

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
 Data File : BF096213.D
 Acq On : 27 Jun 2017 12:44
 Operator : SJ/MA
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 27 16:46:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 27 15:17:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	215494	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	908996	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	391396	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	630781	20.00	ng	0.00
75) Chrysene-d12	13.93	240	402236	20.00	ng	0.01
86) Perylene-d12	15.34	264	401327	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1682320	112.47	ng	0.01
7) Phenol-d6	6.42	99	2005258	110.71	ng	0.02
23) Nitrobenzene-d5	7.35	82	1636335	124.62	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	355755	115.50	ng	0.01
44) 2-Fluorobiphenyl	9.15	172	2373630	111.06	ng	0.00
78) Terphenyl-d14	12.88	244	1788215	110.93	ng	0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.49	88	417165	58.47	ng	# 77
3) Pyridine	3.21	79	1205741	61.62	ng	# 69
4) n-Nitrosodimethylamine	3.17	42	608349	62.85	ng	90
6) Aniline	6.45	93	1401470	56.12	ng	97
8) 2-Chlorophenol	6.57	128	817446	55.70	ng	91
9) Benzaldehyde	6.33	77	573488	59.61	ng	97
10) Phenol	6.43	94	1113795	55.94	ng	89
11) bis(2-Chloroethyl)ether	6.52	93	918817	56.40	ng	90
12) 1,3-Dichlorobenzene	6.73	146	900556	55.67	ng	99
13) 1,4-Dichlorobenzene	6.80	146	889151	54.76	ng	96
14) 1,2-Dichlorobenzene	6.96	146	801932	54.21	ng	98
15) Benzyl Alcohol	6.93	79	697795	57.10	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1958070	56.89	ng	91
17) 2-Methylphenol	7.04	107	731790	57.49	ng	98
18) Hexachloroethane	7.30	117	340553	58.15	ng	# 77
19) n-Nitroso-di-n-propylamine	7.21	70	628030	57.88	ng	# 84
20) 3+4-Methylphenols	7.19	107	769488	53.01	ng	99
22) Acetophenone	7.20	105	1051294	55.65	ng	# 90
24) Nitrobenzene	7.37	77	908242	62.46	ng	94
25) Isophorone	7.61	82	1744869	58.51	ng	98
26) 2-Nitrophenol	7.68	139	422986	61.31	ng	# 86
27) 2,4-Dimethylphenol	7.72	122	769944	57.14	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	1129903	55.93	ng	100
29) 2,4-Dichlorophenol	7.92	162	673192	58.58	ng	96
30) 1,2,4-Trichlorobenzene	8.01	180	630793	55.31	ng	98
31) Naphthalene	8.09	128	2367142	54.03	ng	99
32) Benzoic acid	7.86	122	602185	60.38	ng	95
33) 4-Chloroaniline	8.13	127	1009682	55.67	ng	98
34) Hexachlorobutadiene	8.21	225	313788	55.46	ng	97
35) Caprolactam	8.52	113	249591	62.85	ng	# 57
36) 4-Chloro-3-methylphenol	8.62	107	728030	58.23	ng	87
37) 2-Methylnaphthalene	8.78	142	1529621	53.75	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	500873	52.87	ng	98
40) Hexachlorocyclopentadiene	8.94	237	253633	59.72	ng	99

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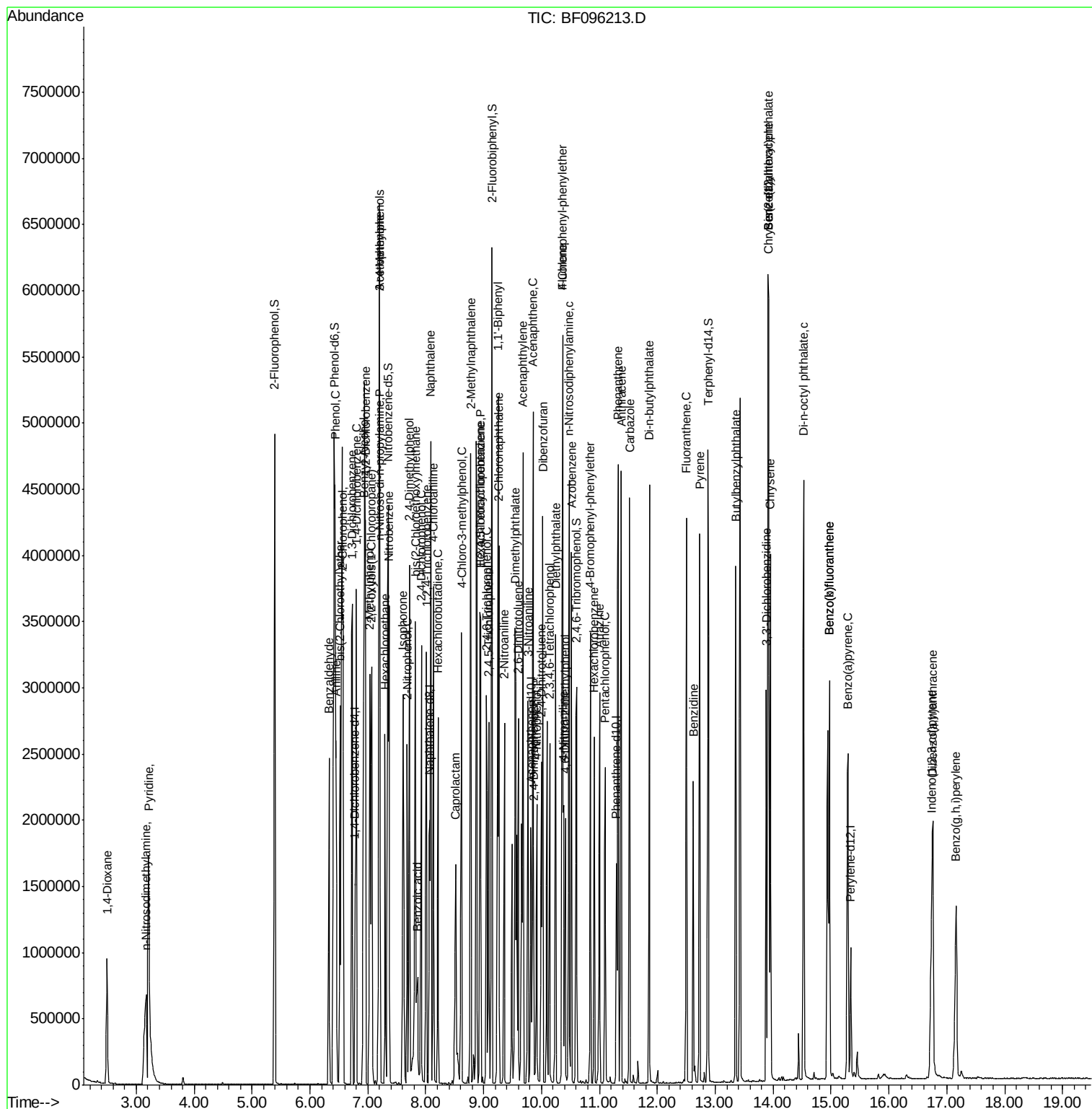
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	418210	58.56	nq	97
43) 2,4,5-Trichlorophenol	9.09	196	435504	57.85	nq	98
45) 1,1'-Biphenyl	9.25	154	1623000	54.05	nq	98
46) 2-Chloronaphthalene	9.26	162	1314742	52.78	nq	# 92
47) 2-Nitroaniline	9.36	65	506829	64.42	nq	95
48) Acenaphthylene	9.68	152	2197251	53.16	nq	99
49) Dimethylphthalate	9.55	163	1538136	54.91	nq	99
50) 2,6-Dinitrotoluene	9.60	165	361613	62.06	nq	# 72
51) Acenaphthene	9.85	154	1282874	52.74	nq	99
52) 3-Nitroaniline	9.77	138	446840	59.88	nq	99
53) 2,4-Dinitrophenol	9.87	184	134029	60.37	nq	# 77
54) Dibenzofuran	10.02	168	1725288	54.31	nq	97
55) 4-Nitrophenol	9.92	139	373990	61.99	nq	# 70
56) 2,4-Dinitrotoluene	10.00	165	463475	63.11	nq	# 82
57) Fluorene	10.36	166	1227568	56.12	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	304111	57.83	nq	97
59) Diethylphthalate	10.25	149	1536144	54.62	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	489878	55.57	nq	99
61) 4-Nitroaniline	10.38	138	407624	62.80	nq	92
62) Azobenzene	10.52	77	1548032	54.58	nq	93
64) 4,6-Dinitro-2-methylphenol	10.41	198	208157	60.17	nq	94
65) n-Nitrosodiphenylamine	10.47	169	1224224	53.96	nq	98
66) 4-Bromophenyl-phenylether	10.85	248	356007	54.85	nq	97
67) Hexachlorobenzene	10.92	284	368028	55.15	nq	95
68) Atrazine	11.00	200	331440	55.38	nq	94
69) Pentachlorophenol	11.10	266	241590	63.43	nq	99
70) Phenanthrene	11.32	178	1855504	61.46	nq	100
71) Anthracene	11.37	178	1922127	54.53	nq	99
72) Carbazole	11.52	167	2083764	53.55	nq	100
73) Di-n-butylphthalate	11.86	149	2252033	54.81	nq	100
74) Fluoranthene	12.50	202	1859991	53.08	nq	97
76) Benzidine	12.62	184	800104	53.05	nq	97
77) Pyrene	12.73	202	1934012	58.51	nq	99
79) Butylbenzylphthalate	13.36	149	967805	63.89	nq	# 80
80) Benzo(a)anthracene	13.92	228	1391555	56.75	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	577822	61.89	nq	96
82) Chrysene	13.96	228	1489191	58.72	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1000099	60.75	nq	# 99
84) Di-n-octyl phthalate	14.53	149	2106295	62.12	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.74	276	1248259	59.30	nq	97
87) Benzo(b)fluoranthene	14.97	252	1285019	48.74	nq	98
88) Benzo(k)fluoranthene	14.97	252	1285019	53.39	nq	96
89) Benzo(a)pyrene	15.29	252	1339715	57.53	nq	98
90) Dibenzo(a,h)anthracene	16.76	278	1038049	56.93	nq	97
91) Benzo(g,h,i)perylene	17.16	276	1085029	57.25	nq	98

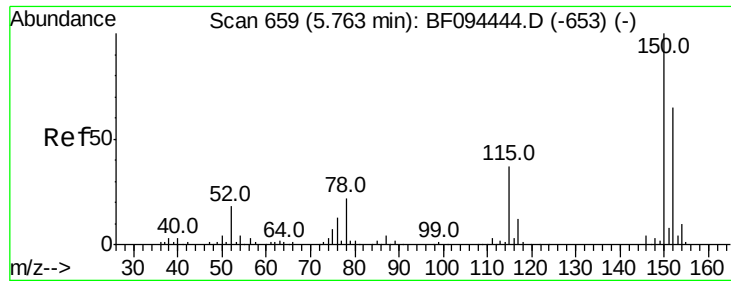
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :
ALS Vial  : 7      Sample Multiplier: 1
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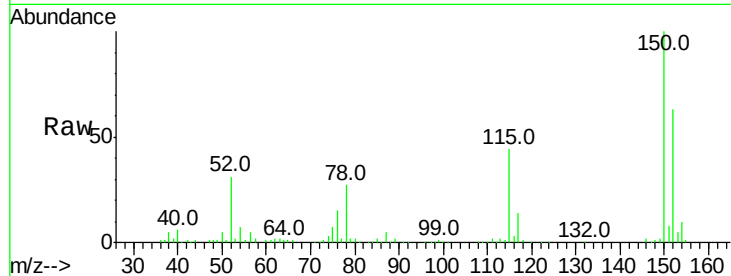


#1

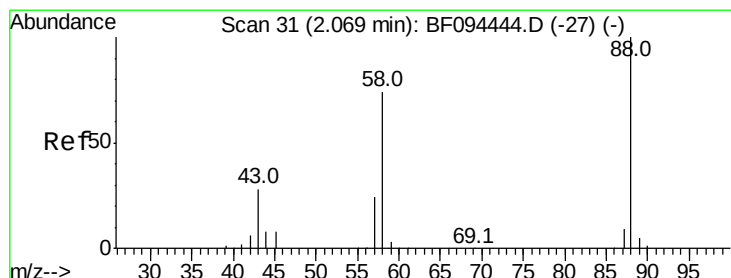
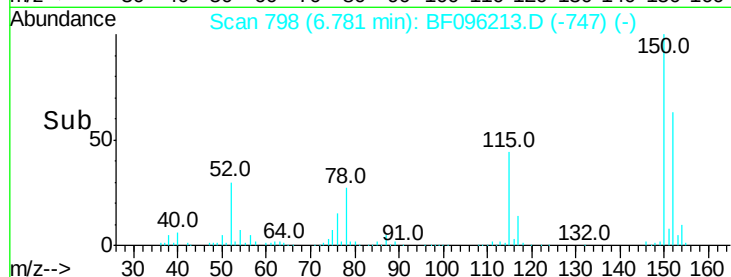
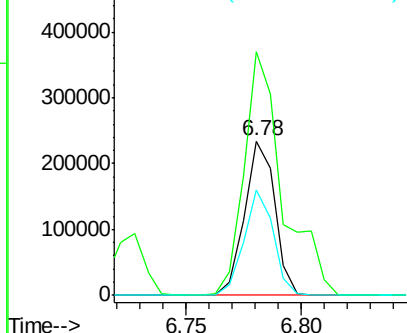
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096213.D
Acq: 27 Jun 2017 12:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 215494
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 68.7 52.2 78.2



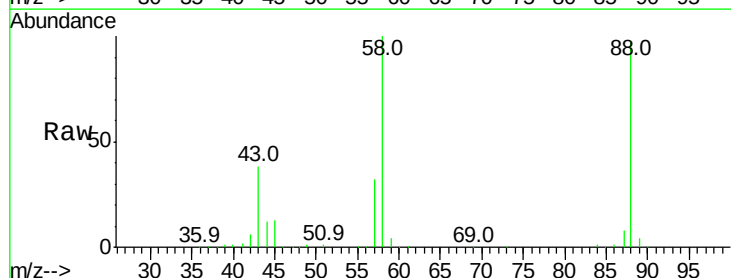
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



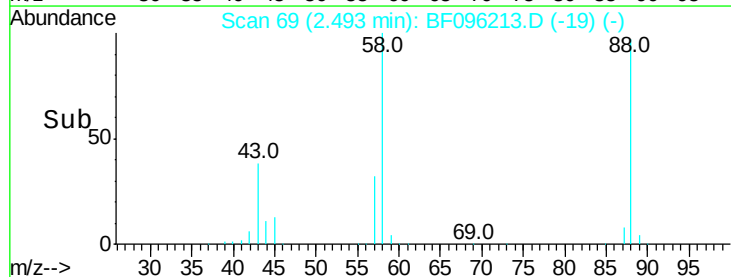
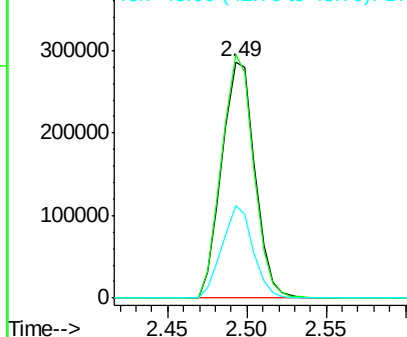
#2

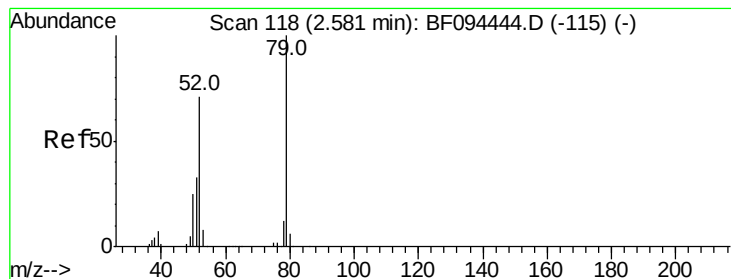
1,4-Dioxane
Concen: 58.47 ng
RT: 2.49 min Scan# 69
Delta R.T. -0.01 min
Lab File: BF096213.D
Acq: 27 Jun 2017 12:44

Tgt Ion: 88 Resp: 417165
Ion Ratio Lower Upper
88 100
58 99.7 61.4 92.0#
43 36.7 23.4 35.0#



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





#3

Pvridine

Concen: 61.62 ng

RT: 3.21 min Scan# 191

Delta R.T. -0.02 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampleId :

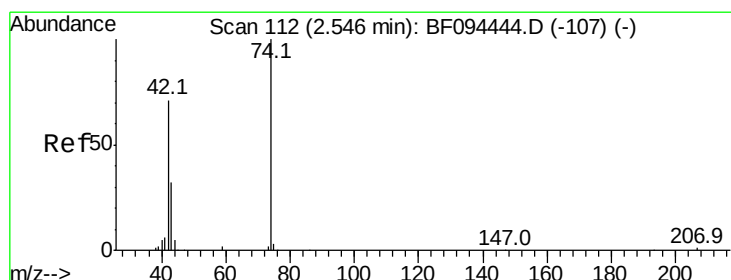
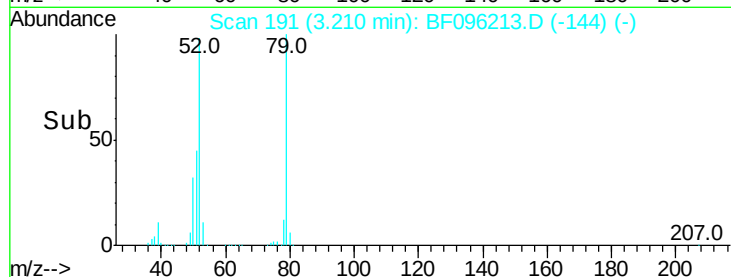
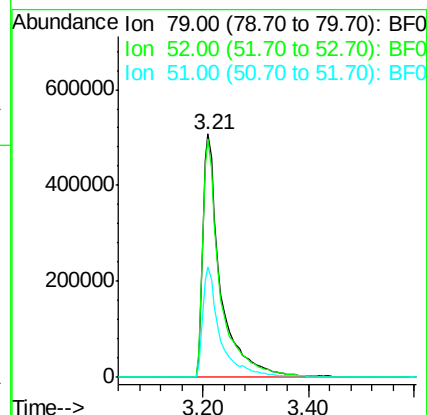
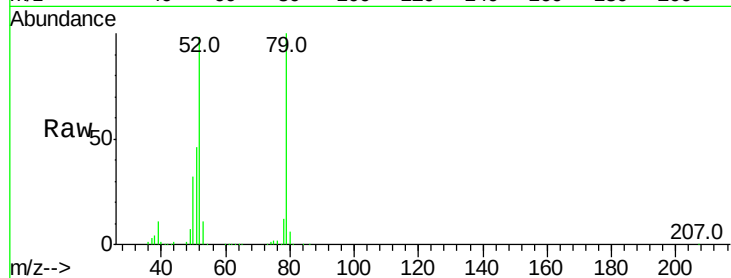
Tot Ion: 79 Resp: 1205741

Ion Ratio Lower Upper

79 100

52 98.2 54.8 82.2#

51 45.6 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 62.85 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.03 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

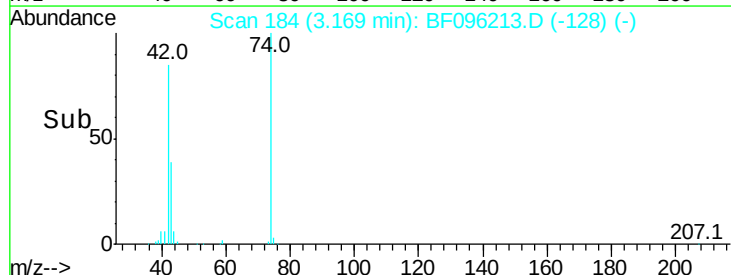
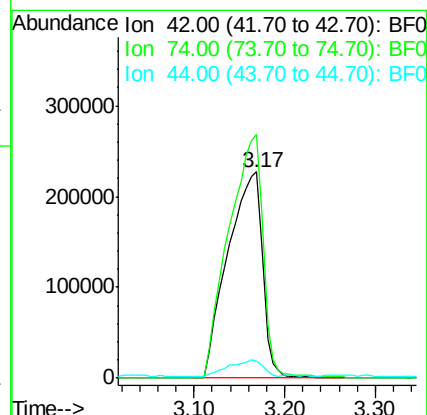
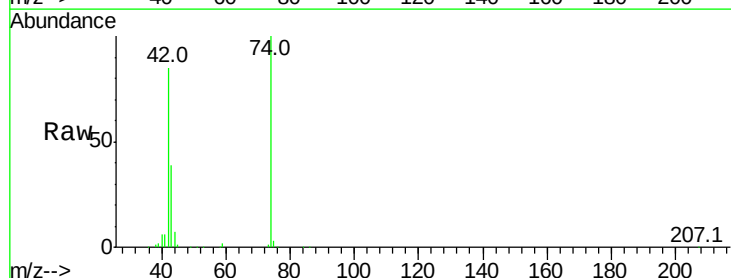
Tgt Ion: 42 Resp: 608349

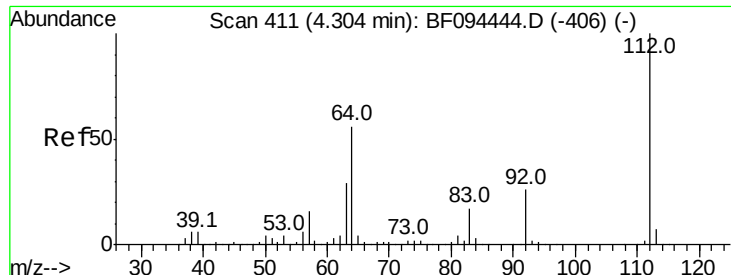
Ion Ratio Lower Upper

42 100

74 118.0 103.9 155.9

44 8.2 5.7 8.5





#5

2-Fluorophenol

Concen: 112.47 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :
BNA_F
ClientSampleId :

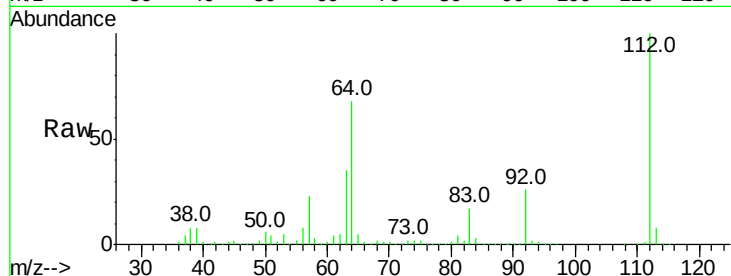
Tot Ion:112 Resp: 1682320

Ion Ratio Lower Upper

112 100

64 67.9 46.0 69.0

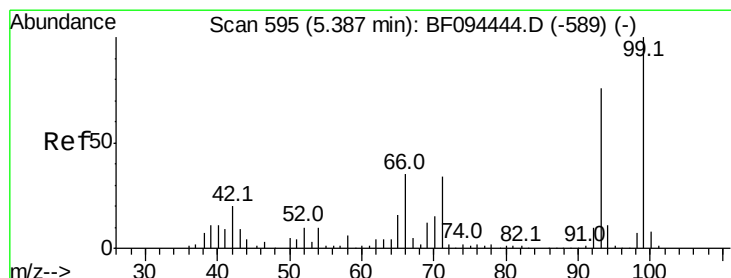
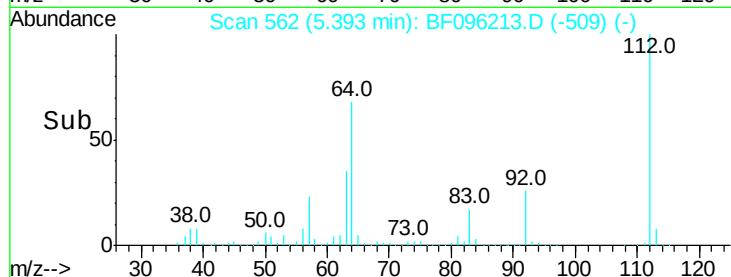
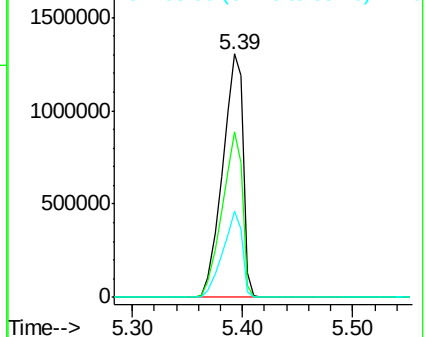
63 35.3 23.4 35.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 56.12 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.02 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

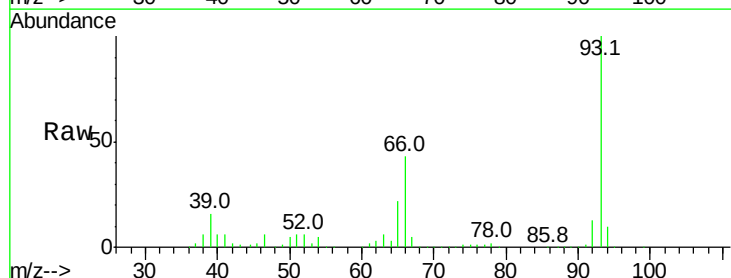
Tgt Ion: 93 Resp: 1401470

Ion Ratio Lower Upper

93 100

66 42.7 32.9 49.3

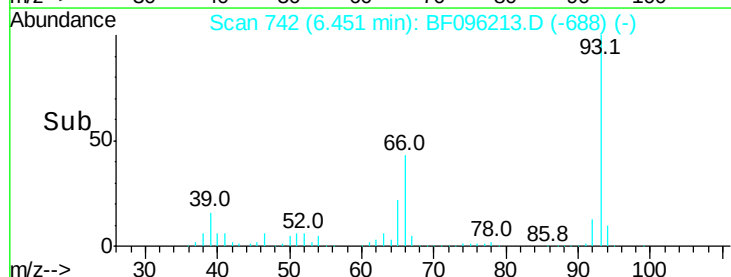
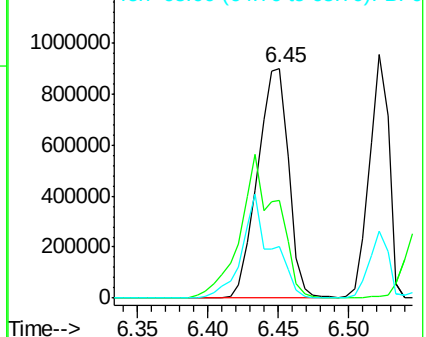
65 22.2 16.0 24.0

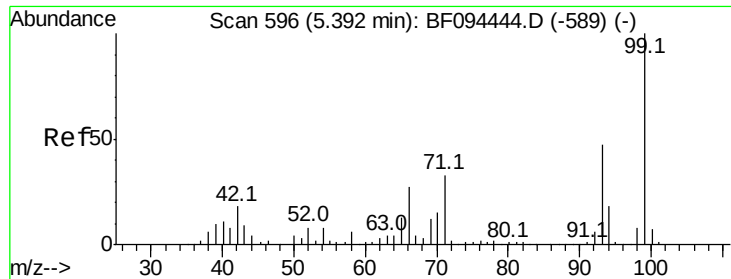


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.71 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.02 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

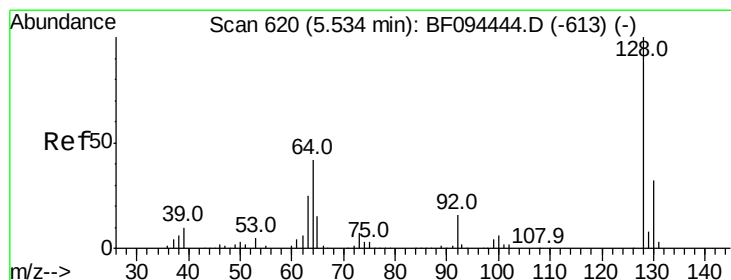
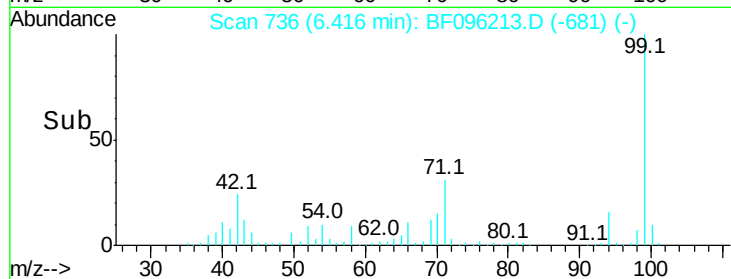
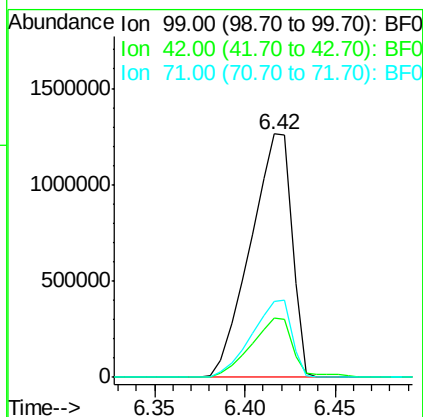
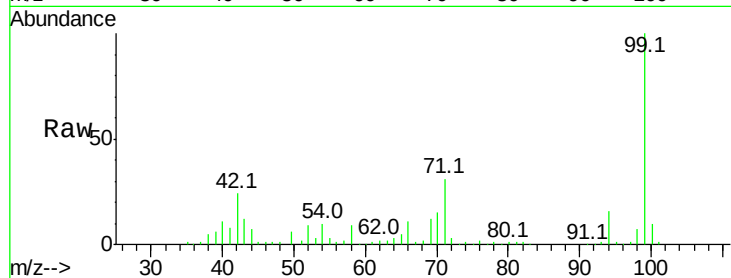
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2005258

Ion	Ratio	Lower	Upper
99	100		
42	24.1	13.5	20.3#
71	31.0	24.5	36.7



#8

2-Chlorophenol

Concen: 55.70 ng

RT: 6.57 min Scan# 762

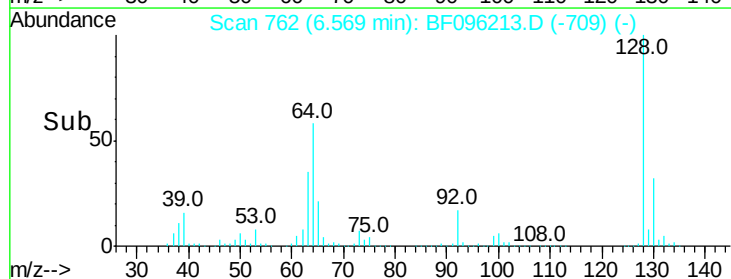
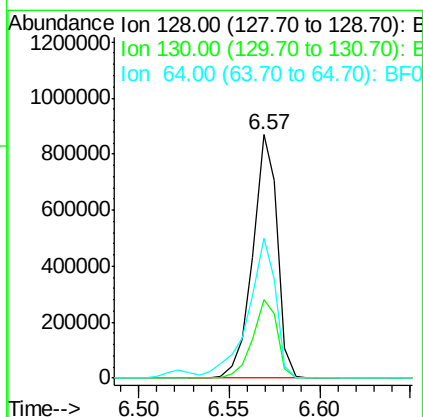
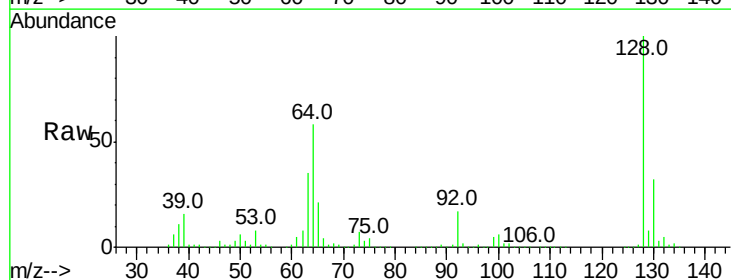
Delta R.T. 0.01 min

