

Data Path : Z:\HPCHEM1\BNA F\Data\BF012218\
 Data File : BF102294.D
 Acq On : 22 Jan 2018 12:49
 Operator : SJ/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 13:16:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 12:26:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.716	152	135798	20.00	ng	0.00
21) Naphthalene-d8	8.004	136	566012	20.00	ng	0.00
38) Acenaphthene-d10	9.757	164	258159	20.00	ng	0.00
63) Phenanthrene-d10	11.239	188	450709	20.00	ng	0.00
75) Chrysene-d12	13.880	240	321888	20.00	ng	0.00
86) Perylene-d12	15.292	264	264145	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.328	112	1278840	132.98	ng	0.00
7) Phenol-d6	6.375	99	1521074	132.57	ng	0.02
23) Nitrobenzene-d5	7.298	82	1438138	149.31	ng	0.01
41) 2,4,6-Tribromophenol	10.551	330	345761	153.47	ng	0.00
44) 2-Fluorobiphenyl	9.086	172	2310185	139.80	ng	0.00
78) Terphenyl-d14	12.827	244	1937230	124.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.375	88	319764	66.63	ng	97
3) Pyridine	3.081	79	886446	67.64	ng	96
4) n-Nitrosodimethylamine	3.069	42	350689	63.90	ng	99
6) Aniline	6.398	93	1008801	62.39	ng	99
8) 2-Chlorophenol	6.510	128	666823	69.14	ng	99
9) Benzaldehyde	6.269	77	313352	39.33	ng	99
10) Phenol	6.386	94	829141	63.94	ng	# 70
11) bis(2-Chloroethyl)ether	6.469	93	658512	66.72	ng	97
12) 1,3-Dichlorobenzene	6.657	146	801007	72.04	ng	99
13) 1,4-Dichlorobenzene	6.739	146	797084	71.84	ng	98
14) 1,2-Dichlorobenzene	6.892	146	691076	67.30	ng	99
15) Benzyl Alcohol	6.875	79	510139	60.78	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1055175	58.00	ng	96
17) 2-Methylphenol	6.986	107	589622	67.77	ng	# 93
18) Hexachloroethane	7.228	117	281582	72.07	ng	96
19) n-Nitroso-di-n-propyla...	7.157	70	485038	64.51	ng	99
20) 3+4-Methylphenols	7.145	107	653413	62.55	ng	# 73
22) Acetophenone	7.145	105	927582	68.02	ng	# 89
24) Nitrobenzene	7.316	77	723216	69.88	ng	97
25) Isophorone	7.557	82	1331385	69.96	ng	98
26) 2-Nitrophenol	7.622	139	401311	92.64	ng	99
27) 2,4-Dimethylphenol	7.669	122	564853	69.82	ng	97
28) bis(2-Chloroethoxy)met...	7.763	93	798355	69.47	ng	100
29) 2,4-Dichlorophenol	7.869	162	556908	72.49	ng	98
30) 1,2,4-Trichlorobenzene	7.945	180	596728	74.26	ng	99
31) Naphthalene	8.028	128	1952439	69.03	ng	99
32) Benzoic acid	7.845	122	554246	90.34	ng	98
33) 4-Chloroaniline	8.081	127	840422	69.62	ng	99
34) Hexachlorobutadiene	8.139	225	316660	74.45	ng	99
35) Caprolactam	8.492	113	161824	61.36	ng	99
36) 4-Chloro-3-methylphenol	8.575	107	598741	71.20	ng	97
37) 2-Methylnaphthalene	8.716	142	1293956	69.50	ng	99
39) 1,2,4,5-Tetrachloroben...	8.880	216	534689	73.21	ng	99
40) Hexachlorocyclopentadiene	8.863	237	291535	72.99	ng	97

