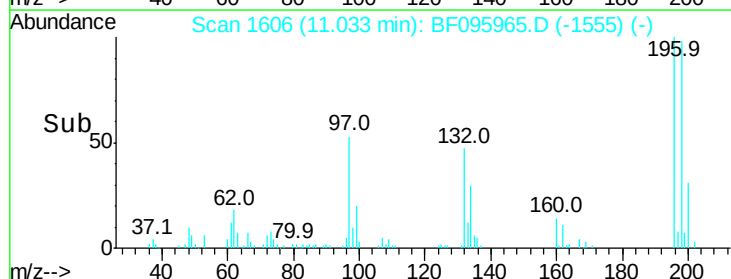


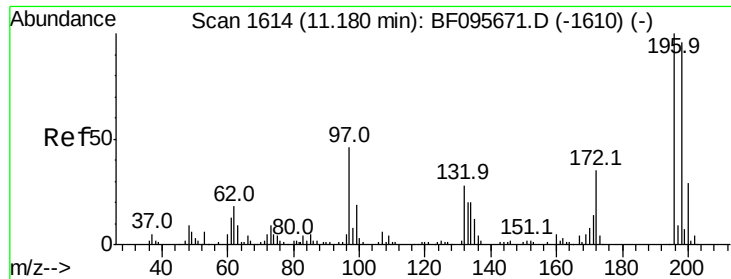
#42
 2,4,6-Trichlorophenol
 Concen: 52.64 ng
 RT: 11.03 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	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

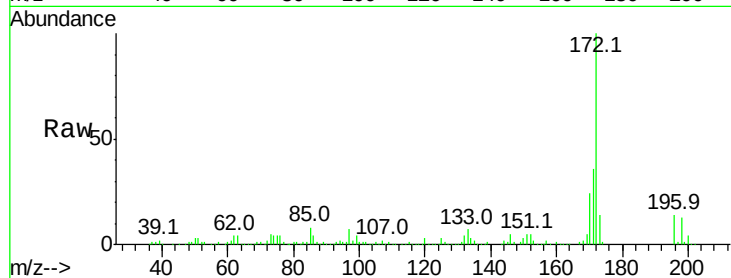




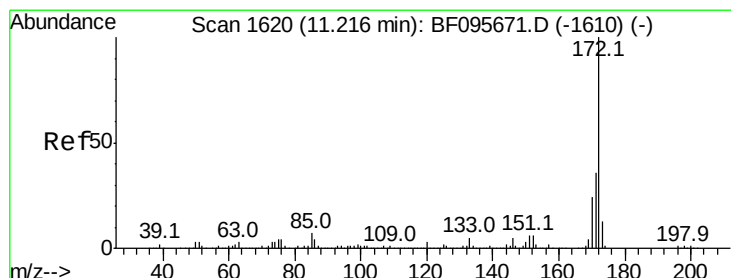
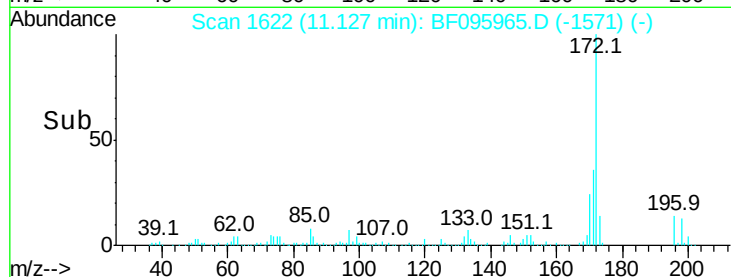
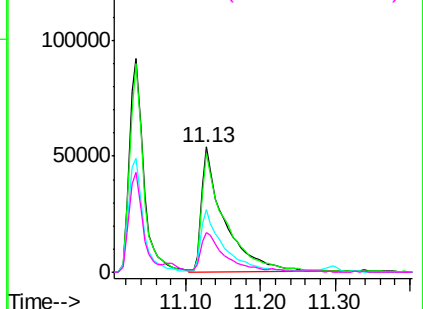
#43
 2,4,5-Trichlorophenol
 Concen: 47.03 ng
 RT: 11.13 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.7	113.5
97	49.9	47.7	71.5
132	31.9	28.0	42.0

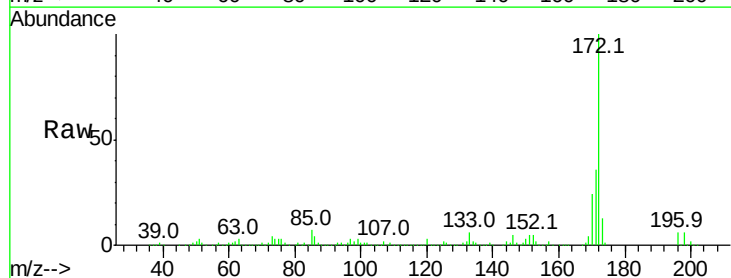


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

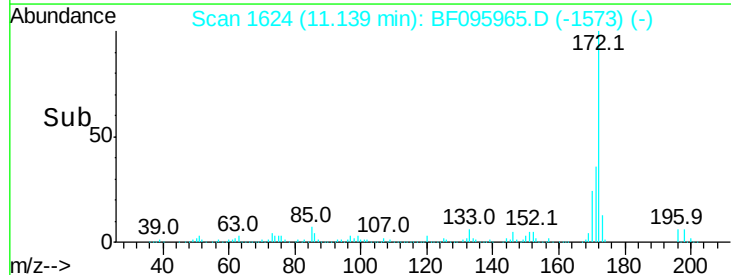
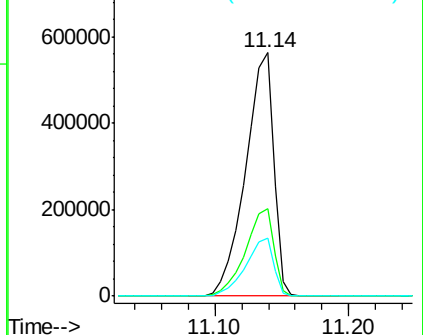


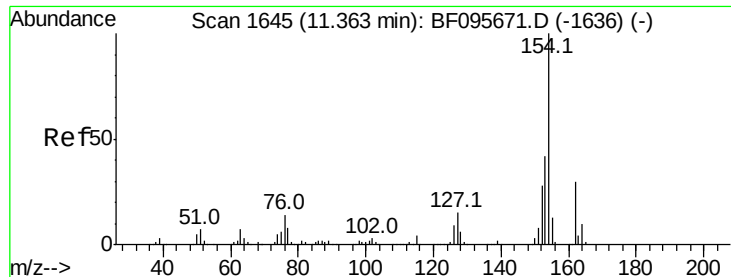
#44
 2-Fluorobiphenyl
 Concen: 94.17 ng
 RT: 11.14 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.8	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 49.67 ng

RT: 11.29 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

ClientSampleId :

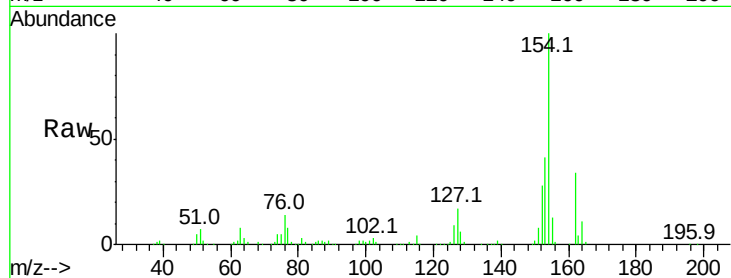
Tot Ion:154 Resp: 493168

Ion Ratio Lower Upper

154 100

153 40.8 21.2 61.2

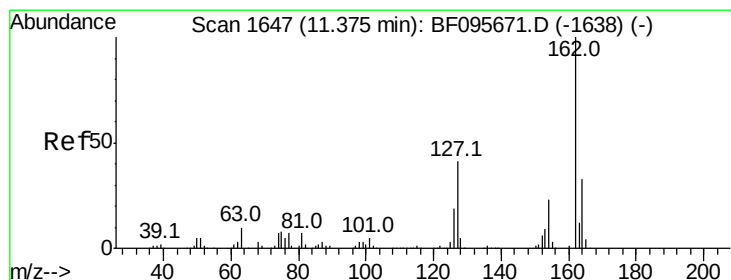
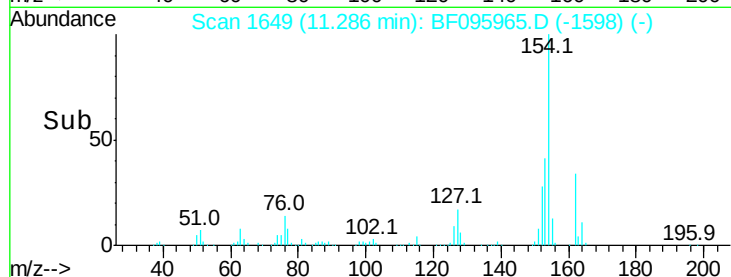
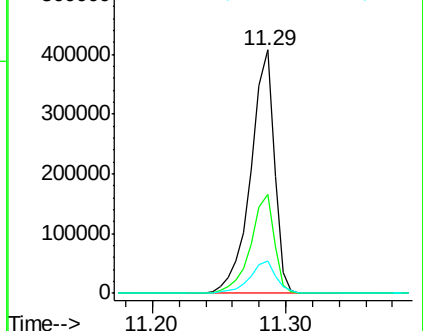
76 13.5 0.0 29.9



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: 49.18 ng

RT: 11.30 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

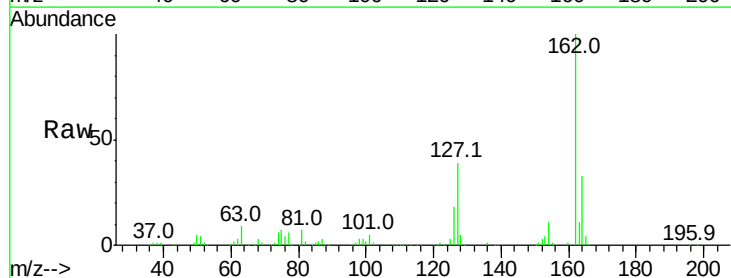
Tgt Ion:162 Resp: 381547

Ion Ratio Lower Upper

162 100

127 39.2 28.3 42.5

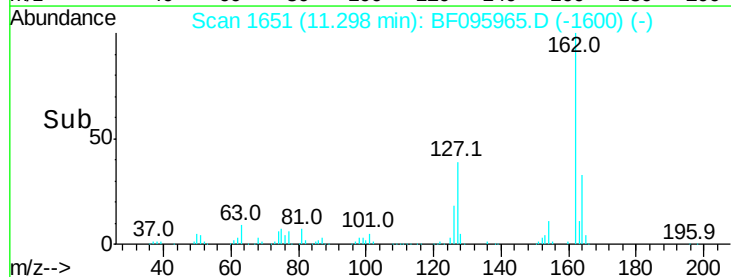
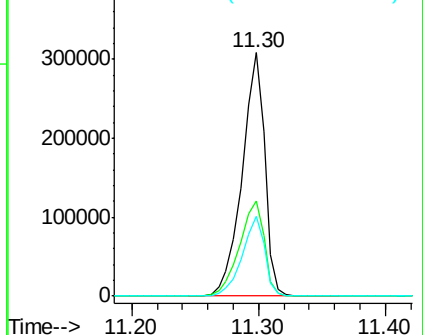
164 33.0 27.0 40.4

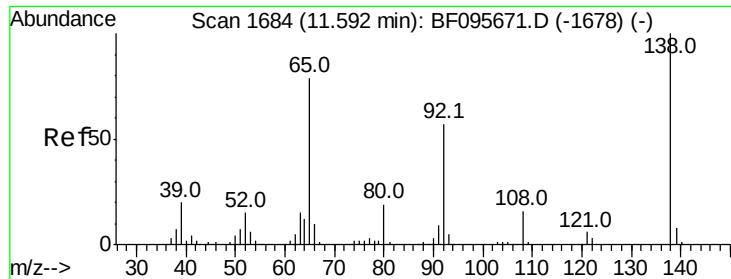


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

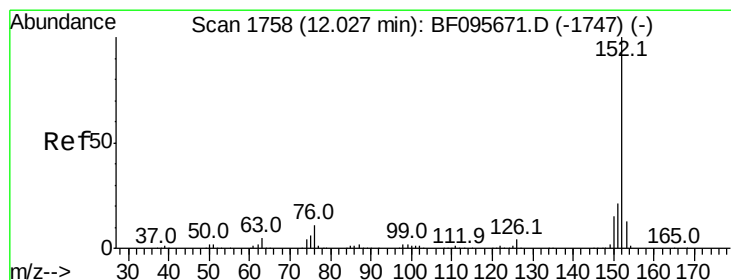
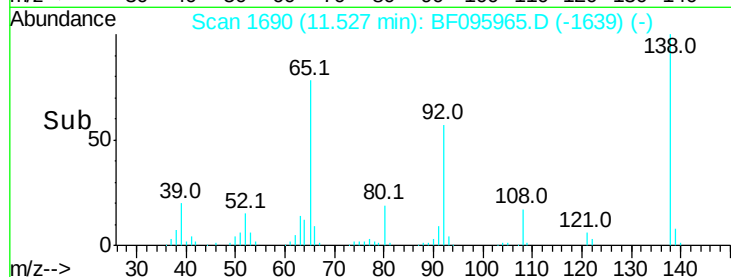
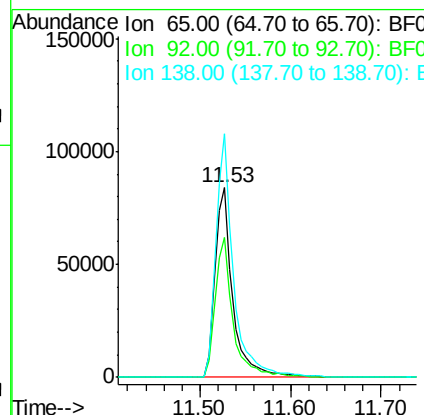
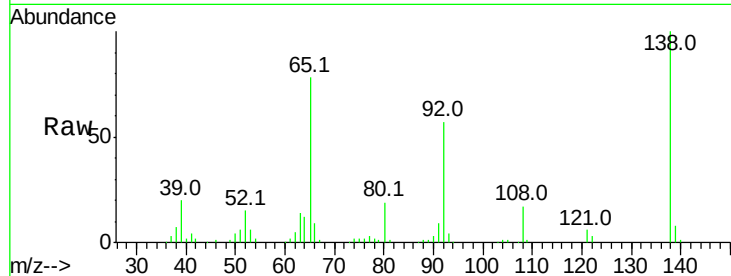




#47
2-Nitroaniline
Concen: 51.22 ng
RT: 11.53 min Scan# 1690
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

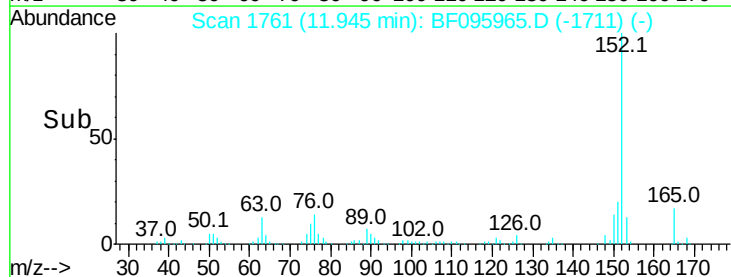
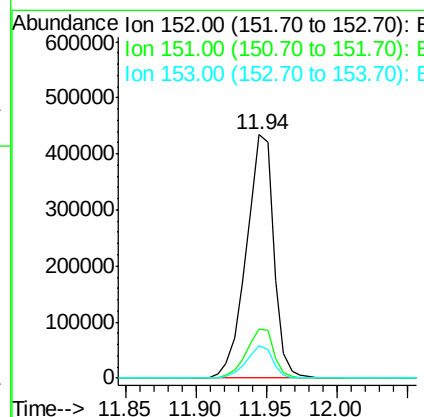
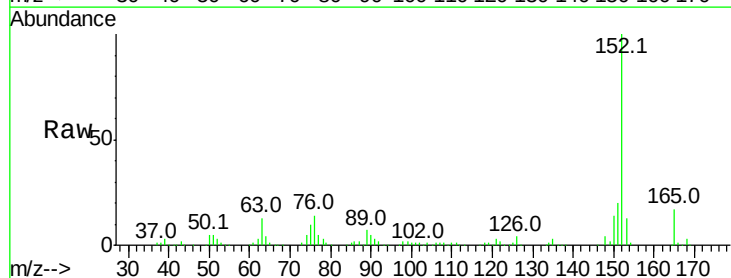
Instrument :
BNA_F
ClientSampled :

