

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096657.D
 Acq On : 11 Jul 2017 21:15
 Operator : SJ/JU
 Sample : I4120-05MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Quant Time: Jul 12 01:14:08 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	93940	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	426183	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	178526	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	259050	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	182377	20.00	ng	-0.02
86) Perylene-d12	15.23	264	195312	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	830000	130.41	ng	0.00
7) Phenol-d6	6.33	99	969740	123.94	ng	-0.01
23) Nitrobenzene-d5	7.25	82	626877	88.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	182403	130.80	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1045211	100.10	ng	-0.02
78) Terphenyl-d14	12.78	244	709859	83.17	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	120412	39.899	ng	# 68
3) Pyridine	3.13	79	224316	27.090	ng	# 68
4) n-Nitrosodimethylamine	3.06	42	184451	45.129	ng	82
6) Aniline	6.35	93	88649	8.766	ng	# 1
8) 2-Chlorophenol	6.47	128	321259	47.333	ng	93
9) Benzaldehyde	6.23	77	149224	30.473	ng	97
10) Phenol	6.35	94	353387	39.644	ng	98
11) bis(2-Chloroethyl)ether	6.43	93	316495	45.944	ng	91
12) 1,3-Dichlorobenzene	6.63	146	308256	43.315	ng	98
13) 1,4-Dichlorobenzene	6.70	146	315368	44.337	ng	95
14) 1,2-Dichlorobenzene	6.86	146	290564	44.490	ng	98
15) Benzyl Alcohol	6.83	79	238111	45.525	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	664955	47.482	ng	93
17) 2-Methylphenol	6.95	107	251509	46.498	ng	99
18) Hexachloroethane	7.20	117	114839	44.533	ng	# 81
19) n-Nitroso-di-n-propylamine	7.11	70	215537	46.239	ng	# 87
20) 3+4-Methylphenols	7.10	107	307139	50.909	ng	92
22) Acetophenone	7.10	105	426971	45.851	ng	# 98
24) Nitrobenzene	7.27	77	325098	43.694	ng	91
25) Isophorone	7.51	82	604747	43.978	ng	96
26) 2-Nitrophenol	7.59	139	172110	43.704	ng	91
27) 2,4-Dimethylphenol	7.63	122	292797	43.665	ng	96
28) bis(2-Chloroethoxy)methane	7.72	93	405769	44.700	ng	99
29) 2,4-Dichlorophenol	7.83	162	264644	45.743	ng	97
30) 1,2,4-Trichlorobenzene	7.91	180	248454	45.526	ng	98
31) Naphthalene	7.99	128	933859	46.415	ng	100
32) Benzoic acid	7.76	122	193193	34.305	ng	93
33) 4-Chloroaniline	8.04	127	67451	8.071	ng	96
34) Hexachlorobutadiene	8.12	225	126739	45.278	ng	97
35) Caprolactam	8.41	113	60219	30.185	ng	# 68
36) 4-Chloro-3-methylphenol	8.53	107	280100	43.755	ng	89
37) 2-Methylnaphthalene	8.68	142	633957	49.500	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	215267	46.439	ng	99
40) Hexachlorocyclopentadiene	8.84	237	107174	47.550	ng	98

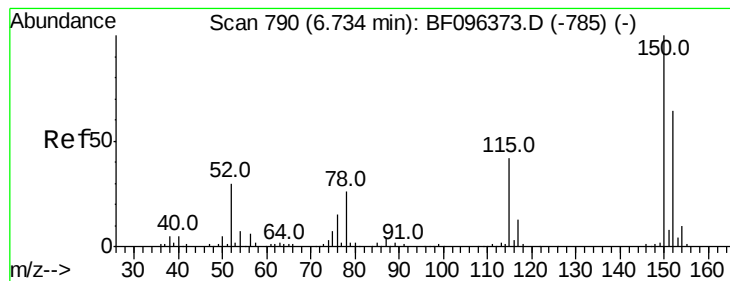
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	153141	41.762	ng	95
43) 2,4,5-Trichlorophenol	9.00	196	169122	46.645	ng	99
45) 1,1'-Biphenyl	9.15	154	687178	44.924	ng	97
46) 2-Chloronaphthalene	9.17	162	527845	46.304	ng	93
47) 2-Nitroaniline	9.26	65	194109	46.797	ng	95
48) Acenaphthylene	9.58	152	834519	46.200	ng	100
49) Dimethylphthalate	9.45	163	654593	49.117	ng	99
50) 2,6-Dinitrotoluene	9.51	165	140173	47.563	ng	# 90
51) Acenaphthene	9.75	154	493586	44.331	ng	99
52) 3-Nitroaniline	9.67	138	67524	18.370	ng	91
53) 2,4-Dinitrophenol	9.78	184	71077	45.408	ng	# 75
54) Dibenzofuran	9.93	168	680641	46.302	ng	100
55) 4-Nitrophenol	9.85	139	213447	70.059	ng	# 67
56) 2,4-Dinitrotoluene	9.91	165	176451	47.279	ng	# 77
57) Fluorene	10.27	166	481534	46.381	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	117722	46.929	ng	# 99
59) Diethylphthalate	10.15	149	570858	45.318	ng	99
60) 4-Chlorophenyl-phenylether	10.26	204	204453	45.262	ng	93
61) 4-Nitroaniline	10.28	138	123720	37.016	ng	90
62) Azobenzene	10.42	77	523572	42.984	ng	91
64) 4,6-Dinitro-2-methylphenol	10.32	198	47465	26.568	ng	# 78
65) n-Nitrosodiphenylamine	10.38	169	450108	49.521	ng	98
66) 4-Bromophenyl-phenylether	10.74	248	130277	51.662	ng	95
67) Hexachlorobenzene	10.82	284	134038	48.556	ng	# 89
68) Atrazine	10.91	200	122920	47.337	ng	96
69) Pentachlorophenol	11.01	266	135638	82.904	ng	97
70) Phenanthrene	11.22	178	685123	48.925	ng	99
71) Anthracene	11.27	178	694071	48.638	ng	99
72) Carbazole	11.43	167	654456	45.603	ng	99
73) Di-n-butylphthalate	11.77	149	834539	48.010	ng	99
74) Fluoranthene	12.40	202	647571	47.166	ng	97
76) Benzidine	12.52	184	41788	4.775	ng	# 92
77) Pyrene	12.63	202	649613	44.376	ng	99
79) Butylbenzylphthalate	13.26	149	348351	47.008	ng	# 80
80) Benzo(a)anthracene	13.82	228	513734	48.644	ng	98
81) 3,3'-Dichlorobenzidine	13.78	252	118979	27.429	ng	# 96
82) Chrysene	13.86	228	539967	48.823	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	403348	48.762	ng	98
84) Di-n-octyl phthalate	14.43	149	775436	47.604	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.57	276	490054	56.135	ng	99
87) Benzo(b)fluoranthene	14.83	252	530542	43.351	ng	98
88) Benzo(k)fluoranthene	14.86	252	531150	48.519	ng	96
89) Benzo(a)pyrene	15.17	252	526662	48.202	ng	100
90) Dibenzo(a,h)anthracene	16.59	278	408087	47.476	ng	96
91) Benzo(g,h,i)perylene	16.97	276	413626	46.438	ng	99

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

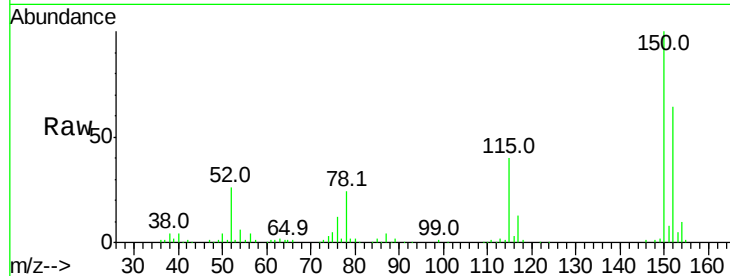


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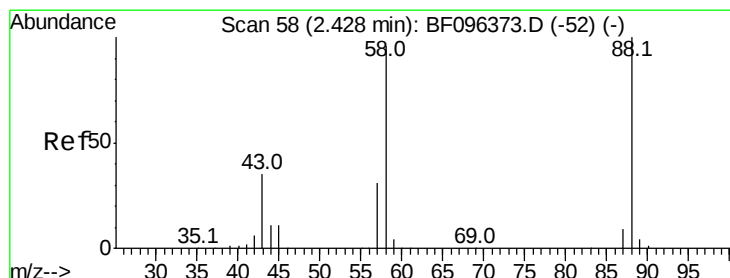
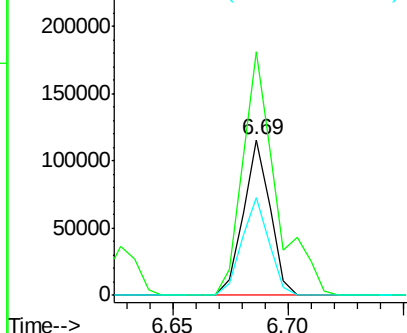
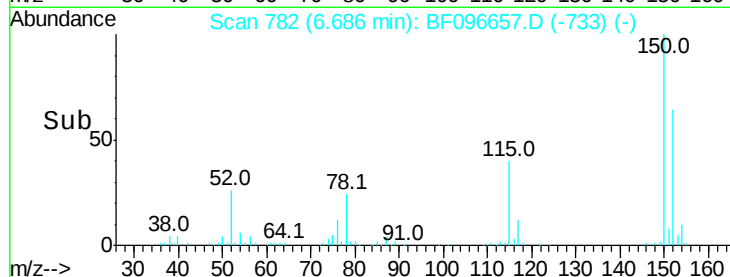
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tot Ion:152 Resp: 93940
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 62.3 52.2 78.2



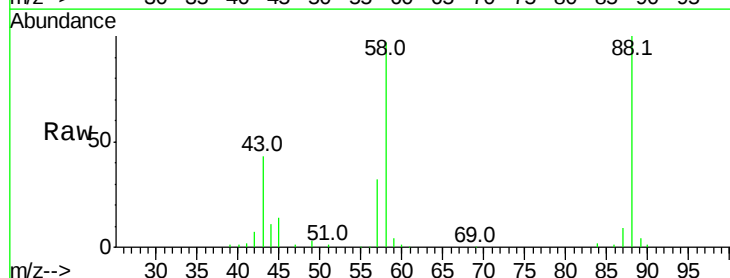
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



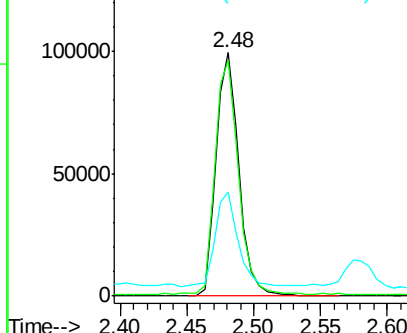
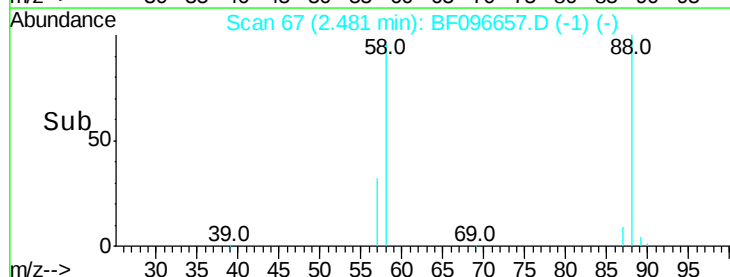
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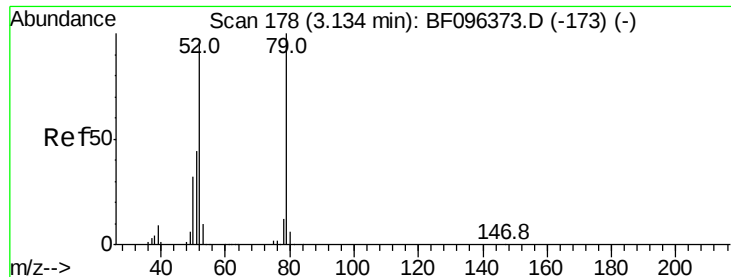
1,4-Dioxane
Concen: 39.899 ng
RT: 2.48 min Scan# 67
Delta R.T. 0.12 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion: 88 Resp: 120412
Ion Ratio Lower Upper
88 100
58 96.8 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: 27.090 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.08 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMS

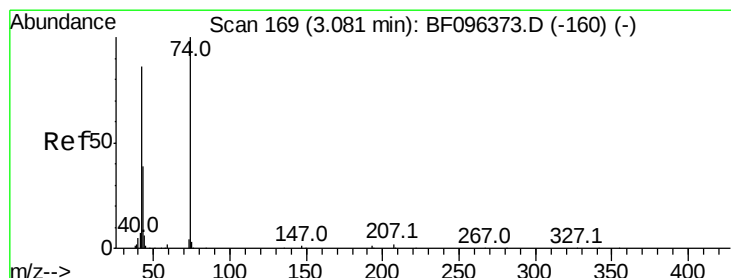
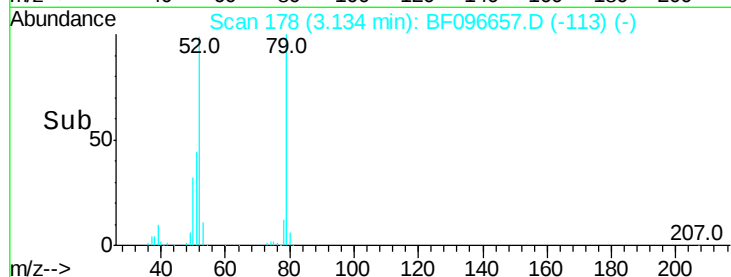
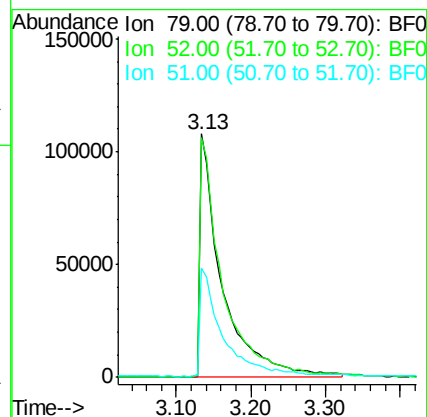
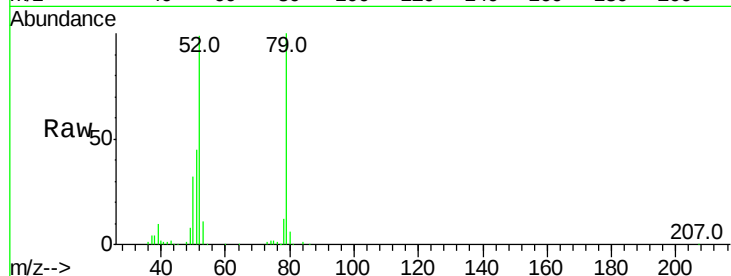
Tot Ion: 79 Resp: 224316

Ion Ratio Lower Upper

79 100

52 98.7 54.8 82.2#

51 45.0 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 45.129 ng

RT: 3.06 min Scan# 166

Delta R.T. 0.06 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

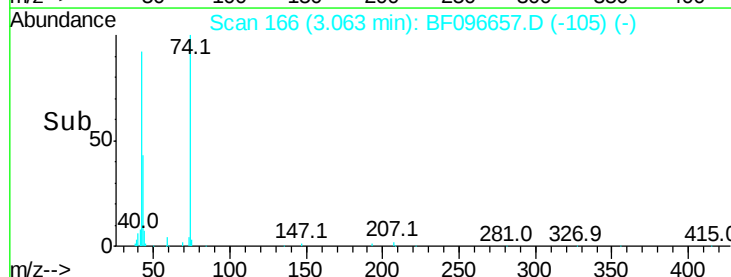
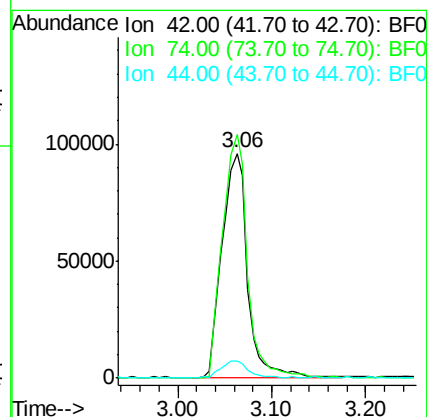
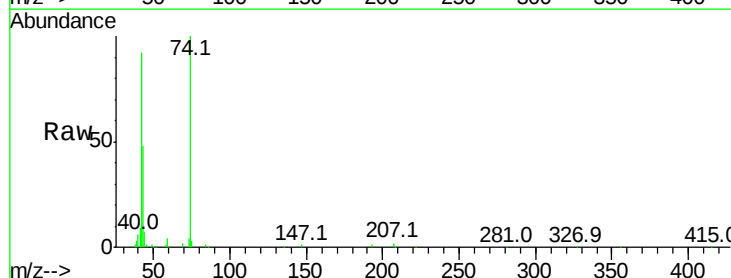
Tgt Ion: 42 Resp: 184451

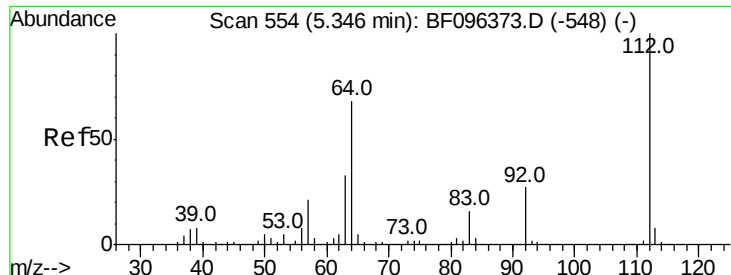
Ion Ratio Lower Upper

42 100

74 108.2 103.9 155.9

44 7.7 5.7 8.5

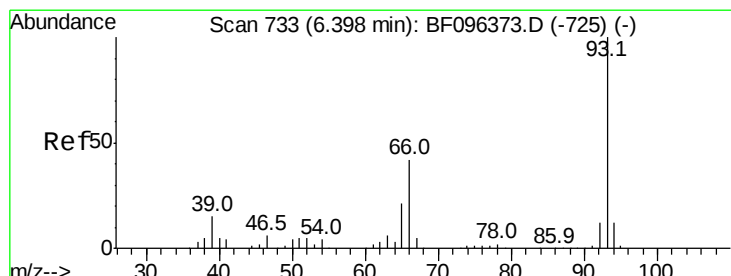
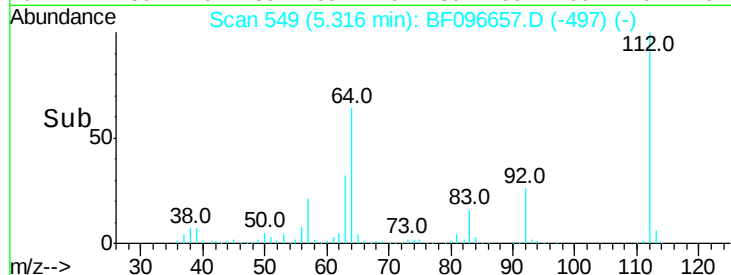
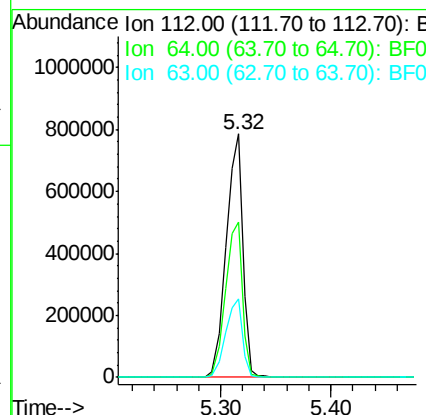
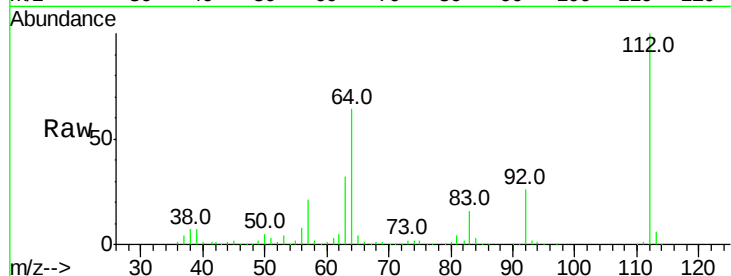




#5
 2-Fluorophenol
 Concen: 130.408 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

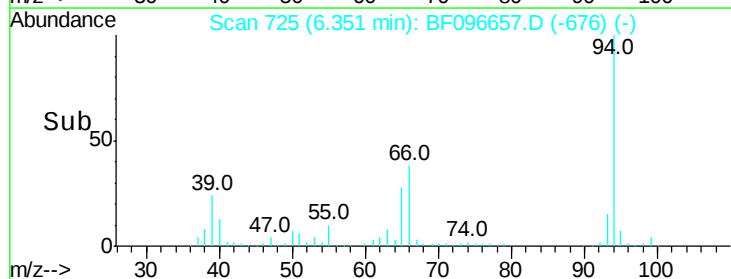
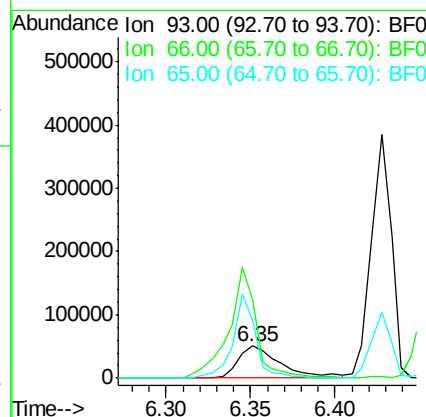
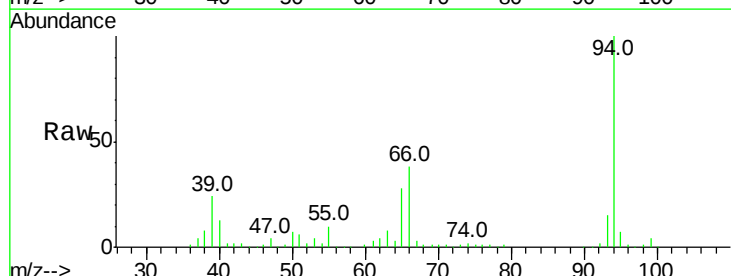
Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

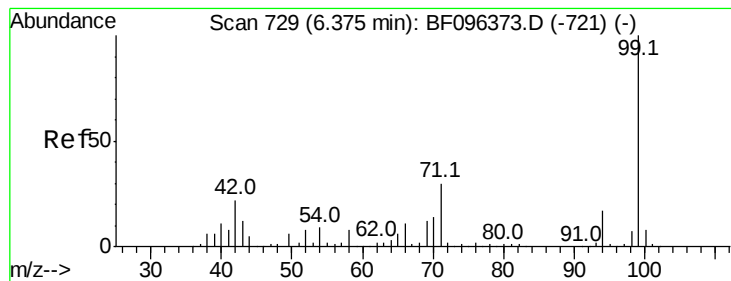
Tot Ion:	112	Resp:	830000
Ion	Ratio	Lower	Upper
112	100		
64	63.6	46.0	69.0
63	32.1	23.4	35.0



#6
 Aniline
 Concen: 8.766 ng
 RT: 6.35 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion:	93	Resp:	88649
Ion	Ratio	Lower	Upper
93	100		
66	242.7	32.9	49.3#
65	182.2	16.0	24.0#





#7

Phenol-d6

Concen: 123.937 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMS

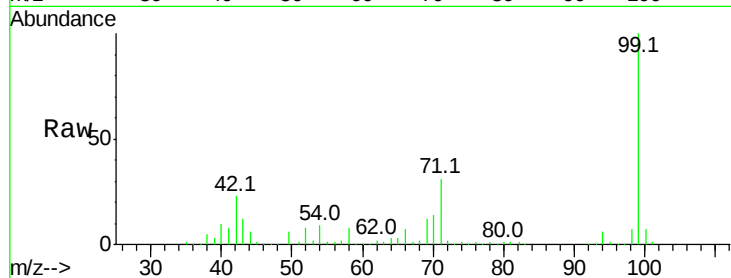
Tot Ion: 99 Resp: 969740

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

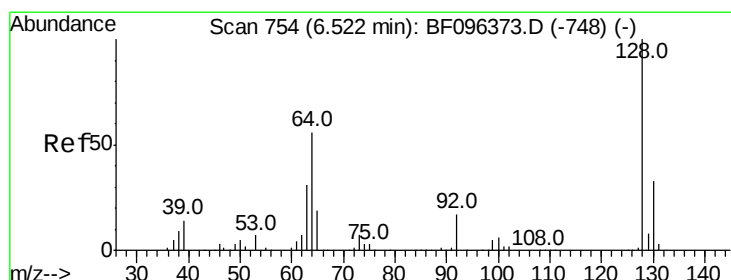
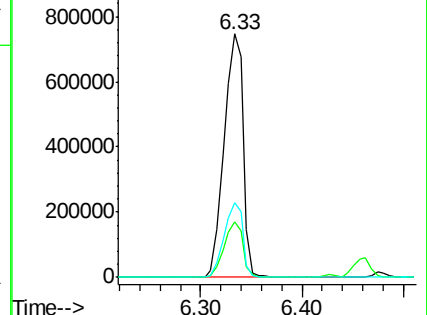
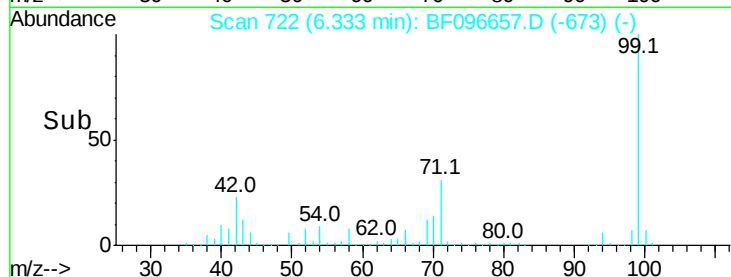
71 30.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.333 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

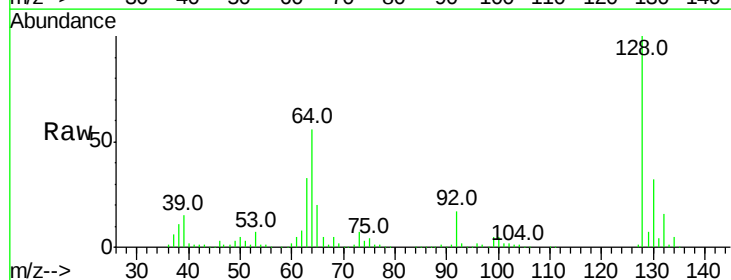
Tgt Ion:128 Resp: 321259

Ion Ratio Lower Upper

128 100

130 31.8 12.9 52.9

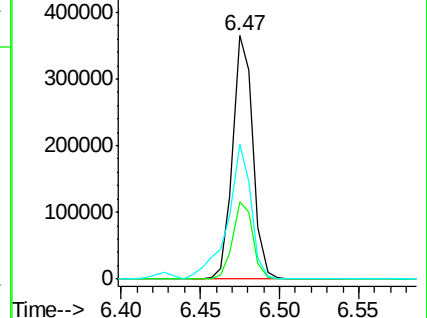
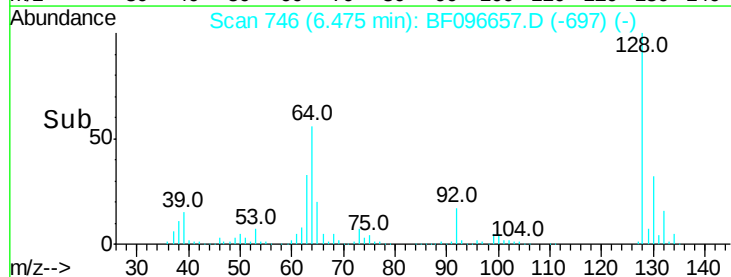
64 55.5 28.4 68.4

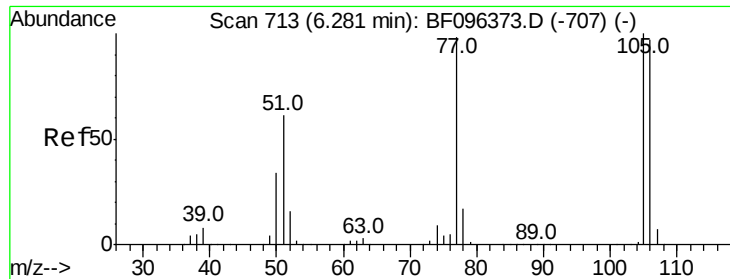


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 30.473 ng

RT: 6.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMS

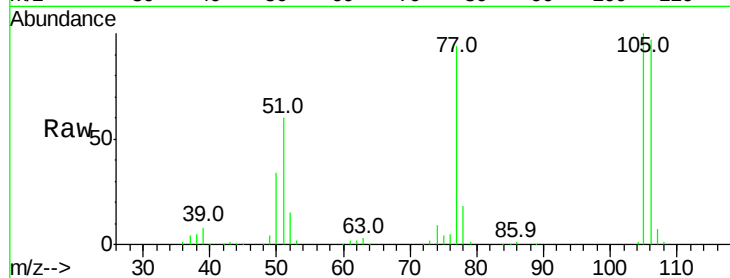
Tot Ion: 77 Resp: 149224

Ion Ratio Lower Upper

77 100

105 106.3 83.8 123.8

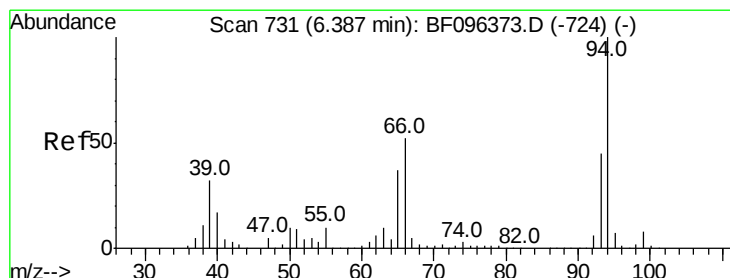
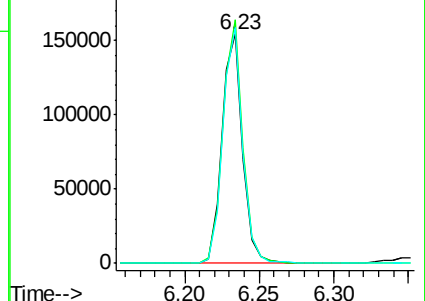
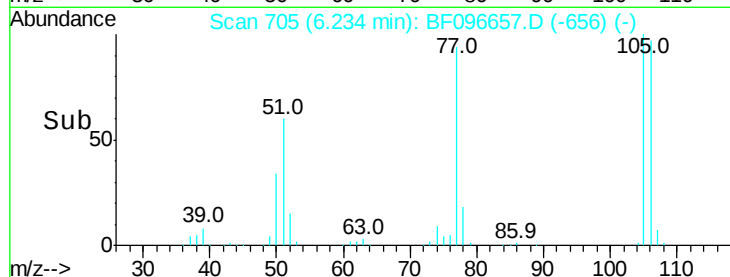
106 103.1 79.1 119.1