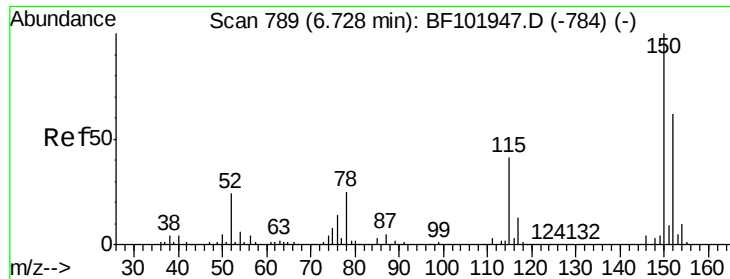
Data Path : Z:\HPCHEM1\BNA F\Data\BF012218\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.998	196	369903	73.50	nq	98
43) 2,4,5-Trichlorophenol	9.045	196	421261	74.06	nq	97
45) 1,1'-Biphenyl	9.186	154	1517831	66.52	nq	98
46) 2-Chloronaphthalene	9.210	162	1215514	68.69	nq	100
47) 2-Nitroaniline	9.310	65	414298	78.16	nq	96
48) Acenaphthylene	9.622	152	1822037	64.88	nq	99
49) Dimethylphthalate	9.498	163	1545361	74.62	nq	99
50) 2,6-Dinitrotoluene	9.557	165	329859	79.74	nq	99
51) Acenaphthene	9.792	154	1099963	64.54	nq	100
52) 3-Nitroaniline	9.727	138	393812	75.43	nq	96
53) 2,4-Dinitrophenol	9.833	184	163643	129.82	nq	# 20
54) Dibenzofuran	9.969	168	1474523	63.04	nq	99
55) 4-Nitrophenol	9.898	139	280368	72.06	nq	93
56) 2,4-Dinitrotoluene	9.963	165	378297	72.96	nq	# 88
57) Fluorene	10.310	166	1178137	72.86	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.086	232	305543	75.45	nq	98
59) Diethylphthalate	10.186	149	1428246	69.33	nq	98
60) 4-Chlorophenyl-phenyle...	10.298	204	502853	73.03	nq	98
61) 4-Nitroaniline	10.351	138	392987	79.31	nq	93
62) Azobenzene	10.463	77	1290328	62.95	nq	96
64) 4,6-Dinitro-2-methylph...	10.374	198	240631	108.58	nq	85
65) n-Nitrosodiphenylamine	10.427	169	1130110	66.96	nq	100
66) 4-Bromophenyl-phenylether	10.786	248	338913	71.20	nq	97
67) Hexachlorobenzene	10.851	284	378471	72.84	nq	95
68) Atrazine	10.957	200	328030	67.25	nq	99
69) Pentachlorophenol	11.045	266	231860	73.18	nq	99
70) Phenanthrene	11.269	178	1731755	65.78	nq	99
71) Anthracene	11.321	178	1760851	65.95	nq	100
72) Carbazole	11.480	167	1738974	66.26	nq	99
73) Di-n-butylphthalate	11.804	149	2197675	68.25	nq	100
74) Fluoranthene	12.451	202	1768733	68.28	nq	99
77) Pyrene	12.686	202	1825899	64.17	nq	99
79) Butylbenzylphthalate	13.304	149	928146	71.08	nq	94
80) Benzo(a)anthracene	13.868	228	1396173	67.98	nq	99
81) 3,3'-Dichlorobenzidine	13.839	252	453942	59.70	nq	97
82) Chrysene	13.910	228	1425967	66.59	nq	100
83) Bis(2-ethylhexyl)phtha...	13.857	149	1161839	77.56	nq	99
84) Di-n-octyl phthalate	14.468	149	1948579	78.39	nq	99
85) Indeno(1,2,3-cd)pyrene	16.692	276	1085976	69.67	nq	99
87) Benzo(b)fluoranthene	14.898	252	1334213	77.47	nq	99
88) Benzo(k)fluoranthene	14.927	252	1151298	69.29	nq	99
89) Benzo(a)pyrene	15.245	252	1141123	73.63	nq	98
90) Dibenzo(a,h)anthracene	16.709	278	882611	71.36	nq	99
91) Benzo(g,h,i)perylene	17.109	276	897583	72.04	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.716 min Scan# 78