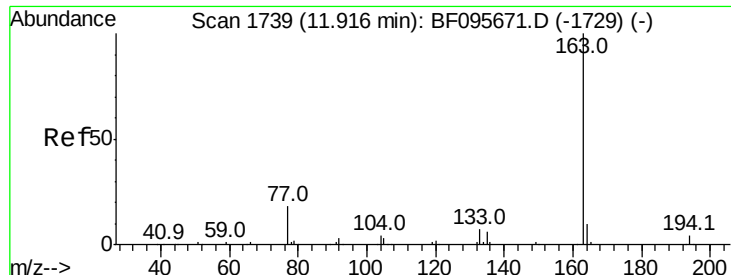
Tot Ion: 65 Resp: 116282
Ion Ratio Lower Upper
65 100
92 73.5 53.9 80.9
138 128.3 78.8 118.2#



#48
Acenaphthylene
Concen: 44.75 ng
RT: 11.94 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion:152 Resp: 593646
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 62.08 ng

RT: 11.84 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

ClientSampled :

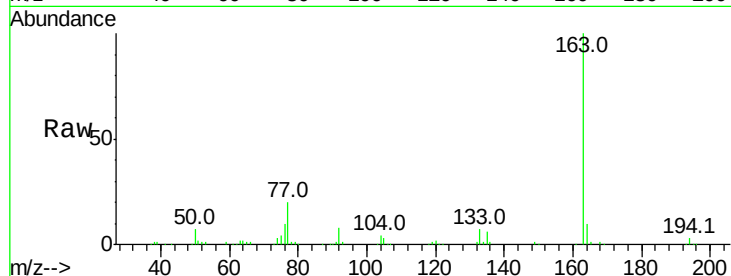
Tot Ion:163 Resp: 567854

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

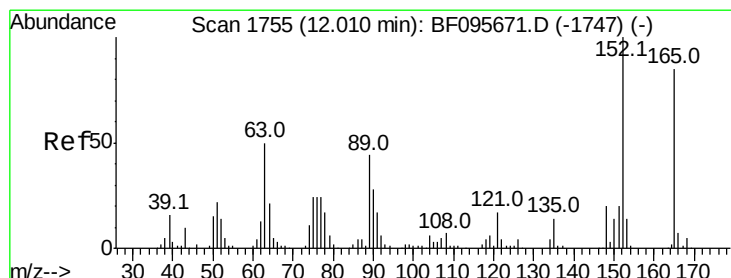
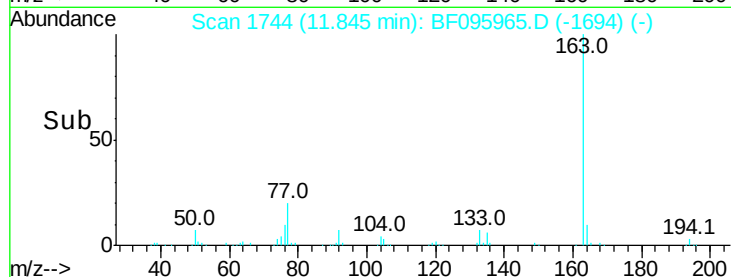
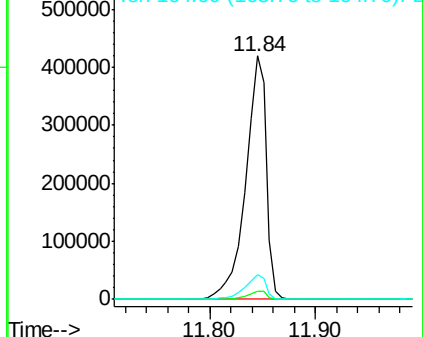
164 10.3 8.4 12.6



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: 48.91 ng

RT: 11.94 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

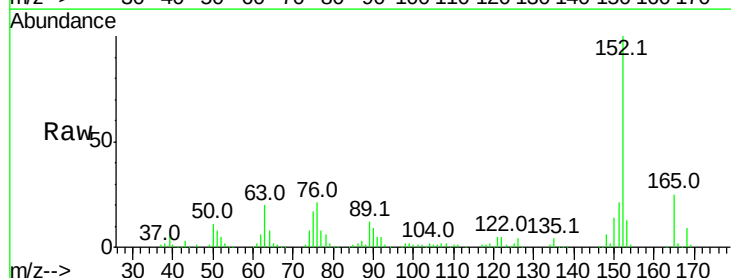
Tgt Ion:165 Resp: 97585

Ion Ratio Lower Upper

165 100

63 81.2 34.3 51.5#

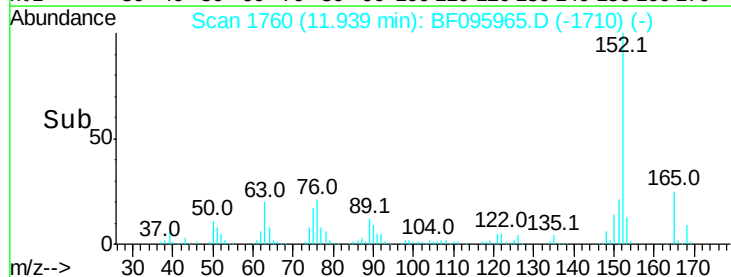
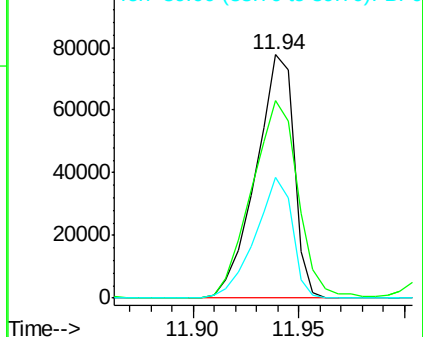
89 49.4 37.1 55.7

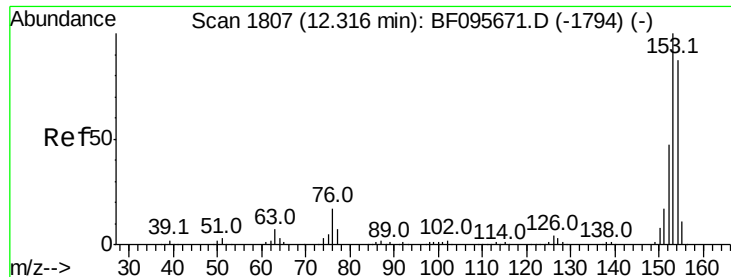


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

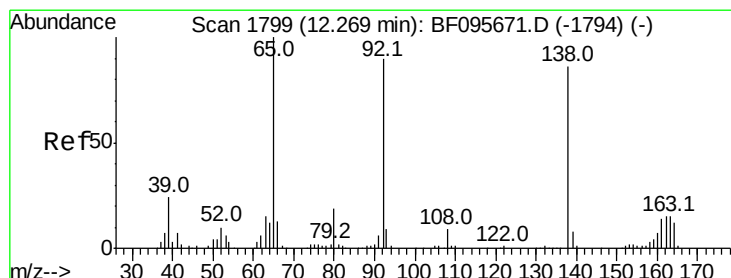
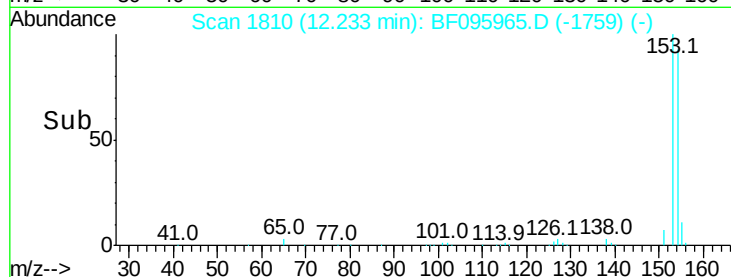
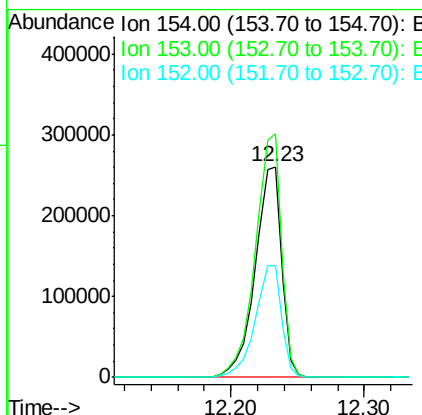
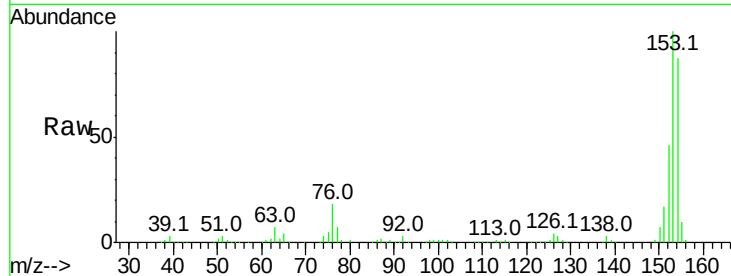




#51
Acenaphthene
Concen: 46.37 ng
RT: 12.23 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

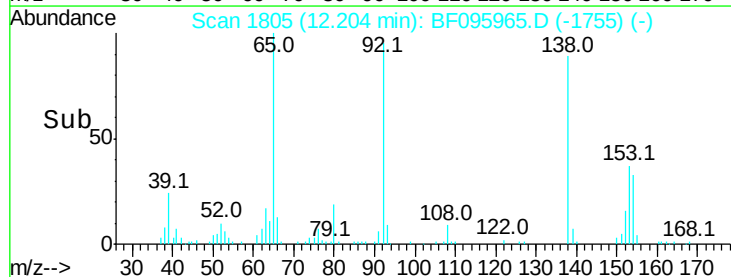
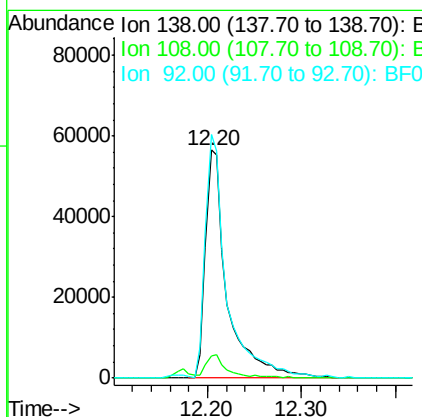
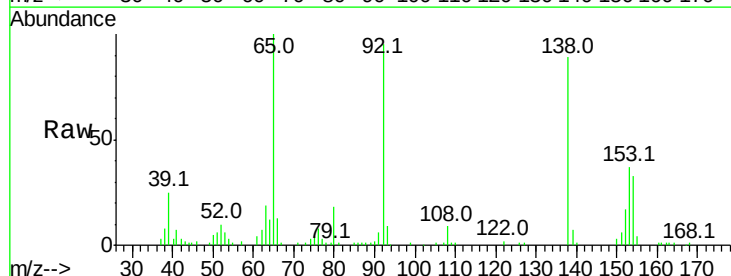
Instrument :
BNA_F
ClientSampleId :

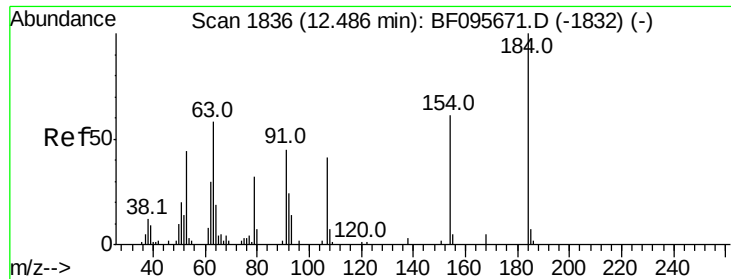
Tot Ion:154 Resp: 355259
Ion Ratio Lower Upper
154 100
153 115.6 90.5 135.7
152 53.3 43.6 65.4



#52
3-Nitroaniline
Concen: 39.85 ng
RT: 12.20 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion:138 Resp: 92643
Ion Ratio Lower Upper
138 100
108 9.6 9.1 13.7
92 106.7 93.8 140.6

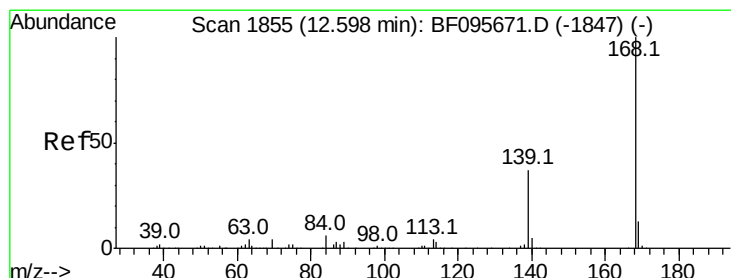
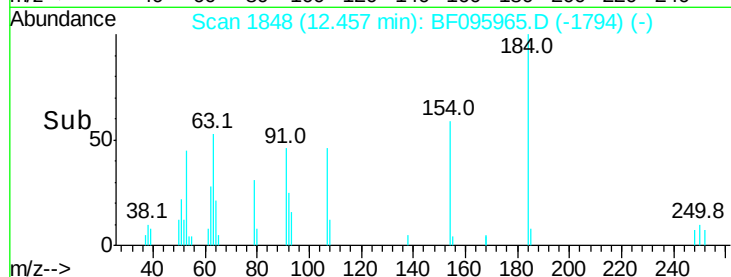
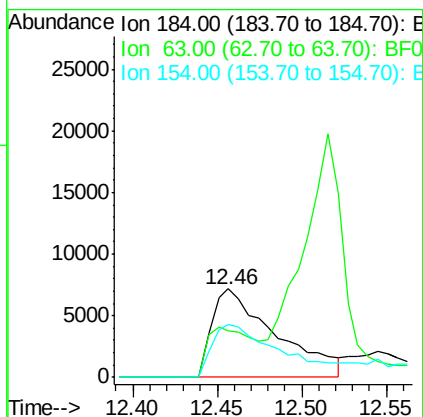
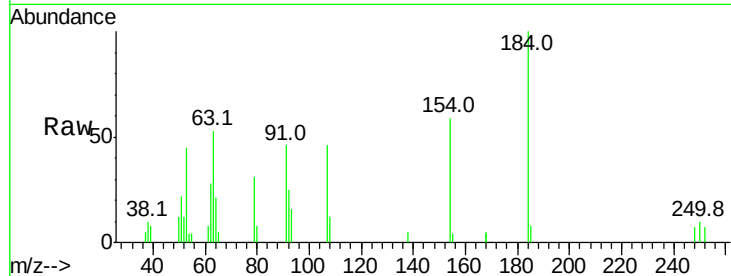




#53
2,4-Dinitrophenol
Concen: 21.87 ng
RT: 12.46 min Scan# 1848
Delta R.T. 0.02 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

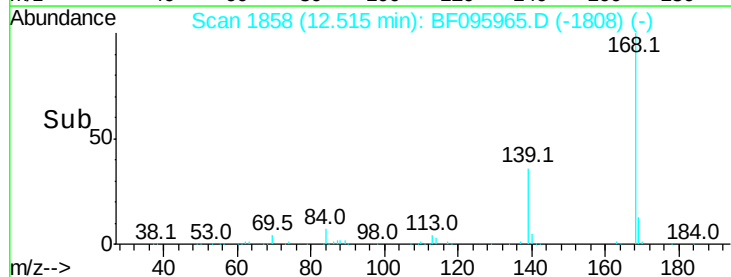
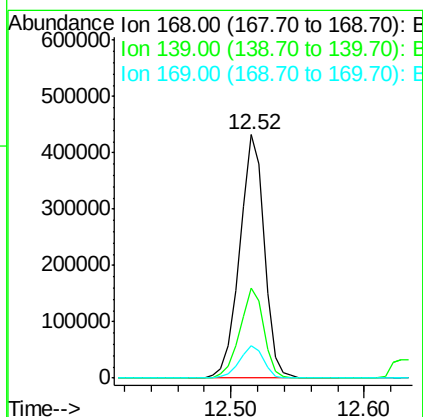
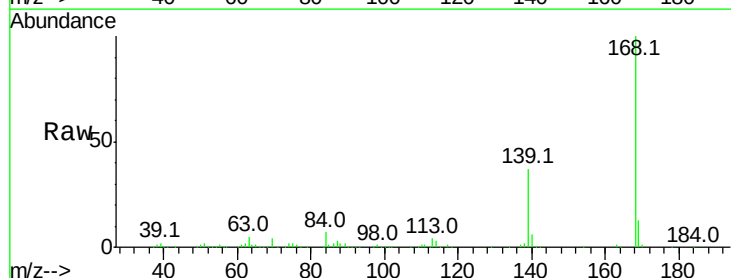
Instrument :
BNA_F
ClientSampled :

