

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096658.D
 Acq On : 11 Jul 2017 21:43
 Operator : SJ/JU
 Sample : I4120-05MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMSD

Quant Time: Jul 12 01:14:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	93929	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	384346	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	157430	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	227310	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	163195	20.00	ng	-0.02
86) Perylene-d12	15.22	264	192582	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	769797	120.96	ng	0.00
7) Phenol-d6	6.33	99	871687	111.42	ng	-0.01
23) Nitrobenzene-d5	7.25	82	583161	91.17	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	166232	135.18	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	969360	105.28	ng	-0.02
78) Terphenyl-d14	12.78	244	608362	79.66	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	112089	37.145	ng	# 63
3) Pyridine	3.15	79	213780	25.820	ng	# 63
4) n-Nitrosodimethylamine	3.08	42	177311	43.388	ng	82
6) Aniline	6.35	93	89006	8.802	ng	# 1
8) 2-Chlorophenol	6.48	128	296050	43.624	ng	99
9) Benzaldehyde	6.23	77	127243	25.988	ng	97
10) Phenol	6.35	94	320007	35.904	ng	96
11) bis(2-Chloroethyl)ether	6.43	93	295351	42.879	ng	91
12) 1,3-Dichlorobenzene	6.63	146	315495	44.338	ng	97
13) 1,4-Dichlorobenzene	6.70	146	314959	44.284	ng	95
14) 1,2-Dichlorobenzene	6.86	146	291898	44.700	ng	98
15) Benzyl Alcohol	6.83	79	237560	45.425	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	615356	43.945	ng	93
17) 2-Methylphenol	6.95	107	234810	43.416	ng	96
18) Hexachloroethane	7.20	117	109922	42.631	ng	# 80
19) n-Nitroso-di-n-propylamine	7.11	70	198609	42.613	ng	# 85
20) 3+4-Methylphenols	7.10	107	275708	45.705	ng	98
22) Acetophenone	7.10	105	398180	47.413	ng	96
24) Nitrobenzene	7.27	77	295837	44.090	ng	94
25) Isophorone	7.51	82	538183	43.397	ng	97
26) 2-Nitrophenol	7.59	139	160694	45.247	ng	90
27) 2,4-Dimethylphenol	7.63	122	261213	43.195	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	367636	44.908	ng	99
29) 2,4-Dichlorophenol	7.83	162	242911	46.557	ng	99
30) 1,2,4-Trichlorobenzene	7.91	180	229661	46.663	ng	97
31) Naphthalene	7.99	128	848991	46.790	ng	99
32) Benzoic acid	7.76	122	171493	33.766	ng	97
33) 4-Chloroaniline	8.04	127	59833	7.939	ng	97
34) Hexachlorobutadiene	8.12	225	122001	48.330	ng	96
35) Caprolactam	8.41	113	63067	35.054	ng	# 72
36) 4-Chloro-3-methylphenol	8.53	107	243365	42.154	ng	91
37) 2-Methylnaphthalene	8.68	142	572239	49.544	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	198836	48.643	ng	99
40) Hexachlorocyclopentadiene	8.84	237	96399	48.501	ng	97

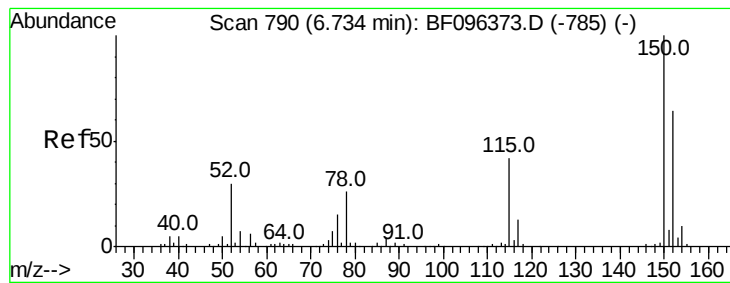
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	148460	45.910	nq	100
43) 2,4,5-Trichlorophenol	9.00	196	151306	47.323	nq	99
45) 1,1'-Biphenyl	9.15	154	627166	46.495	nq	98
46) 2-Chloronaphthalene	9.17	162	475891	47.341	nq	94
47) 2-Nitroaniline	9.26	65	162461	44.416	nq	94
48) Acenaphthylene	9.58	152	740318	46.477	nq	99
49) Dimethylphthalate	9.45	163	579736	49.330	nq	99
50) 2,6-Dinitrotoluene	9.50	165	119778	46.089	nq #	78
51) Acenaphthene	9.75	154	425162	43.302	nq	98
52) 3-Nitroaniline	9.67	138	53450	16.490	nq	91
53) 2,4-Dinitrophenol	9.78	184	54720	39.642	nq #	76
54) Dibenzofuran	9.93	168	636745	49.120	nq	99
55) 4-Nitrophenol	9.85	139	166238	61.875	nq #	74
56) 2,4-Dinitrotoluene	9.91	165	147792	44.907	nq #	82
57) Fluorene	10.27	166	447938	48.927	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.05	232	111141	50.242	nq #	97
59) Diethylphthalate	10.15	149	542490	48.836	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	195931	49.187	nq	97
61) 4-Nitroaniline	10.28	138	108288	36.740	nq	91
62) Azobenzene	10.42	77	484881	45.142	nq	92
64) 4,6-Dinitro-2-methylphenol	10.32	198	39351	25.102	nq	92
65) n-Nitrosodiphenylamine	10.38	169	410500	51.470	nq	98
66) 4-Bromophenyl-phenylether	10.75	248	119425	53.971	nq	95
67) Hexachlorobenzene	10.82	284	121242	50.053	nq #	90
68) Atrazine	10.90	200	105755	46.413	nq	94
69) Pentachlorophenol	11.01	266	121225	84.441	nq	98
70) Phenanthrene	11.22	178	603808	49.139	nq	99
71) Anthracene	11.27	178	613672	49.008	nq	98
72) Carbazole	11.43	167	559484	44.429	nq	98
73) Di-n-butylphthalate	11.77	149	743583	48.751	nq	98
74) Fluoranthene	12.40	202	555602	46.118	nq	100
76) Benzidine	12.52	184	60394	7.713	nq #	90
77) Pyrene	12.63	202	563409	43.011	nq	98
79) Butylbenzylphthalate	13.26	149	272775	41.136	nq #	84
80) Benzo(a)anthracene	13.82	228	461184	48.800	nq	97
81) 3,3'-Dichlorobenzidine	13.78	252	109583	28.232	nq #	95
82) Chrysene	13.86	228	473759	47.872	nq	98
83) Bis(2-ethylhexyl)phthalate	13.82	149	335139	45.278	nq	100
84) Di-n-octyl phthalate	14.43	149	672156	46.114	nq #	94
85) Indeno(1,2,3-cd)pyrene	16.57	276	506998	64.902	nq	96
87) Benzo(b)fluoranthene	14.83	252	535453	44.373	nq	99
88) Benzo(k)fluoranthene	14.86	252	523849	48.531	nq	96
89) Benzo(a)pyrene	15.17	252	528613	49.066	nq	97
90) Dibenzo(a,h)anthracene	16.59	278	424736	50.113	nq	96
91) Benzo(g,h,i)perylene	16.97	276	409471	46.623	nq	99

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

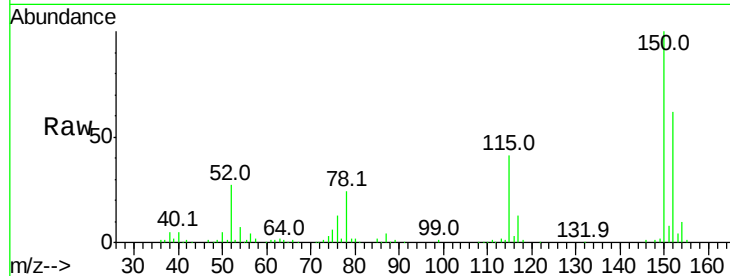


#1

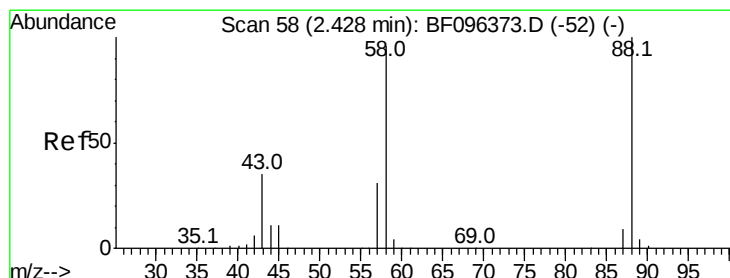
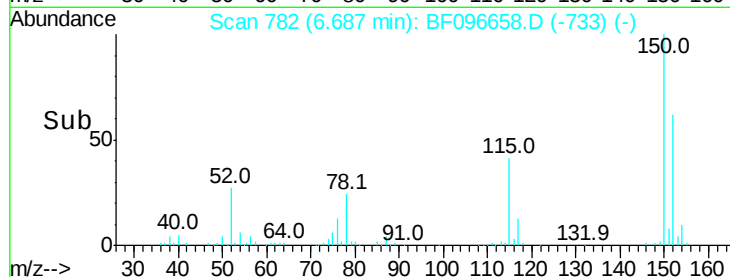
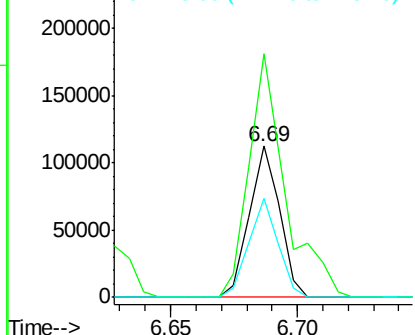
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMSD

Tot Ion:152 Resp: 93929
Ion Ratio Lower Upper
152 100
150 161.2 126.2 189.2
115 65.8 52.2 78.2



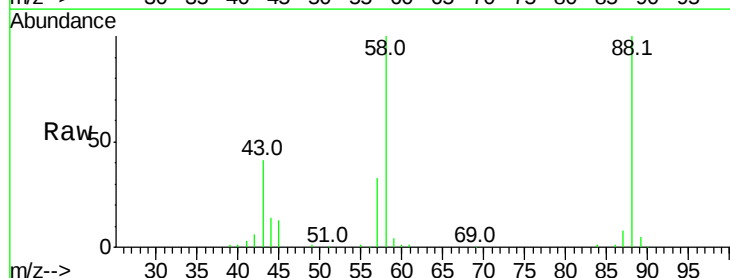
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



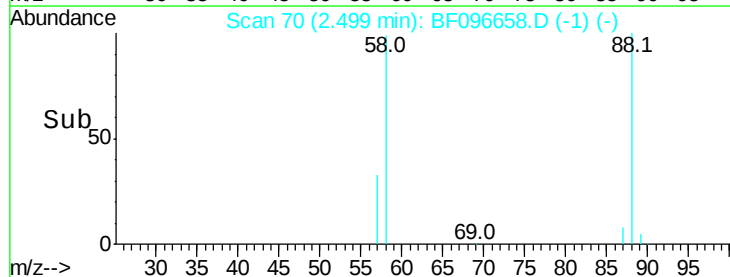
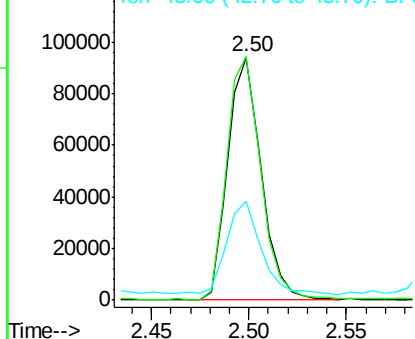
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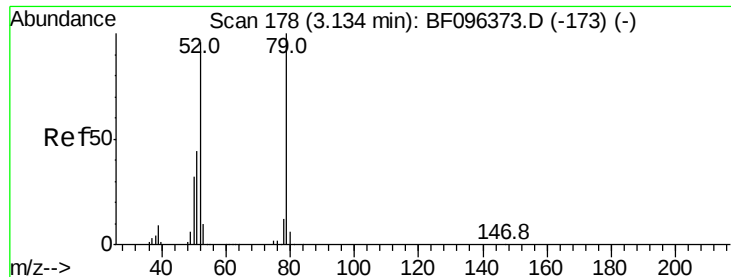
1,4-Dioxane
Concen: 37.145 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.14 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

Tgt Ion: 88 Resp: 112089
Ion Ratio Lower Upper
88 100
58 102.7 61.4 92.0#
43 0.0 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: 25.820 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.10 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMSD

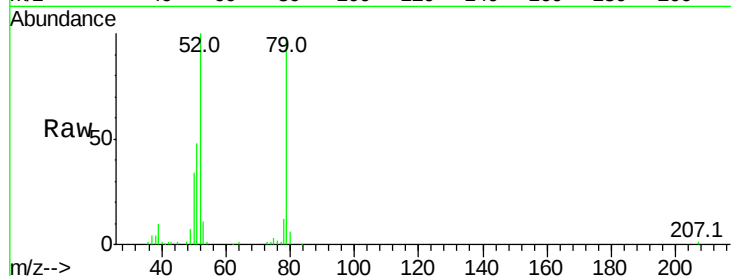
Tot Ion: 79 Resp: 213780

Ion Ratio Lower Upper

79 100

52 102.2 54.8 82.2#

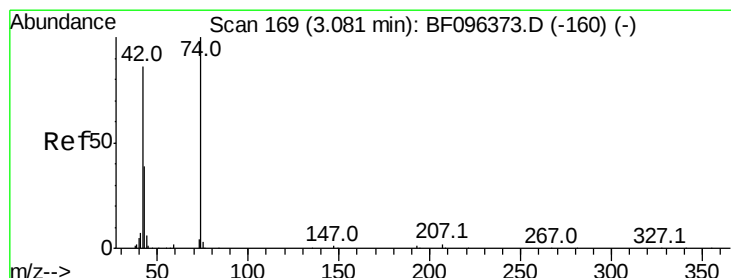
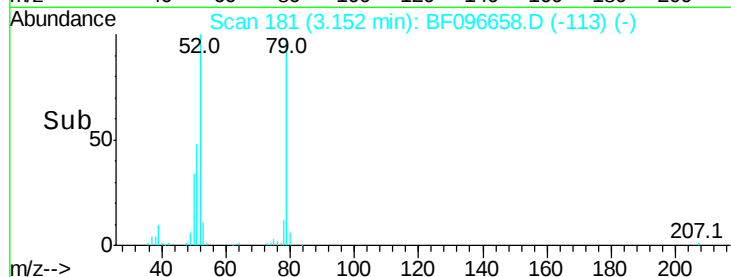
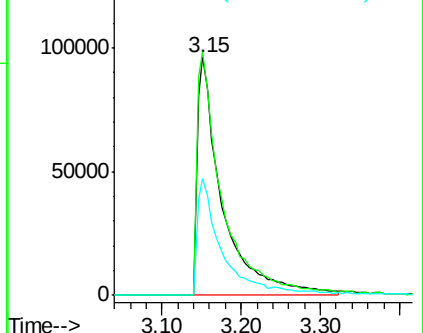
51 49.2 27.0 40.4#



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: 43.388 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.08 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

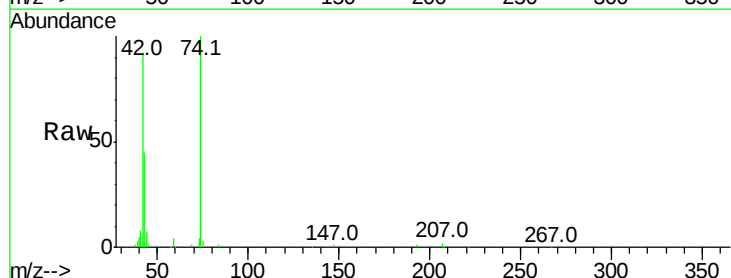
Tgt Ion: 42 Resp: 177311

Ion Ratio Lower Upper

42 100

74 108.2 103.9 155.9

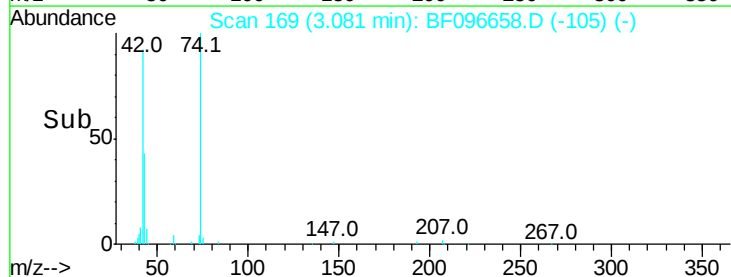
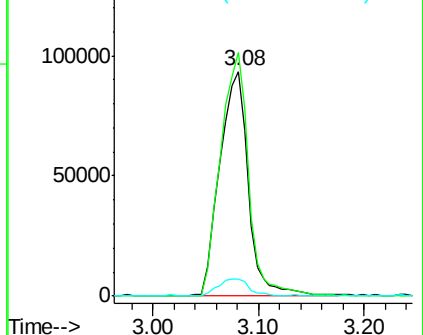
44 7.4 5.7 8.5

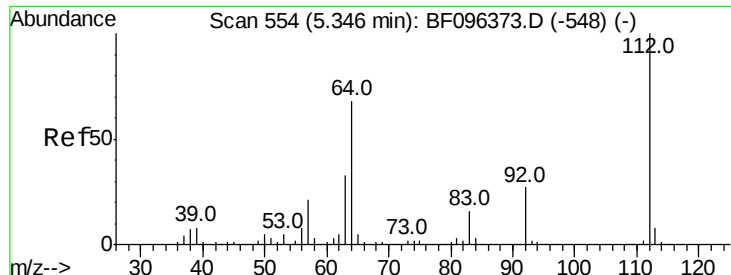


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 120.963 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.01 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMSD

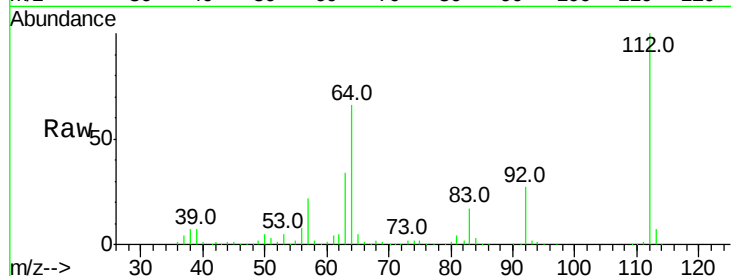
Tot Ion:112 Resp: 769797

Ion Ratio Lower Upper

112 100

64 66.5 46.0 69.0

63 34.2 23.4 35.0

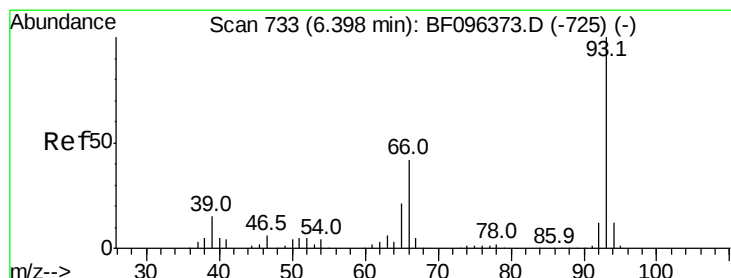
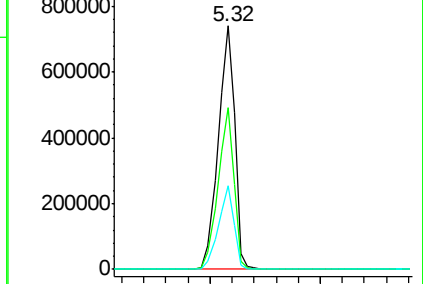
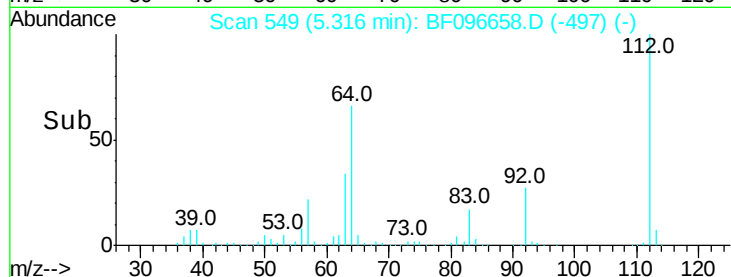


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



#6

Aniline

Concen: 8.802 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

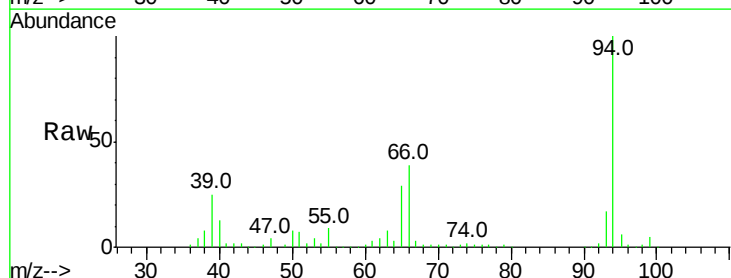
Tgt Ion: 93 Resp: 89006

Ion Ratio Lower Upper

93 100

66 233.9 32.9 49.3#

65 173.8 16.0 24.0#

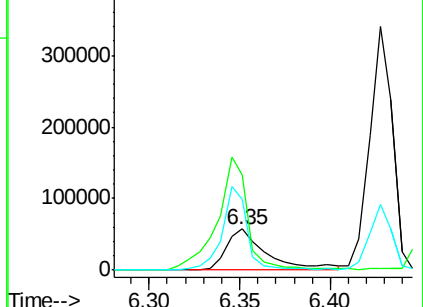
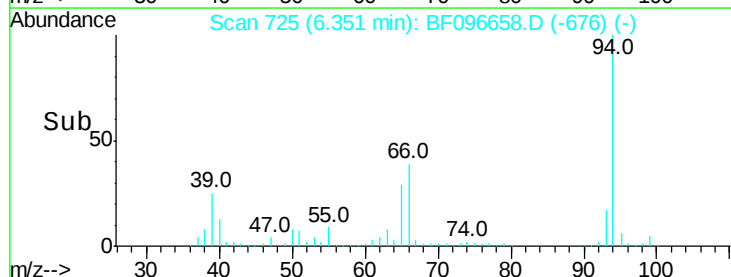


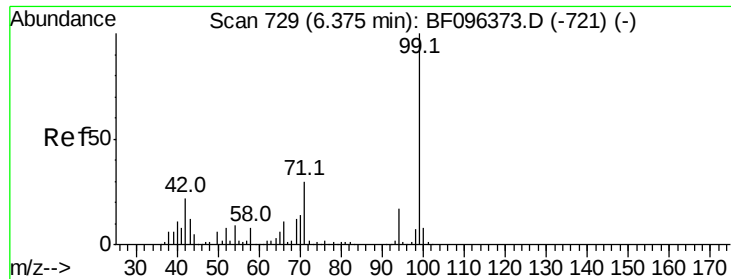
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->





#7

Phenol-d6

Concen: 111.418 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

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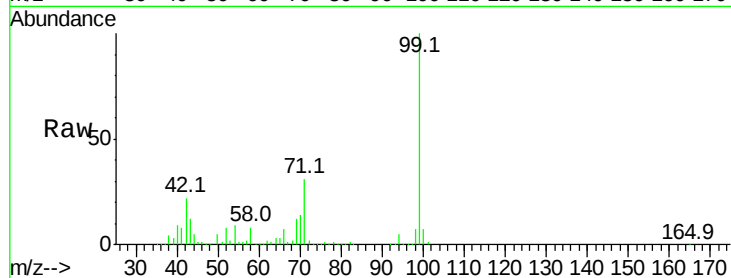
Tot Ion: 99 Resp: 871687

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

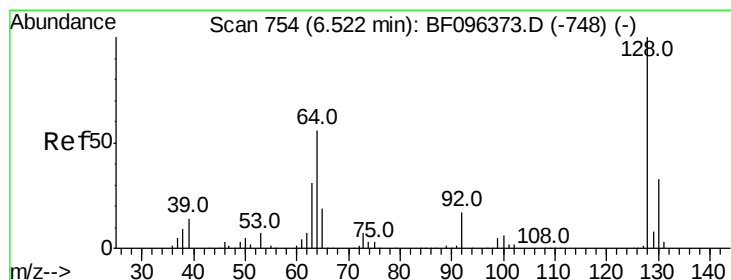
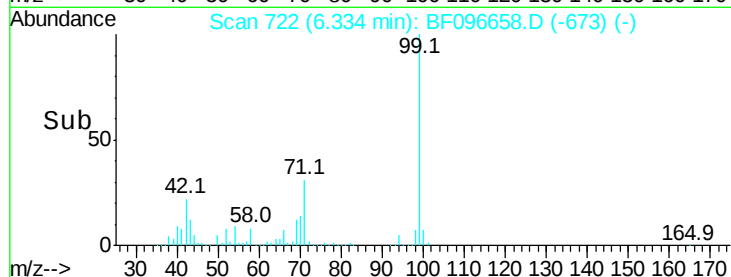
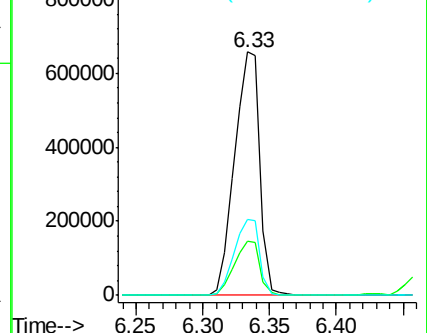
71 31.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.624 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

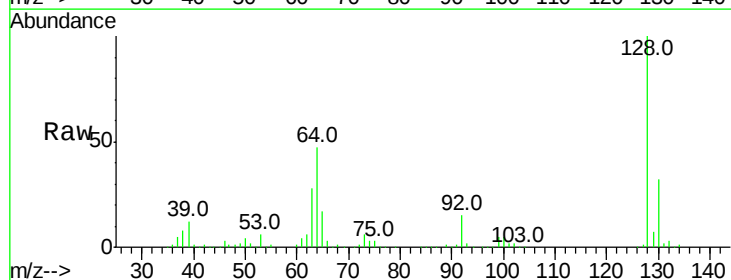
Tgt Ion: 128 Resp: 296050

Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

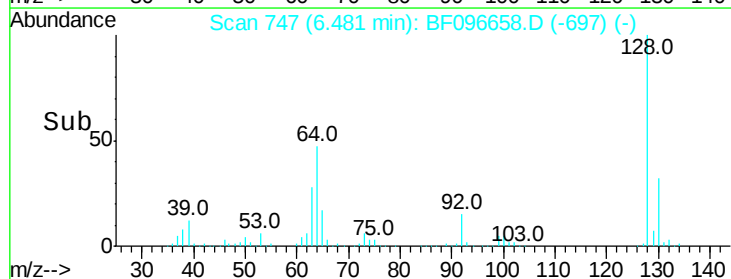
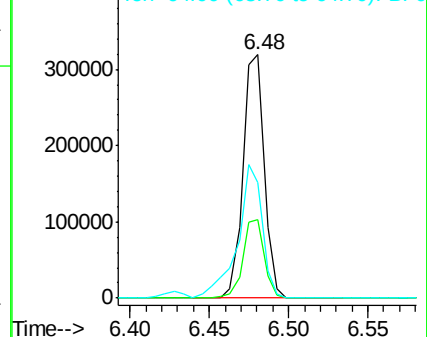
64 47.3 28.4 68.4

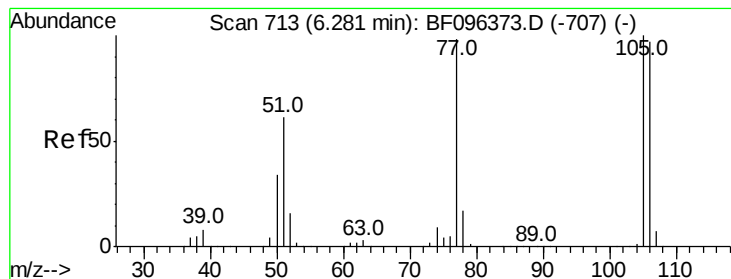


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.988 ng

RT: 6.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMSD

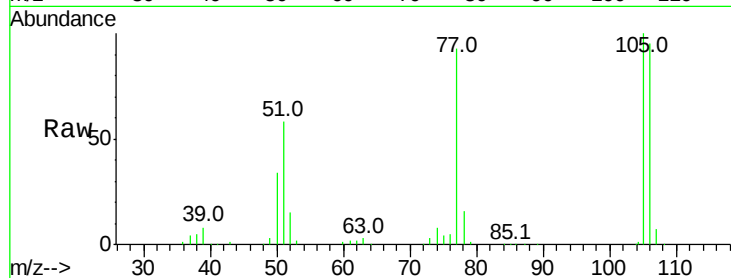
Tot Ion: 77 Resp: 127243

Ion Ratio Lower Upper

77 100

105 107.5 83.8 123.8

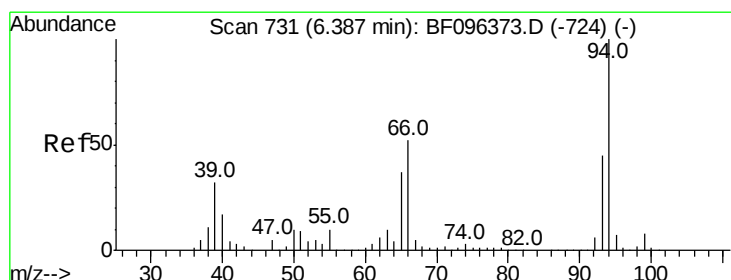
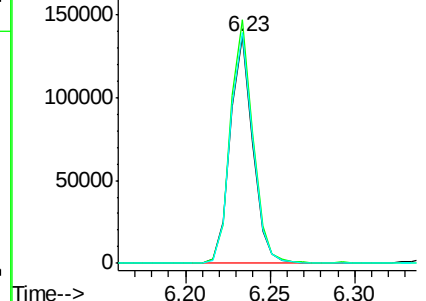
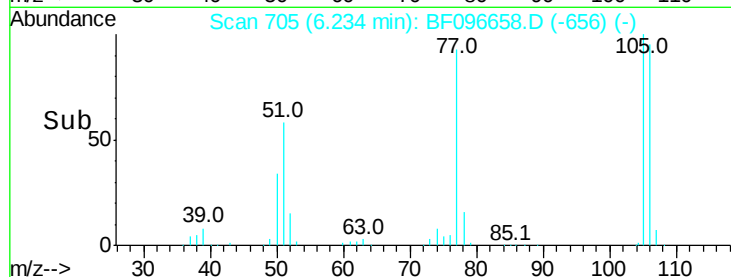
106 102.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.904 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