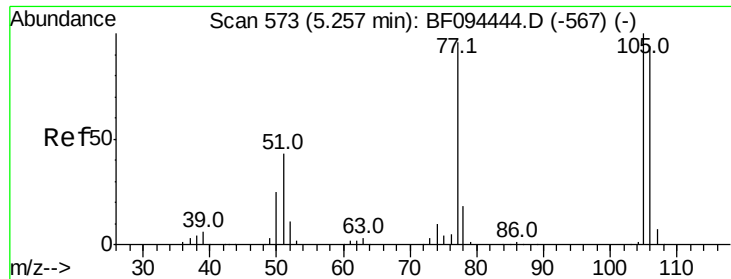
Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Tgt Ion: 128 Resp: 817446

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	57.7	28.4	68.4





#9

Benzaldehyde

Concen: 59.61 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampleId :

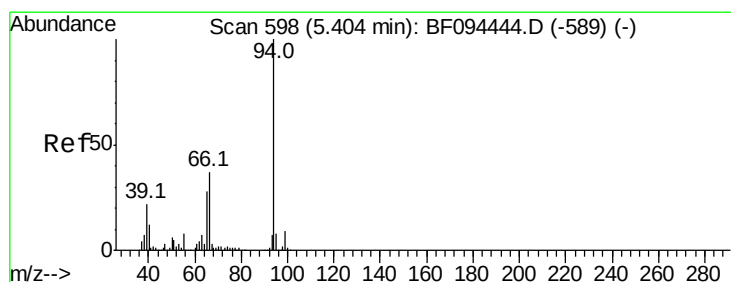
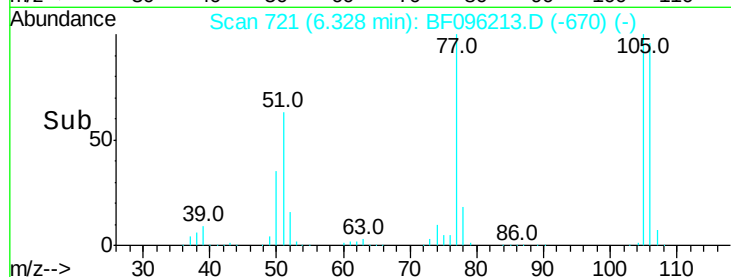
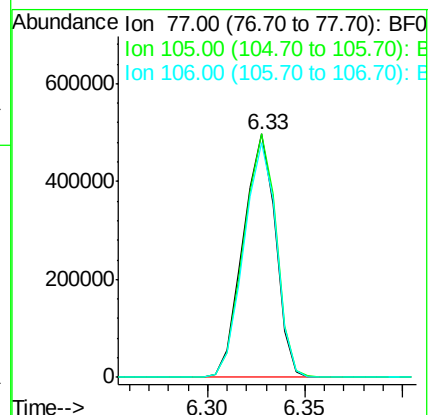
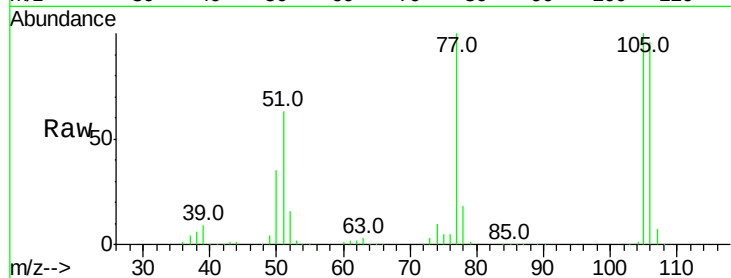
Tot Ion: 77 Resp: 573488

Ion Ratio Lower Upper

77 100

105 100.0 83.8 123.8

106 96.1 79.1 119.1



#10

Phenol

Concen: 55.94 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.03 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

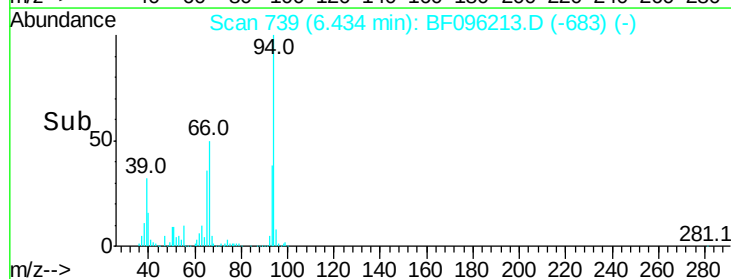
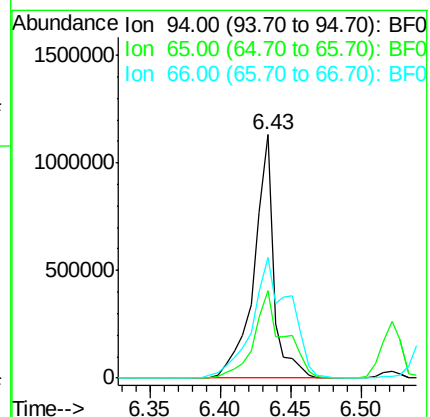
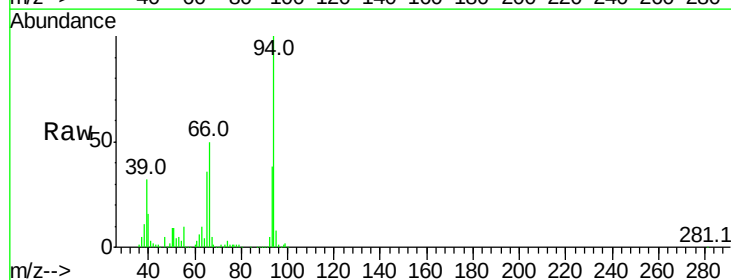
Tgt Ion: 94 Resp: 1113795

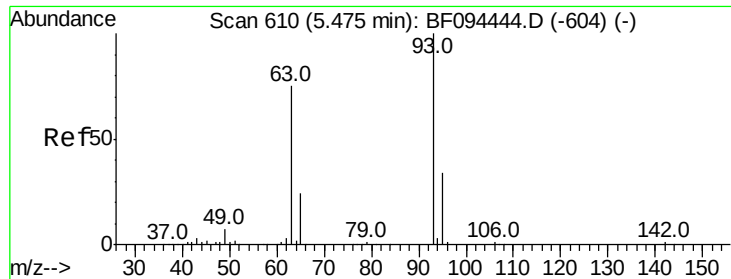
Ion Ratio Lower Upper

94 100

65 36.1 9.9 49.9

66 49.8 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 56.40 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampleId :

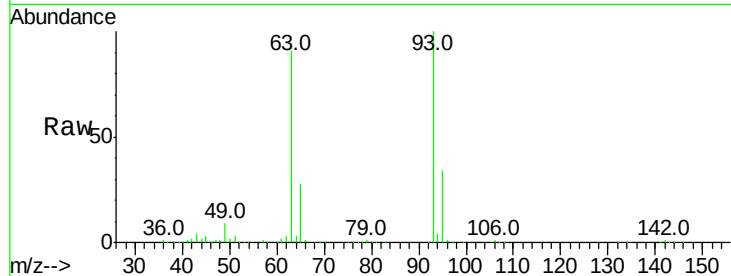
Tot Ion: 93 Resp: 918817

Ion	Ratio	Lower	Upper
93	100		
63	91.4	59.2	99.2
95	33.6	12.8	52.8

93 100

63 91.4 59.2 99.2

95 33.6 12.8 52.8

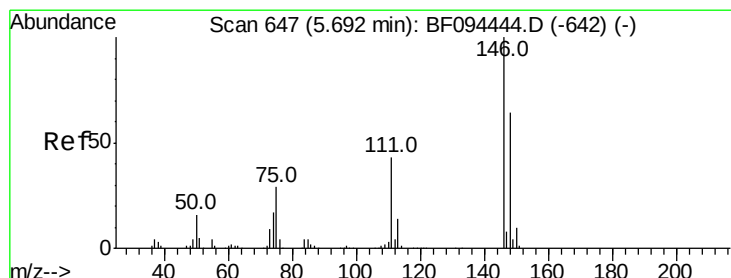
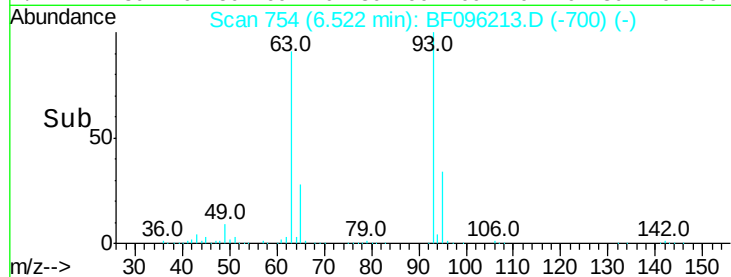
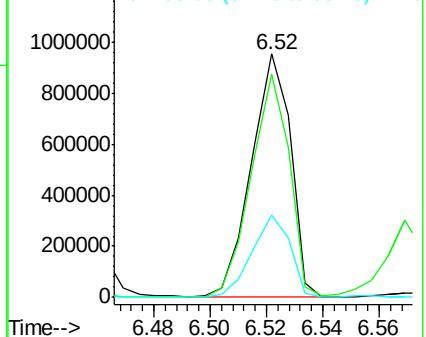


Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 55.67 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

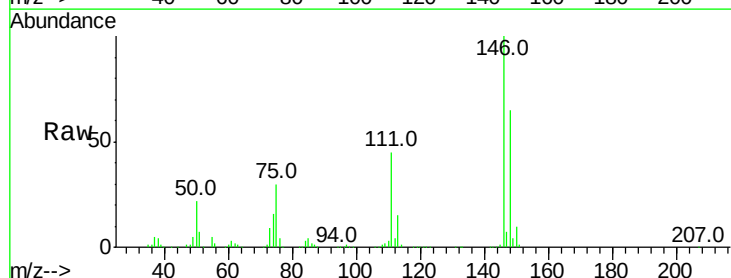
Tgt Ion: 146 Resp: 900556

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.6
75	30.0	23.1	34.7

146 100

148 64.8 51.8 77.6

75 30.0 23.1 34.7

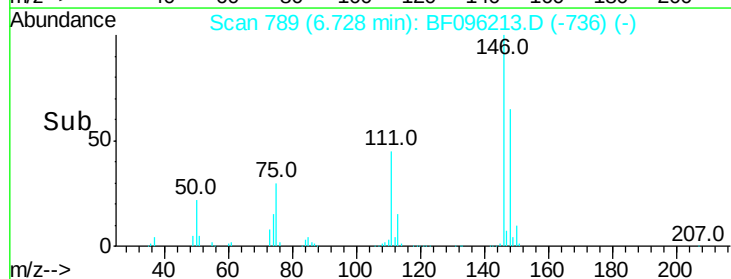
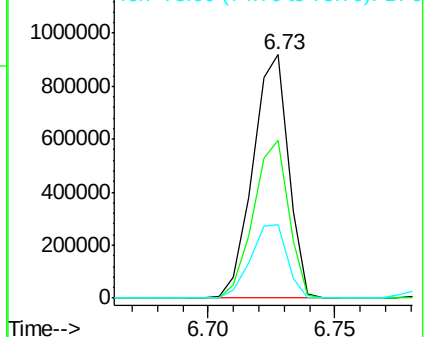


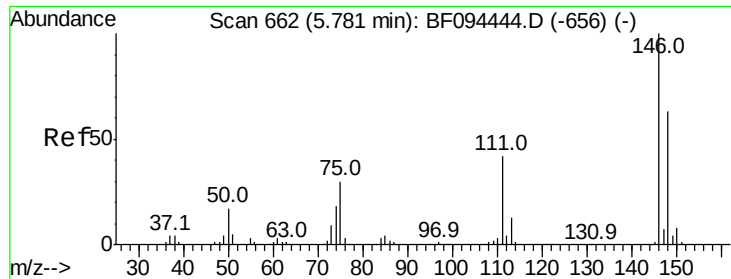
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

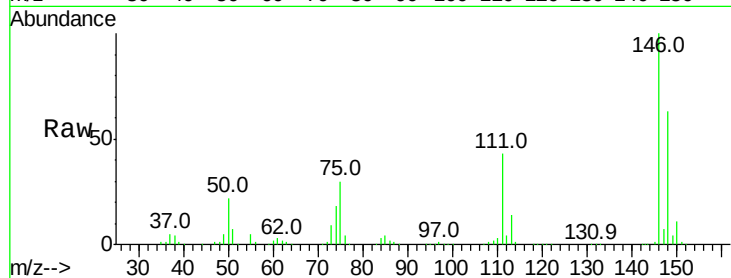




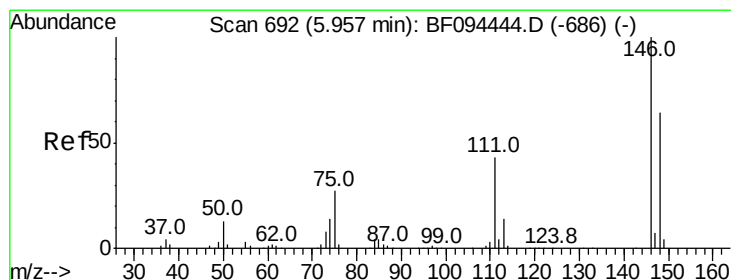
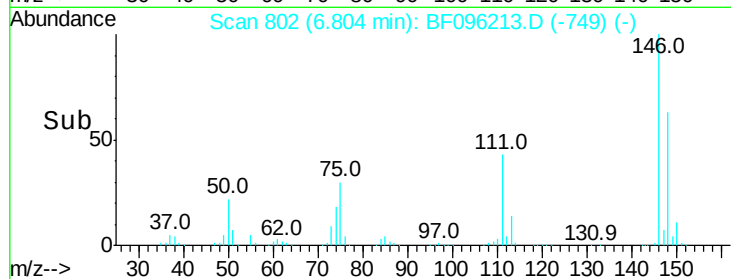
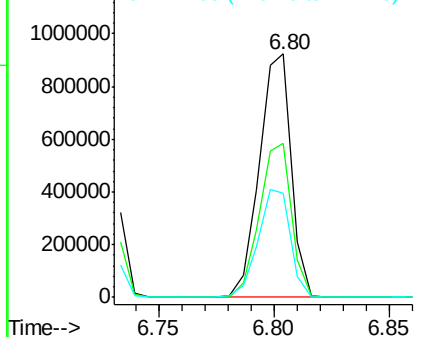
#13
 1,4-Dichlorobenzene
 Concen: 54.76 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 889151
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.2
 111 42.5 30.3 45.5

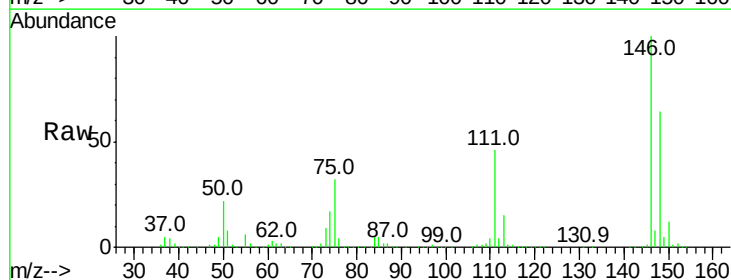


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

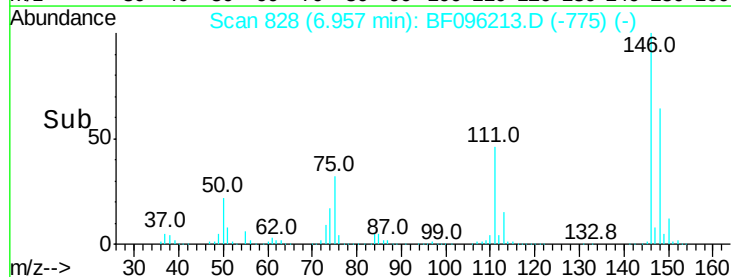
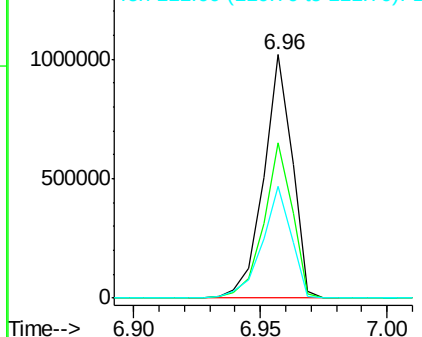


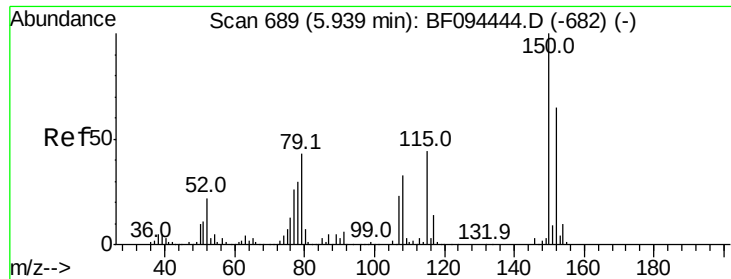
#14
 1,2-Dichlorobenzene
 Concen: 54.21 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

Tgt Ion:146 Resp: 801932
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.4 75.6
 111 45.9 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 57.10 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.02 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampled :

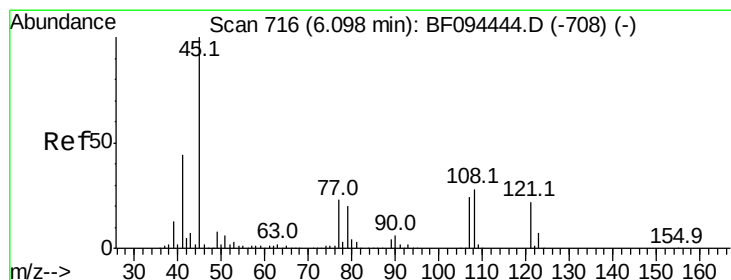
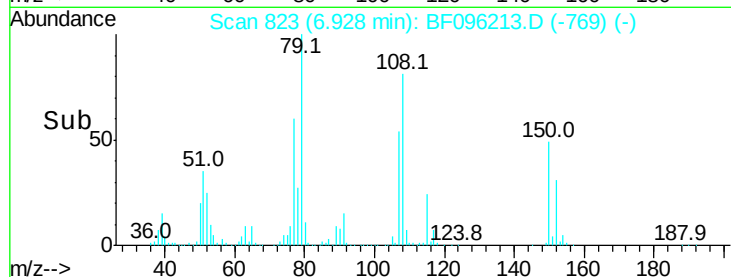
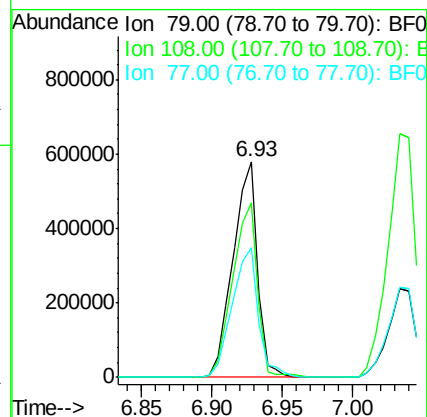
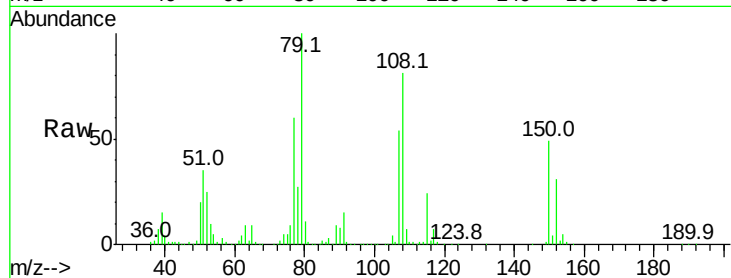
Tot Ion: 79 Resp: 697795

Ion Ratio Lower Upper

79 100

108 81.1 63.4 95.0

77 60.4 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 56.89 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

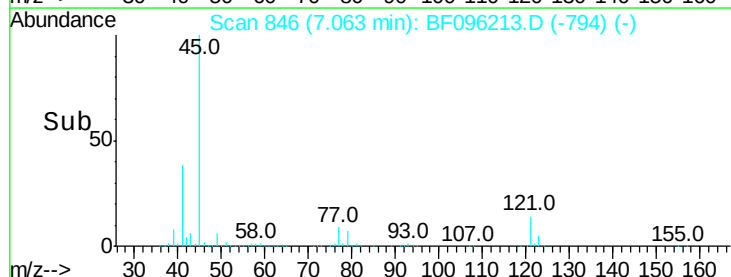
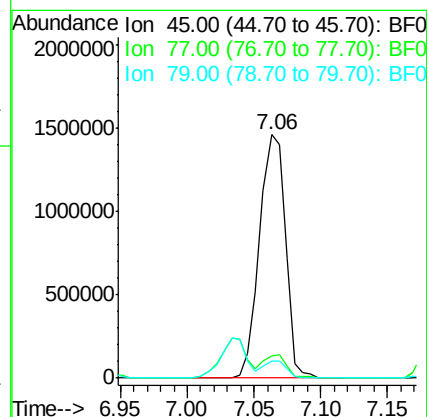
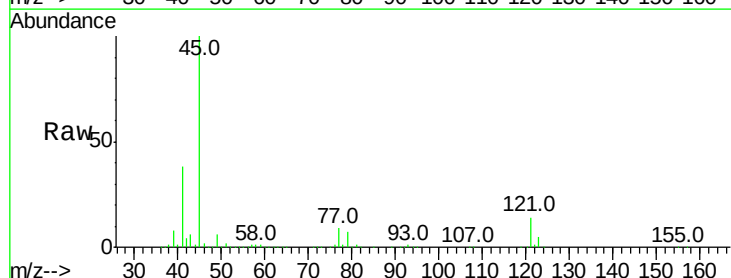
Tgt Ion: 45 Resp: 1958070

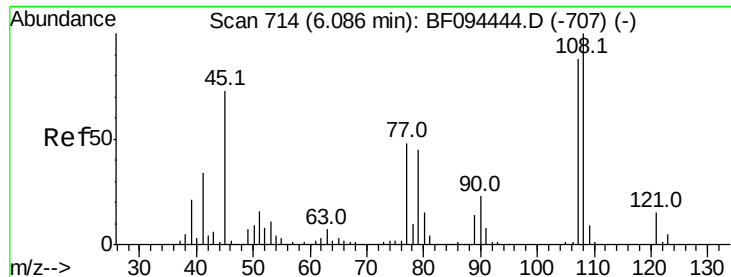
Ion Ratio Lower Upper

45 100

77 9.3 0.0 33.2

79 6.8 0.0 30.0





#17

2-Methylphenol

Concen: 57.49 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.02 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 731790

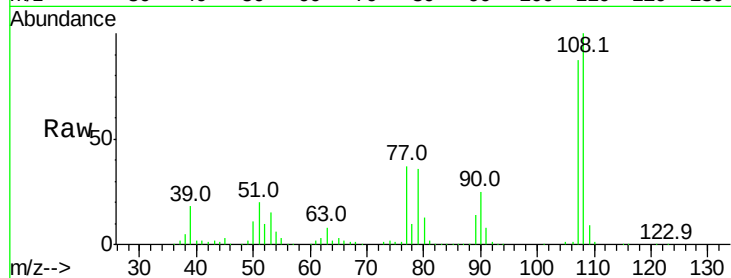
Ion Ratio Lower Upper

107 100

108 115.2 93.4 140.0

77 42.5 35.8 53.6

79 41.7 34.8 52.2

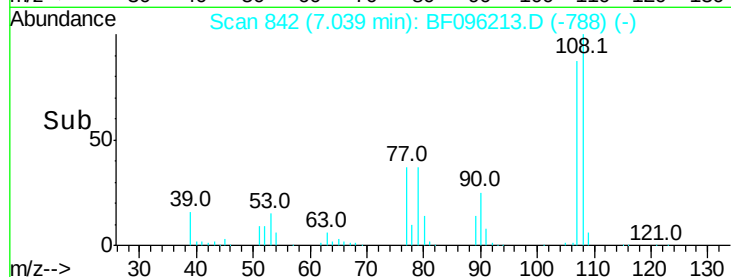


Abundance Ion 107.00 (106.70 to 107.70): E

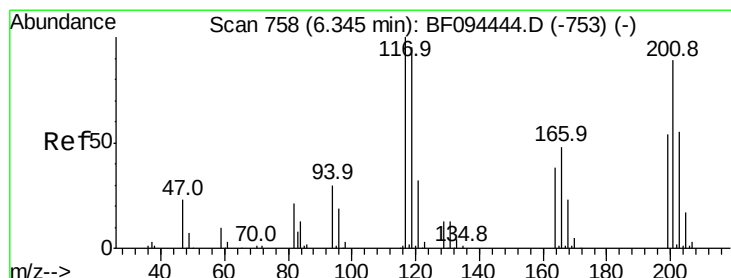
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 58.15 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

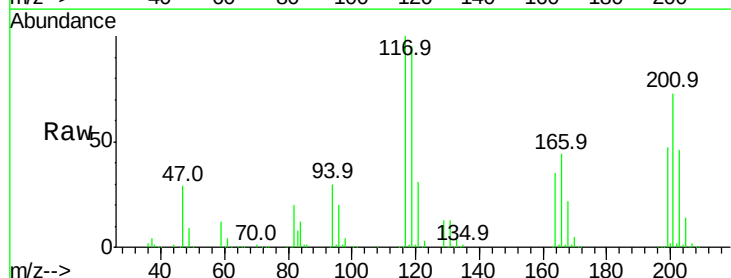
Tgt Ion:117 Resp: 340553

Ion Ratio Lower Upper

117 100

119 94.7 77.4 116.0

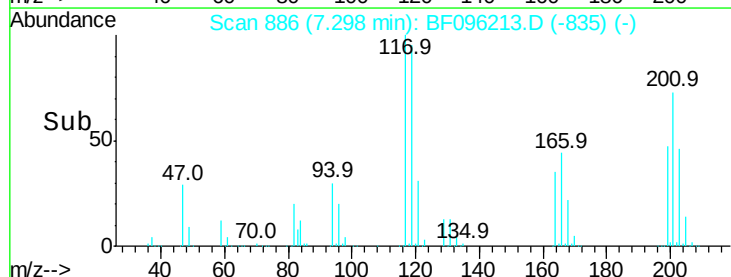
201 73.1 94.6 141.8#



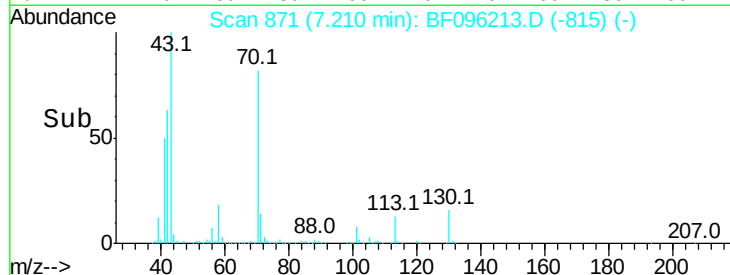
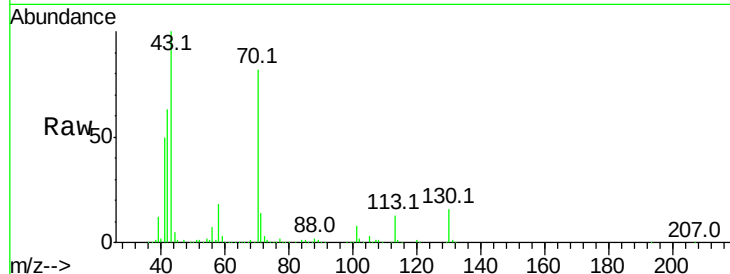
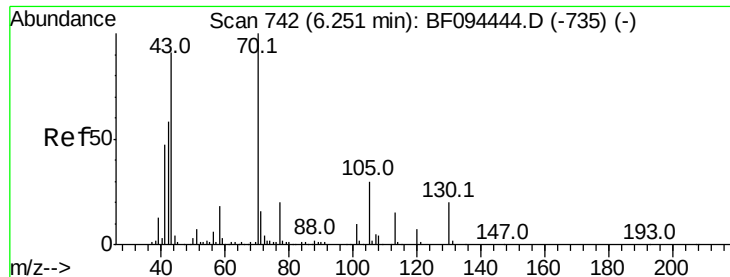
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



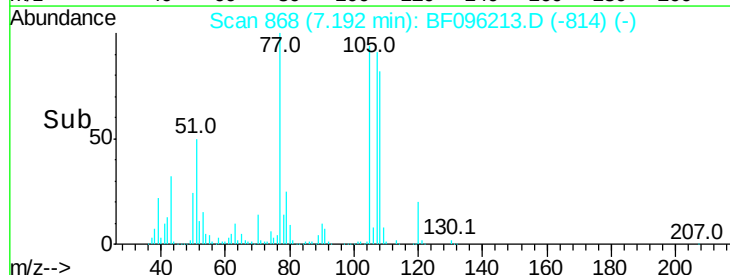
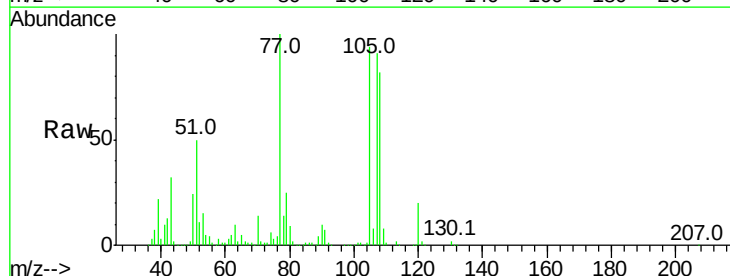
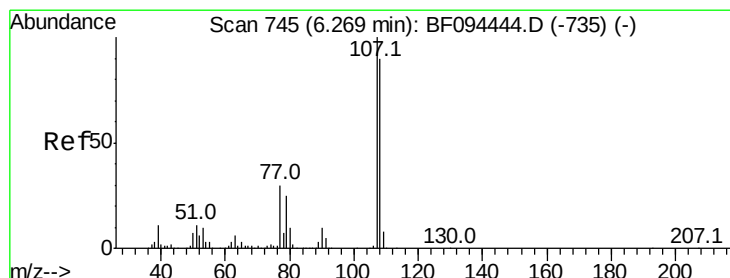
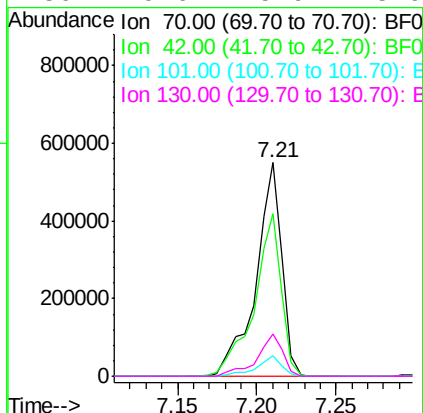
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 57.88 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.03 min
Lab File: BF096213.D
Acq: 27 Jun 2017 12:44

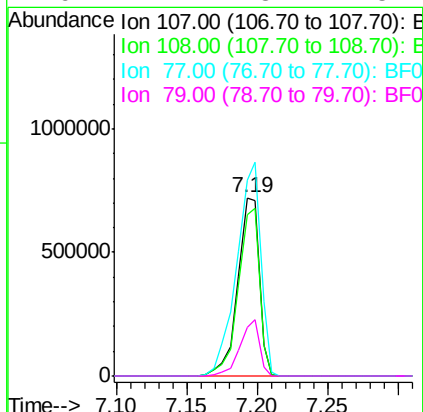
Instrument :
BNA_F
ClientSampleId :