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: 39.644 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

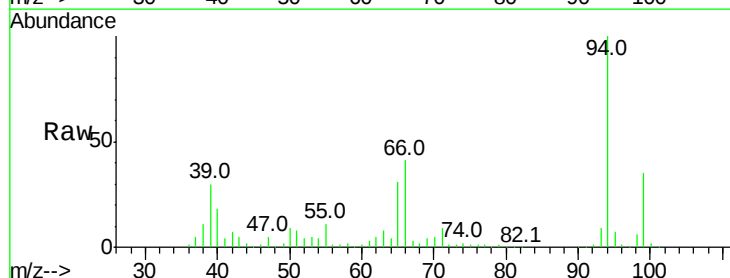
Tgt Ion: 94 Resp: 353387

Ion Ratio Lower Upper

94 100

65 31.1 9.9 49.9

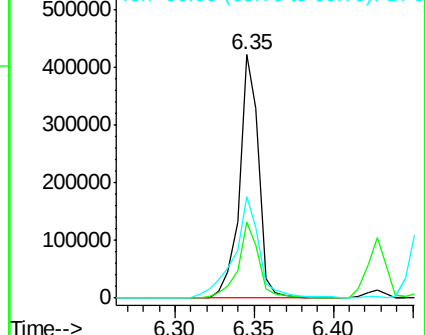
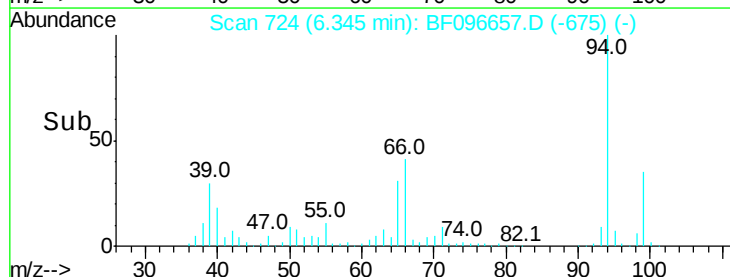
66 41.4 23.1 63.1

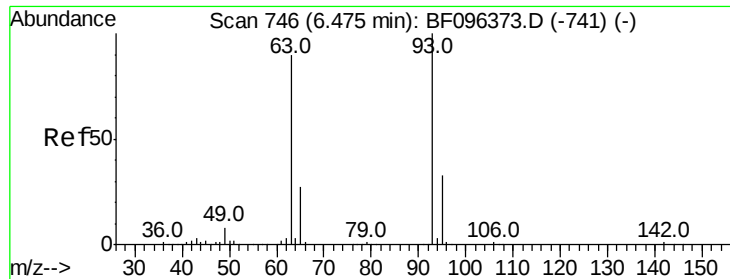


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

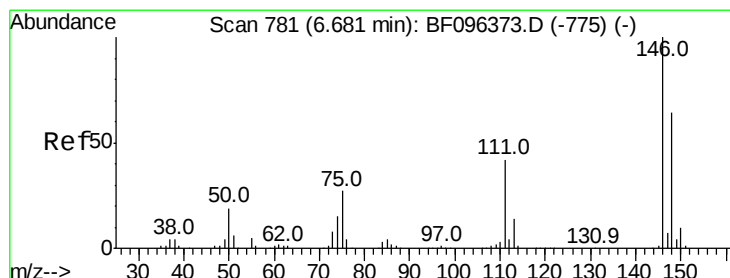
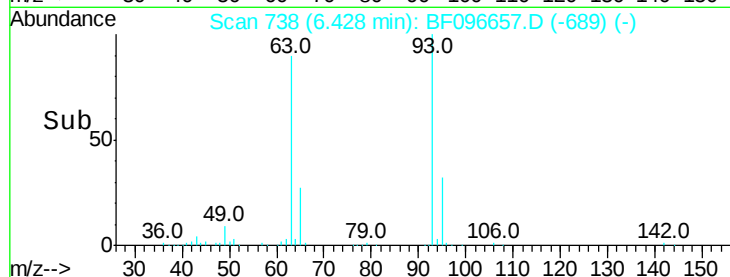
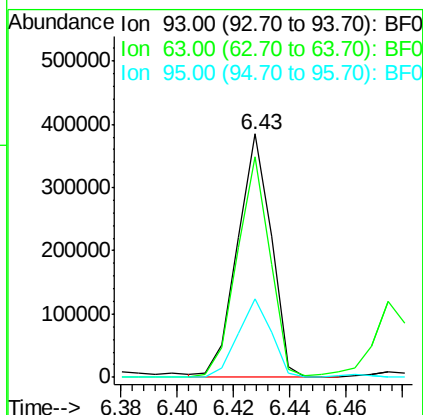
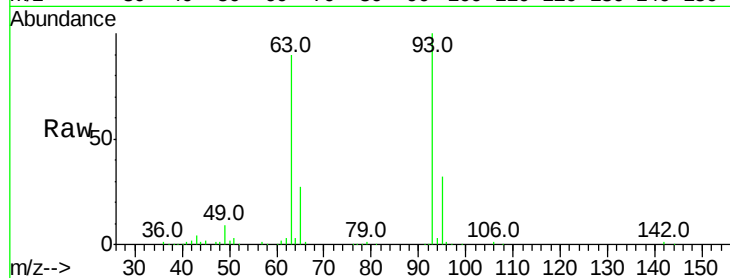




#11
bis(2-Chloroethyl)ether
Concen: 45.944 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

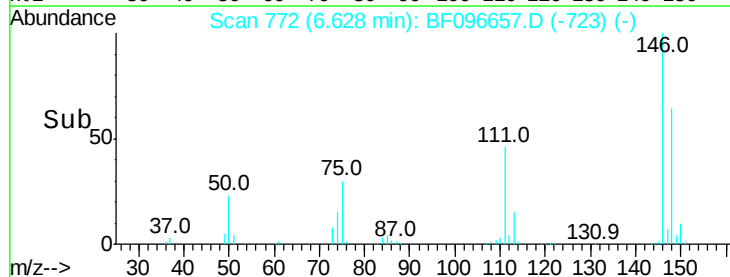
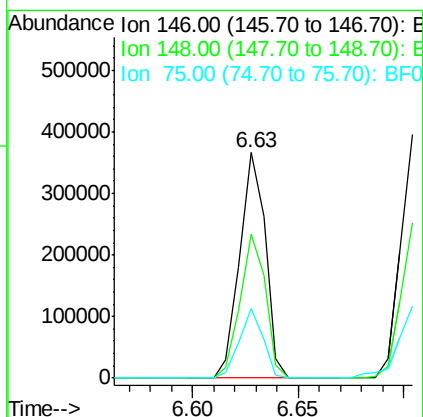
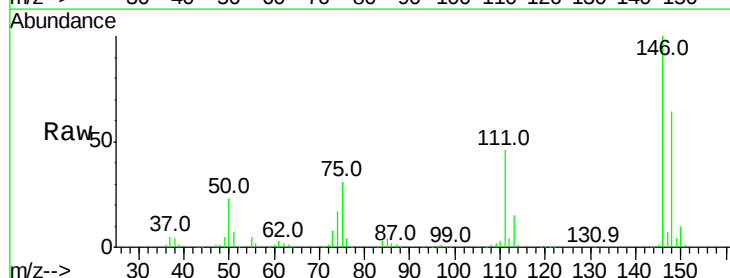
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

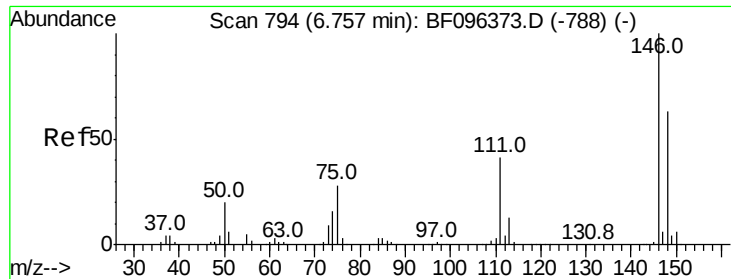
Tot Ion: 93 Resp: 316495
Ion Ratio Lower Upper
93 100
63 90.4 59.2 99.2
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.315 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion: 146 Resp: 308256
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 30.6 23.1 34.7

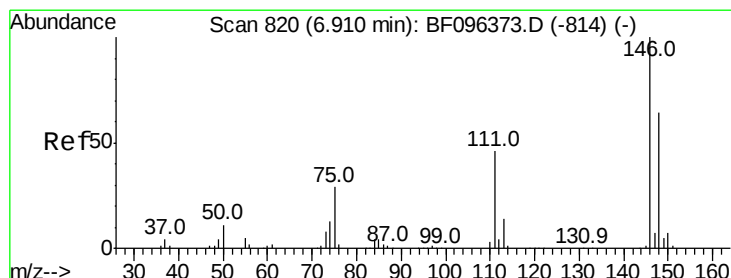
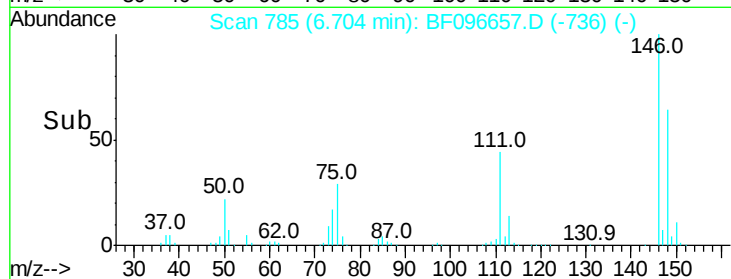
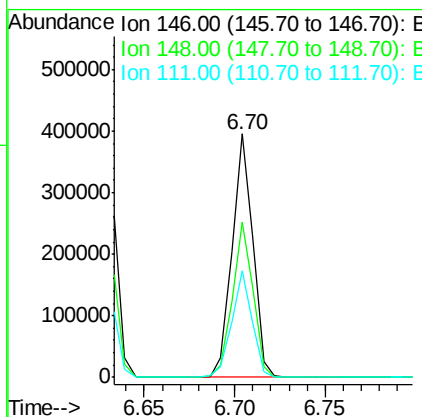
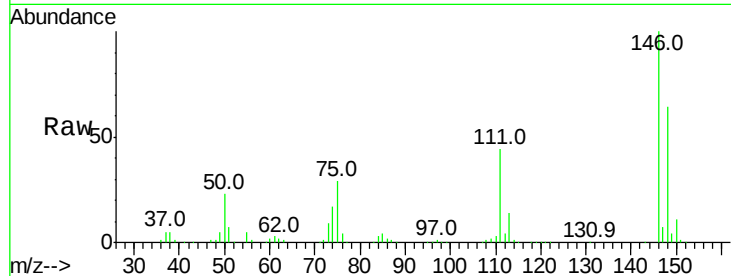




#13
 1,4-Dichlorobenzene
 Concen: 44.337 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

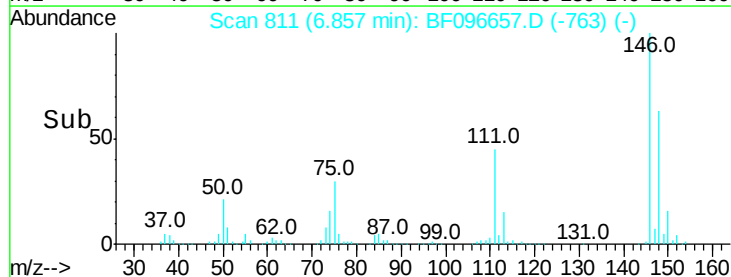
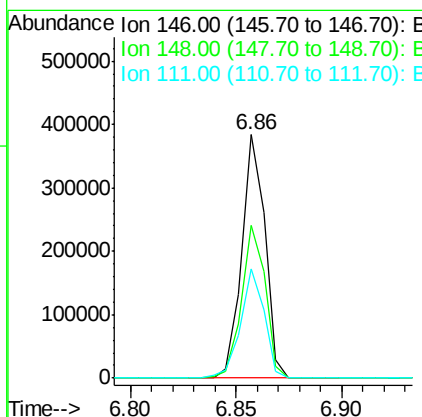
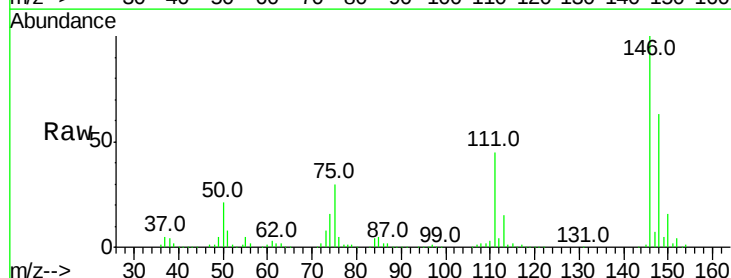
Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

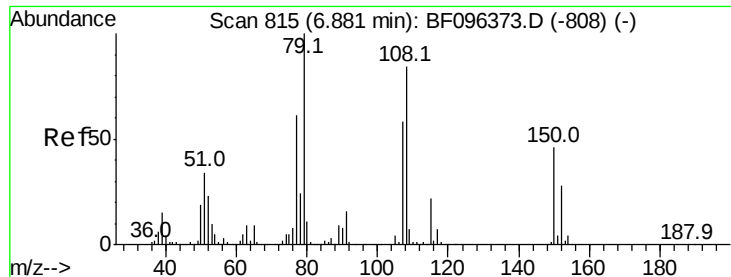
Tot Ion:146 Resp: 315368
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 43.7 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 44.490 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion:146 Resp: 290564
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.4 75.6
 111 44.8 38.2 57.4





#15

Benzyl Alcohol

Concen: 45.525 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMS

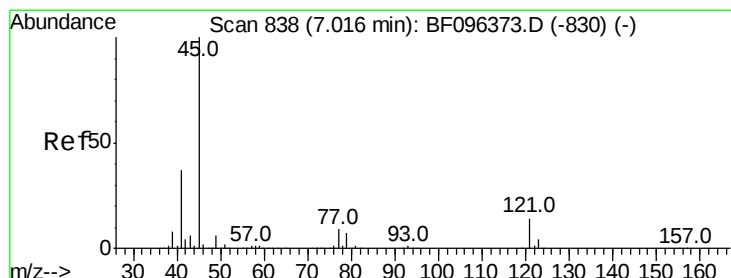
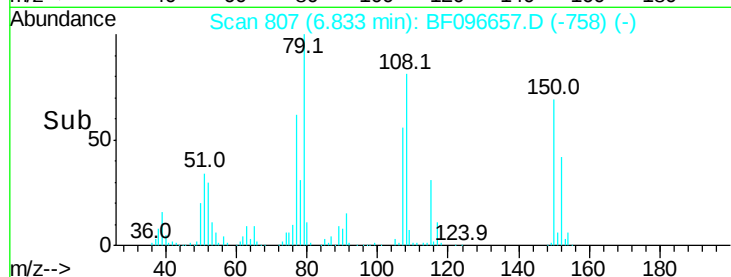
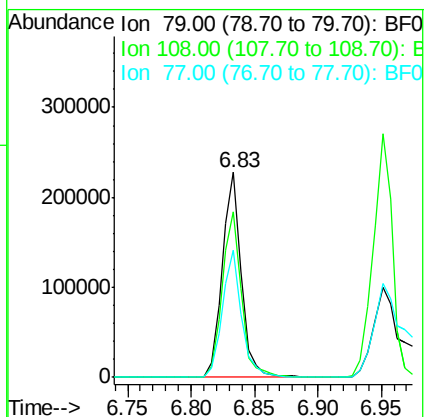
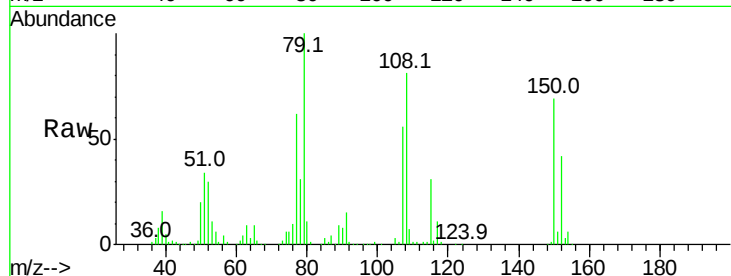
Tot Ion: 79 Resp: 238111

Ion Ratio Lower Upper

79 100

108 81.0 63.4 95.0

77 62.0 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.482 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

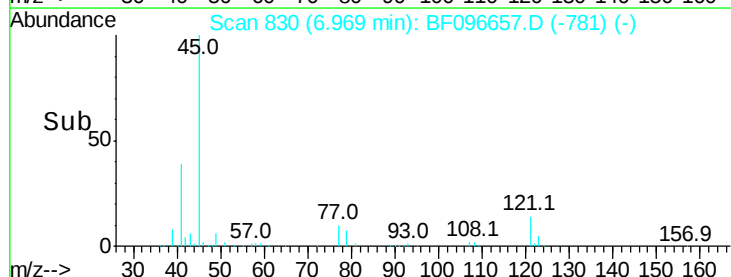
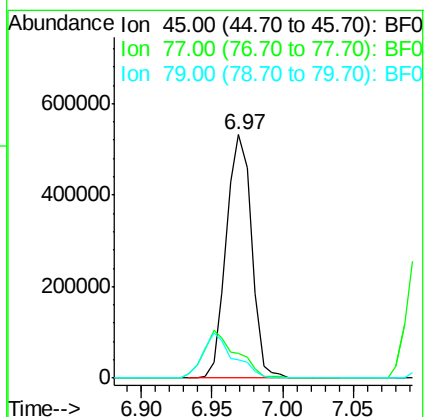
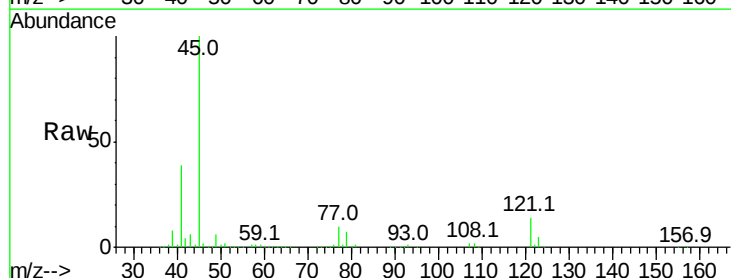
Tgt Ion: 45 Resp: 664955

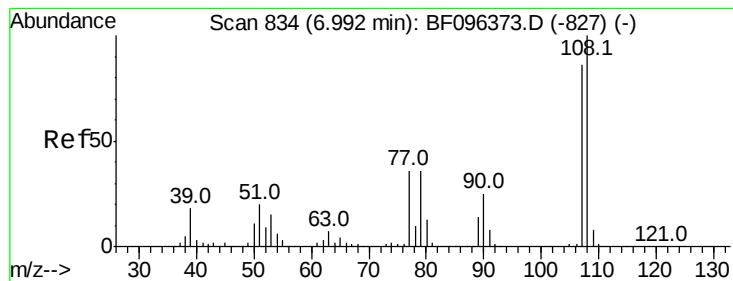
Ion Ratio Lower Upper

45 100

77 10.0 0.0 33.2

79 7.4 0.0 30.0

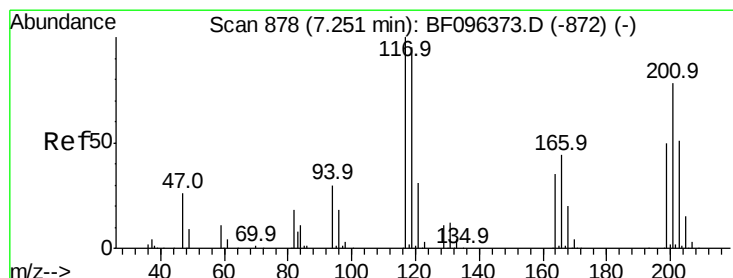
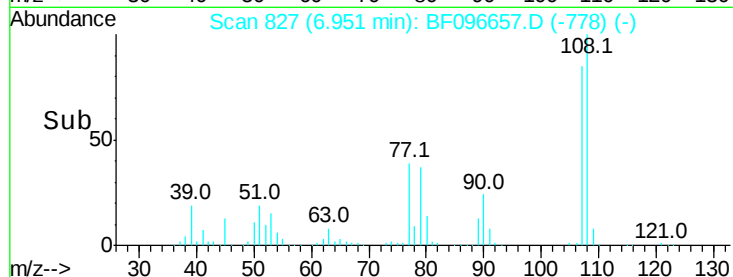
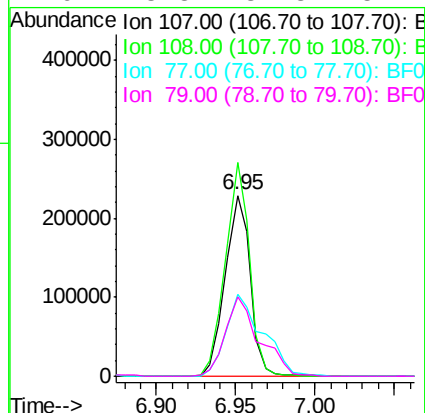
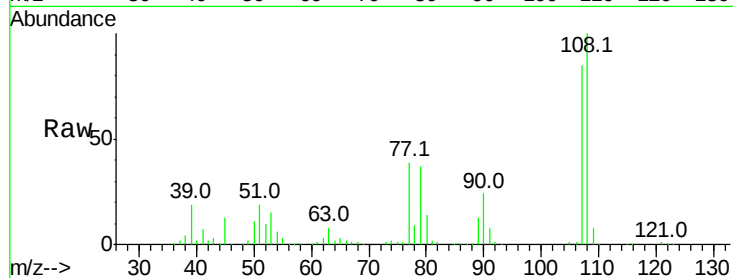




#17
2-Methylphenol
Concen: 46.498 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

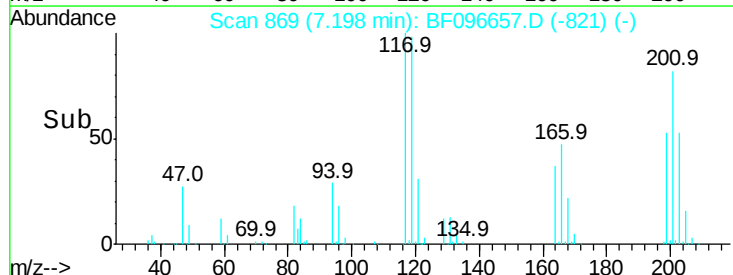
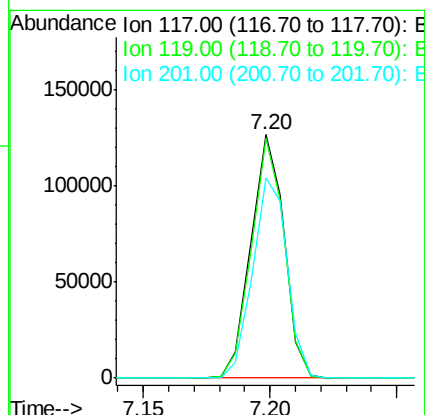
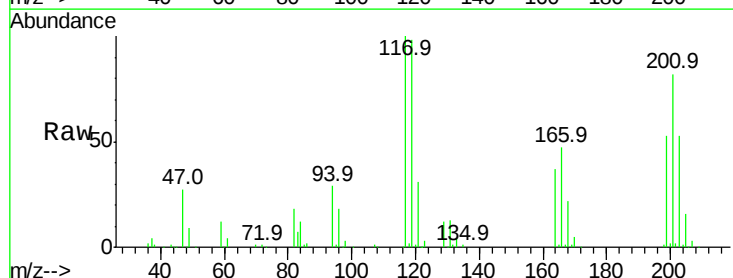
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

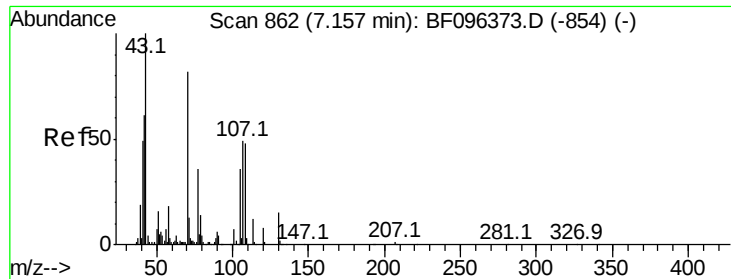
Tot Ion:107 Resp: 251509
Ion Ratio Lower Upper
107 100
108 118.3 93.4 140.0
77 45.6 35.8 53.6
79 43.8 34.8 52.2



#18
Hexachloroethane
Concen: 44.533 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion:117 Resp: 114839
Ion Ratio Lower Upper
117 100
119 98.3 77.4 116.0
201 82.3 94.6 141.8#

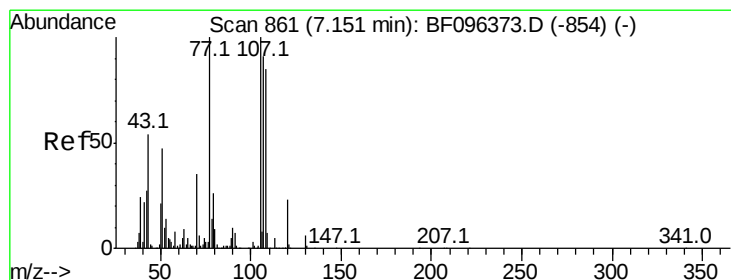
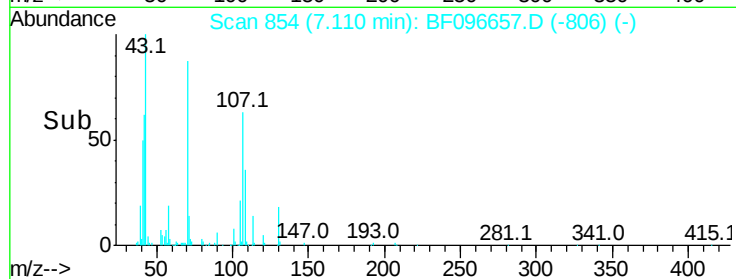
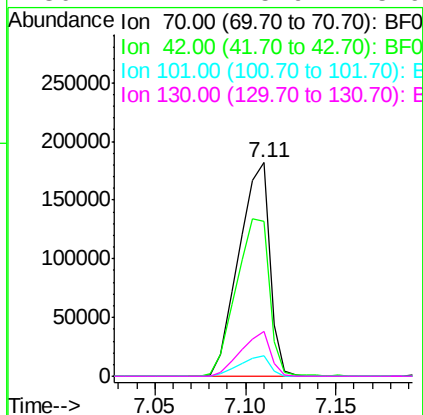
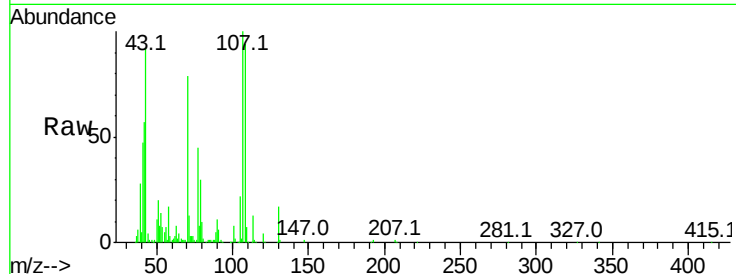




#19
n-Nitroso-di-n-propylamine
Concen: 46.239 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

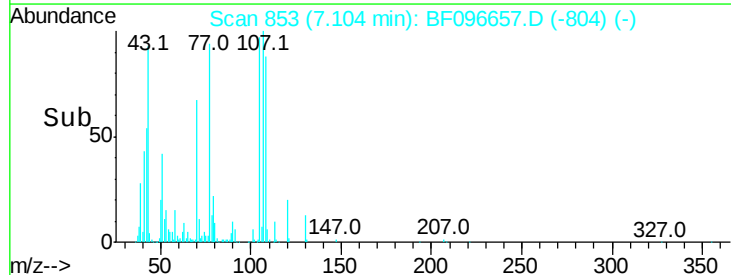
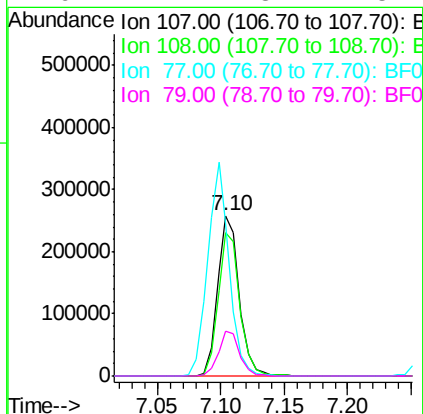
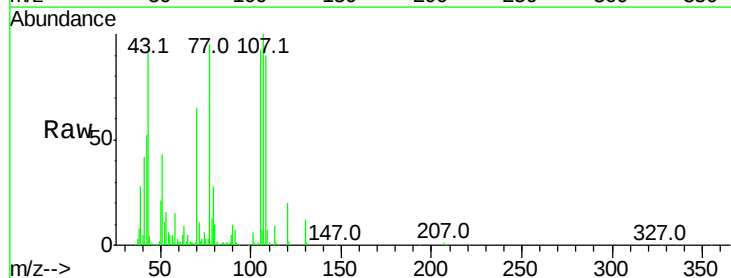
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

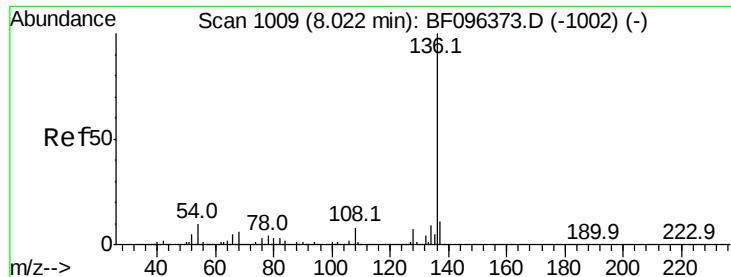
Tot Ion: 70 Resp: 215537
Ion Ratio Lower Upper
70 100
42 72.7 47.2 70.8#
101 9.7 7.2 10.8
130 21.2 15.9 23.9



#20
3+4-Methylphenols
Concen: 50.909 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion: 107 Resp: 307139
Ion Ratio Lower Upper
107 100
108 89.6 71.0 111.0
77 95.1 90.5 130.5
79 27.7 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: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

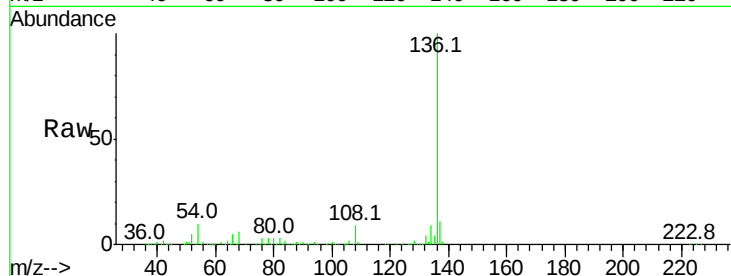
ClientSampleId :