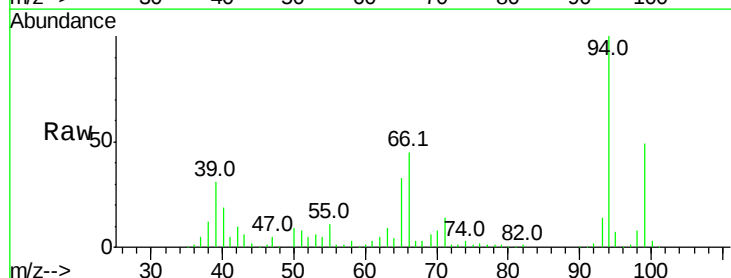
Tgt Ion: 94 Resp: 320007

Ion Ratio Lower Upper

94 100

65 33.2 9.9 49.9

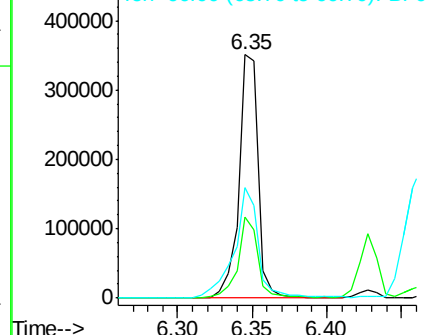
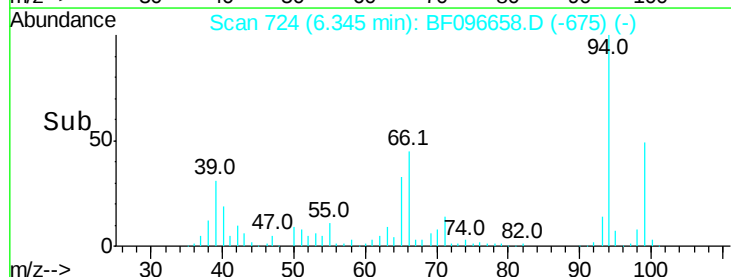
66 45.2 23.1 63.1

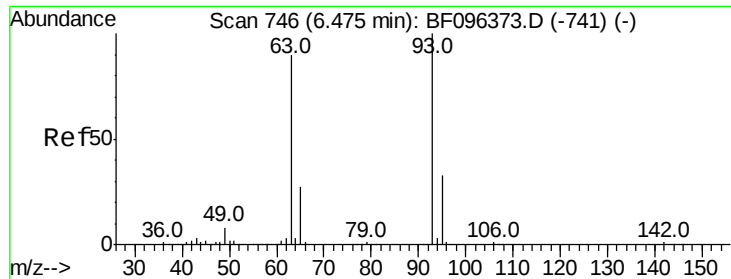


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.879 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMSD

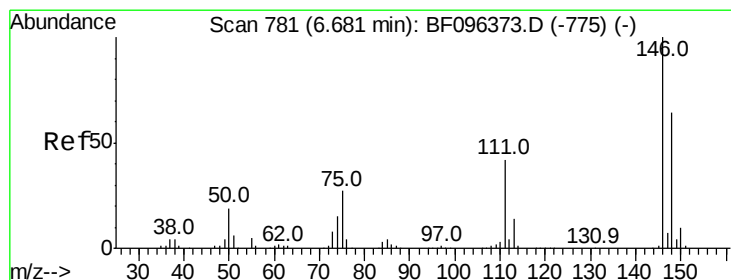
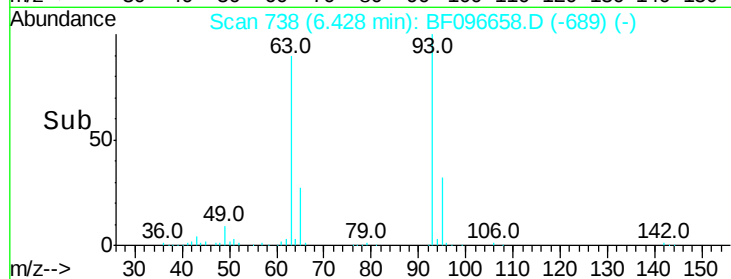
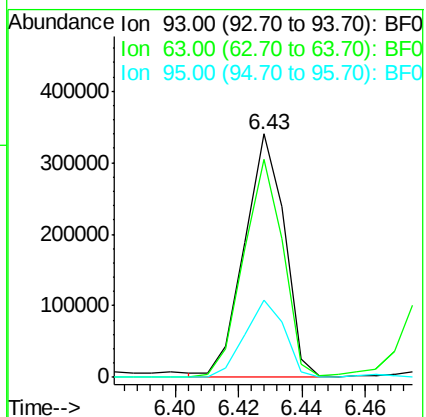
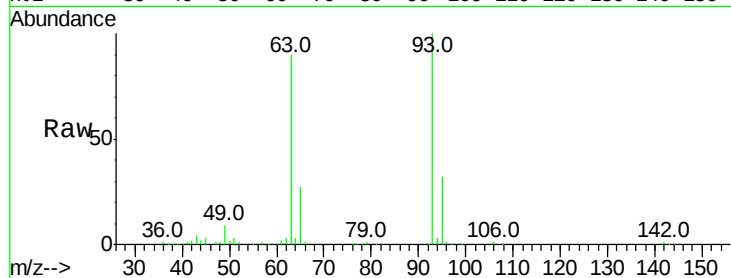
Tot Ion: 93 Resp: 295351

Ion Ratio Lower Upper

93 100

63 89.6 59.2 99.2

95 31.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 44.338 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

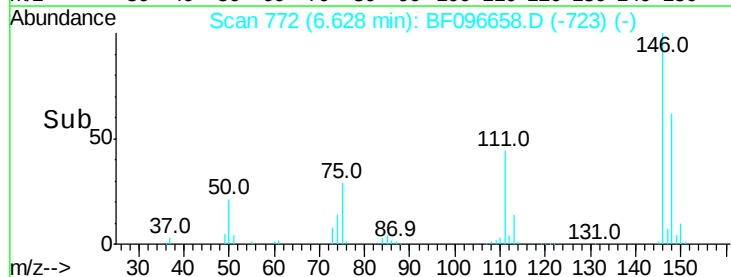
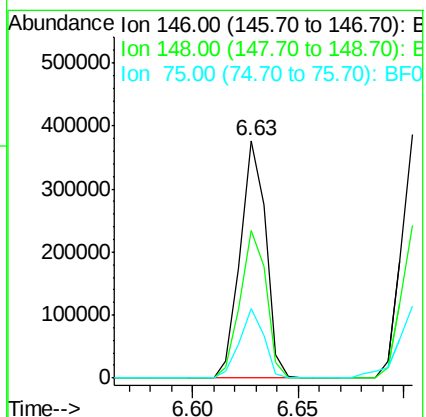
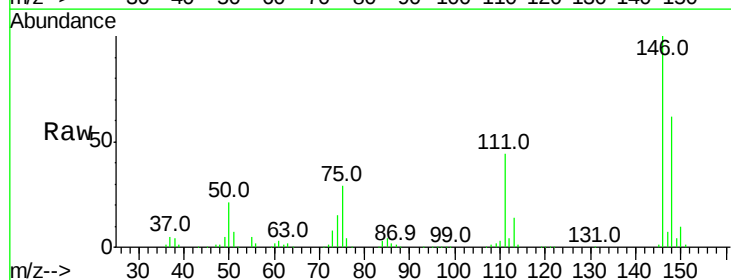
Tgt Ion: 146 Resp: 315495

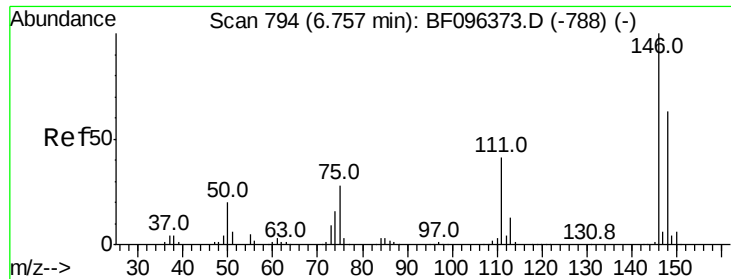
Ion Ratio Lower Upper

146 100

148 62.0 51.8 77.6

75 29.2 23.1 34.7

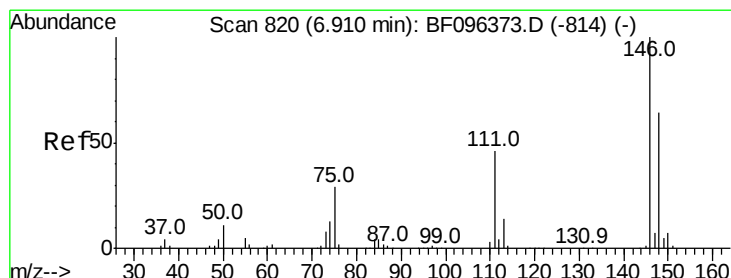
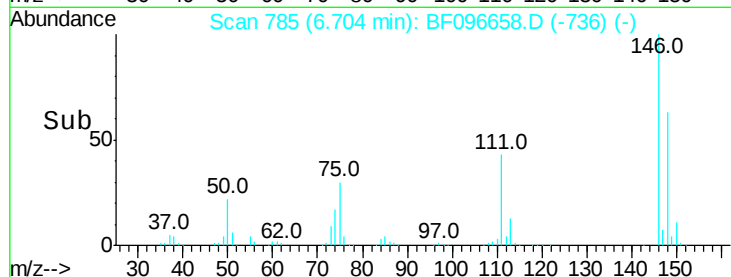
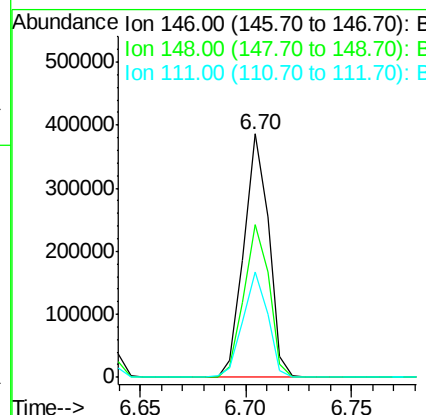
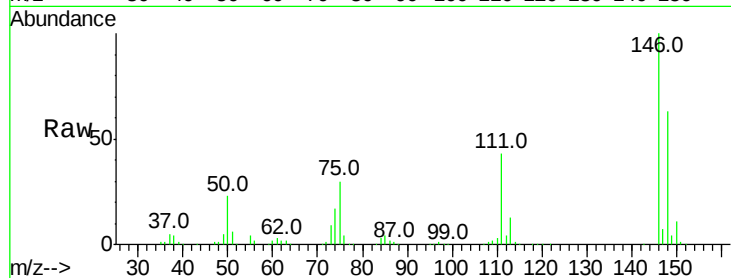




#13
 1,4-Dichlorobenzene
 Concen: 44.284 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

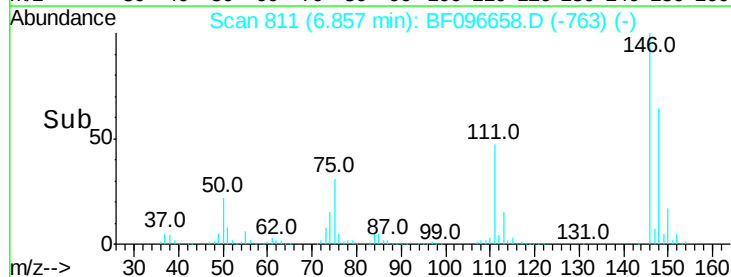
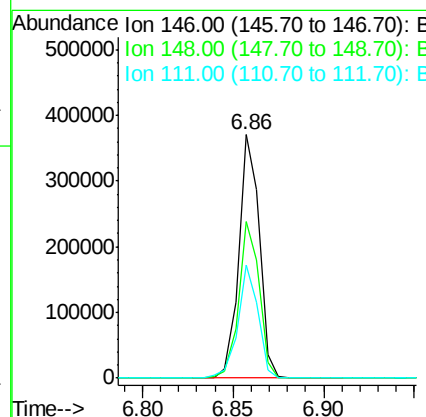
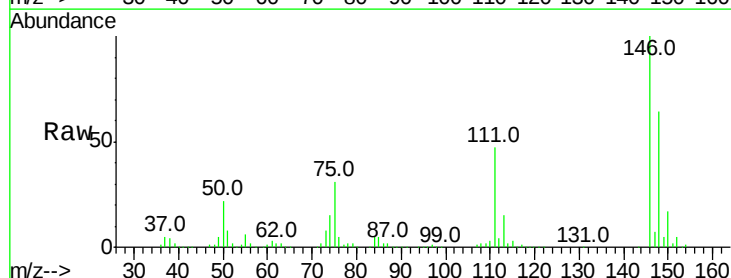
Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMSD

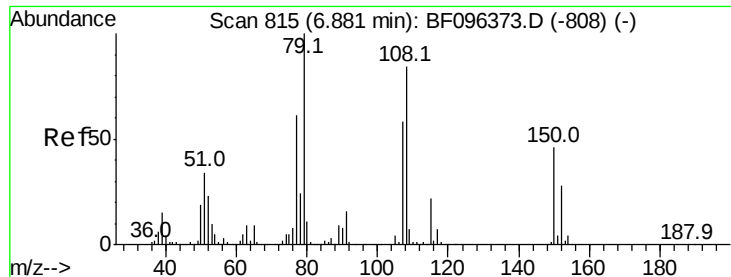
Tot Ion:146 Resp: 314959
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.2 78.2
 111 43.1 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 44.700 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

Tgt Ion:146 Resp: 291898
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.4 75.6
 111 46.7 38.2 57.4





#15

Benzyl Alcohol

Concen: 45.425 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMSD

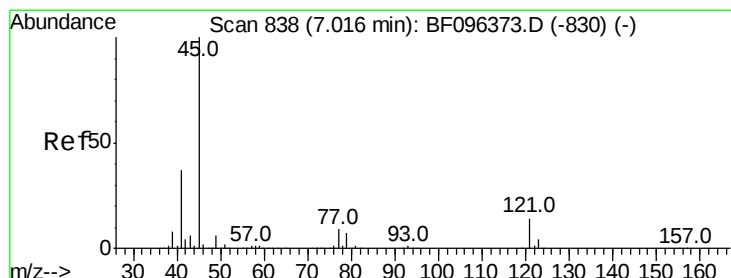
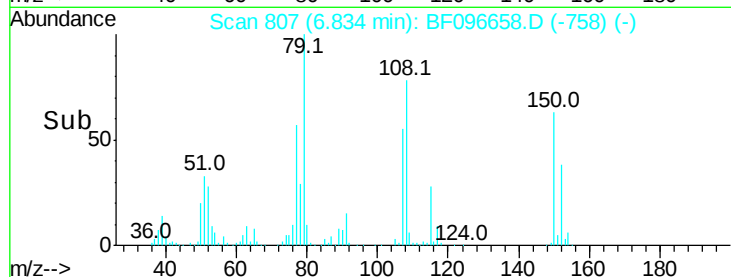
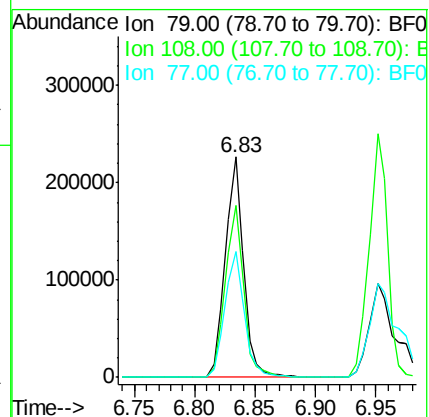
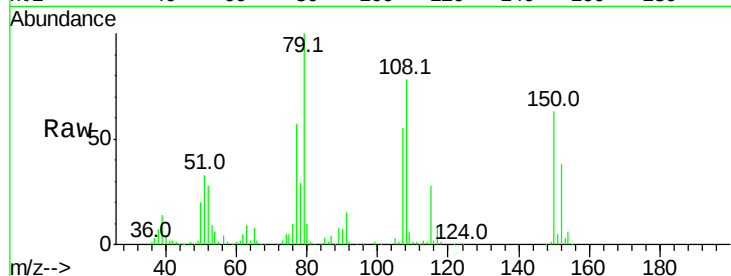
Tot Ion: 79 Resp: 237560

Ion Ratio Lower Upper

79 100

108 78.2 63.4 95.0

77 57.3 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.945 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

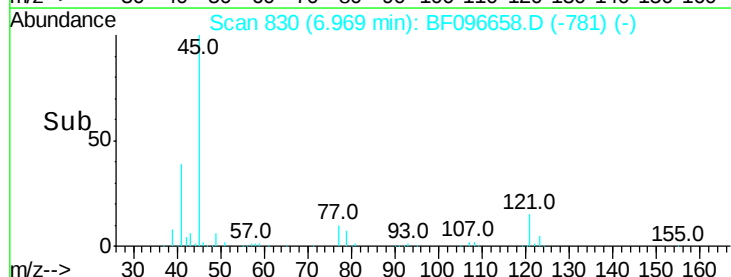
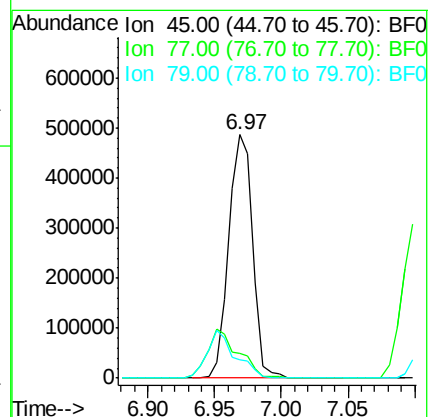
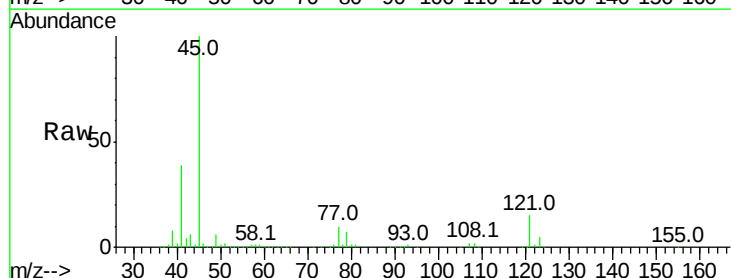
Tgt Ion: 45 Resp: 615356

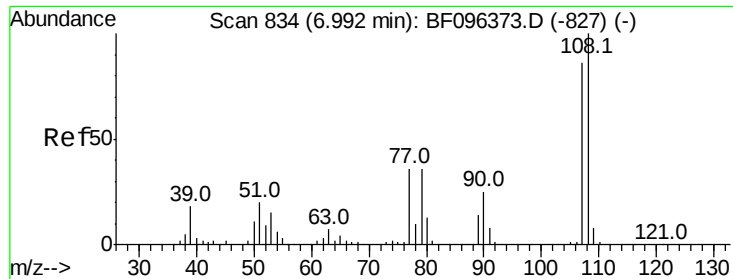
Ion Ratio Lower Upper

45 100

77 10.3 0.0 33.2

79 7.5 0.0 30.0

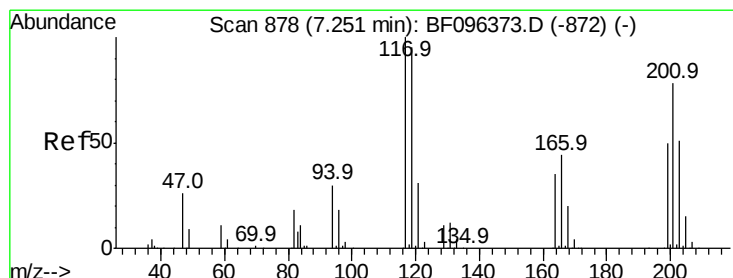
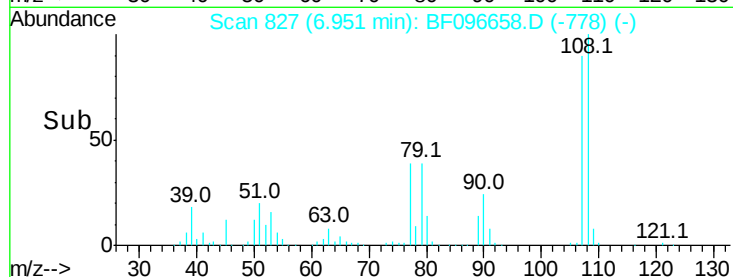
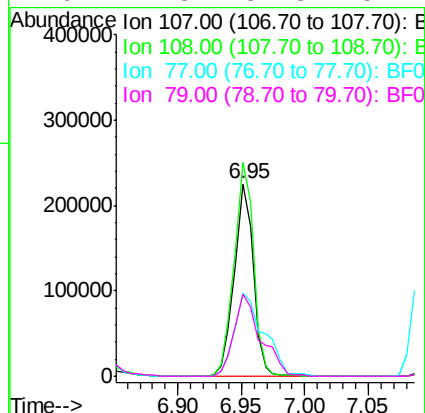
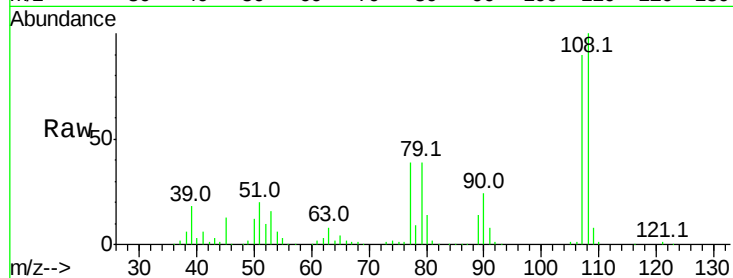




#17
2-Methylphenol
Concen: 43.416 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

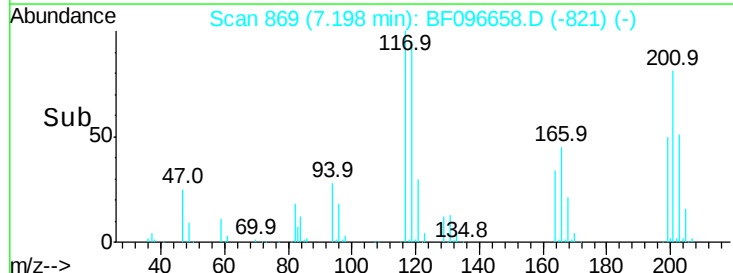
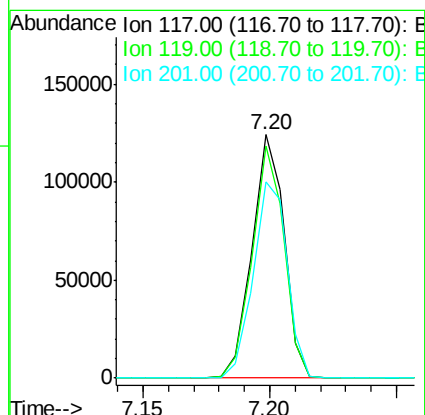
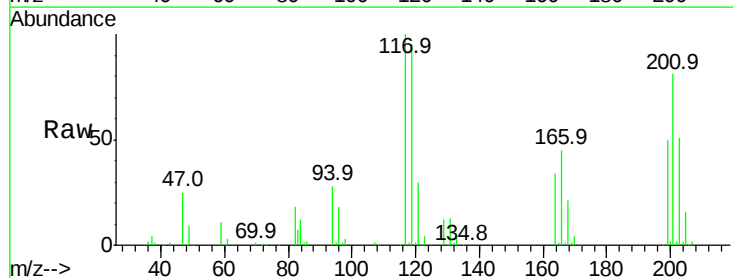
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMSD

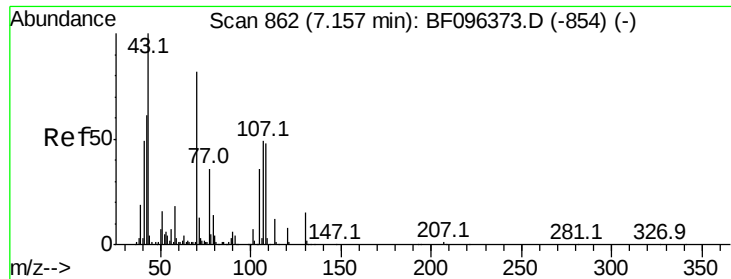
Tot Ion:107 Resp: 234810
Ion Ratio Lower Upper
107 100
108 110.9 93.4 140.0
77 43.0 35.8 53.6
79 42.8 34.8 52.2



#18
Hexachloroethane
Concen: 42.631 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

Tgt Ion:117 Resp: 109922
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.0
201 80.5 94.6 141.8#

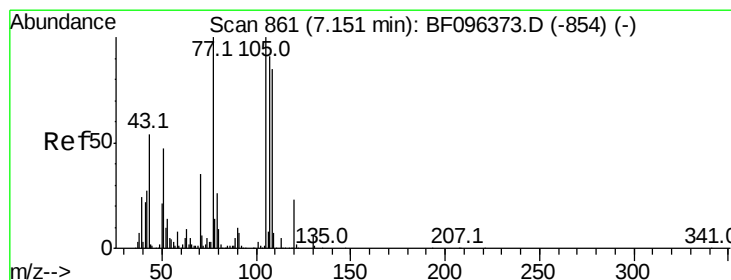
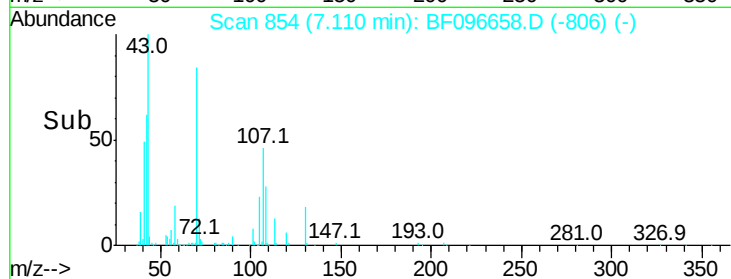
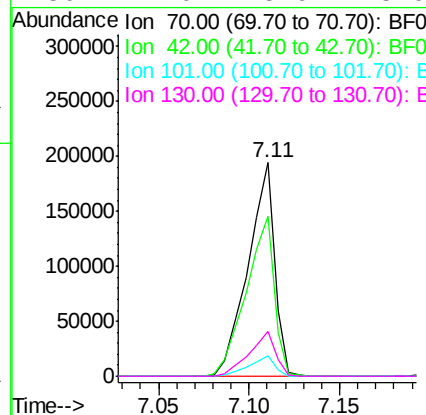
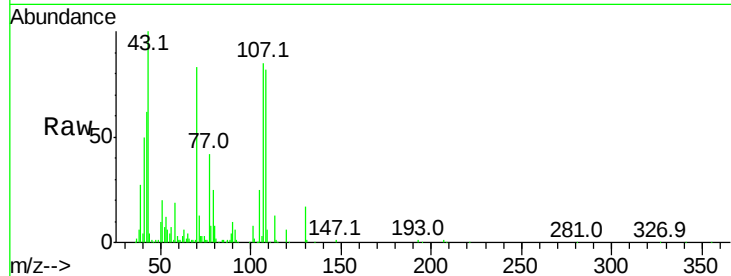




#19
n-Nitroso-di-n-propylamine
Concen: 42.613 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

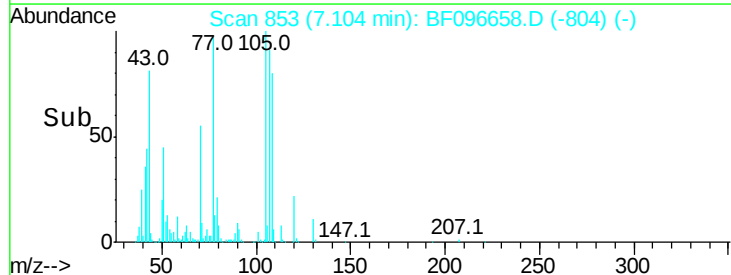
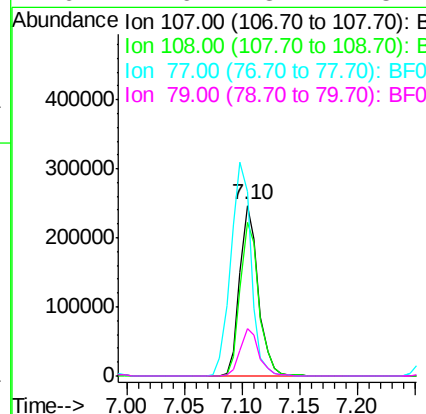
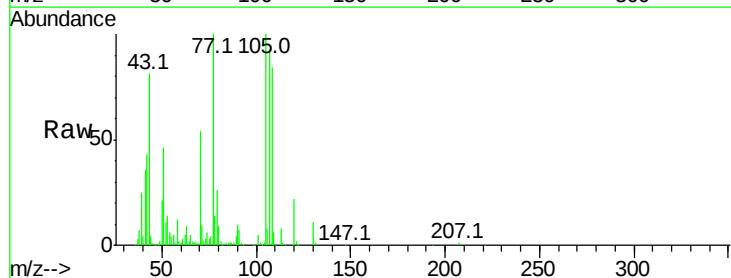
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMSD

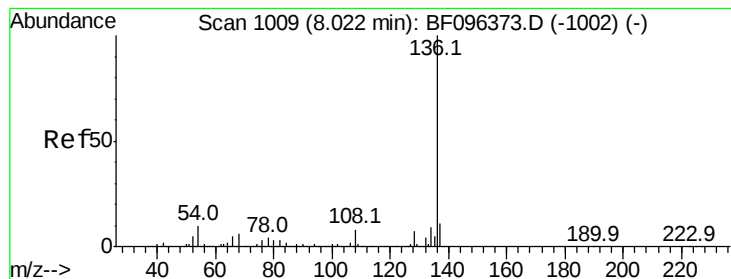
Tot Ion:	70	Resp:	198609
Ion	Ratio	Lower	Upper
70	100		
42	74.7	47.2	70.8#
101	9.7	7.2	10.8
130	21.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 45.705 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

Tgt Ion:	107	Resp:	275708
Ion	Ratio	Lower	Upper
107	100		
108	90.1	71.0	111.0
77	107.7	90.5	130.5
79	27.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMSD

Tot Ion:136 Resp: 384346

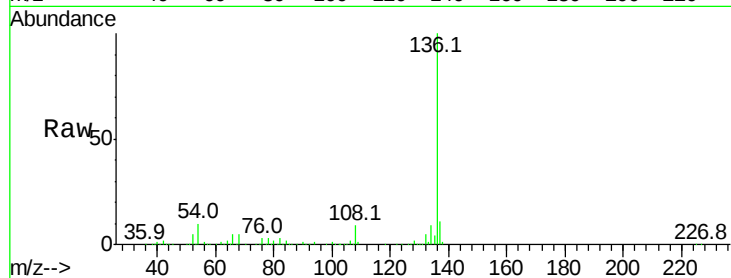
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 9.5 4.9 7.3#