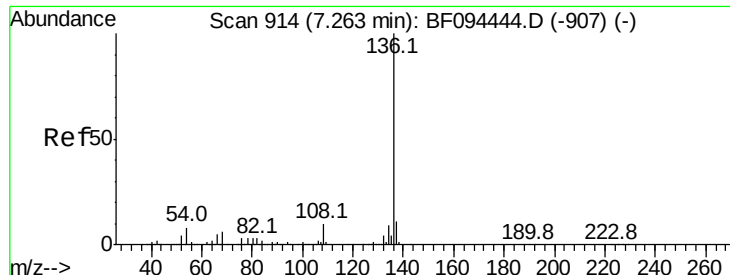
Tot Ion: 70 Resp: 628030
Ion Ratio Lower Upper
70 100
42 76.1 47.2 70.8#
101 9.5 7.2 10.8
130 19.6 15.9 23.9



#20
3+4-Methylphenols
Concen: 53.01 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.02 min
Lab File: BF096213.D
Acq: 27 Jun 2017 12:44

Tgt Ion:107 Resp: 769488
Ion Ratio Lower Upper
107 100
108 90.7 71.0 111.0
77 110.0 90.5 130.5
79 27.1 8.4 48.4

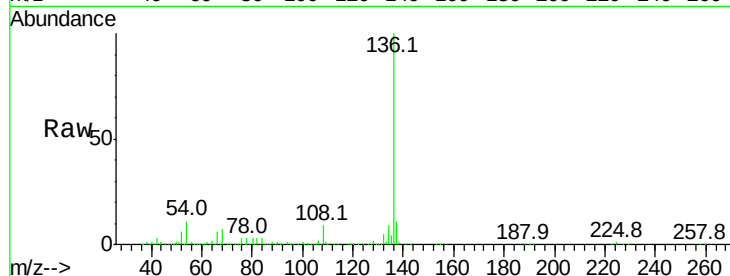




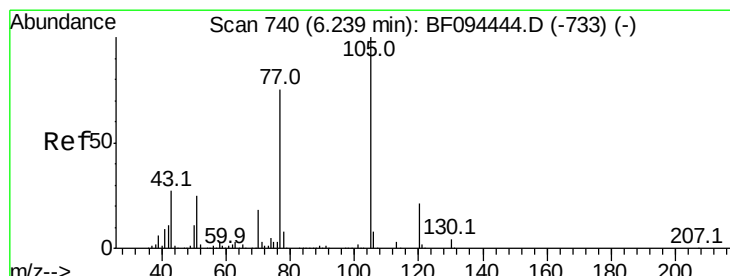
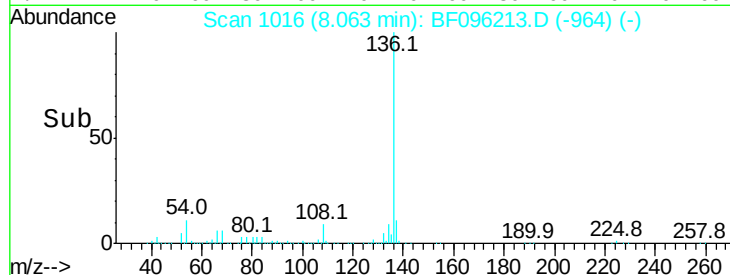
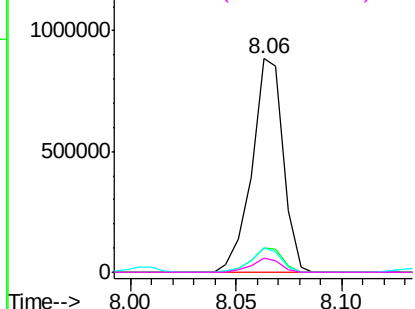
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF096213.D
Acq: 27 Jun 2017 12:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	908996
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.5 12.7
54	11.3	4.9 7.3#
68	6.6	4.1 6.1#

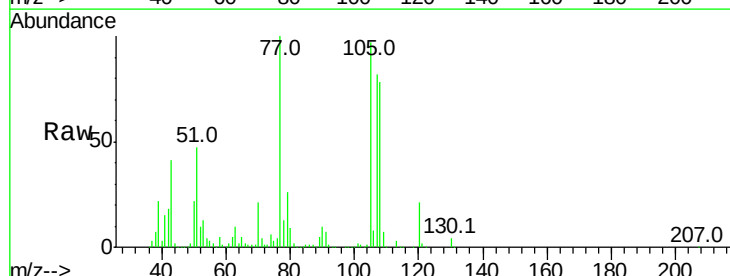


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

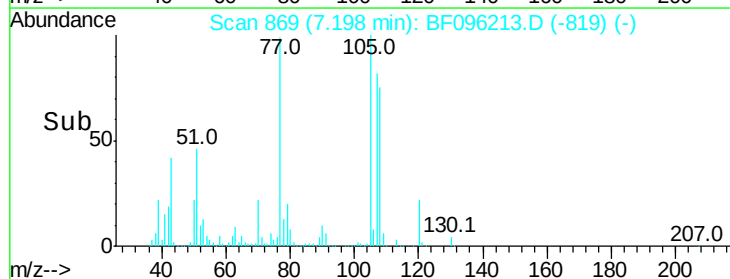
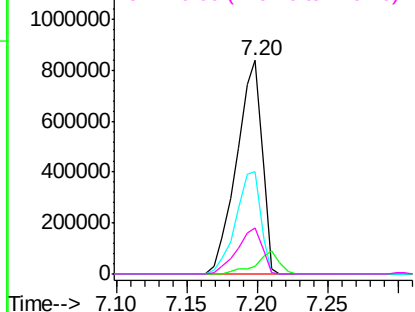


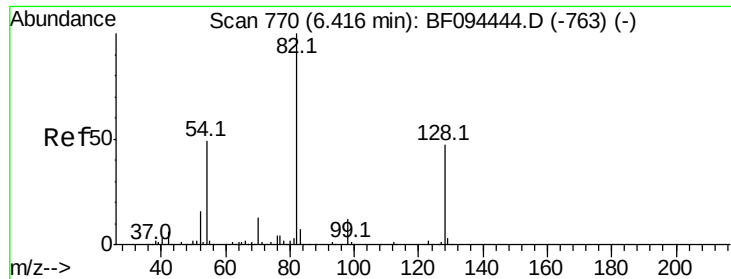
#22
Acetophenone
Concen: 55.65 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF096213.D
Acq: 27 Jun 2017 12:44

Tgt Ion:105	Resp:	1051294
Ion Ratio	Lower	Upper
105	100	
71	3.6	2.8 4.2
51	48.0	30.7 46.1#
120	21.8	17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

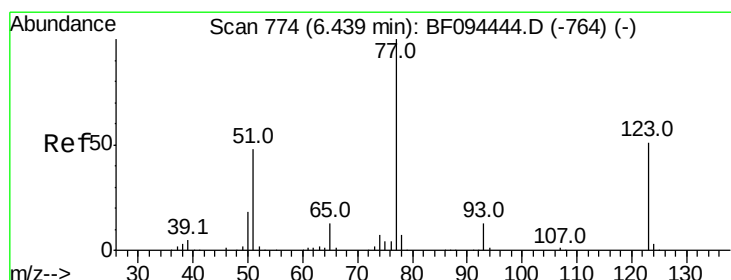
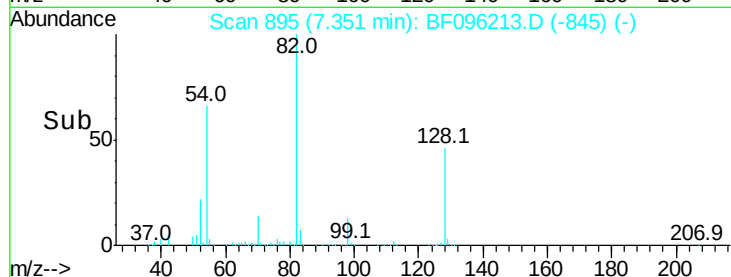
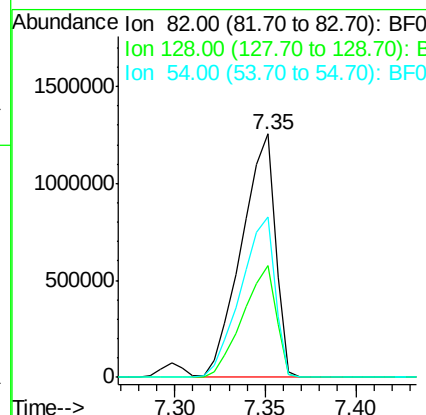
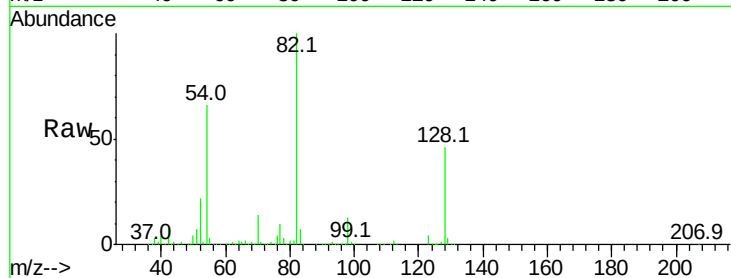




#23
 Nitrobenzene-d5
 Concen: 124.62 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

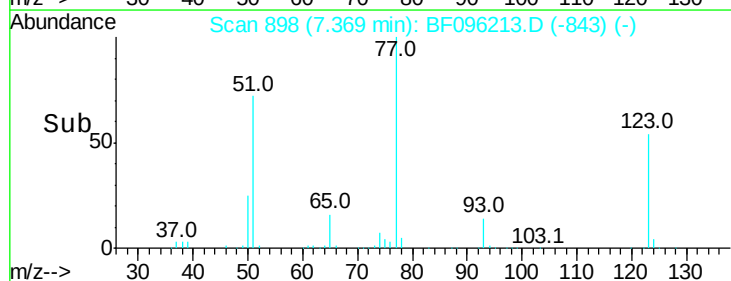
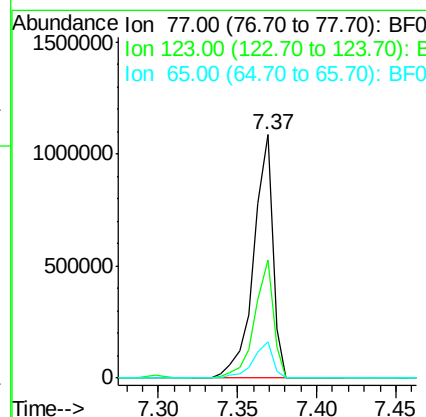
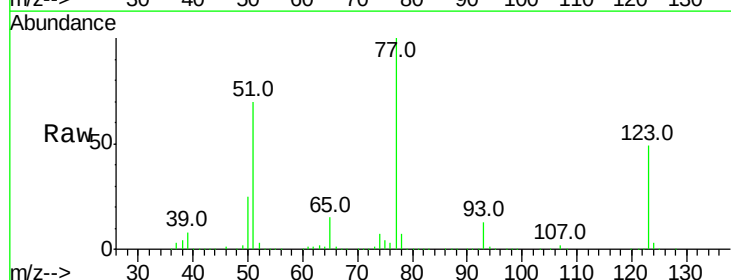
Instrument :
 BNA_F
 ClientSampleId :

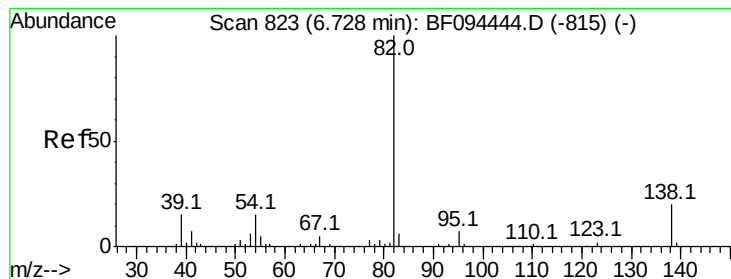
Tot Ion: 82 Resp: 1636335
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.0 51.0
 54 66.1 42.2 63.2#



#24
 Nitrobenzene
 Concen: 62.46 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.02 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

Tgt Ion: 77 Resp: 908242
 Ion Ratio Lower Upper
 77 100
 123 48.7 35.8 53.8
 65 15.0 10.6 15.8





#25

Isophorone

Concen: 58.51 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.02 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampleId :

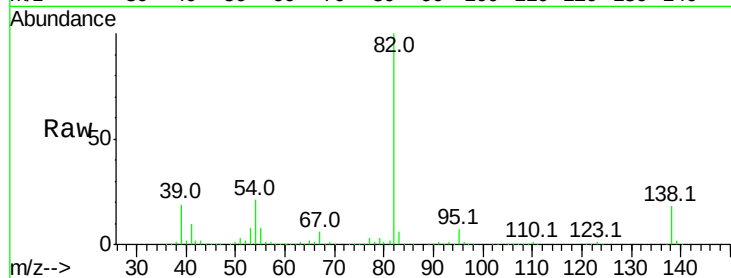
Tot Ion: 82 Resp: 1744869

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

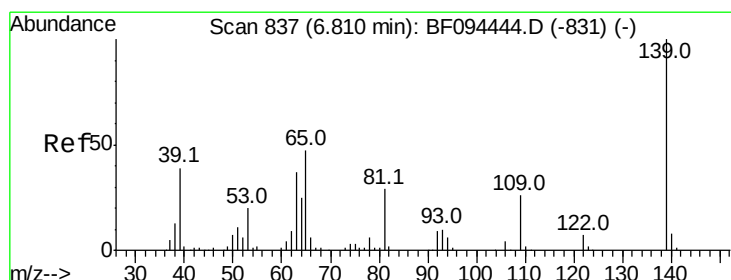
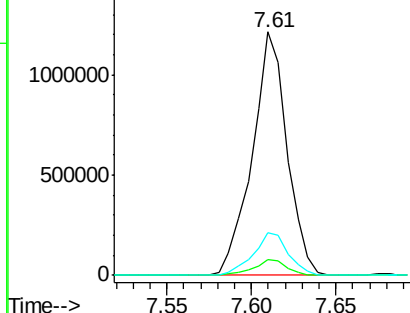
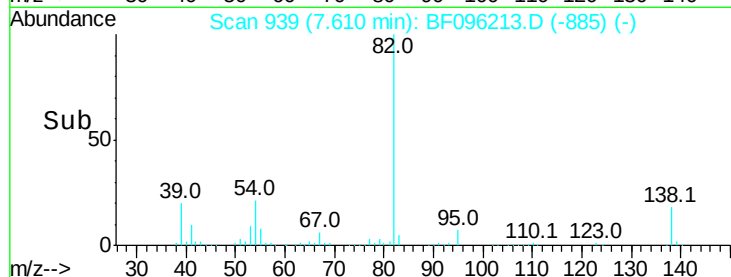
138 17.6 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 61.31 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

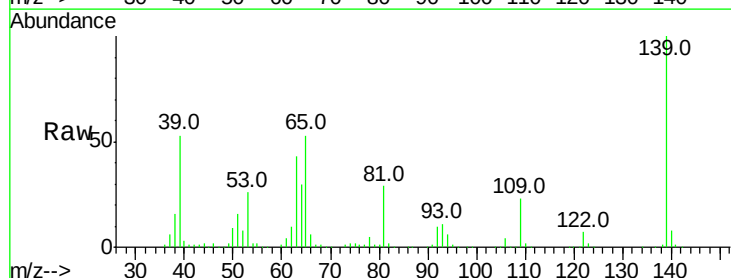
Tgt Ion:139 Resp: 422986

Ion Ratio Lower Upper

139 100

109 22.6 21.0 31.6

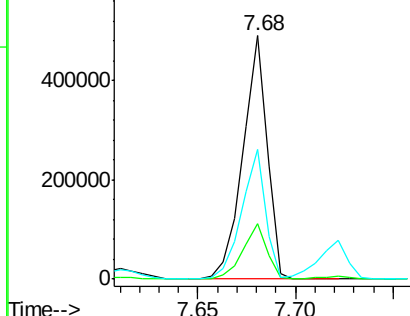
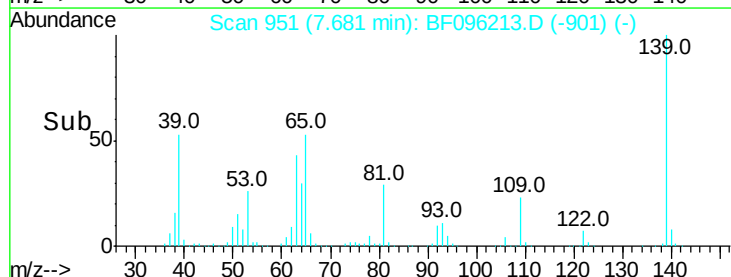
65 53.3 33.0 49.6#

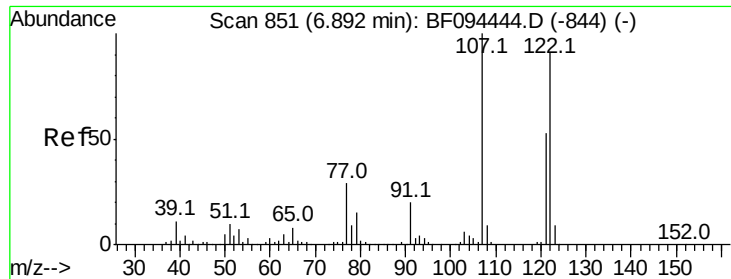


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 57.14 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampleId :

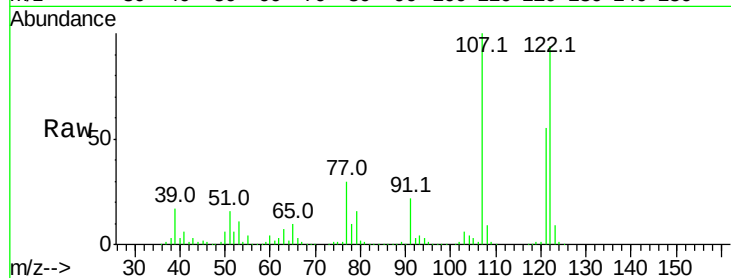
Tot Ion:122 Resp: 769944

Ion Ratio Lower Upper

122 100

107 106.4 89.2 133.8

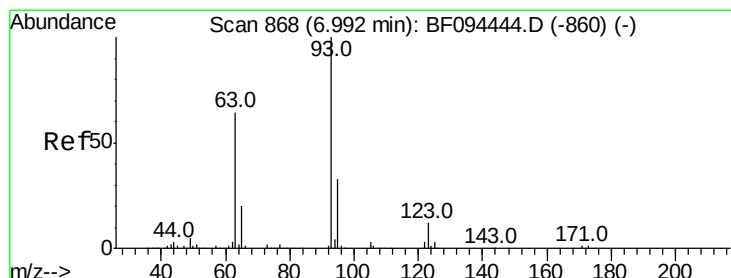
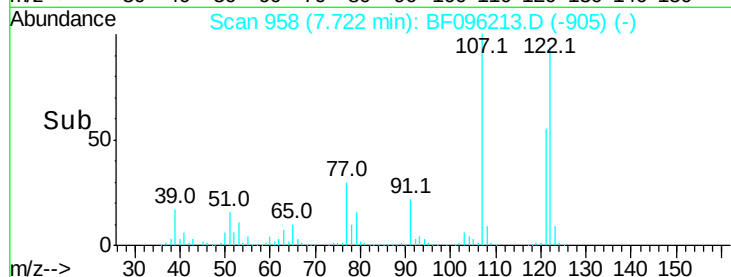
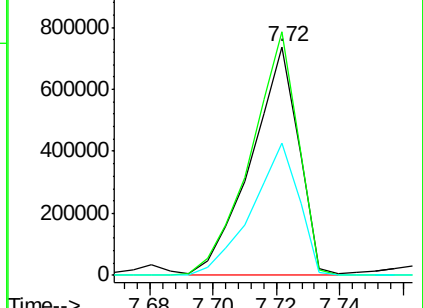
121 58.1 45.2 67.8



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: 55.93 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.02 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

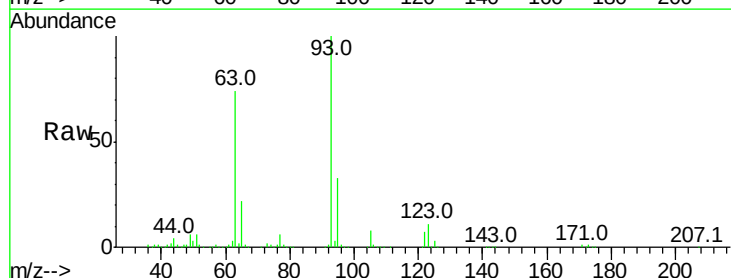
Tgt Ion: 93 Resp: 1129903

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

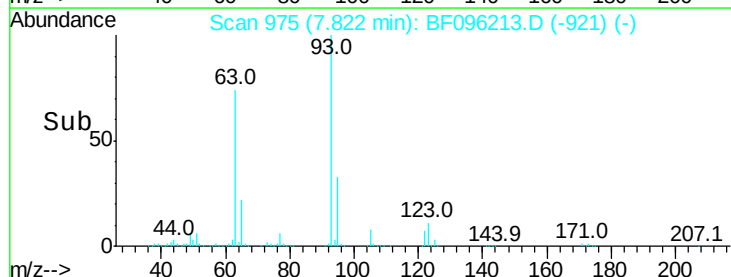
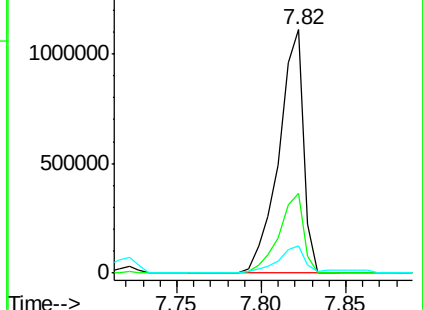
123 11.3 9.0 13.4

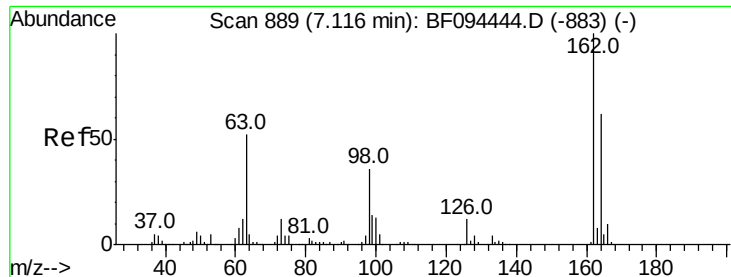


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 58.58 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampleId :

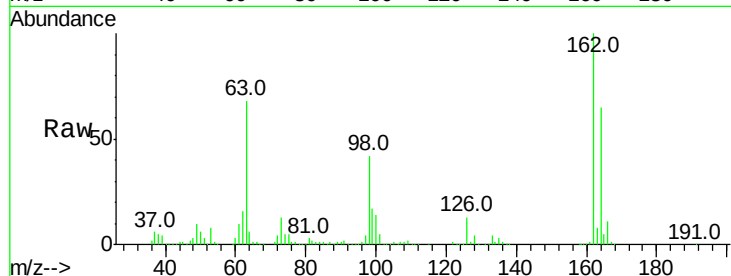
Tot Ion:162 Resp: 673192

Ion Ratio Lower Upper

162 100

164 64.9 44.6 84.6

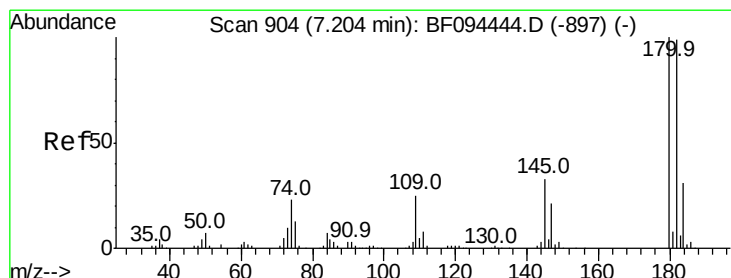
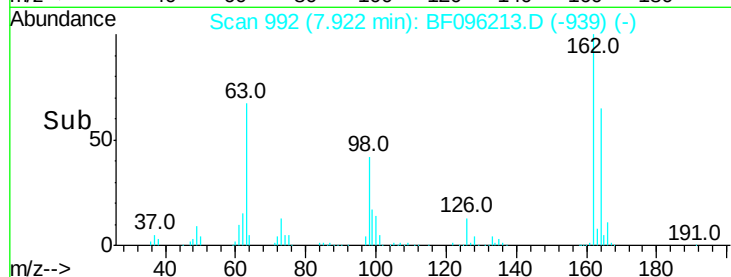
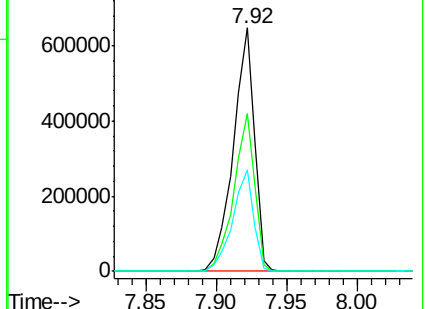
98 41.6 14.8 54.8



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: 55.31 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

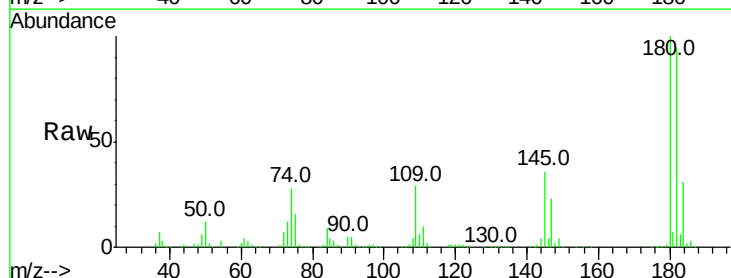
Tgt Ion:180 Resp: 630793

Ion Ratio Lower Upper

180 100

182 94.3 75.8 113.6

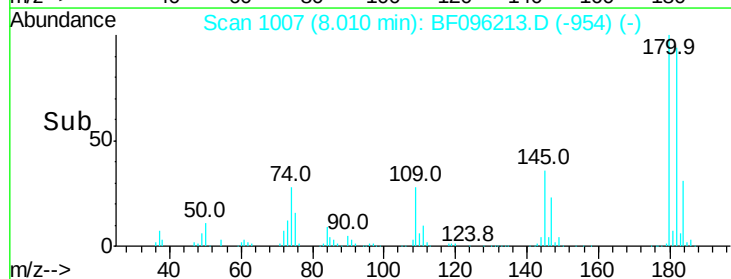
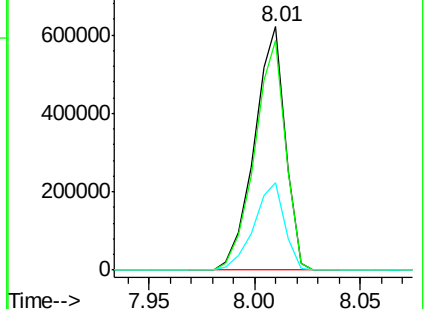
145 36.0 25.3 37.9

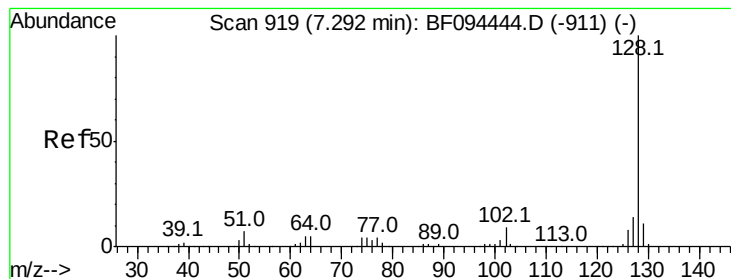


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 54.03 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampleId :

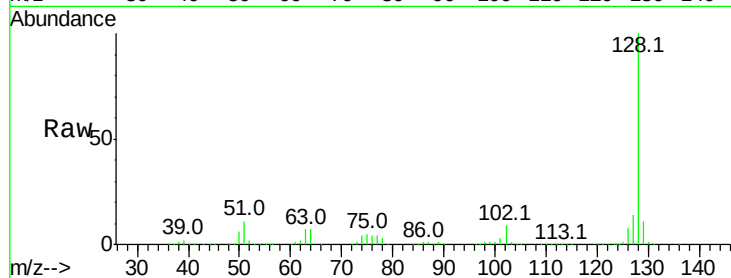
Tot Ion:128 Resp: 2367142

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

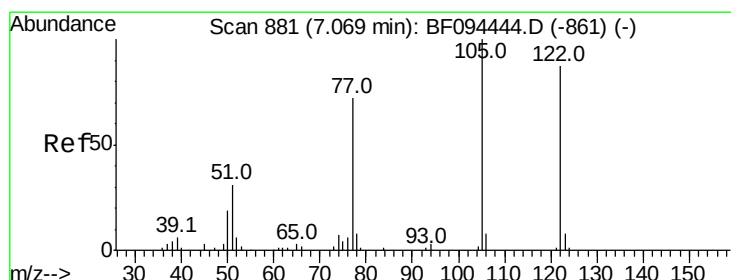
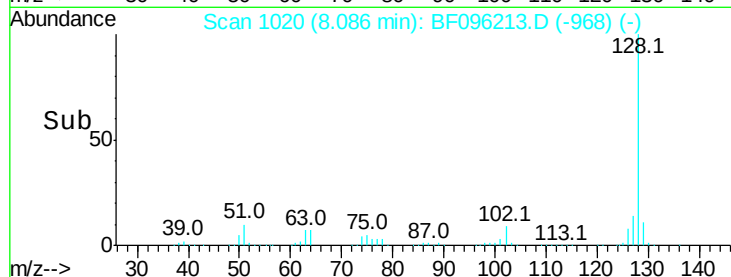
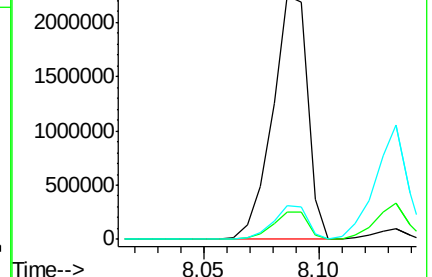
127 14.1 10.8 16.2



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: 60.38 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

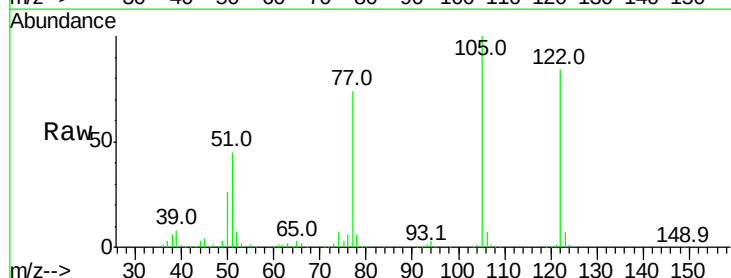
Tgt Ion:122 Resp: 602185

Ion Ratio Lower Upper

122 100

105 118.6 103.3 143.3

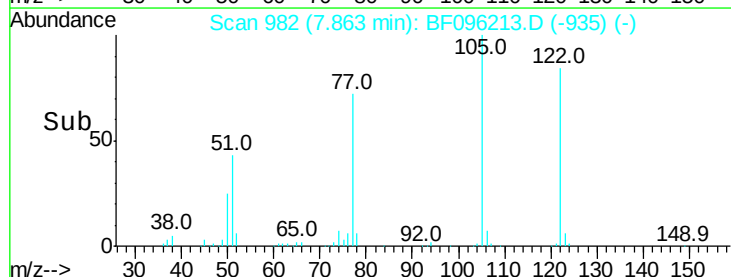
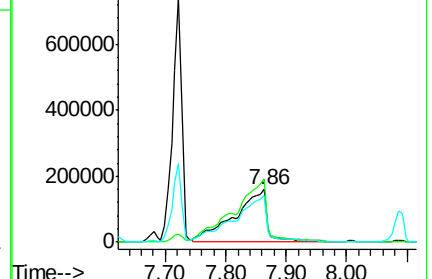
77 87.7 73.7 113.7