TP-12-COMPMS

Tot Ion:136 Resp: 426183

Ion Ratio Lower Upper

136	100		
137	10.7	8.5	12.7
54	10.3	4.9	7.3#
68	5.9	4.1	6.1

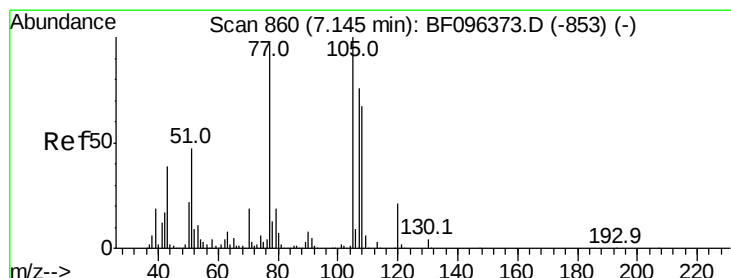
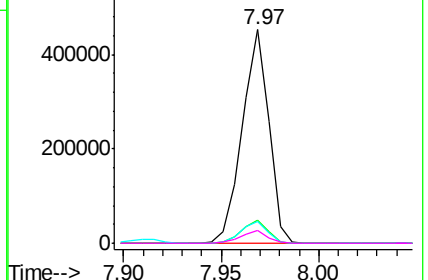
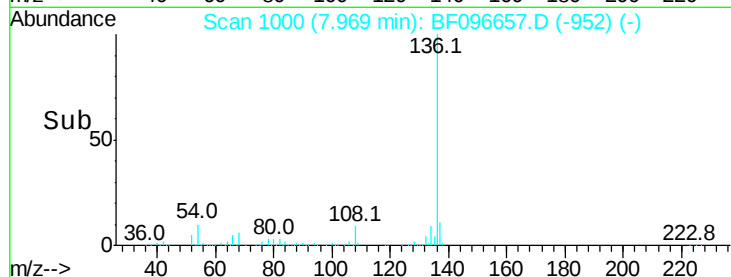


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.851 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

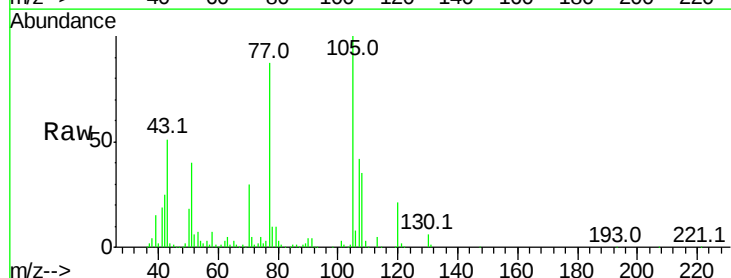
Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Tgt Ion:105 Resp: 426971

Ion Ratio Lower Upper

105	100		
71	5.0	2.8	4.2#
51	40.3	30.7	46.1
120	21.3	17.4	26.0

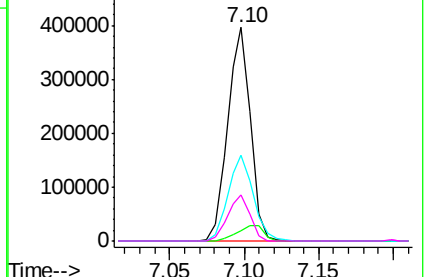
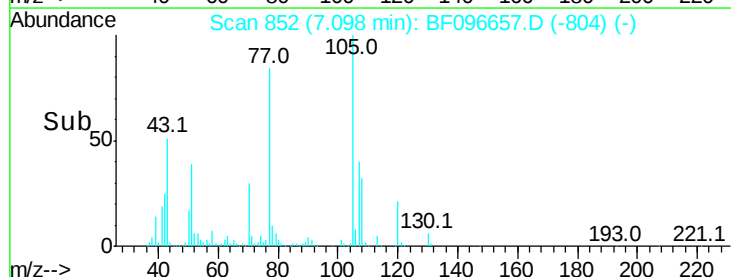


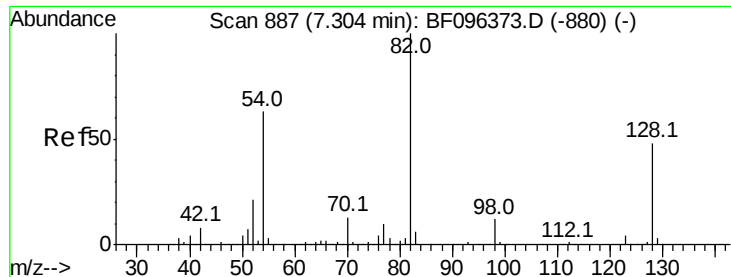
Abundance Ion 105.00 (104.70 to 105.70): E

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

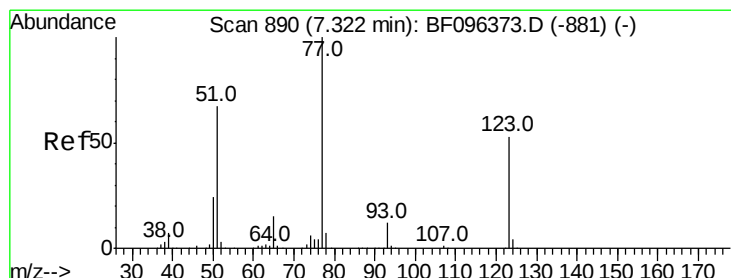
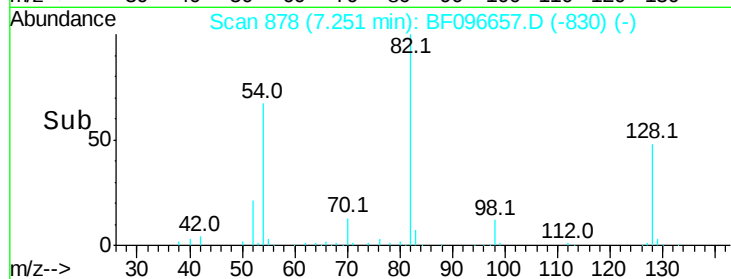
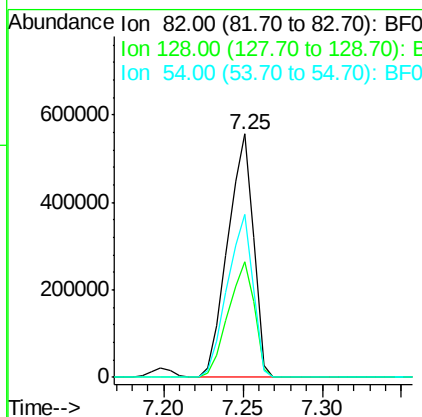
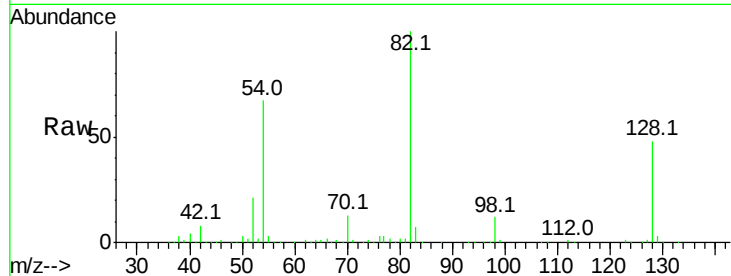




#23
Nitrobenzene-d5
Concen: 88.388 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

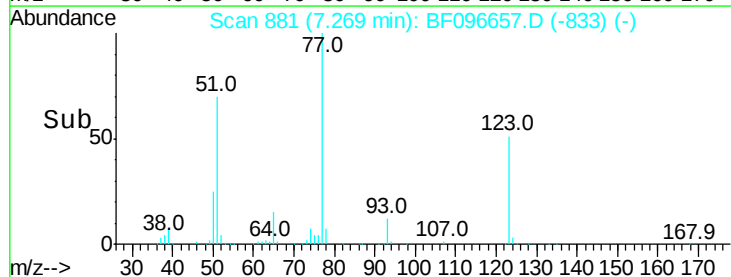
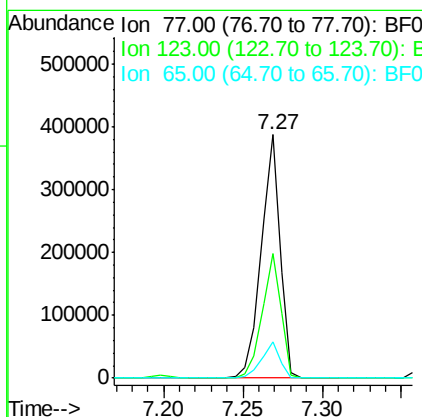
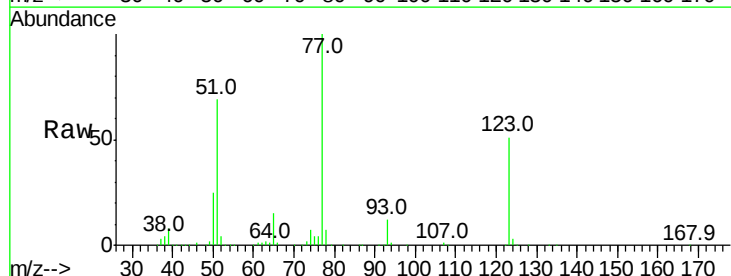
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

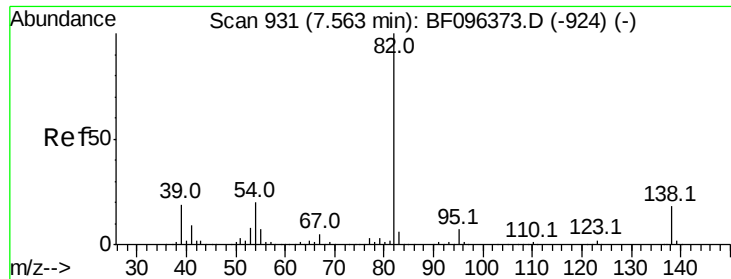
Tot Ion: 82 Resp: 626877
Ion Ratio Lower Upper
82 100
128 47.7 34.0 51.0
54 66.9 42.2 63.2#



#24
Nitrobenzene
Concen: 43.694 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion: 77 Resp: 325098
Ion Ratio Lower Upper
77 100
123 51.3 35.8 53.8
65 14.8 10.6 15.8

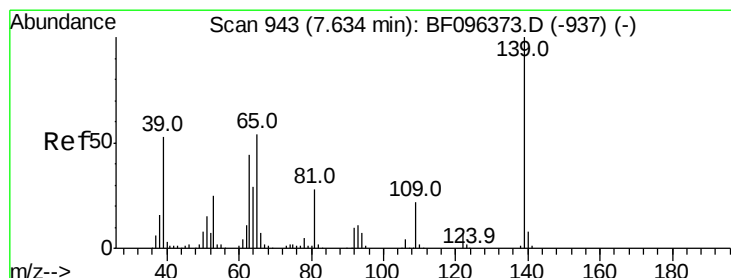
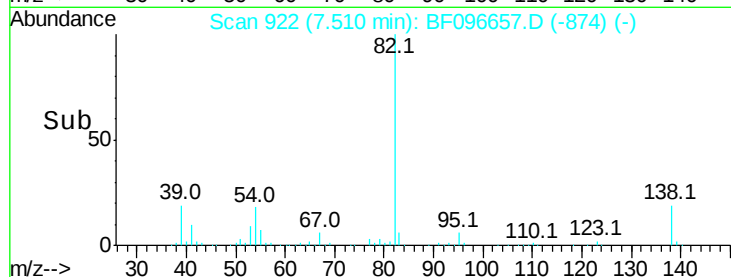
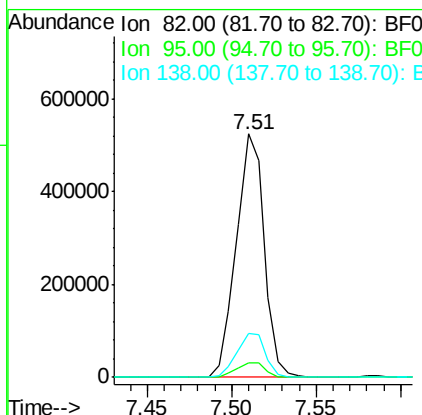
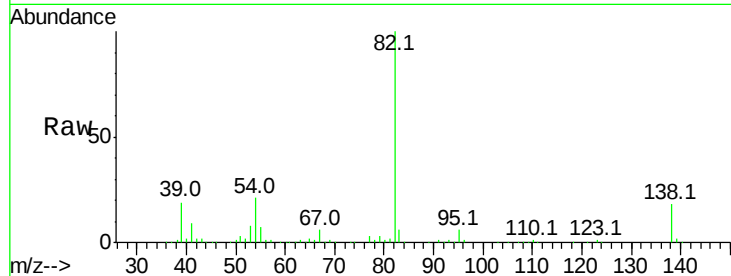




#25
Isophorone
Concen: 43.978 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

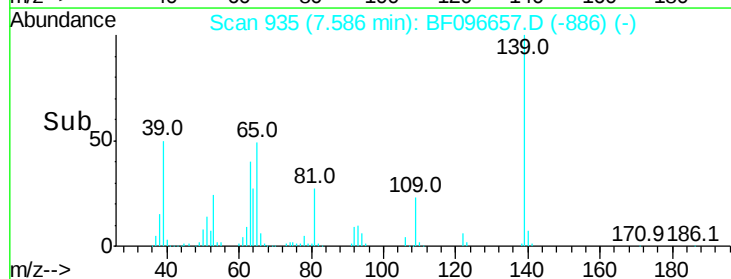
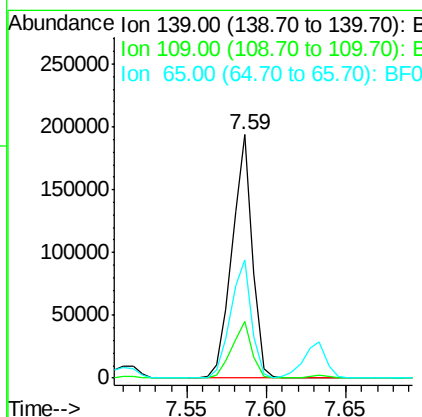
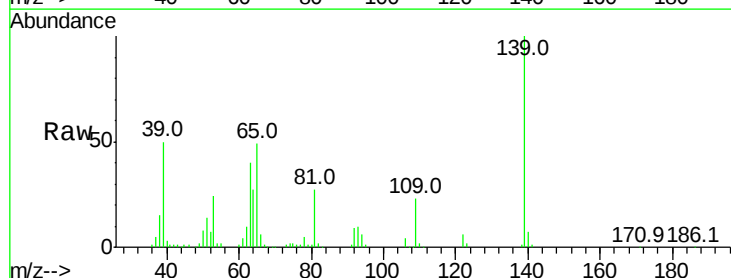
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

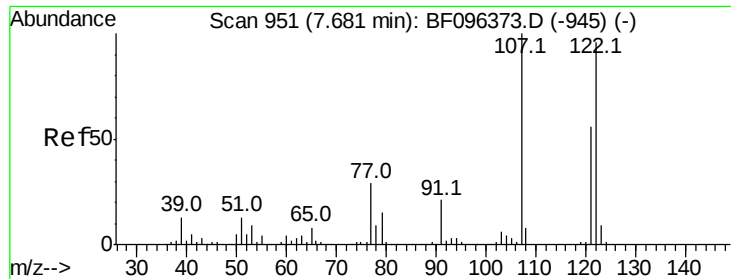
Tot Ion: 82 Resp: 604747
Ion Ratio Lower Upper
82 100
95 6.1 5.3 7.9
138 18.3 13.1 19.7



#26
2-Nitrophenol
Concen: 43.704 ng
RT: 7.59 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion:139 Resp: 172110
Ion Ratio Lower Upper
139 100
109 23.4 21.0 31.6
65 48.5 33.0 49.6

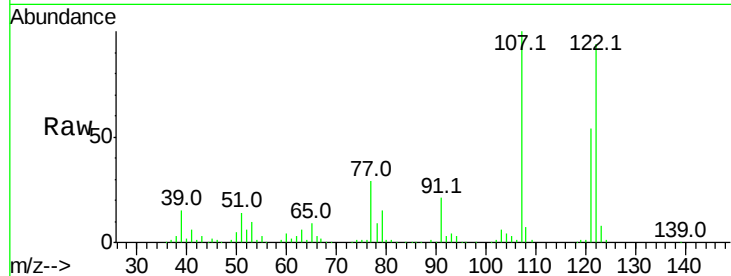




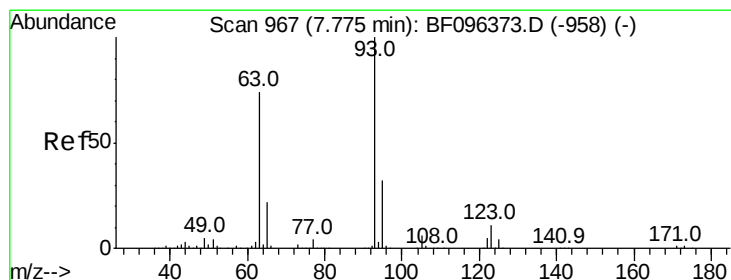
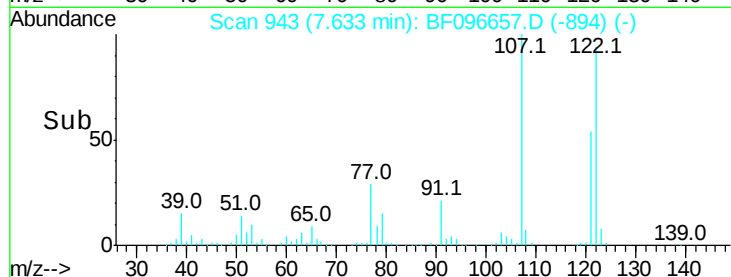
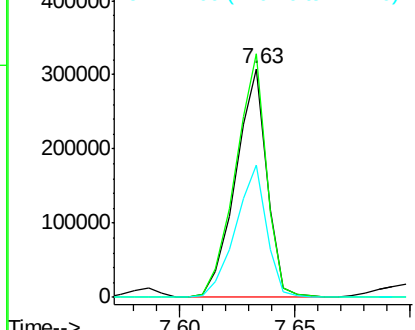
#27
 2,4-Dimethylphenol
 Concen: 43.665 ng
 RT: 7.63 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tot Ion:122 Resp: 292797
 Ion Ratio Lower Upper
 122 100
 107 106.4 89.2 133.8
 121 57.6 45.2 67.8

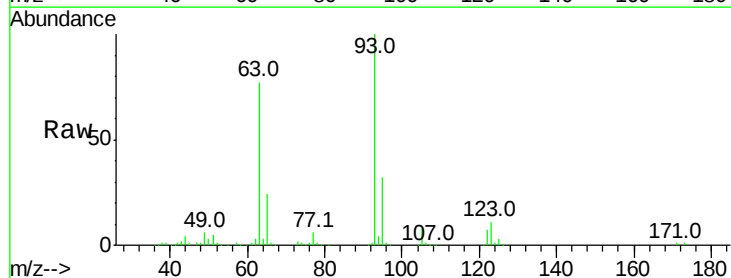


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

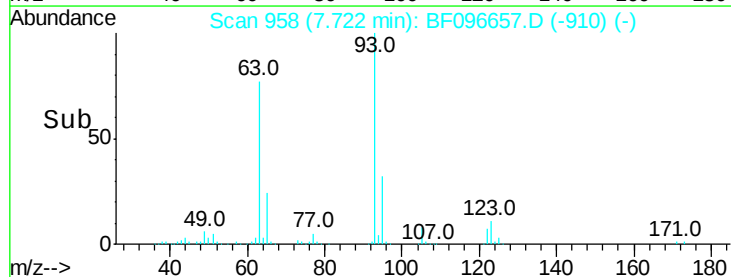
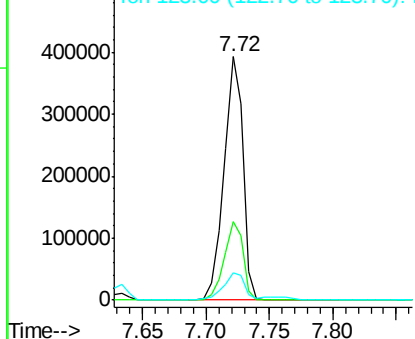


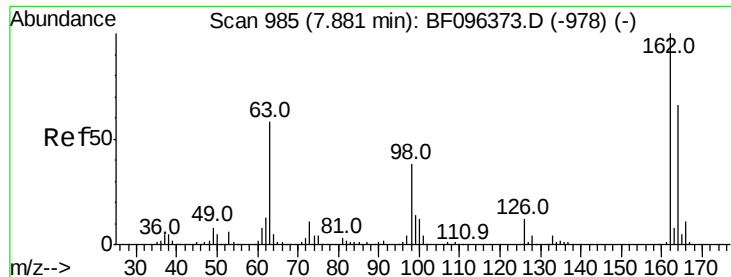
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.700 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion: 93 Resp: 405769
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.5 39.7
 123 11.2 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

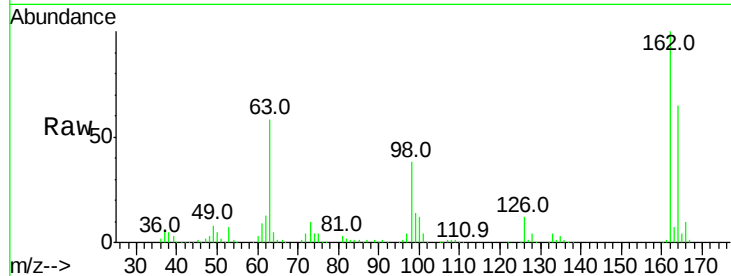




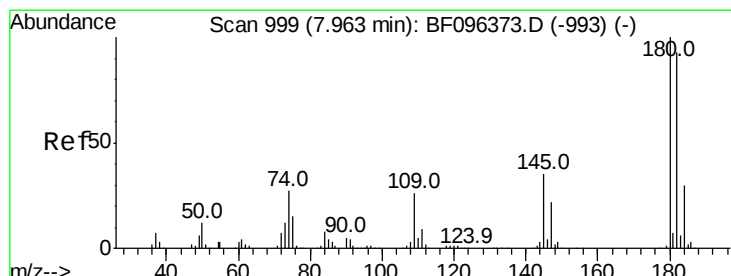
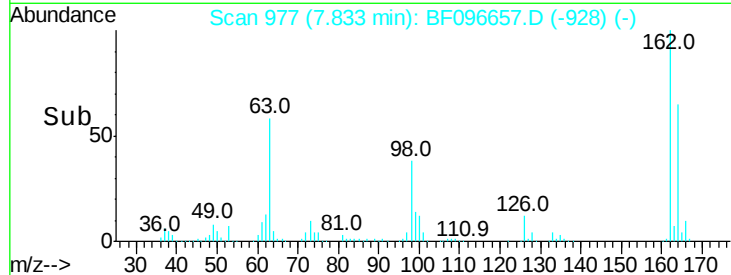
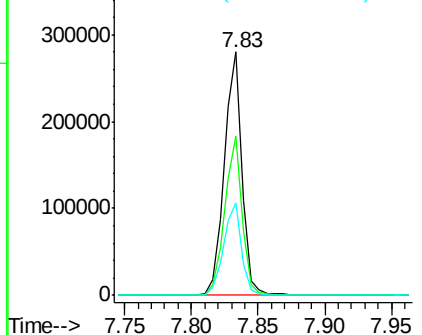
#29
 2,4-Dichlorophenol
 Concen: 45.743 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tot Ion:162 Resp: 264644
 Ion Ratio Lower Upper
 162 100
 164 65.4 44.6 84.6
 98 38.1 14.8 54.8

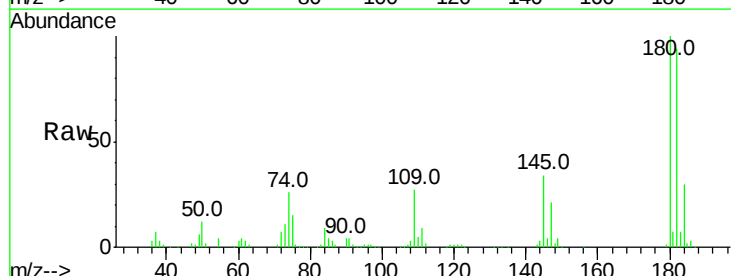


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

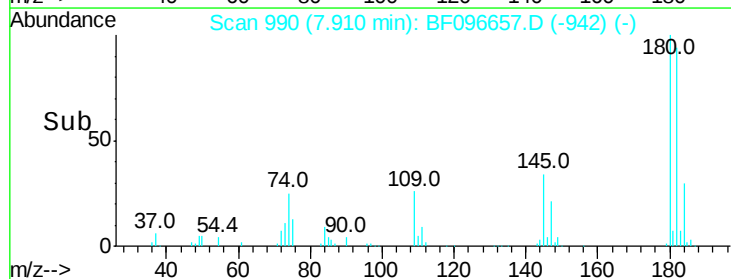
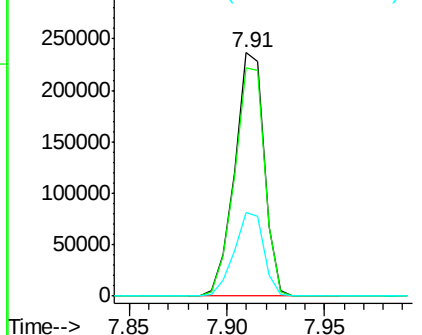


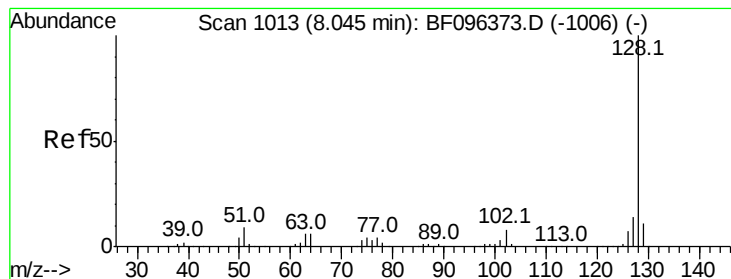
#30
 1,2,4-Trichlorobenzene
 Concen: 45.526 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion:180 Resp: 248454
 Ion Ratio Lower Upper
 180 100
 182 93.9 75.8 113.6
 145 34.3 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: 46.415 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMS

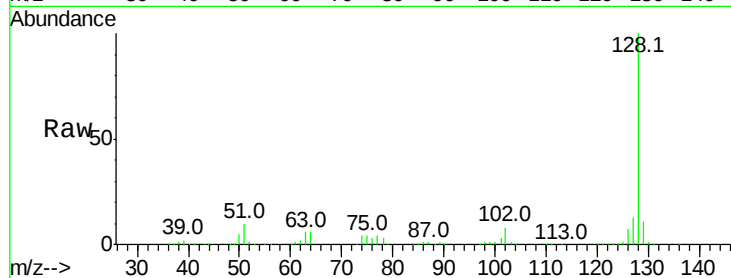
Tot Ion:128 Resp: 933859

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

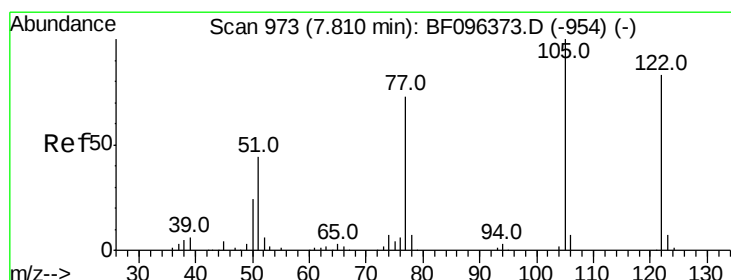
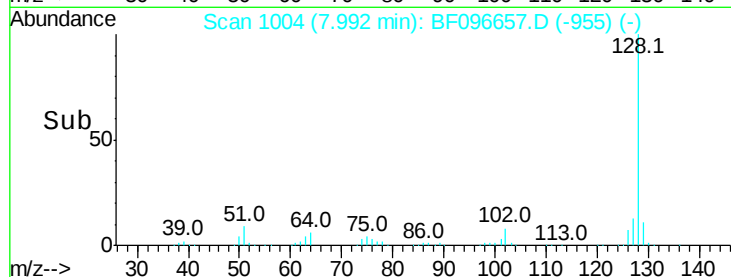
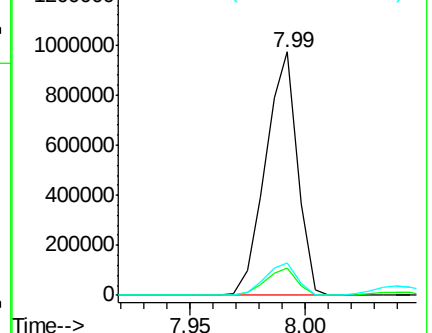
127 13.1 10.8 16.2



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: 34.305 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

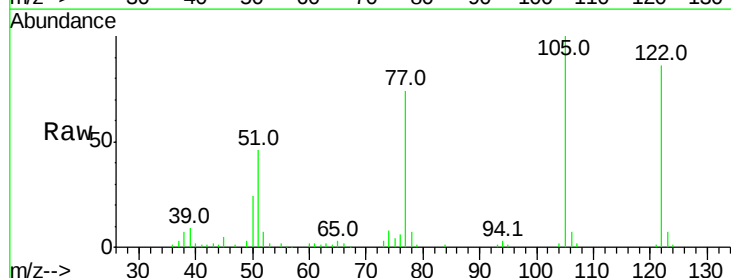
Tgt Ion:122 Resp: 193193

Ion Ratio Lower Upper

122 100

105 116.6 103.3 143.3

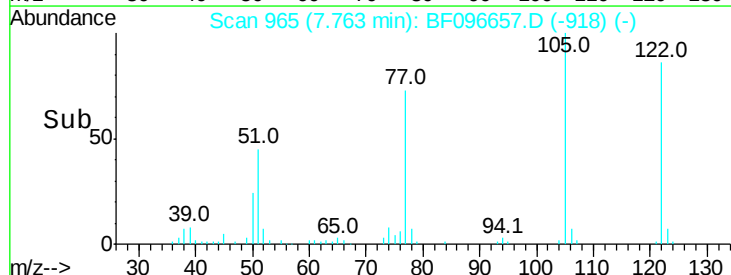
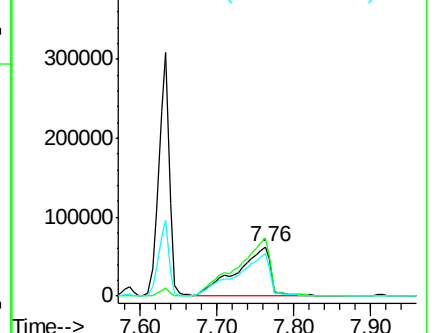
77 86.2 73.7 113.7