68 5.4 4.1 6.1

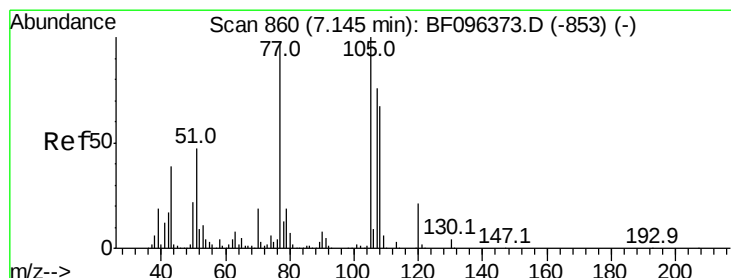
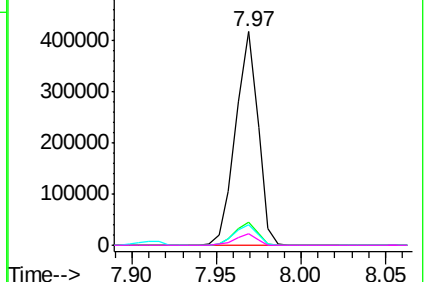
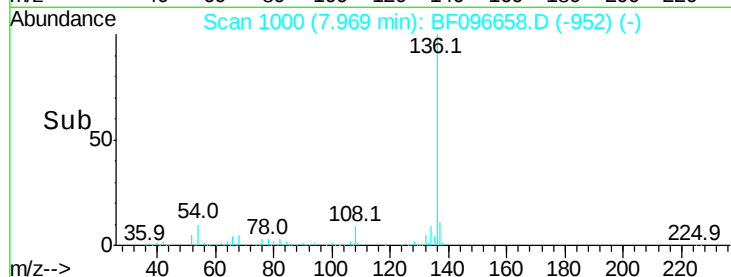


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.413 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

Tgt Ion:105 Resp: 398180

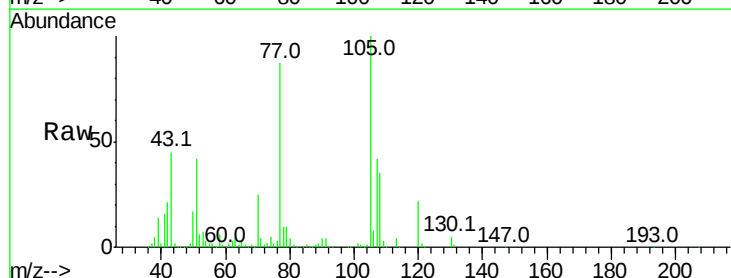
Ion Ratio Lower Upper

105 100

71 4.1 2.8 4.2

51 41.5 30.7 46.1

120 22.1 17.4 26.0

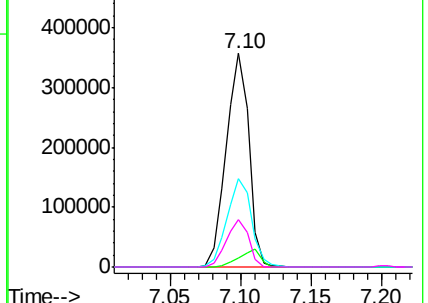
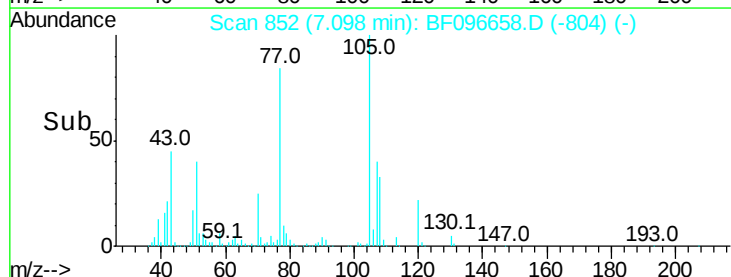


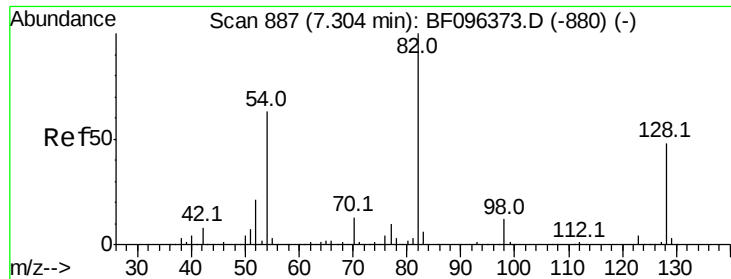
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

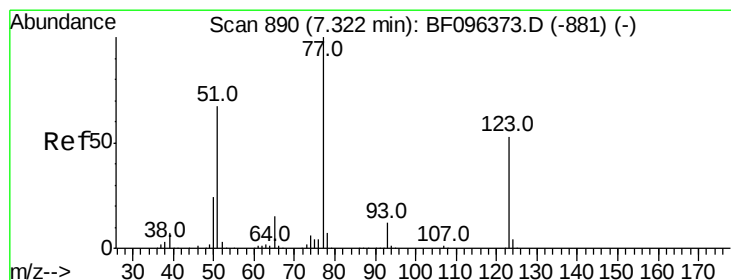
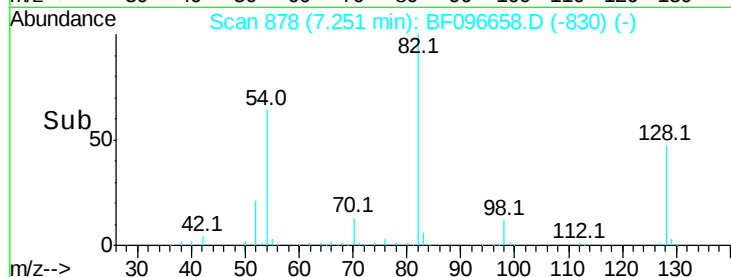
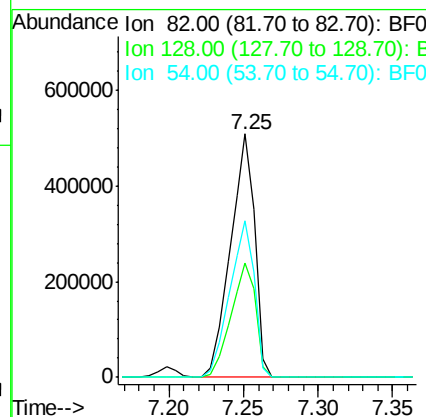
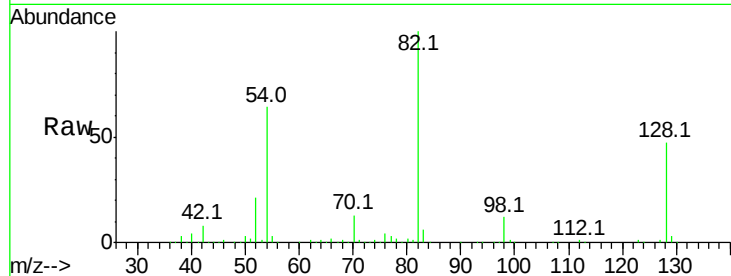




#23
 Nitrobenzene-d5
 Concen: 91.175 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

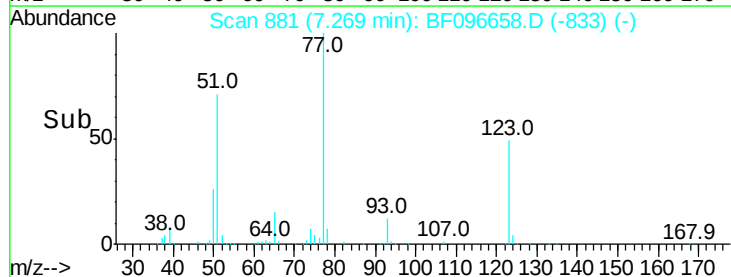
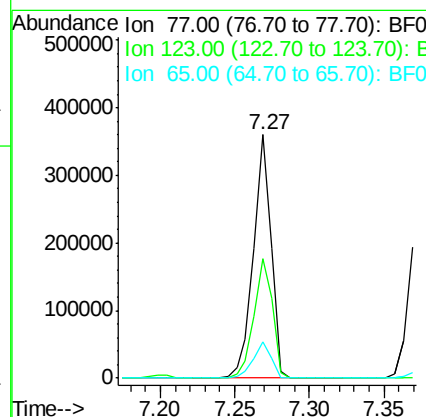
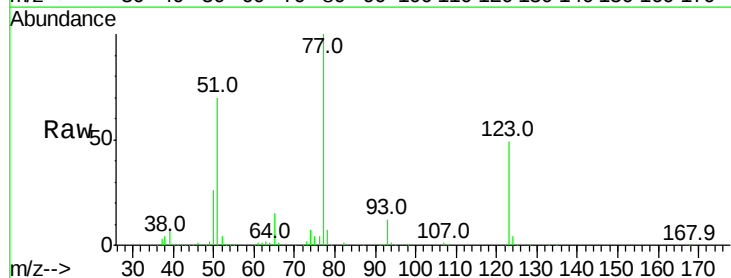
Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMSD

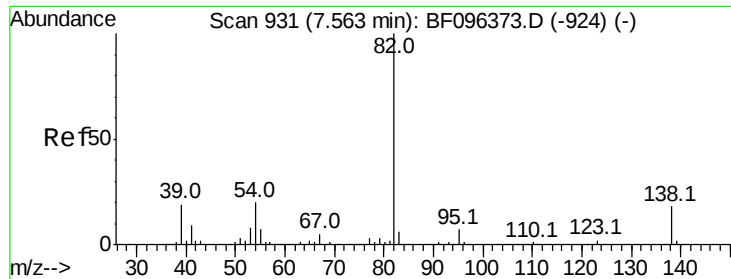
Tot Ion: 82 Resp: 583161
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 64.2 42.2 63.2#



#24
 Nitrobenzene
 Concen: 44.090 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

Tgt Ion: 77 Resp: 295837
 Ion Ratio Lower Upper
 77 100
 123 48.9 35.8 53.8
 65 14.7 10.6 15.8





#25

Isophorone

Concen: 43.397 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMSD

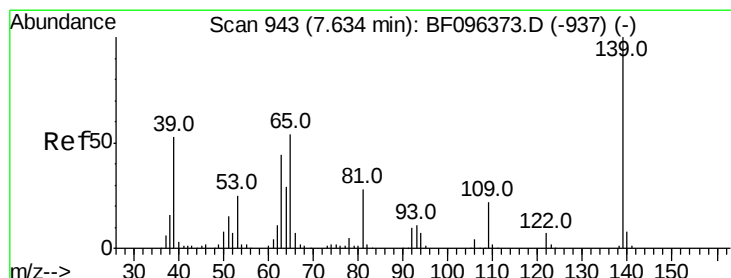
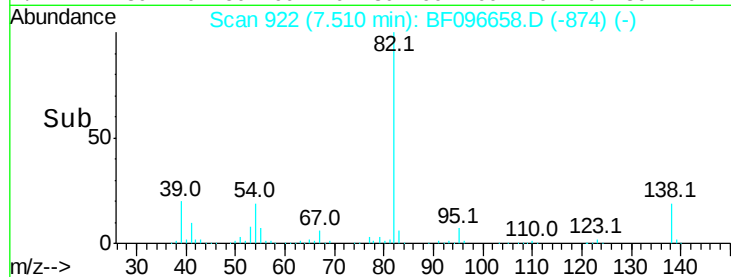
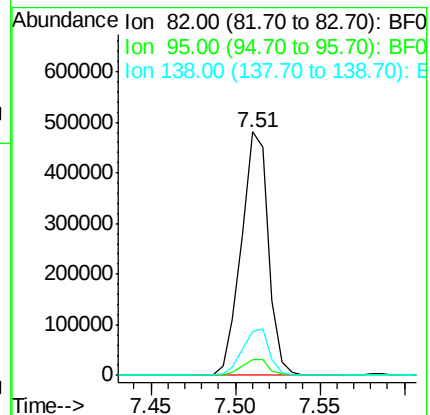
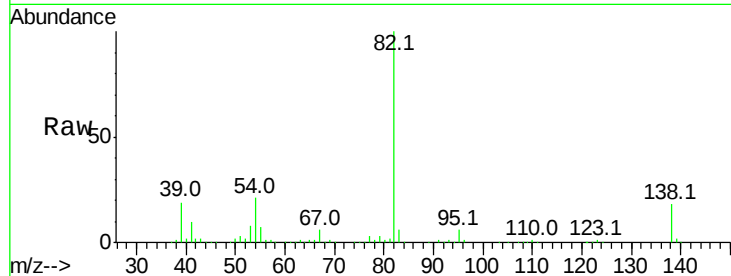
Tot Ion: 82 Resp: 538183

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 18.2 13.1 19.7



#26

2-Nitrophenol

Concen: 45.247 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

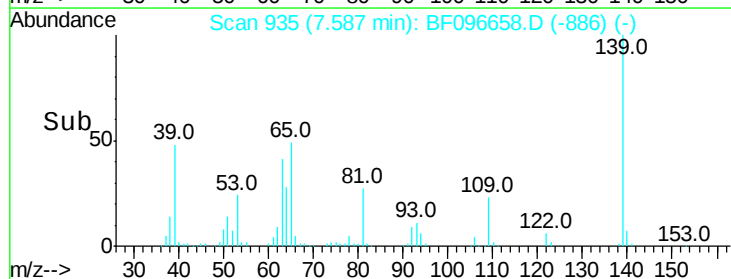
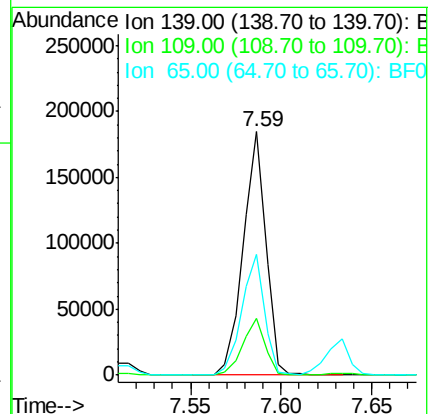
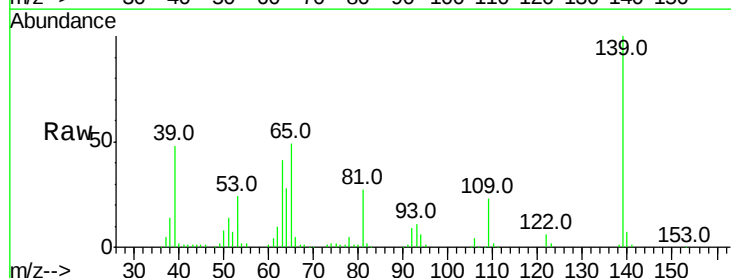
Tgt Ion: 139 Resp: 160694

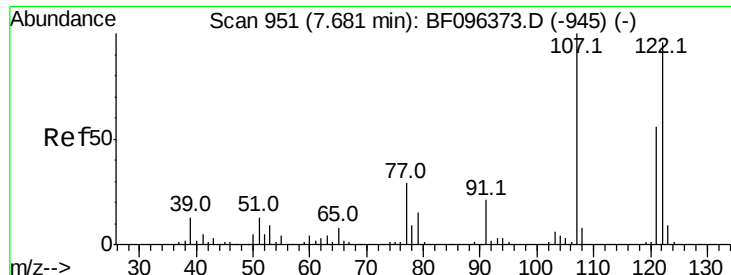
Ion Ratio Lower Upper

139 100

109 23.4 21.0 31.6

65 49.4 33.0 49.6

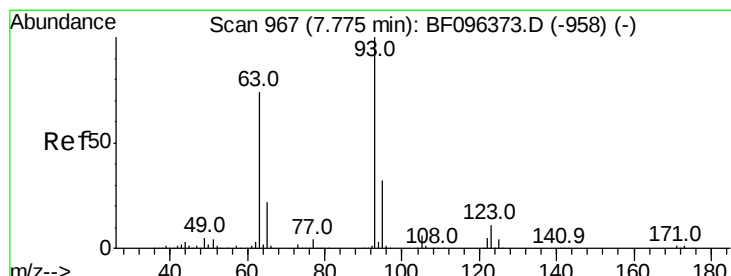
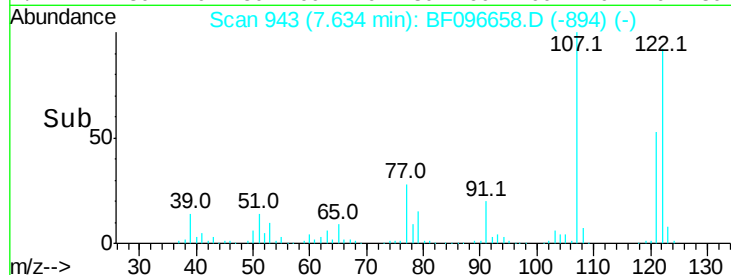
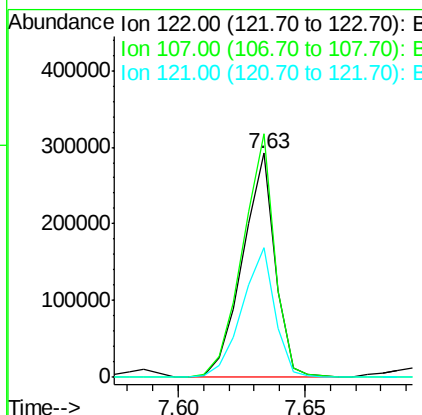
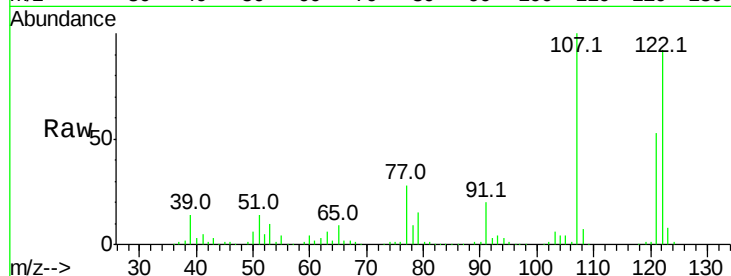




#27
2,4-Dimethylphenol
Concen: 43.195 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

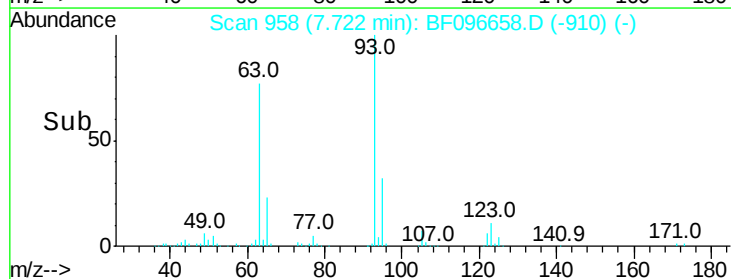
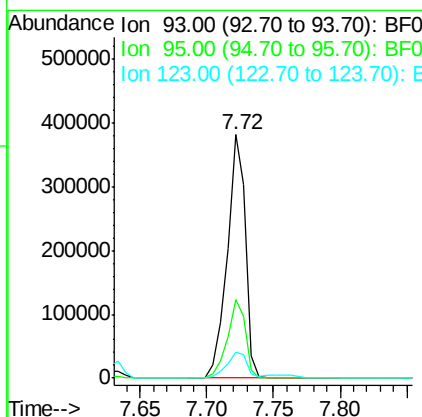
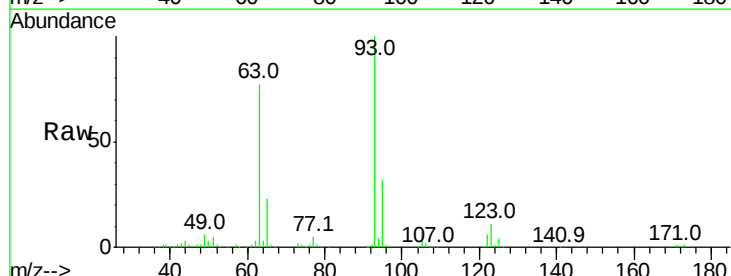
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMSD

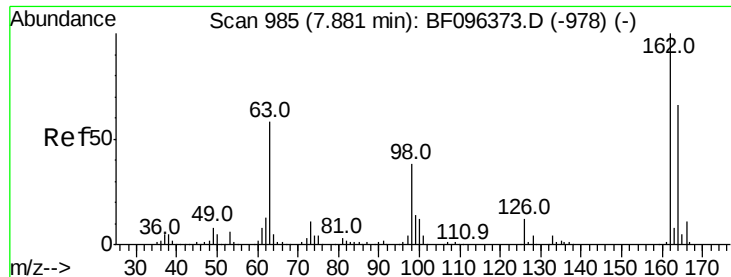
Tot Ion:122 Resp: 261213
Ion Ratio Lower Upper
122 100
107 108.7 89.2 133.8
121 57.9 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 44.908 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

Tgt Ion: 93 Resp: 367636
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 10.9 9.0 13.4

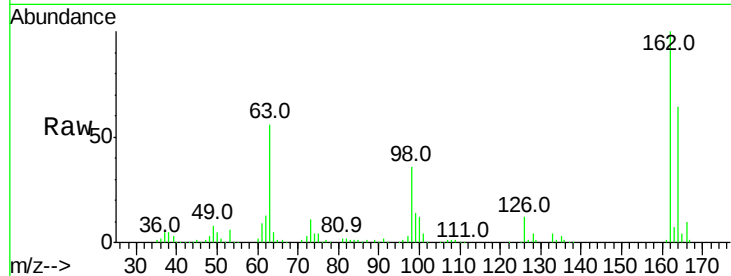




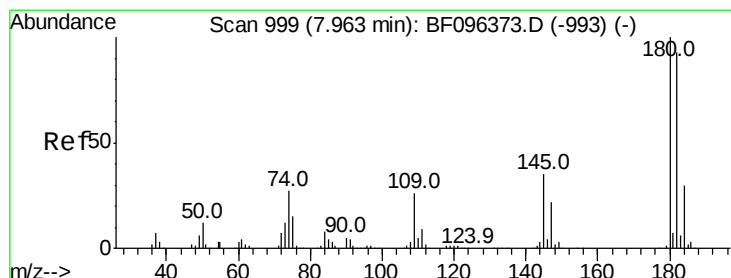
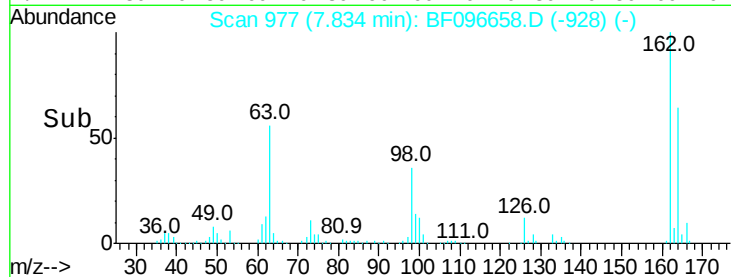
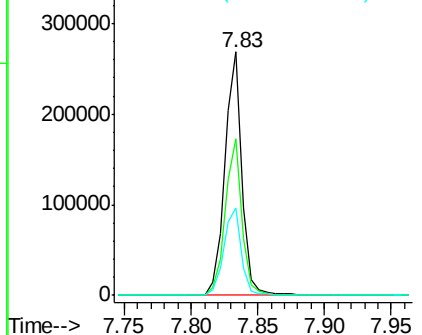
#29
 2,4-Dichlorophenol
 Concen: 46.557 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	36.0	14.8	54.8

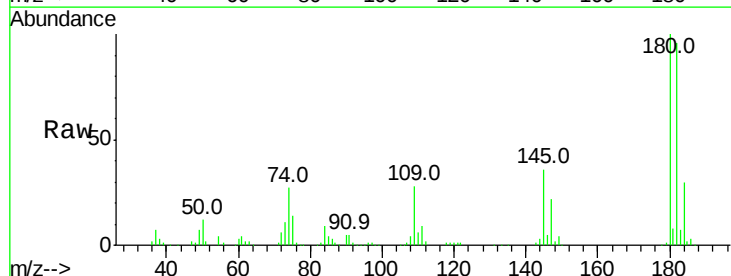


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

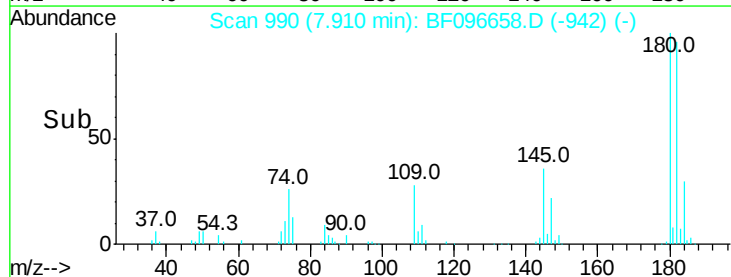
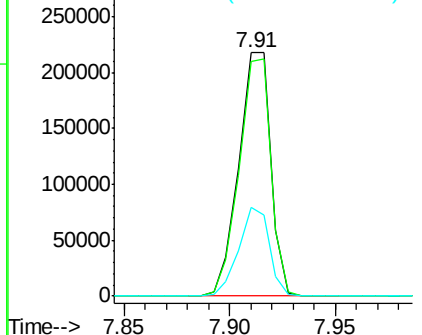


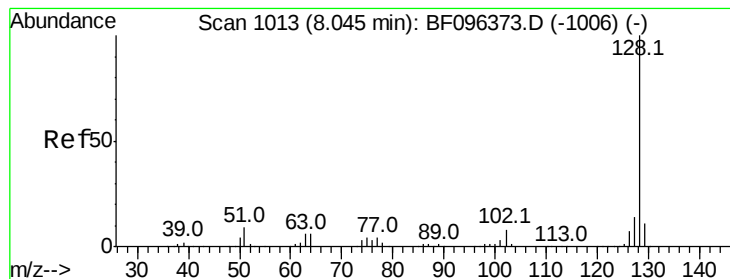
#30
 1,2,4-Trichlorobenzene
 Concen: 46.663 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.8	113.6
145	36.4	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: 46.790 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMSD

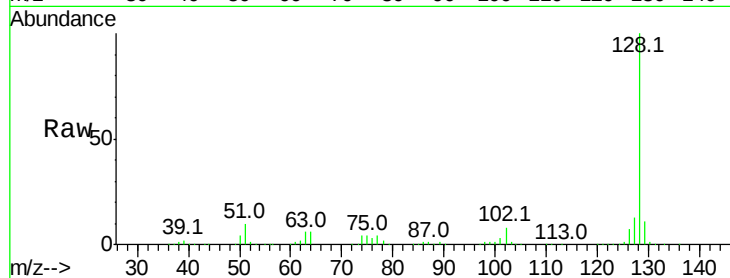
Tot Ion:128 Resp: 848991

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

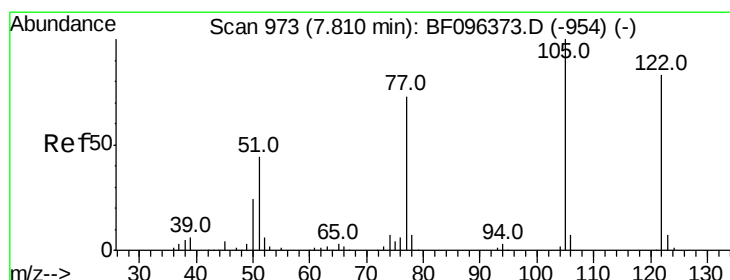
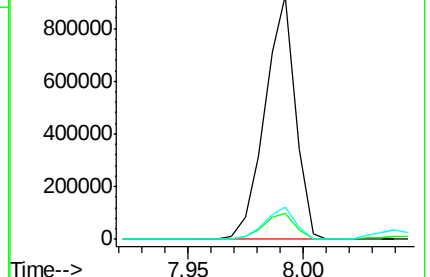
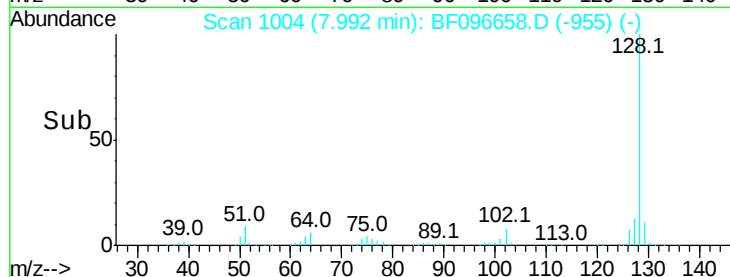
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.766 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

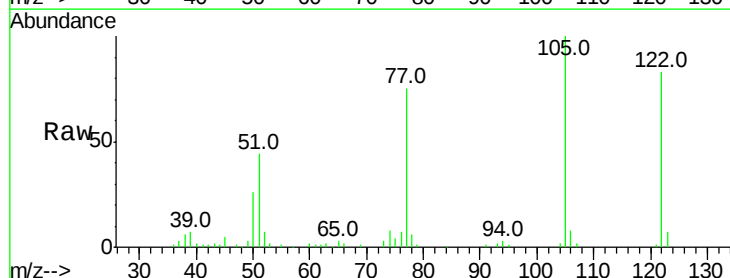
Tgt Ion:122 Resp: 171493

Ion Ratio Lower Upper

122 100

105 120.0 103.3 143.3

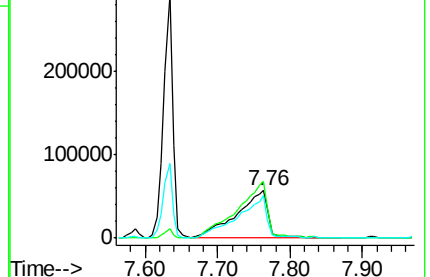
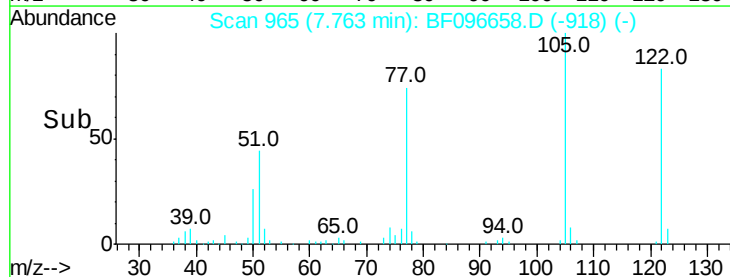
77 90.2 73.7 113.7