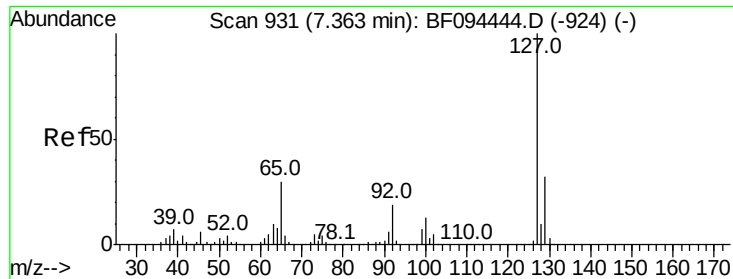


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

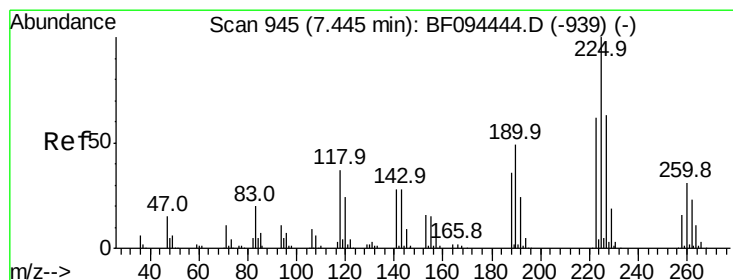
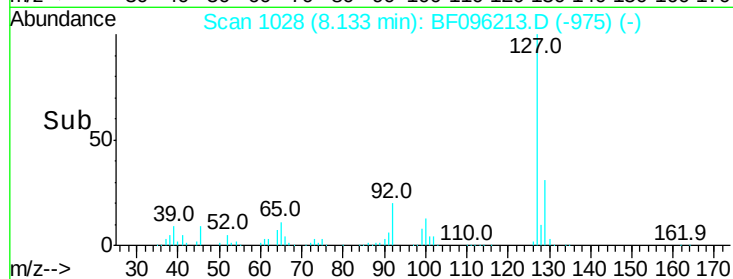
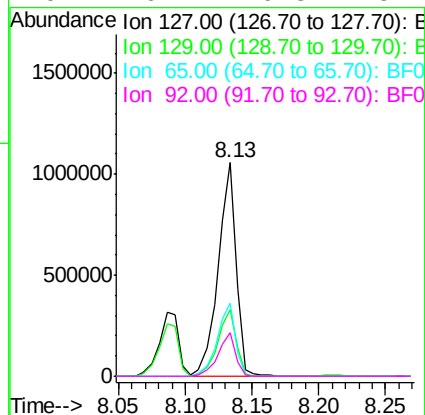
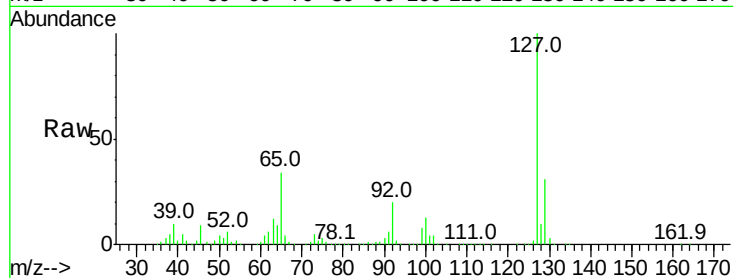




#33
4-Chloroaniline
Concen: 55.67 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF096213.D
Acq: 27 Jun 2017 12:44

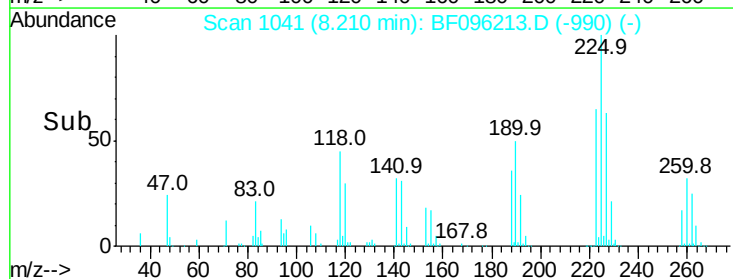
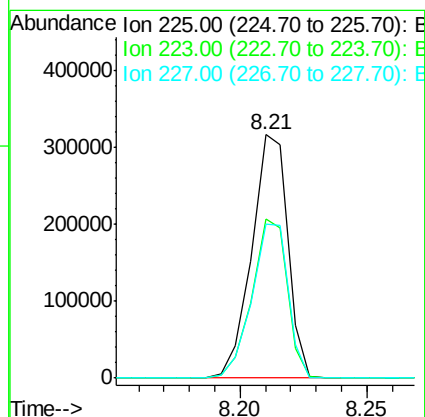
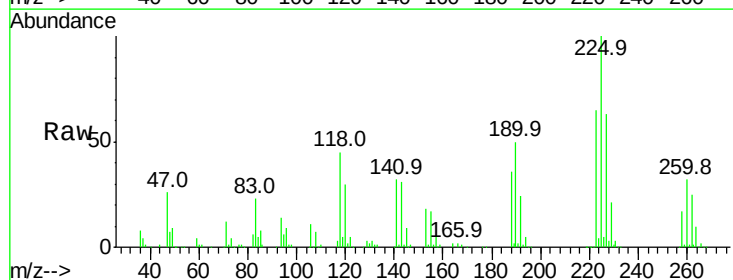
Instrument :
BNA_F
ClientSampleId :

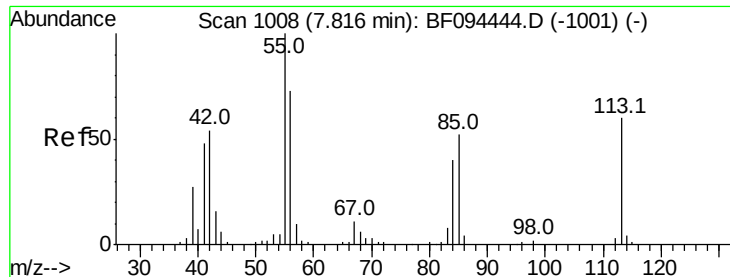
Tot Ion:127	Resp: 1009682
Ion Ratio	Lower Upper
127 100	
129 31.3	26.2 39.2
65 34.3	27.8 41.8
92 20.2	16.8 25.2



#34
Hexachlorobutadiene
Concen: 55.46 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF096213.D
Acq: 27 Jun 2017 12:44

Tgt	Ion:225	Resp:	313788
Ion	Ratio	Lower	Upper
225	100		
223	65.1	48.8	73.2
227	63.1	51.1	76.7





#35

Caprolactam

Concen: 62.85 ng

RT: 8.52 min Scan# 1093

Delta R.T. 0.08 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampleId :

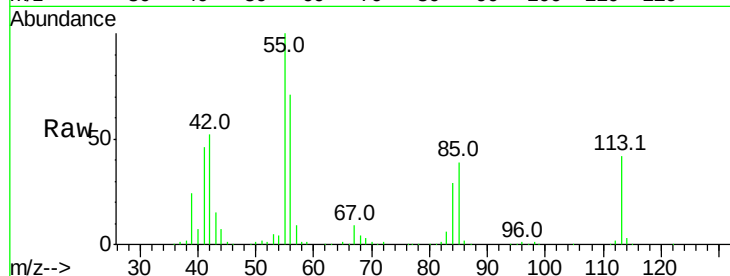
Tot Ion:113 Resp: 249591

Ion Ratio Lower Upper

113 100

55 236.8 150.2 190.2#

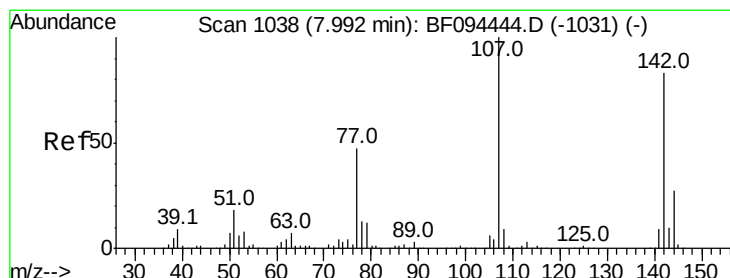
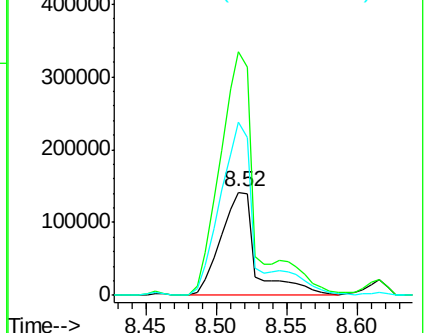
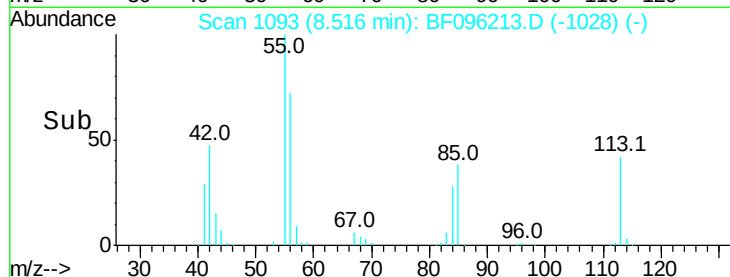
56 168.9 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 58.23 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.02 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

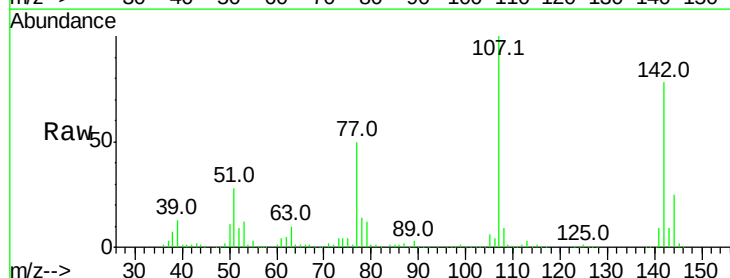
Tgt Ion:107 Resp: 728030

Ion Ratio Lower Upper

107 100

144 25.3 24.2 36.4

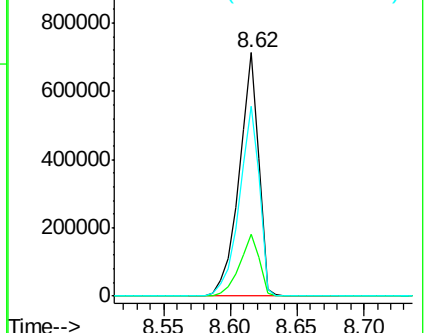
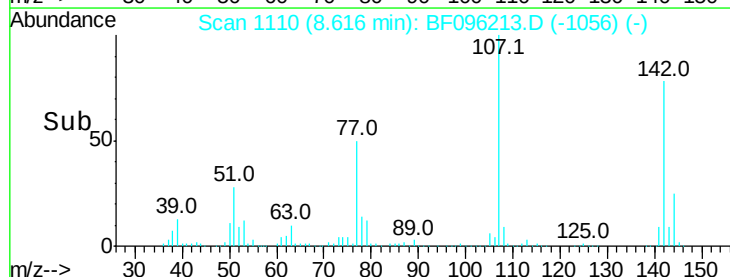
142 78.2 73.4 110.0

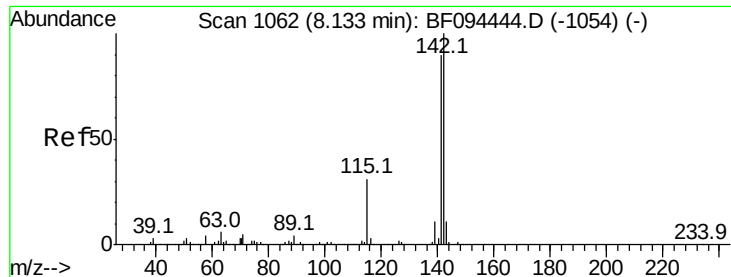


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 53.75 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampleId :

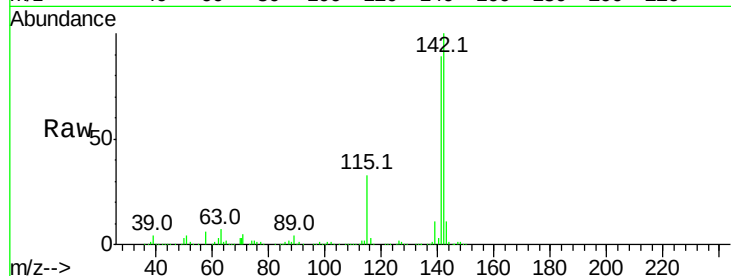
Tot Ion:142 Resp: 1529621

Ion Ratio Lower Upper

142 100

141 89.0 71.3 106.9

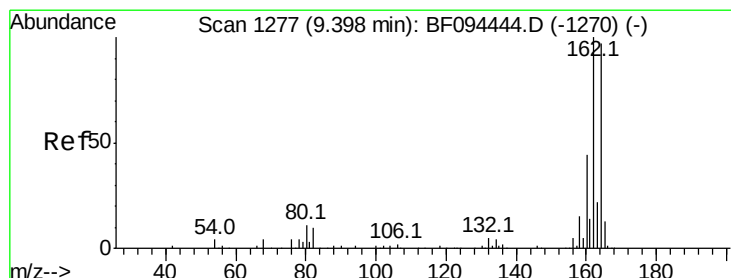
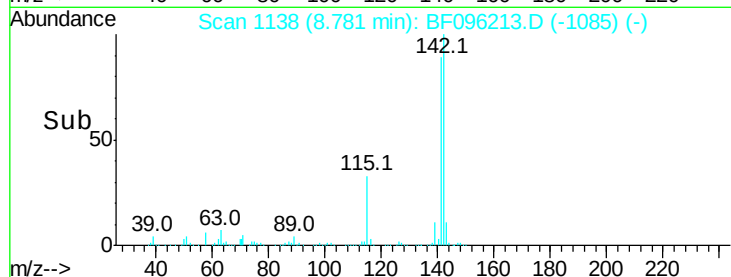
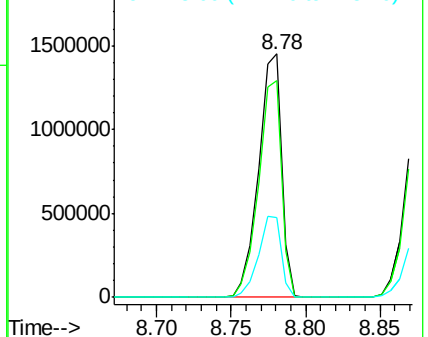
115 33.0 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

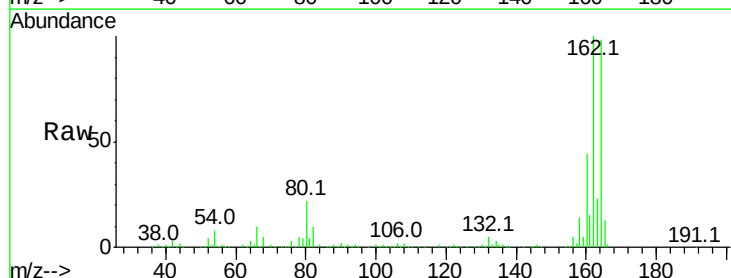
Tgt Ion:164 Resp: 391396

Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

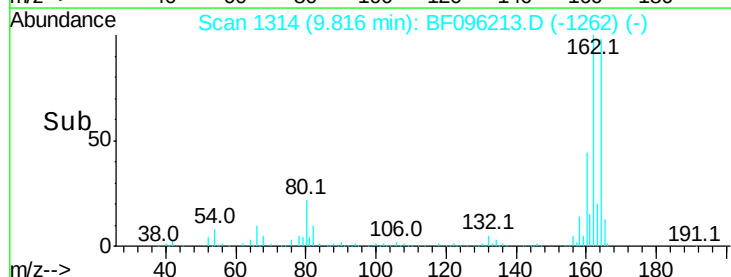
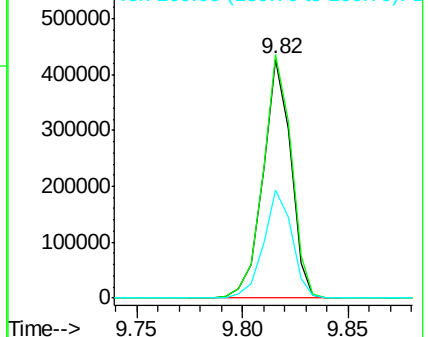
160 45.1 36.2 54.2

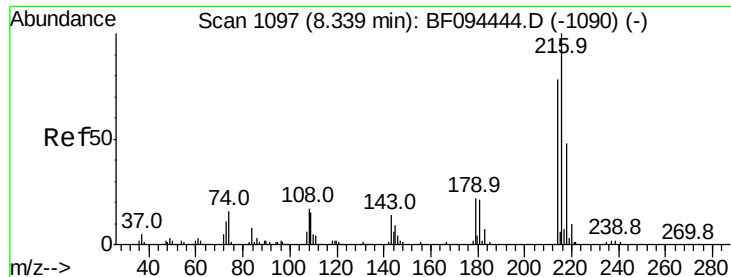


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

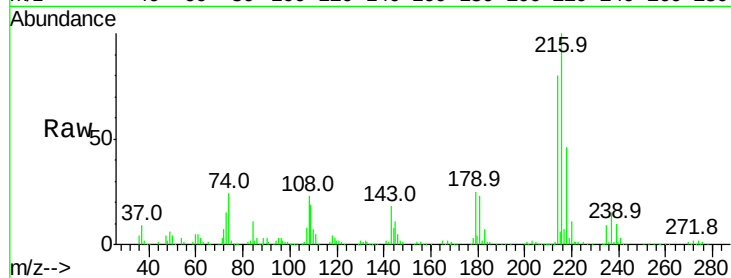




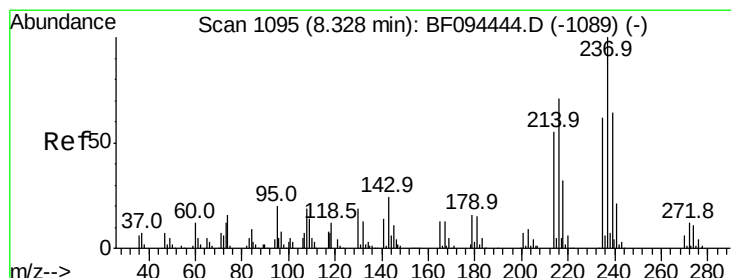
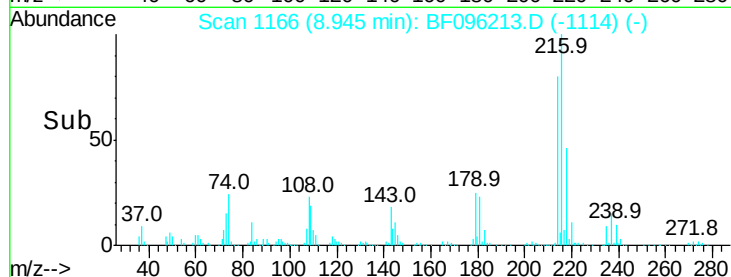
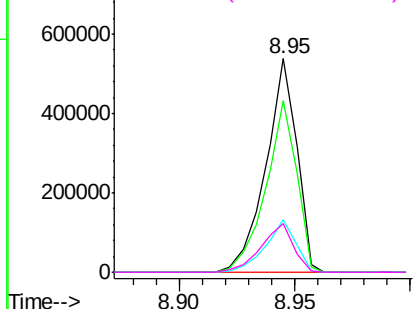
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.87 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	500873
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.2
179	24.0	17.9	26.9
108	23.9	16.5	24.7

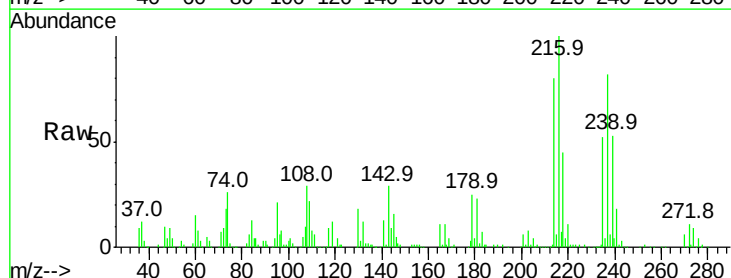


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

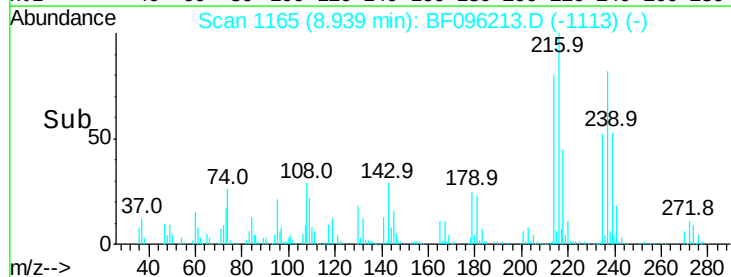
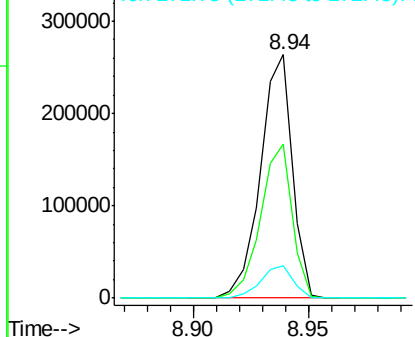


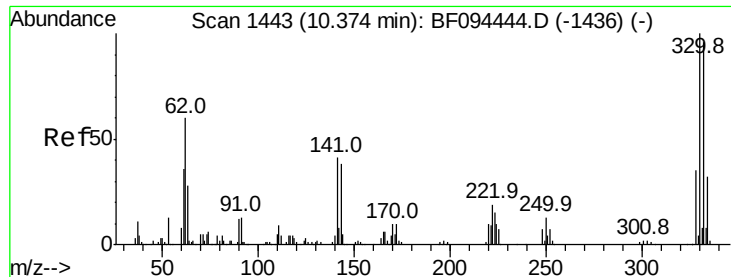
#40
 Hexachlorocyclopentadiene
 Concen: 59.72 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

Tgt Ion:	237	Resp:	253633
Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.6	82.6
272	13.2	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

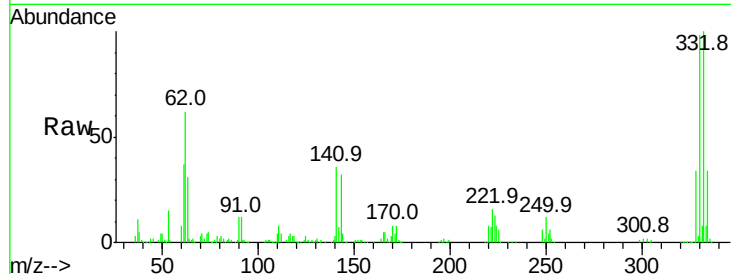




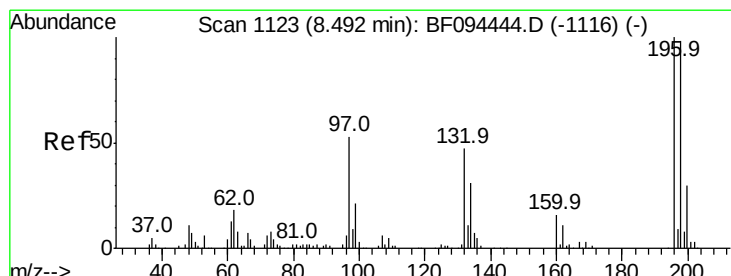
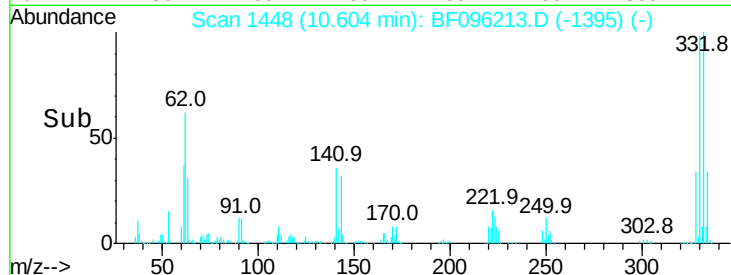
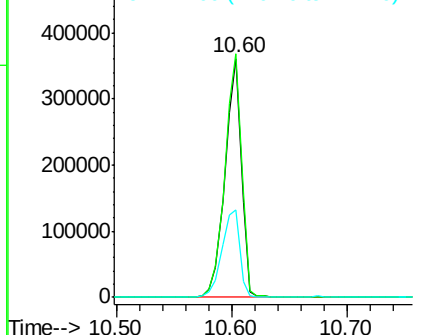
#41
 2,4,6-Tribromophenol
 Concen: 115.50 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.01 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 355755
 Ion Ratio Lower Upper
 330 100
 332 103.7 76.6 115.0
 141 39.8 31.4 47.2

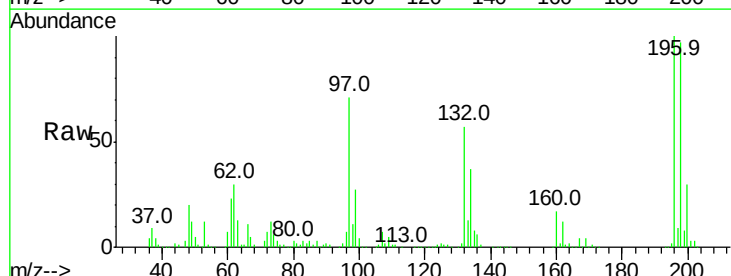


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

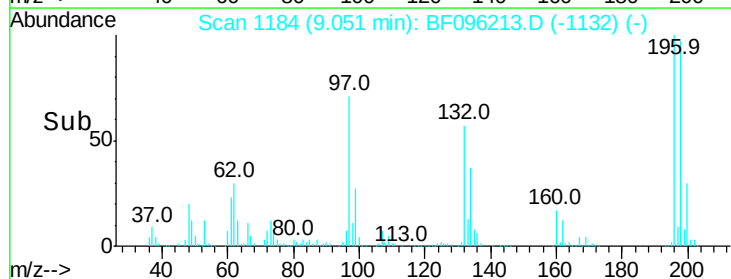
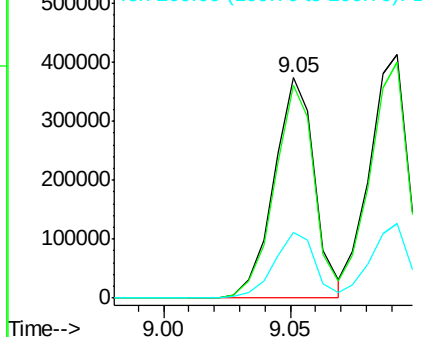


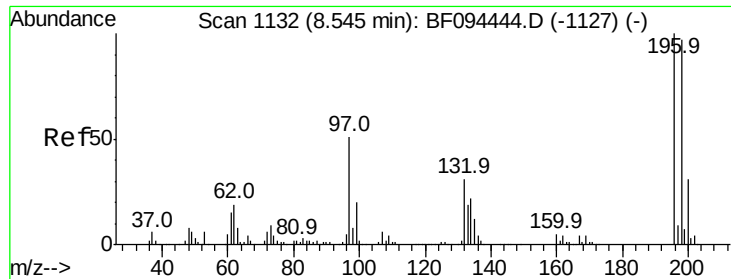
#42
 2,4,6-Trichlorophenol
 Concen: 58.56 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

Tgt Ion:196 Resp: 418210
 Ion Ratio Lower Upper
 196 100
 198 96.7 74.2 111.4
 200 29.7 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

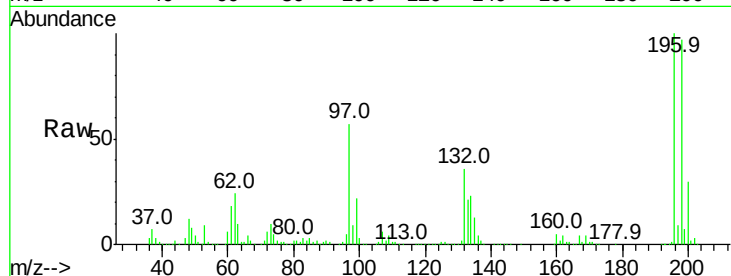




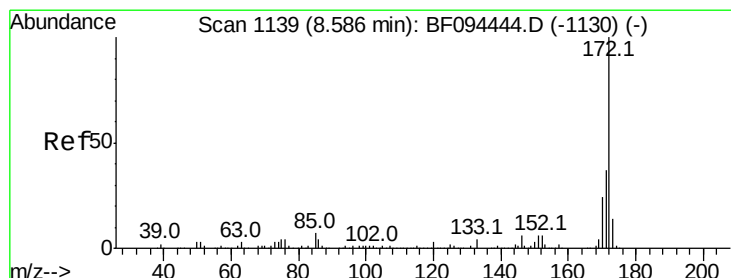
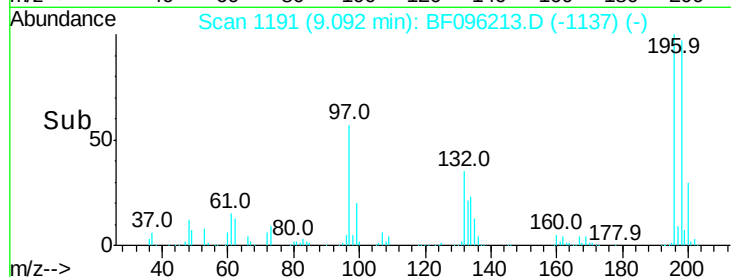
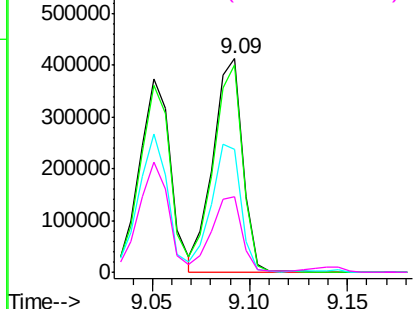
#43
 2,4,5-Trichlorophenol
 Concen: 57.85 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.02 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 435504
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.7 113.5
 97 57.2 47.7 71.5
 132 35.6 28.0 42.0