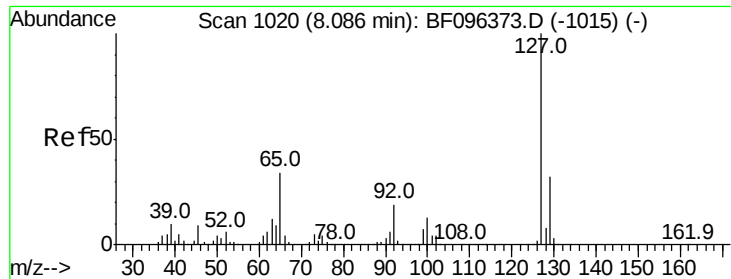


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

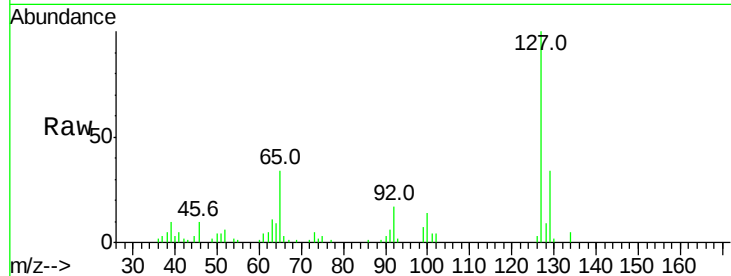




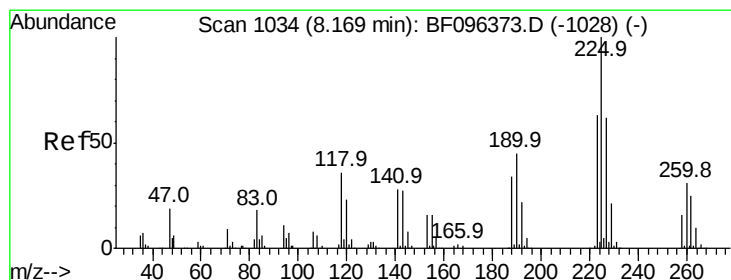
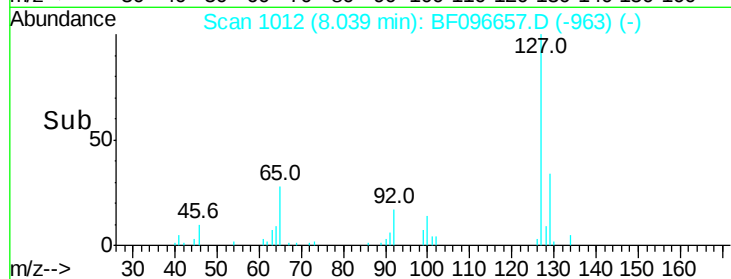
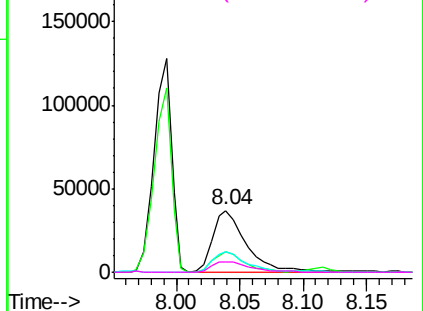
#33
4-Chloroaniline
Concen: 8.071 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tot Ion:	127	Resp:	67451
Ion	Ratio	Lower	Upper
127	100		
129	34.3	26.2	39.2
65	33.5	27.8	41.8
92	17.4	16.8	25.2

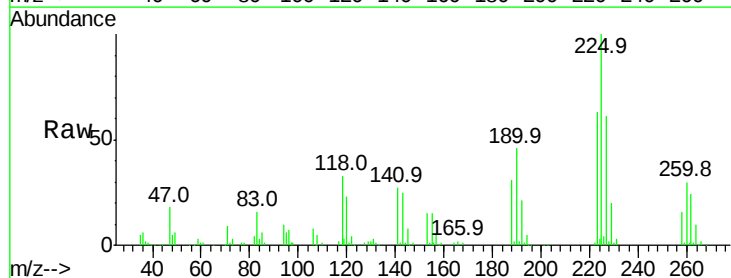


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

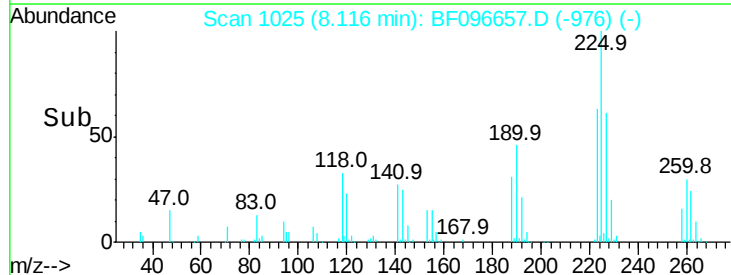
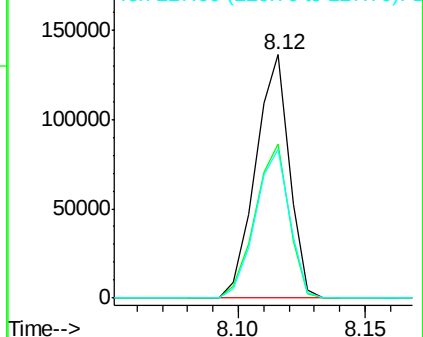


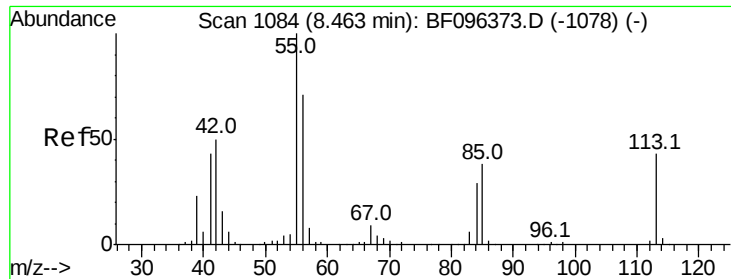
#34
Hexachlorobutadiene
Concen: 45.278 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion:	225	Resp:	126739
Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.8	73.2
227	61.0	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

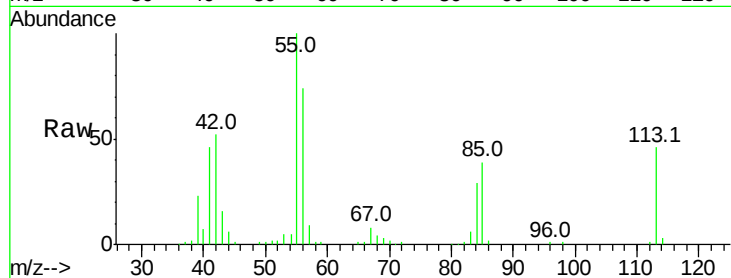




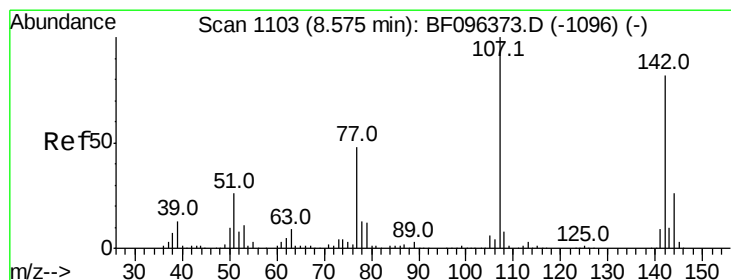
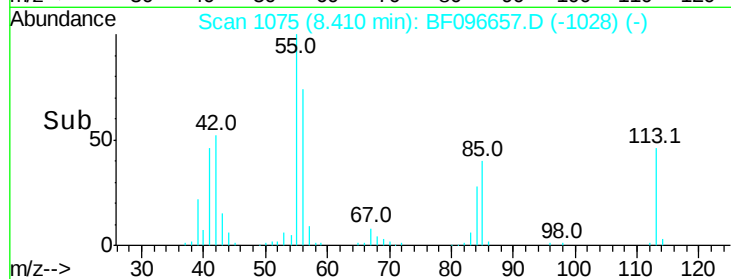
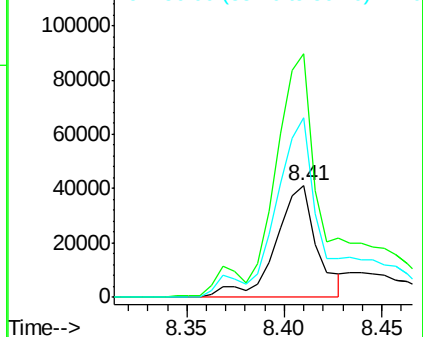
#35
 Caprolactam
 Concen: 30.185 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tot Ion:113 Resp: 60219
 Ion Ratio Lower Upper
 113 100
 55 217.9 150.2 190.2#
 56 160.5 107.8 147.8#

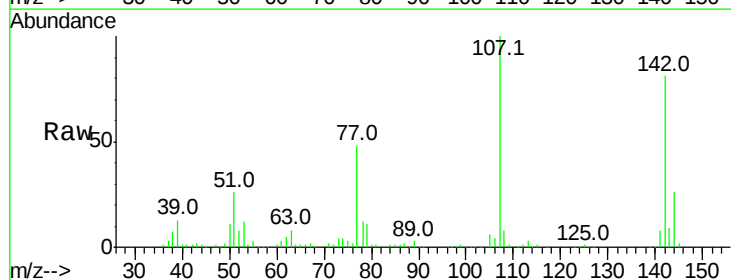


Abundance Ion 113.00 (112.70 to 113.70): E
 120000
 100000
 80000
 60000
 40000
 20000
 0

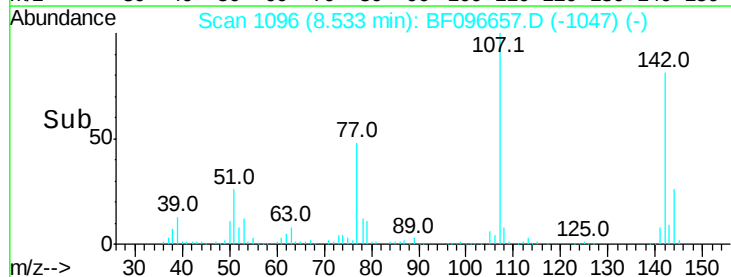
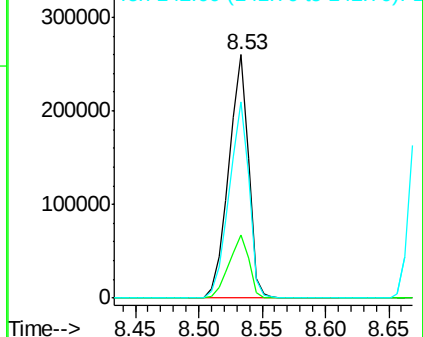


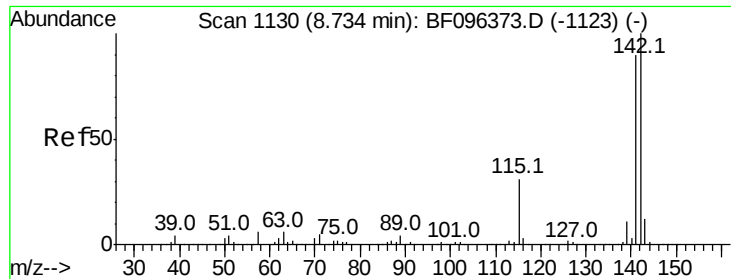
#36
 4-Chloro-3-methylphenol
 Concen: 43.755 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion:107 Resp: 280100
 Ion Ratio Lower Upper
 107 100
 144 26.1 24.2 36.4
 142 80.5 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 300000
 200000
 100000
 0

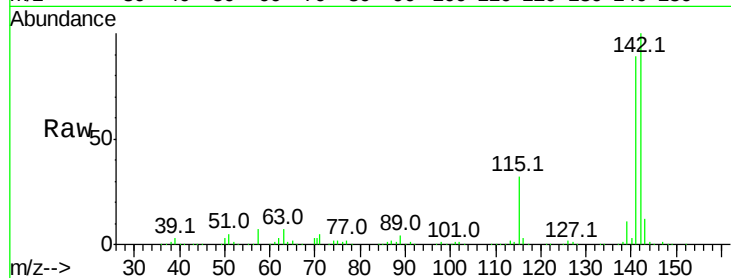




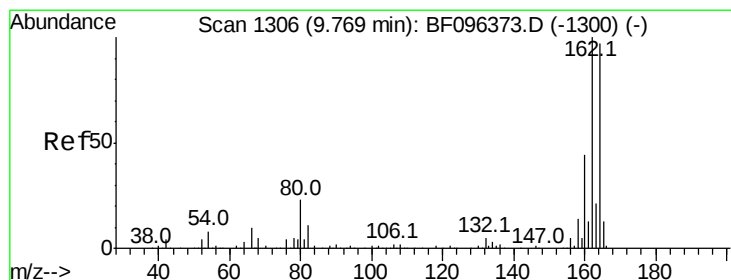
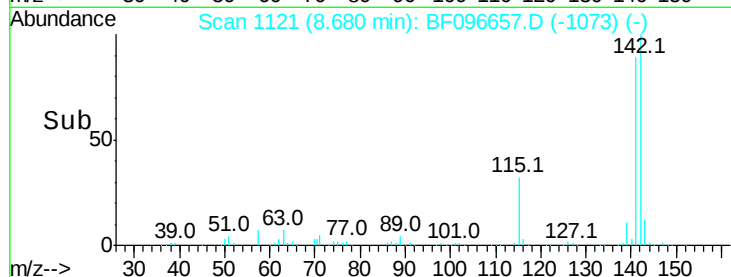
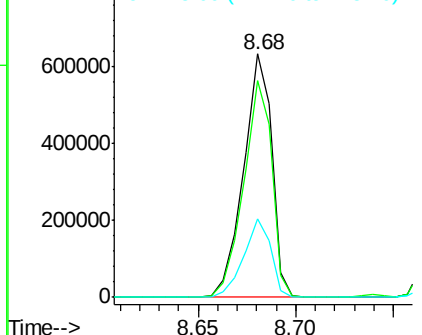
#37
2-Methylnaphthalene
Concen: 49.500 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tot Ion:142 Resp: 633957
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9
115 32.3 27.1 40.7

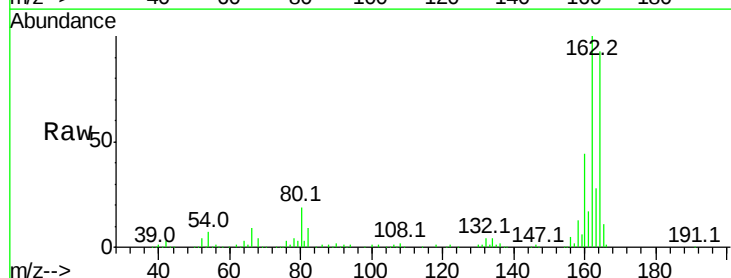


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

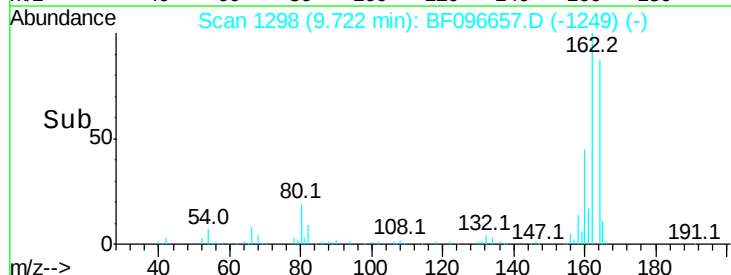
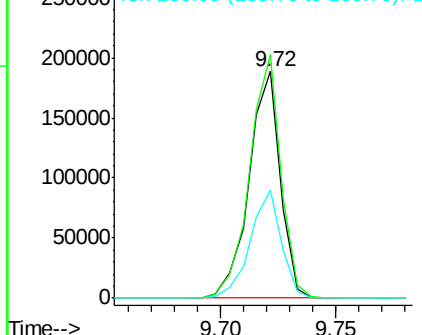


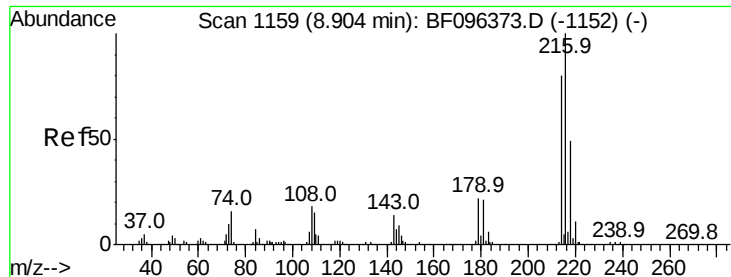
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion:164 Resp: 178526
Ion Ratio Lower Upper
164 100
162 107.3 82.6 123.8
160 47.4 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

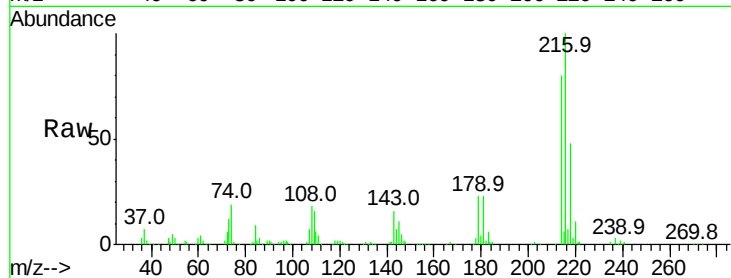




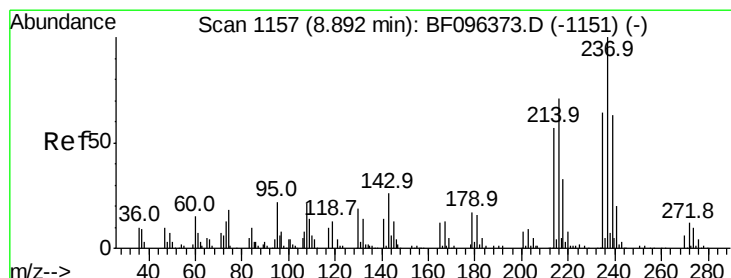
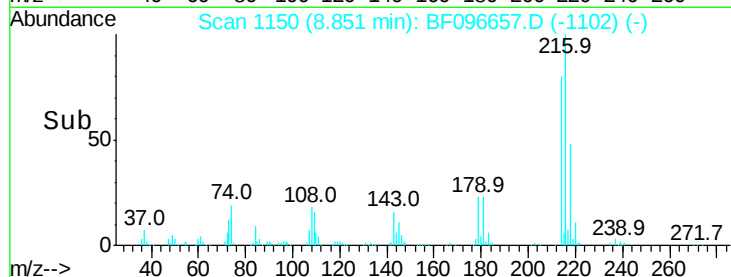
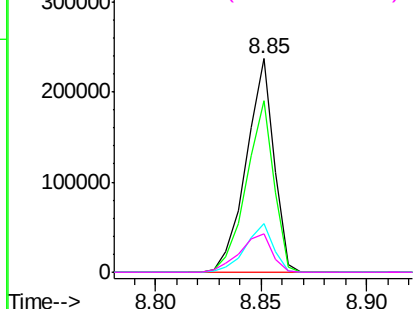
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.439 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tot Ion:	216	Resp:	215267
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.4	95.2
179	22.7	17.9	26.9
108	21.0	16.5	24.7

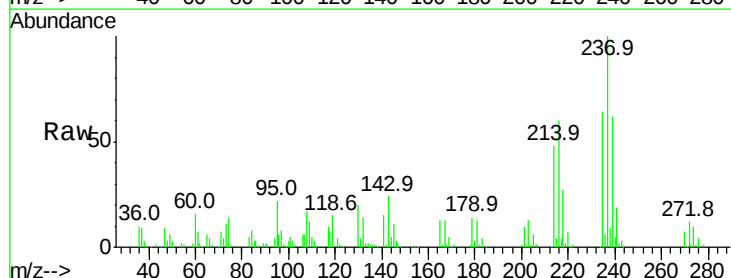


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

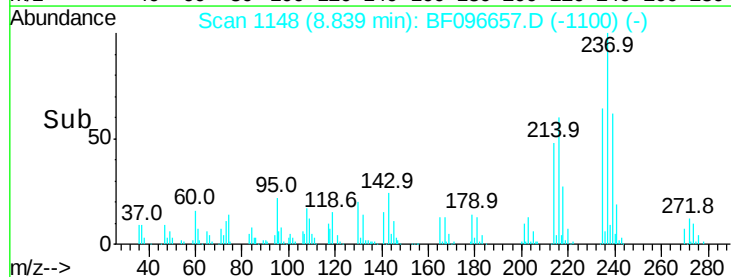
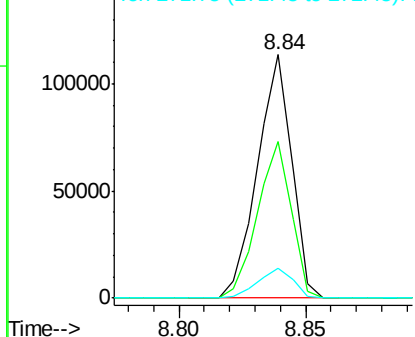


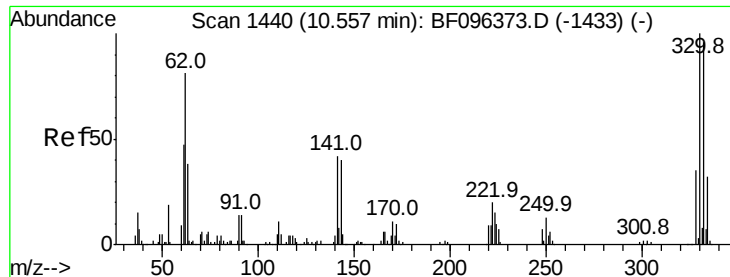
#40
 Hexachlorocyclopentadiene
 Concen: 47.550 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion:	237	Resp:	107174
Ion	Ratio	Lower	Upper
237	100		
235	64.4	42.6	82.6
272	12.2	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

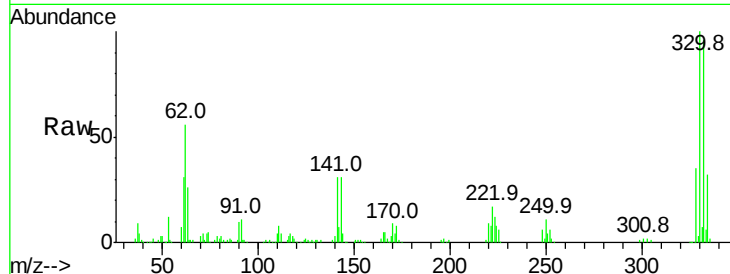




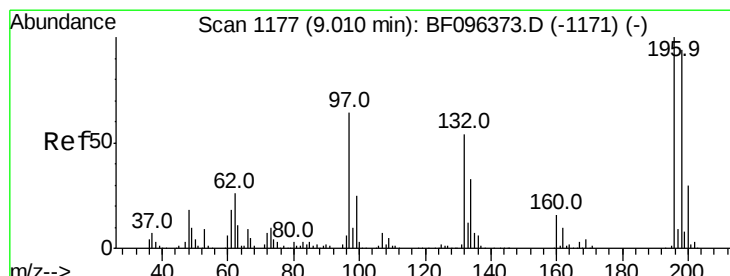
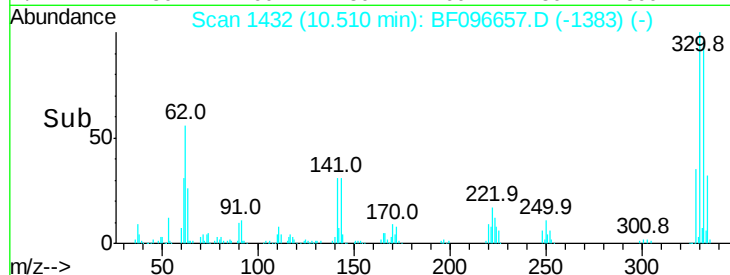
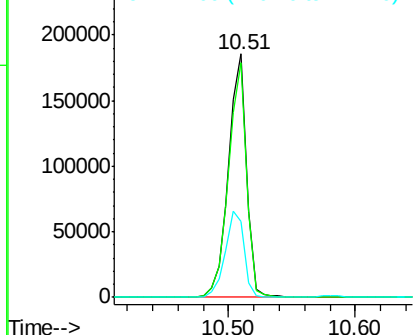
#41
 2,4,6-Tribromophenol
 Concen: 130.801 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tot Ion:330 Resp: 182403
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 37.3 31.4 47.2

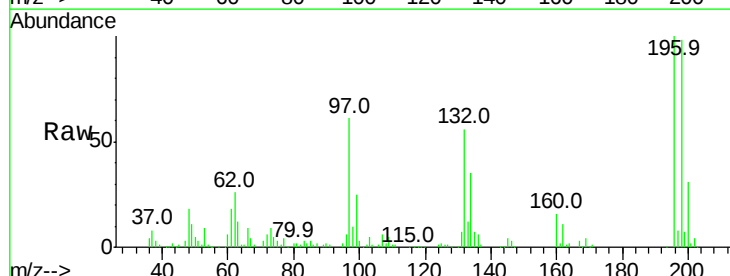


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

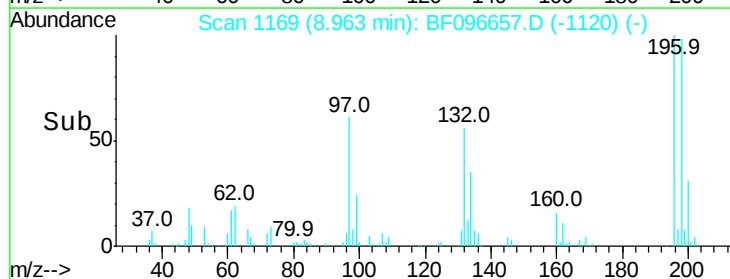
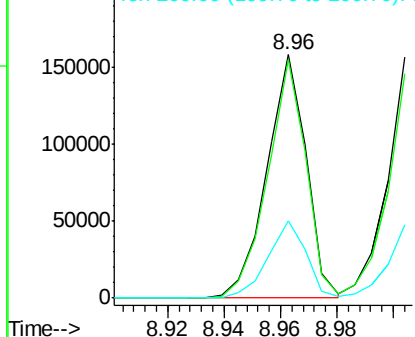


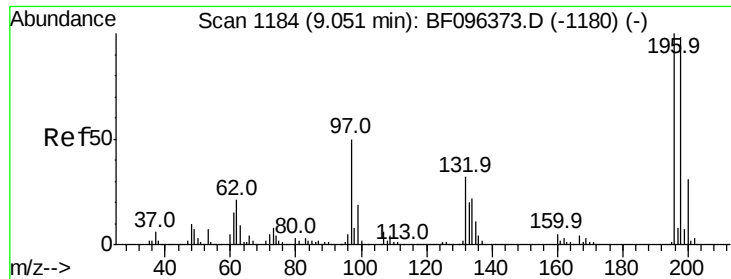
#42
 2,4,6-Trichlorophenol
 Concen: 41.762 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion:196 Resp: 153141
 Ion Ratio Lower Upper
 196 100
 198 97.7 74.2 111.4
 200 31.5 24.0 36.0



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

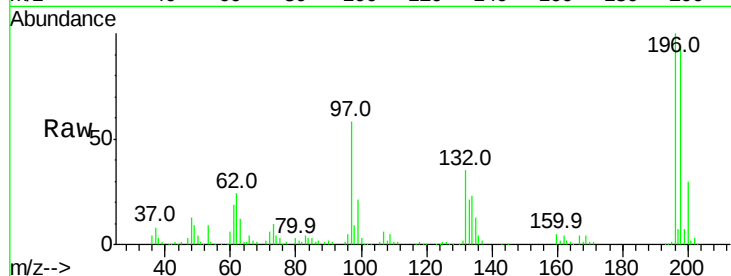




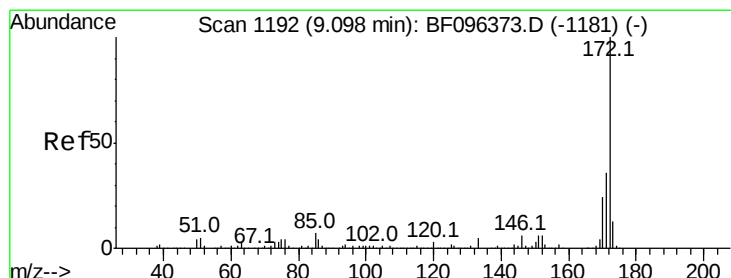
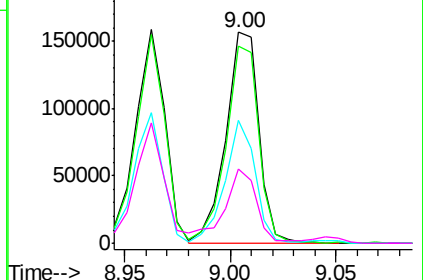
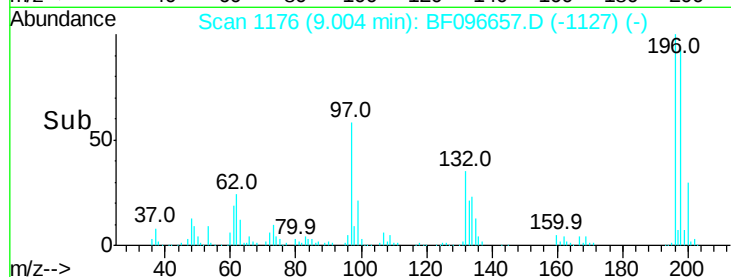
#43
 2,4,5-Trichlorophenol
 Concen: 46.645 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tot Ion:196 Resp: 169122
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.7 113.5
 97 58.0 47.7 71.5
 132 35.3 28.0 42.0

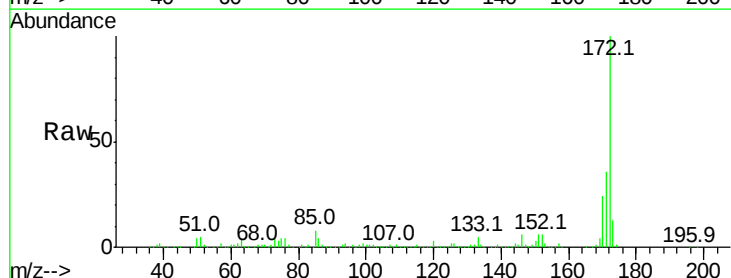


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

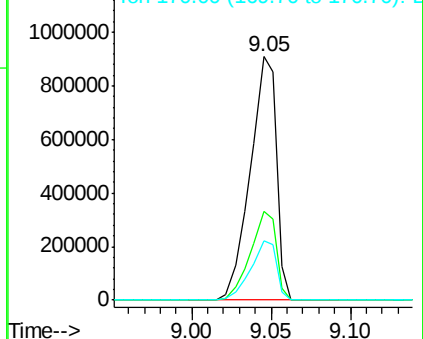
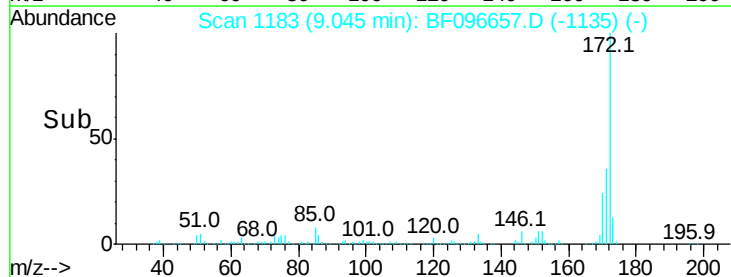