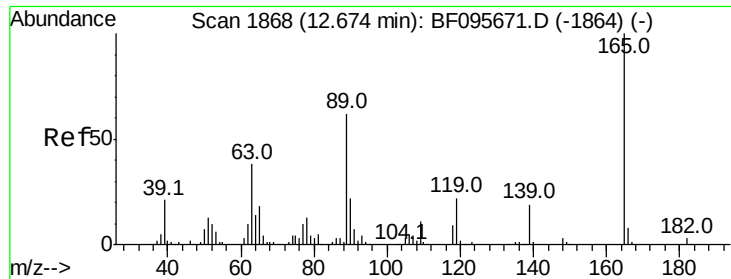
Tot Ion:184 Resp: 18926
Ion Ratio Lower Upper
184 100
63 53.1 62.7 94.1#
154 59.3 81.1 121.7#



#54
Dibenzofuran
Concen: 51.04 ng
RT: 12.52 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion:168 Resp: 550417
Ion Ratio Lower Upper
168 100
139 37.2 30.6 45.8
169 13.5 10.8 16.2

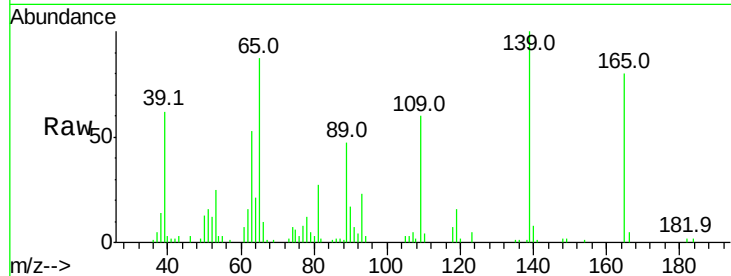




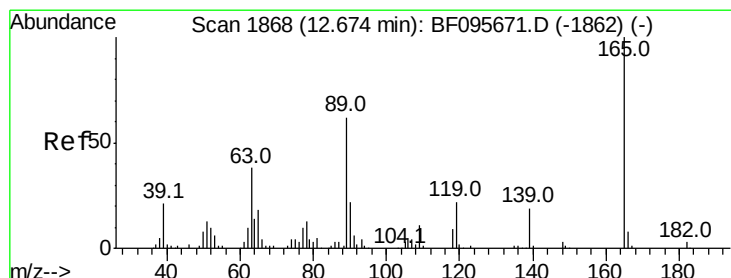
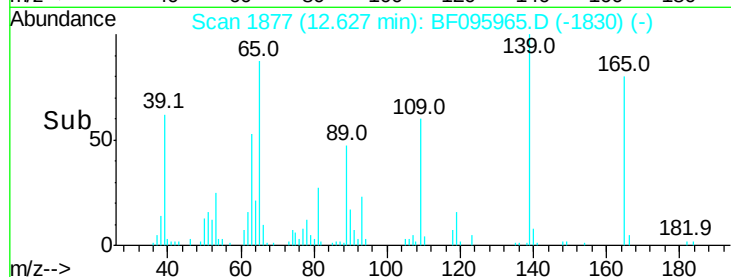
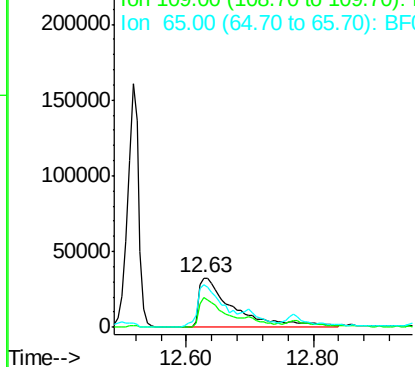
#55
4-Nitrophenol
Concen: 90.85 ng
RT: 12.63 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 124206
Ion Ratio Lower Upper
139 100
109 59.7 34.1 74.1
65 87.3 31.4 71.4#

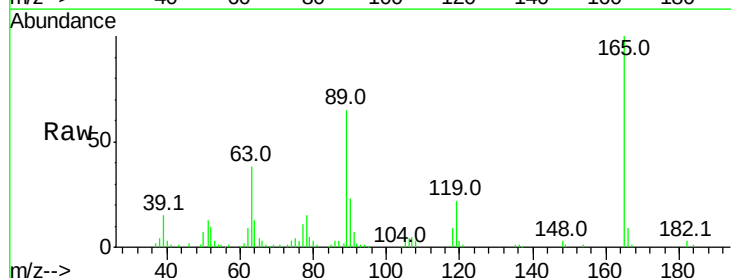


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

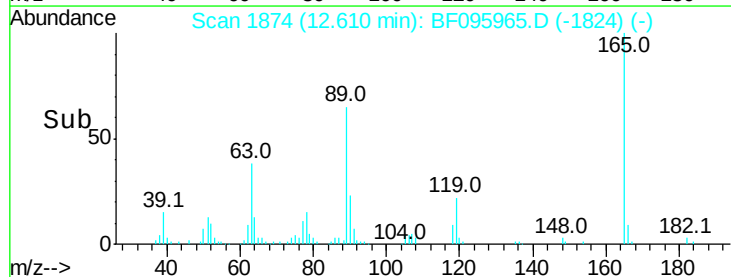
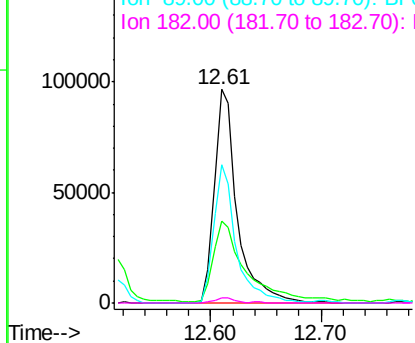


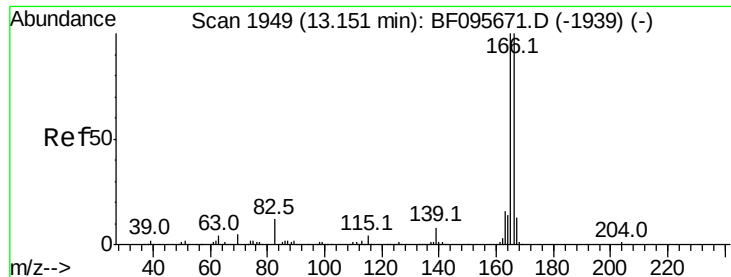
#56
2,4-Dinitrotoluene
Concen: 51.59 ng
RT: 12.61 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion:165 Resp: 139029
Ion Ratio Lower Upper
165 100
63 38.4 25.4 38.0#
89 64.6 46.4 69.6
182 2.6 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

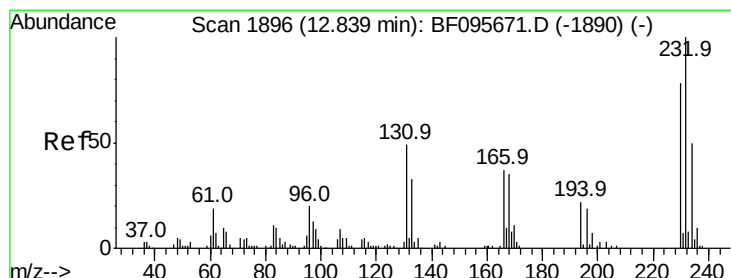
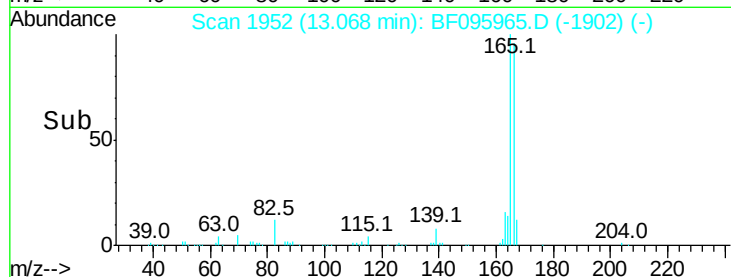
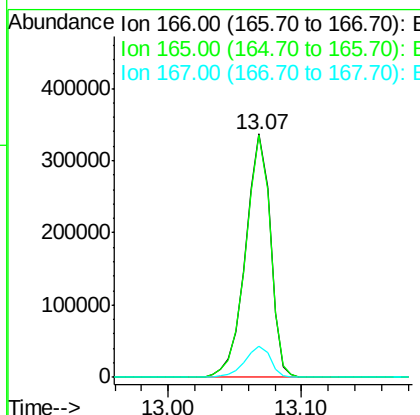
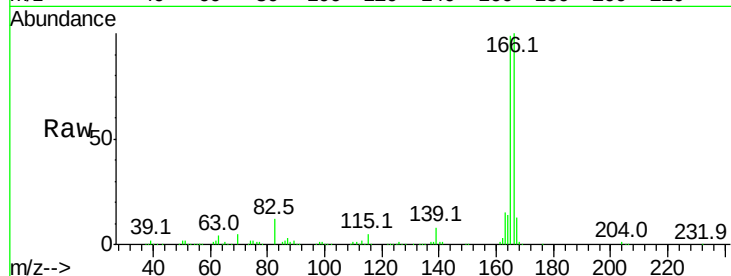




#57
 Fluorene
 Concen: 45.87 ng
 RT: 13.07 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

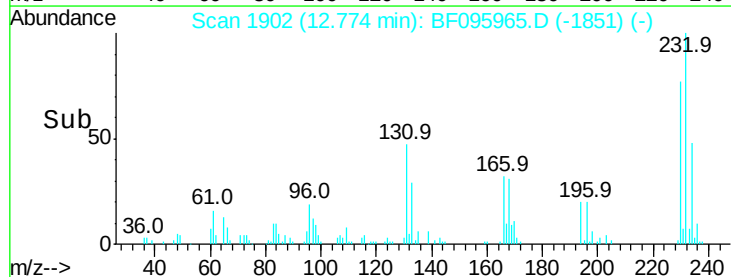
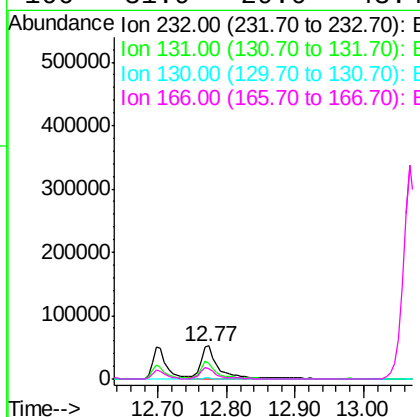
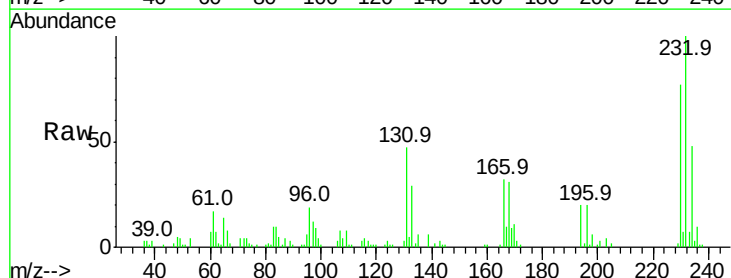
Instrument :
 BNA_F
 ClientSampleId :

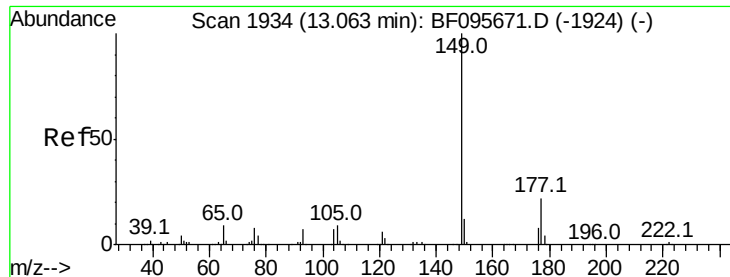
Tot Ion:166 Resp: 430485
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.8 118.2
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.16 ng
 RT: 12.77 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Tgt Ion:232 Resp: 96435
 Ion Ratio Lower Upper
 232 100
 131 48.7 44.8 67.2
 130 1.8 2.3 3.5#
 166 31.9 29.0 43.4





#59

Diethylphthalate

Concen: 49.74 ng

RT: 12.99 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

ClientSampleId :

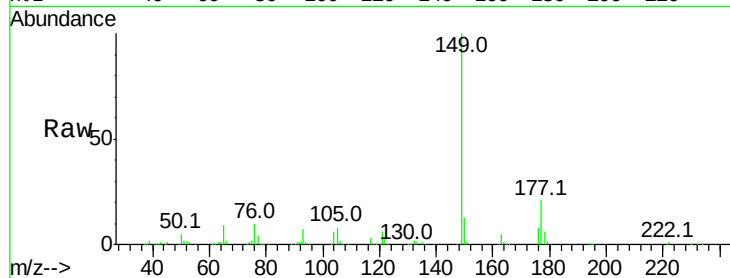
Tot Ion:149 Resp: 437907

Ion Ratio Lower Upper

149 100

177 20.6 16.7 25.1

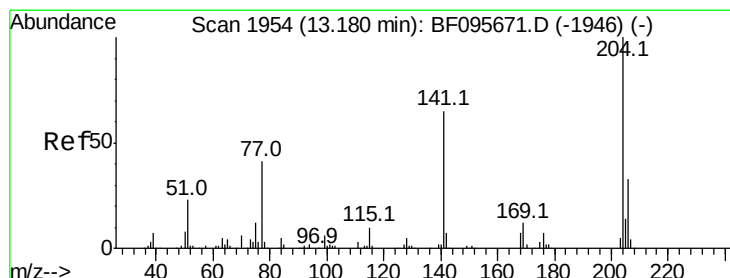
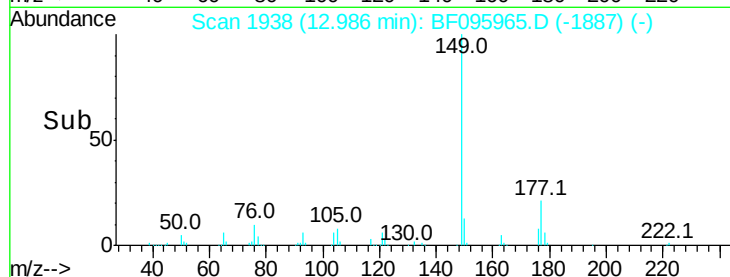
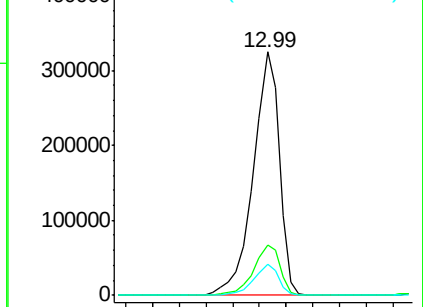
150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.06 ng

RT: 13.10 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

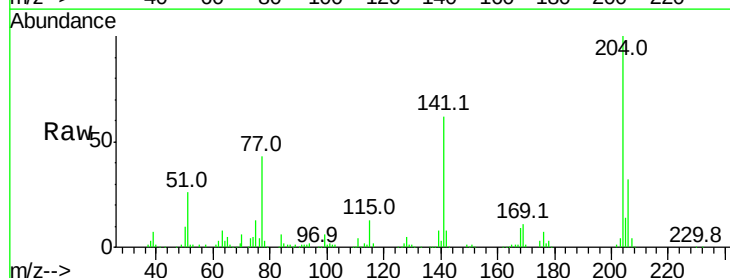
Tgt Ion:204 Resp: 192037

Ion Ratio Lower Upper

204 100

206 31.7 26.2 39.2

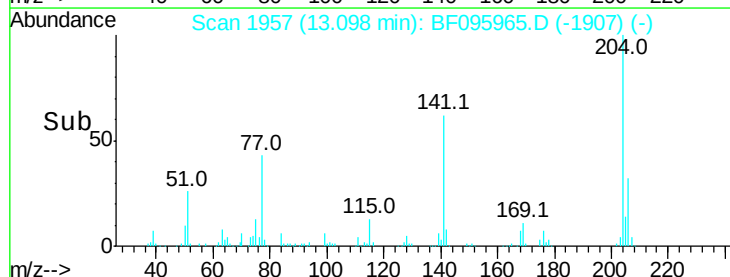
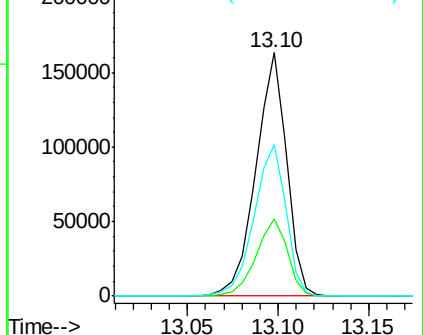
141 62.0 60.8 91.2