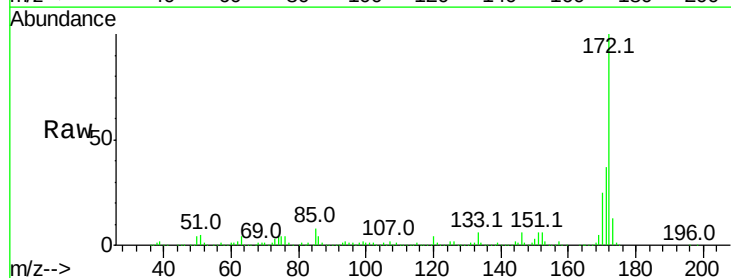


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

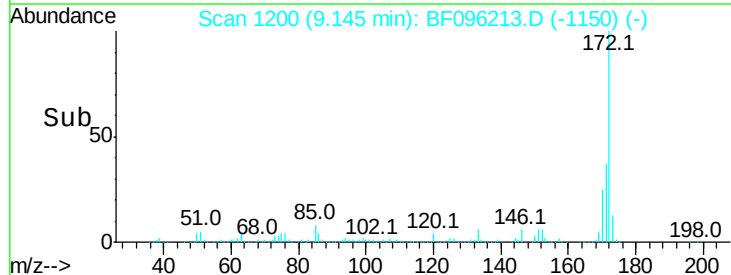
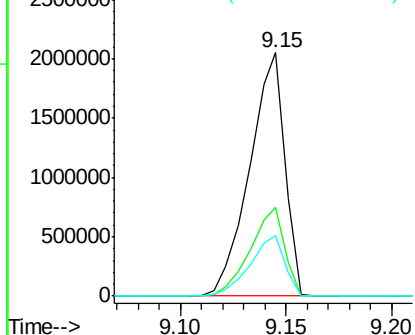


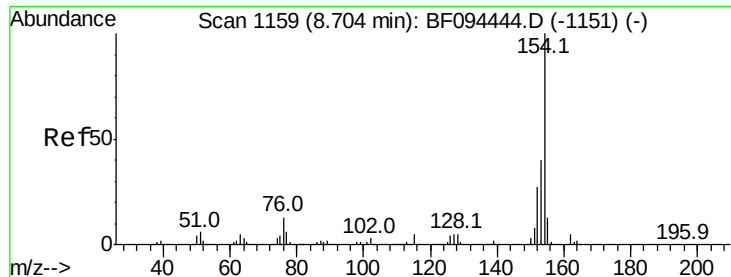
#44
 2-Fluorobiphenyl
 Concen: 111.06 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

Tgt Ion:172 Resp: 2373630
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 25.1 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: 54.05 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampleId :

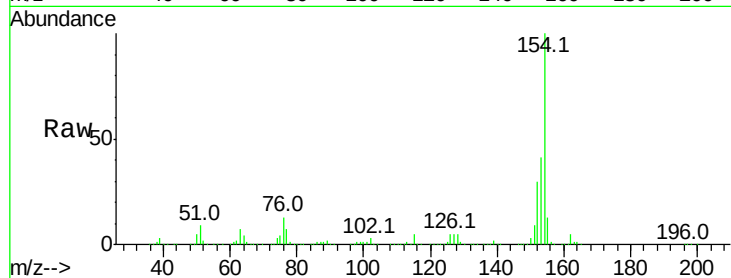
Tot Ion:154 Resp: 1623000

Ion Ratio Lower Upper

154 100

153 41.2 21.2 61.2

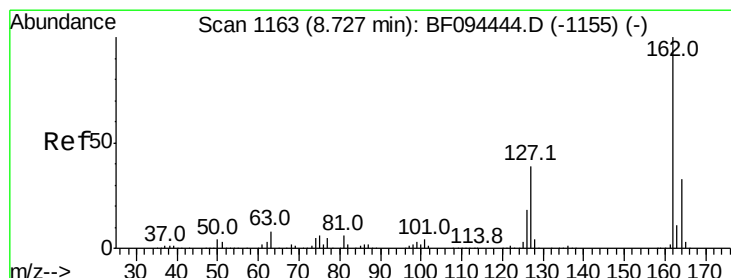
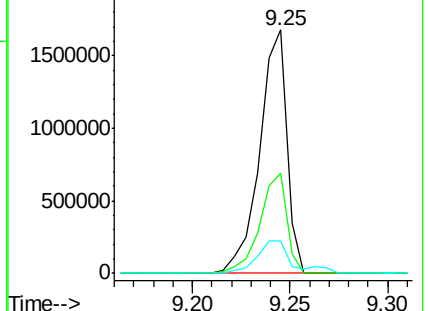
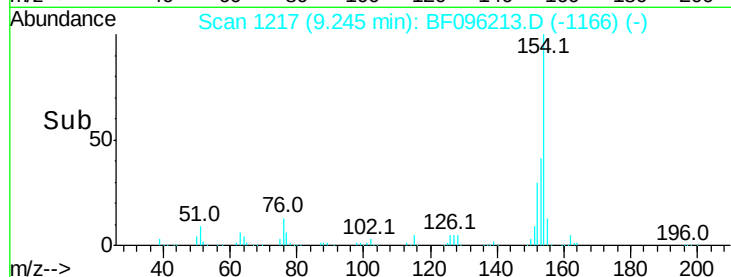
76 13.4 0.0 29.9



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: 52.78 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

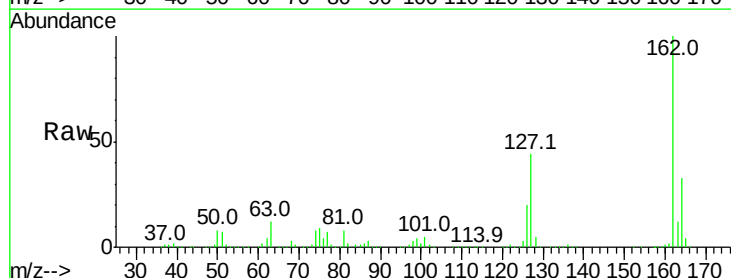
Tgt Ion:162 Resp: 1314742

Ion Ratio Lower Upper

162 100

127 43.6 28.3 42.5#

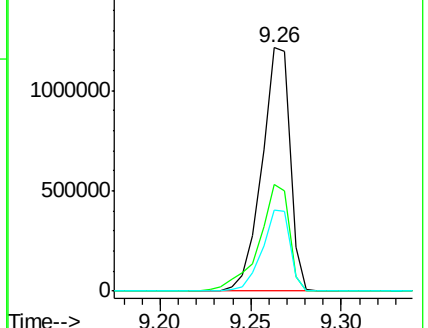
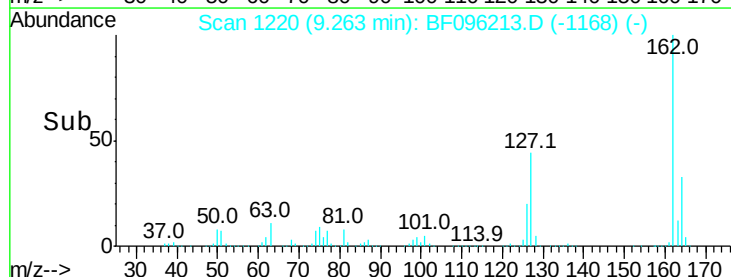
164 33.2 27.0 40.4

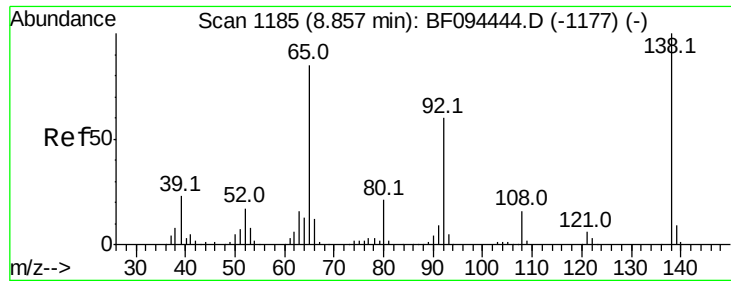


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

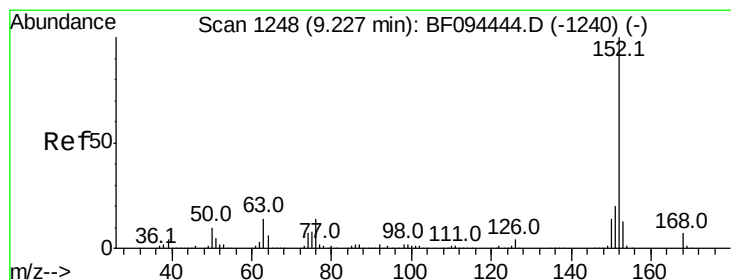
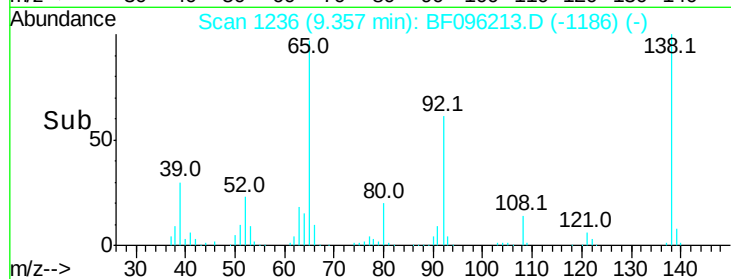
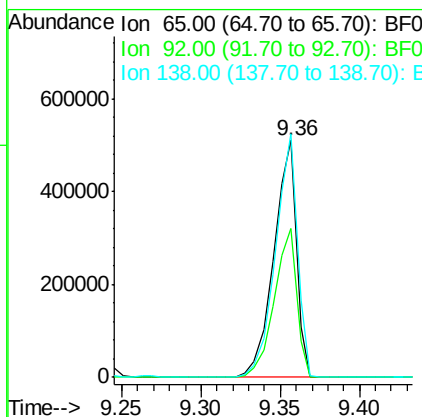
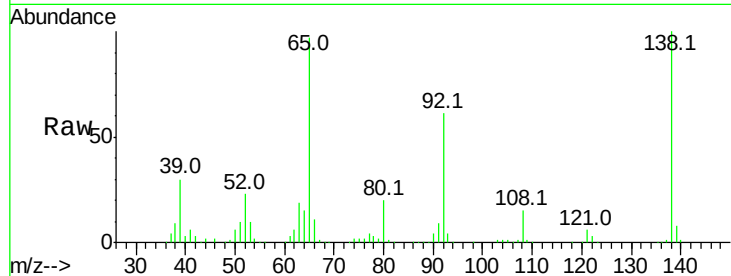




#47
 2-Nitroaniline
 Concen: 64.42 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

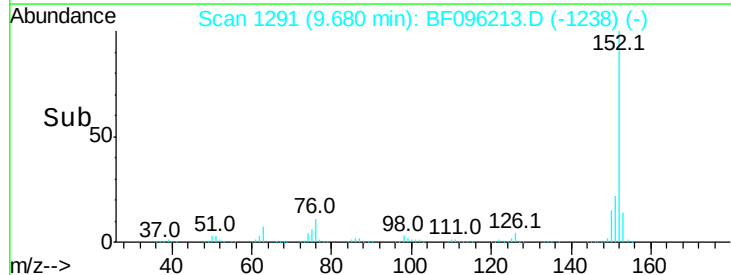
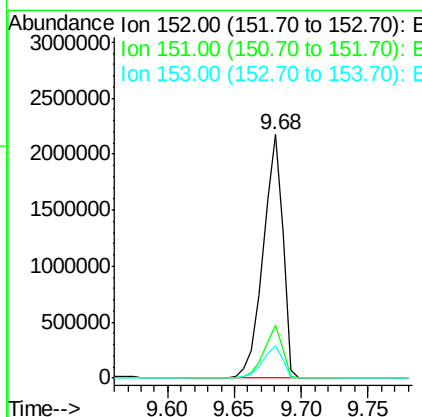
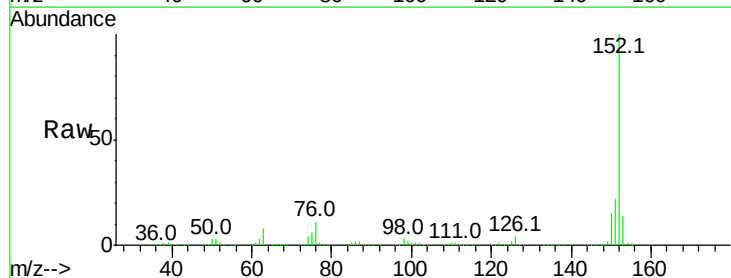
Instrument :
 BNA_F
 ClientSampleId :

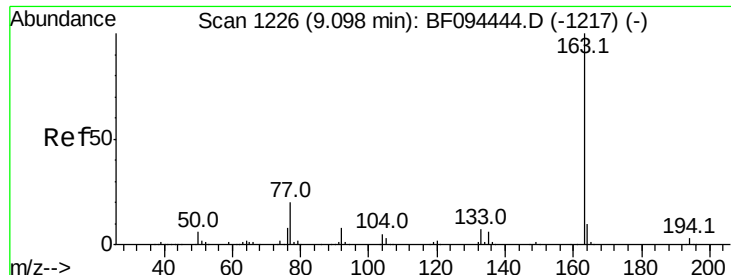
Tot Ion: 65 Resp: 506829
 Ion Ratio Lower Upper
 65 100
 92 62.9 53.9 80.9
 138 102.9 78.8 118.2



#48
 Acenaphthylene
 Concen: 53.16 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.01 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

Tgt Ion:152 Resp: 2197251
 Ion Ratio Lower Upper
 152 100
 151 21.5 16.8 25.2
 153 13.5 10.8 16.2



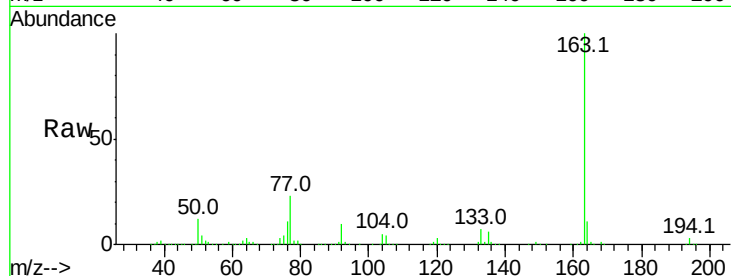


#49
 Dimethylphthalate
 Concen: 54.91 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.02 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

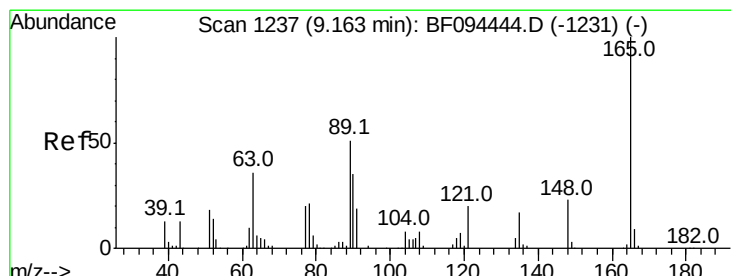
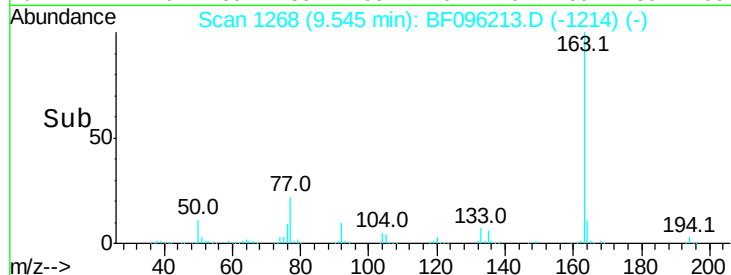
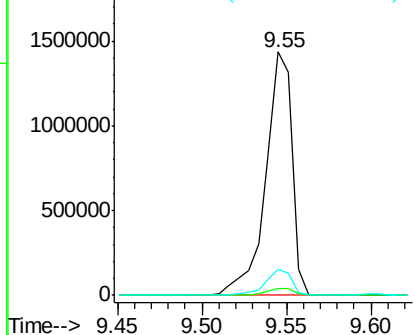
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 1538136

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.7	8.4	12.6



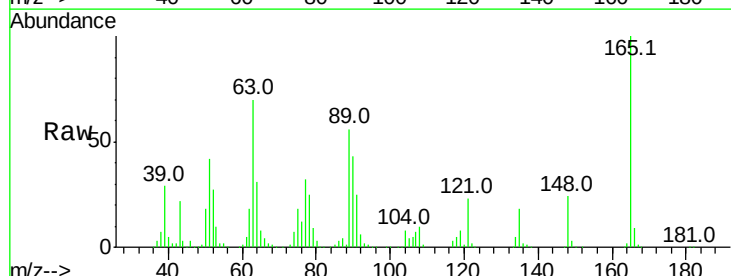
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E



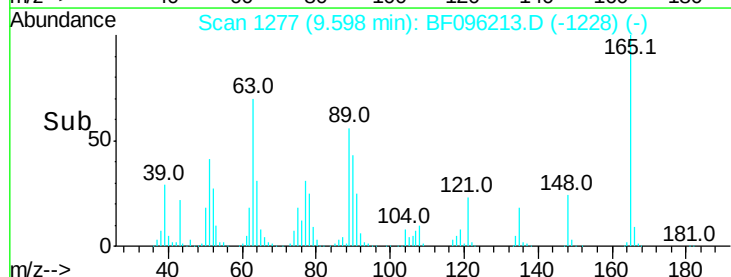
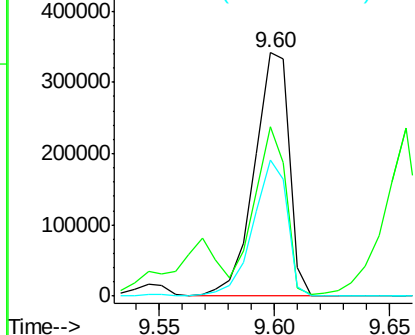
#50
 2,6-Dinitrotoluene
 Concen: 62.06 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

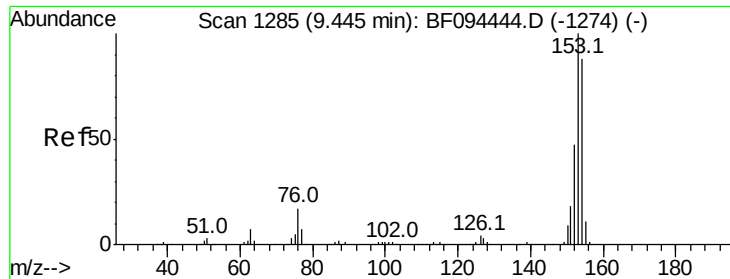
Tgt Ion:165 Resp: 361613

Ion	Ratio	Lower	Upper
165	100		
63	69.7	34.3	51.5#
89	55.9	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: 52.74 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampleId :

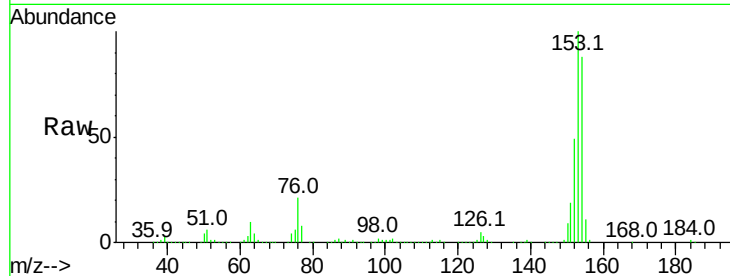
Tot Ion:154 Resp: 1282874

Ion Ratio Lower Upper

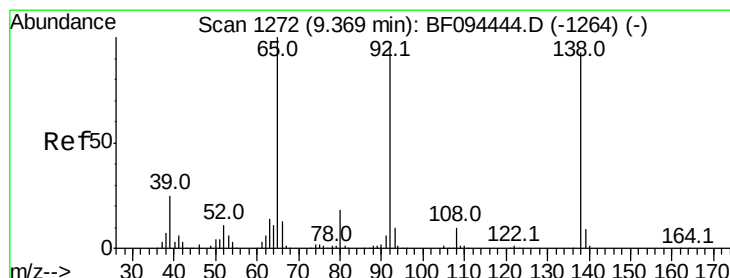
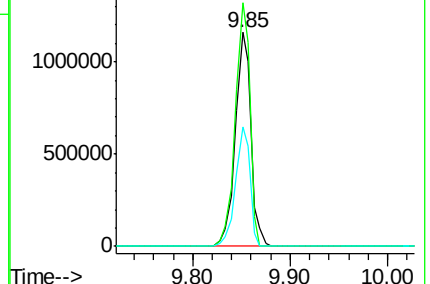
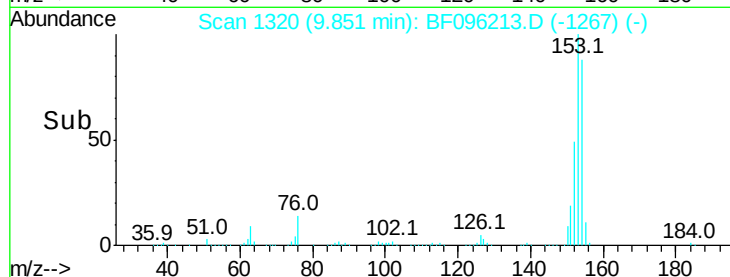
154 100

153 114.0 90.5 135.7

152 56.0 43.6 65.4



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



#52

3-Nitroaniline

Concen: 59.88 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

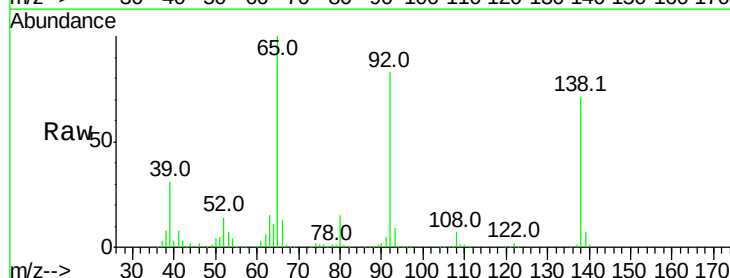
Tgt Ion:138 Resp: 446840

Ion Ratio Lower Upper

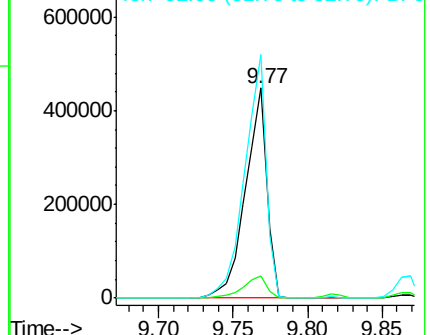
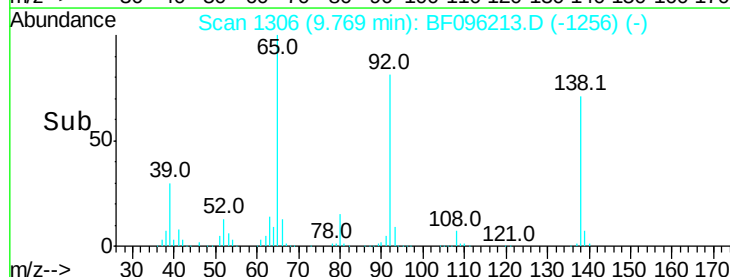
138 100

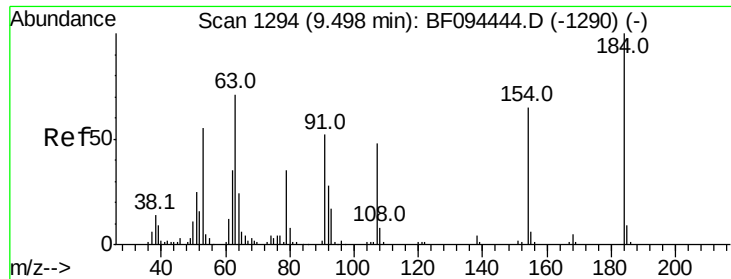
108 10.5 9.1 13.7

92 115.9 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

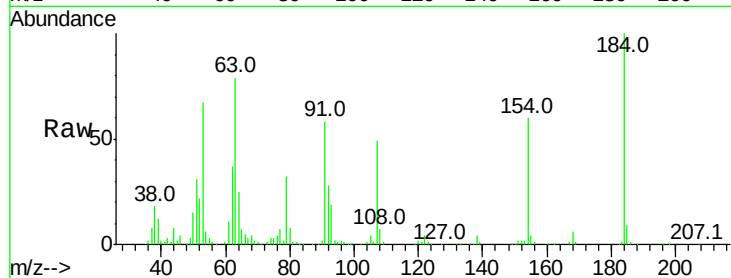




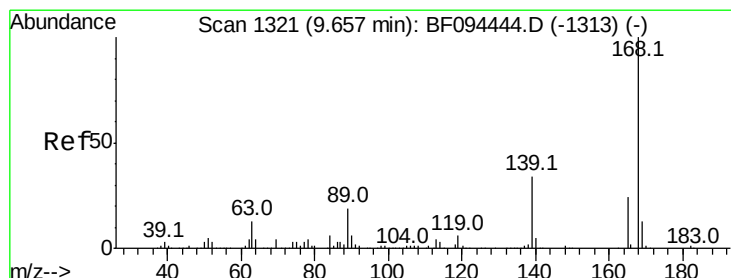
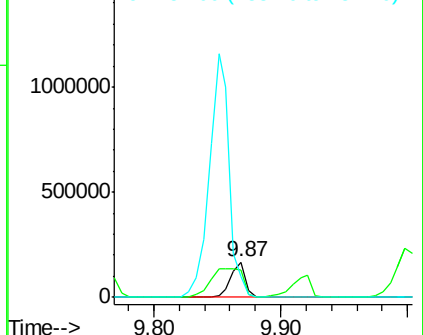
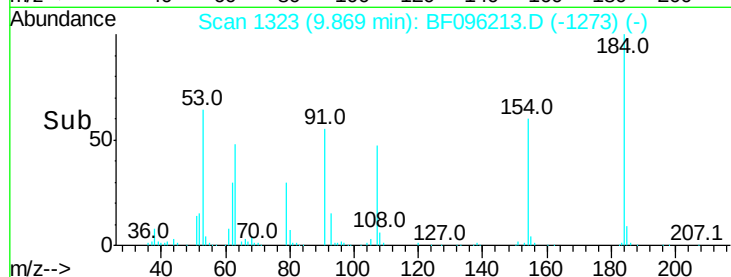
#53
2,4-Dinitrophenol
Concen: 60.37 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF096213.D
Acq: 27 Jun 2017 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 134029
Ion Ratio Lower Upper
184 100
63 79.2 62.7 94.1
154 60.4 81.1 121.7#

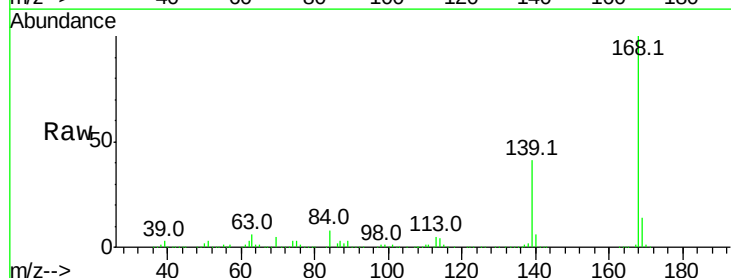


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

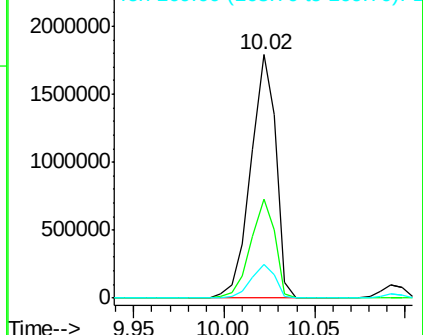
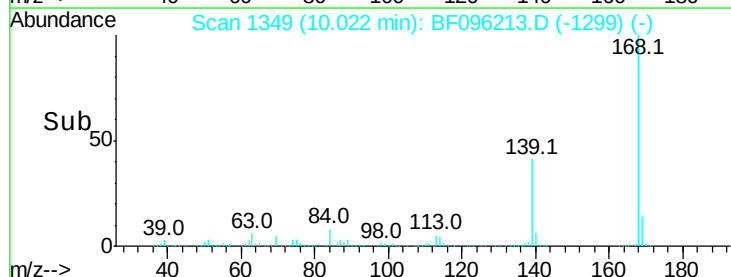


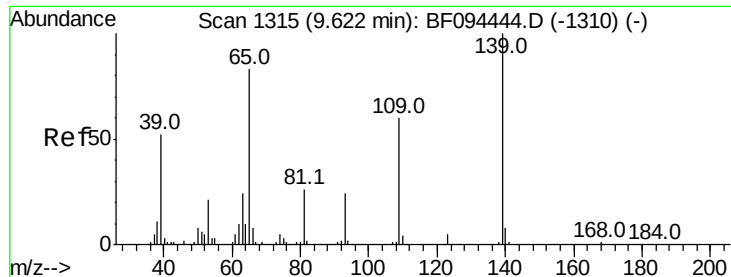
#54
Dibenzofuran
Concen: 54.31 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF096213.D
Acq: 27 Jun 2017 12:44

Tgt Ion:168 Resp: 1725288
Ion Ratio Lower Upper
168 100
139 40.8 30.6 45.8
169 13.7 10.8 16.2



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





#55

4-Nitrophenol

Concen: 61.99 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampleId :

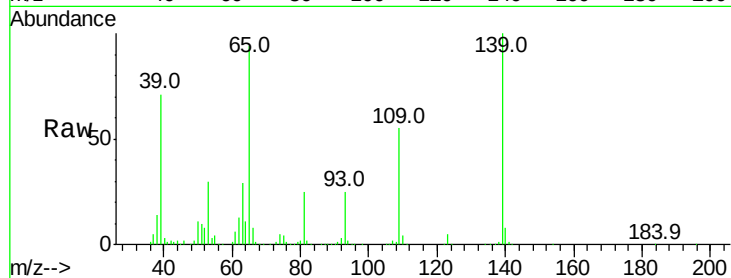
Tot Ion:139 Resp: 373990

Ion Ratio Lower Upper

139 100

109 54.7 34.1 74.1

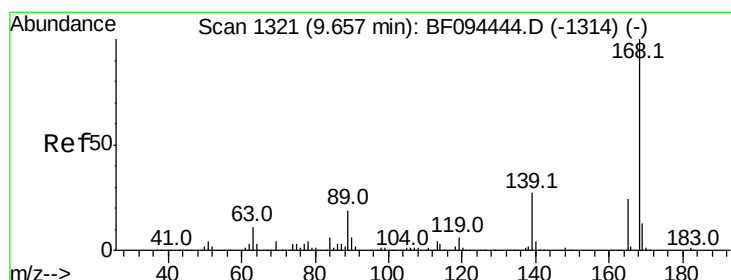
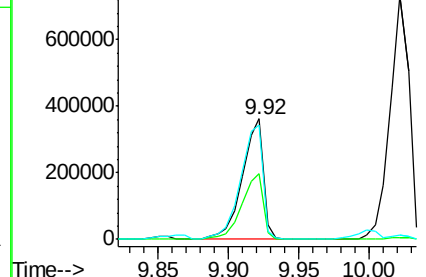
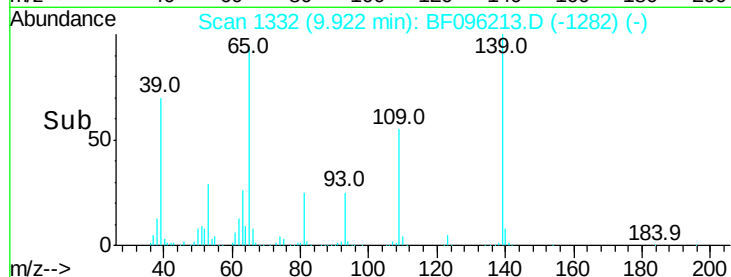
65 94.5 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 63.11 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Tgt Ion:165 Resp: 463475