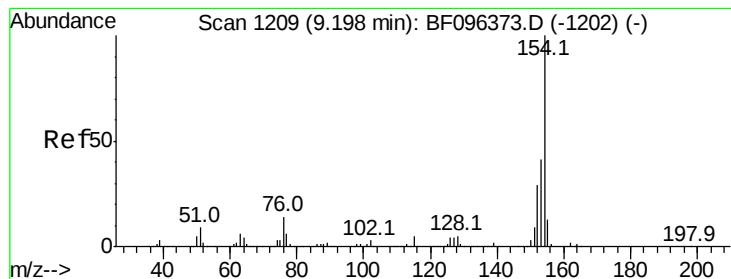
#44
 2-Fluorobiphenyl
 Concen: 100.102 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion:172 Resp: 1045211
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.1 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: 44.924 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMS

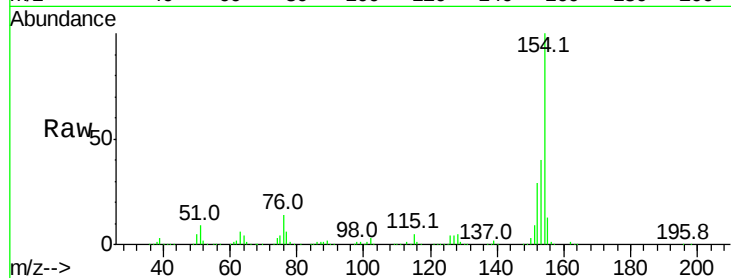
Tot Ion:154 Resp: 687178

Ion Ratio Lower Upper

154 100

153 40.5 21.2 61.2

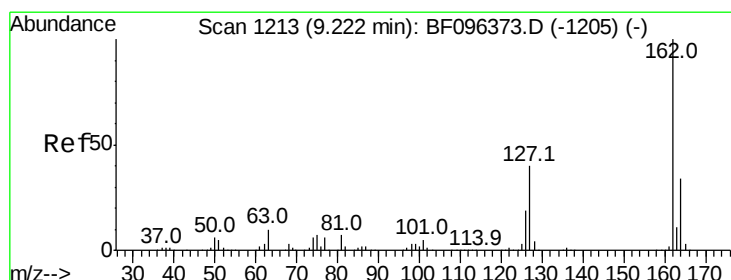
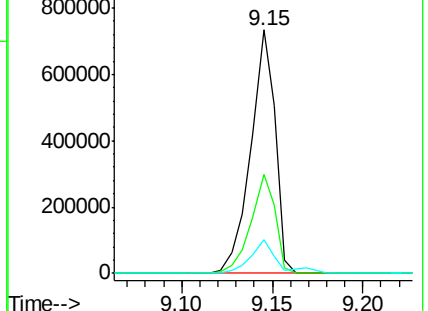
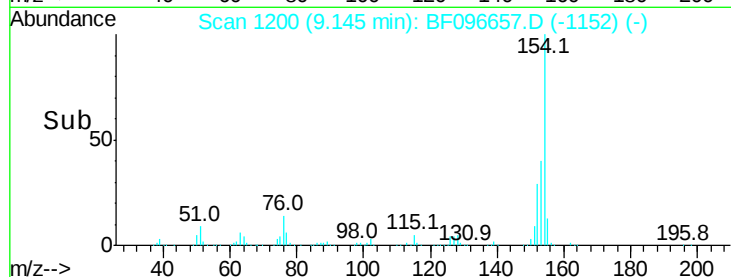
76 13.9 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.304 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

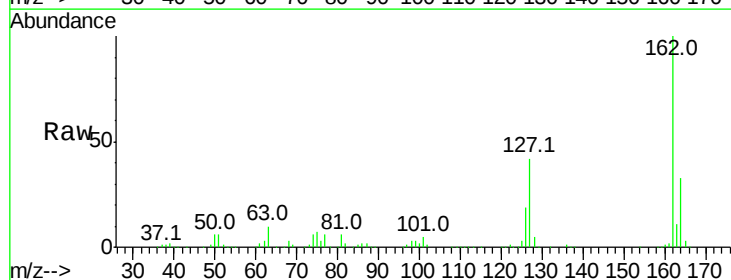
Tgt Ion:162 Resp: 527845

Ion Ratio Lower Upper

162 100

127 42.3 28.3 42.5

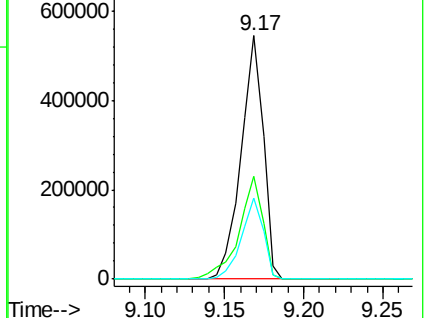
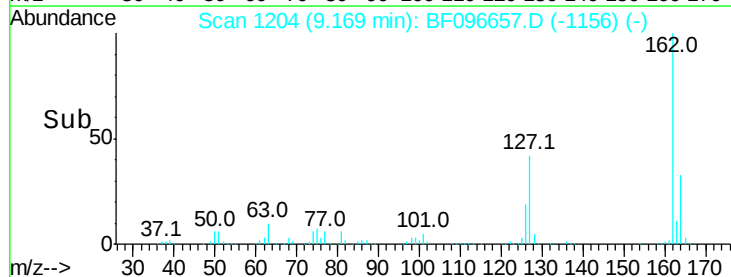
164 33.2 27.0 40.4

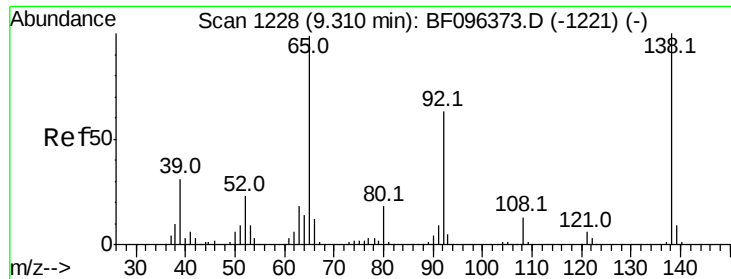


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

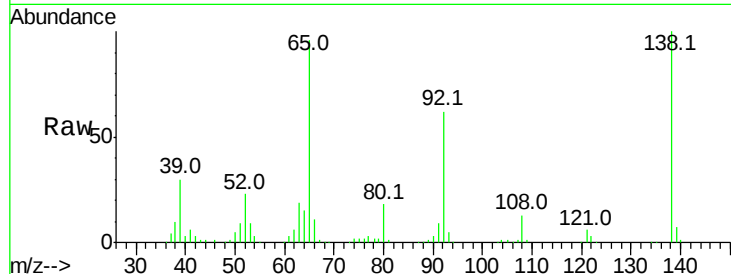




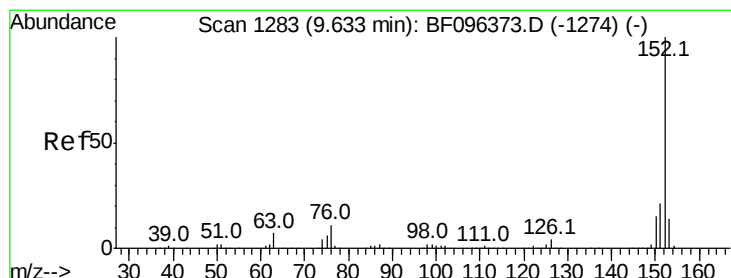
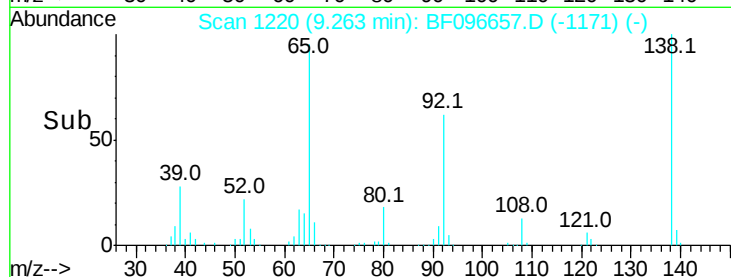
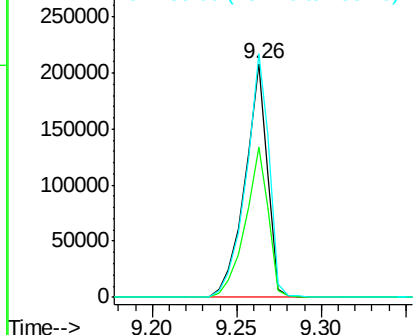
#47
2-Nitroaniline
Concen: 46.797 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tot Ion: 65 Resp: 194109
Ion Ratio Lower Upper
65 100
92 64.4 53.9 80.9
138 104.2 78.8 118.2

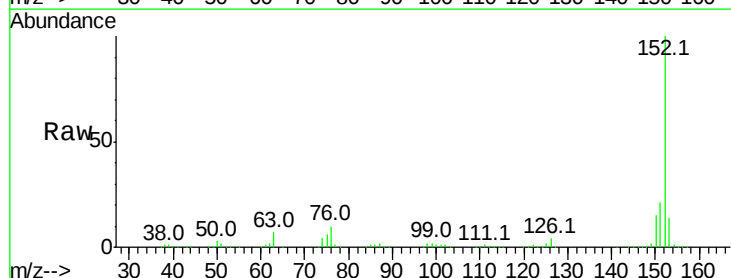


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

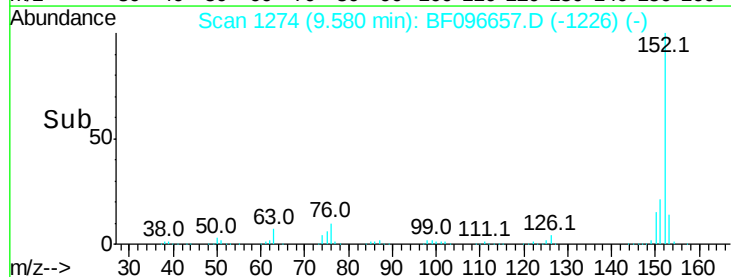
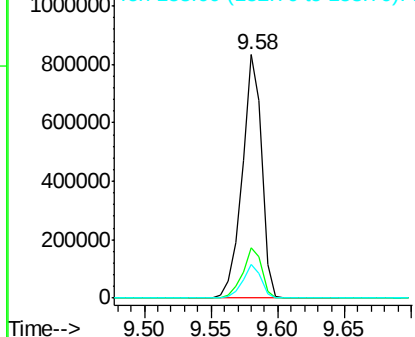


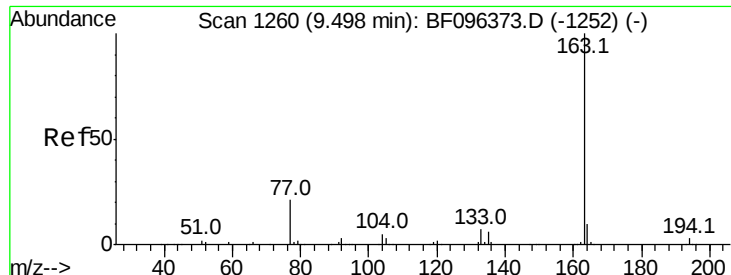
#48
Acenaphthylene
Concen: 46.200 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion: 152 Resp: 834519
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.6 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

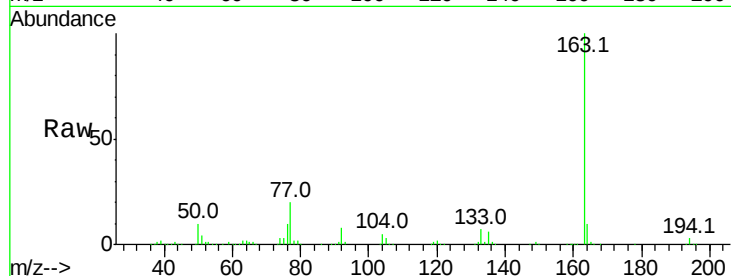




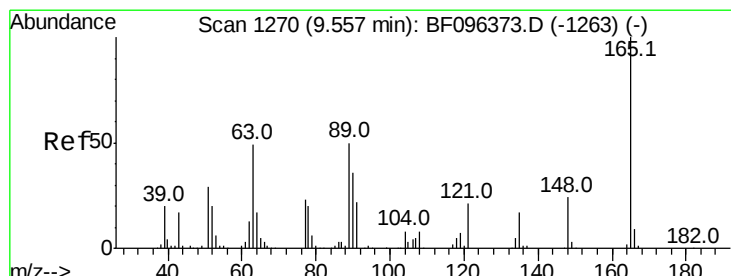
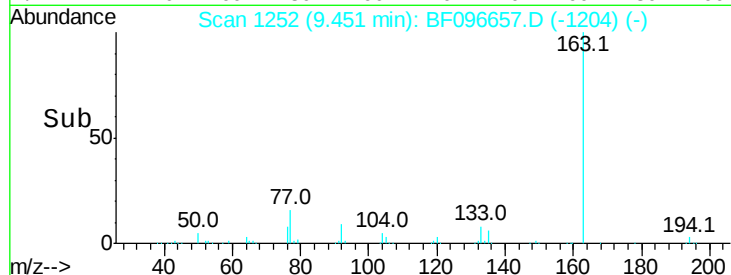
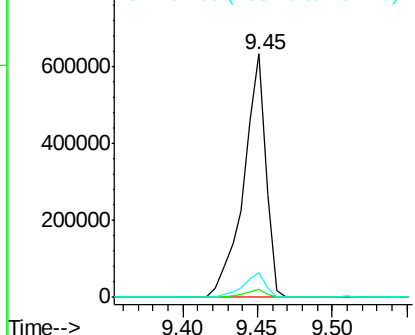
#49
Dimethylphthalate
Concen: 49.117 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tot Ion:163 Resp: 654593
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.1 8.4 12.6

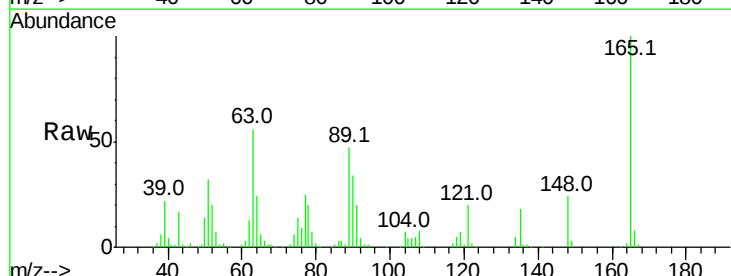


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

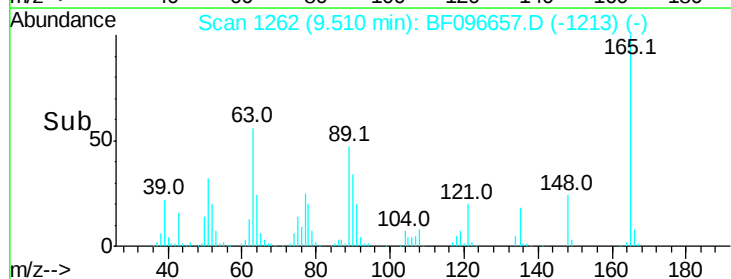
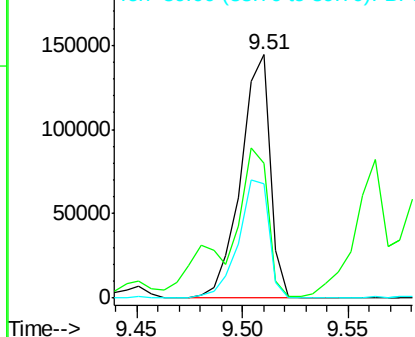


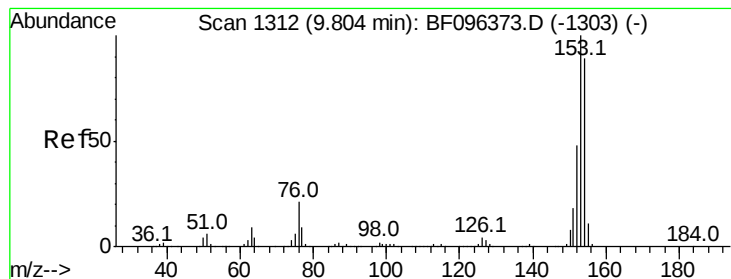
#50
2,6-Dinitrotoluene
Concen: 47.563 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion:165 Resp: 140173
Ion Ratio Lower Upper
165 100
63 55.6 34.3 51.5#
89 47.1 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: 44.331 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMS

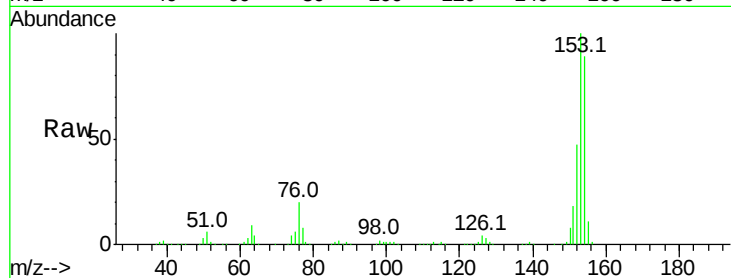
Tot Ion:154 Resp: 493586

Ion Ratio Lower Upper

154 100

153 112.3 90.5 135.7

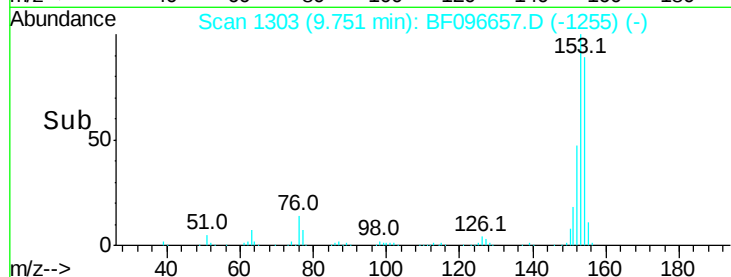
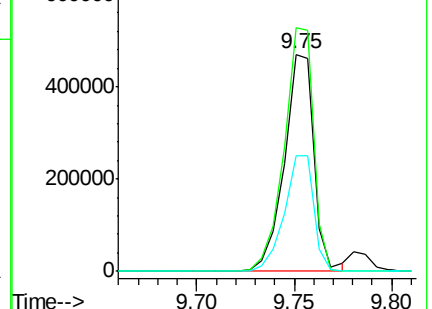
152 53.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.370 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

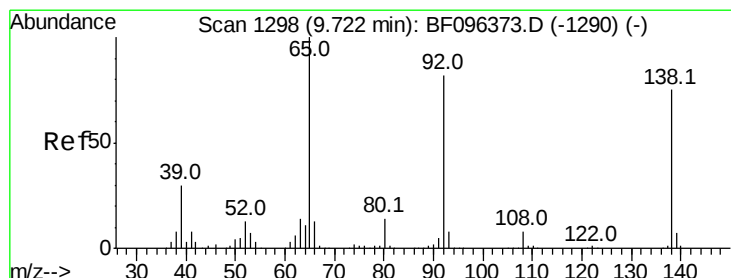
Tgt Ion:138 Resp: 67524

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

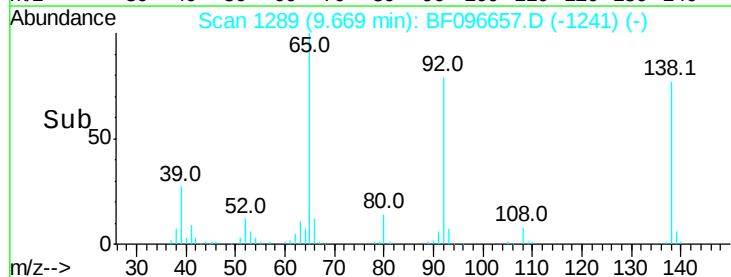
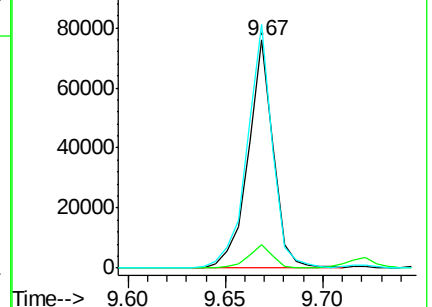
92 106.8 93.8 140.6



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

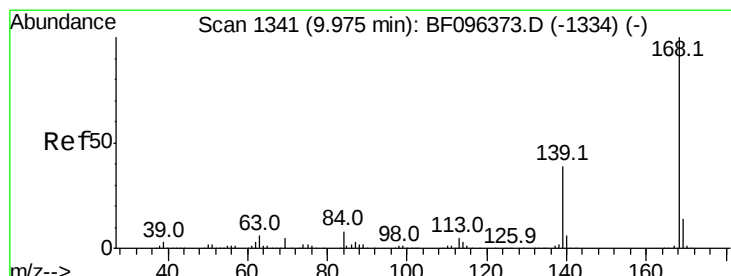
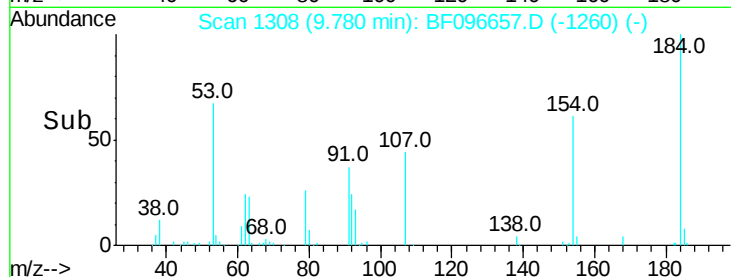
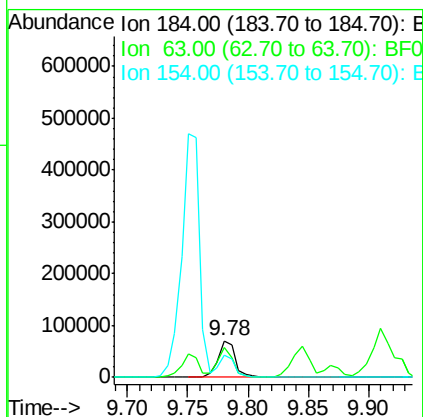
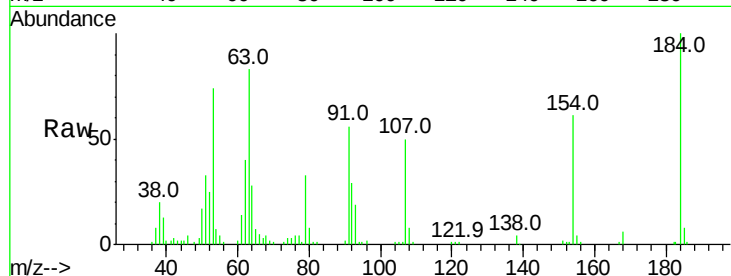




#53
2,4-Dinitrophenol
Concen: 45.408 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

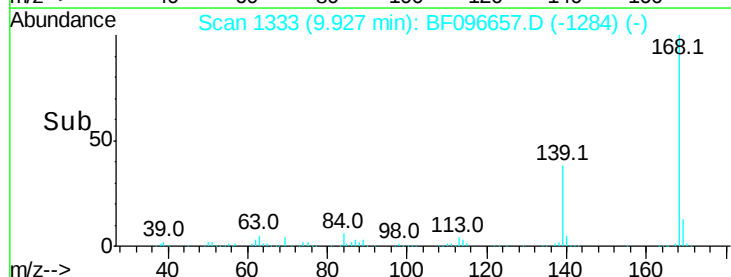
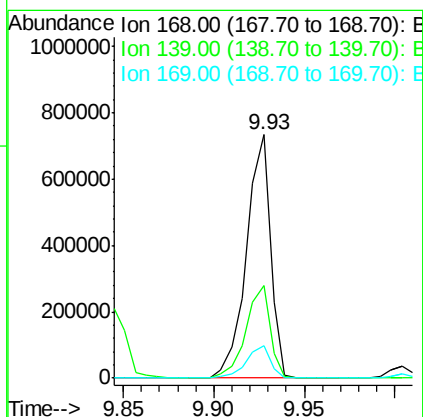
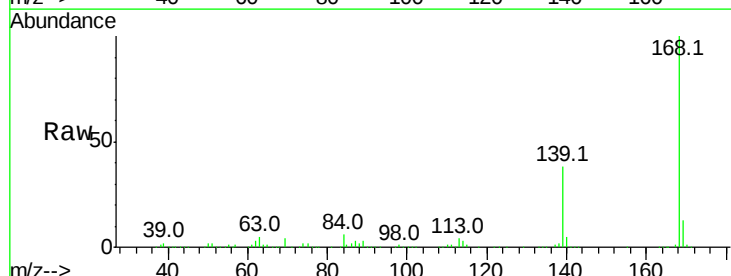
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

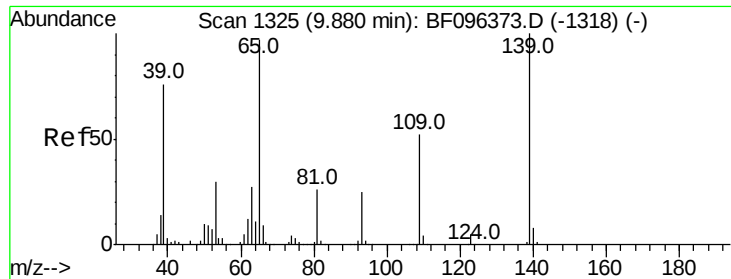
Tot Ion:184 Resp: 71077
Ion Ratio Lower Upper
184 100
63 82.7 62.7 94.1
154 60.9 81.1 121.7#



#54
Dibenzofuran
Concen: 46.302 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion:168 Resp: 680641
Ion Ratio Lower Upper
168 100
139 38.1 30.6 45.8
169 13.4 10.8 16.2

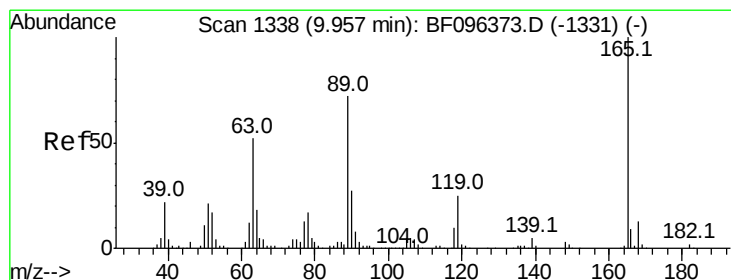
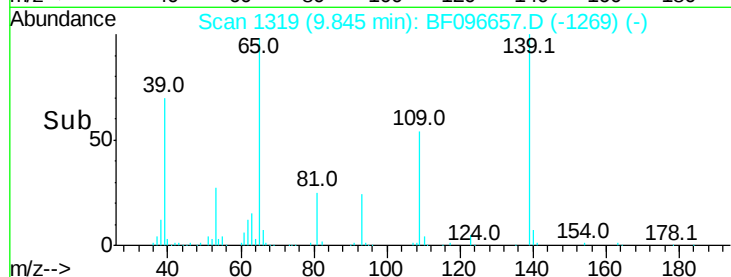
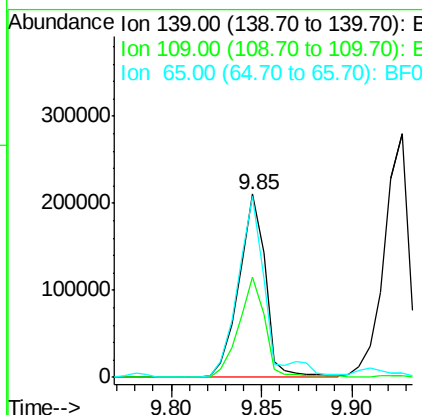
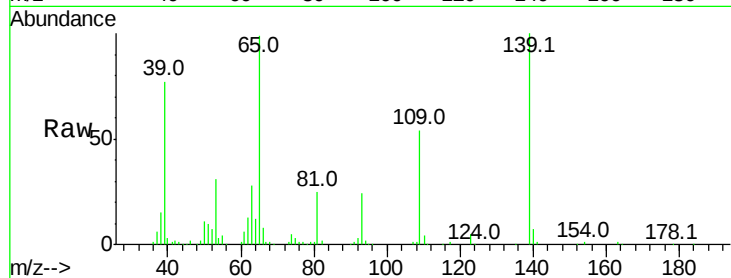




#55
4-Nitrophenol
Concen: 70.059 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

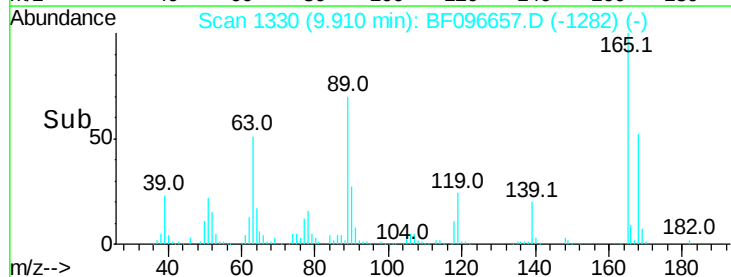
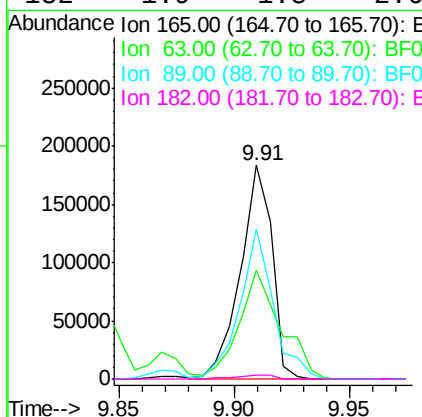
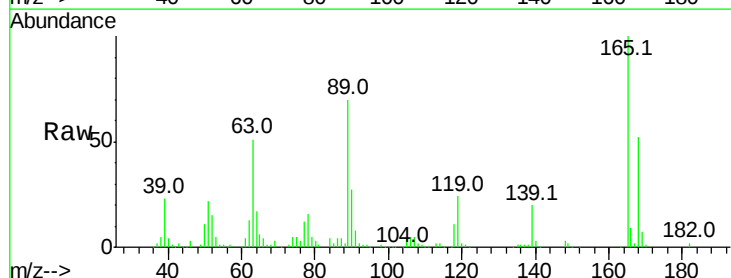
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