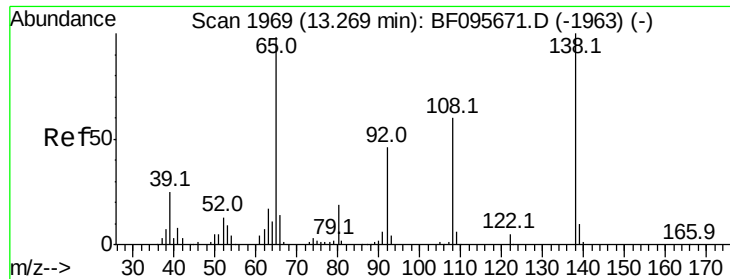


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

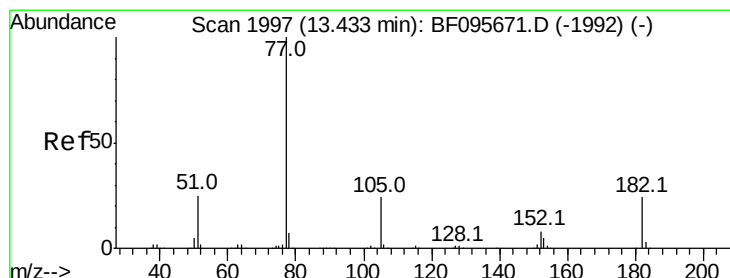
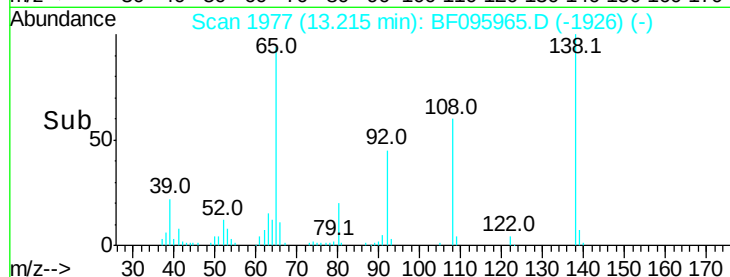
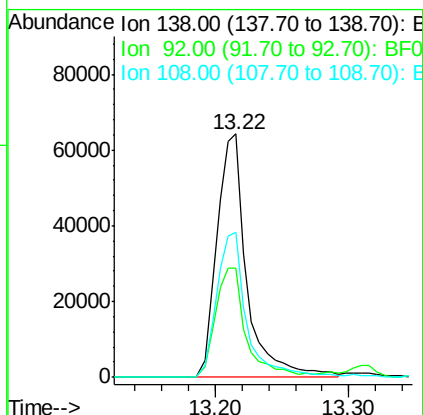
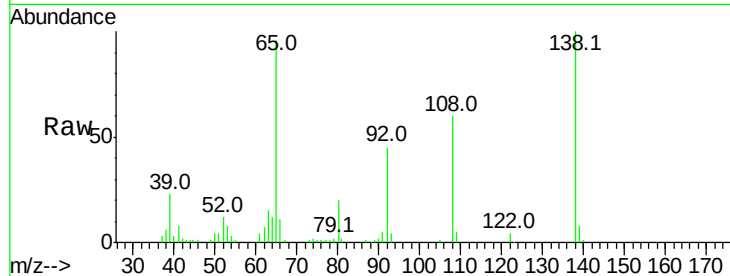




#61
4-Nitroaniline
Concen: 46.67 ng
RT: 13.22 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

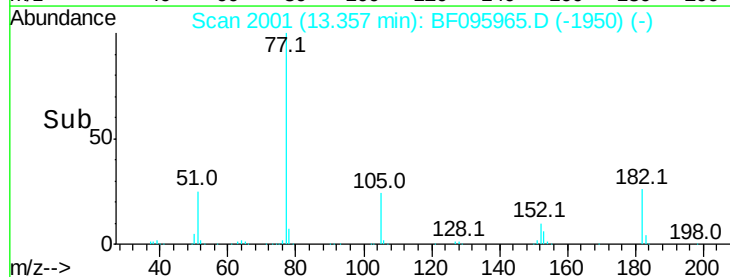
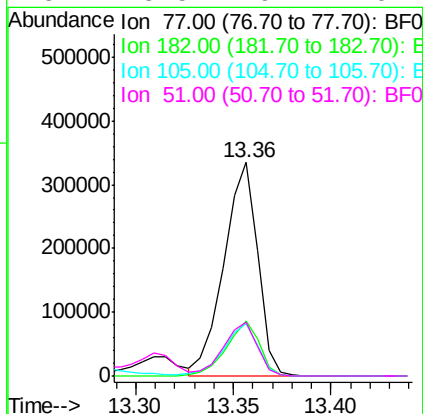
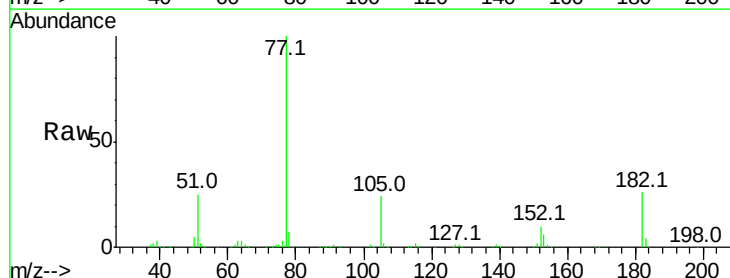
Instrument :
BNA_F
ClientSampleId :

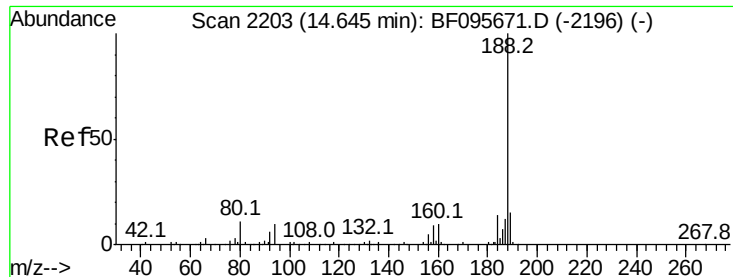
Tot Ion:138 Resp: 101295
Ion Ratio Lower Upper
138 100
92 44.9 21.8 61.8
108 59.8 42.3 82.3



#62
Azobenzene
Concen: 50.29 ng
RT: 13.36 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion: 77 Resp: 401250
Ion Ratio Lower Upper
77 100
182 25.9 0.1 40.1
105 24.4 3.6 43.6
51 25.5 9.4 49.4

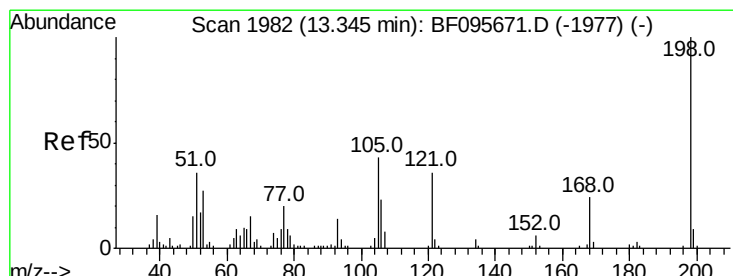
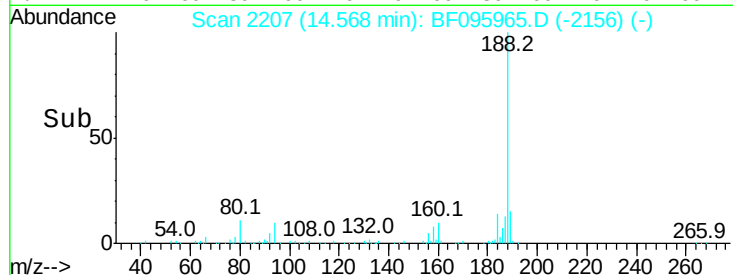
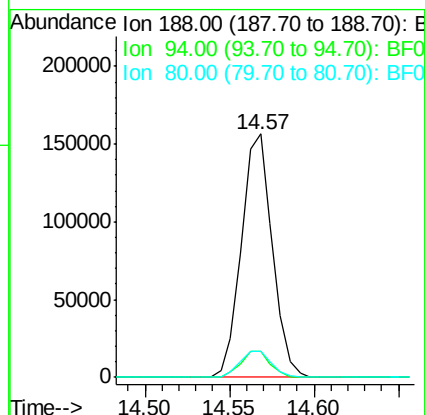
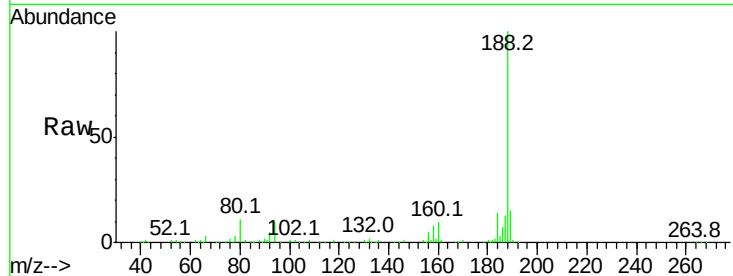




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

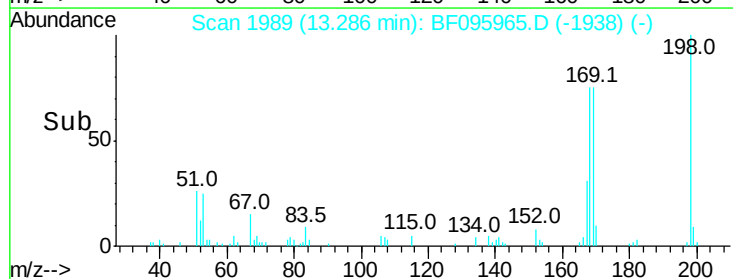
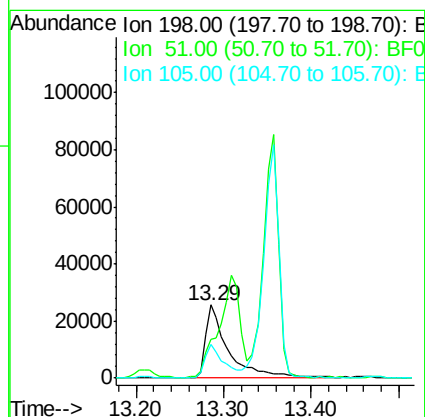
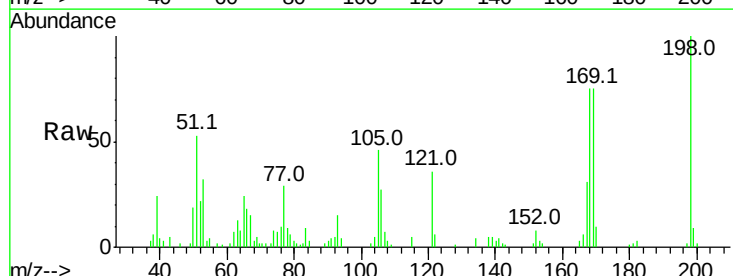
Instrument :
BNA_F
ClientSampleId :

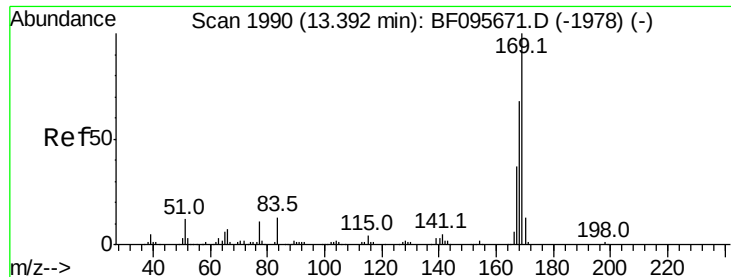
Tot Ion:188 Resp: 199108
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.9 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 35.98 ng
RT: 13.29 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion:198 Resp: 47089
Ion Ratio Lower Upper
198 100
51 53.4 53.2 93.2
105 46.0 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 52.41 ng

RT: 13.32 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

ClientSampleId :

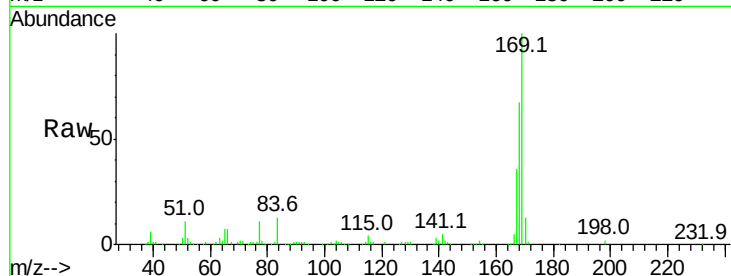
Tot Ion:169 Resp: 374982

Ion Ratio Lower Upper

169 100

168 67.0 53.2 79.8

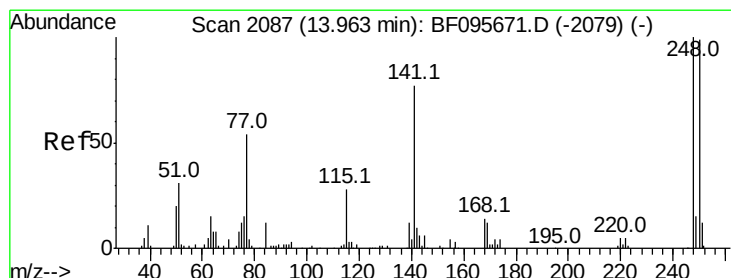
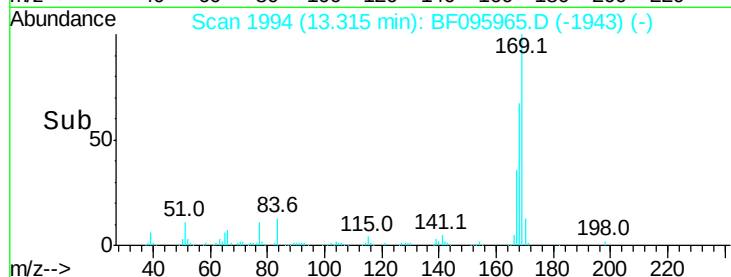
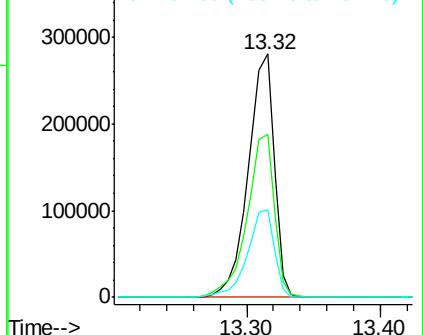
167 36.0 29.5 44.3



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: 52.28 ng

RT: 13.87 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

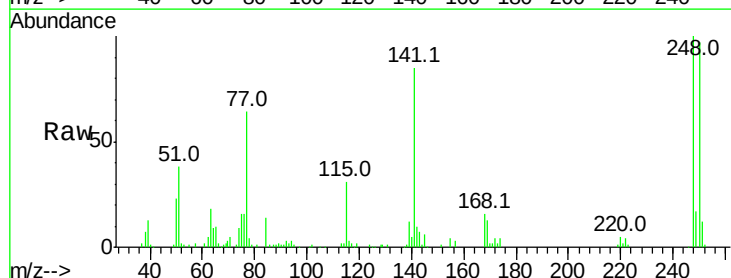
Tgt Ion:248 Resp: 108186

Ion Ratio Lower Upper

248 100

250 97.1 76.8 115.2

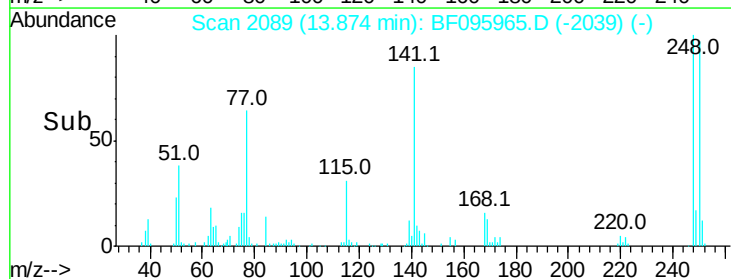
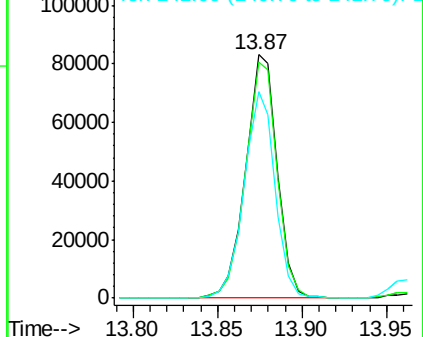
141 84.6 68.6 103.0