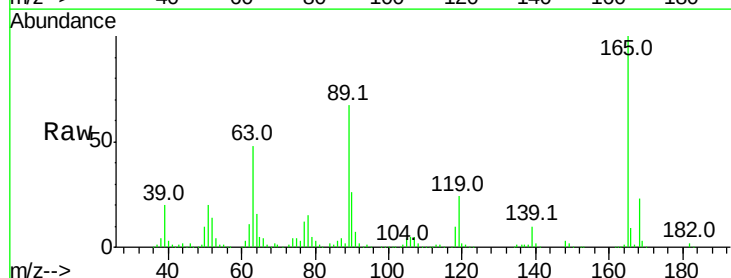
Ion Ratio Lower Upper

165 100

63 48.1 25.4 38.0#

89 66.7 46.4 69.6

182 1.9 1.8 2.6

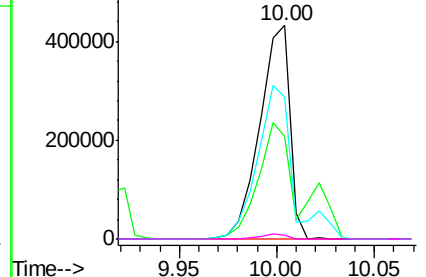
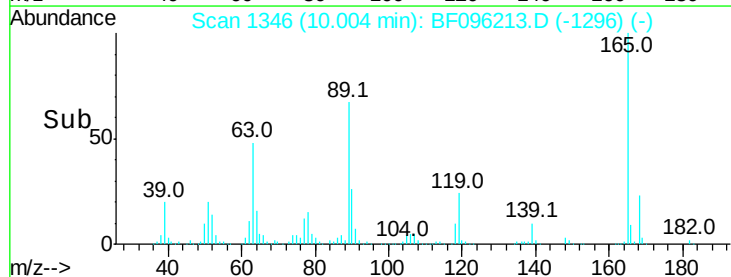


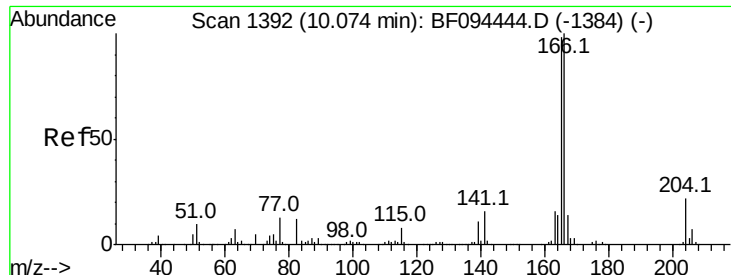
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 56.12 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampled :

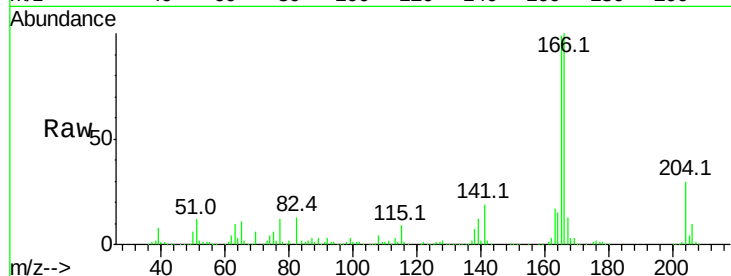
Tot Ion:166 Resp: 1227568

Ion Ratio Lower Upper

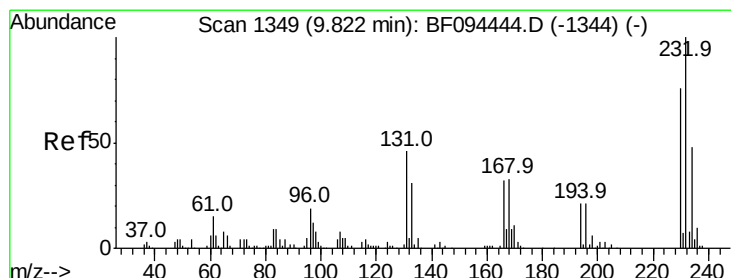
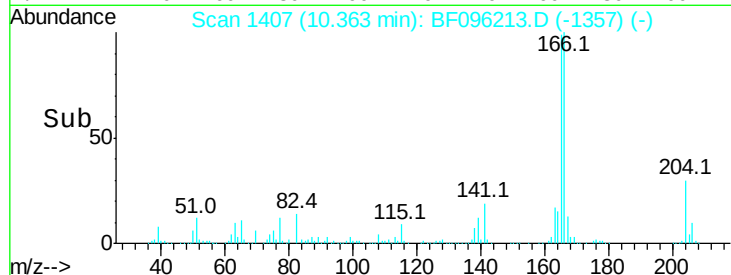
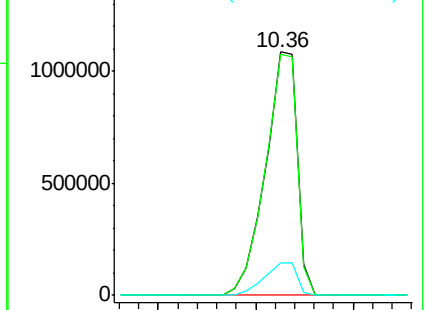
166 100

165 98.9 78.8 118.2

167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.83 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Tgt Ion:232 Resp: 304111

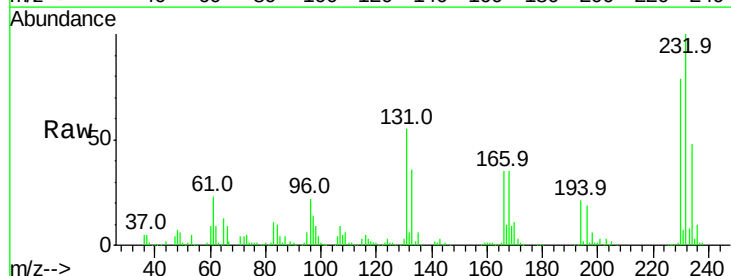
Ion Ratio Lower Upper

232 100

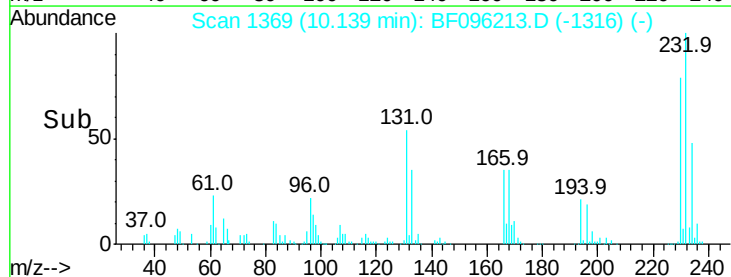
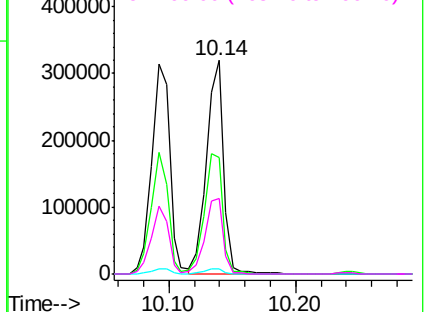
131 59.2 44.8 67.2

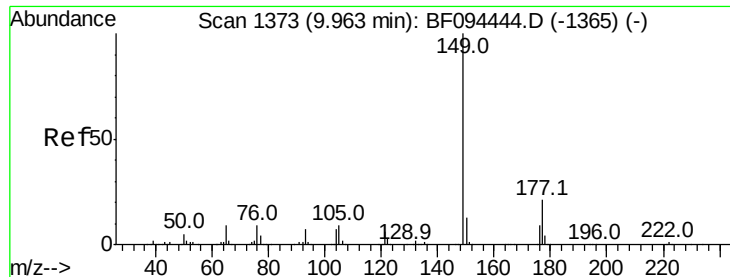
130 2.6 2.3 3.5

166 37.1 29.0 43.4



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 54.62 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.02 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampleId :

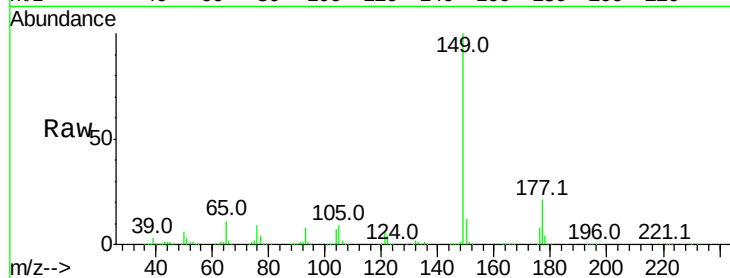
Tot Ion:149 Resp: 1536144

Ion Ratio Lower Upper

149 100

177 21.1 16.7 25.1

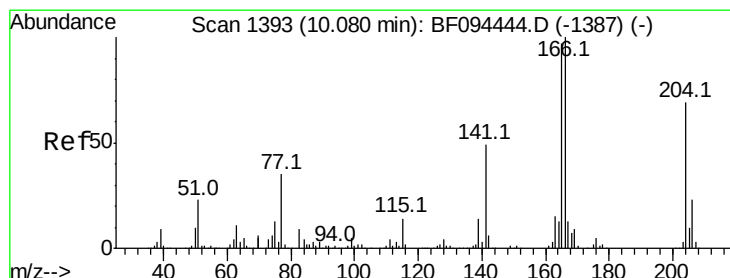
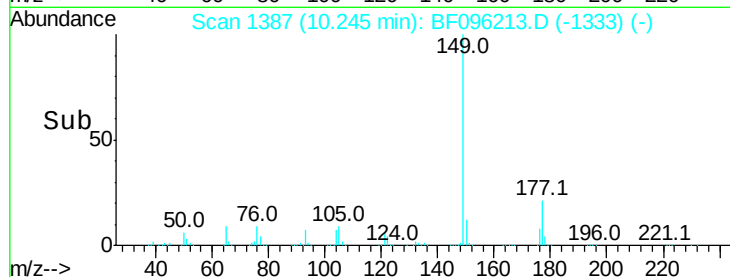
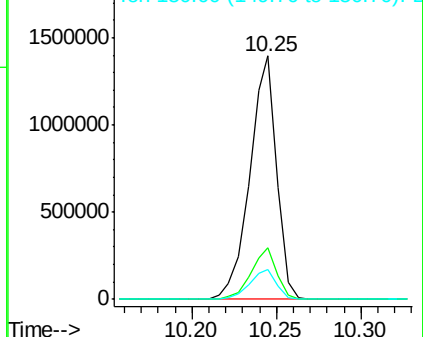
150 12.4 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 55.57 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

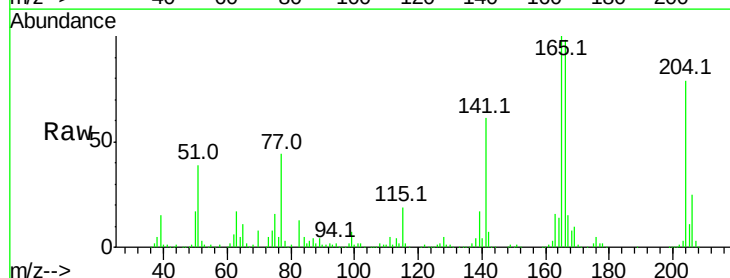
Tgt Ion:204 Resp: 489878

Ion Ratio Lower Upper

204 100

206 32.2 26.2 39.2

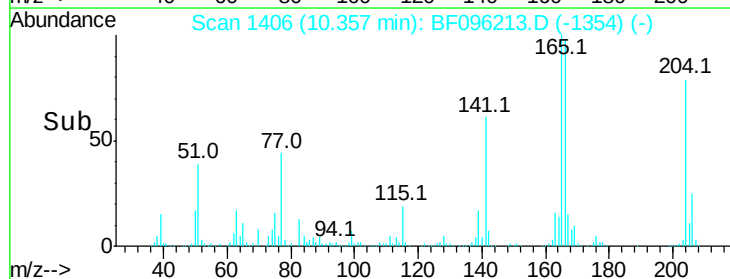
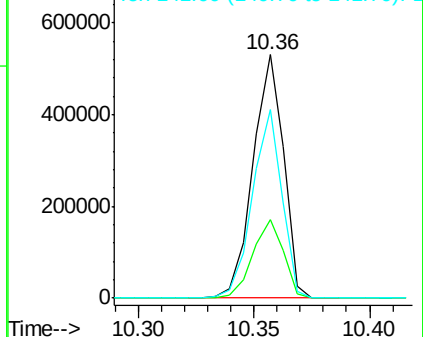
141 77.3 60.8 91.2

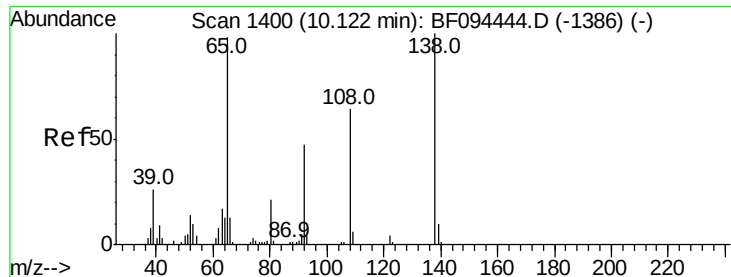


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

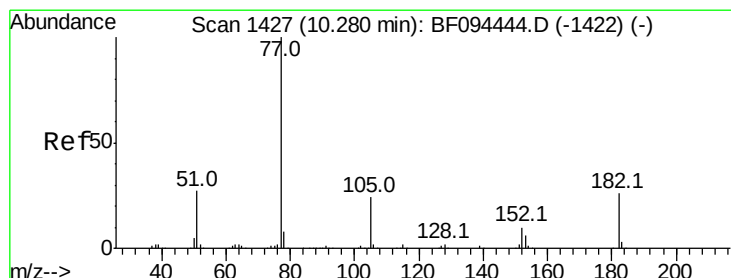
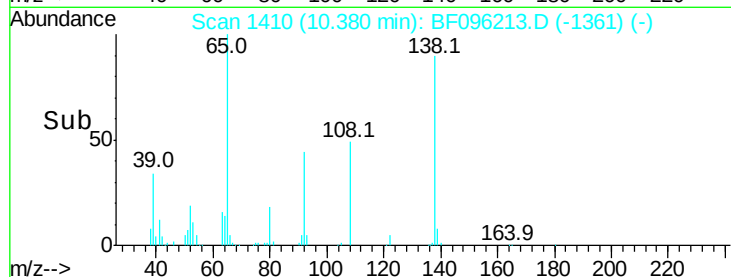
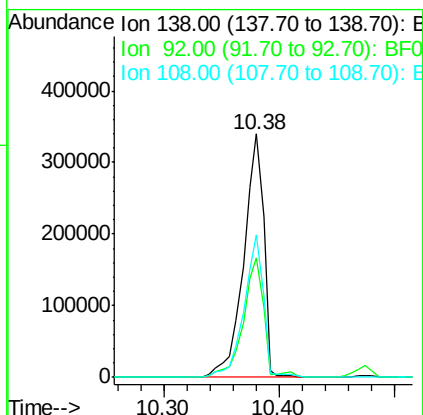
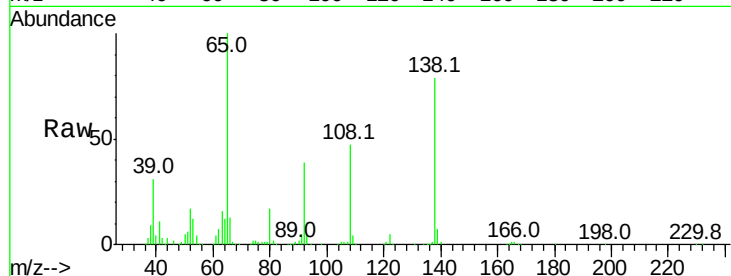




#61
4-Nitroaniline
Concen: 62.80 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF096213.D
Acq: 27 Jun 2017 12:44

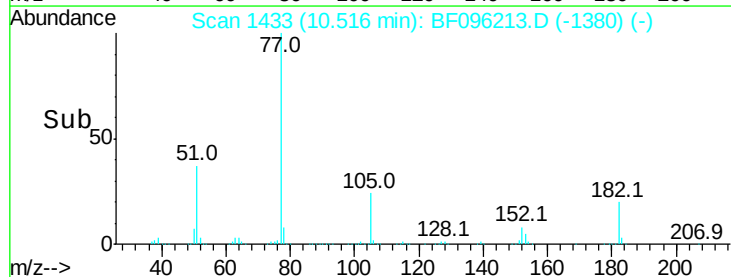
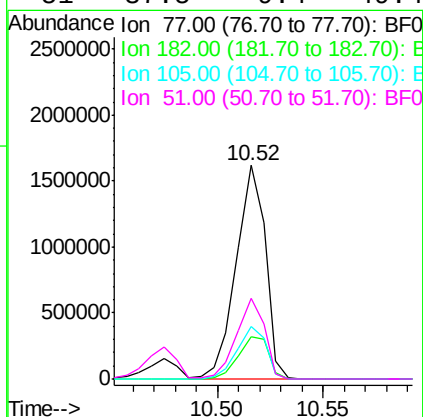
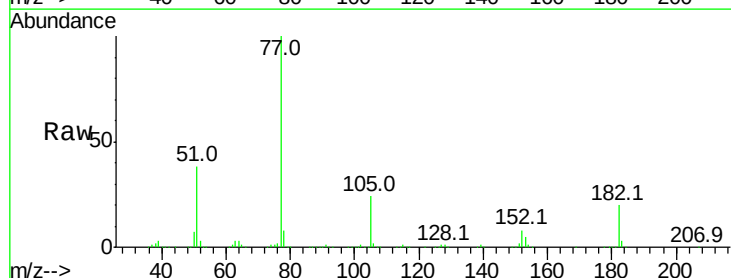
Instrument :
BNA_F
ClientSampled :

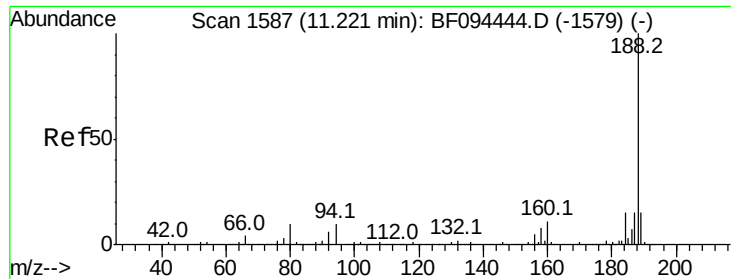
Tot Ion:138 Resp: 407624
Ion Ratio Lower Upper
138 100
92 49.3 21.8 61.8
108 58.7 42.3 82.3



#62
Azobenzene
Concen: 54.58 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF096213.D
Acq: 27 Jun 2017 12:44

Tgt Ion: 77 Resp: 1548032
Ion Ratio Lower Upper
77 100
182 20.0 0.1 40.1
105 24.4 3.6 43.6
51 37.5 9.4 49.4

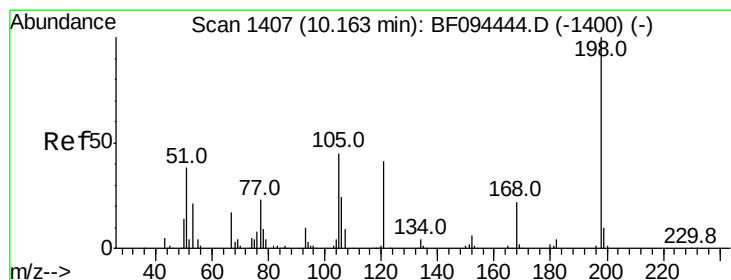
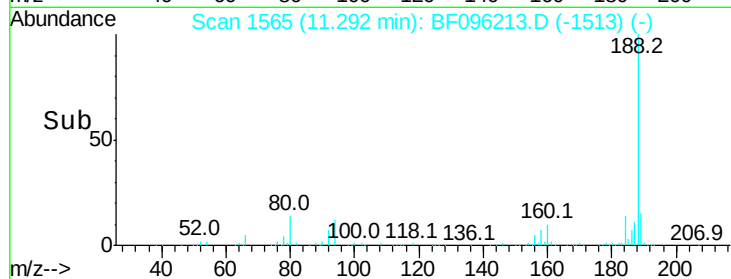
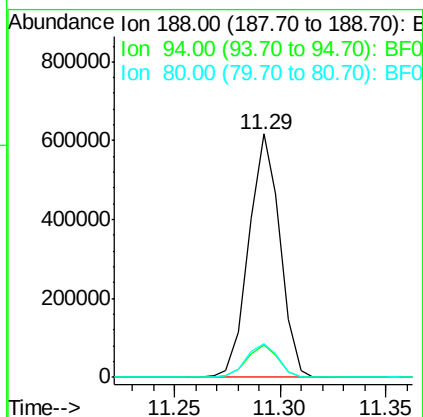
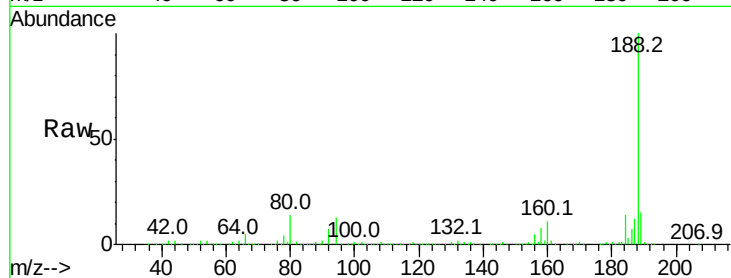




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

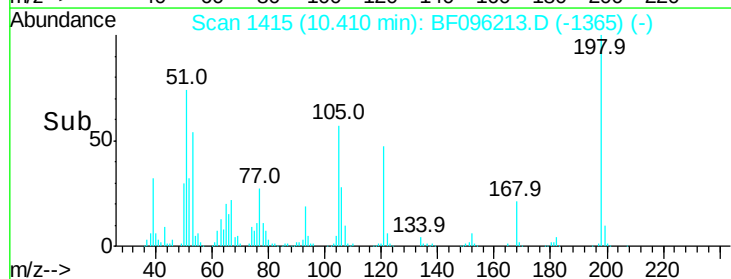
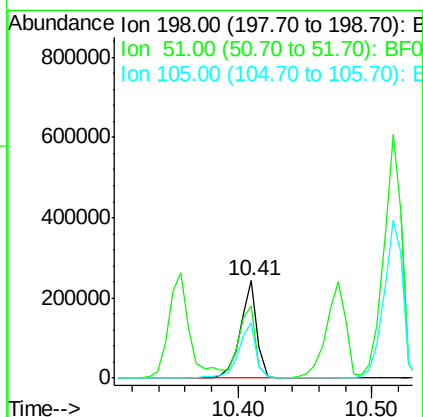
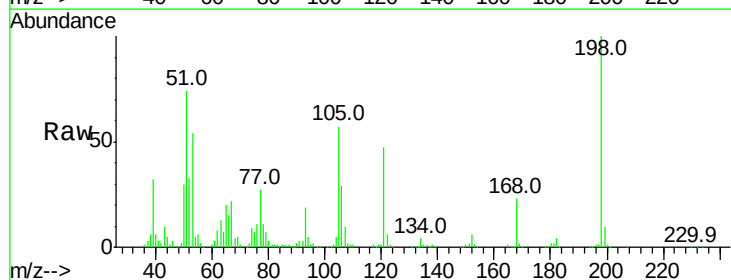
Instrument :
 BNA_F
 ClientSampleId :

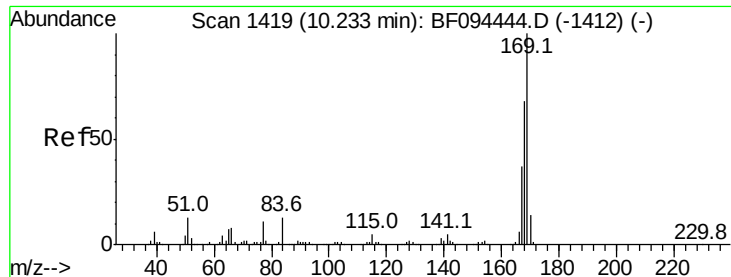
Tot Ion:188 Resp: 630781
 Ion Ratio Lower Upper
 188 100
 94 13.5 9.4 14.2
 80 13.9 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 60.17 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

Tgt Ion:198 Resp: 208157
 Ion Ratio Lower Upper
 198 100
 51 73.6 53.2 93.2
 105 56.7 45.8 85.8

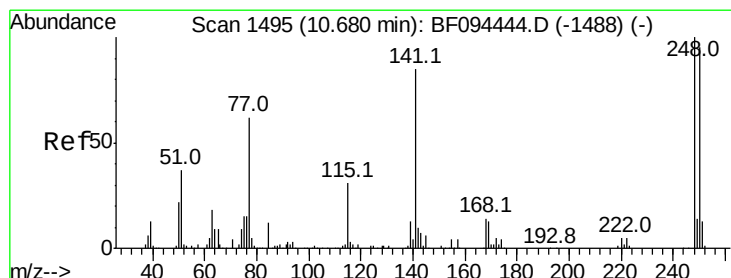
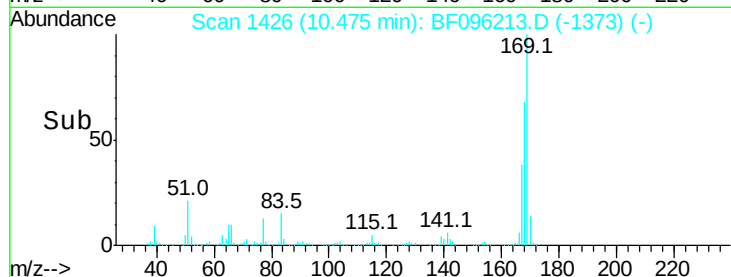
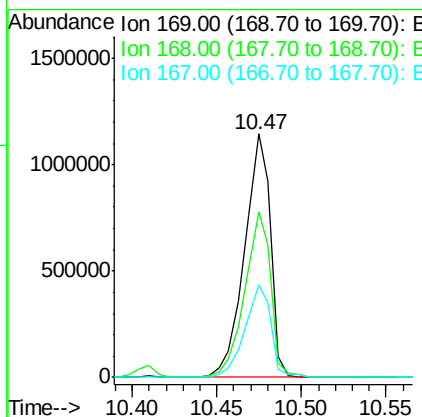
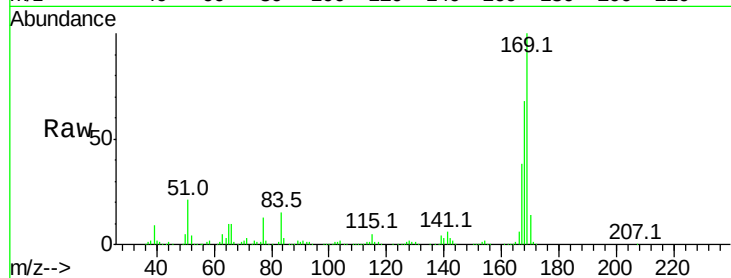




#65
 n-Nitrosodiphenylamine
 Concen: 53.96 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

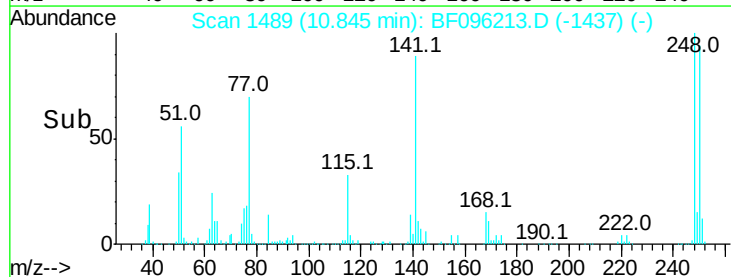
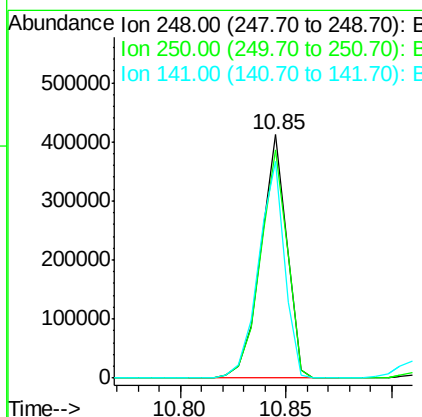
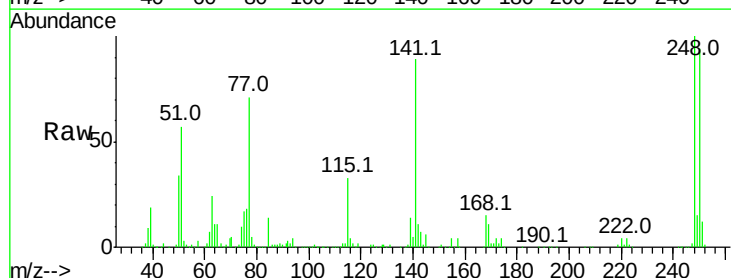
Instrument :
 BNA_F
 ClientSampleId :

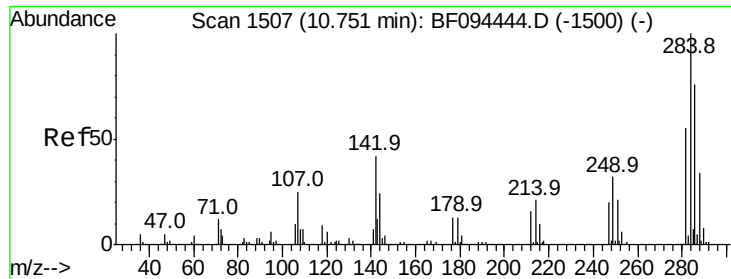
Tot Ion:169 Resp: 1224224
 Ion Ratio Lower Upper
 169 100
 168 68.0 53.2 79.8
 167 38.1 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 54.85 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. 0.01 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

Tgt Ion:248 Resp: 356007
 Ion Ratio Lower Upper
 248 100
 250 93.6 76.8 115.2
 141 89.2 68.6 103.0

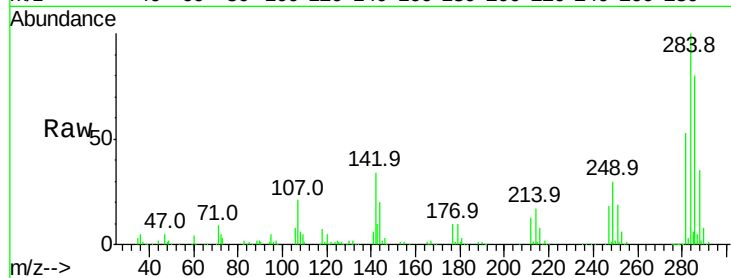




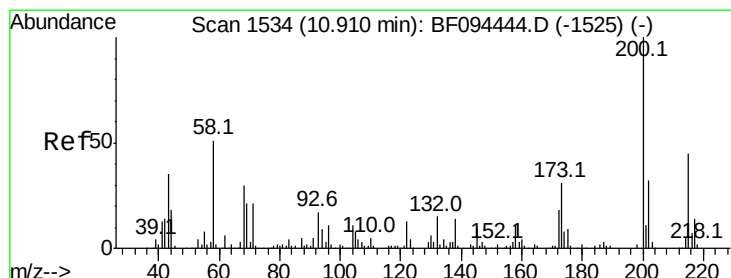
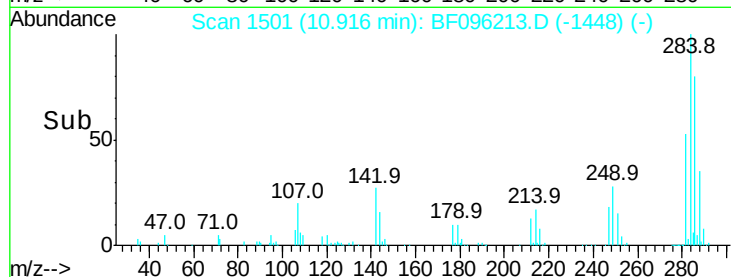
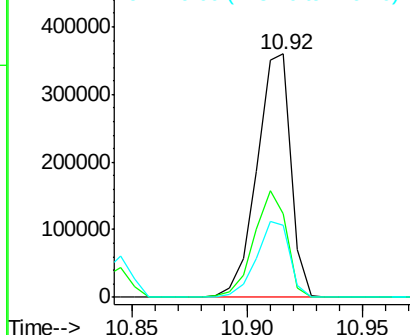
#67
Hexachlorobenzene
Concen: 55.15 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.01 min
Lab File: BF096213.D
Acq: 27 Jun 2017 12:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.2	22.8	34.2
249	29.8	24.0	36.0