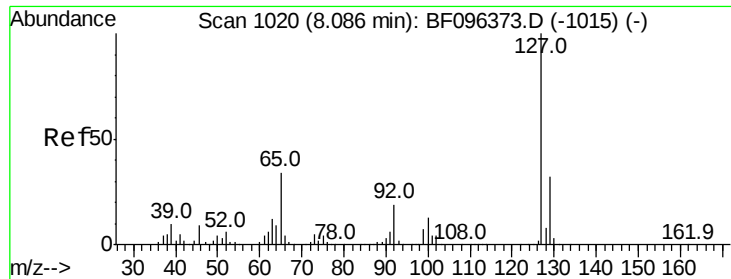


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

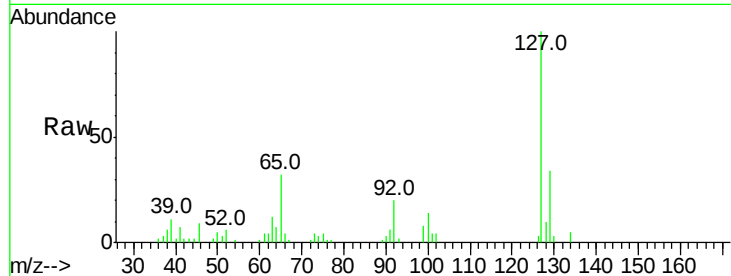




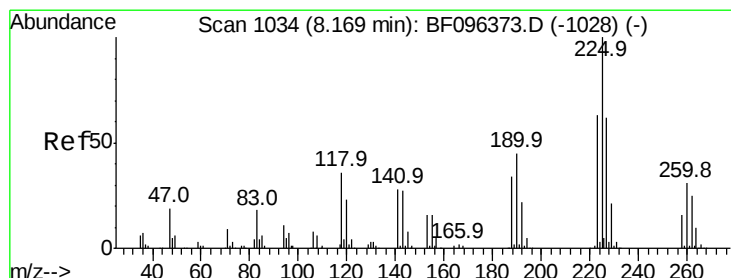
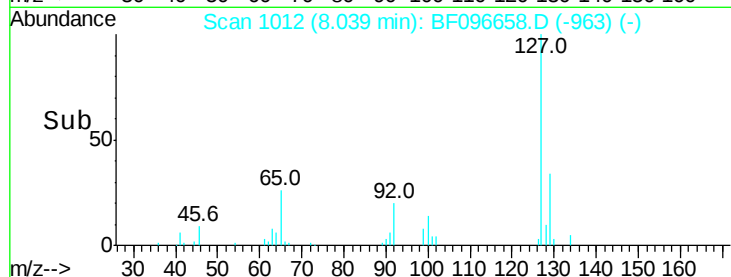
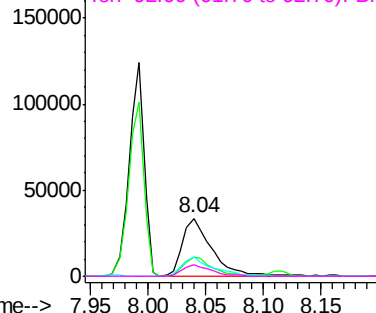
#33
4-Chloroaniline
Concen: 7.939 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMSD

Tot Ion:	127	Resp:	59833
Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.2	39.2
65	32.2	27.8	41.8
92	20.2	16.8	25.2

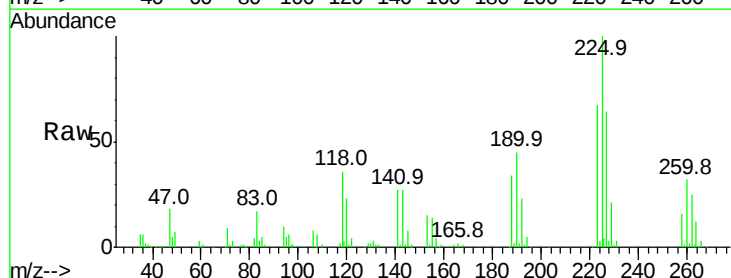


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

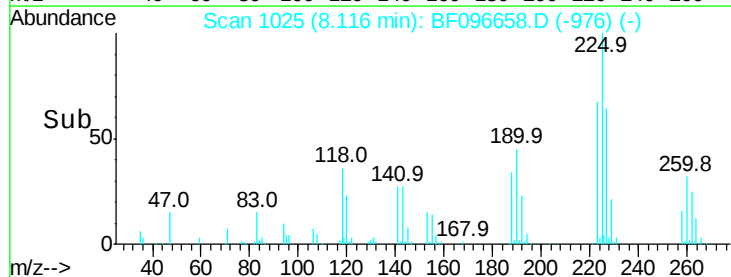
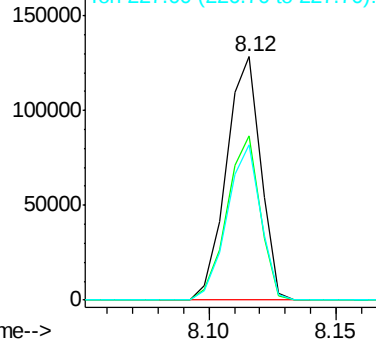


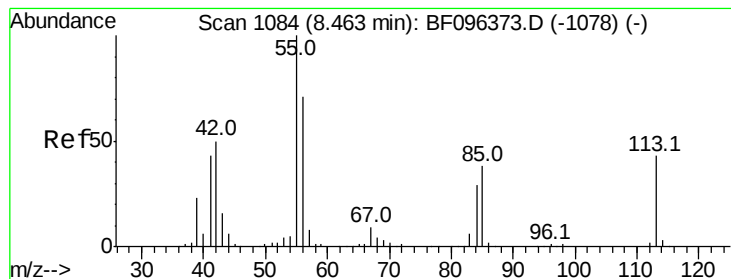
#34
Hexachlorobutadiene
Concen: 48.330 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

Tgt Ion:	225	Resp:	122001
Ion	Ratio	Lower	Upper
225	100		
223	67.3	48.8	73.2
227	63.9	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: 35.054 ng

RT: 8.41 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMSD

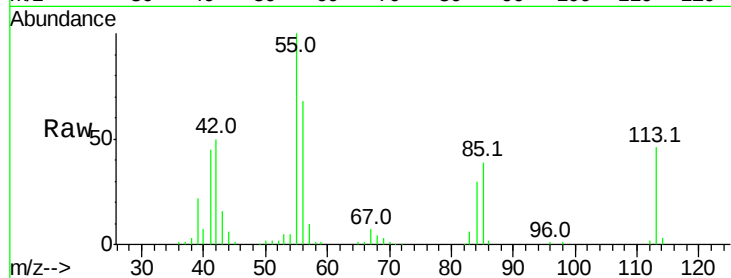
Tot Ion:113 Resp: 63067

Ion Ratio Lower Upper

113 100

55 217.7 150.2 190.2#

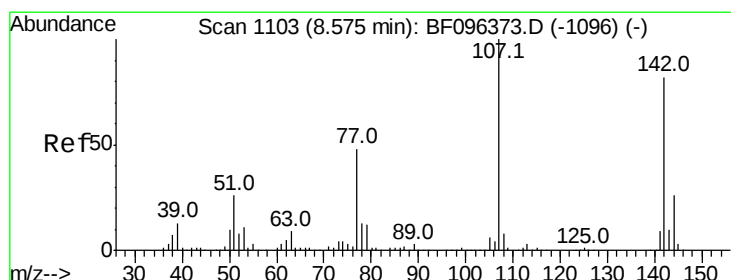
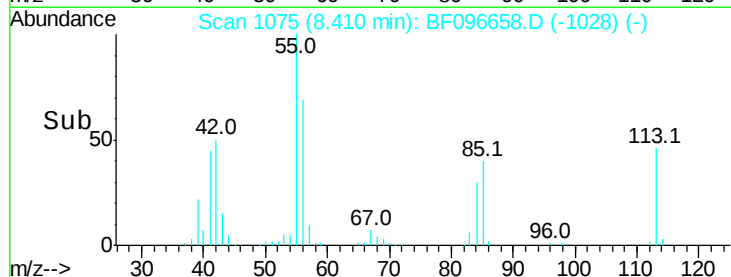
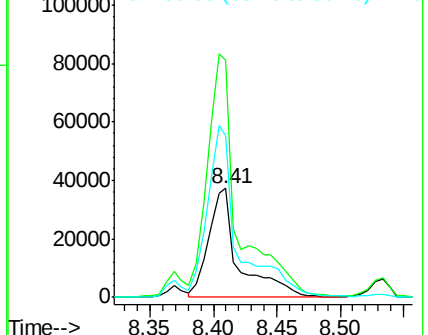
56 149.0 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.154 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

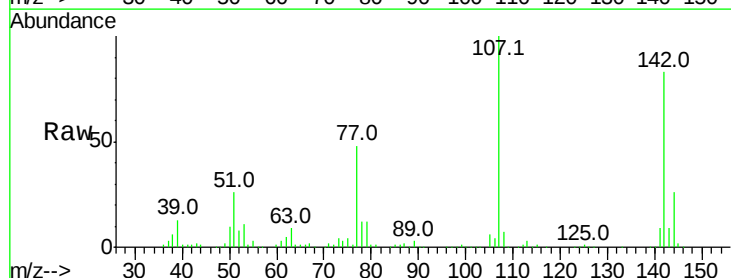
Tgt Ion:107 Resp: 243365

Ion Ratio Lower Upper

107 100

144 26.1 24.2 36.4

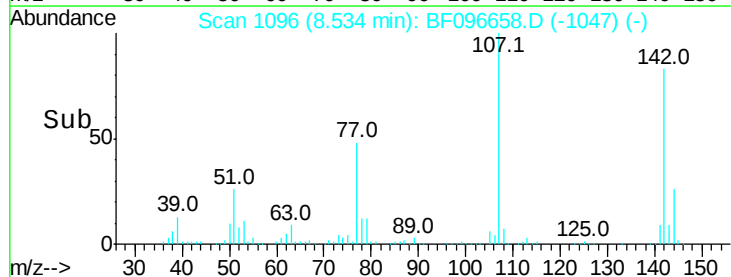
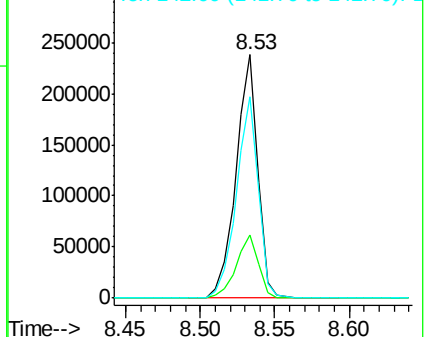
142 82.6 73.4 110.0

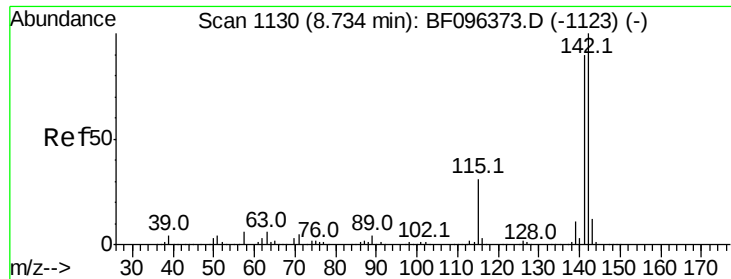


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

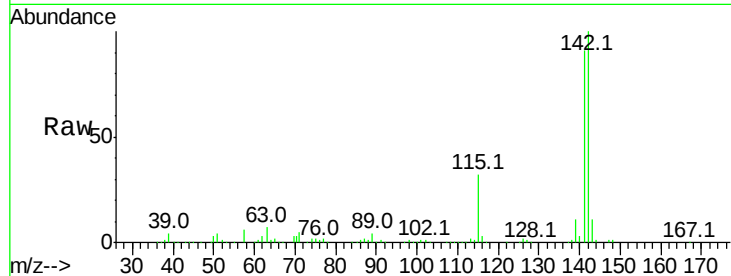




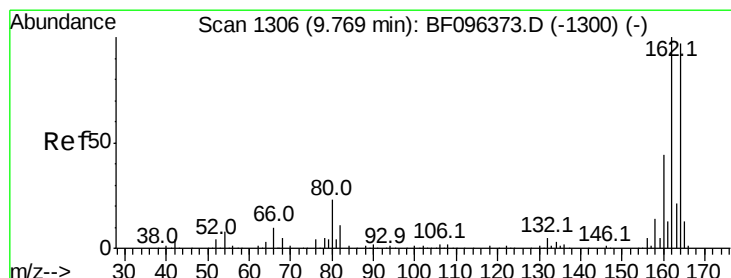
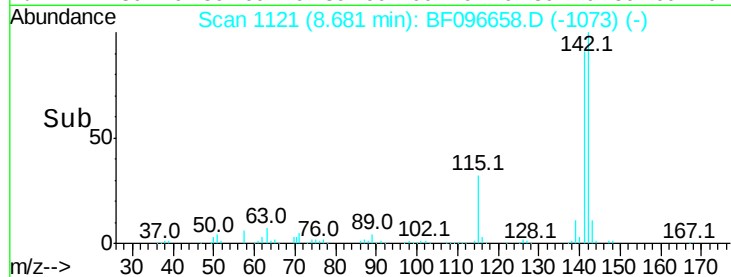
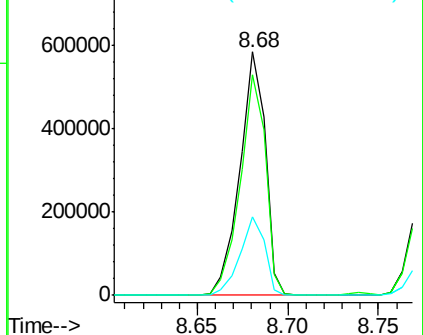
#37
 2-Methylnaphthalene
 Concen: 49.544 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.02 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.3	106.9
115	32.2	27.1	40.7

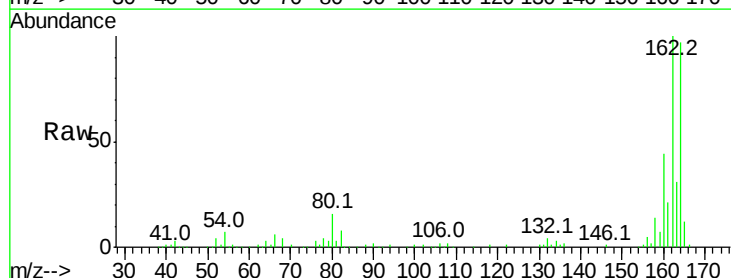


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

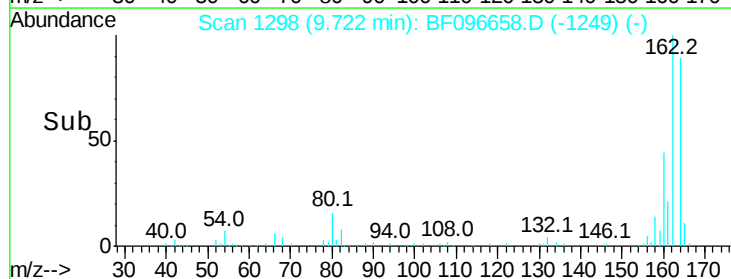
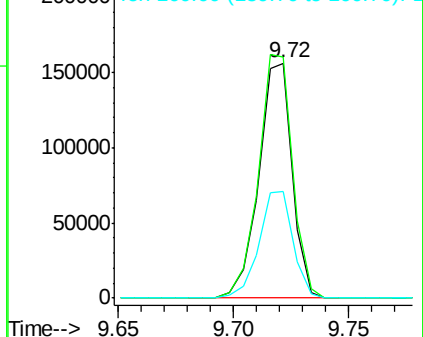


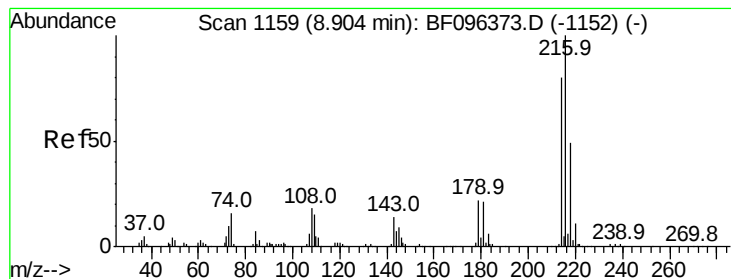
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	45.3	36.2	54.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.643 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMSD

Tot Ion:216 Resp: 198836

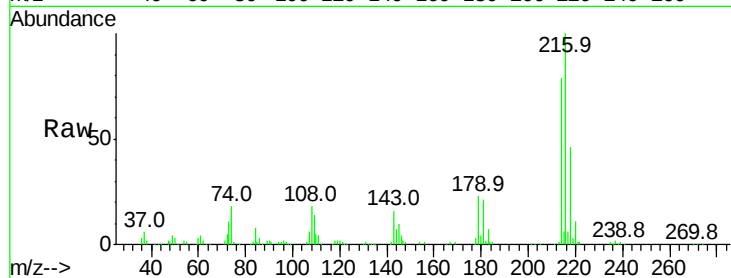
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 23.2 17.9 26.9

108 20.6 16.5 24.7

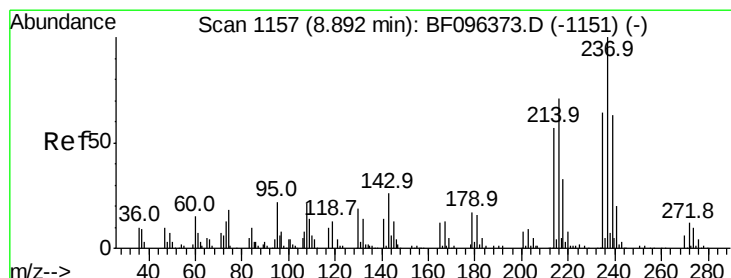
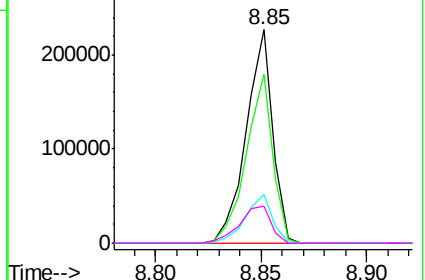
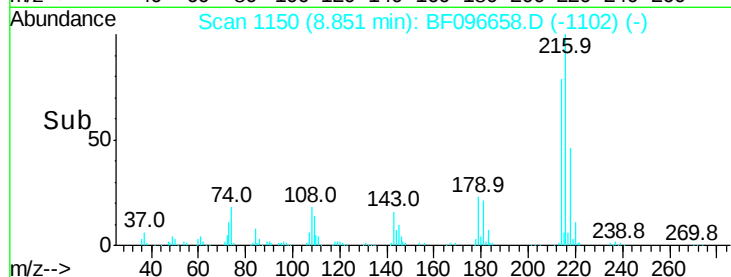


Abundance Ion 216.00 (215.70 to 216.70): E

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: 48.501 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

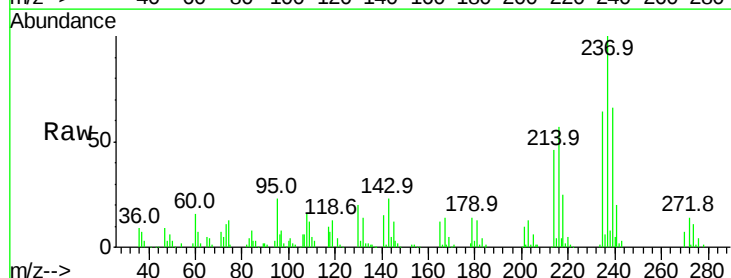
Tgt Ion:237 Resp: 96399

Ion Ratio Lower Upper

237 100

235 64.2 42.6 82.6

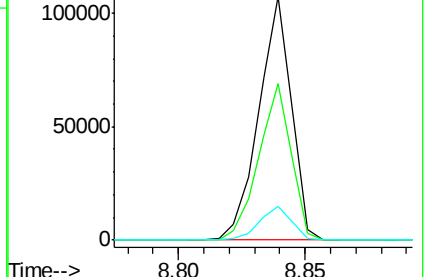
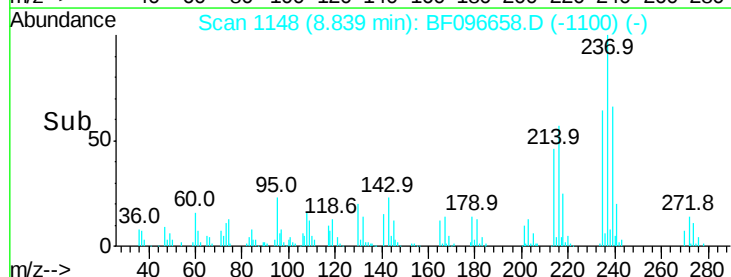
272 13.8 0.0 31.9

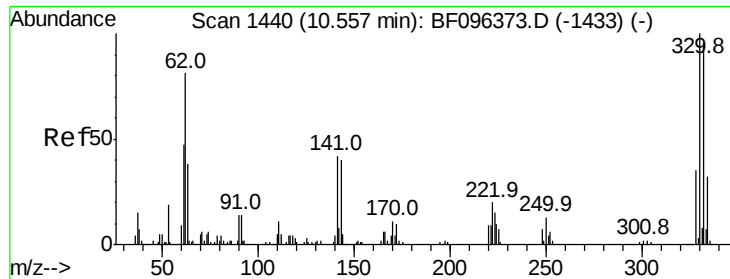


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

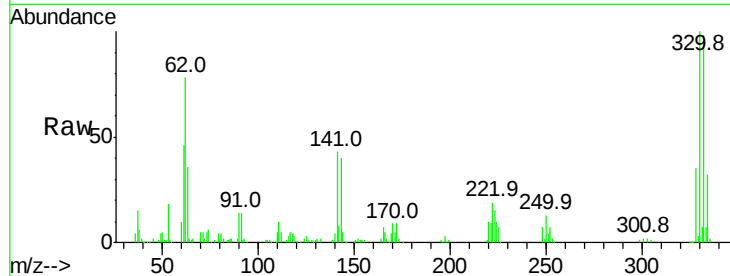




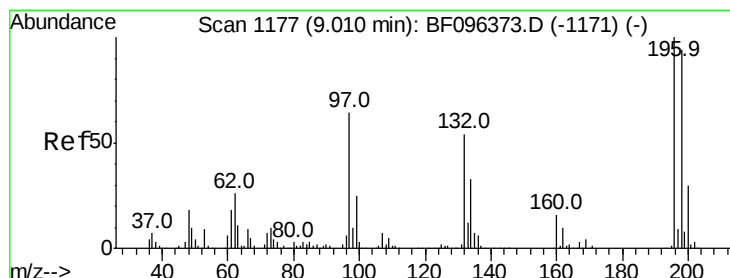
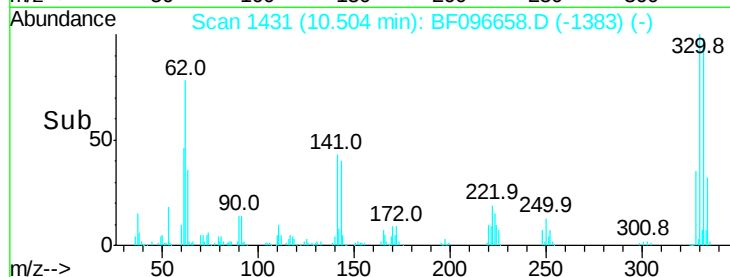
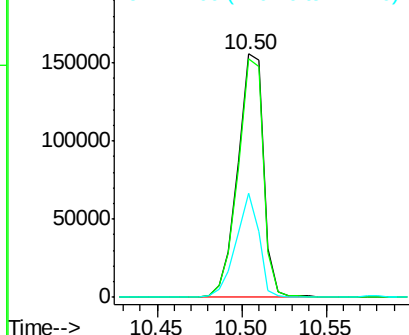
#41
 2,4,6-Tribromophenol
 Concen: 135.179 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMSD

Tot Ion:330 Resp: 166232
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 37.8 31.4 47.2

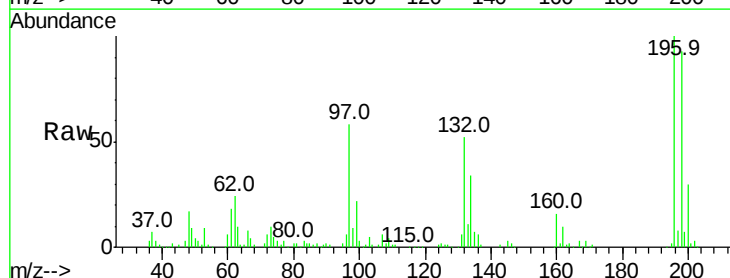


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

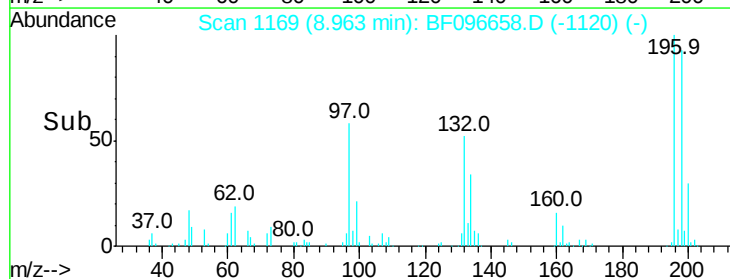
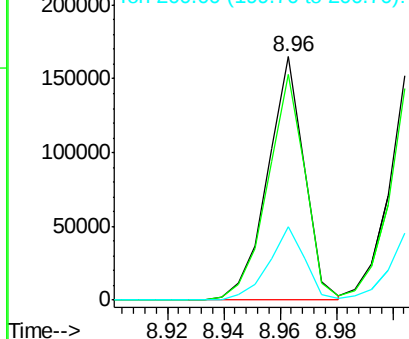


#42
 2,4,6-Trichlorophenol
 Concen: 45.910 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

Tgt Ion:196 Resp: 148460
 Ion Ratio Lower Upper
 196 100
 198 92.7 74.2 111.4
 200 30.3 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

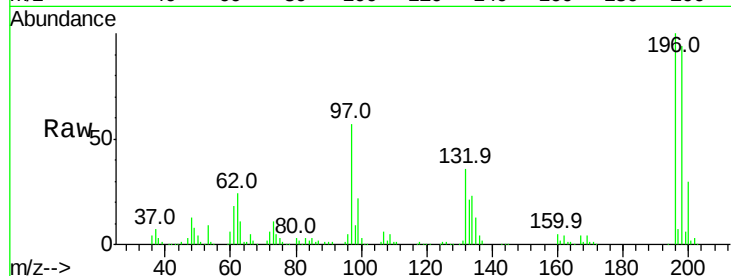




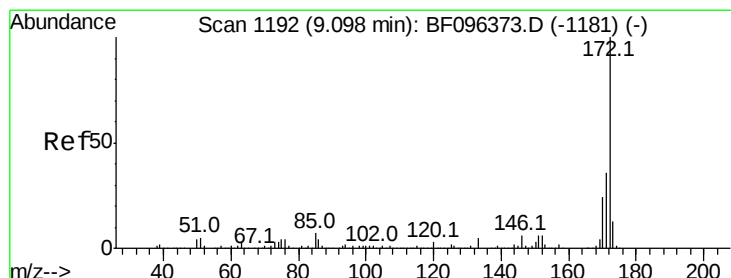
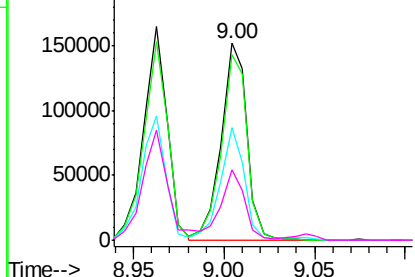
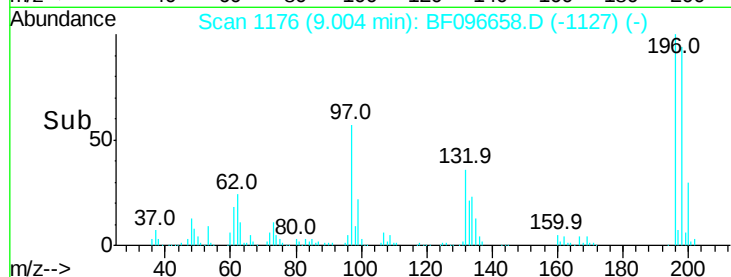
#43
 2,4,5-Trichlorophenol
 Concen: 47.323 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMSD

Tot Ion:196 Resp: 151306
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.7 113.5
 97 57.3 47.7 71.5
 132 35.5 28.0 42.0

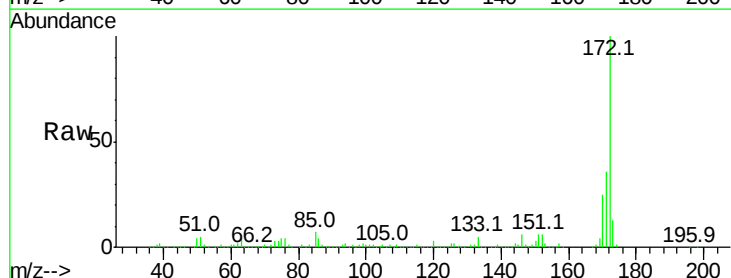


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

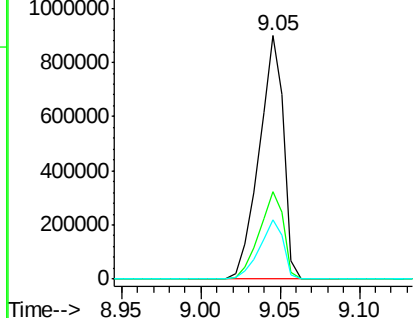
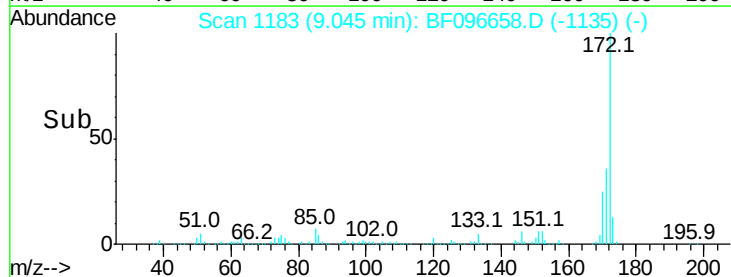