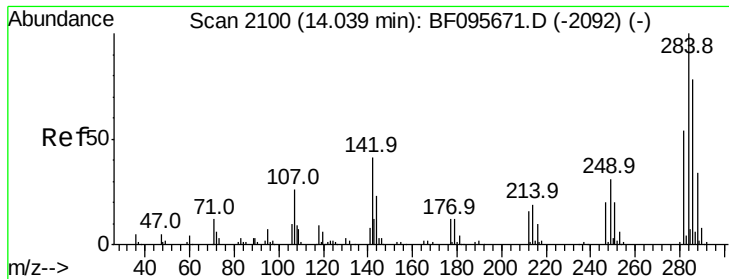


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

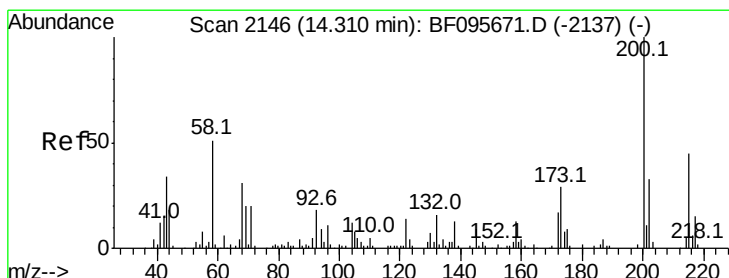
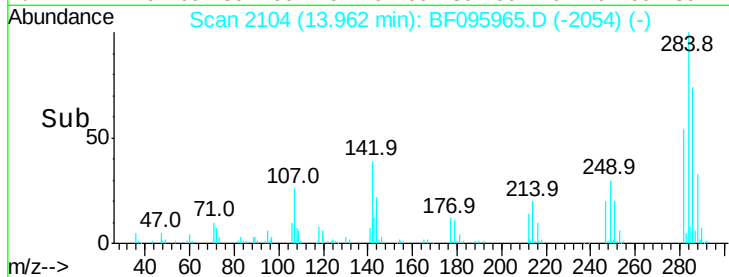
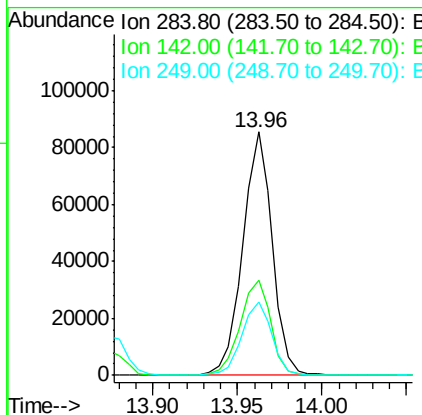
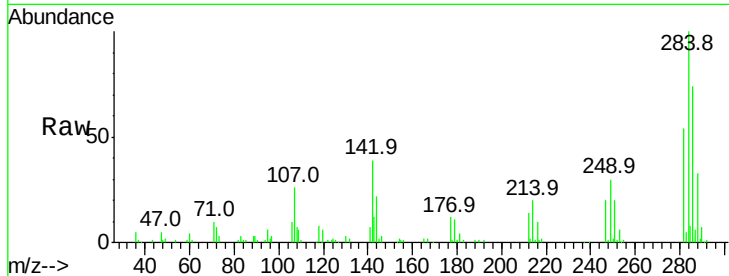




#67
Hexachlorobenzene
Concen: 50.99 ng
RT: 13.96 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

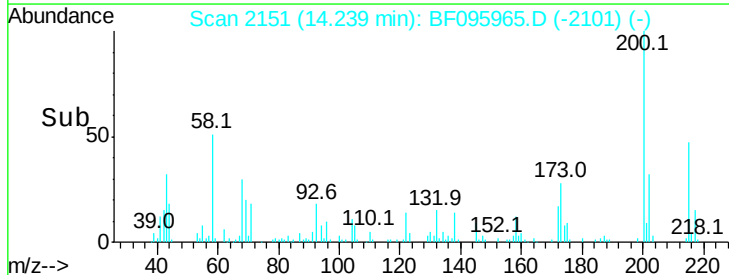
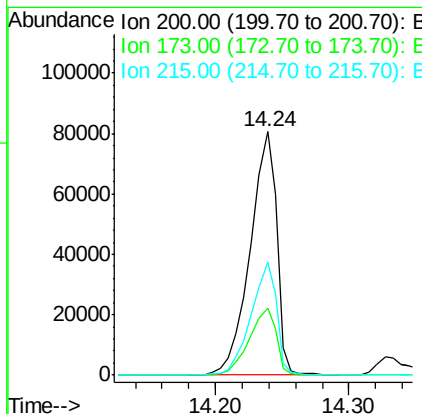
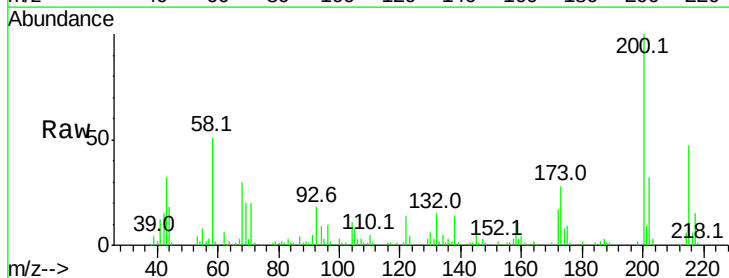
Instrument :
BNA_F
ClientSampled :

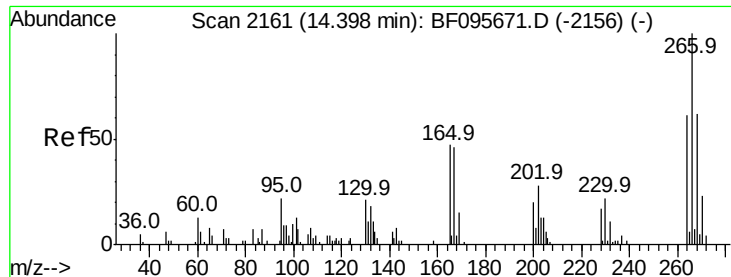
Tot Ion:284 Resp: 103971
Ion Ratio Lower Upper
284 100
142 39.1 22.8 34.2#
249 30.1 24.0 36.0



#68
Atrazine
Concen: 55.23 ng
RT: 14.24 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion:200 Resp: 109970
Ion Ratio Lower Upper
200 100
173 27.6 6.3 46.3
215 46.5 27.2 67.2

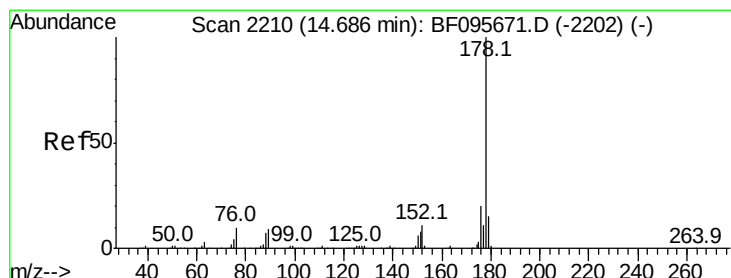
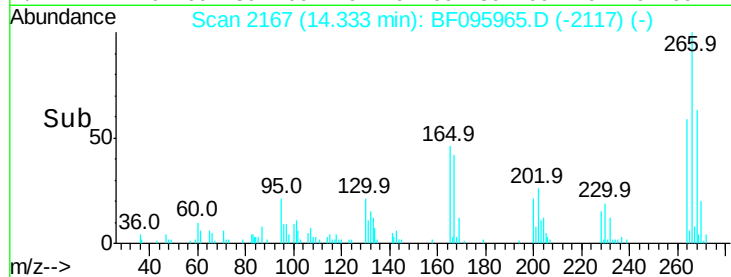
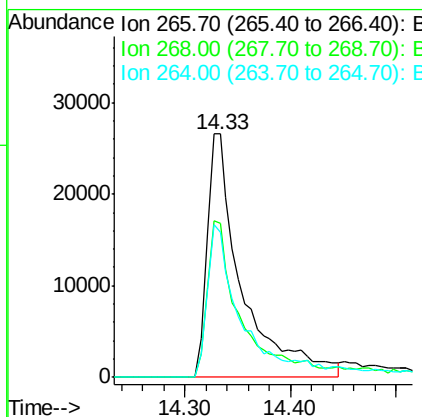
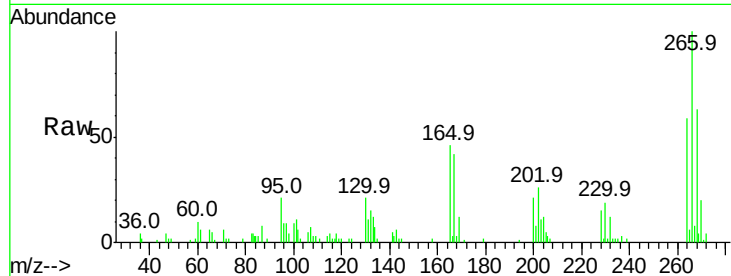




#69
 Pentachlorophenol
 Concen: 79.06 ng
 RT: 14.33 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

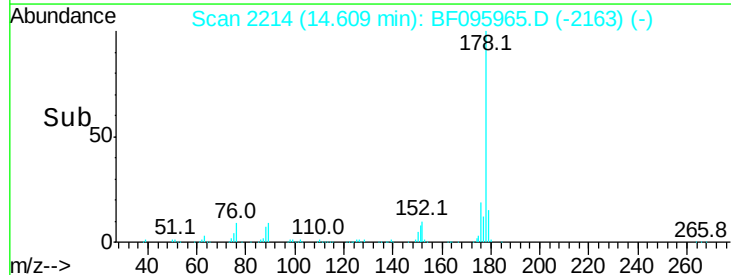
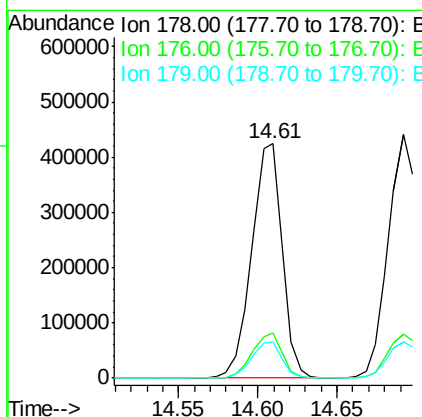
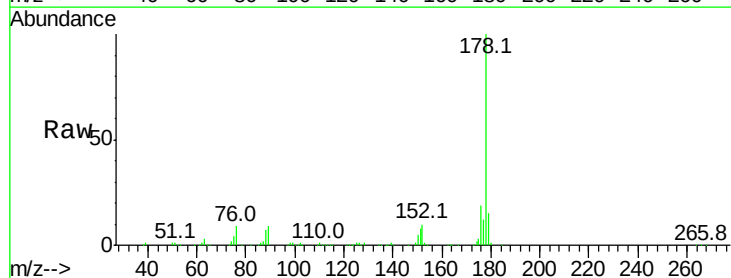
Instrument :
 BNA_F
 ClientSampleId :

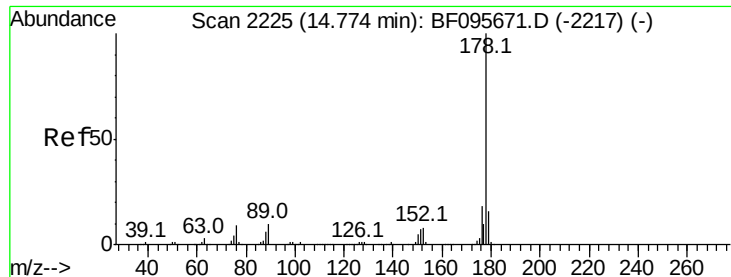
Tot Ion:266 Resp: 61059
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.1 76.7
 264 59.5 51.7 77.5



#70
 Phenanthrene
 Concen: 49.58 ng
 RT: 14.61 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Tgt Ion:178 Resp: 569641
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.4 12.6 19.0

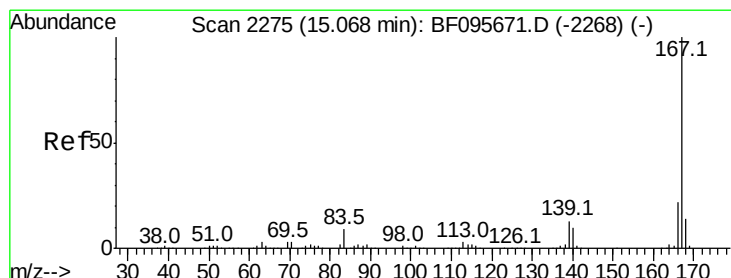
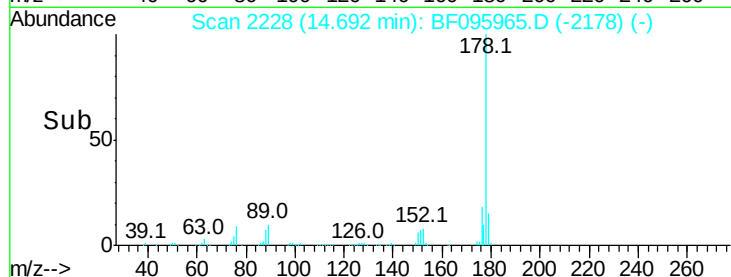
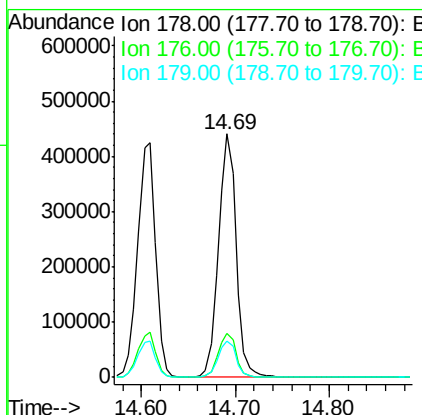
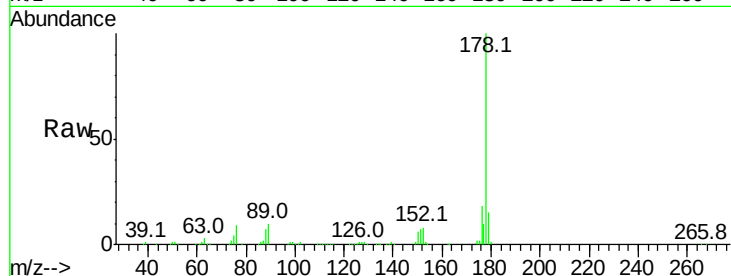




#71
 Anthracene
 Concen: 48.59 ng
 RT: 14.69 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

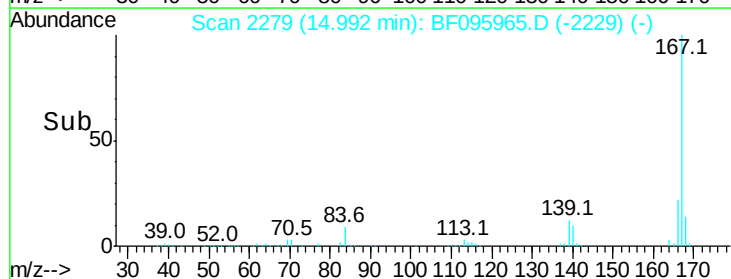
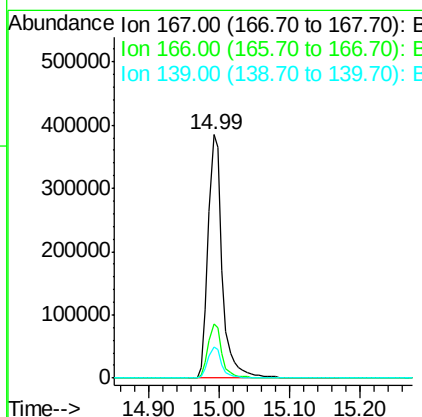
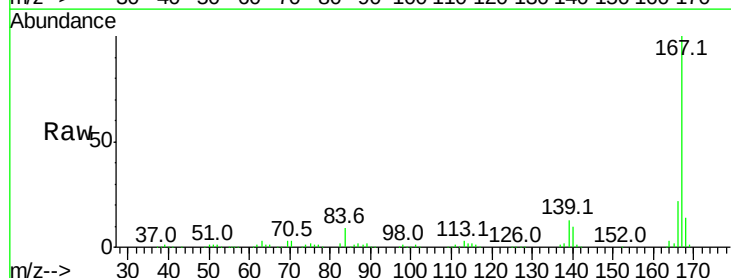
Instrument :
 BNA_F
 ClientSampled :