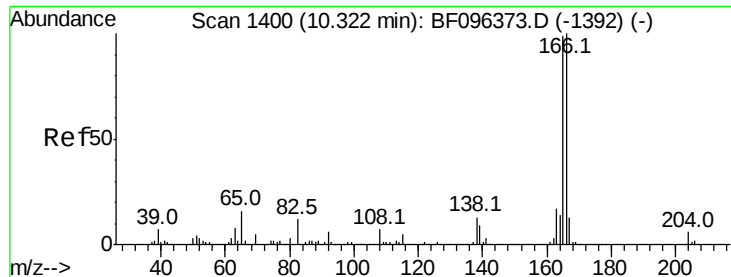
Tot Ion:139 Resp: 213447
Ion Ratio Lower Upper
139 100
109 54.4 34.1 74.1
65 98.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 47.279 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion:165 Resp: 176451
Ion Ratio Lower Upper
165 100
63 51.1 25.4 38.0#
89 70.3 46.4 69.6#
182 1.9 1.8 2.6

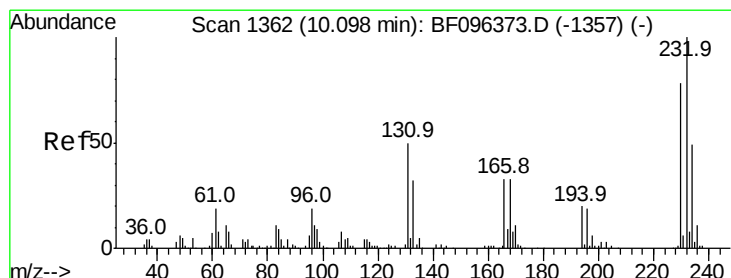
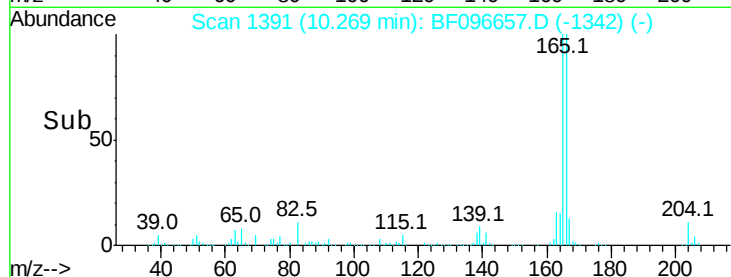
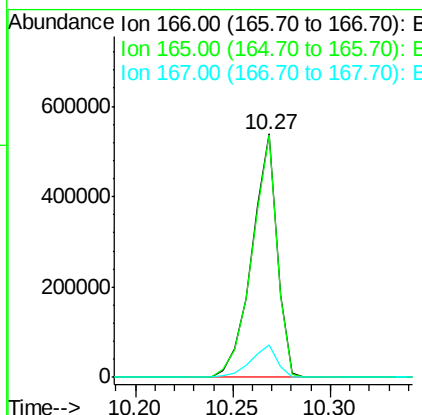
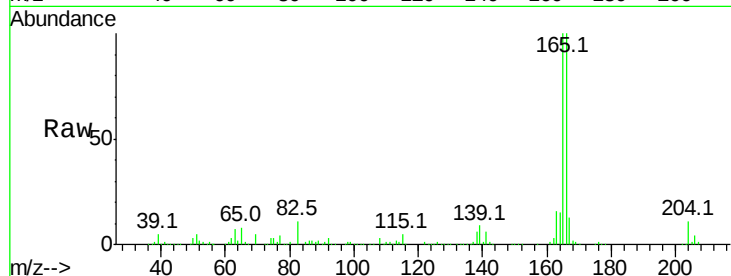




#57
 Fluorene
 Concen: 46.381 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

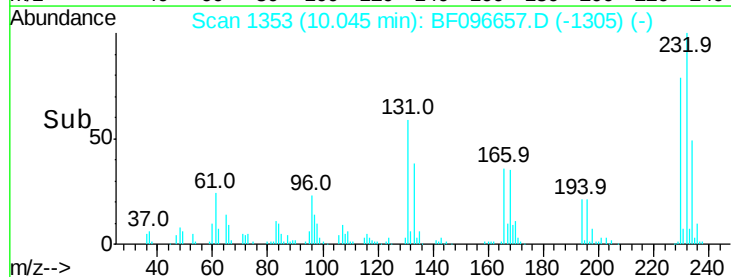
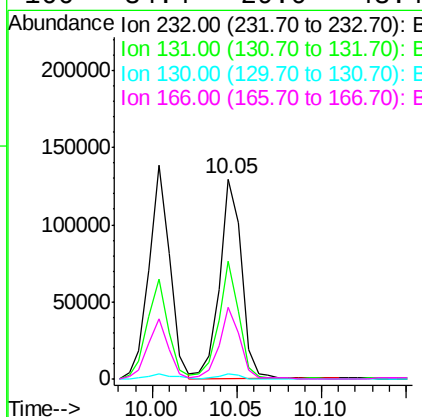
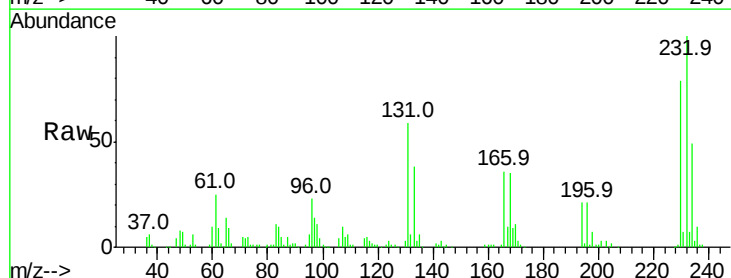
Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

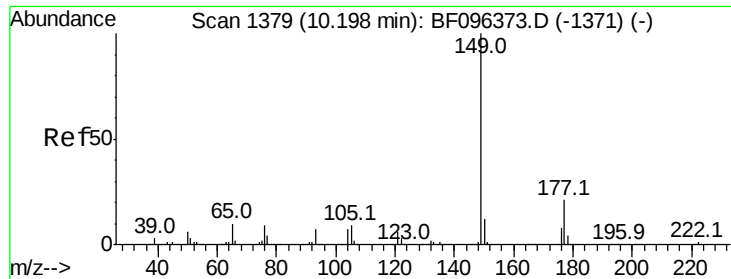
Tot Ion:166 Resp: 481534
 Ion Ratio Lower Upper
 166 100
 165 99.5 78.8 118.2
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.929 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion:232 Resp: 117722
 Ion Ratio Lower Upper
 232 100
 131 55.7 44.8 67.2
 130 2.3 2.3 3.5#
 166 34.4 29.0 43.4

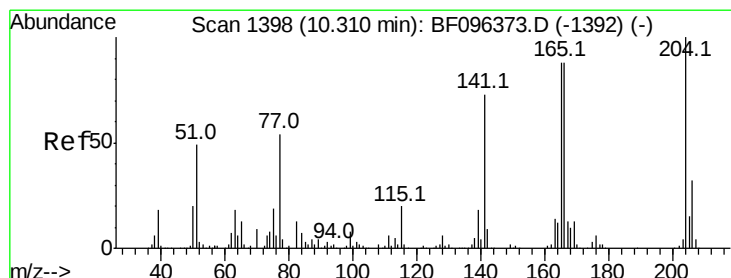
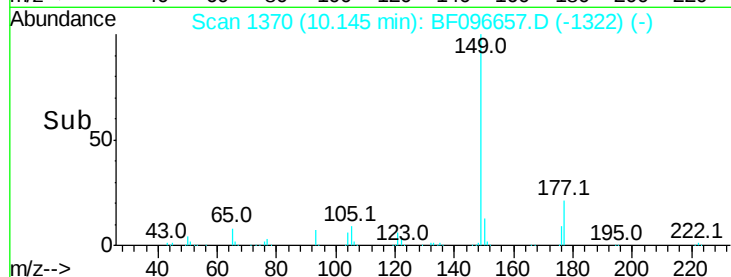
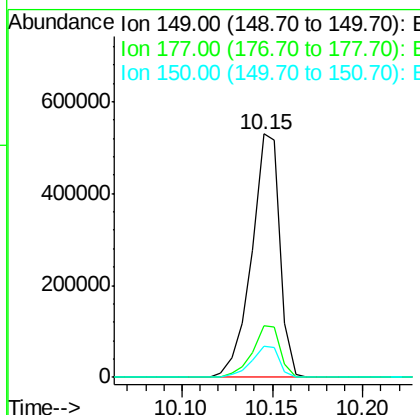
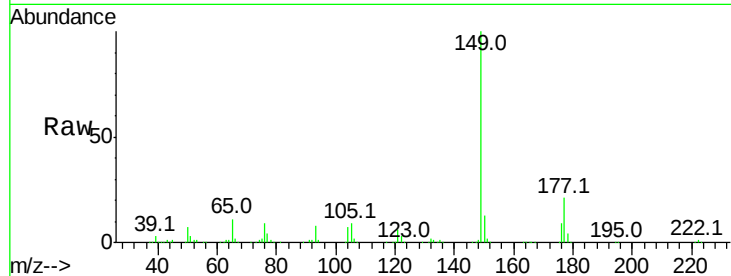




#59
Diethylphthalate
Concen: 45.318 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

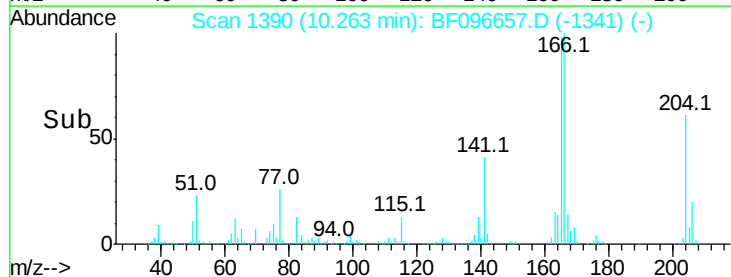
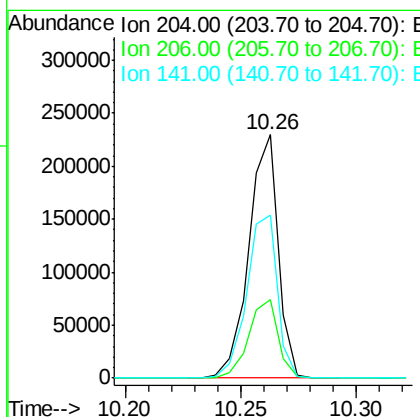
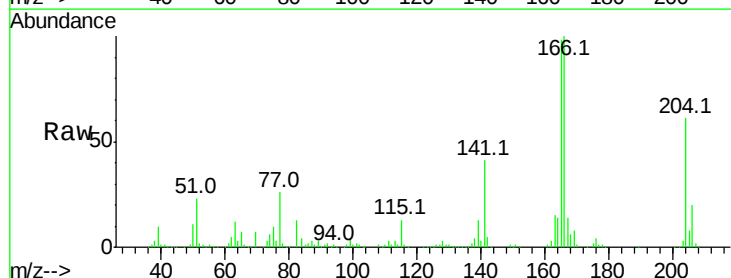
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

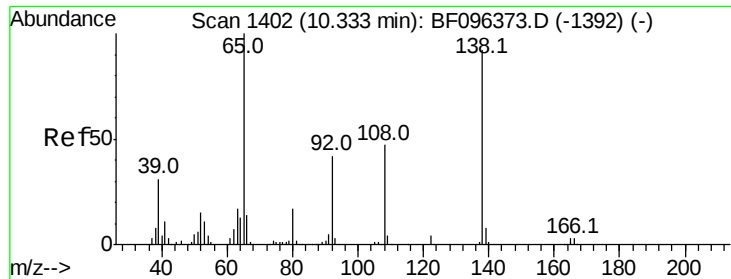
Tot Ion:149 Resp: 570858
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.262 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion:204 Resp: 204453
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 67.0 60.8 91.2

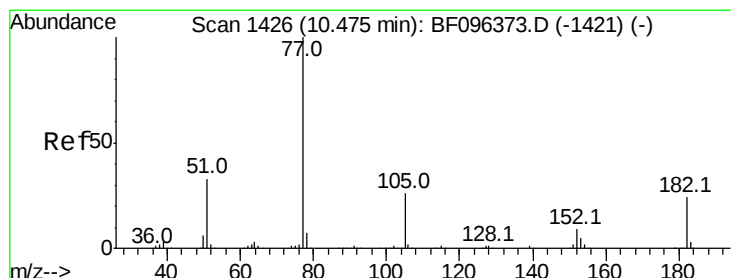
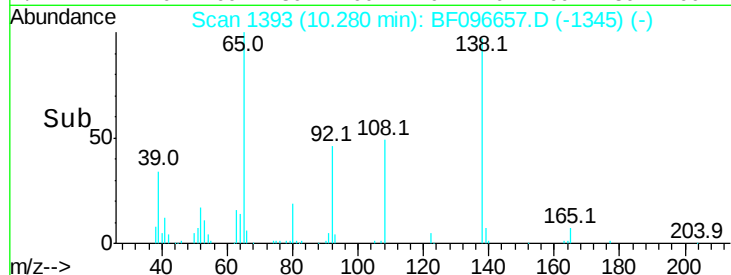
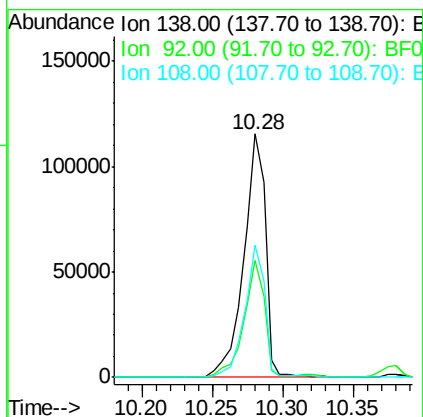
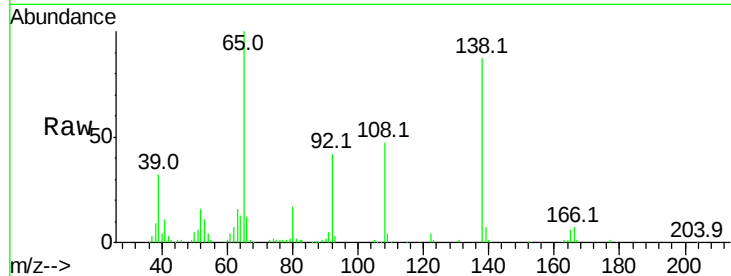




#61
4-Nitroaniline
Concen: 37.016 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

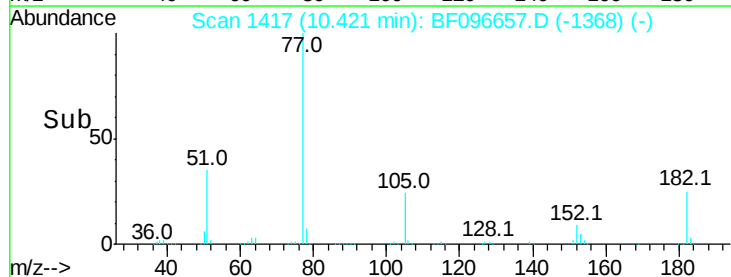
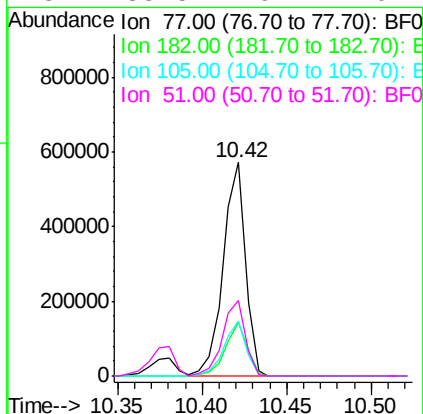
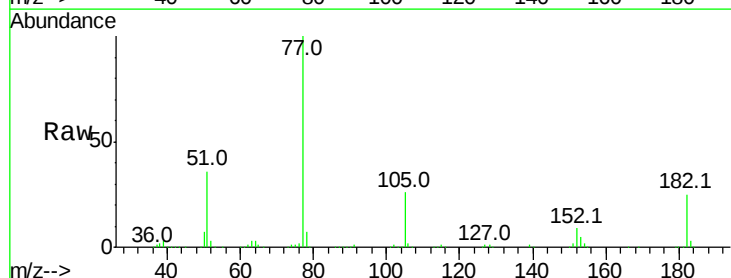
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

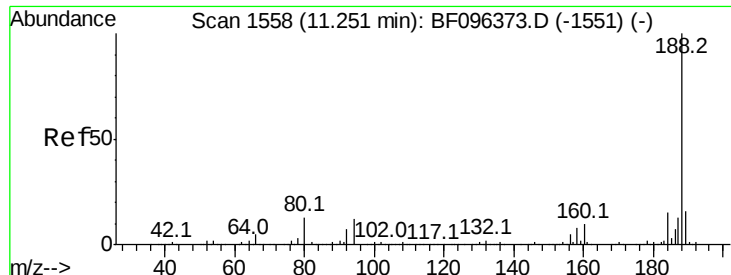
Tot Ion:138 Resp: 123720
Ion Ratio Lower Upper
138 100
92 47.9 21.8 61.8
108 54.1 42.3 82.3



#62
Azobenzene
Concen: 42.984 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion: 77 Resp: 523572
Ion Ratio Lower Upper
77 100
182 24.9 0.1 40.1
105 25.6 3.6 43.6
51 35.5 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: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMS

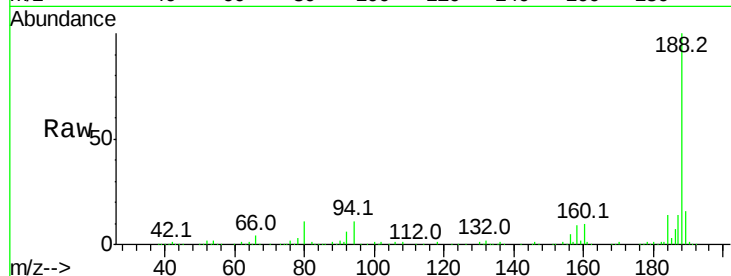
Tot Ion:188 Resp: 259050

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

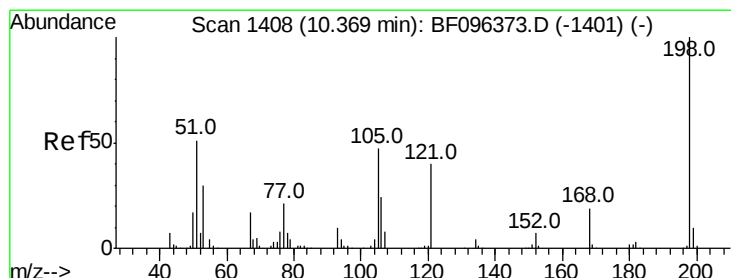
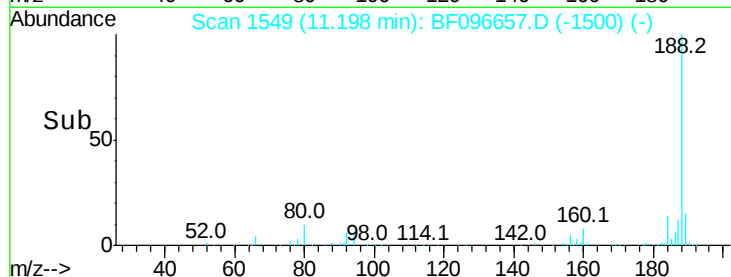
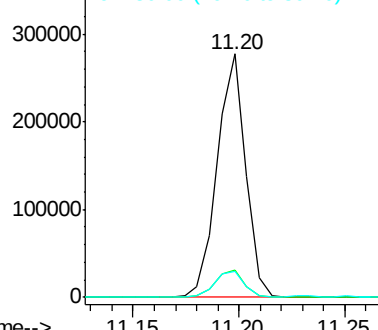
80 10.6 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 26.568 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

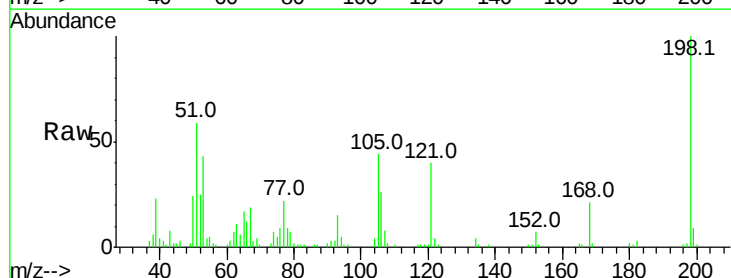
Tgt Ion:198 Resp: 47465

Ion Ratio Lower Upper

198 100

51 59.5 53.2 93.2

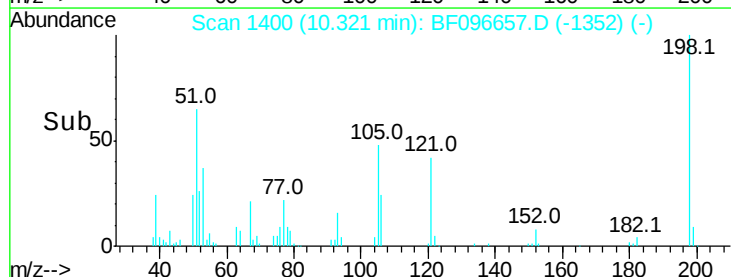
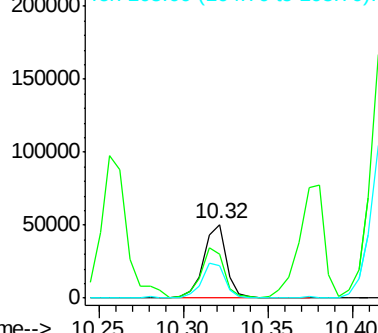
105 43.9 45.8 85.8#

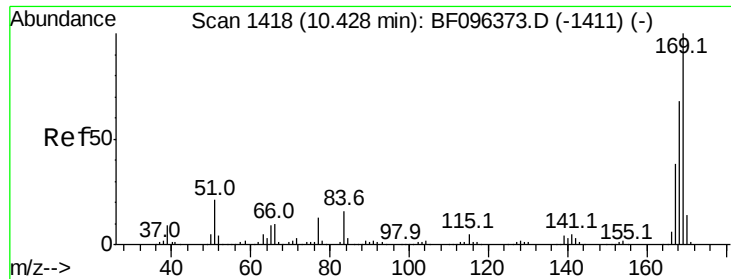


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

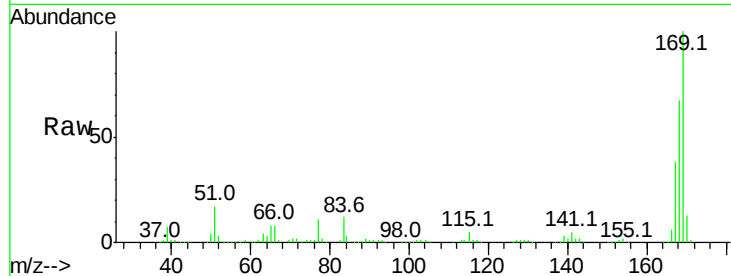




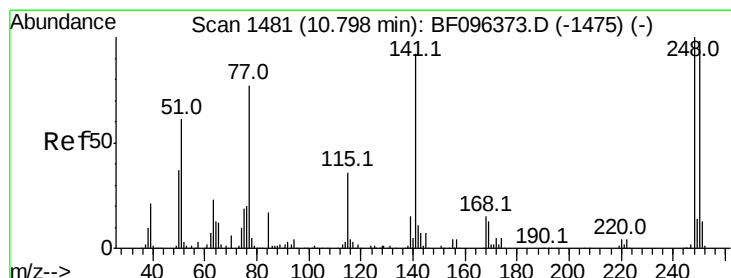
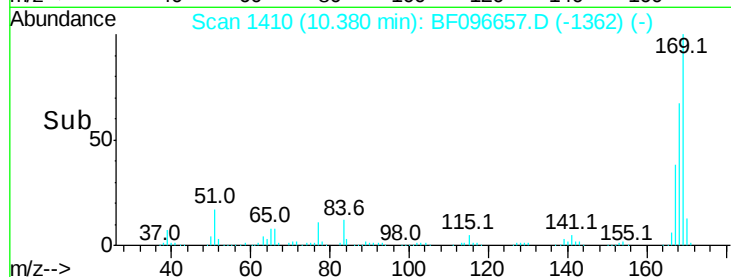
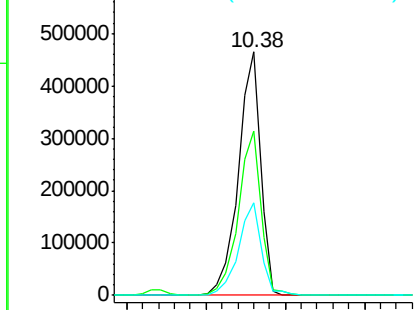
#65
 n-Nitrosodiphenylamine
 Concen: 49.521 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tot Ion:169 Resp: 450108
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.2 79.8
 167 38.2 29.5 44.3

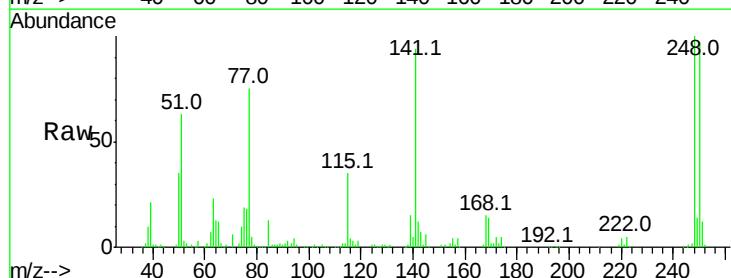


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

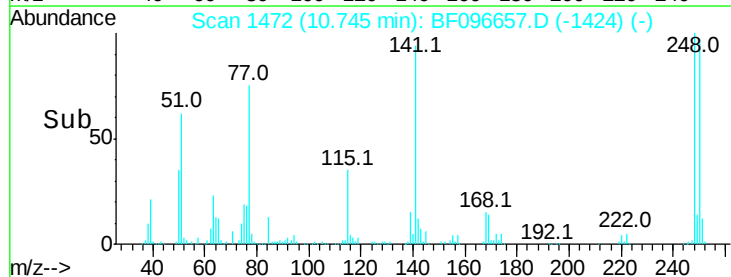
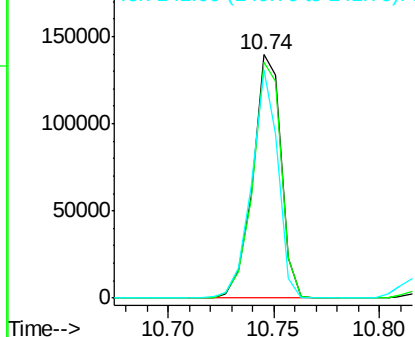


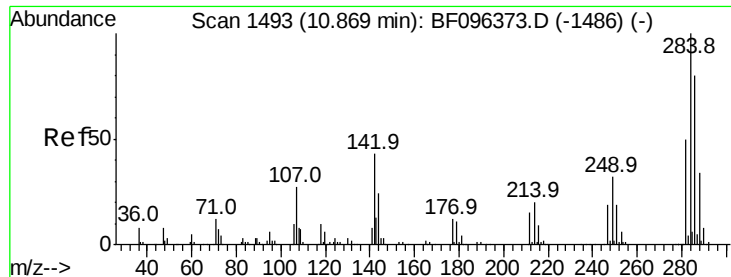
#66
 4-Bromophenyl-phenylether
 Concen: 51.662 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion:248 Resp: 130277
 Ion Ratio Lower Upper
 248 100
 250 96.7 76.8 115.2
 141 93.9 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

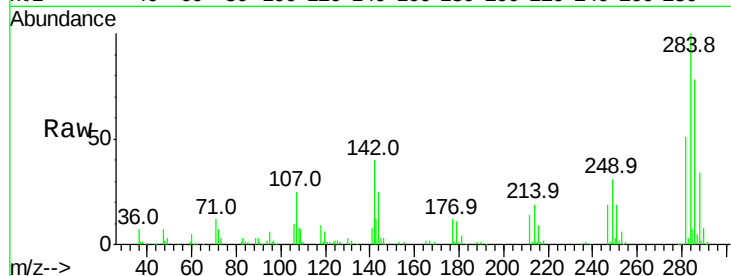




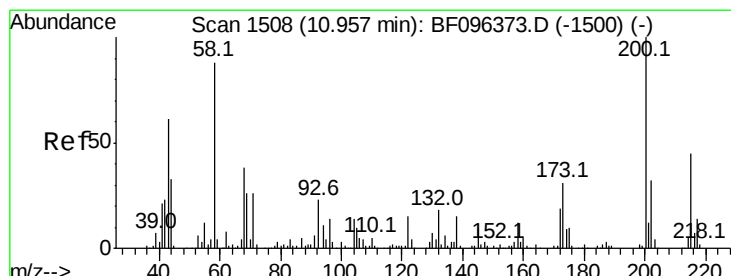
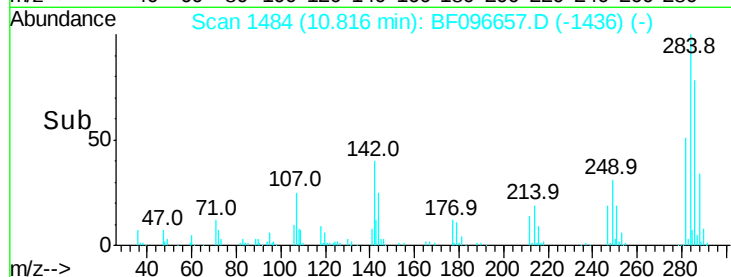
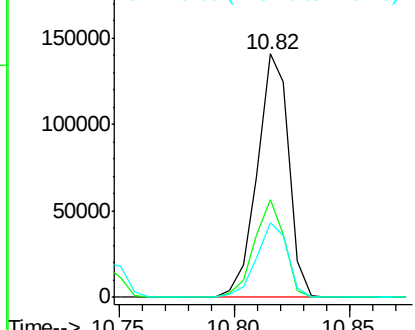
#67
Hexachlorobenzene
Concen: 48.556 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tot Ion:284 Resp: 134038
Ion Ratio Lower Upper
284 100
142 40.0 22.8 34.2#
249 30.7 24.0 36.0