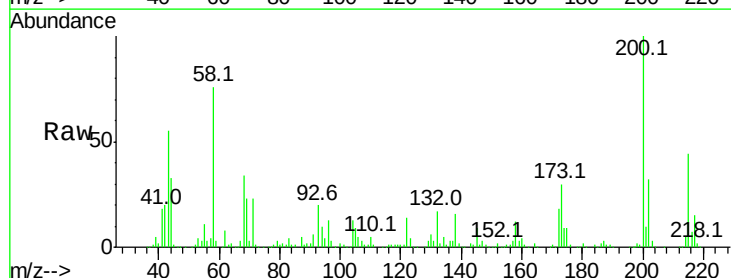


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

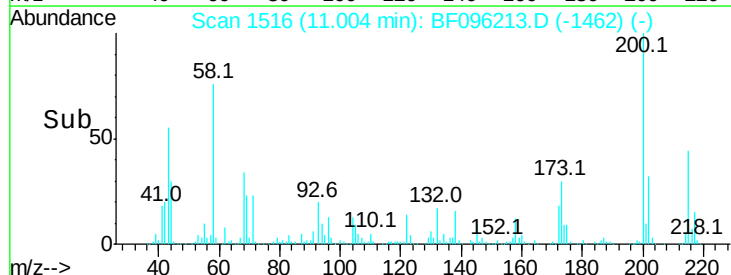
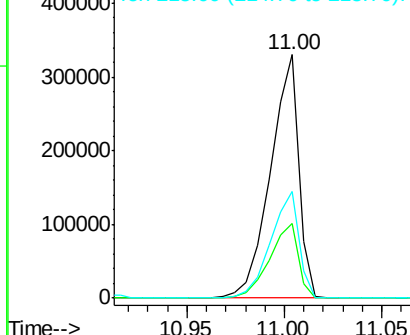


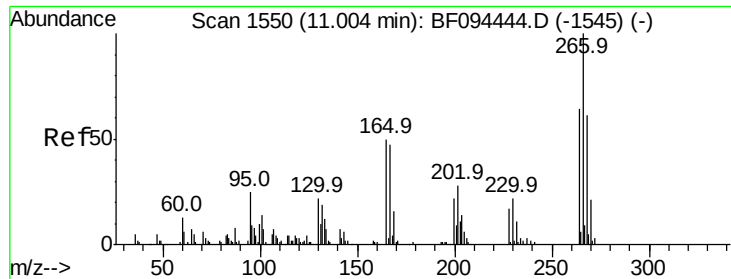
#68
Atrazine
Concen: 55.38 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.02 min
Lab File: BF096213.D
Acq: 27 Jun 2017 12:44

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.4	6.3	46.3
215	43.8	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: 63.43 ng

RT: 11.10 min Scan# 1532

Delta R.T. 0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampleId :

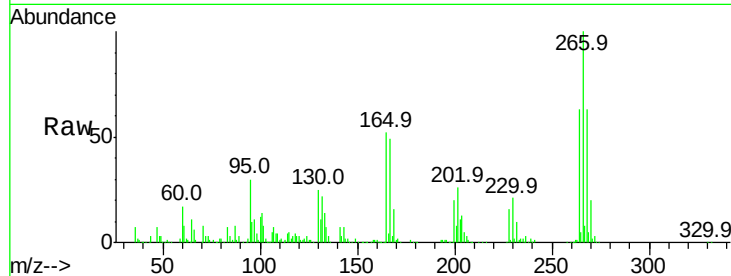
Tot Ion:266 Resp: 241590

Ion Ratio Lower Upper

266 100

268 62.8 51.1 76.7

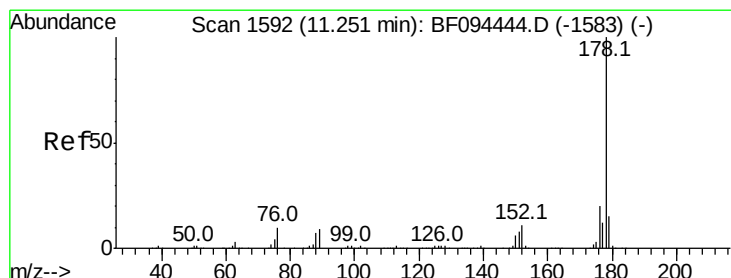
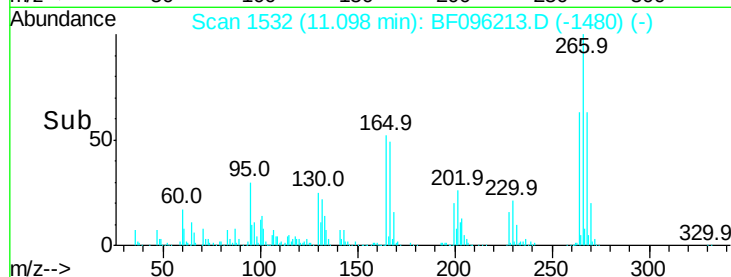
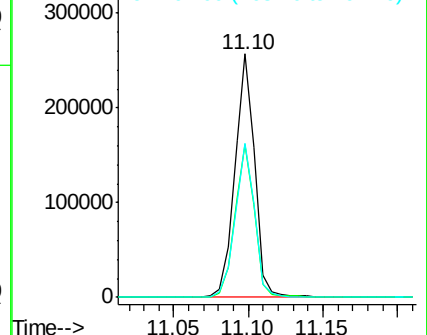
264 63.4 51.7 77.5



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: 61.46 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

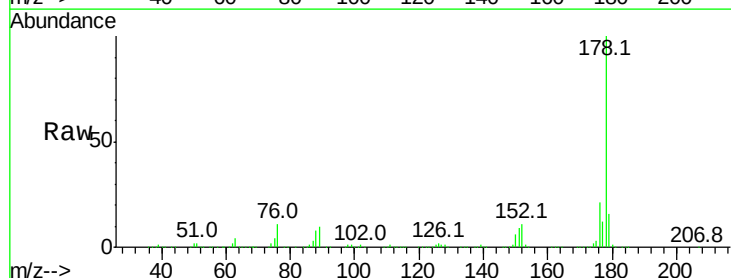
Tgt Ion:178 Resp: 1855504

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

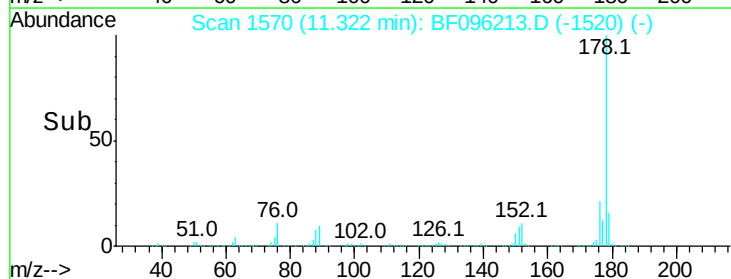
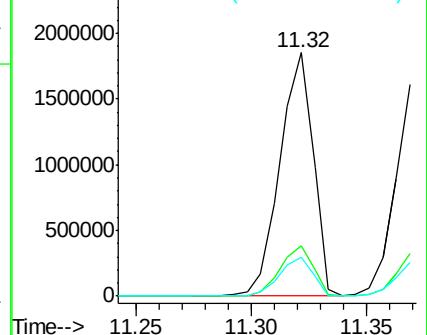
179 15.7 12.6 19.0

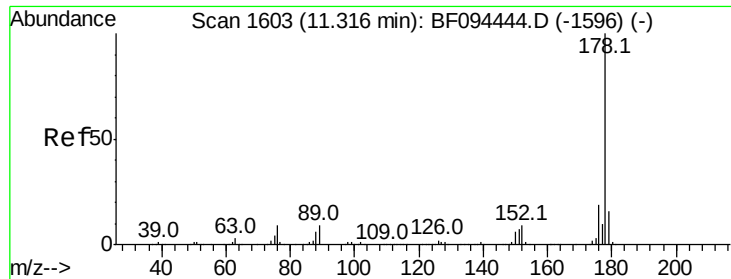


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

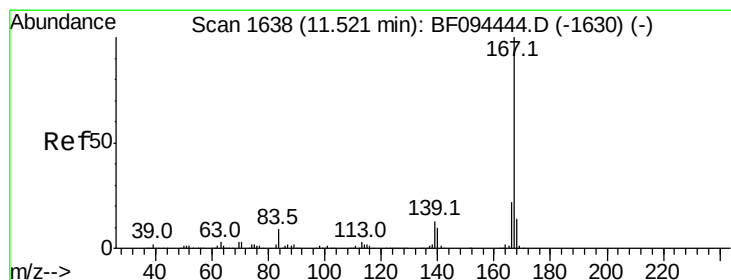
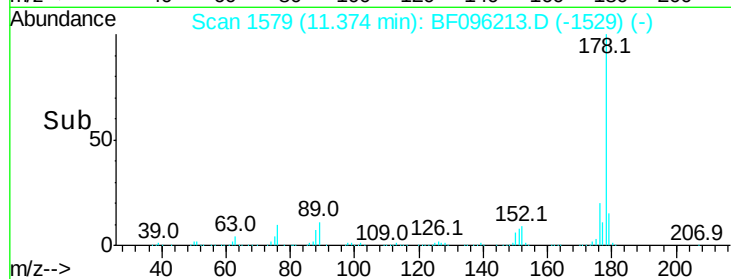
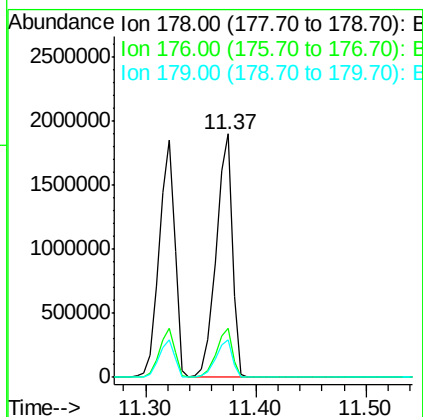
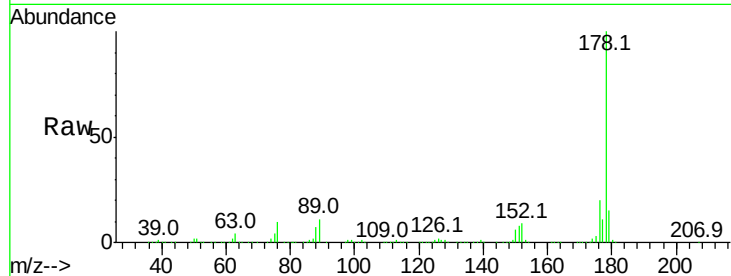




#71
 Anthracene
 Concen: 54.53 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

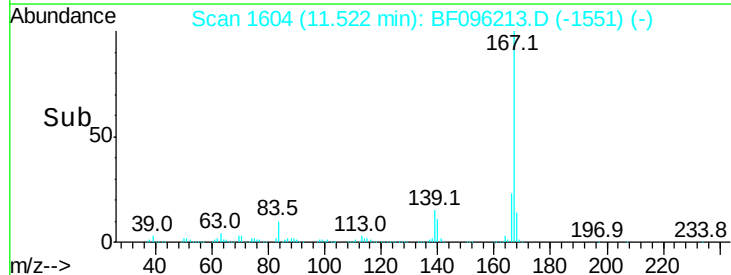
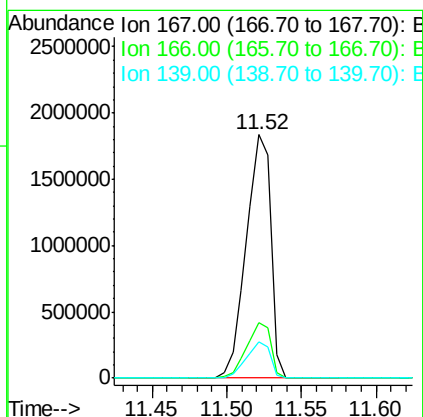
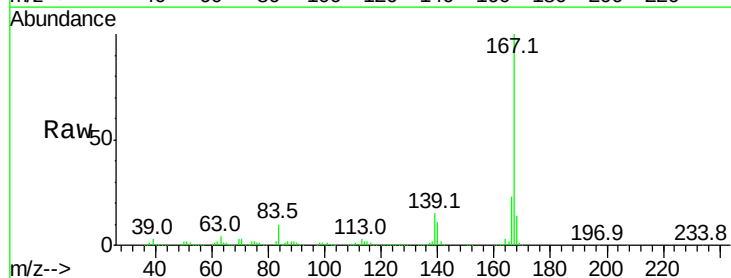
Instrument :
 BNA_F
 ClientSampled :

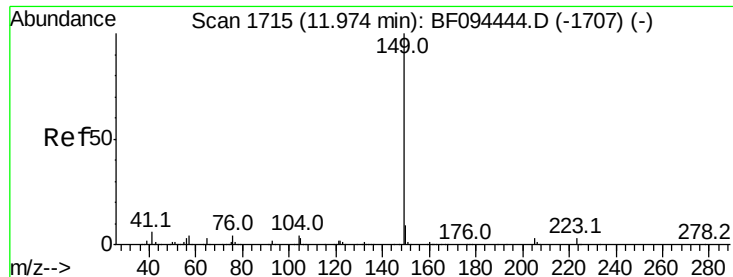
Tot Ion:178 Resp: 1922127
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 53.55 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

Tgt Ion:167 Resp: 2083764
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 14.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 54.81 ng

RT: 11.86 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampleId :

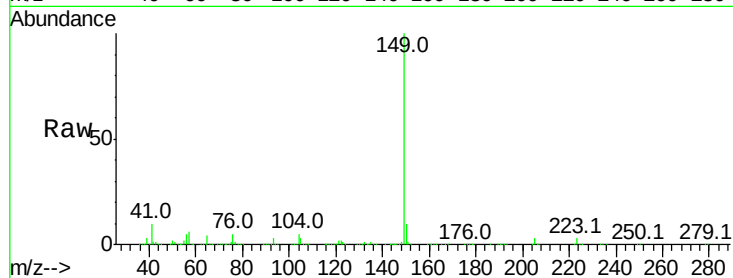
Tot Ion:149 Resp: 2252033

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

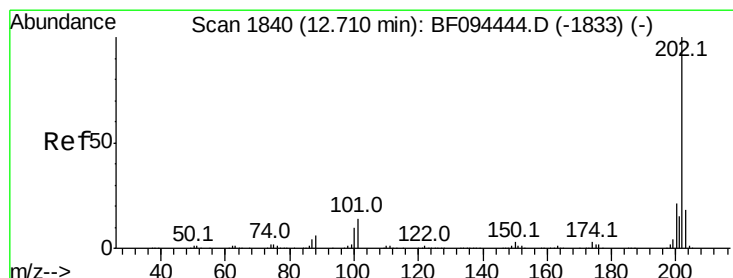
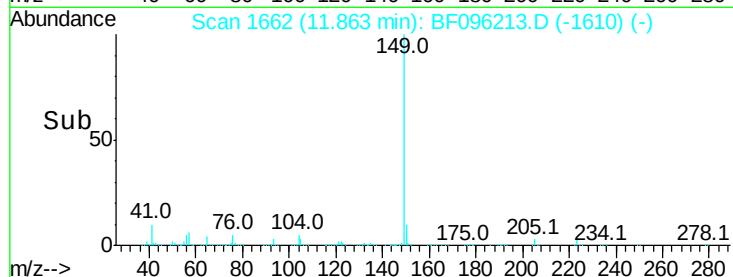
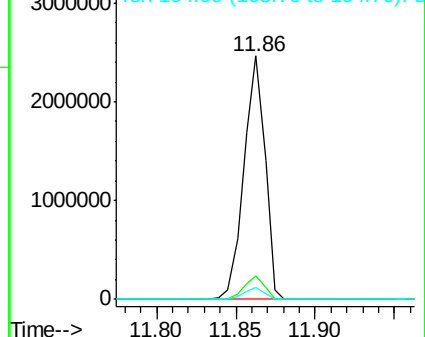
104 5.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 53.08 ng

RT: 12.50 min Scan# 1771

Delta R.T. 0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

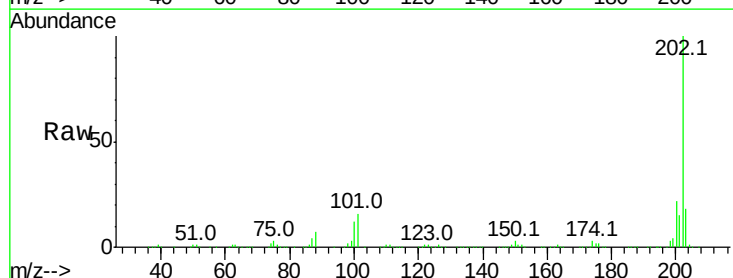
Tgt Ion:202 Resp: 1859991

Ion Ratio Lower Upper

202 100

101 15.7 0.0 33.2

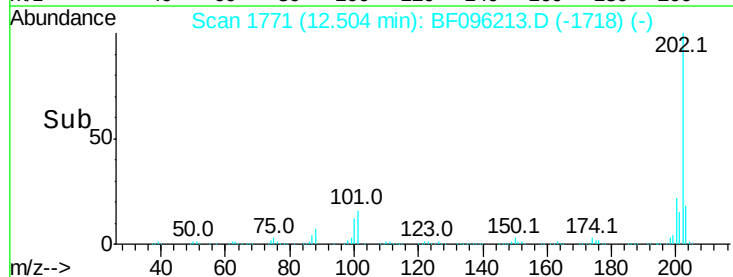
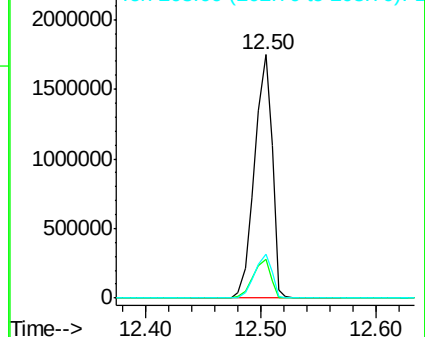
203 18.0 0.0 38.1

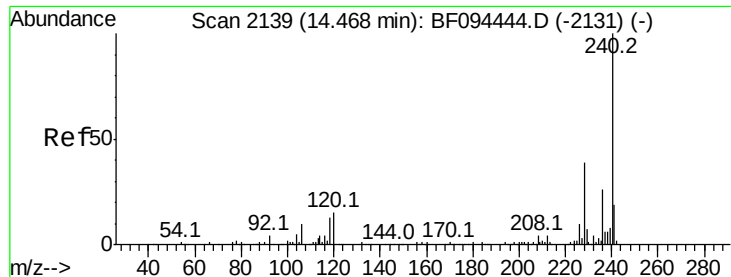


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampleId :

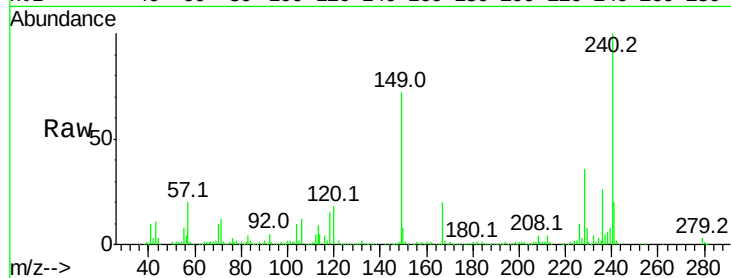
Tot Ion:240 Resp: 402236

Ion Ratio Lower Upper

240 100

120 18.2 5.8 8.8#

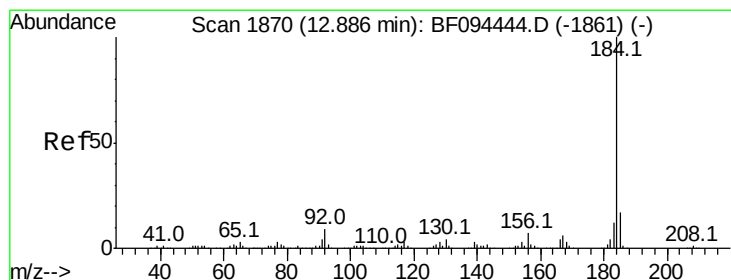
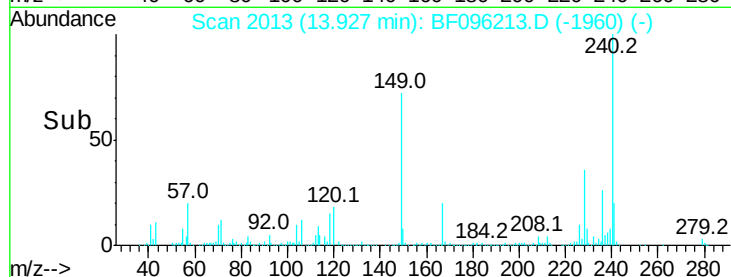
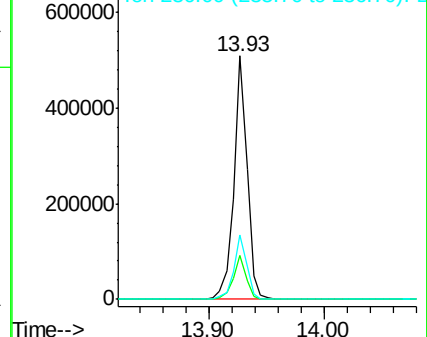
236 26.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 53.05 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

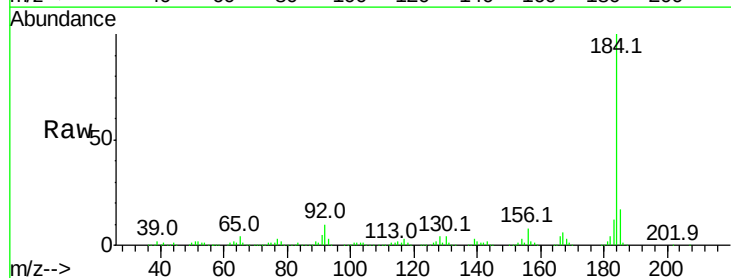
Tgt Ion:184 Resp: 800104

Ion Ratio Lower Upper

184 100

185 17.4 15.5 23.3

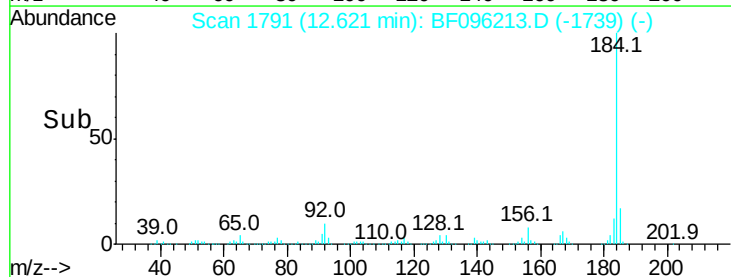
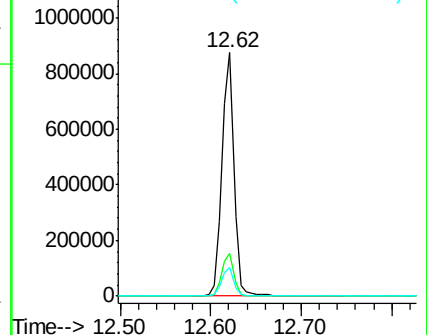
183 12.0 9.8 14.6

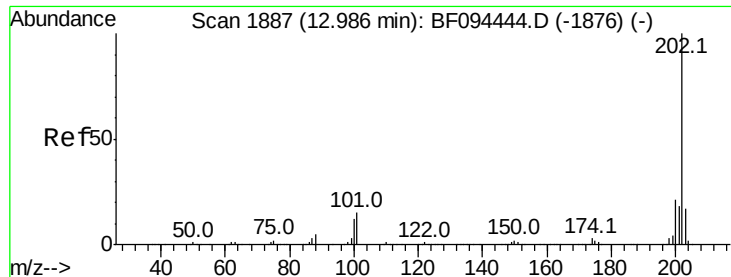


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

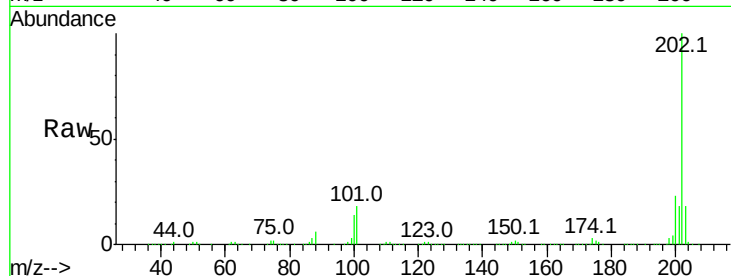




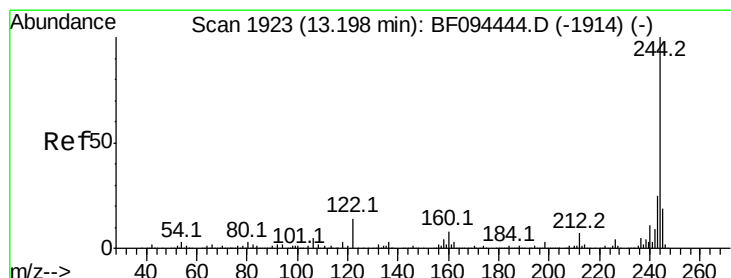
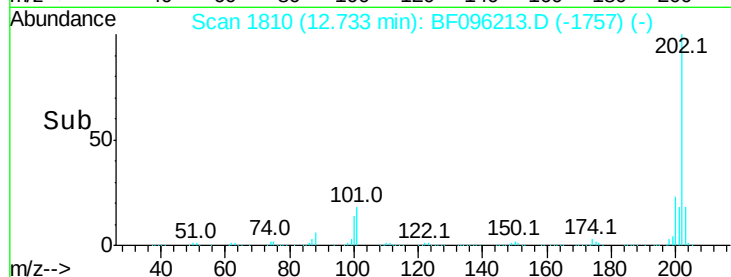
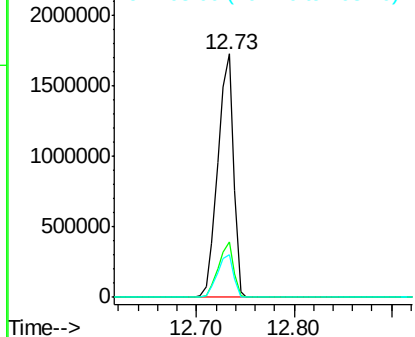
#77
Pvrene
Concen: 58.51 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BF096213.D
Acq: 27 Jun 2017 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1934012
Ion Ratio Lower Upper
202 100
200 22.5 17.6 26.4
203 17.7 14.4 21.6

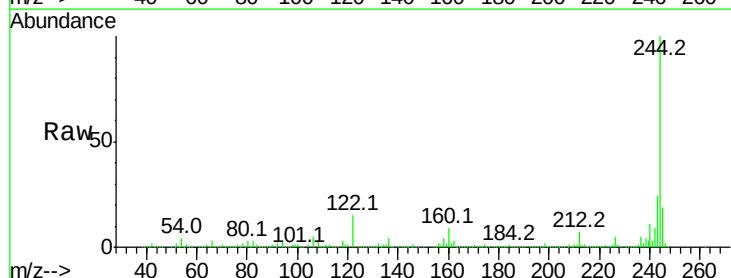


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

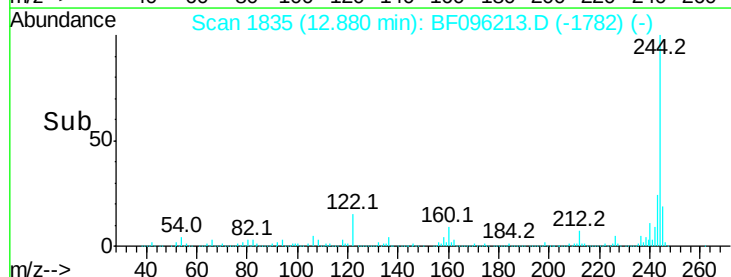
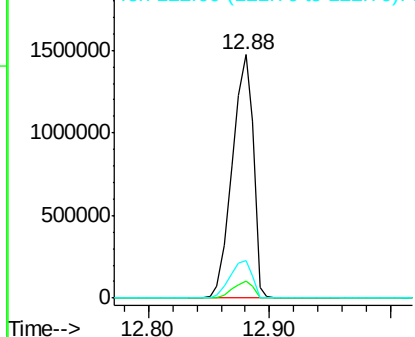


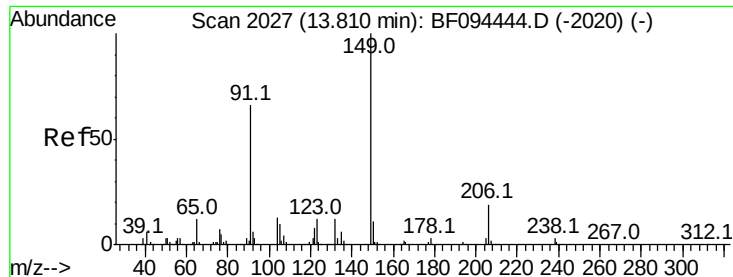
#78
Terphenyl-d14
Concen: 110.93 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.01 min
Lab File: BF096213.D
Acq: 27 Jun 2017 12:44

Tgt Ion:244 Resp: 1788215
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 15.2 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

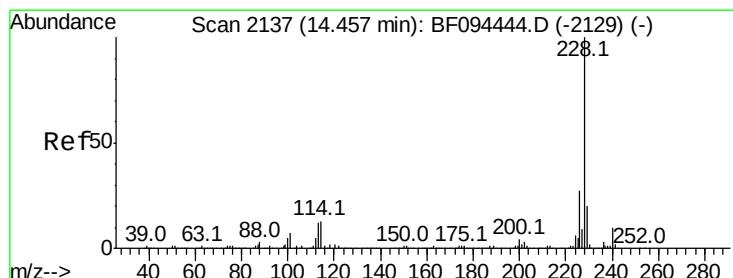
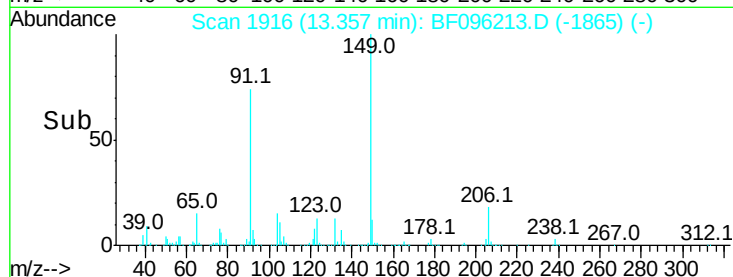
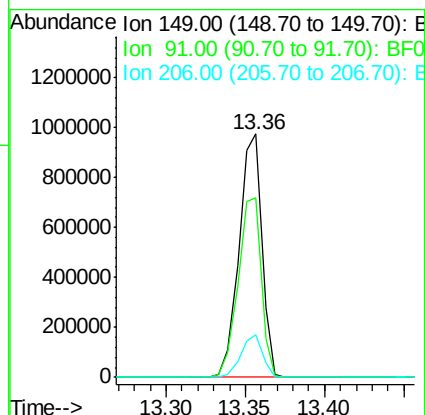
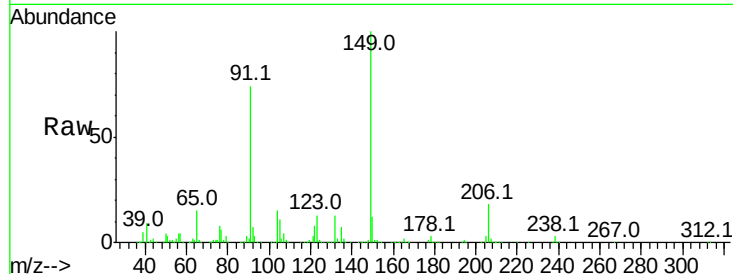