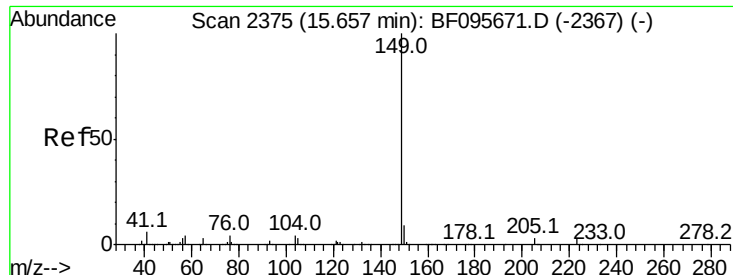
Tot Ion:178 Resp: 582747
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.8 23.8
 179 14.9 12.7 19.1



#72
 Carbazole
 Concen: 45.96 ng
 RT: 14.99 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Tgt Ion:167 Resp: 537182
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 12.8 11.7 17.5

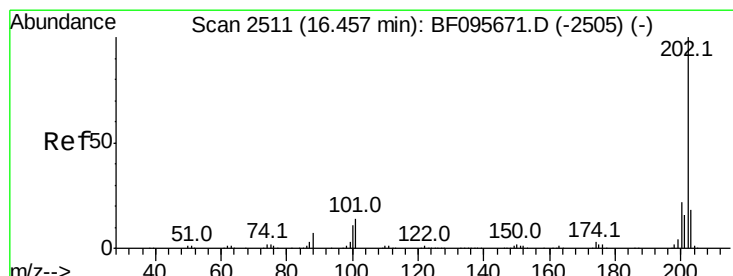
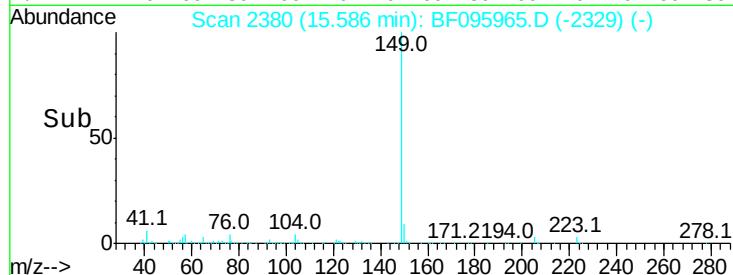
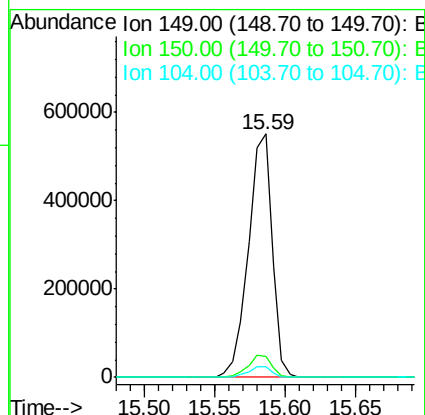
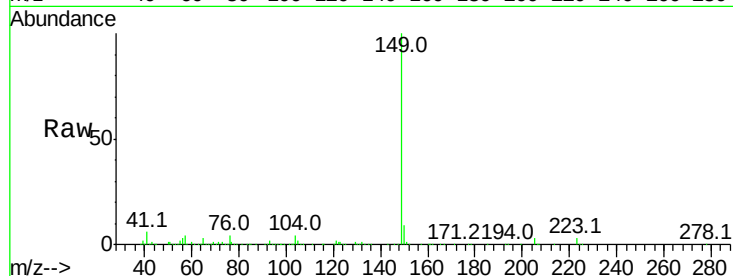




#73
Di-n-butylphthalate
Concen: 52.53 ng
RT: 15.59 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

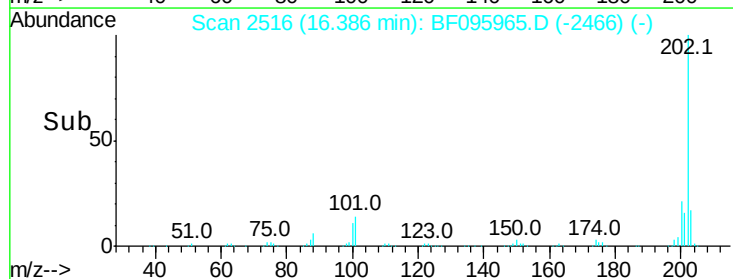
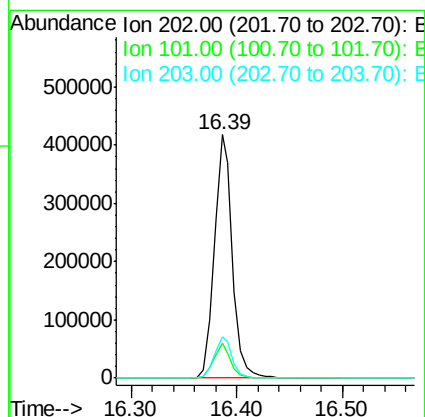
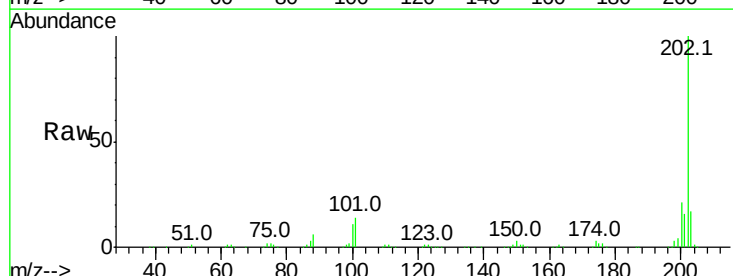
Instrument :
BNA_F
ClientSampleId :

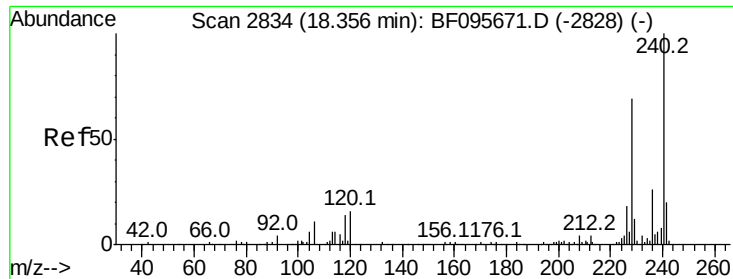
Tot Ion:149 Resp: 653241
Ion Ratio Lower Upper
149 100
150 8.8 7.7 11.5
104 4.1 4.0 6.0



#74
Fluoranthene
Concen: 43.88 ng
RT: 16.39 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion:202 Resp: 498950
Ion Ratio Lower Upper
202 100
101 14.1 0.0 33.2
203 17.0 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: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

ClientSampleId :

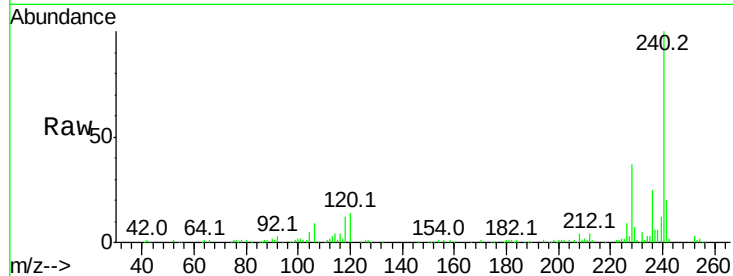
Tot Ion:240 Resp: 128555

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

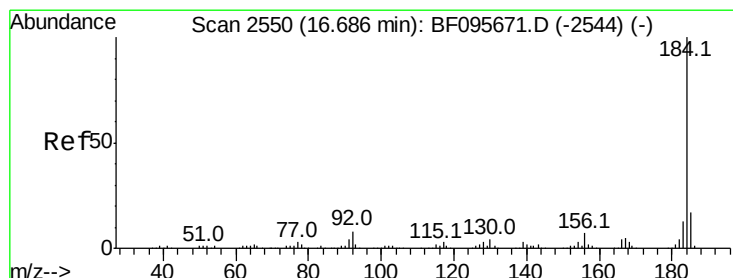
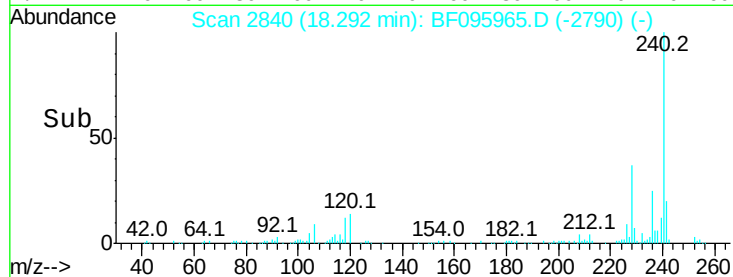
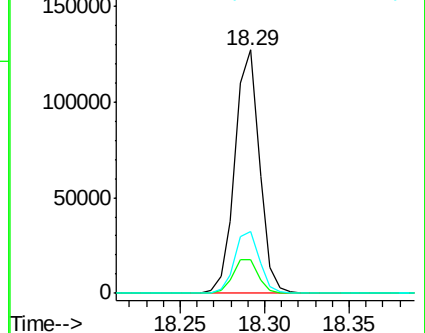
236 25.5 20.5 30.7



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: 56.68 ng

RT: 16.62 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

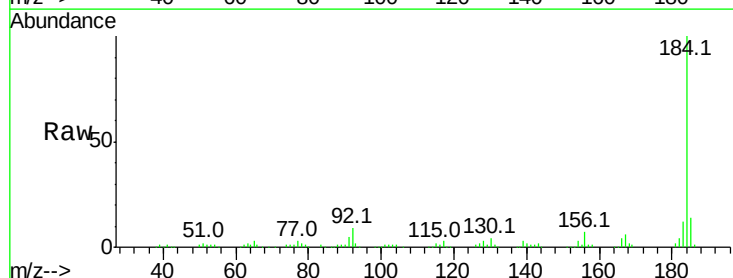
Tgt Ion:184 Resp: 279840

Ion Ratio Lower Upper

184 100

185 13.9 15.5 23.3#

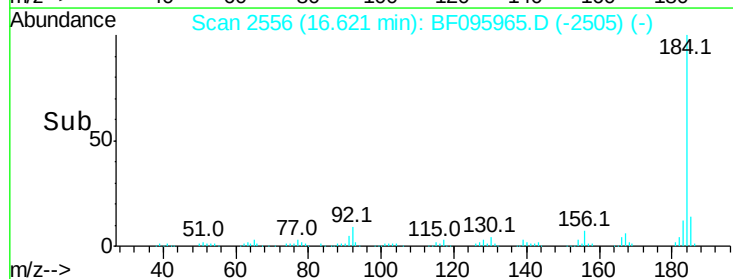
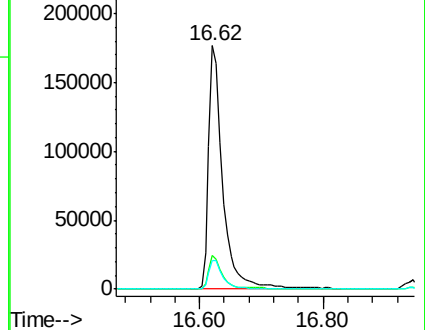
183 11.9 9.8 14.6

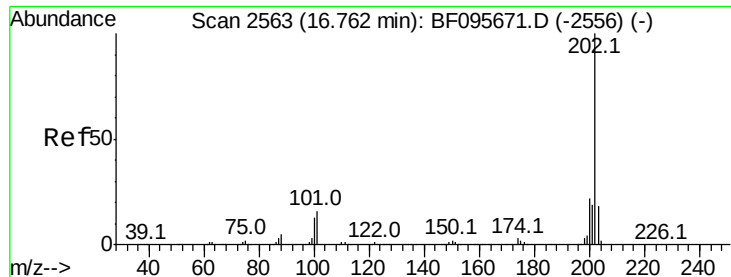


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

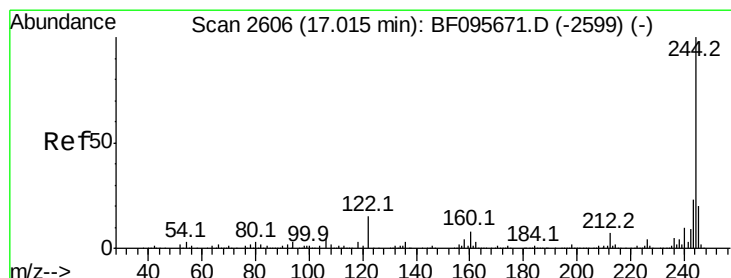
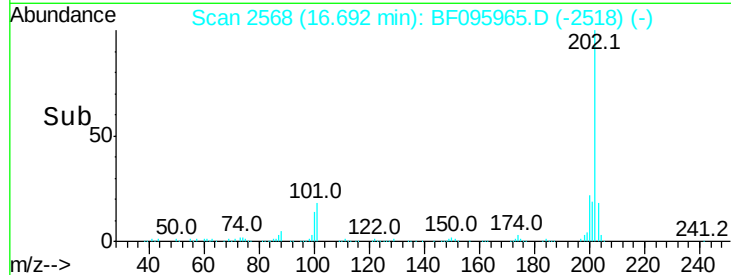
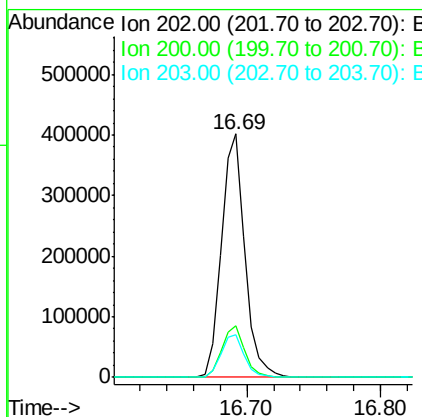
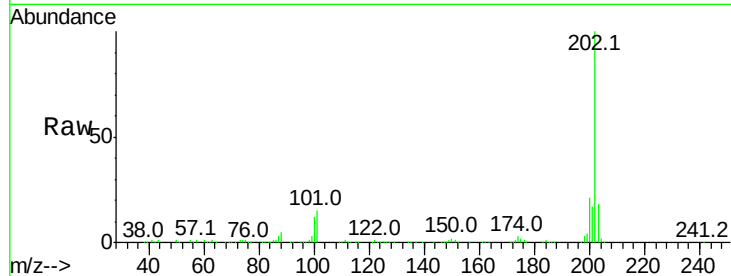




#77
 Pvrene
 Concen: 51.53 ng
 RT: 16.69 min Scan# 2568
 Delta R.T. -0.01 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

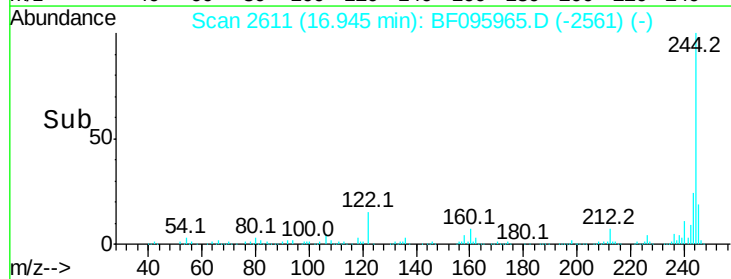
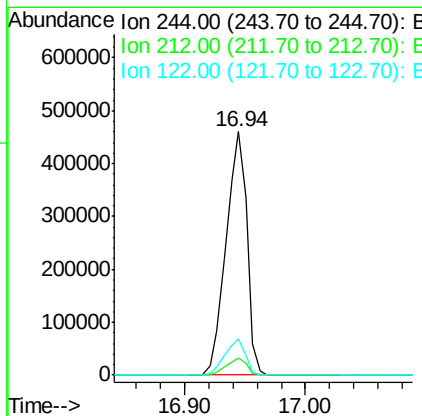
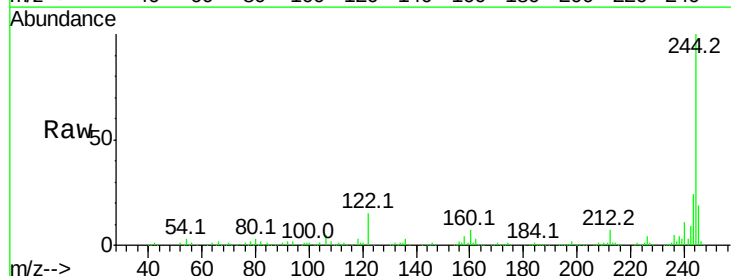
Instrument :
 BNA_F
 ClientSampleId :