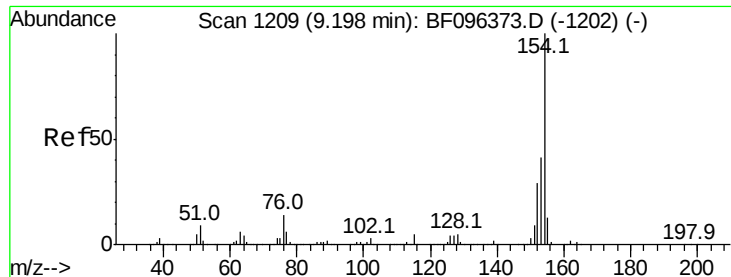
#44
 2-Fluorobiphenyl
 Concen: 105.278 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

Tgt Ion:172 Resp: 969360
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.6 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 46.495 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMSD

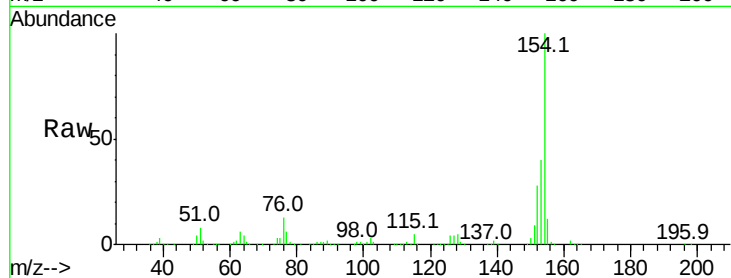
Tot Ion:154 Resp: 627166

Ion Ratio Lower Upper

154 100

153 40.5 21.2 61.2

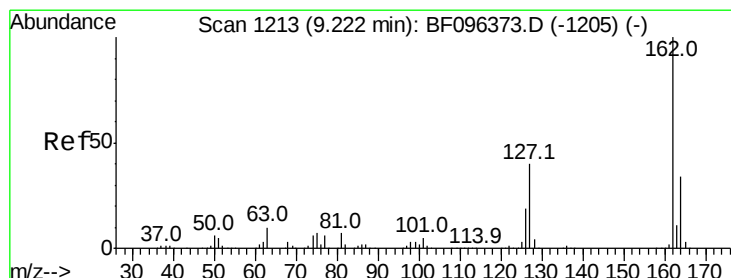
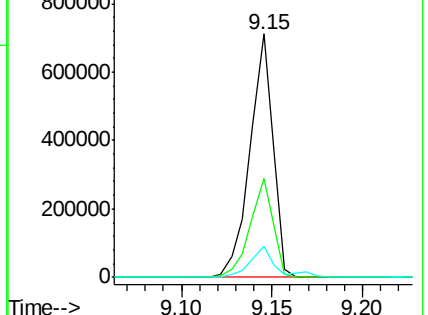
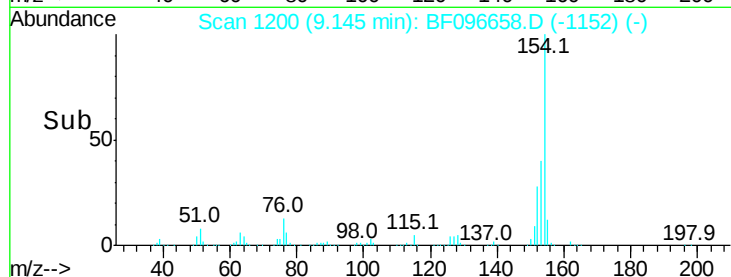
76 12.5 0.0 29.9



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: 47.341 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

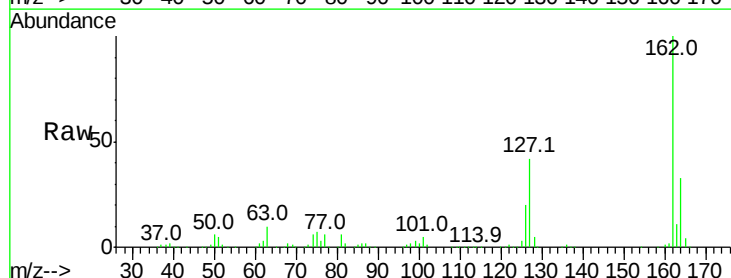
Tgt Ion:162 Resp: 475891

Ion Ratio Lower Upper

162 100

127 41.9 28.3 42.5

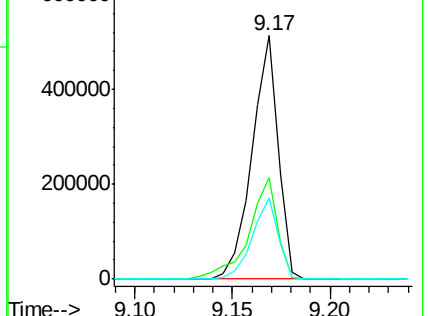
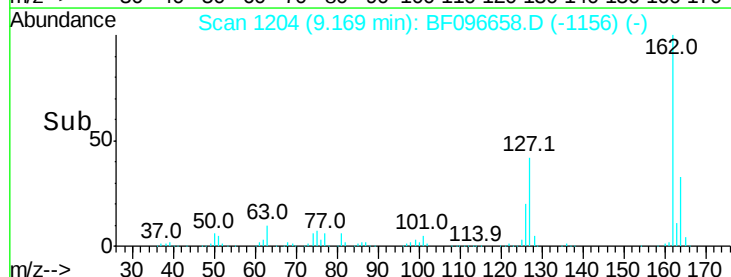
164 33.4 27.0 40.4

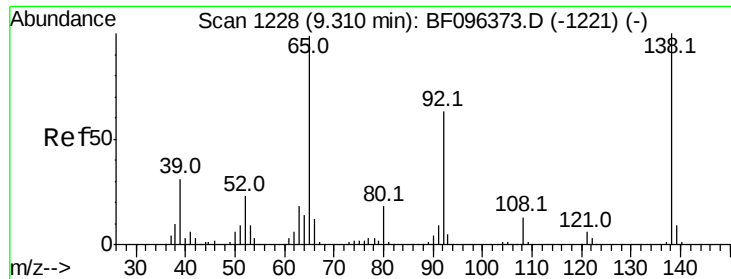


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

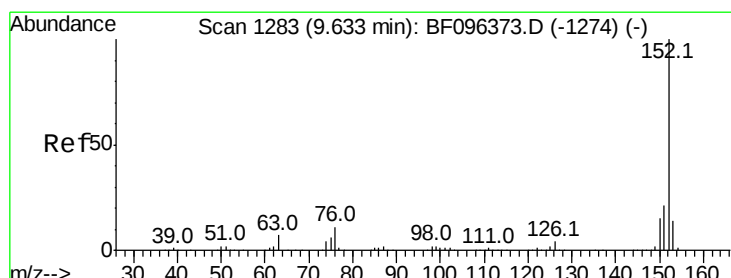
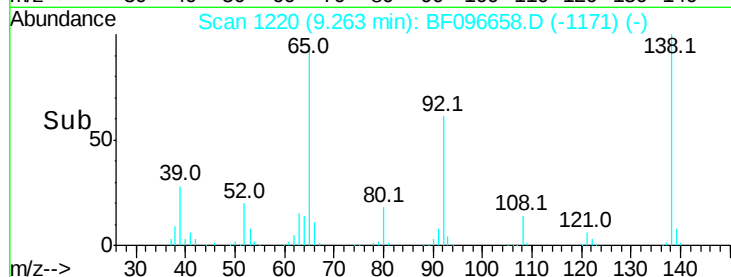
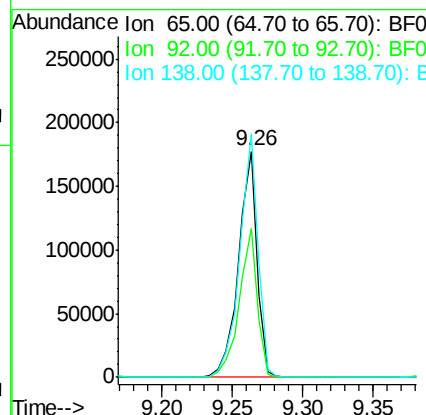
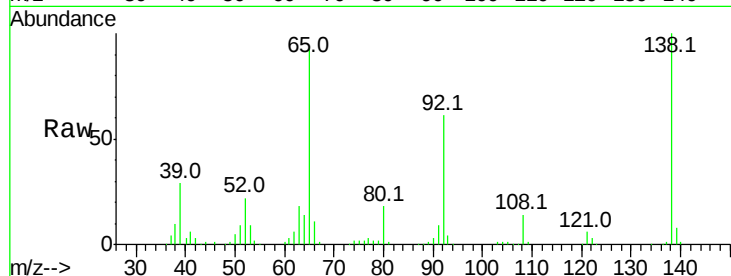




#47
 2-Nitroaniline
 Concen: 44.416 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

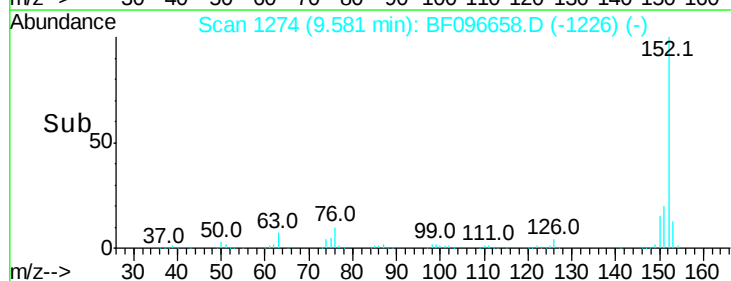
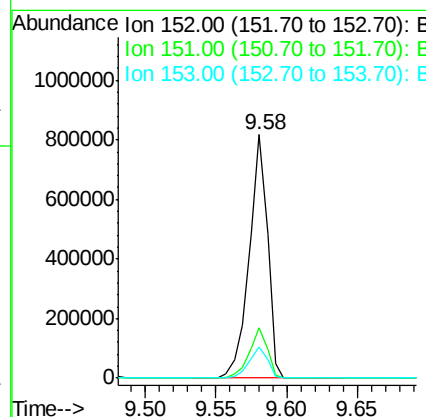
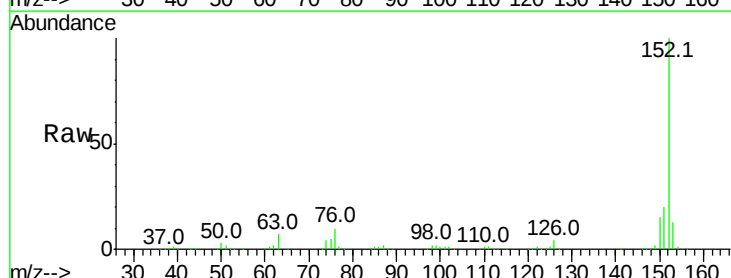
Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMSD

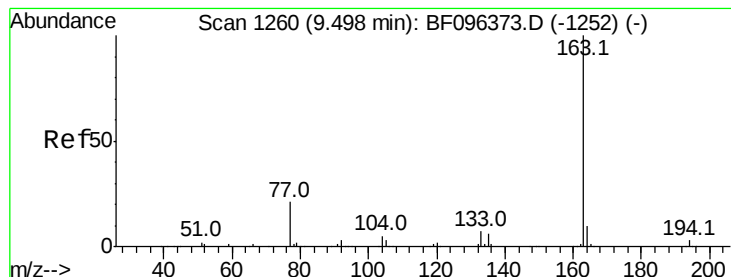
Tot Ion: 65 Resp: 162461
 Ion Ratio Lower Upper
 65 100
 92 65.7 53.9 80.9
 138 107.7 78.8 118.2



#48
 Acenaphthylene
 Concen: 46.477 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.02 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

Tgt Ion: 152 Resp: 740318
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 49.330 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMSD

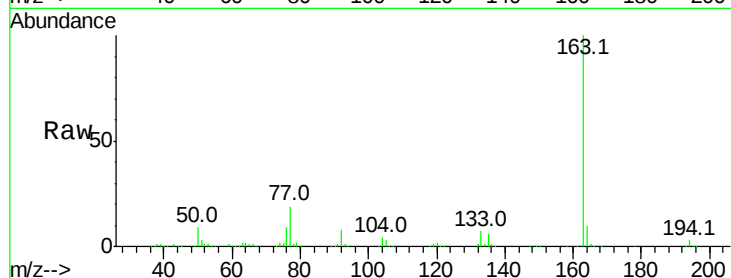
Tot Ion:163 Resp: 579736

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

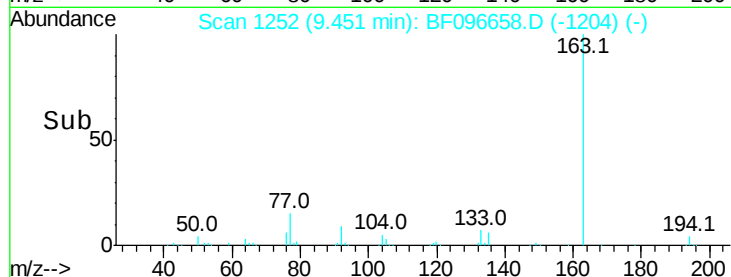
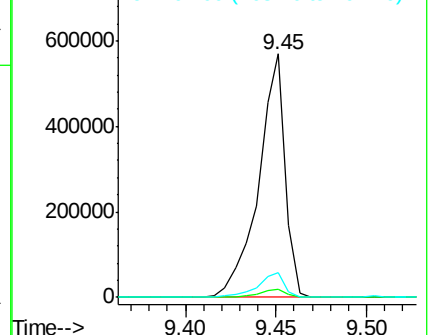
164 10.1 8.4 12.6



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: 46.089 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

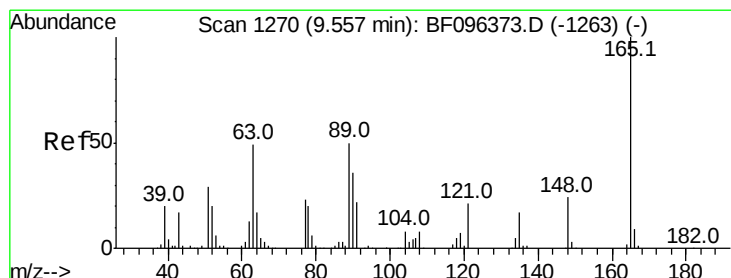
Tgt Ion:165 Resp: 119778

Ion Ratio Lower Upper

165 100

63 64.8 34.3 51.5#

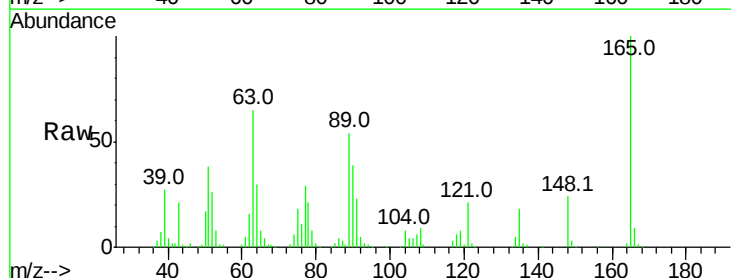
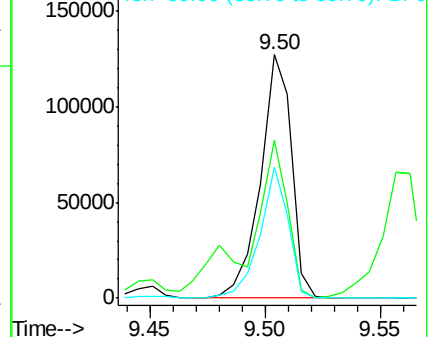
89 53.7 37.1 55.7

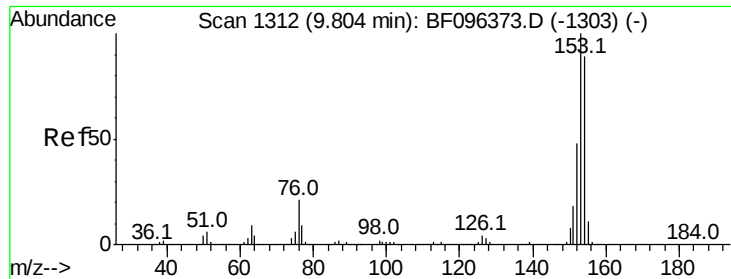


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.302 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMSD

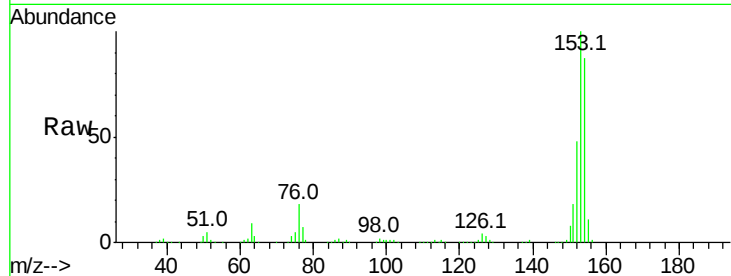
Tot Ion:154 Resp: 425162

Ion Ratio Lower Upper

154 100

153 115.3 90.5 135.7

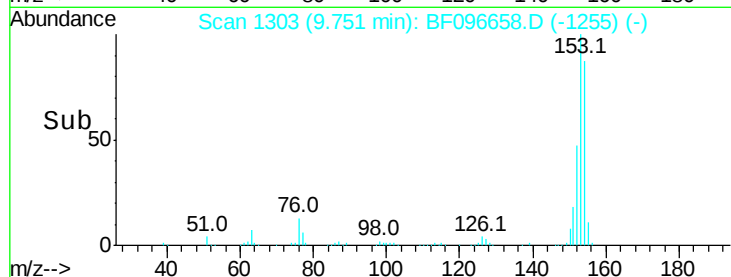
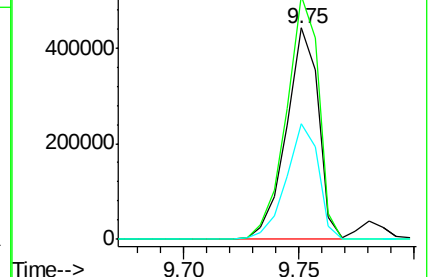
152 55.0 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.490 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

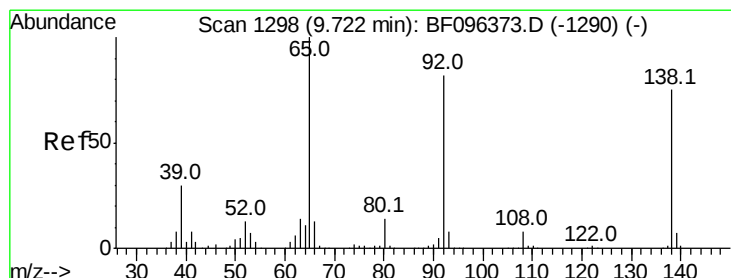
Tgt Ion:138 Resp: 53450

Ion Ratio Lower Upper

138 100

108 10.0 9.1 13.7

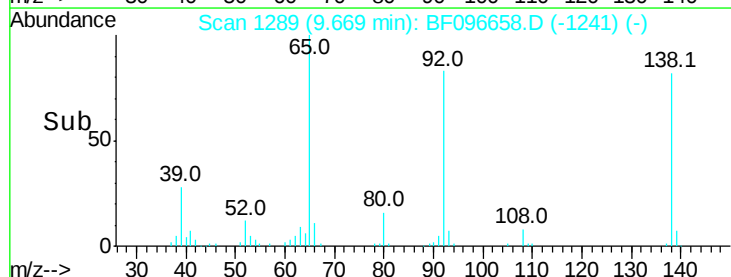
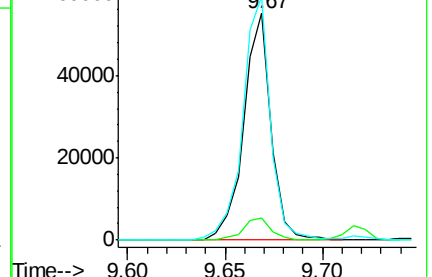
92 107.4 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

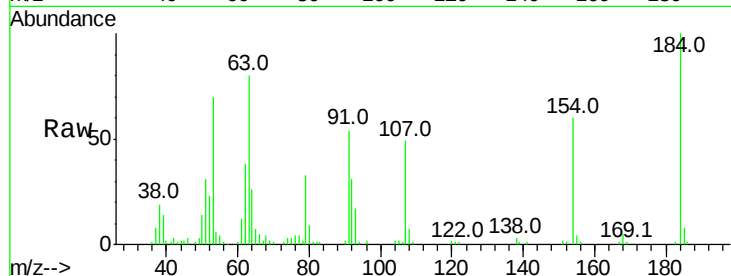




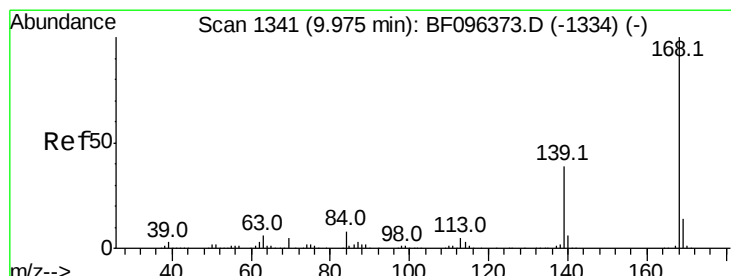
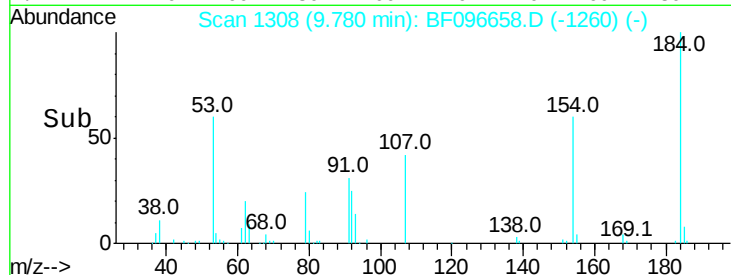
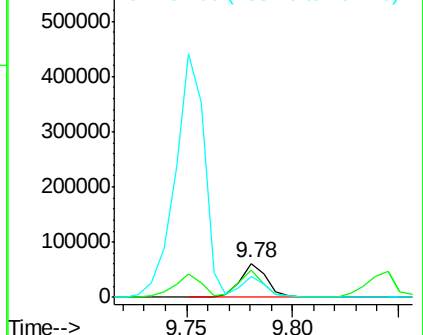
#53
 2,4-Dinitrophenol
 Concen: 39.642 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMSD

Tot Ion:184 Resp: 54720
 Ion Ratio Lower Upper
 184 100
 63 80.2 62.7 94.1
 154 60.1 81.1 121.7#

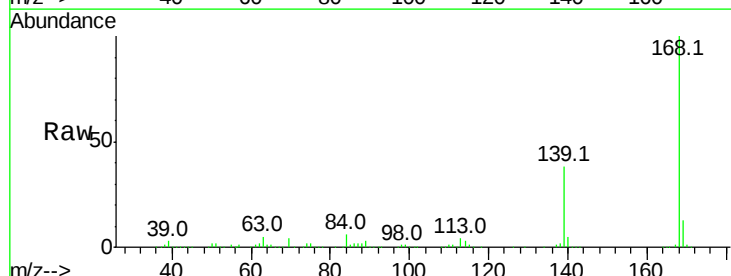


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

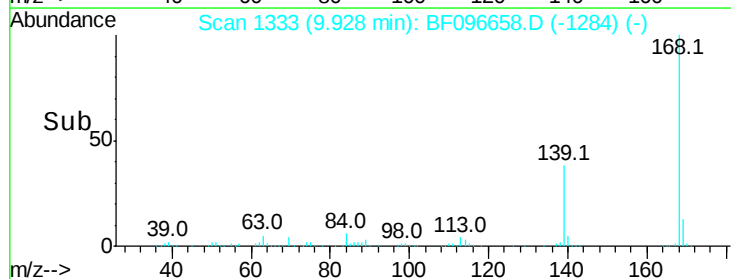
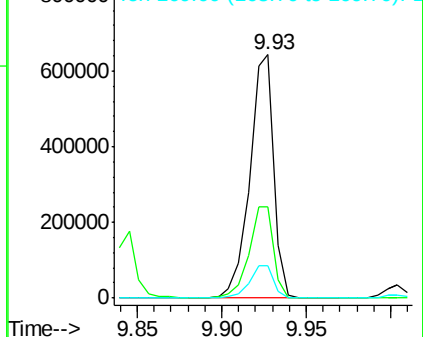


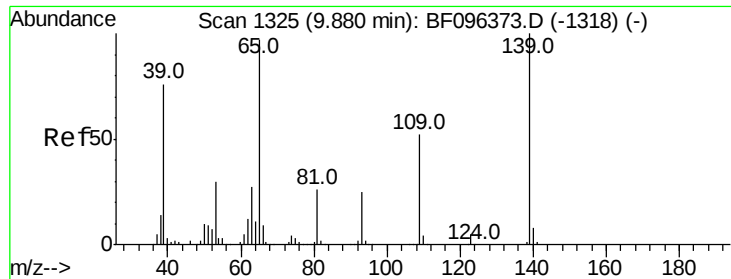
#54
 Dibenzofuran
 Concen: 49.120 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

Tgt Ion:168 Resp: 636745
 Ion Ratio Lower Upper
 168 100
 139 37.5 30.6 45.8
 169 13.1 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

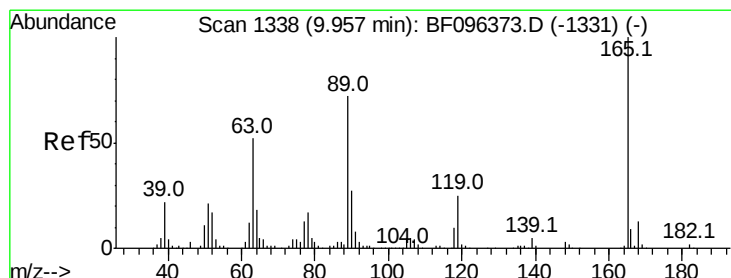
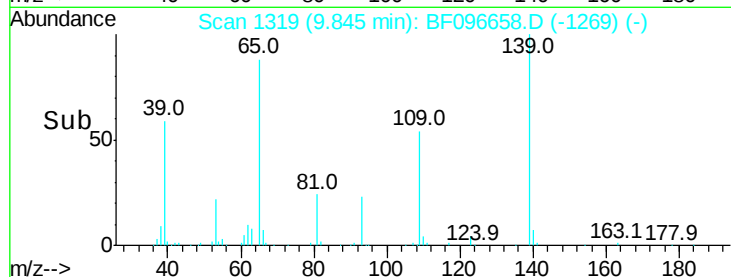
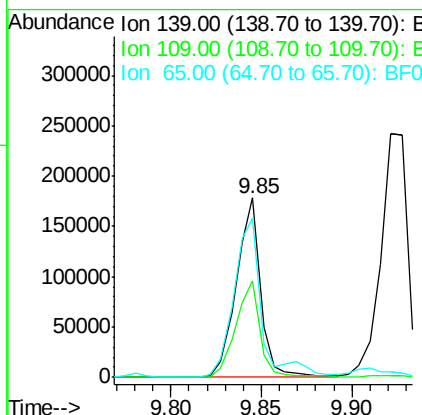
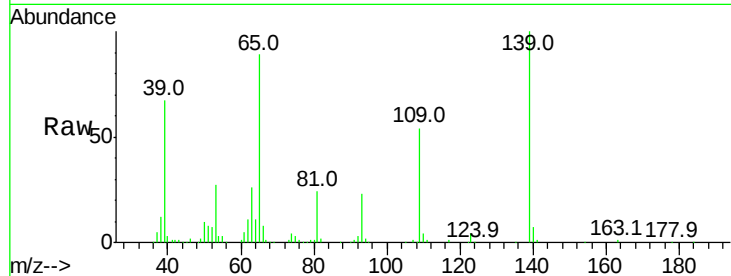




#55
4-Nitrophenol
Concen: 61.875 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

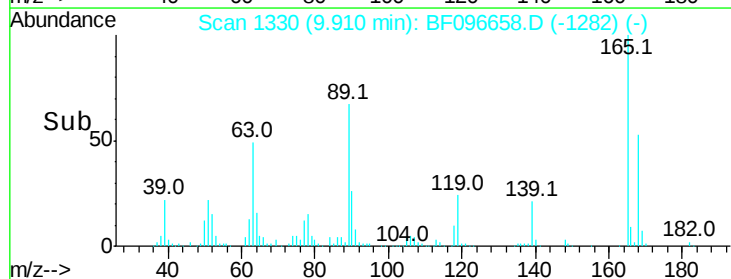
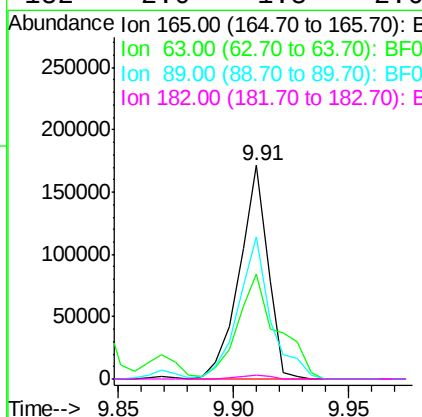
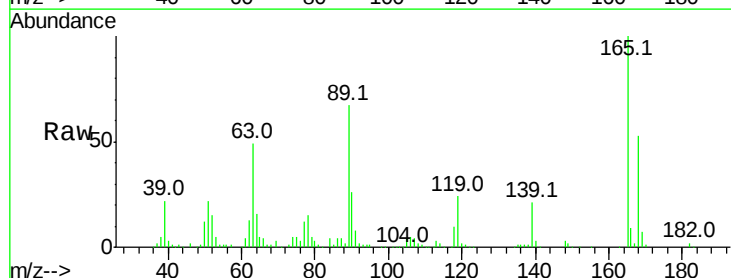
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMSD

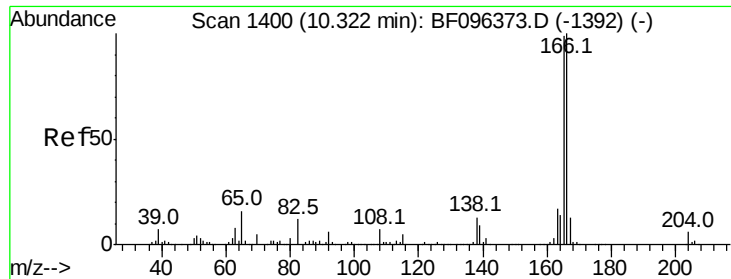
Tot Ion:139 Resp: 166238
Ion Ratio Lower Upper
139 100
109 53.9 34.1 74.1
65 89.1 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 44.907 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