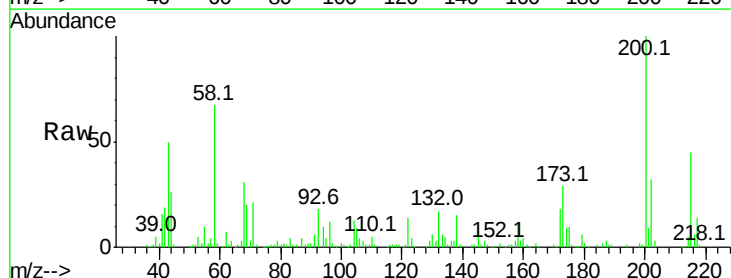


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

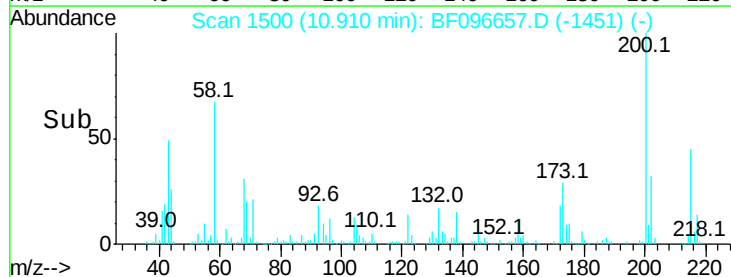
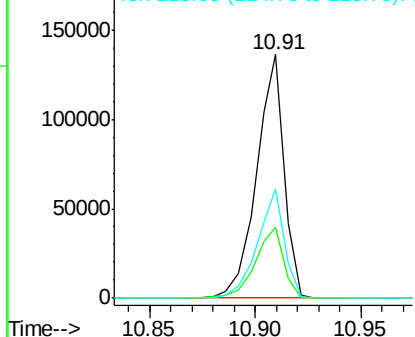


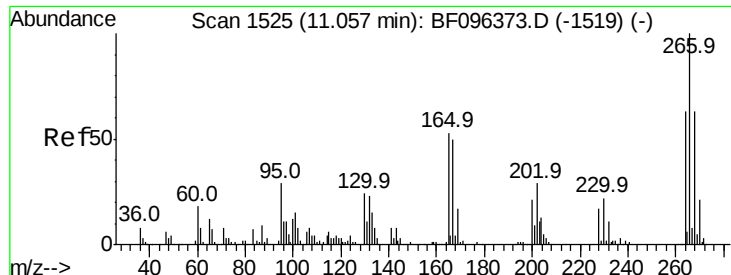
#68
Atrazine
Concen: 47.337 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion:200 Resp: 122920
Ion Ratio Lower Upper
200 100
173 28.9 6.3 46.3
215 44.7 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

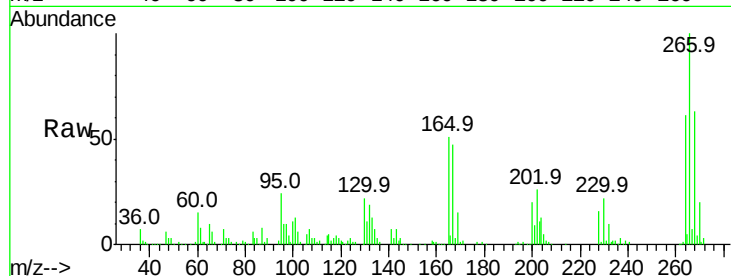




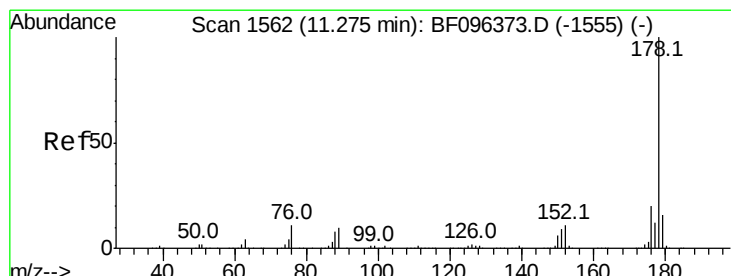
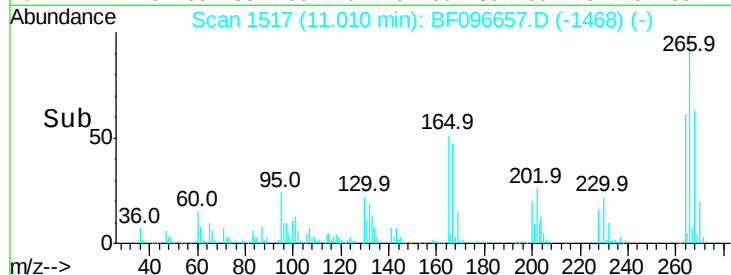
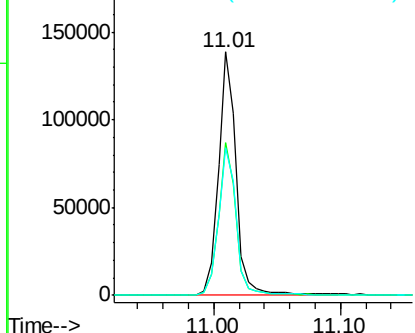
#69
 Pentachlorophenol
 Concen: 82.904 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tot Ion:266 Resp: 135638
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 60.8 51.7 77.5

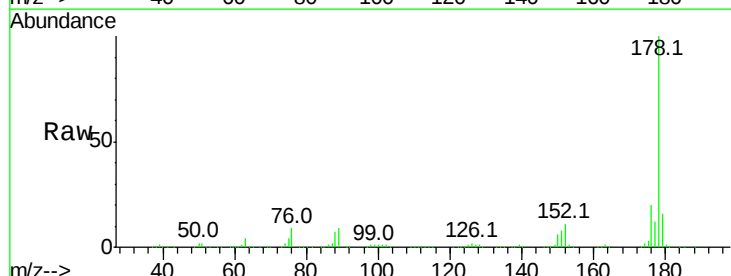


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

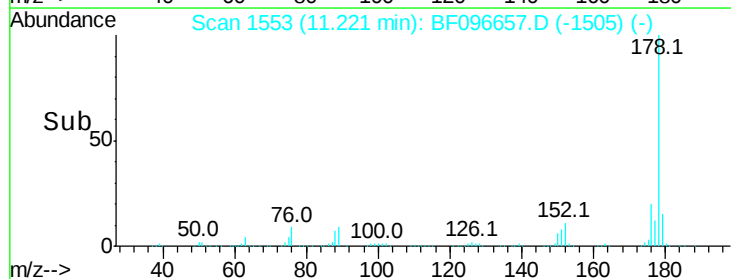
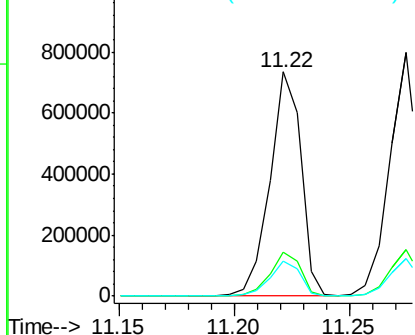


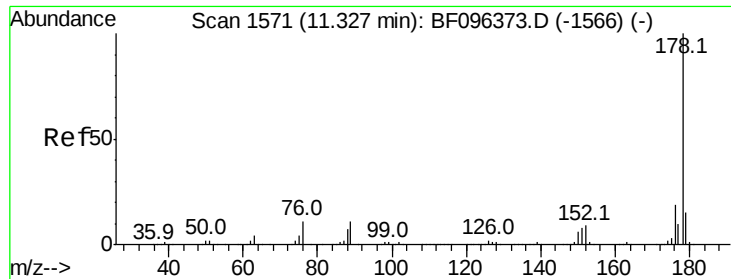
#70
 Phenanthrene
 Concen: 48.925 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion:178 Resp: 685123
 Ion Ratio Lower Upper
 178 100
 176 19.8 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: 48.638 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMS

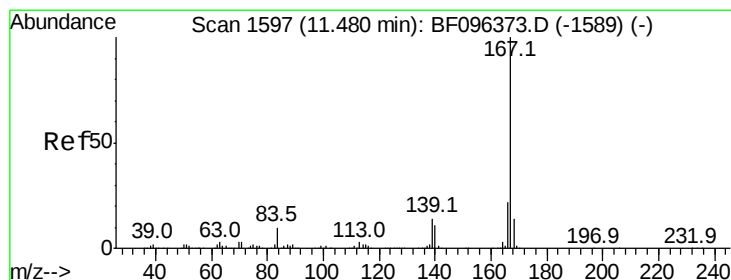
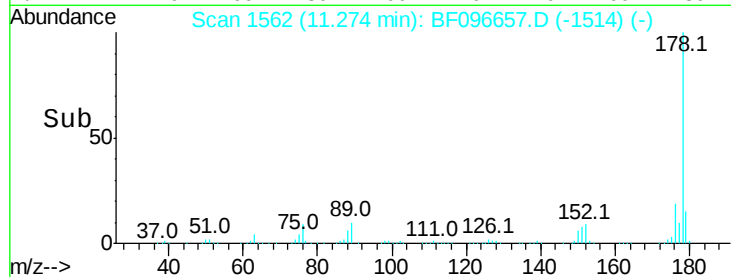
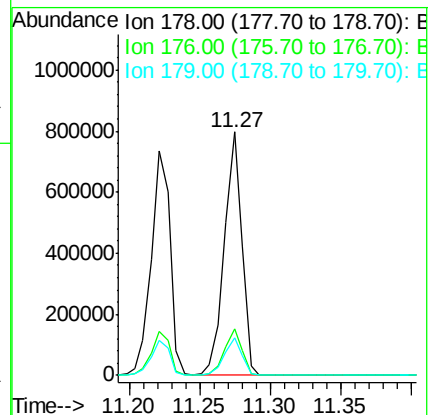
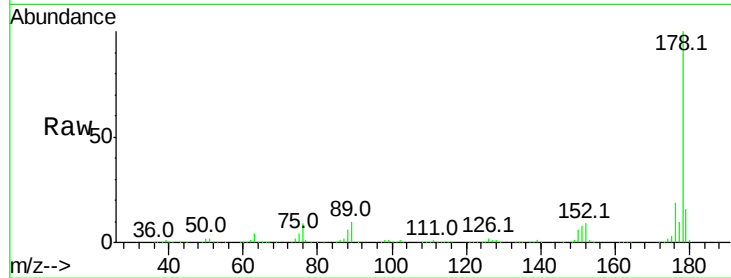
Tot Ion:178 Resp: 694071

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

179 15.6 12.7 19.1



#72

Carbazole

Concen: 45.603 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

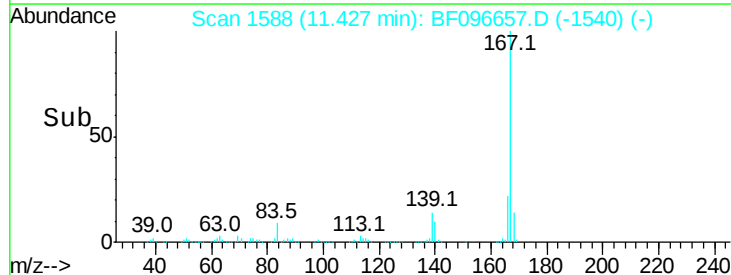
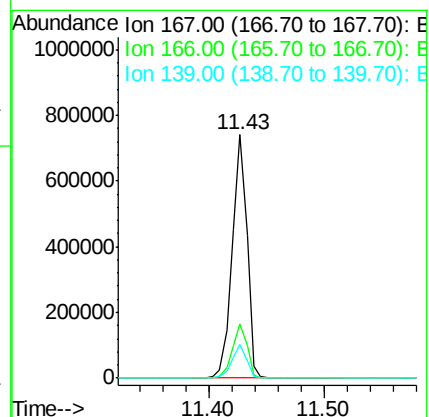
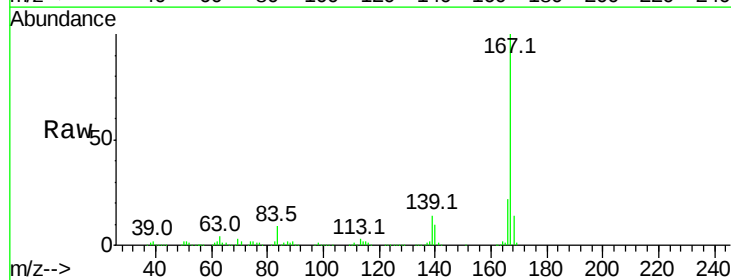
Tgt Ion:167 Resp: 654456

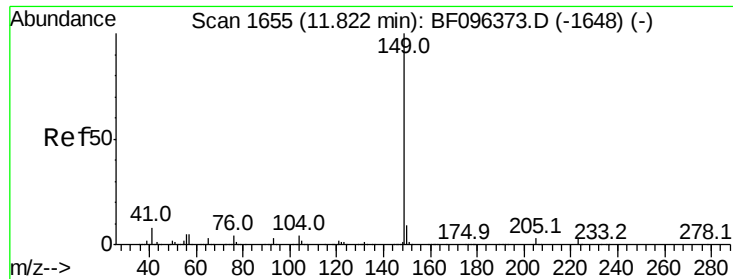
Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

139 13.7 11.7 17.5

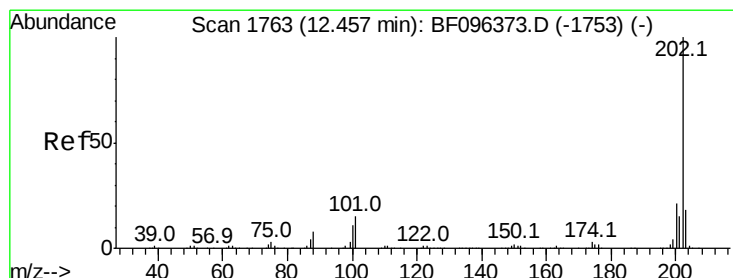
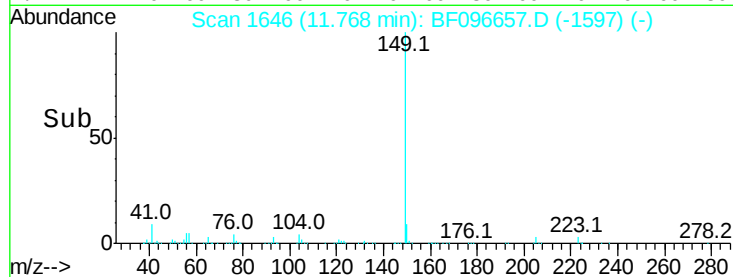
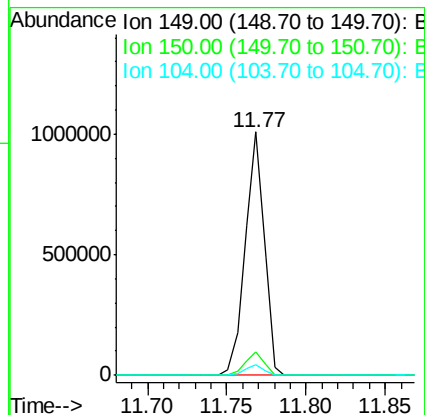
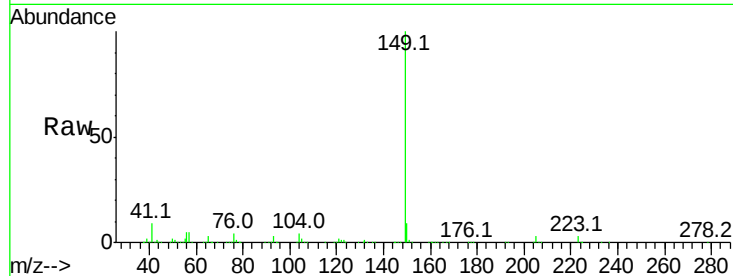




#73
Di-n-butylphthalate
Concen: 48.010 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

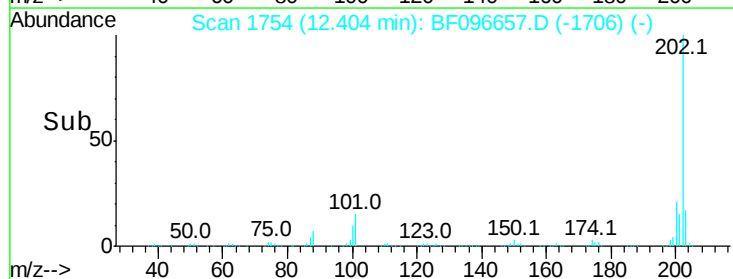
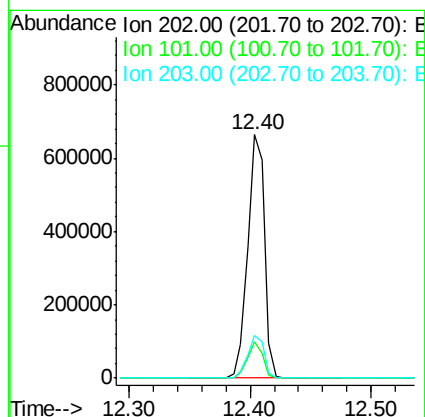
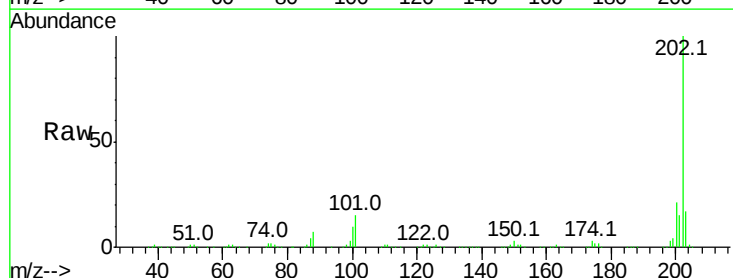
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

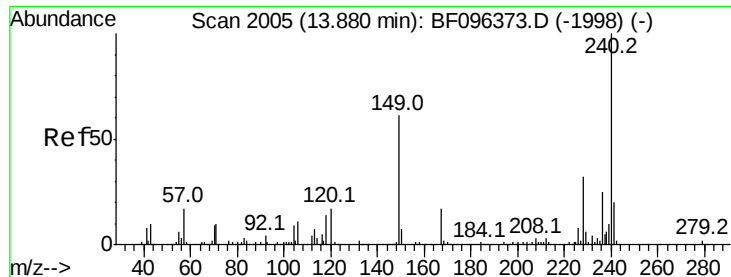
Tot Ion:149 Resp: 834539
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 47.166 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion:202 Resp: 647571
Ion Ratio Lower Upper
202 100
101 14.8 0.0 33.2
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMS

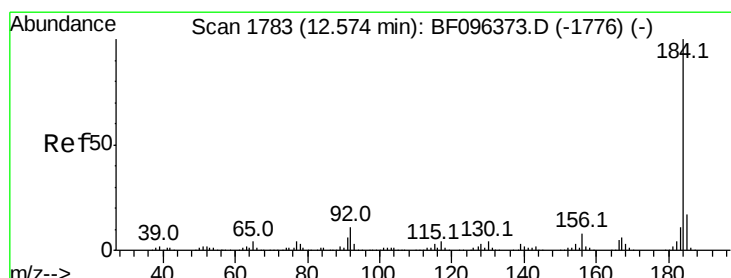
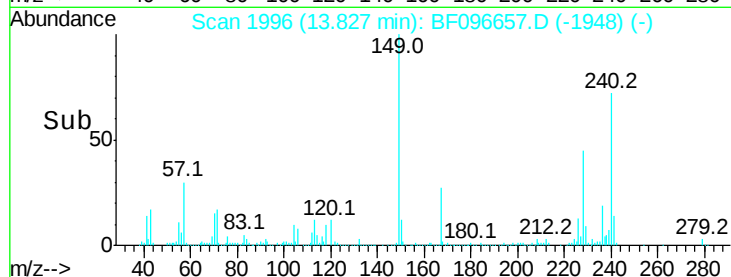
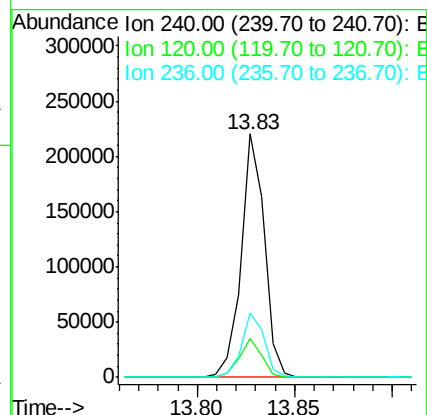
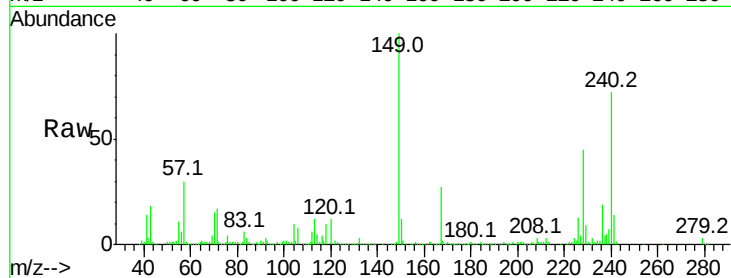
Tot Ion:240 Resp: 182377

Ion Ratio Lower Upper

240 100

120 16.0 5.8 8.8#

236 26.3 20.5 30.7



#76

Benzidine

Concen: 4.775 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

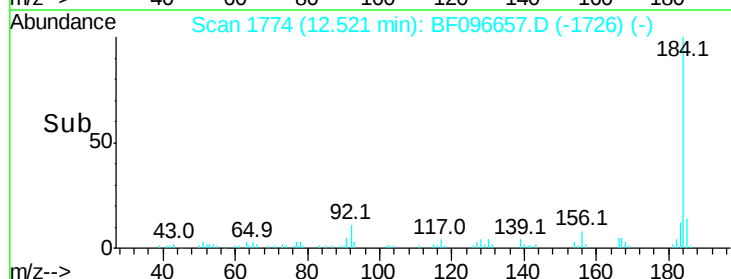
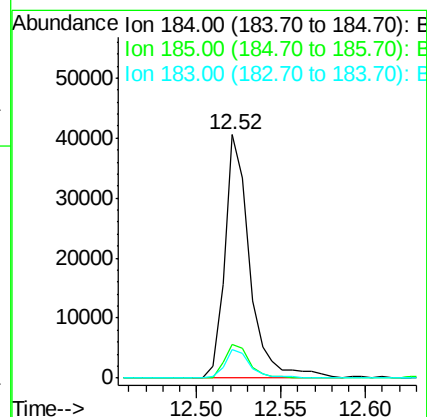
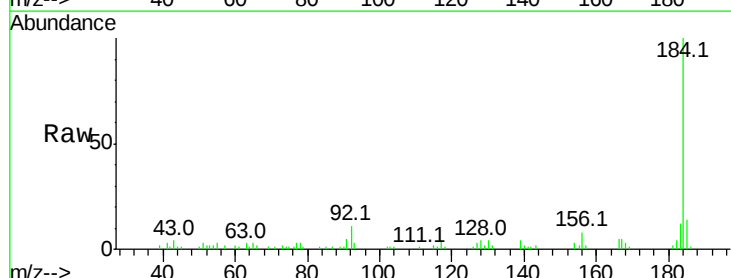
Tgt Ion:184 Resp: 41788

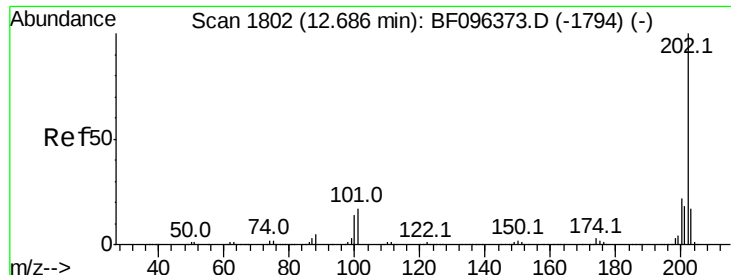
Ion Ratio Lower Upper

184 100

185 13.9 15.5 23.3#

183 11.8 9.8 14.6





#77

Pvrene

Concen: 44.376 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMS

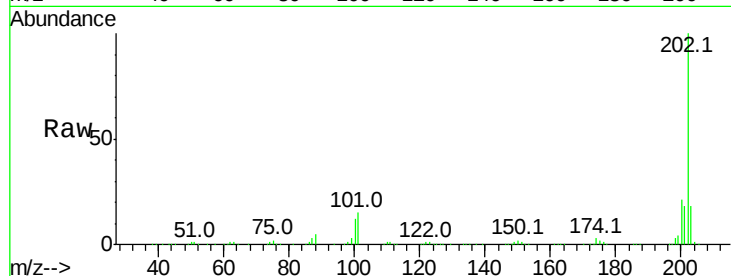
Tot Ion:202 Resp: 649613

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

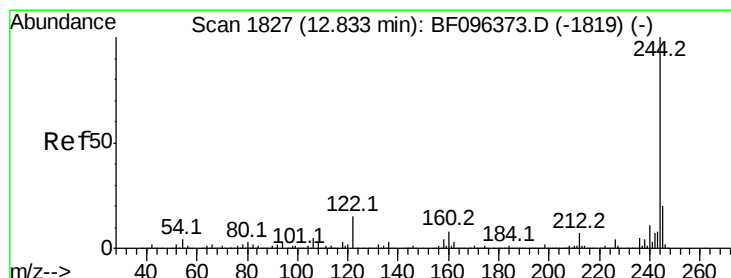
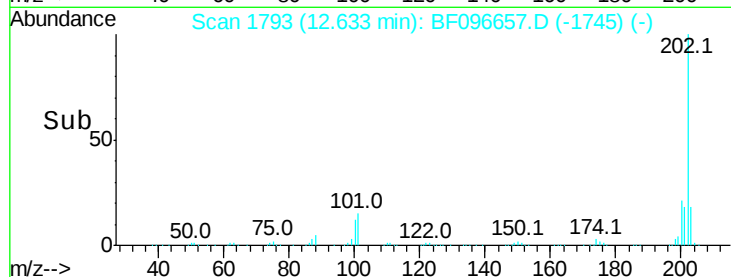
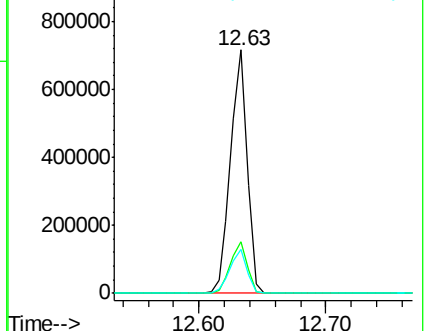
203 17.8 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.171 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

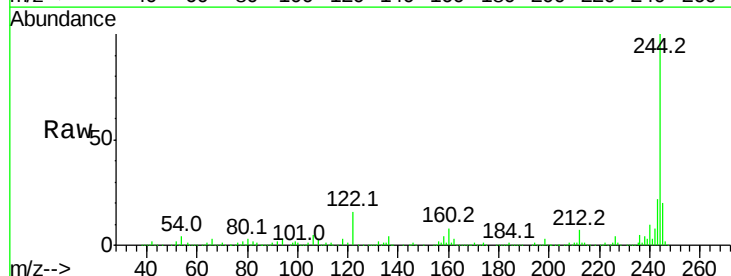
Tgt Ion:244 Resp: 709859

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

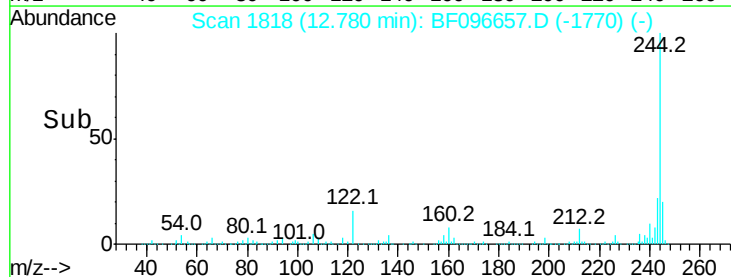
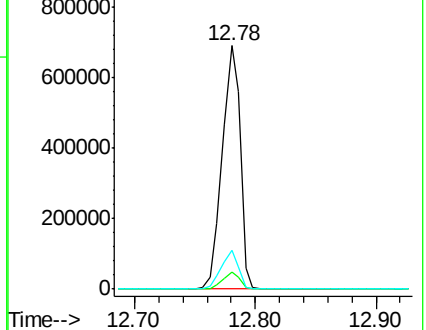
122 15.9 10.3 15.5#

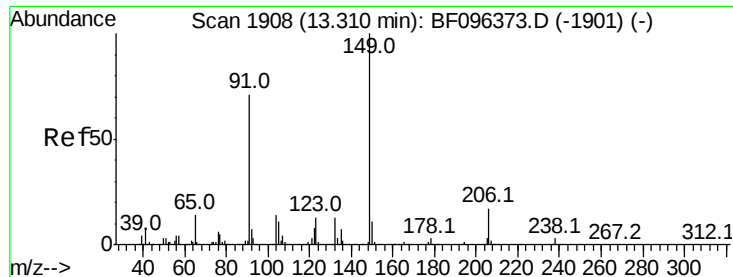


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

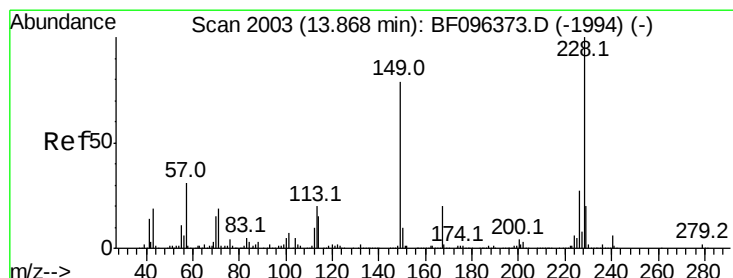
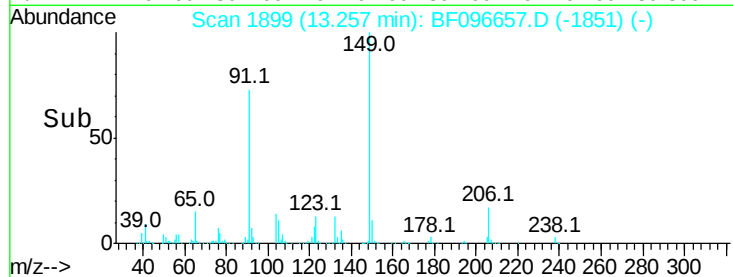
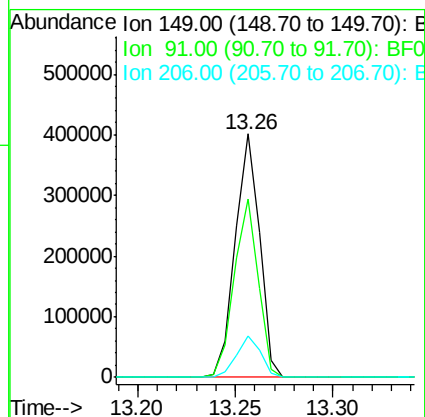
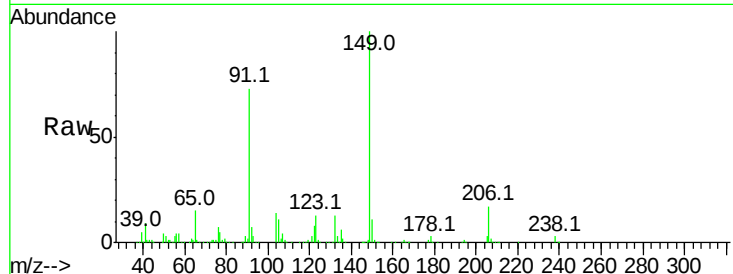