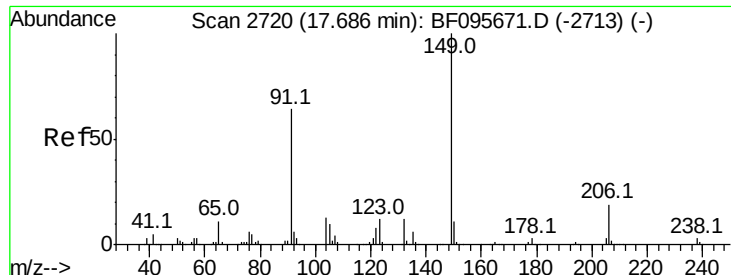
Tot Ion:202 Resp: 494257
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.6 26.4
 203 17.7 14.4 21.6



#78
 Terphenyl-d14
 Concen: 106.18 ng
 RT: 16.94 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Tgt Ion:244 Resp: 550012
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.7 10.3 15.5

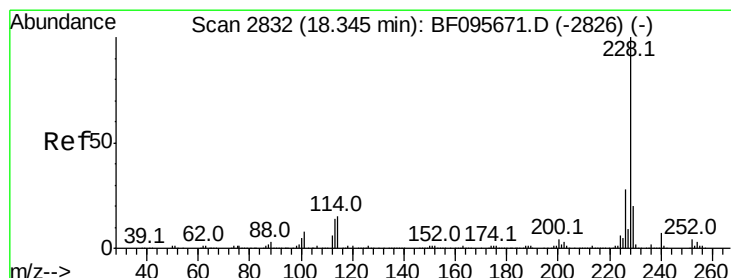
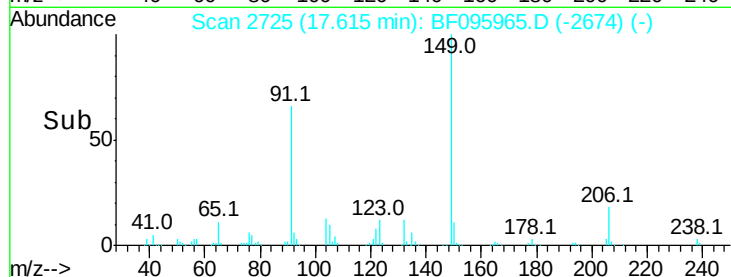
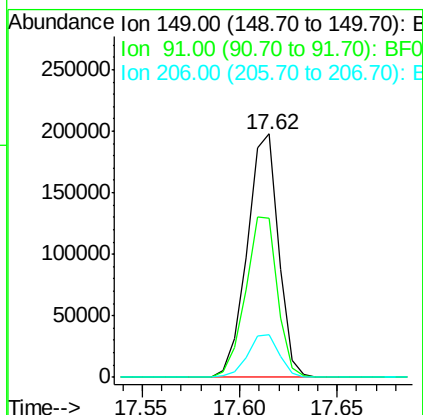
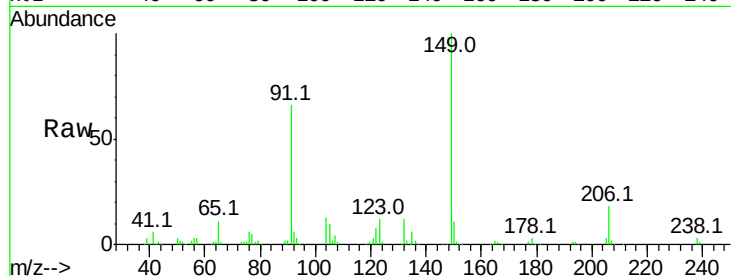




#79
Butylbenzylphthalate
Concen: 52.56 ng
RT: 17.62 min Scan# 2725
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

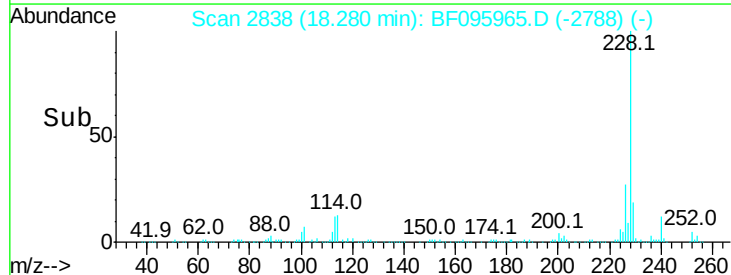
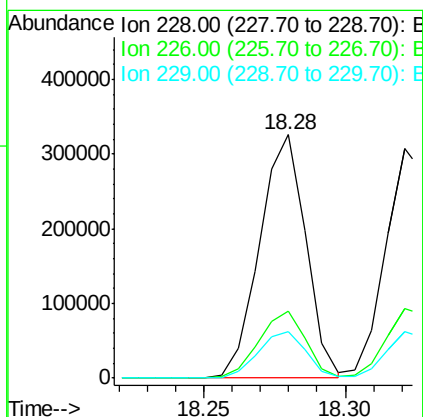
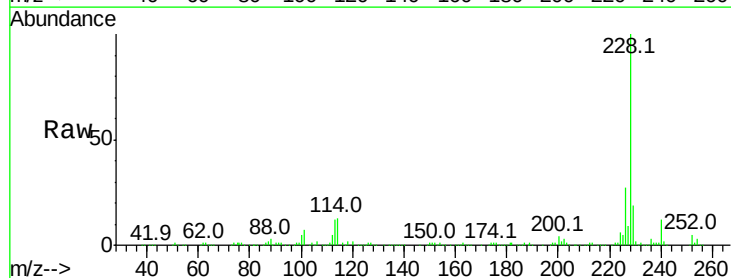
Instrument :
BNA_F
ClientSampled :

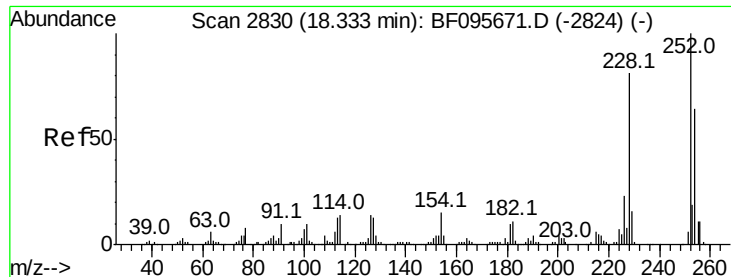
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.6	45.0	67.4
206	17.7	17.0	25.6



#80
Benzo(a)anthracene
Concen: 49.27 ng
RT: 18.28 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.3	16.3	24.5

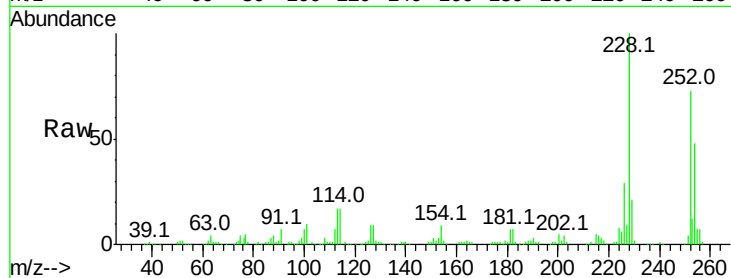




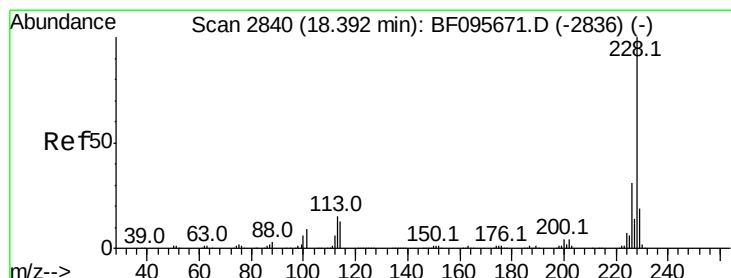
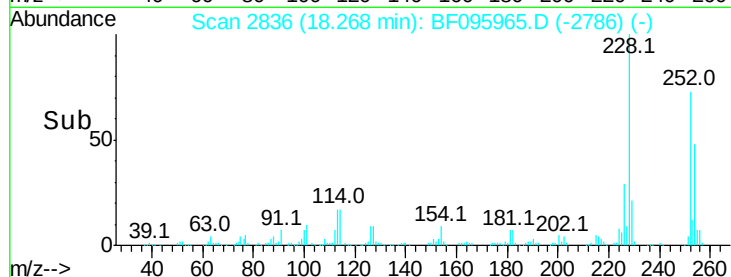
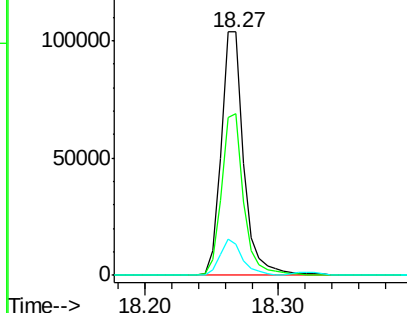
#81
 3,3'-Dichlorobenzidine
 Concen: 46.88 ng
 RT: 18.27 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 124565
 Ion Ratio Lower Upper
 252 100
 254 66.5 51.5 77.3
 126 12.9 15.8 23.8#

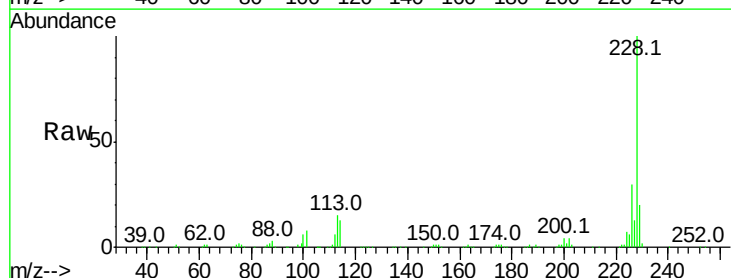


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

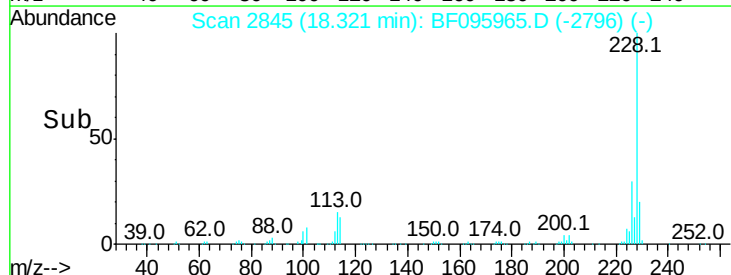
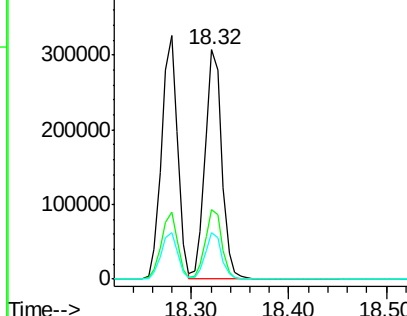


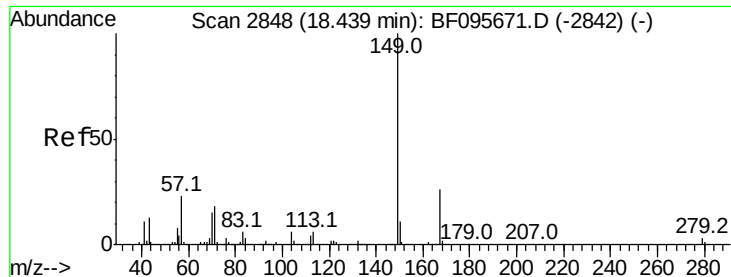
#82
 Chrysene
 Concen: 49.02 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Tgt Ion:228 Resp: 366128
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.9 37.3
 229 20.0 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: 50.22 ng

RT: 18.36 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

ClientSampleId :

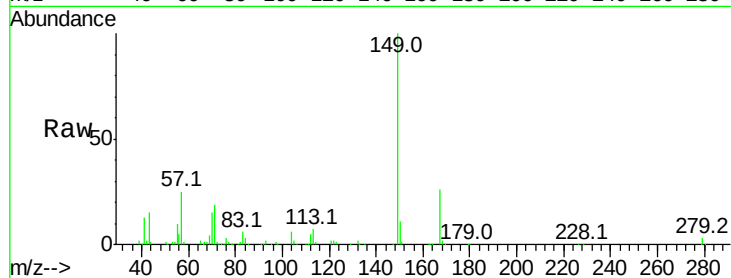
Tot Ion:149 Resp: 296766

Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

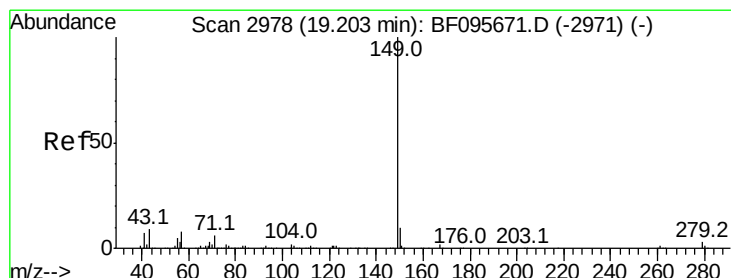
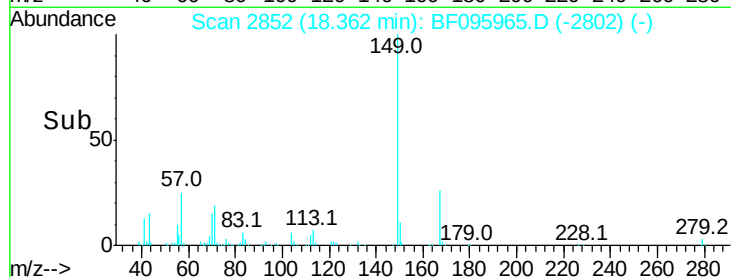
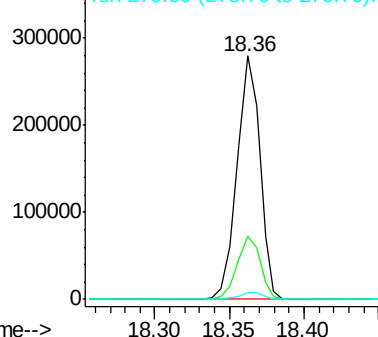
279 2.8 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.41 ng

RT: 19.13 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

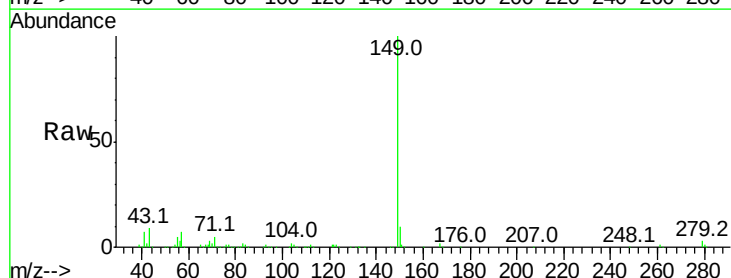
Tgt Ion:149 Resp: 481158

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

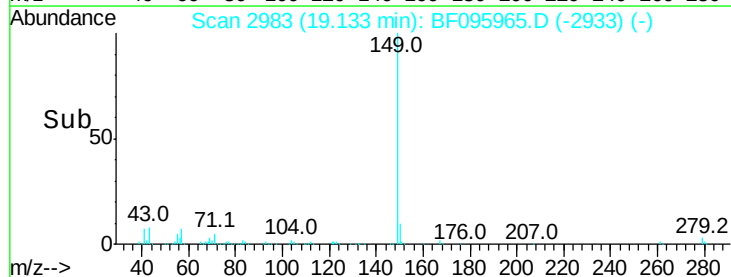
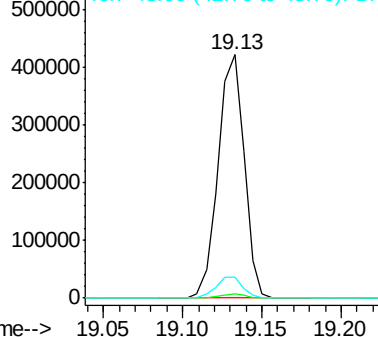
43 9.1 8.5 12.7