Tgt Ion:165 Resp: 147792
Ion Ratio Lower Upper
165 100
63 49.4 25.4 38.0#
89 66.8 46.4 69.6
182 2.0 1.8 2.6

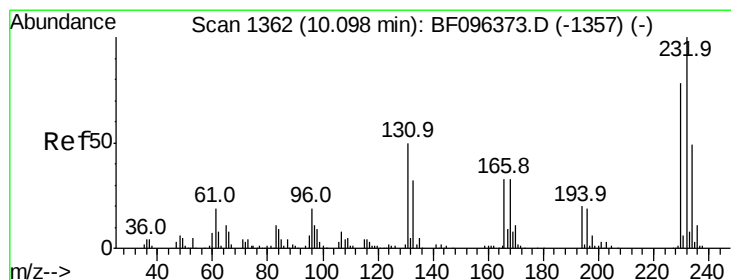
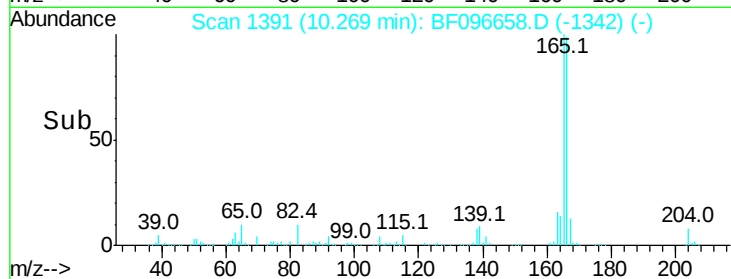
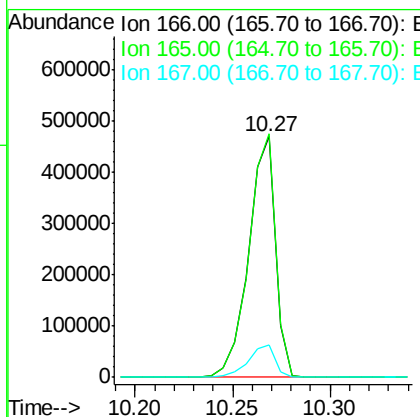
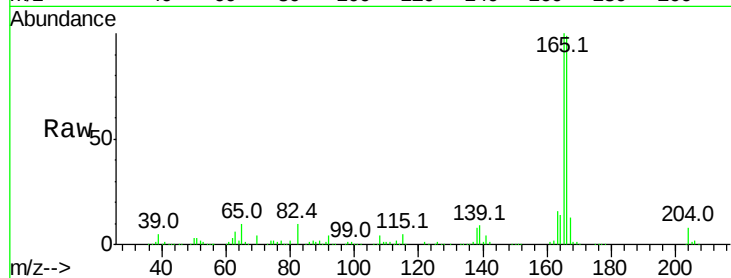




#57
 Fluorene
 Concen: 48.927 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

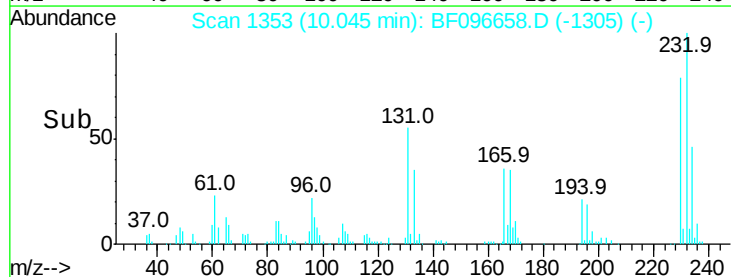
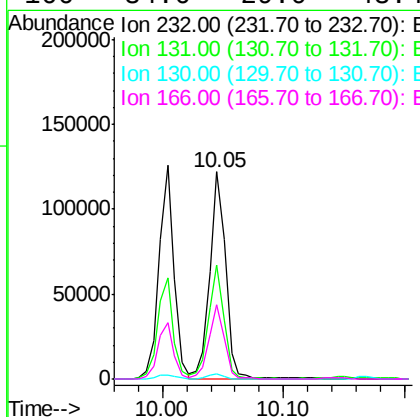
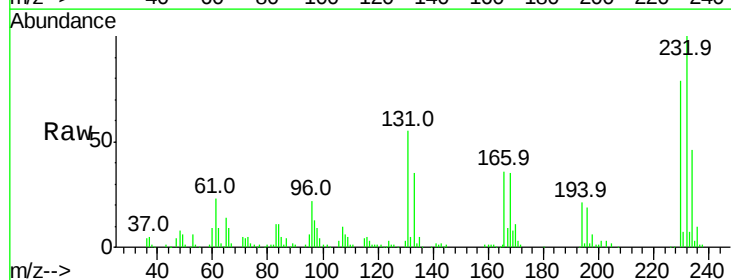
Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMSD

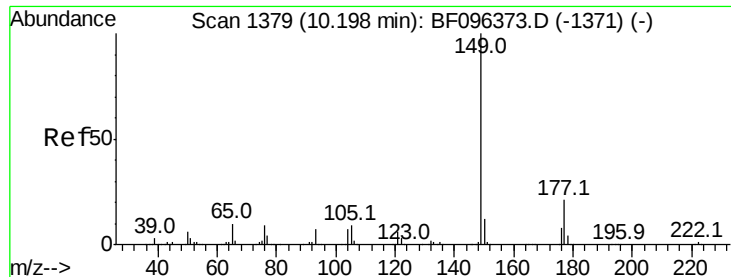
Tot Ion:166 Resp: 447938
 Ion Ratio Lower Upper
 166 100
 165 101.2 78.8 118.2
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.242 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

Tgt Ion:232 Resp: 111141
 Ion Ratio Lower Upper
 232 100
 131 54.2 44.8 67.2
 130 2.2 2.3 3.5#
 166 34.6 29.0 43.4

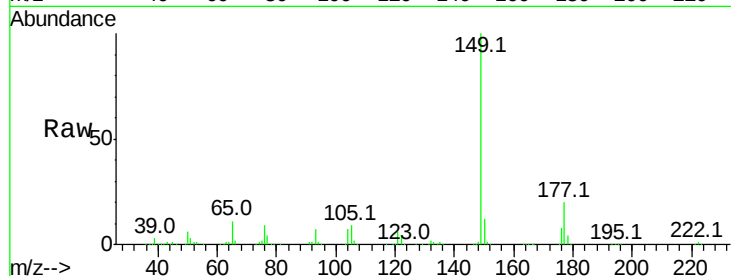




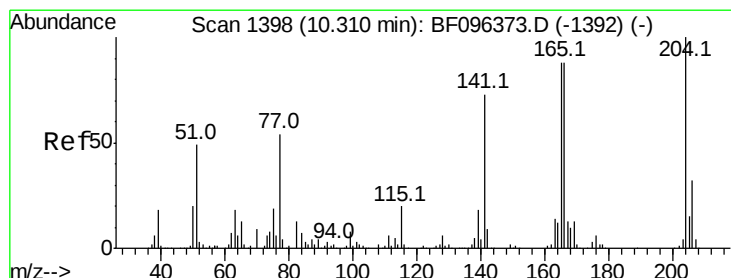
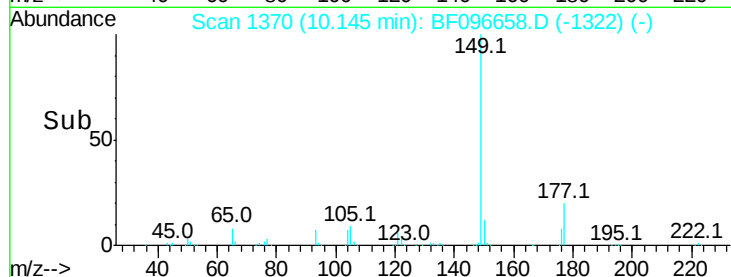
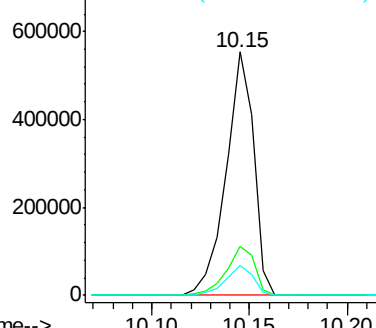
#59
Diethylphthalate
Concen: 48.836 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMSD

Tot Ion:149 Resp: 542490
Ion Ratio Lower Upper
149 100
177 20.1 16.7 25.1
150 12.5 10.2 15.2

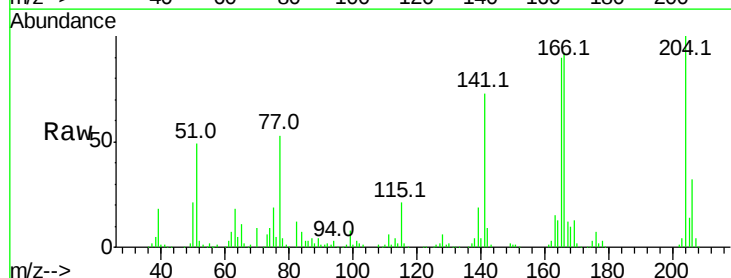


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

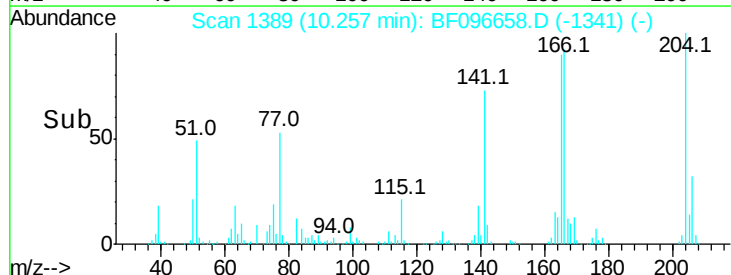
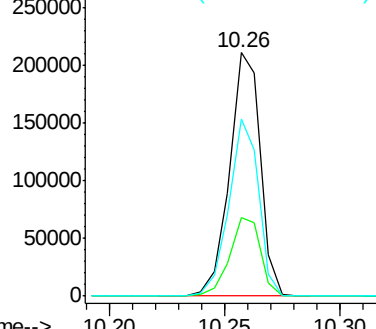


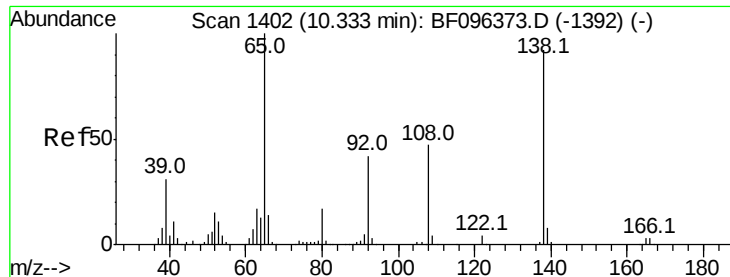
#60
4-Chlorophenyl-phenylether
Concen: 49.187 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

Tgt Ion:204 Resp: 195931
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 72.8 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

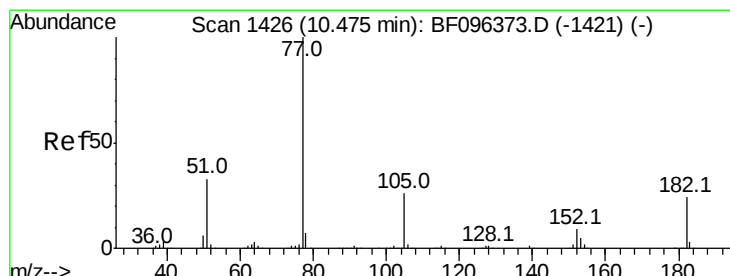
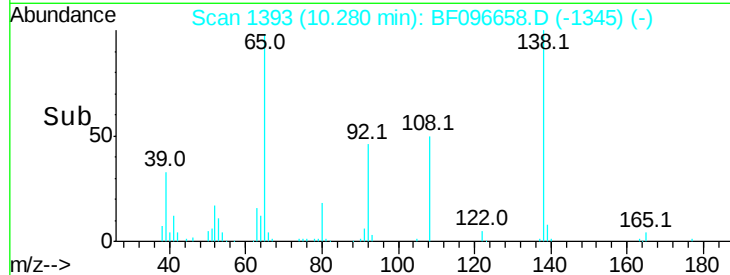
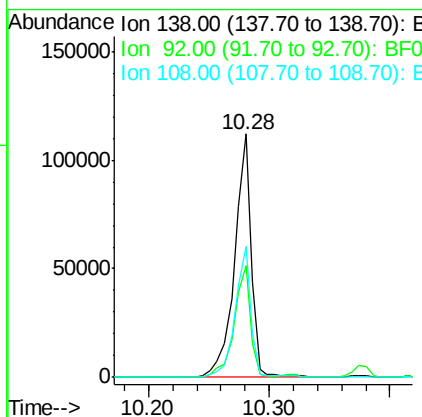
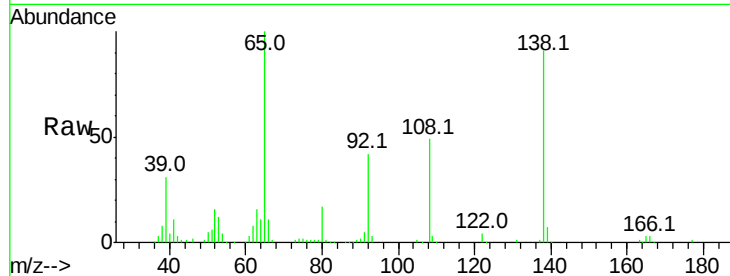




#61
4-Nitroaniline
Concen: 36.740 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

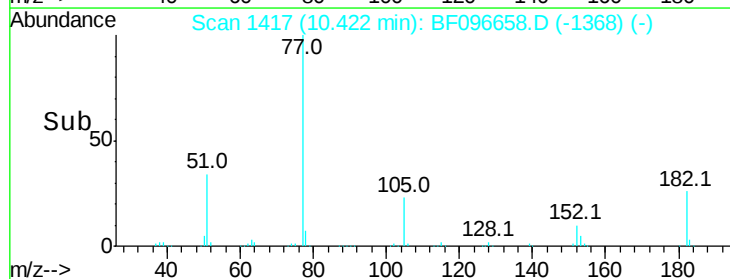
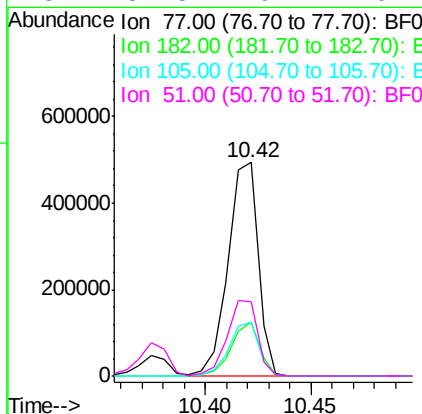
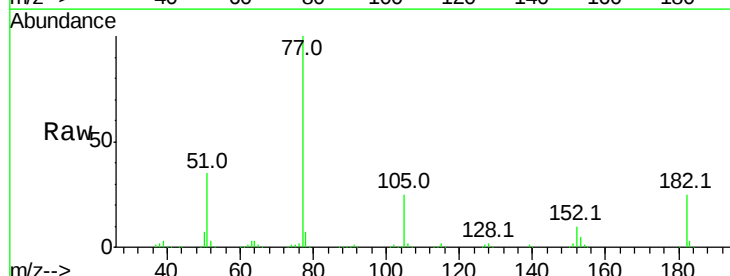
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMSD

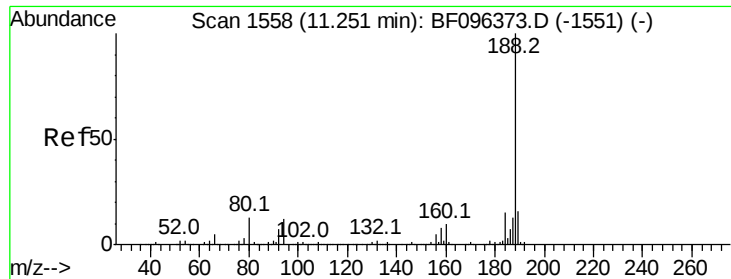
Tot Ion:138 Resp: 108288
Ion Ratio Lower Upper
138 100
92 46.1 21.8 61.8
108 53.8 42.3 82.3



#62
Azobenzene
Concen: 45.142 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

Tgt Ion: 77 Resp: 484881
Ion Ratio Lower Upper
77 100
182 25.3 0.1 40.1
105 25.2 3.6 43.6
51 34.8 9.4 49.4

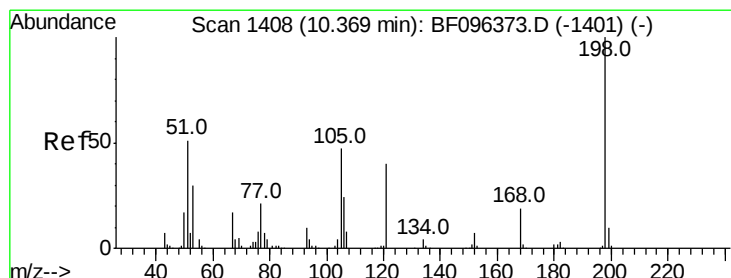
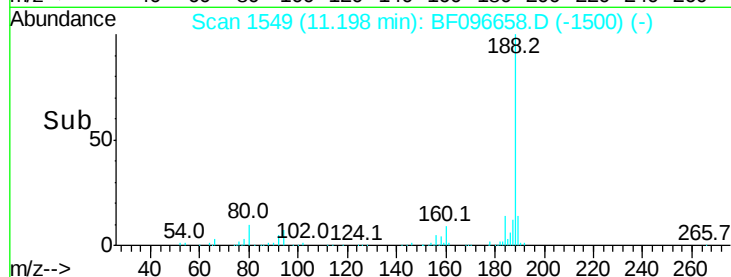
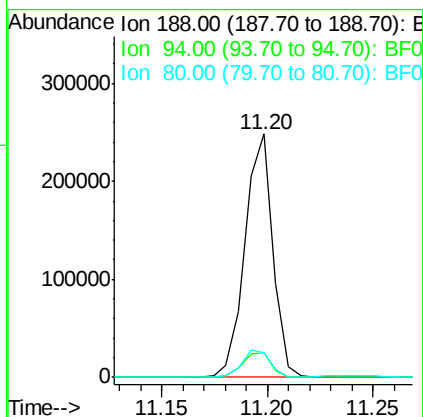
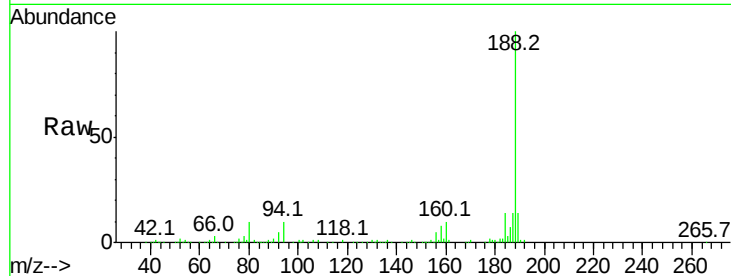




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

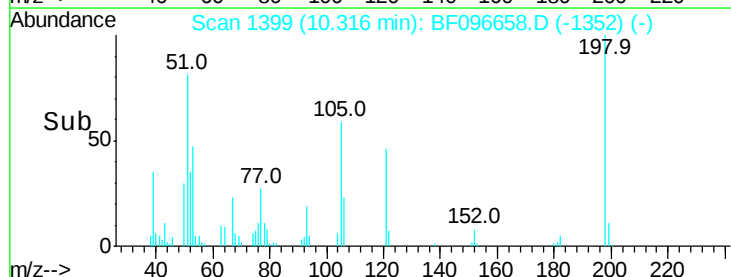
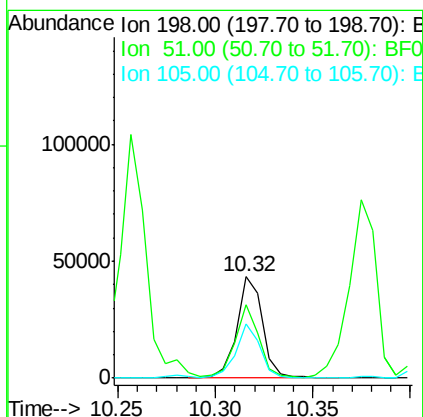
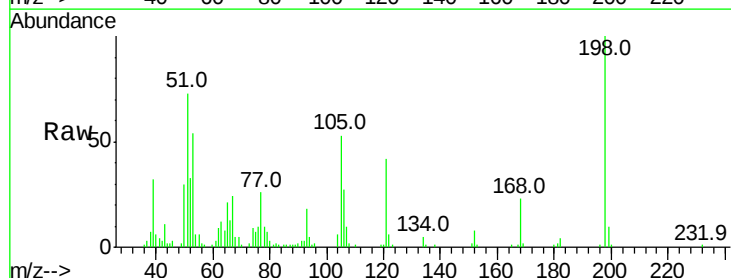
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMSD

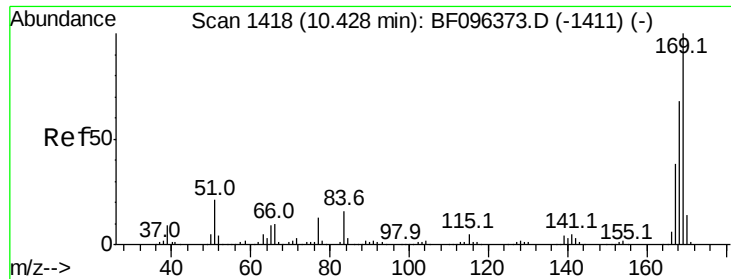
Tot Ion:188 Resp: 227310
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 10.0 10.2 15.2#



#64
4,6-Dinitro-2-methylphenol
Concen: 25.102 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

Tgt Ion:198 Resp: 39351
Ion Ratio Lower Upper
198 100
51 73.2 53.2 93.2
105 53.2 45.8 85.8

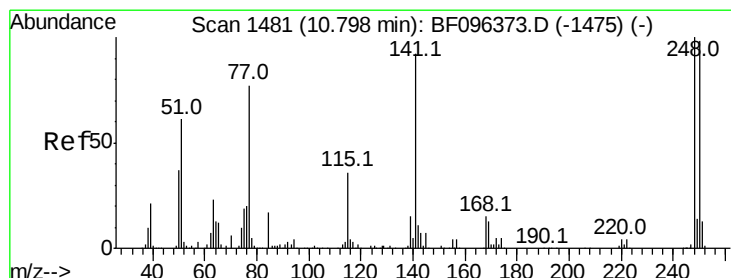
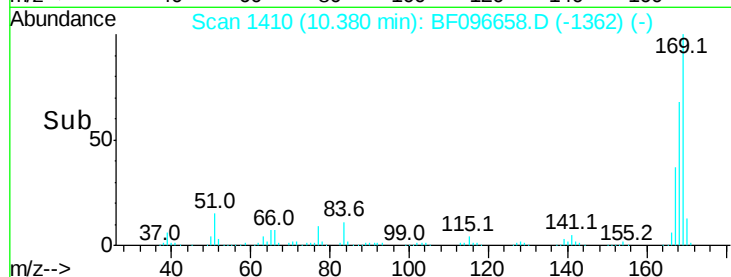
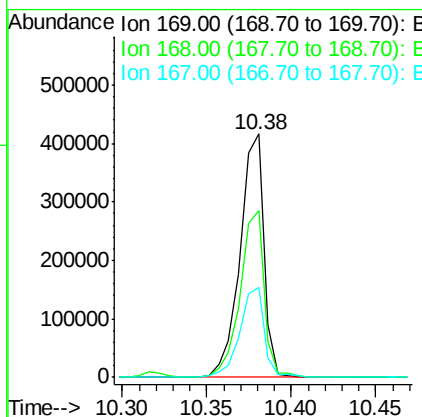
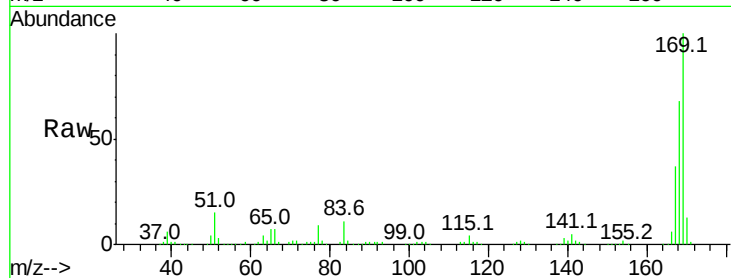




#65
 n-Nitrosodiphenylamine
 Concen: 51.470 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

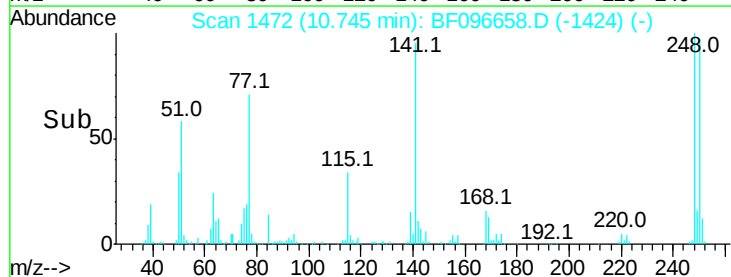
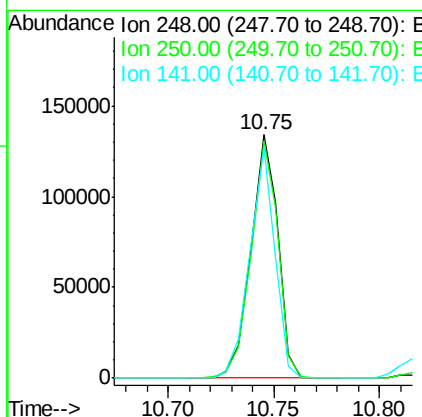
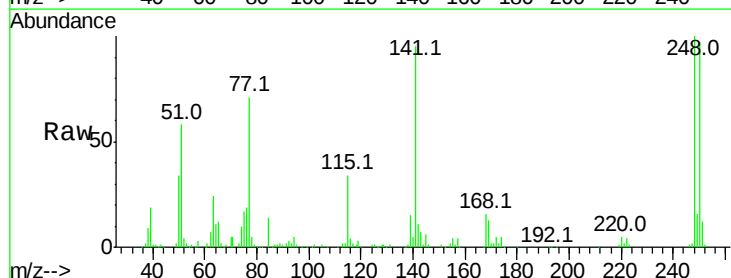
Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMSD

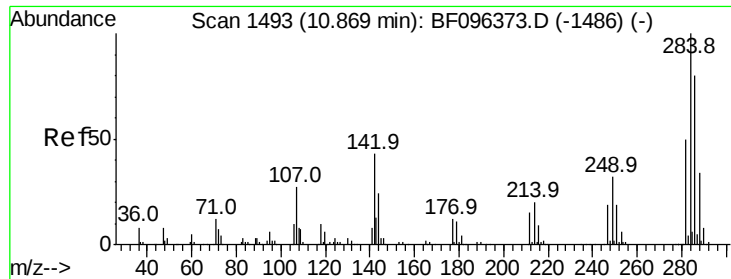
Tot Ion:169 Resp: 410500
 Ion Ratio Lower Upper
 169 100
 168 68.5 53.2 79.8
 167 36.7 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 53.971 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

Tgt Ion:248 Resp: 119425
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.8 115.2
 141 94.9 68.6 103.0

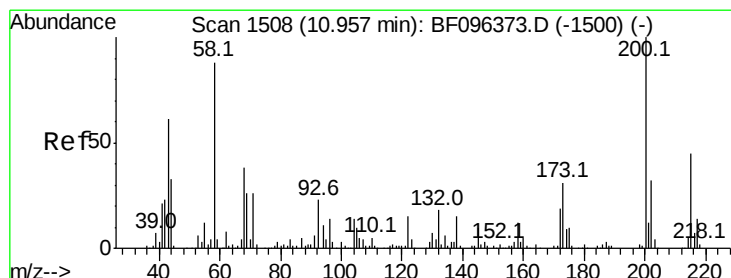
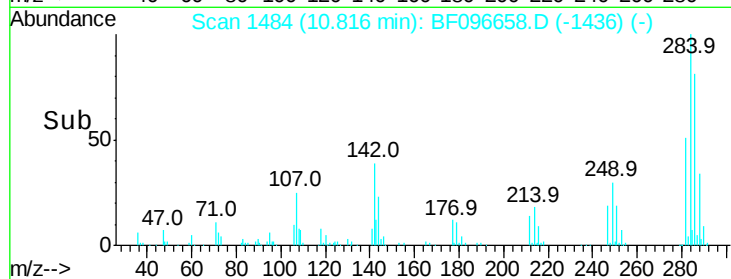
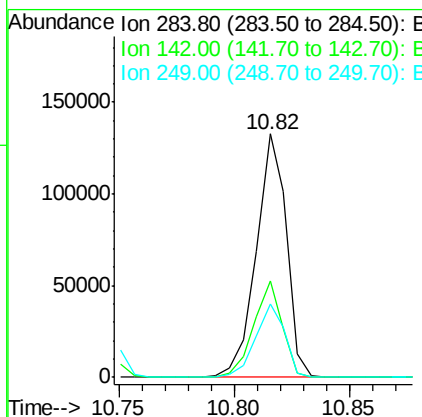
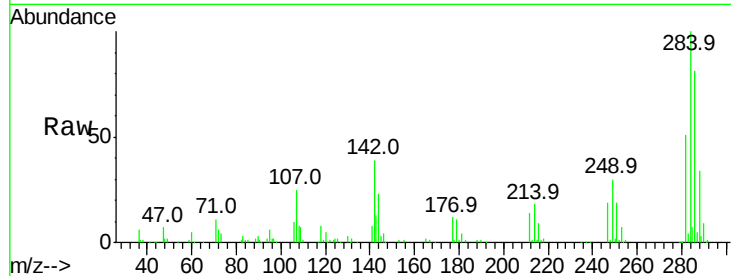




#67
 Hexachlorobenzene
 Concen: 50.053 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.02 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