#79
Butylbenzylphthalate
Concen: 47.008 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

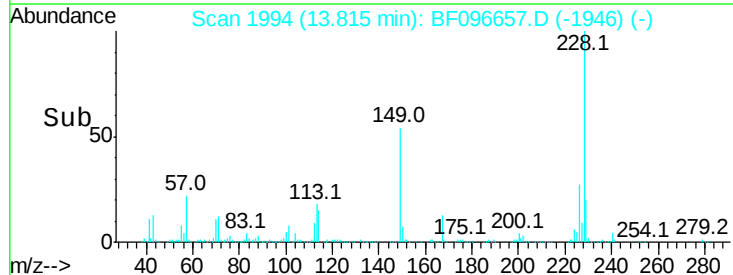
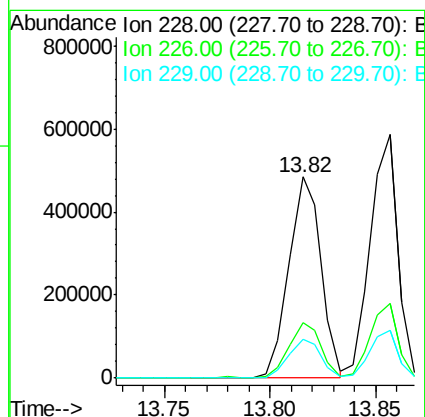
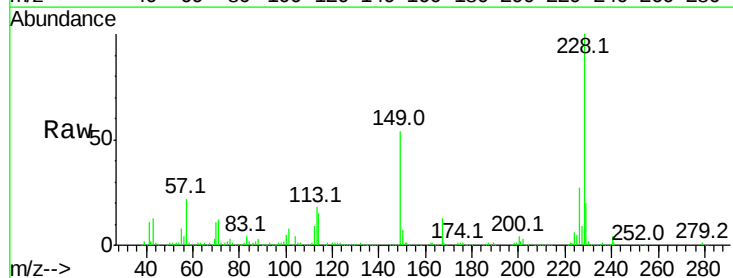
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

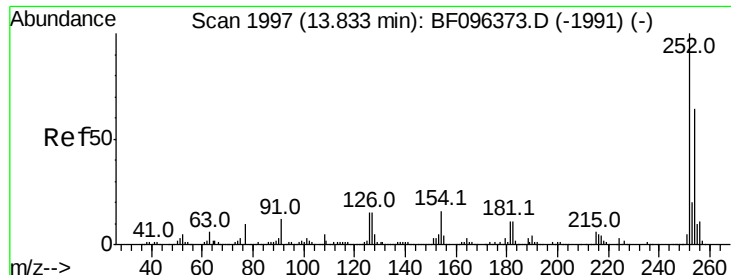
Tot Ion:149 Resp: 348351
Ion Ratio Lower Upper
149 100
91 73.2 45.0 67.4#
206 16.8 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 48.644 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion:228 Resp: 513734
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.6 16.3 24.5

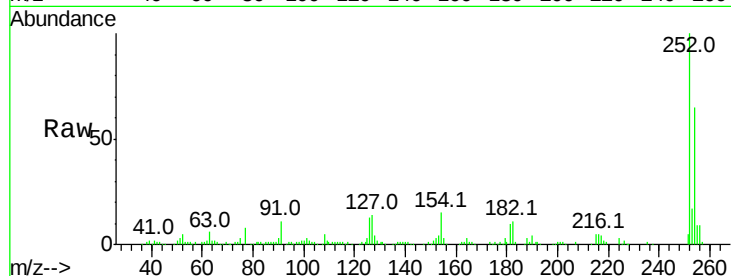




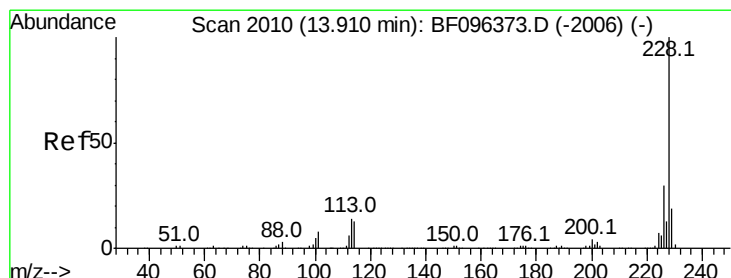
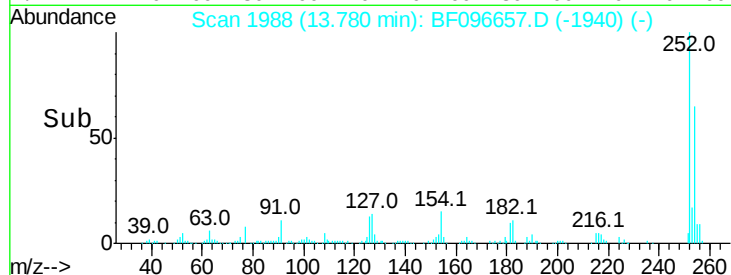
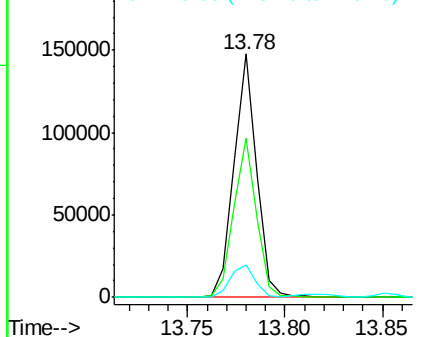
#81
 3,3'-Dichlorobenzidine
 Concen: 27.429 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tot Ion:252 Resp: 118979
 Ion Ratio Lower Upper
 252 100
 254 65.2 51.5 77.3
 126 13.5 15.8 23.8#

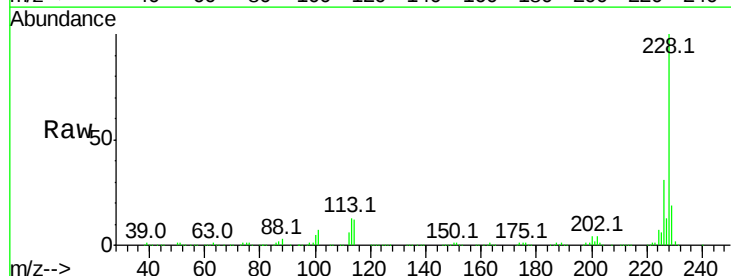


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

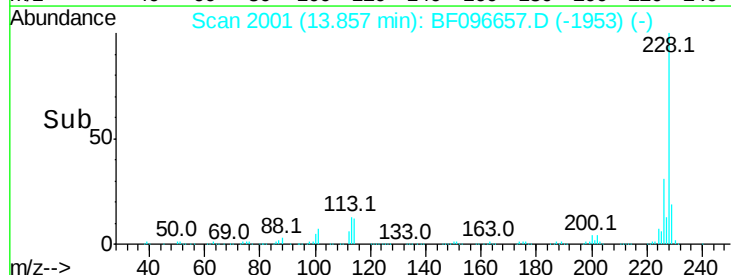
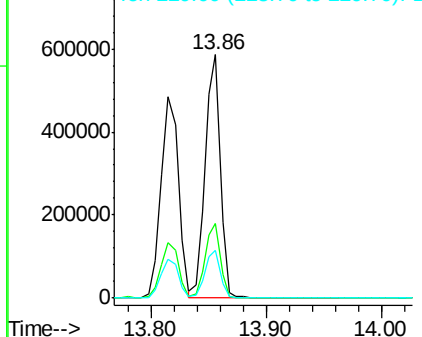


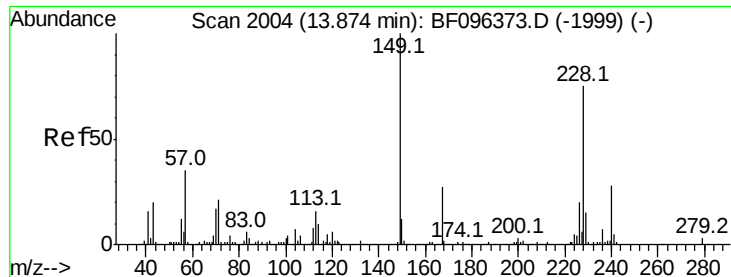
#82
 Chrysene
 Concen: 48.823 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion:228 Resp: 539967
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 19.4 15.8 23.6



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

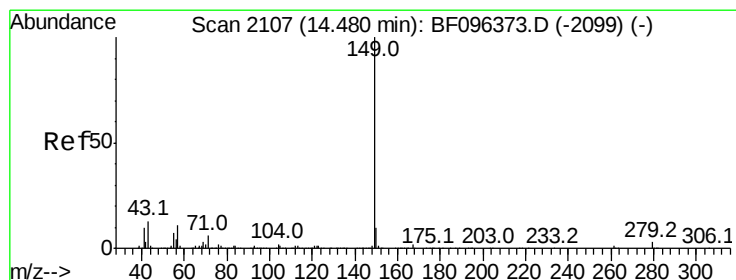
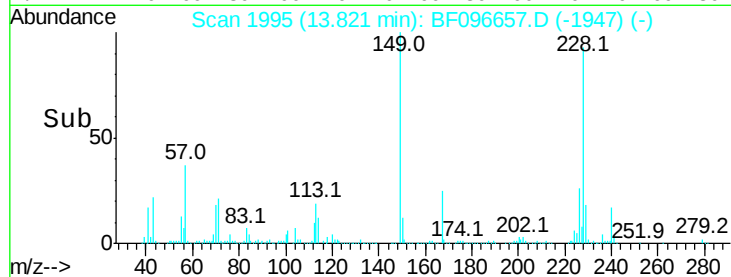
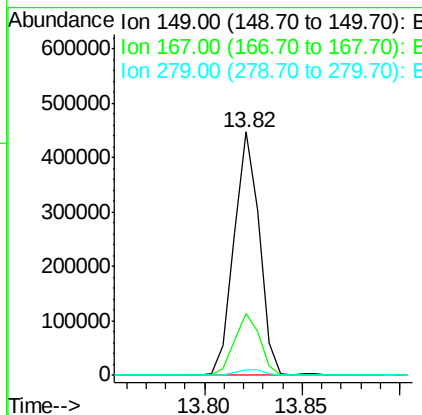
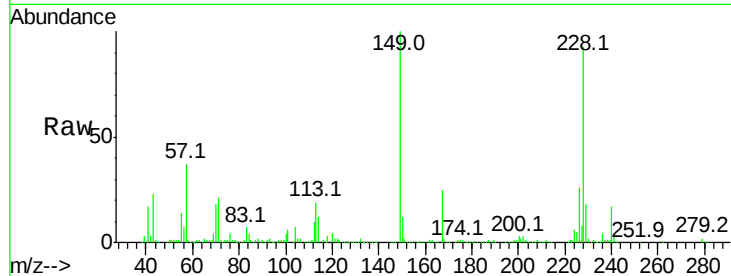




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.762 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

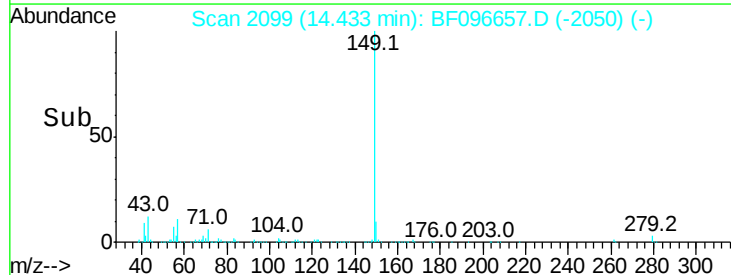
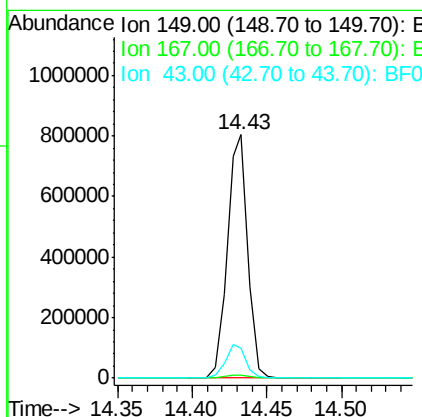
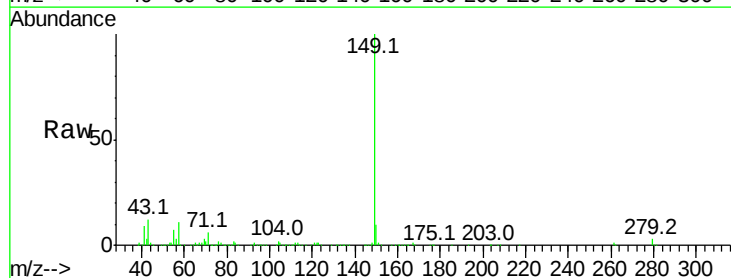
Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

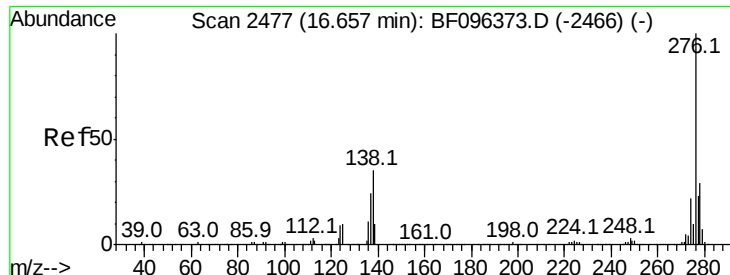
Tot Ion:149 Resp: 403348
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.0 31.4
 279 2.4 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 47.604 ng
 RT: 14.43 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion:149 Resp: 775436
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 13.4 8.5 12.7#

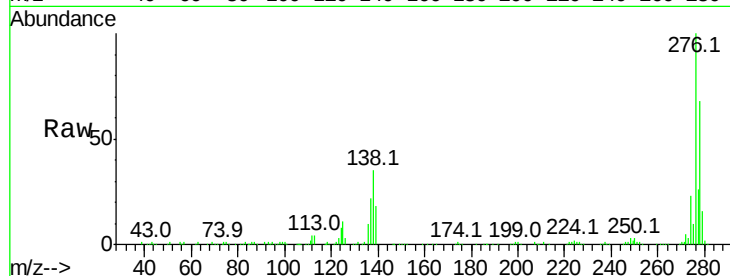




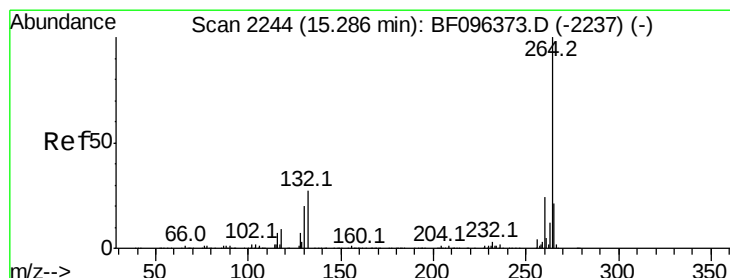
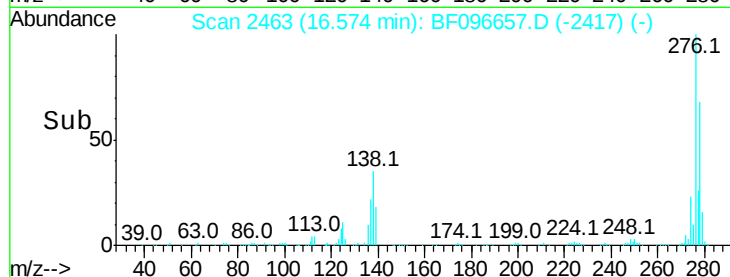
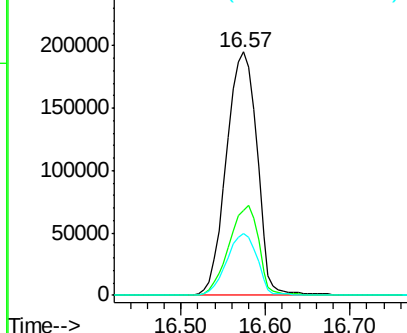
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.135 ng
 RT: 16.57 min Scan# 2463
 Delta R.T. -0.03 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tot Ion:276 Resp: 490054
 Ion Ratio Lower Upper
 276 100
 138 35.9 27.8 41.6
 277 25.2 20.2 30.4

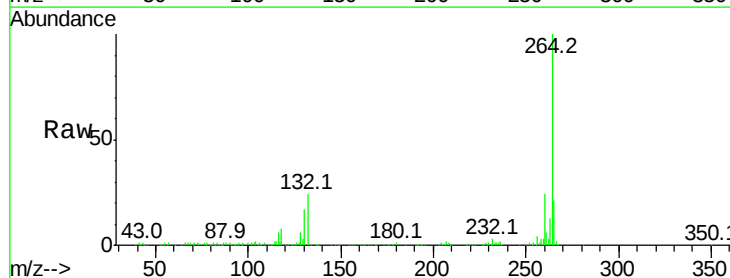


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

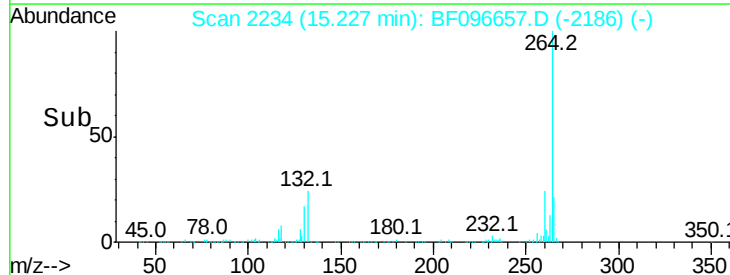
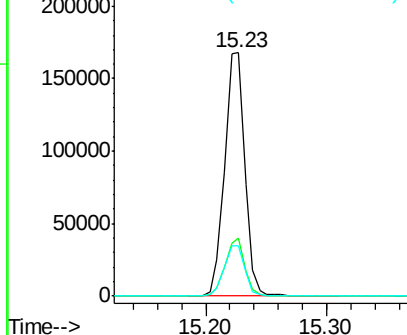


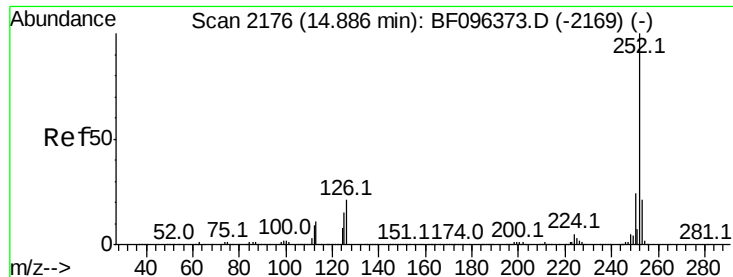
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion:264 Resp: 195312
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 20.6 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

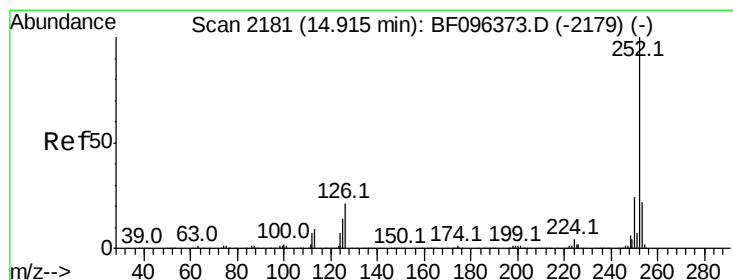
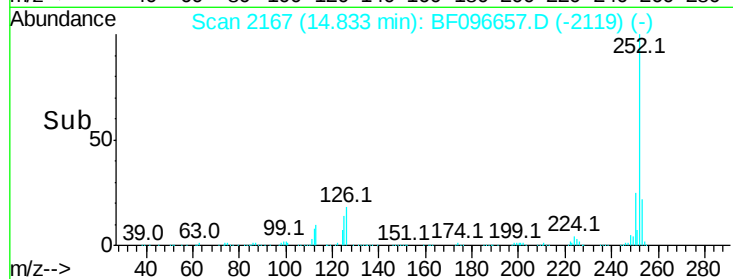
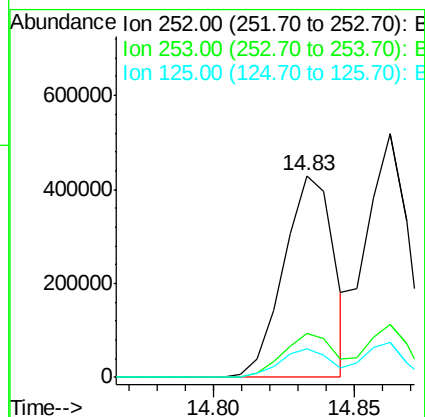
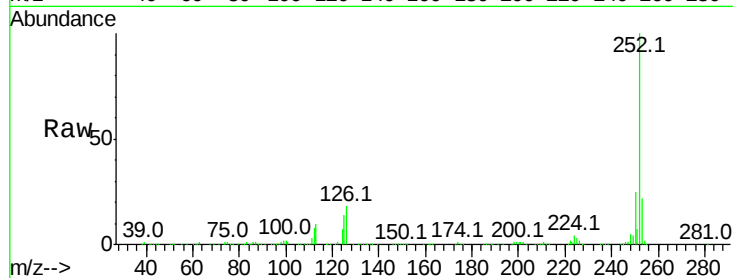




#87
Benzo(b)fluoranthene
Concen: 43.351 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

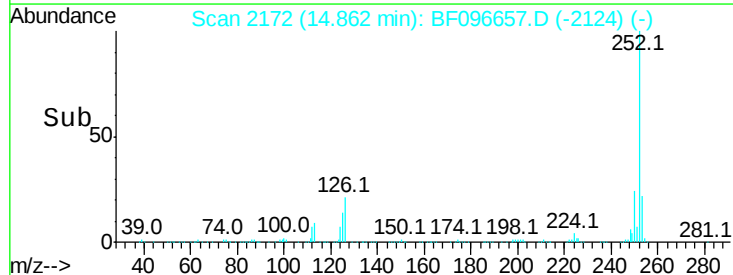
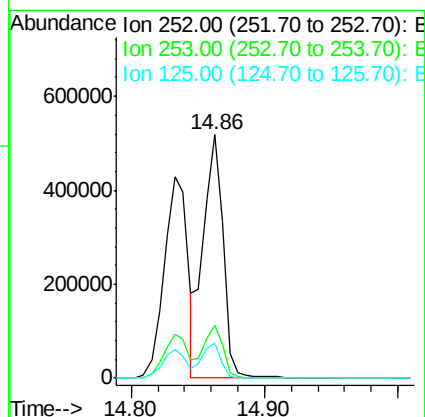
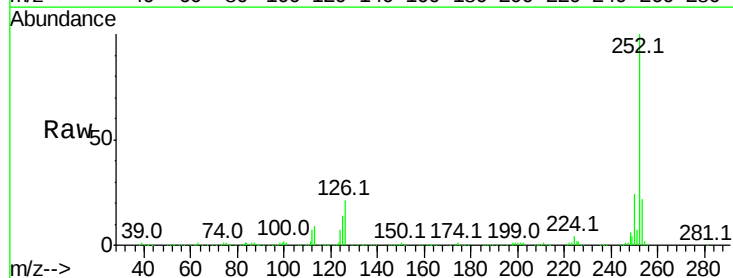
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

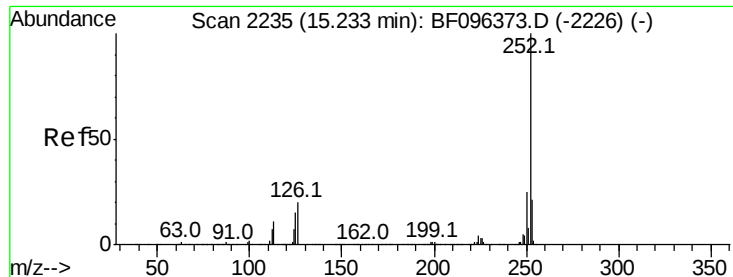
Tot Ion:252 Resp: 530542
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 13.9 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 48.519 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion:252 Resp: 531150
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 14.1 13.1 19.7

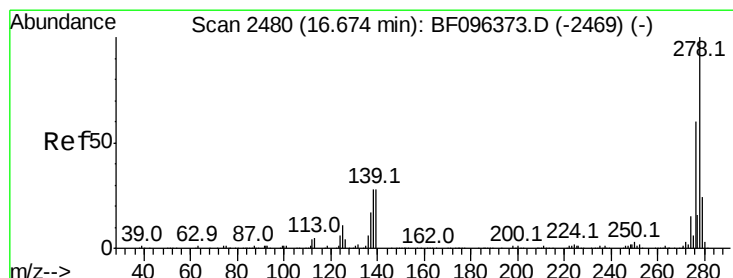
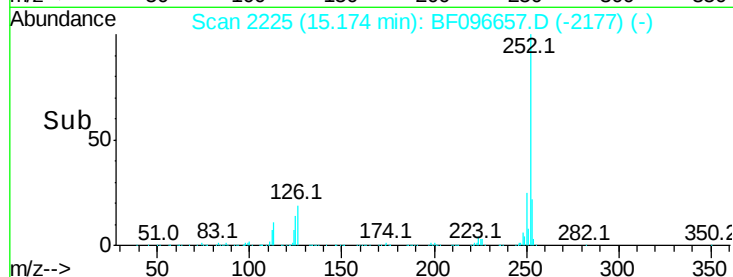
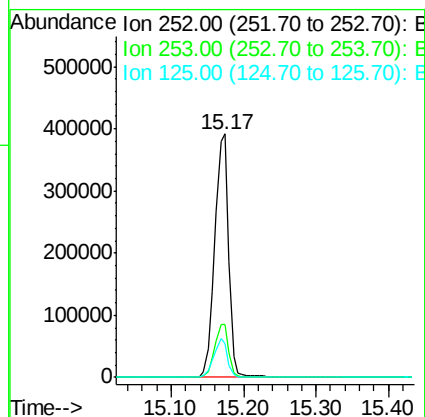
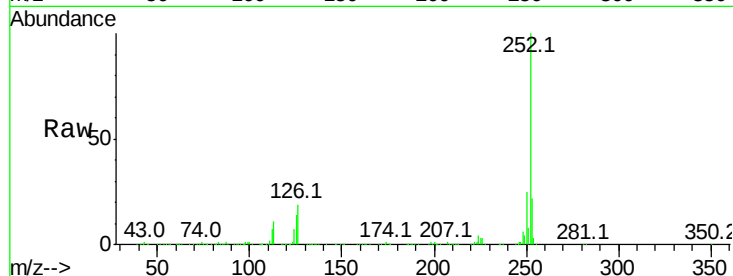




#89
Benzo(a)pyrene
Concen: 48.202 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

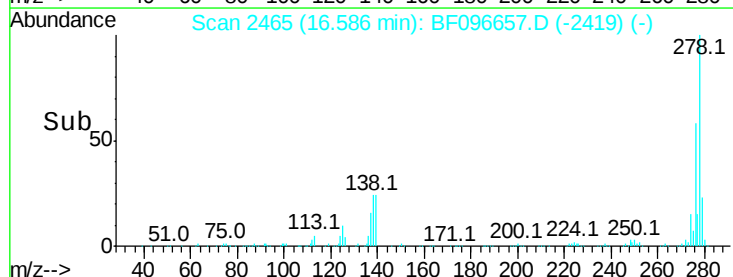
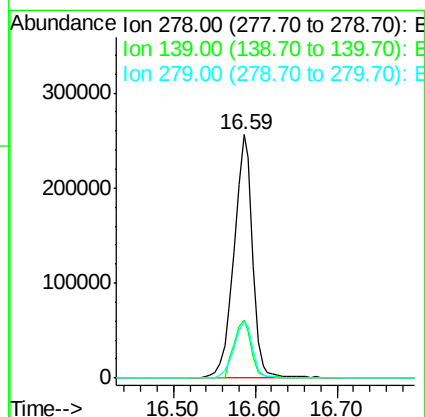
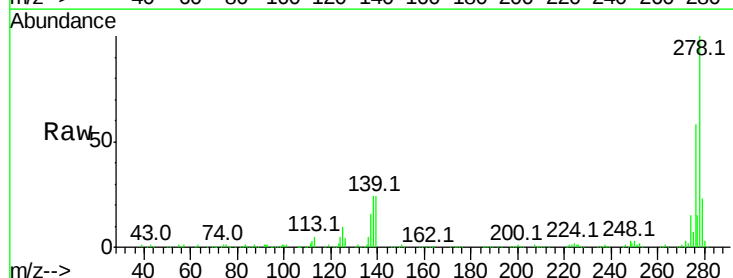
Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

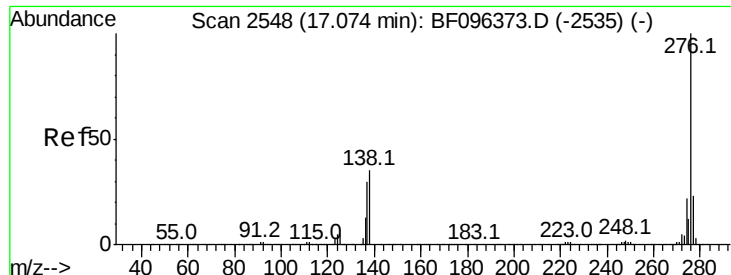
Tot Ion:252 Resp: 526662
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 13.8 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 47.476 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.03 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion:278 Resp: 408087
Ion Ratio Lower Upper
278 100
139 23.8 16.6 24.8
279 23.2 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 46.438 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.03 min

Lab File: BF096657.D

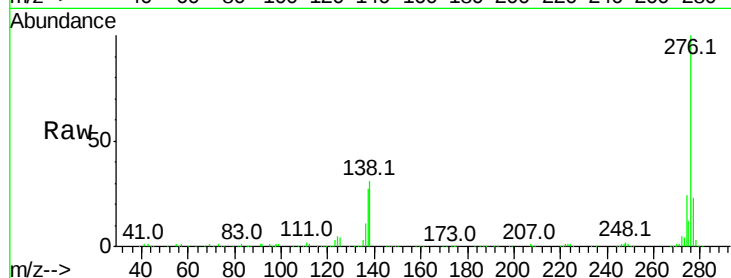
Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMS



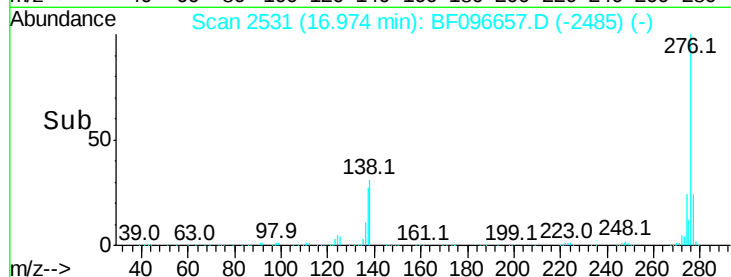
Tot Ion:276 Resp: 413626

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 31.2 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