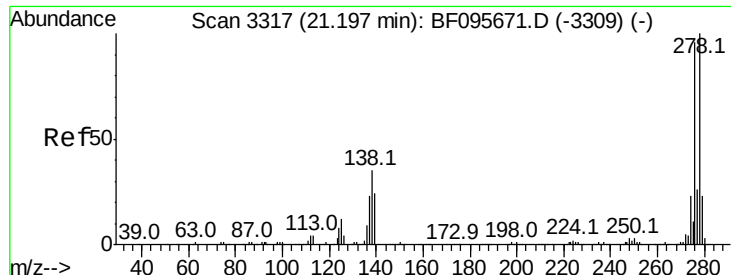


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

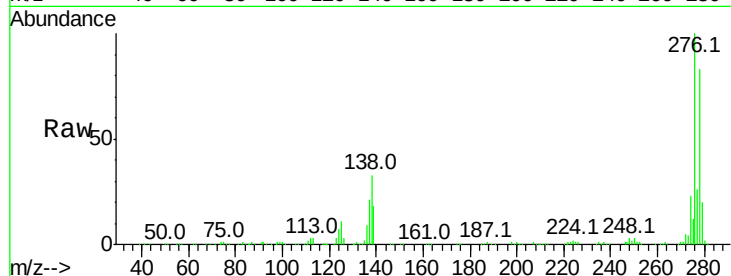




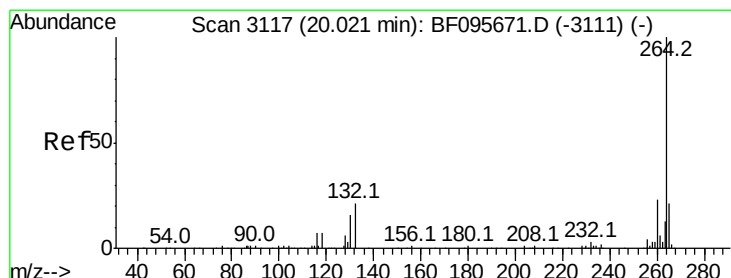
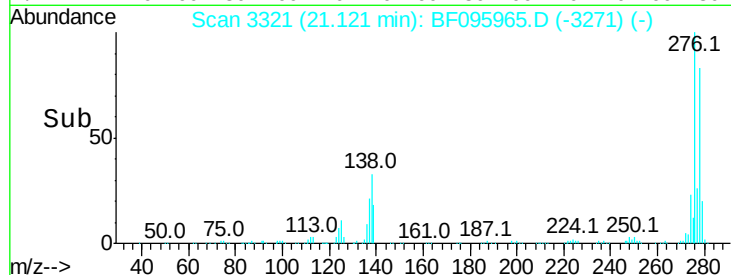
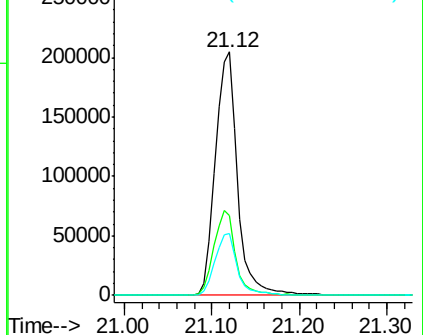
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.29 ng
 RT: 21.12 min Scan# 3321
 Delta R.T. -0.01 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.8	41.6
277	25.6	20.2	30.4

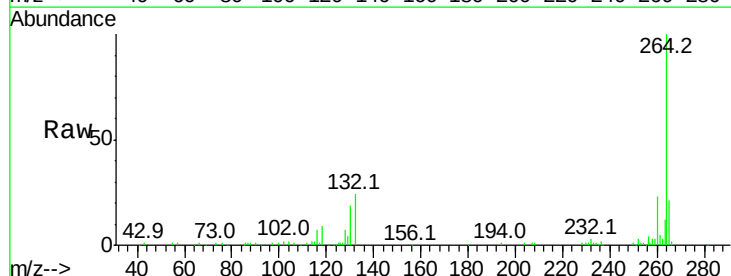


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

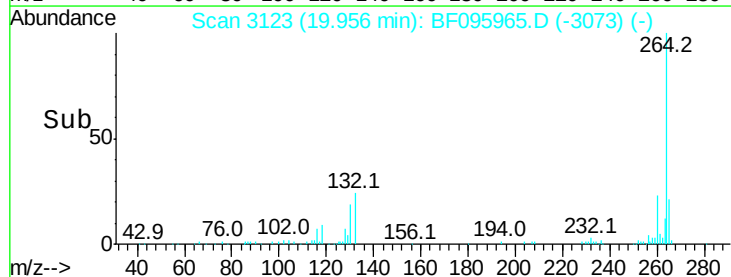
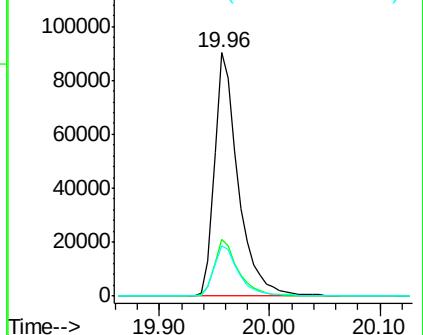


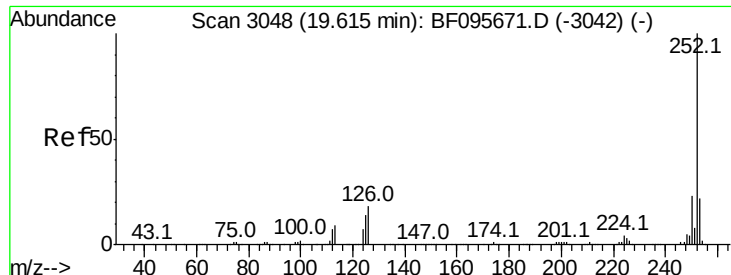
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.7	17.2	25.8



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

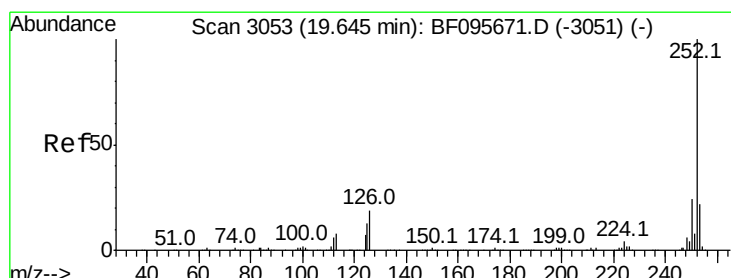
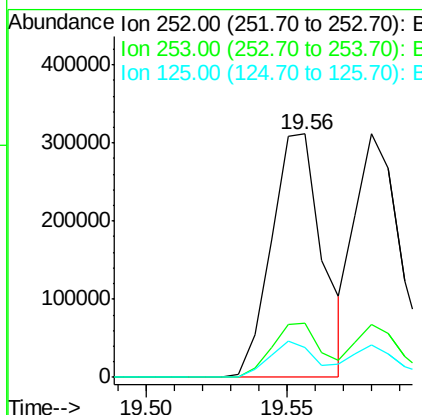
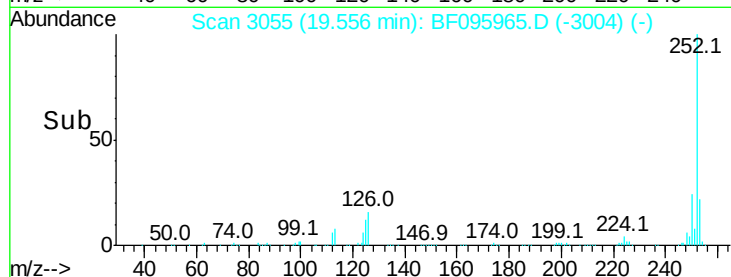
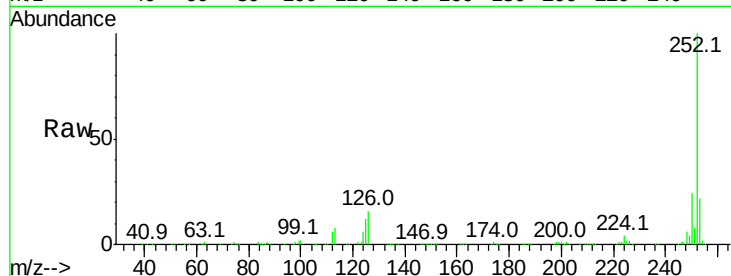




#87
Benzo(b)fluoranthene
Concen: 46.69 ng
RT: 19.56 min Scan# 3055
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

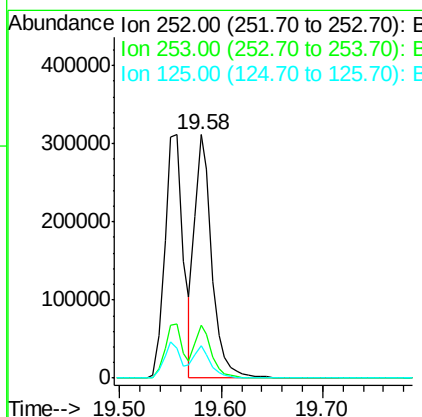
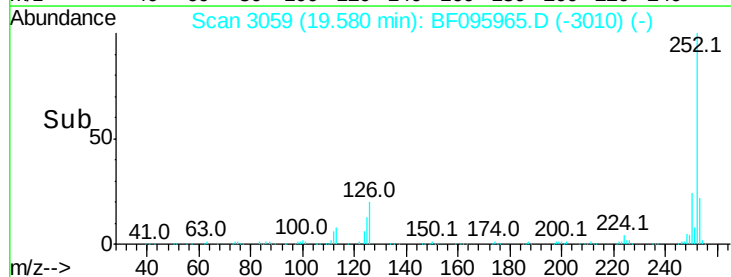
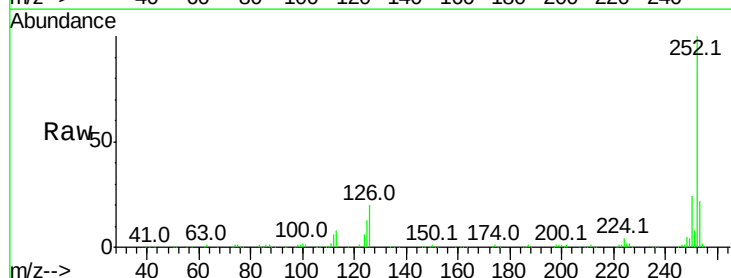
Instrument :
BNA_F
ClientSampleId :

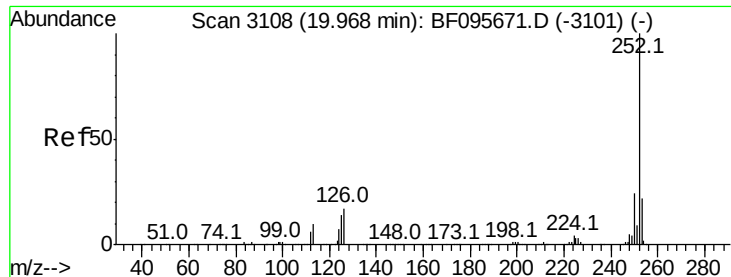
Tot Ion:252 Resp: 390778
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 12.3 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 45.38 ng
RT: 19.58 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion:252 Resp: 363052
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 13.4 13.1 19.7





#89

Benzo(a)pyrene

Concen: 48.57 ng

RT: 19.90 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

ClientSampleId :

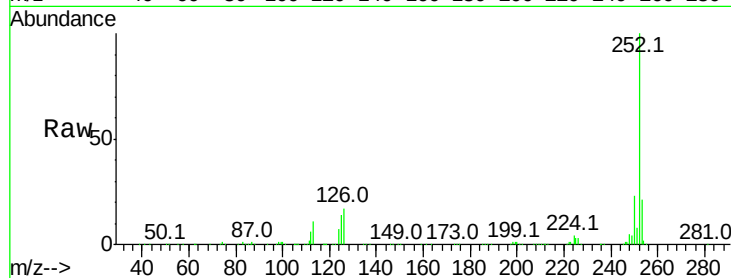
Tot Ion:252 Resp: 373647

Ion Ratio Lower Upper

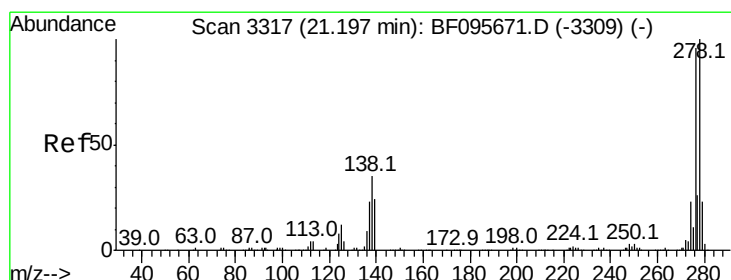
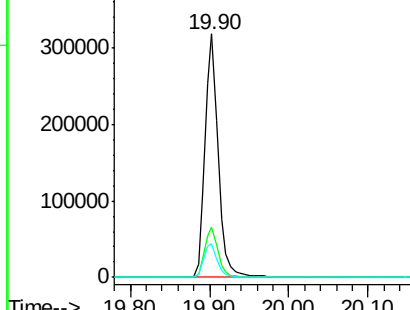
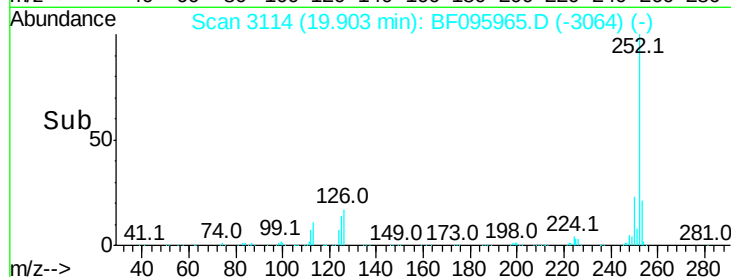
252 100

253 20.7 17.5 26.3

125 13.9 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.40 ng

RT: 21.11 min Scan# 3320

Delta R.T. -0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

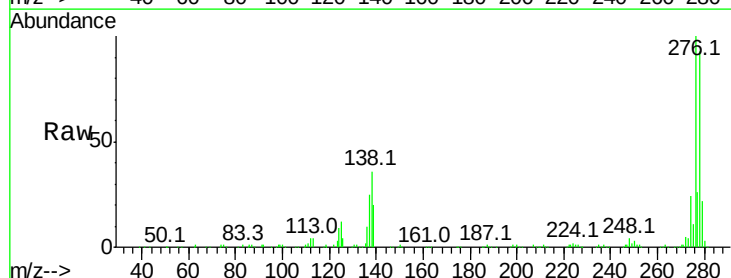
Tgt Ion:278 Resp: 309271

Ion Ratio Lower Upper

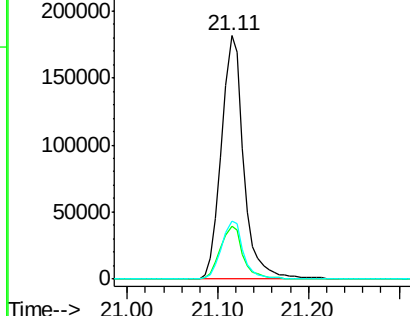
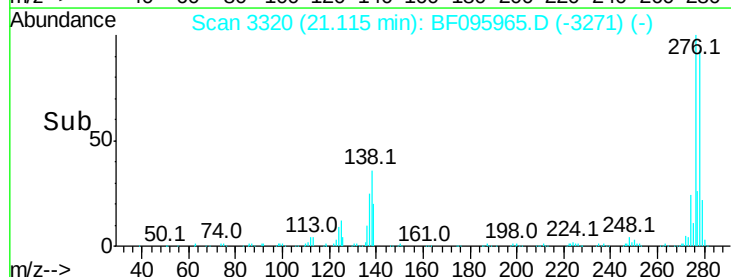
278 100

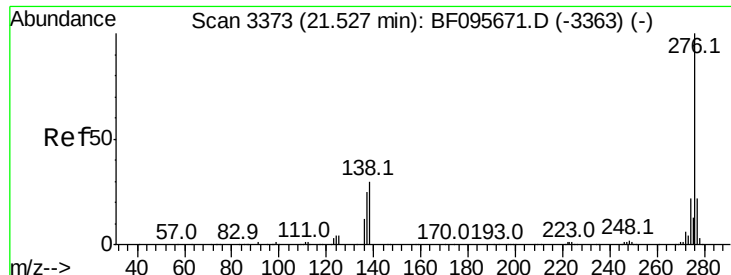
139 22.0 16.6 24.8

279 23.7 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.29 ng

RT: 21.44 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

ClientSampleId :

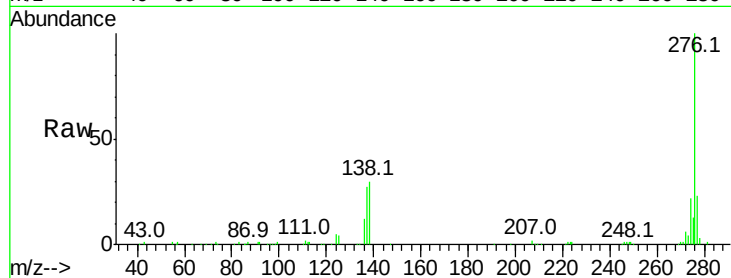
Tot Ion:276 Resp: 294634

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 29.7 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