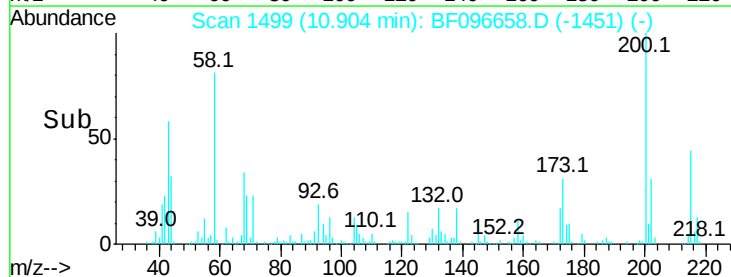
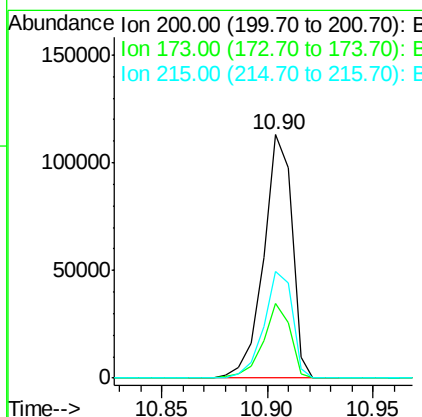
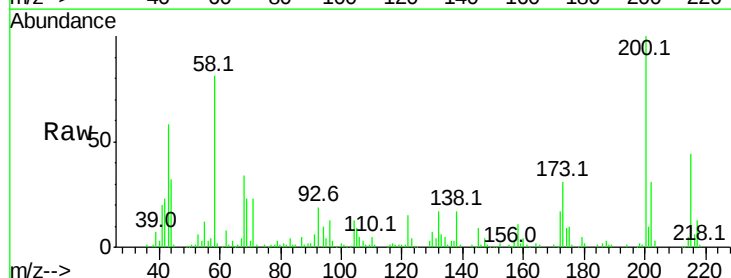
Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMSD

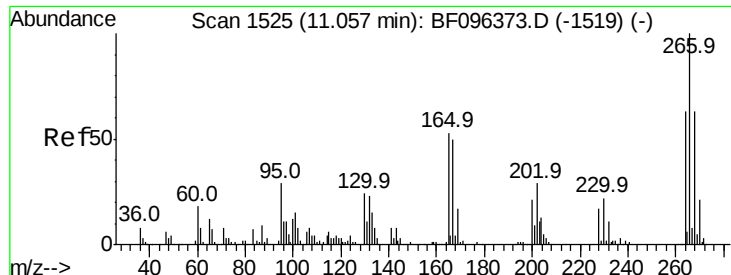
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.3	22.8	34.2#
249	30.3	24.0	36.0



#68
 Atrazine
 Concen: 46.413 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. -0.02 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.8	6.3	46.3
215	44.1	27.2	67.2

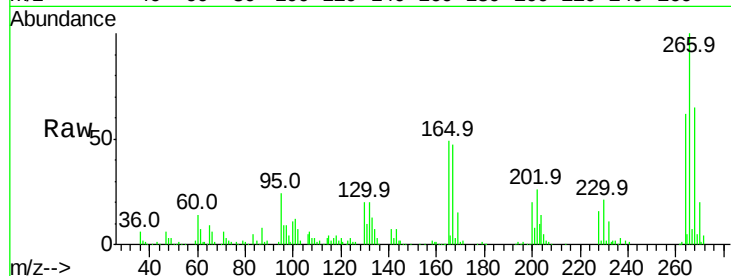




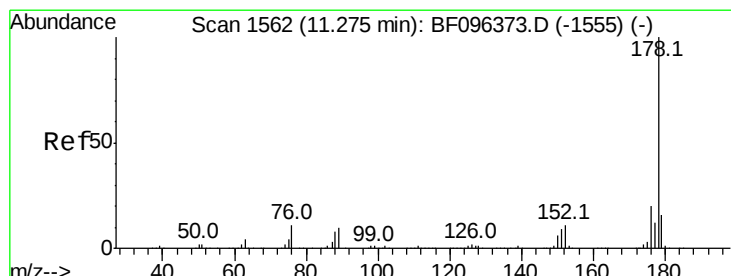
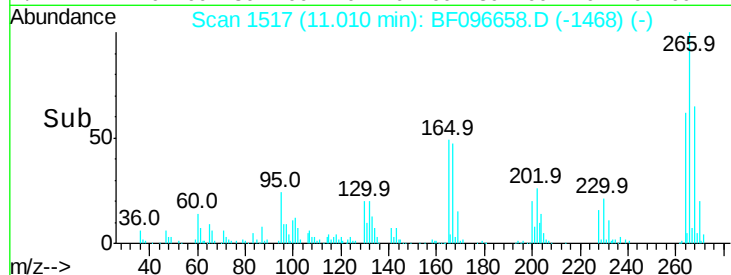
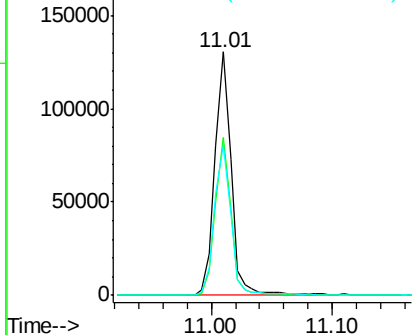
#69
 Pentachlorophenol
 Concen: 84.441 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMSD

Tot Ion:266 Resp: 121225
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.1 76.7
 264 61.8 51.7 77.5

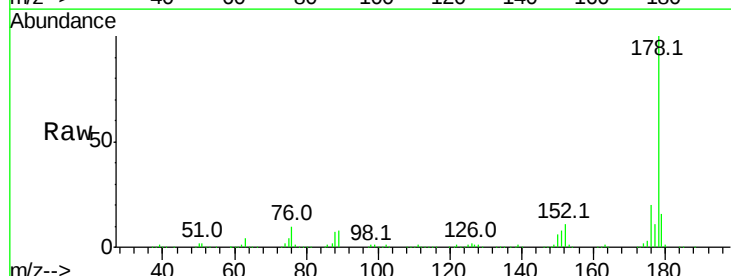


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

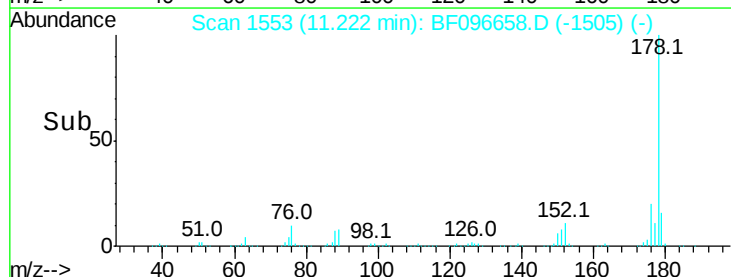
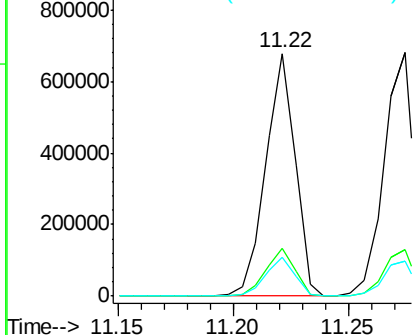


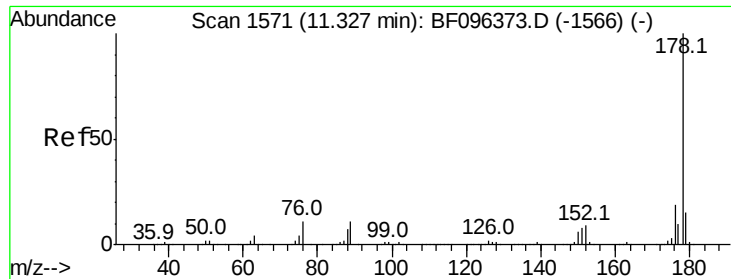
#70
 Phenanthrene
 Concen: 49.139 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.02 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

Tgt Ion:178 Resp: 603808
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.7 12.6 19.0



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





#71

Anthracene

Concen: 49.008 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMSD

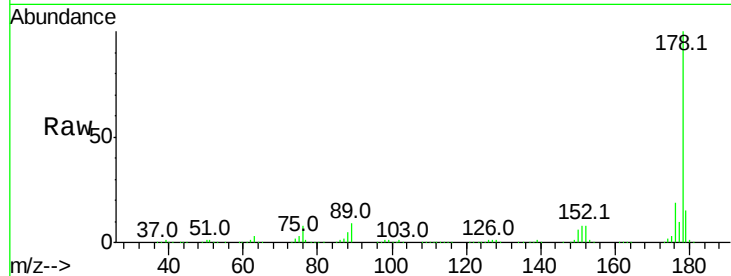
Tot Ion:178 Resp: 613672

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

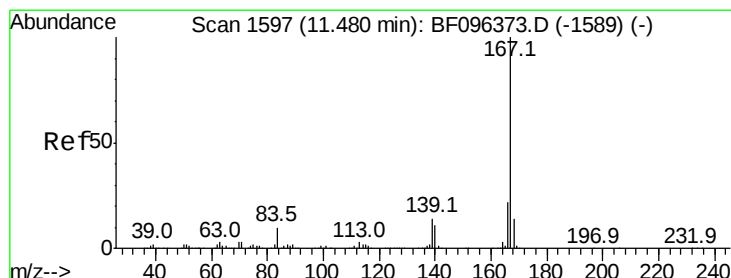
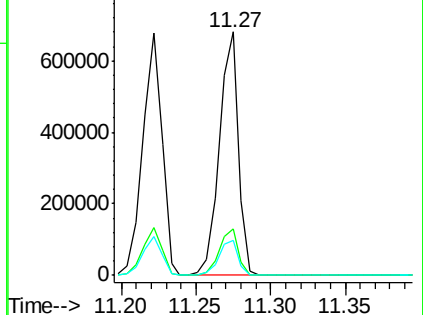
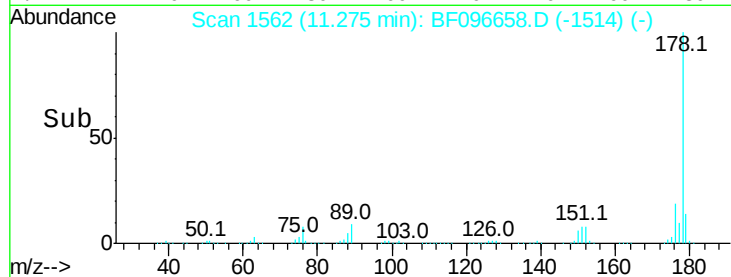
179 14.6 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.429 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

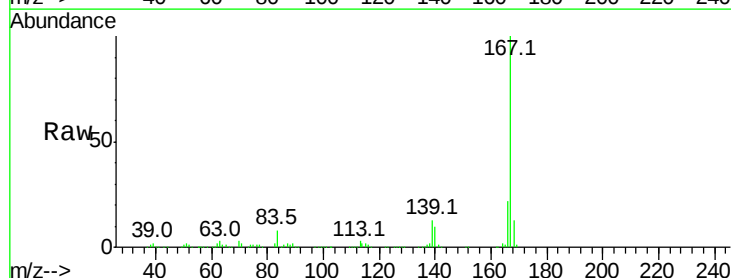
Tgt Ion:167 Resp: 559484

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

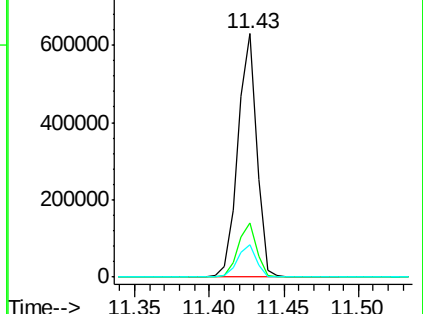
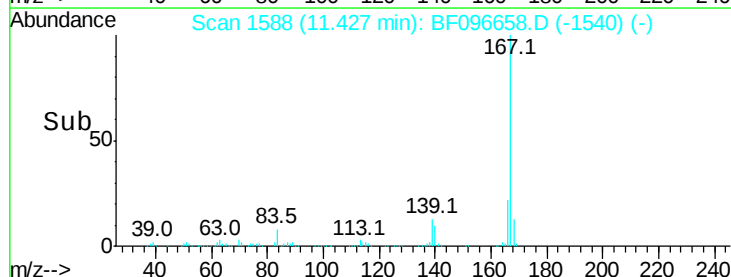
139 13.4 11.7 17.5

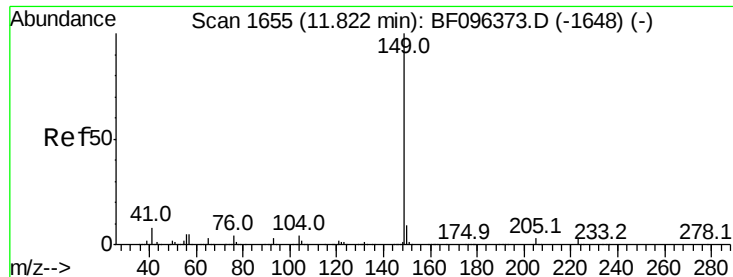


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.751 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMSD

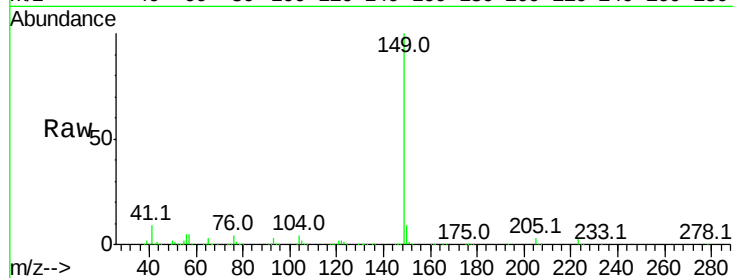
Tot Ion:149 Resp: 743583

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

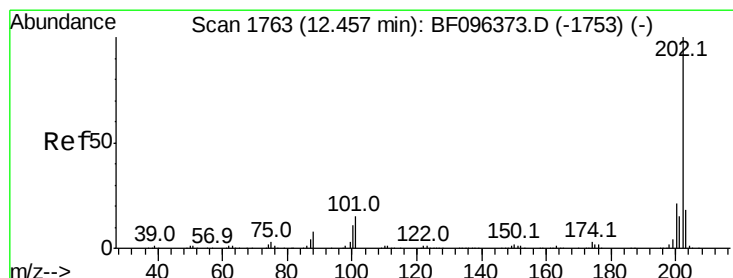
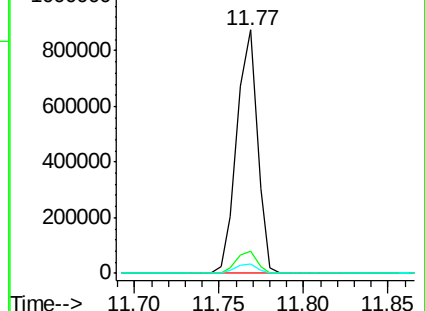
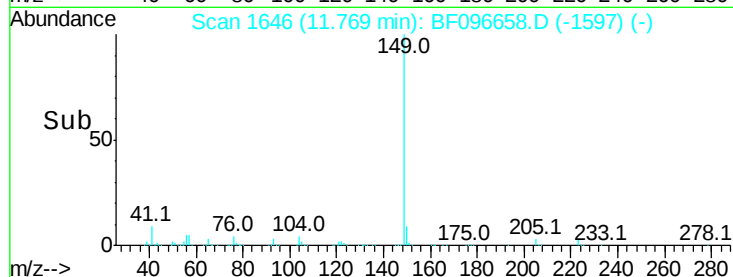
104 4.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.118 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

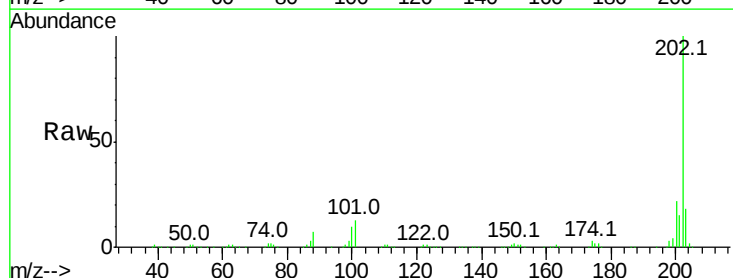
Tgt Ion:202 Resp: 555602

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.2

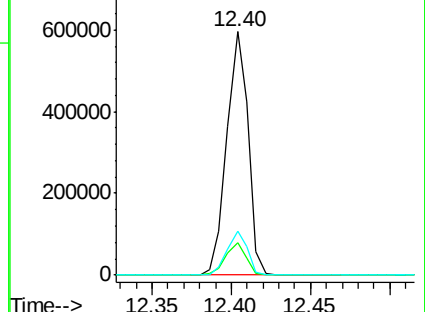
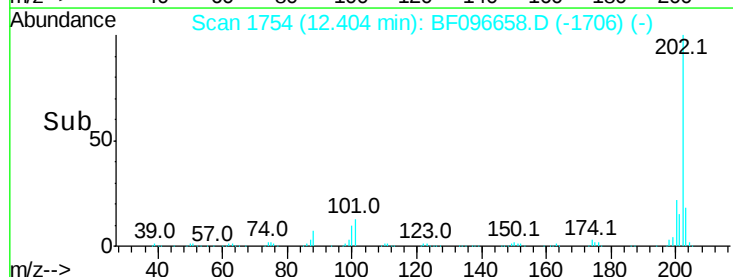
203 18.2 0.0 38.1

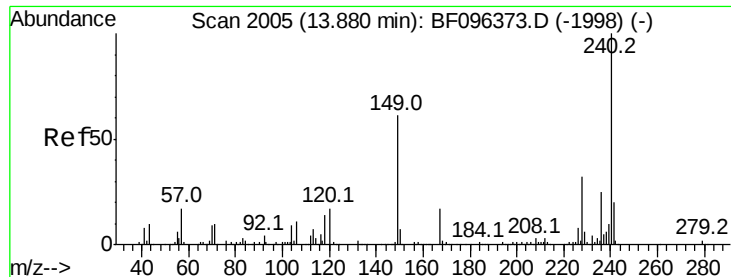


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMSD

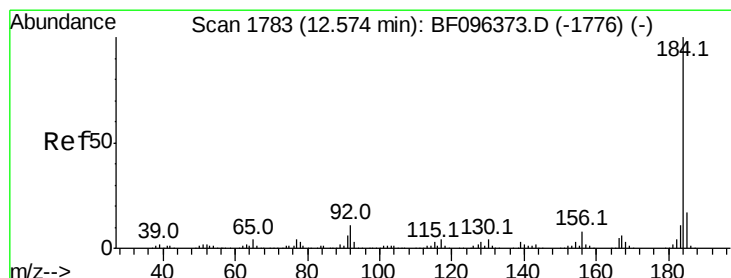
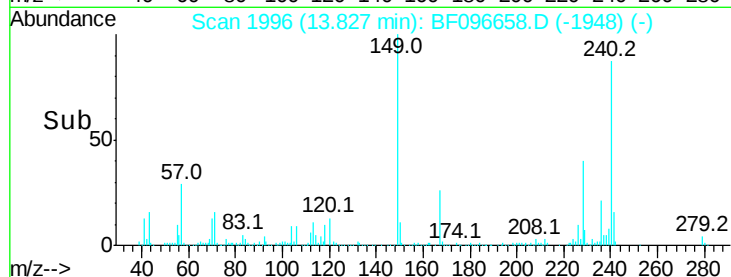
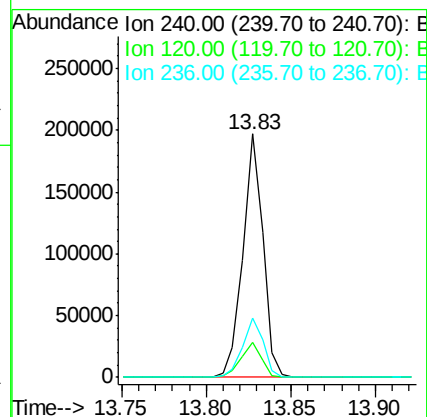
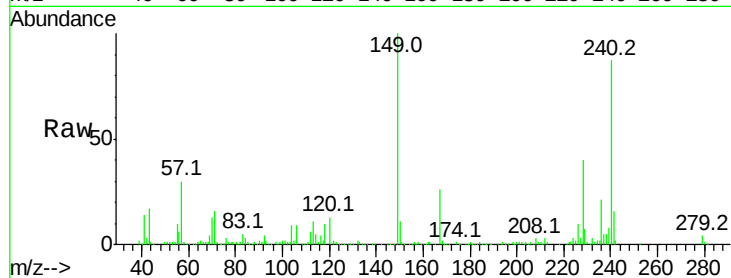
Tot Ion:240 Resp: 163195

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

236 24.2 20.5 30.7



#76

Benzidine

Concen: 7.713 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

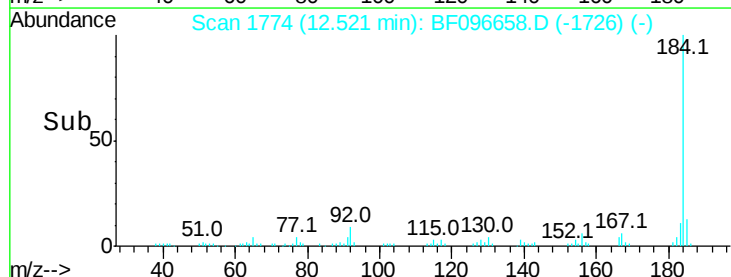
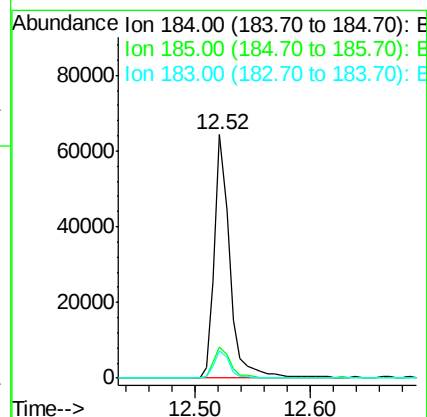
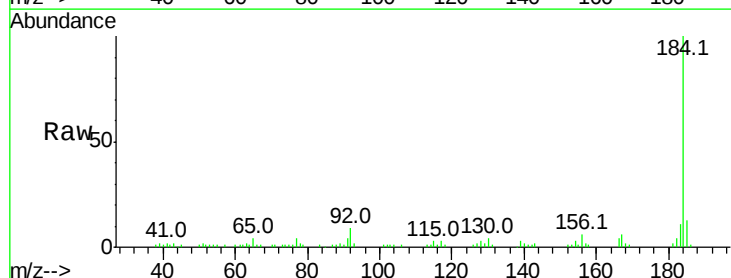
Tgt Ion:184 Resp: 60394

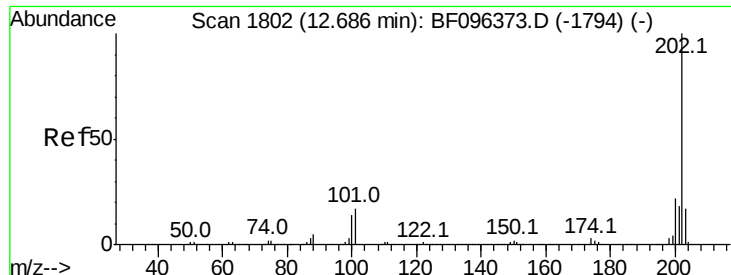
Ion Ratio Lower Upper

184 100

185 12.5 15.5 23.3#

183 11.4 9.8 14.6

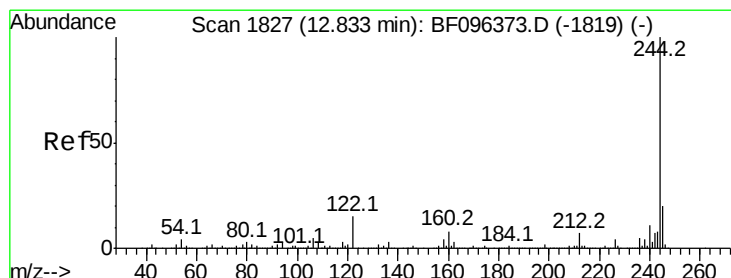
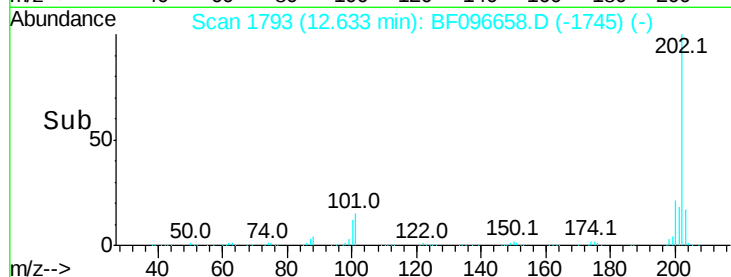
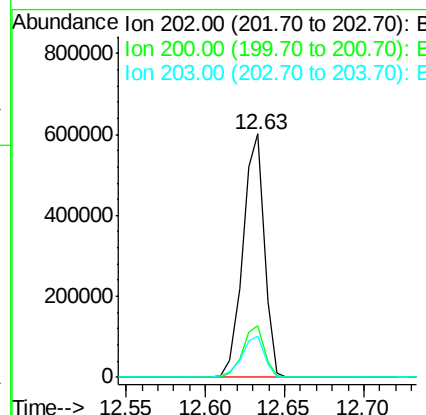
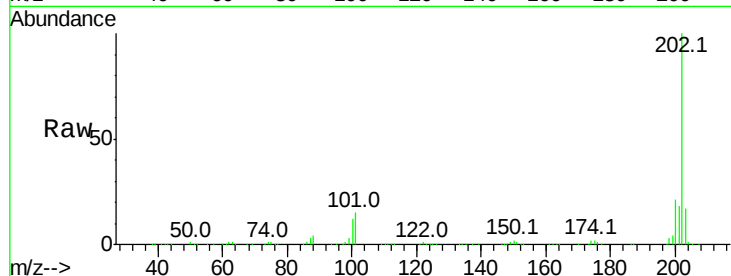




#77
Pvrene
Concen: 43.011 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

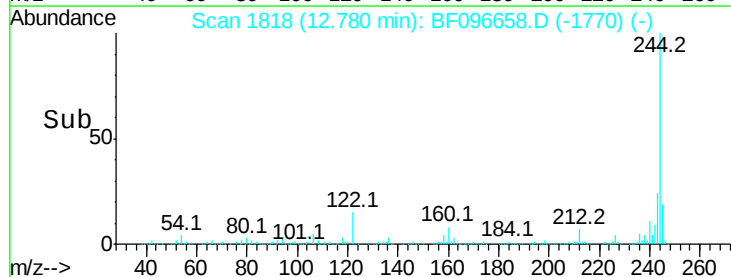
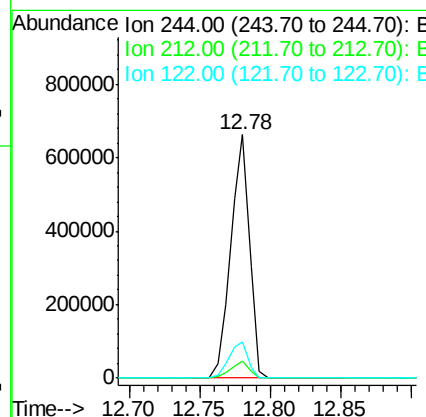
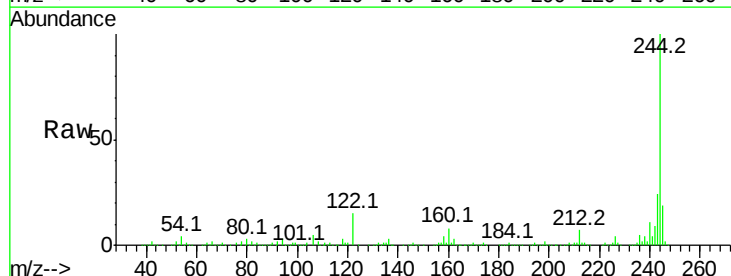
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMSD

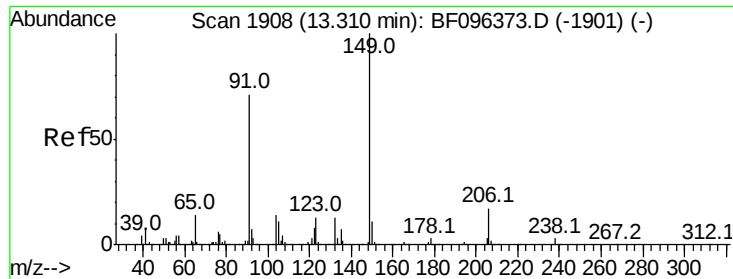
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.0	14.4	21.6



#78
Terphenyl-d14
Concen: 79.658 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.8	10.3	15.5

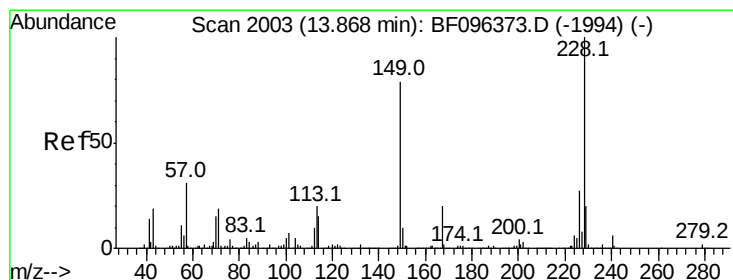
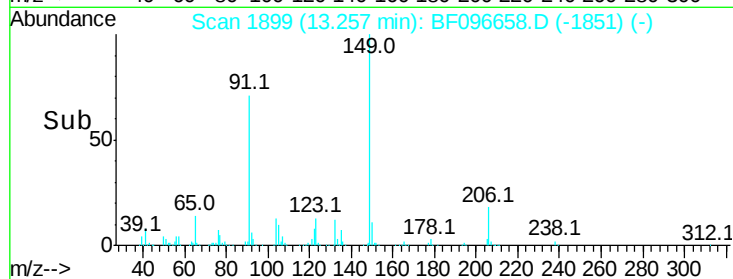
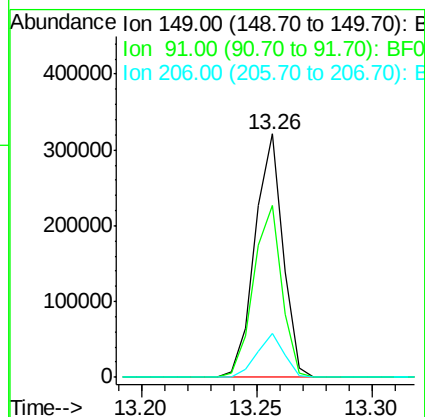
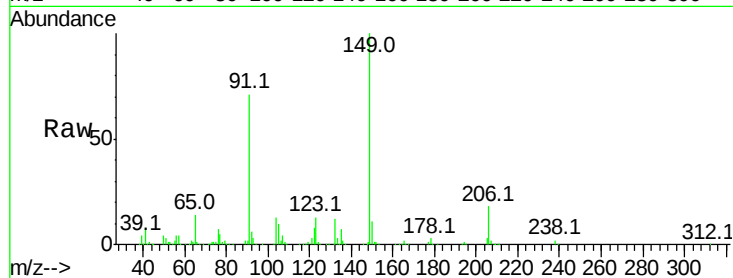