#79
Butylbenzylphthalate
Concen: 63.89 ng
RT: 13.36 min Scan# 1916
Delta R.T. 0.00 min
Lab File: BF096213.D
Acq: 27 Jun 2017 12:44

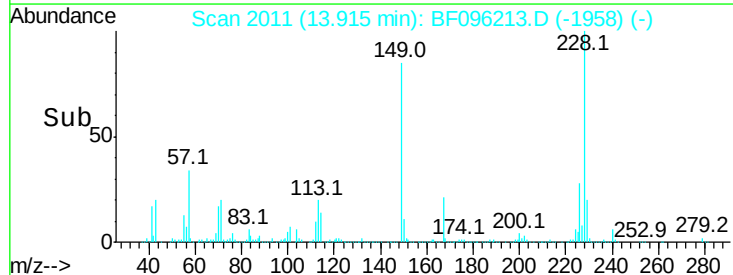
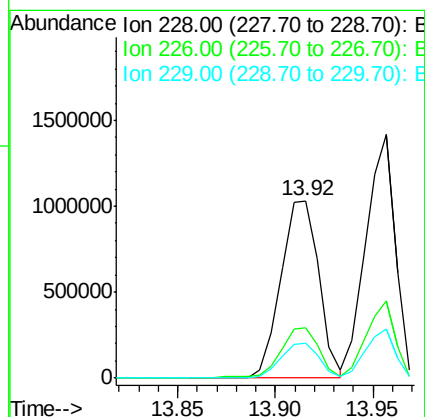
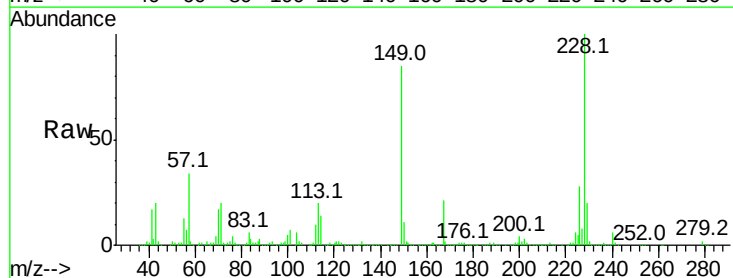
Instrument :
BNA_F
ClientSampleId :

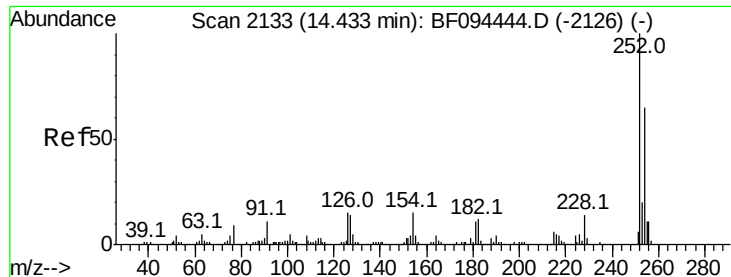
Tot Ion:149 Resp: 967805
Ion Ratio Lower Upper
149 100
91 74.0 45.0 67.4#
206 17.7 17.0 25.6



#80
Benzo(a)anthracene
Concen: 56.75 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF096213.D
Acq: 27 Jun 2017 12:44

Tgt Ion:228 Resp: 1391555
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 19.5 16.3 24.5

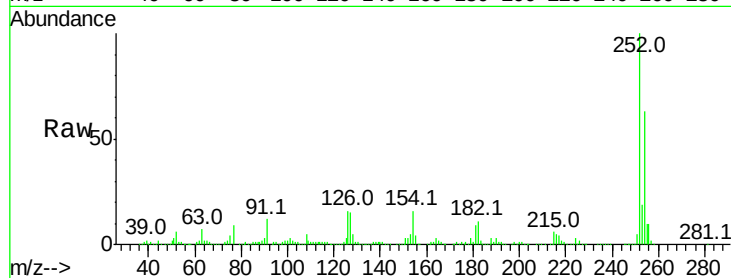




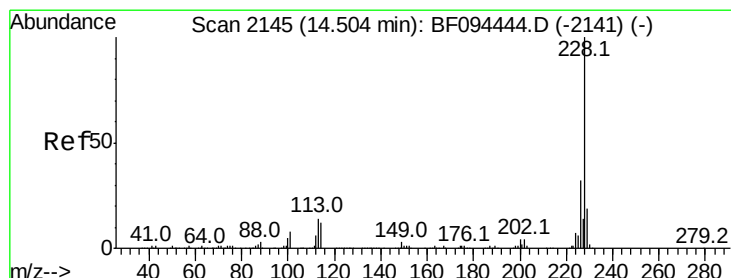
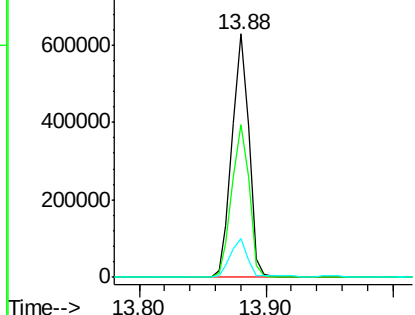
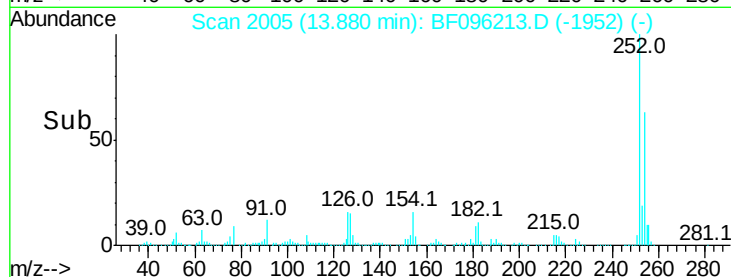
#81
 3,3'-Dichlorobenzidine
 Concen: 61.89 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.01 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 577822
 Ion Ratio Lower Upper
 252 100
 254 62.8 51.5 77.3
 126 16.0 15.8 23.8

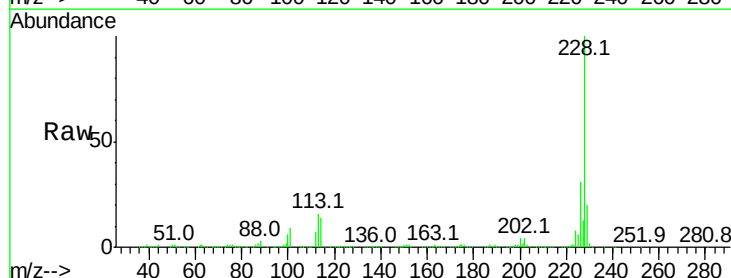


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

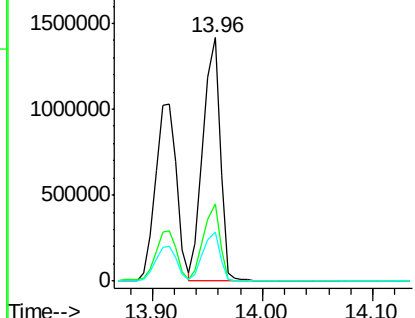
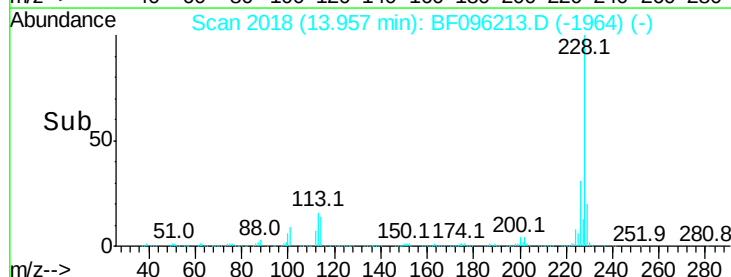


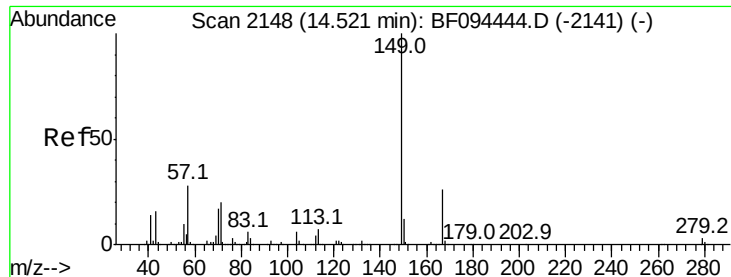
#82
 Chrysene
 Concen: 58.72 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.02 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

Tgt Ion:228 Resp: 1489191
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.9 37.3
 229 20.2 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 60.75 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampleId :

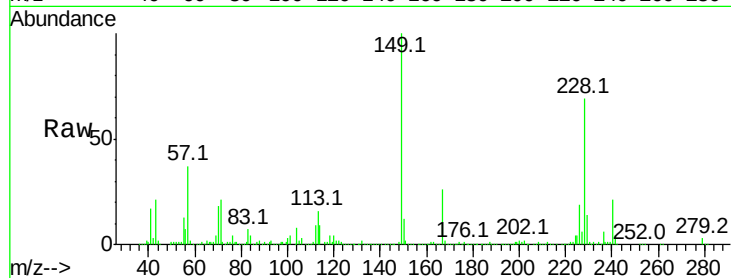
Tot Ion:149 Resp: 1000099

Ion Ratio Lower Upper

149 100

167 25.6 21.0 31.4

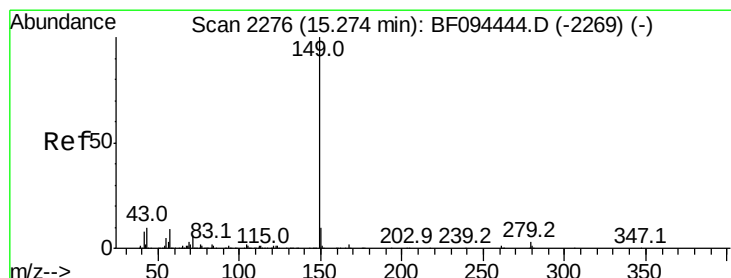
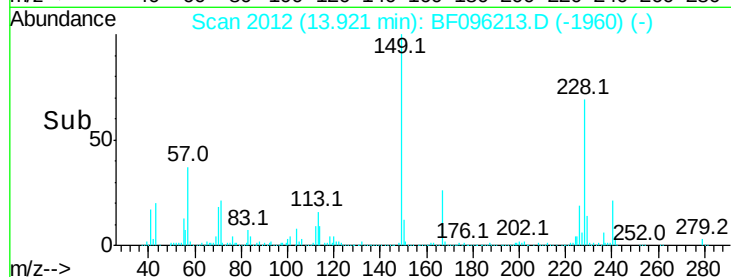
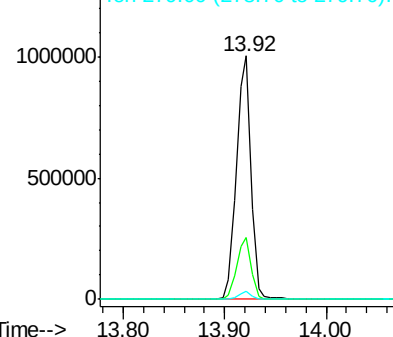
279 3.1 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 62.12 ng

RT: 14.53 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

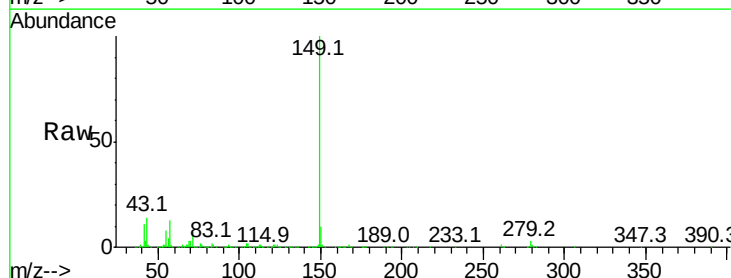
Tgt Ion:149 Resp: 2106295

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

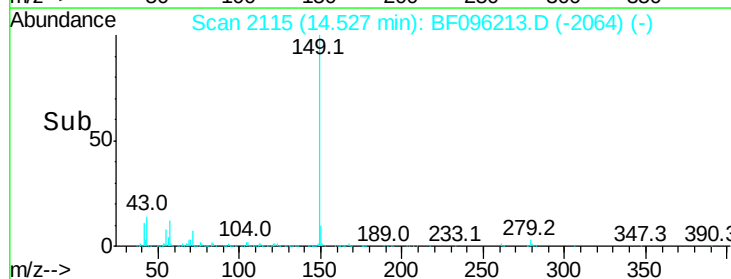
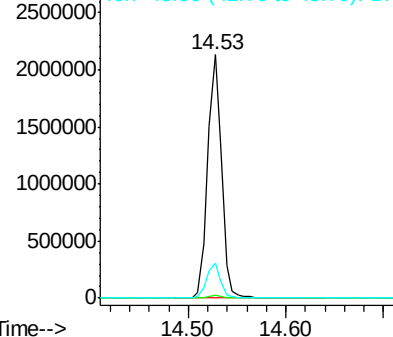
43 14.2 8.5 12.7#

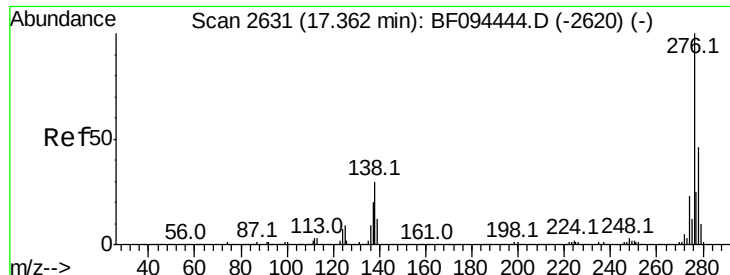


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



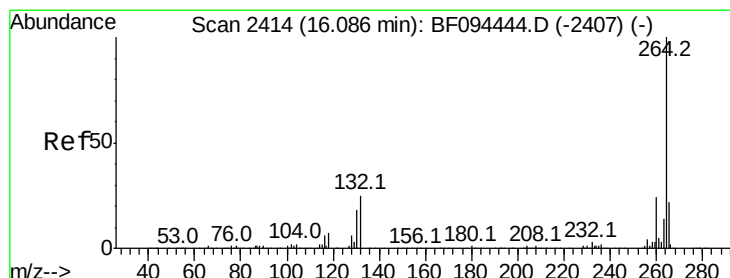
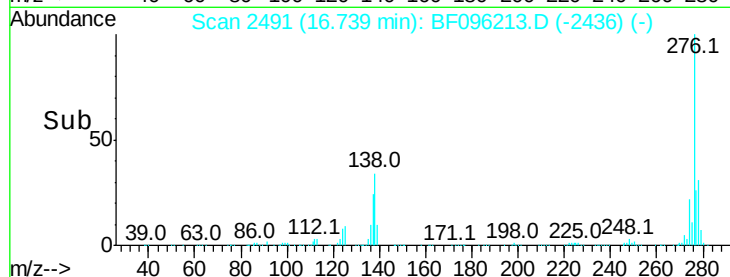
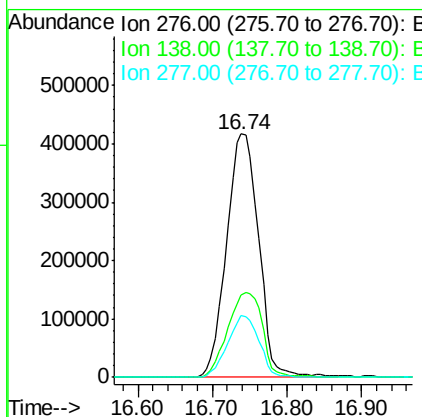
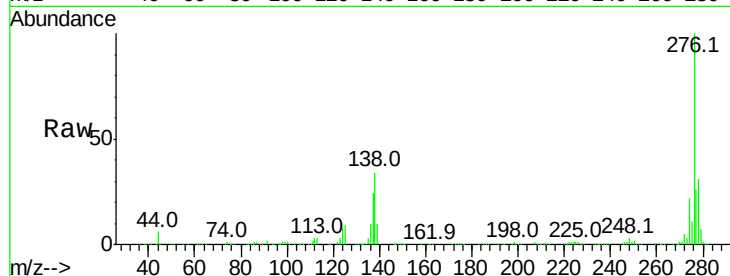


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.30 ng
 RT: 16.74 min Scan# 2491
 Delta R.T. 0.02 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 1248259

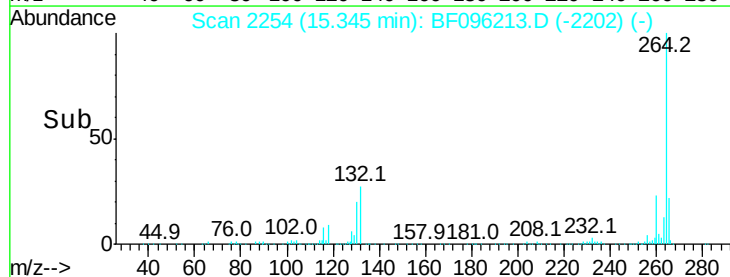
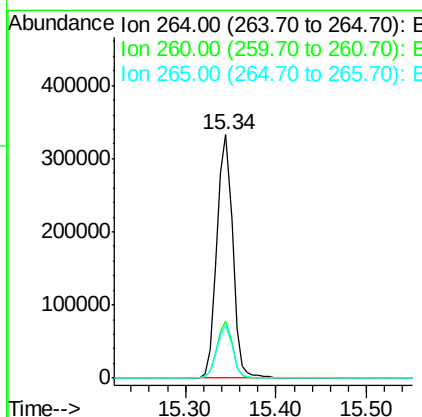
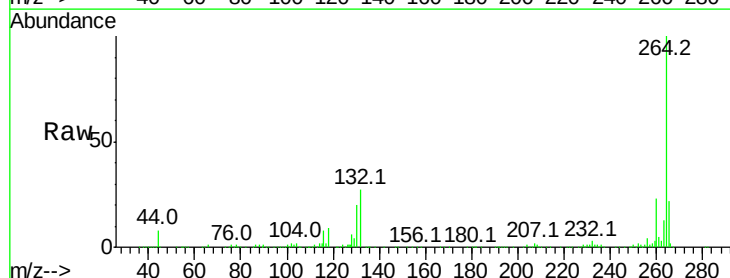
Ion	Ratio	Lower	Upper
276	100		
138	37.6	27.8	41.6
277	24.9	20.2	30.4

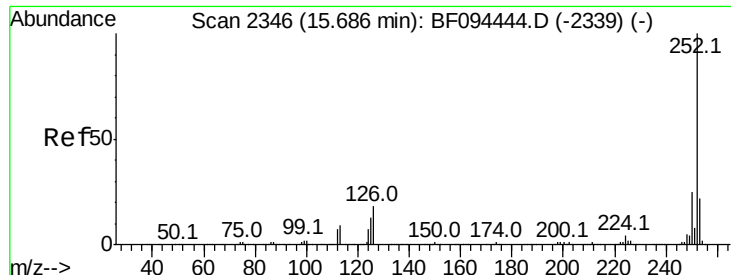


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: BF096213.D
 Acq: 27 Jun 2017 12:44

Tgt Ion:264 Resp: 401327

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 48.74 ng

RT: 14.97 min Scan# 2191

Delta R.T. 0.02 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampleId :

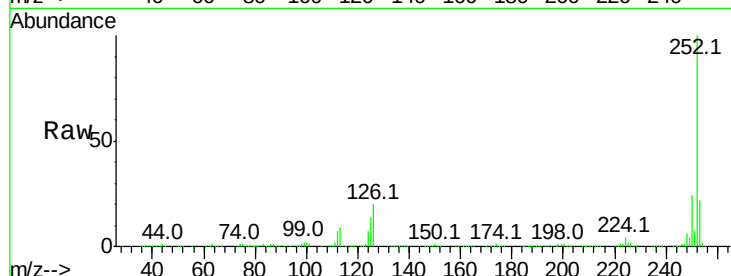
Tot Ion:252 Resp: 1285019

Ion Ratio Lower Upper

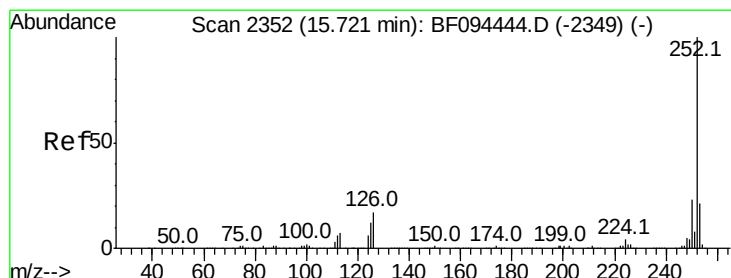
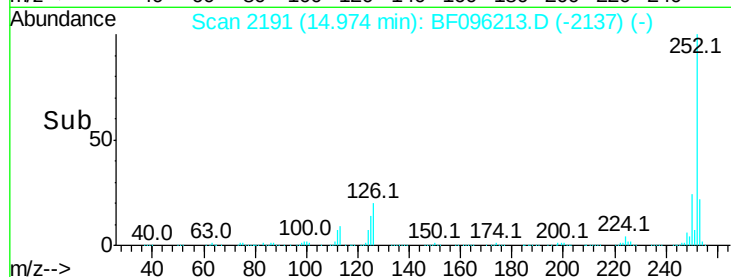
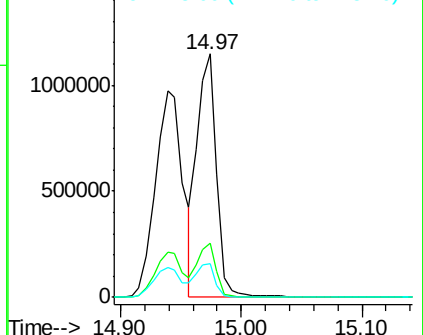
252 100

253 22.0 18.1 27.1

125 13.8 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 53.39 ng

RT: 14.97 min Scan# 2191

Delta R.T. 0.02 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

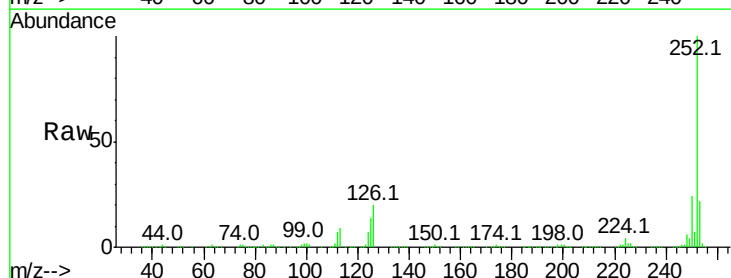
Tgt Ion:252 Resp: 1285019

Ion Ratio Lower Upper

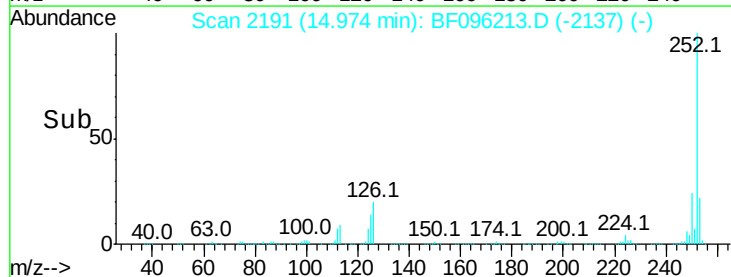
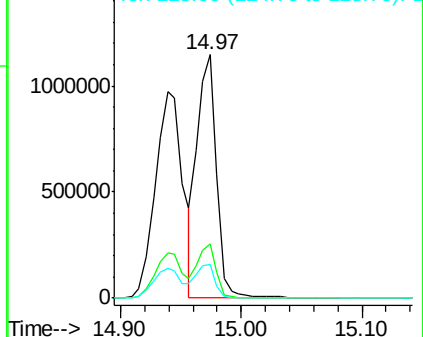
252 100

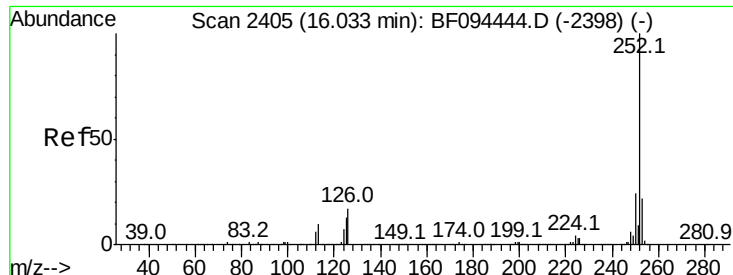
253 22.0 18.4 27.6

125 13.8 13.1 19.7



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

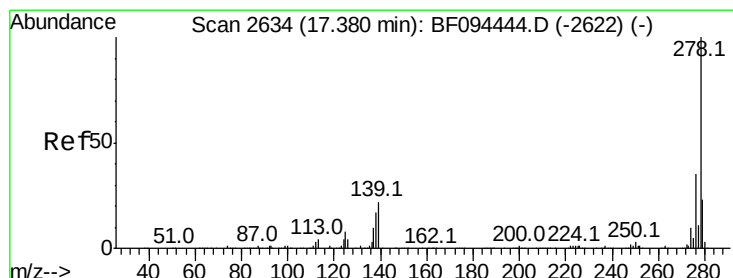
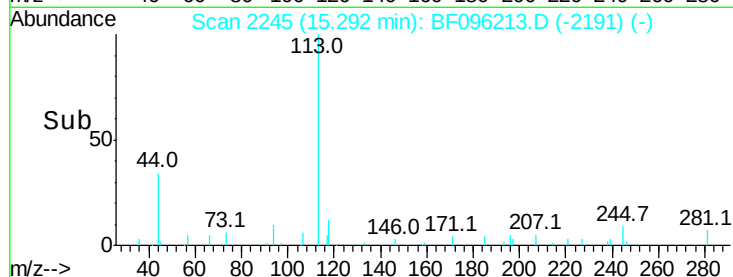
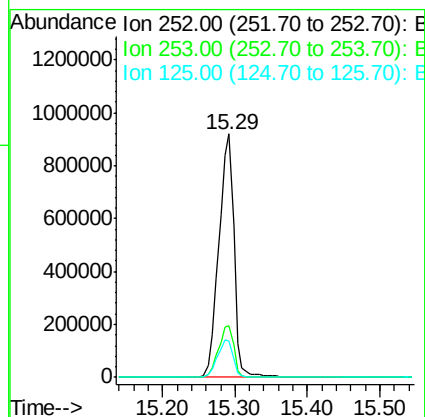
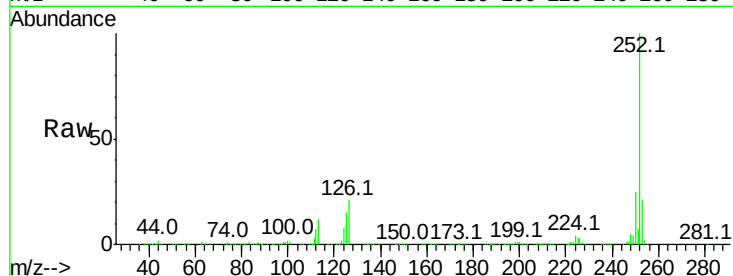




#89
Benzo(a)pyrene
Concen: 57.53 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF096213.D
Acq: 27 Jun 2017 12:44

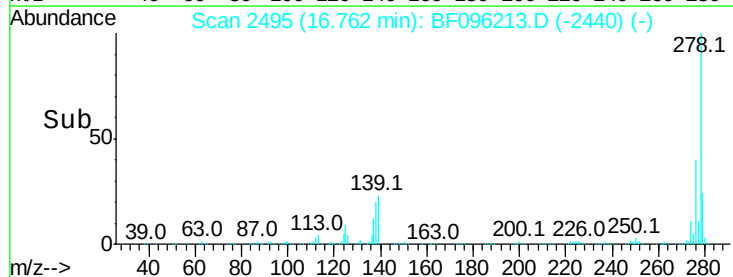
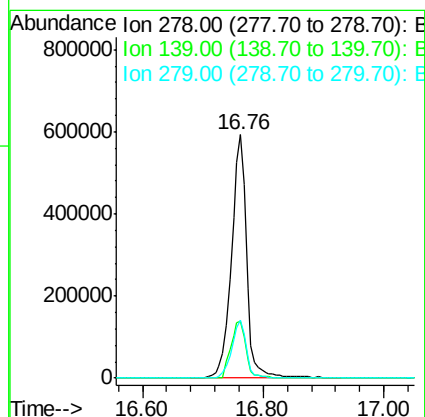
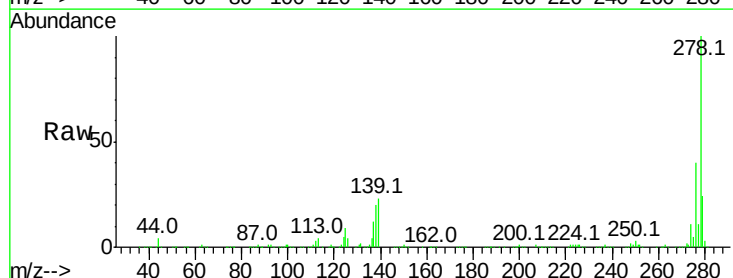
Instrument :
BNA_F
ClientSampleId :

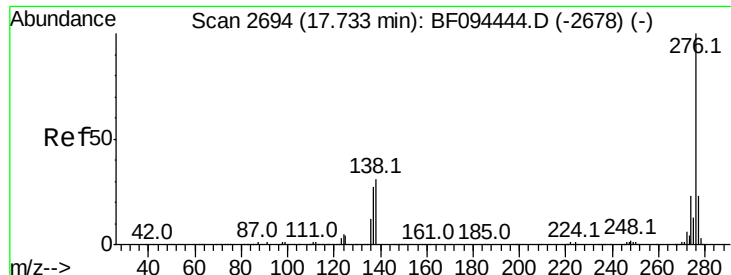
Tot Ion:252 Resp: 1339715
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 15.0 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 56.93 ng
RT: 16.76 min Scan# 2495
Delta R.T. 0.02 min
Lab File: BF096213.D
Acq: 27 Jun 2017 12:44

Tgt Ion:278 Resp: 1038049
Ion Ratio Lower Upper
278 100
139 23.3 16.6 24.8
279 24.1 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 57.25 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.03 min

Lab File: BF096213.D

Acq: 27 Jun 2017 12:44

Instrument :

BNA_F

ClientSampleId :

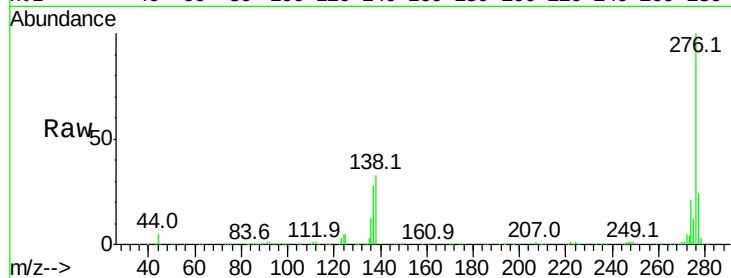
Tot Ion:276 Resp: 1085029

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 32.9 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