#79
Butylbenzylphthalate
Concen: 41.136 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

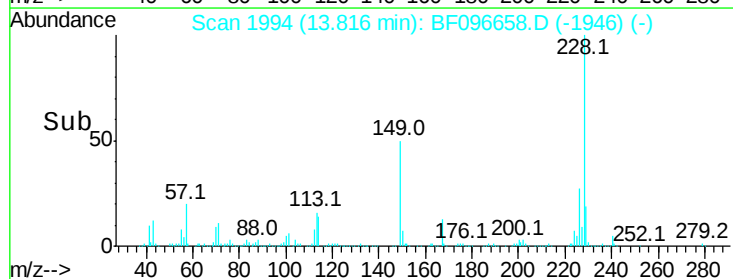
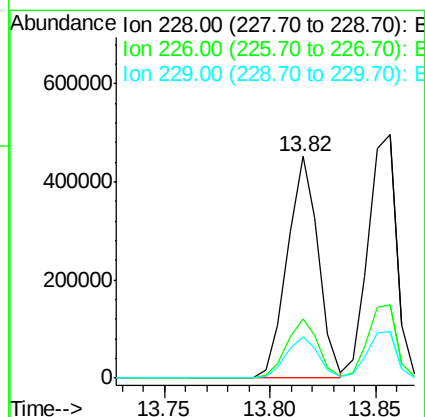
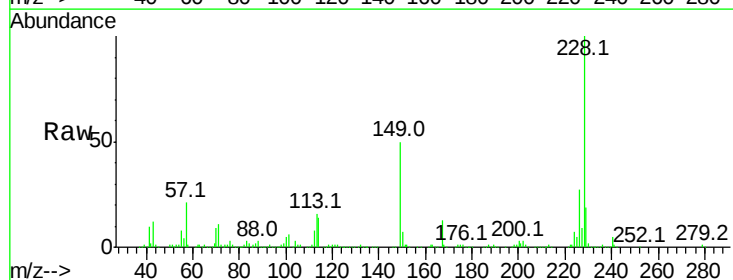
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMSD

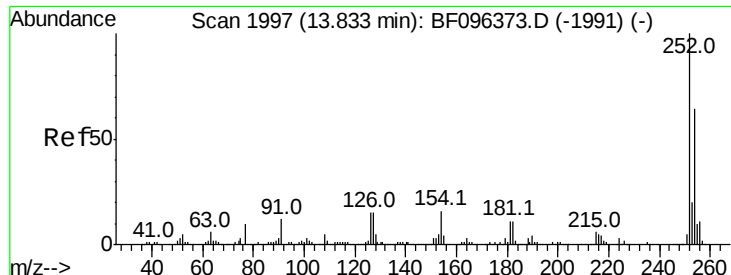
Tot Ion:149 Resp: 272775
Ion Ratio Lower Upper
149 100
91 70.6 45.0 67.4#
206 18.1 17.0 25.6



#80
Benzo(a)anthracene
Concen: 48.800 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

Tgt Ion:228 Resp: 461184
Ion Ratio Lower Upper
228 100
226 26.8 22.6 33.8
229 18.8 16.3 24.5

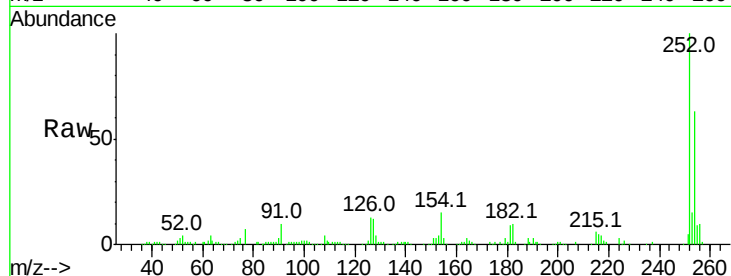




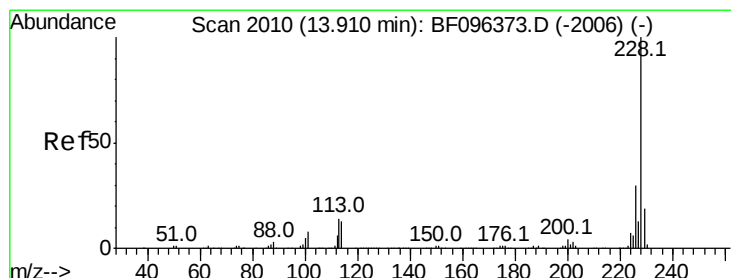
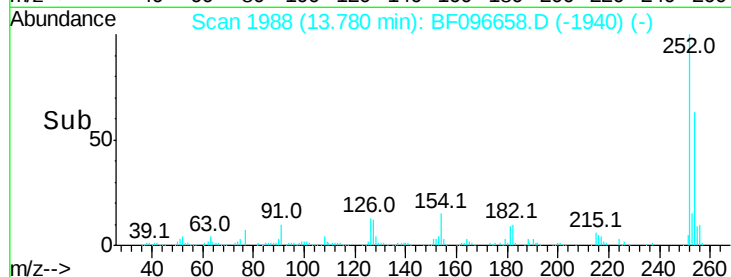
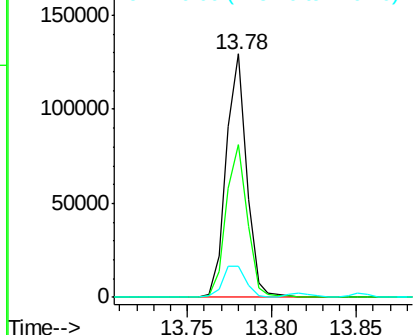
#81
 3,3'-Dichlorobenzidine
 Concen: 28.232 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMSD

Tot Ion:252 Resp: 109583
 Ion Ratio Lower Upper
 252 100
 254 62.5 51.5 77.3
 126 13.0 15.8 23.8#

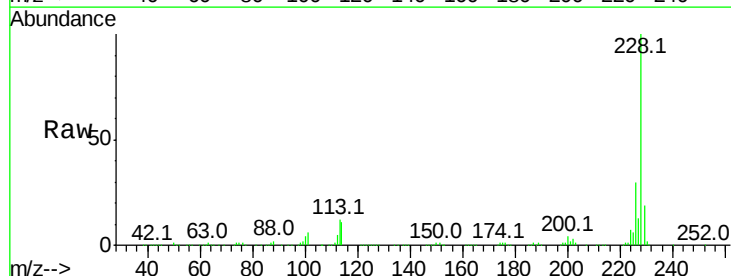


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

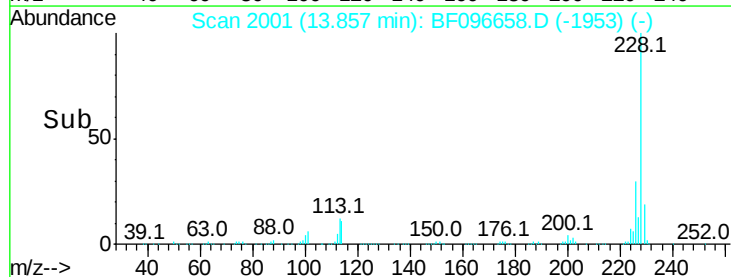
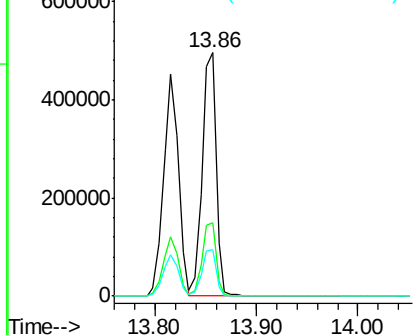


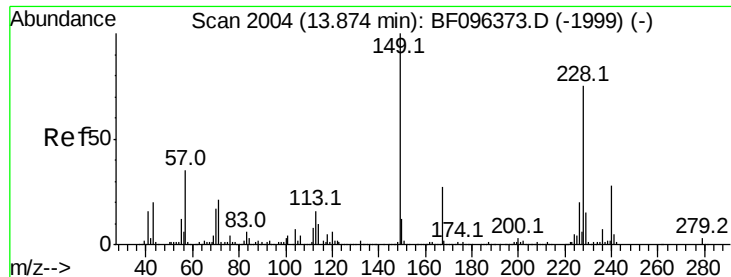
#82
 Chrysene
 Concen: 47.872 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF096658.D
 Acq: 11 Jul 2017 21:43

Tgt Ion:228 Resp: 473759
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.9 37.3
 229 19.2 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.278 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMSD

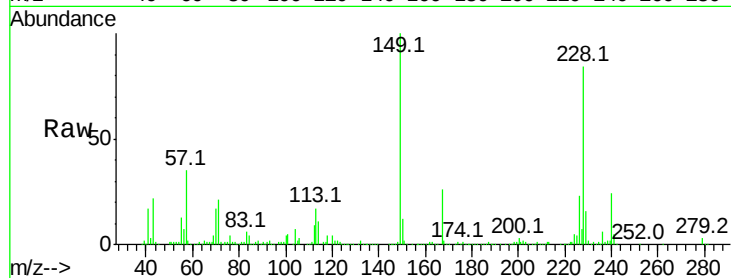
Tot Ion:149 Resp: 335139

Ion Ratio Lower Upper

149 100

167 26.0 21.0 31.4

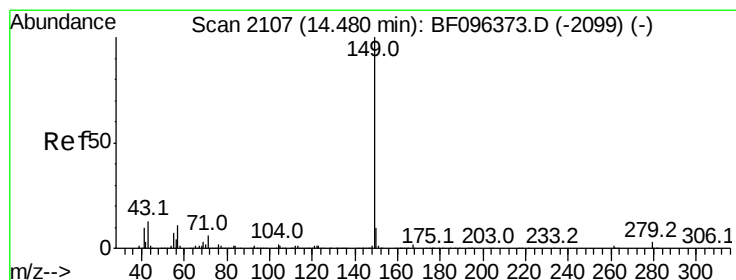
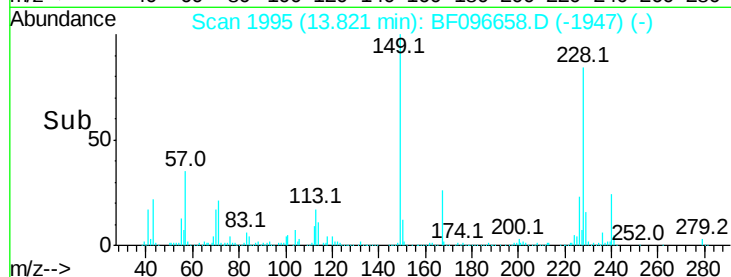
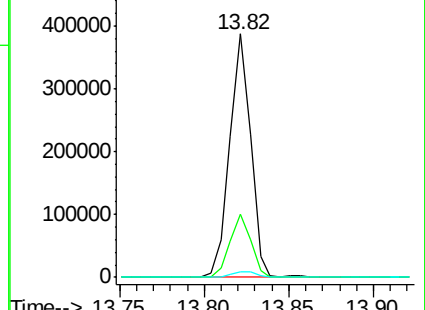
279 2.5 1.9 2.9



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: 46.114 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

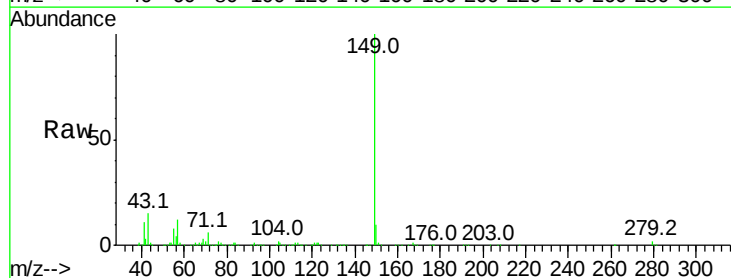
Tgt Ion:149 Resp: 672156

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

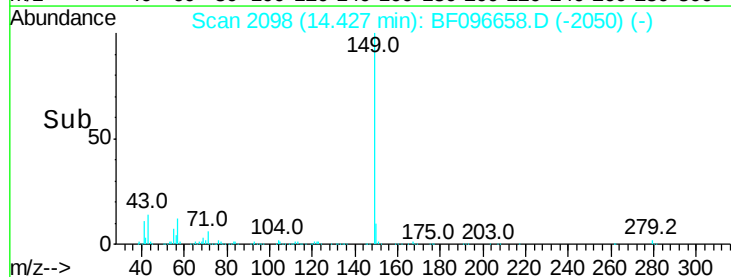
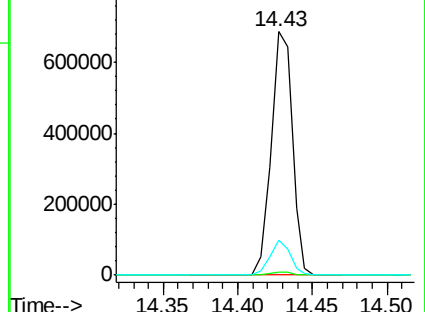
43 13.2 8.5 12.7#

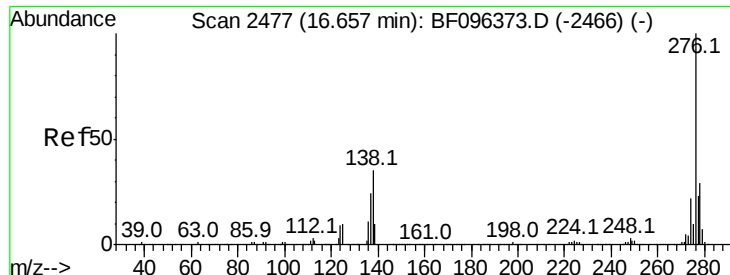


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

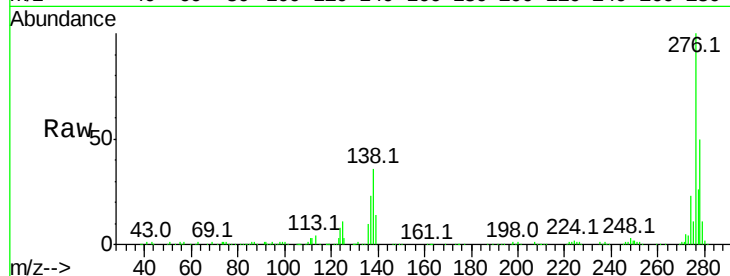




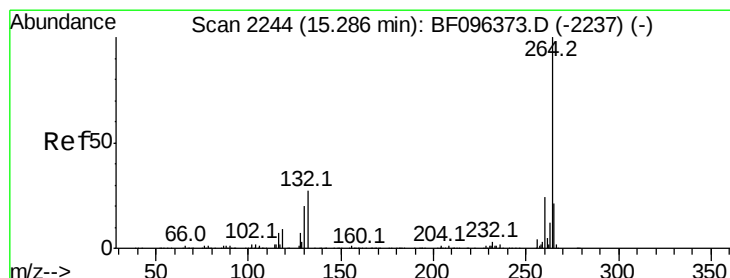
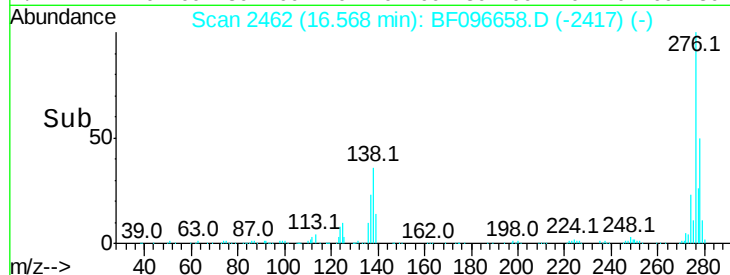
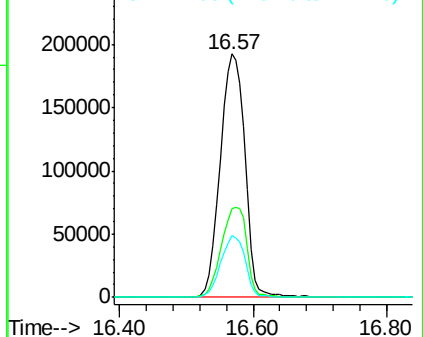
#85
Indeno(1,2,3-cd)pyrene
Concen: 64.902 ng
RT: 16.57 min Scan# 2462
Delta R.T. -0.04 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMSD

Tot Ion:276 Resp: 506998
Ion Ratio Lower Upper
276 100
138 38.3 27.8 41.6
277 25.0 20.2 30.4

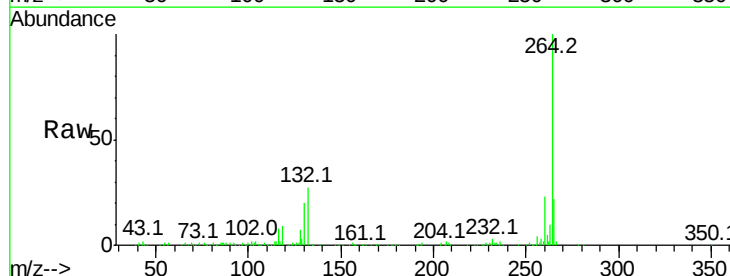


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

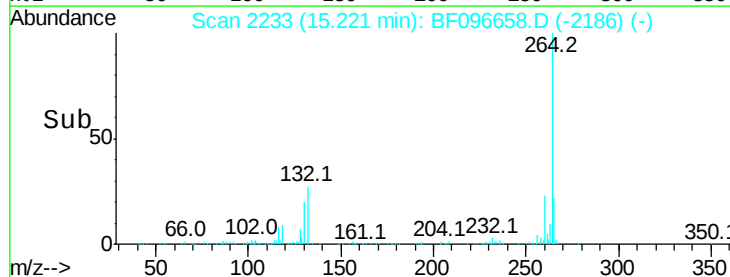
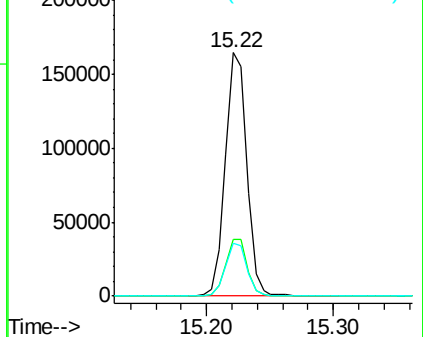


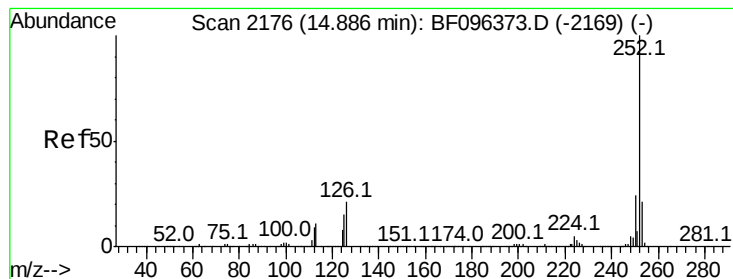
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

Tgt Ion:264 Resp: 192582
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 21.7 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: 44.373 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMSD

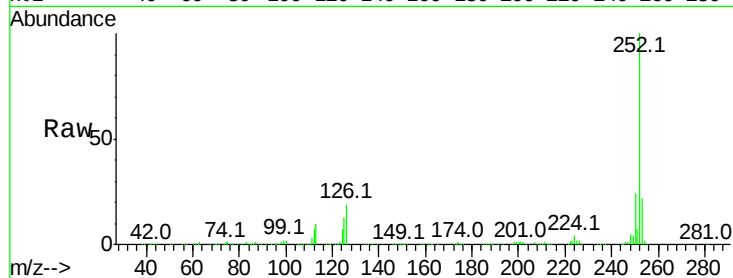
Tot Ion:252 Resp: 535453

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

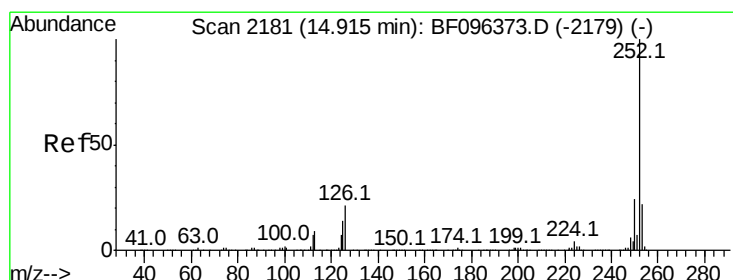
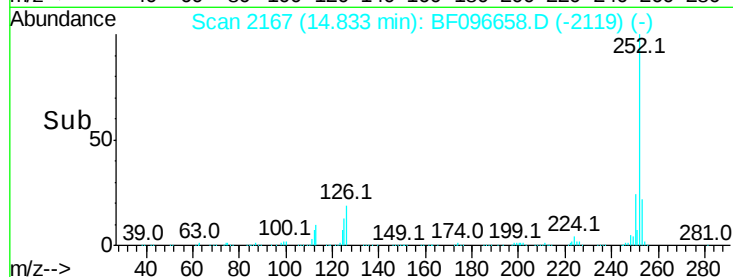
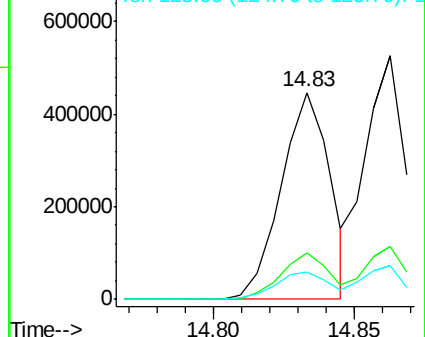
125 13.2 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 48.531 ng

RT: 14.86 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

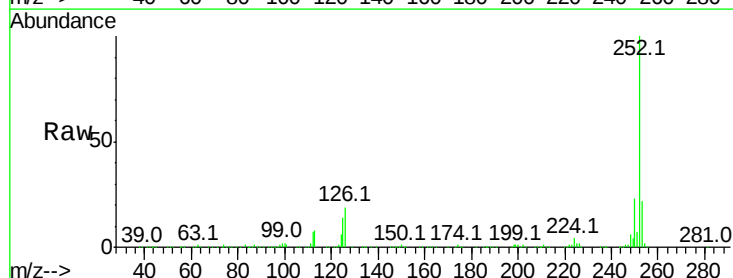
Tgt Ion:252 Resp: 523849

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

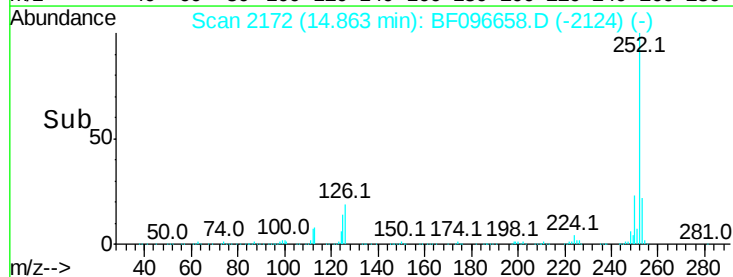
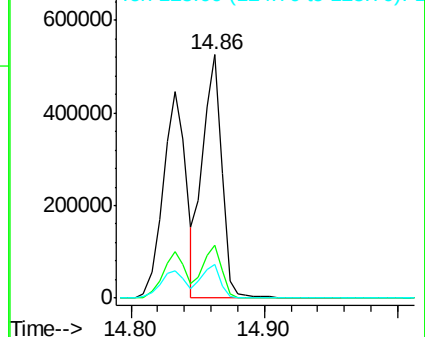
125 13.7 13.1 19.7

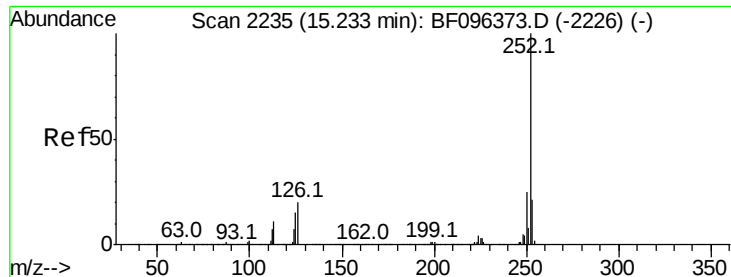


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

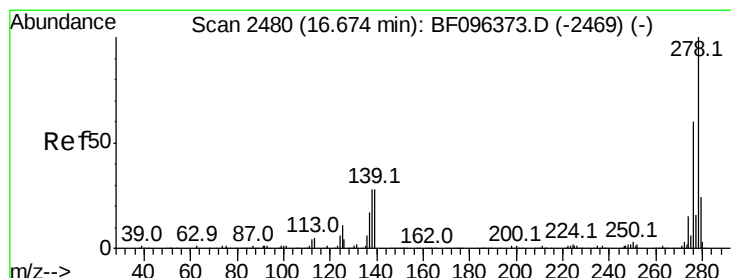
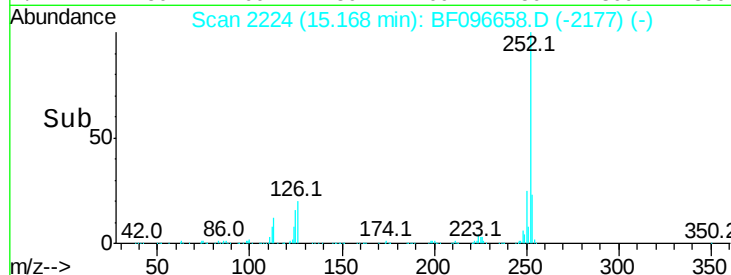
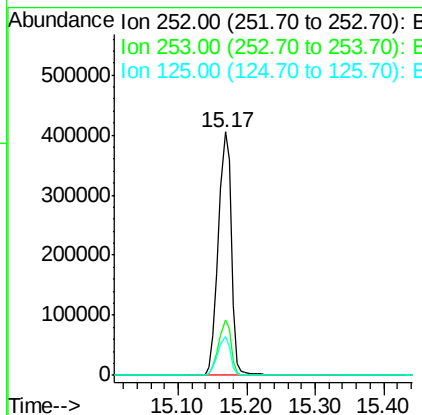
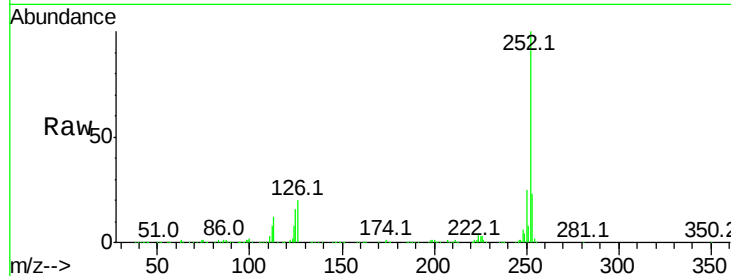




#89
Benzo(a)pyrene
Concen: 49.066 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

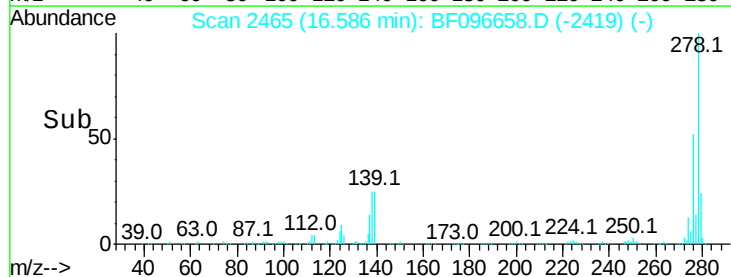
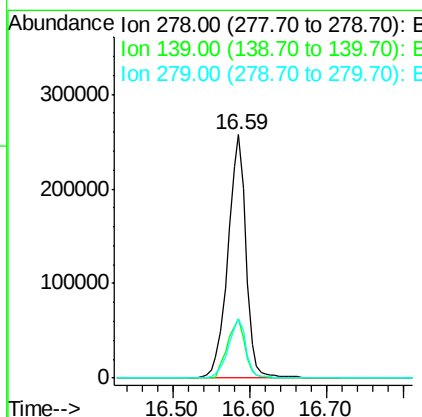
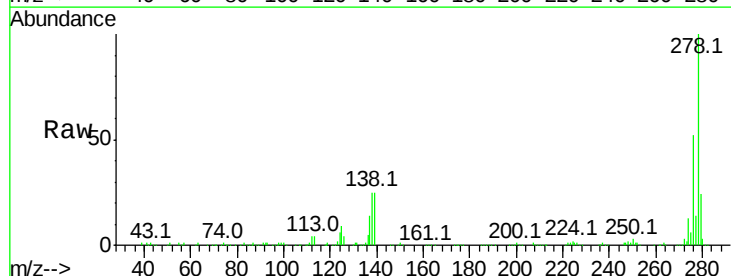
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMSD

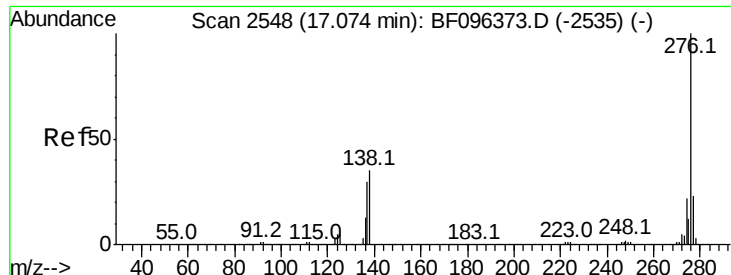
Tot Ion:252 Resp: 528613
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 15.8 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 50.113 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.03 min
Lab File: BF096658.D
Acq: 11 Jul 2017 21:43

Tgt Ion:278 Resp: 424736
Ion Ratio Lower Upper
278 100
139 24.6 16.6 24.8
279 24.4 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 46.623 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.03 min

Lab File: BF096658.D

Acq: 11 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMSD

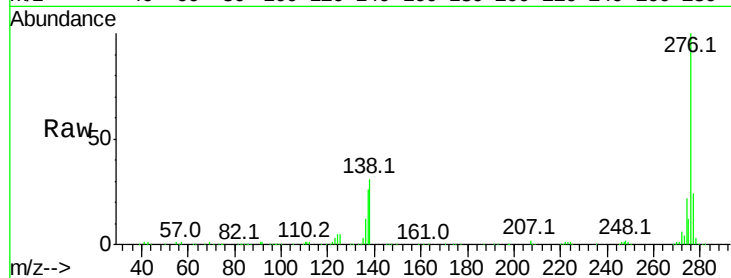
Tot Ion:276 Resp: 409471

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 31.4 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