Delta R.T. -0.000 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

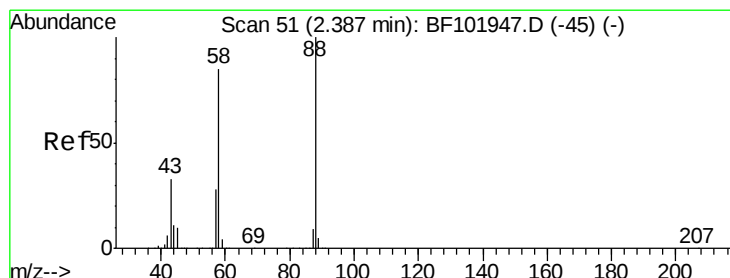
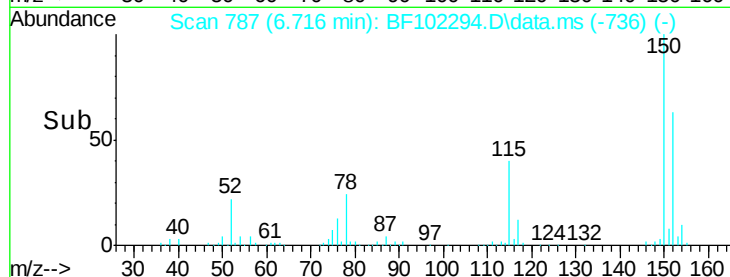
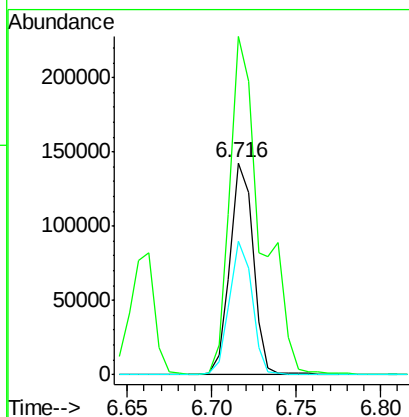
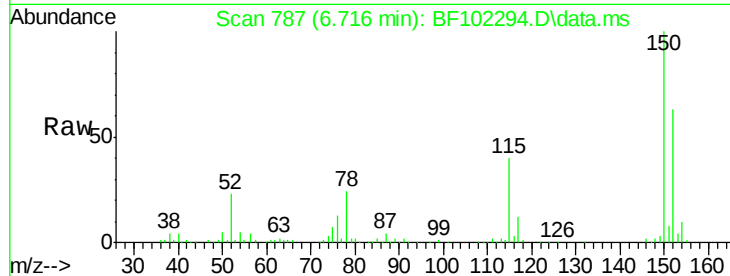
Tot Ion:152 Resp: 135798

Ion Ratio Lower Upper

152 100

150 159.8 124.6 186.8

115 63.2 50.1 75.1



#2

1,4-Dioxane

Concen: 66.63 ng

RT: 2.375 min Scan# 49

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

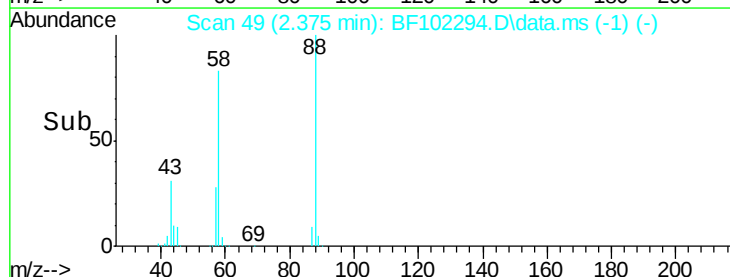
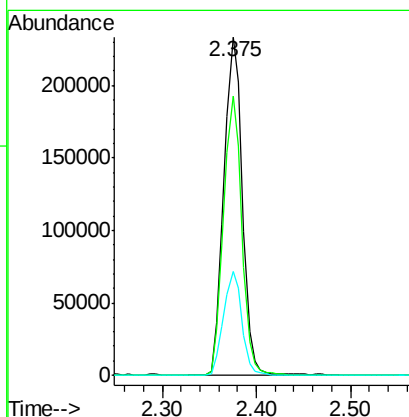
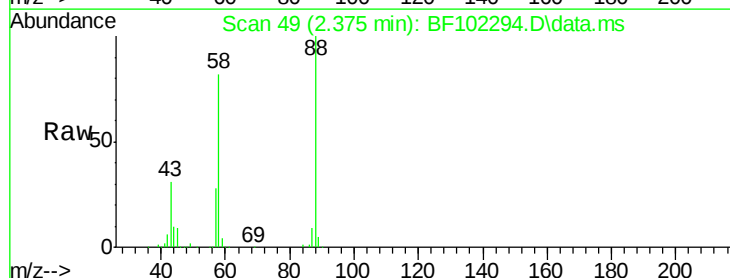
Tgt Ion: 88 Resp: 319764

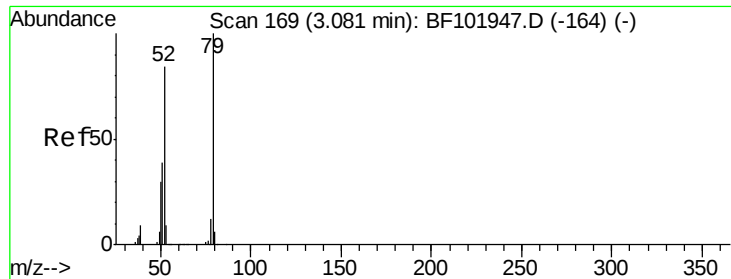
Ion Ratio Lower Upper

88 100

58 82.1 62.6 93.8

43 30.8 24.6 37.0





#3

Pvridine

Concen: 67.64 ng

RT: 3.081 min Scan# 16

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

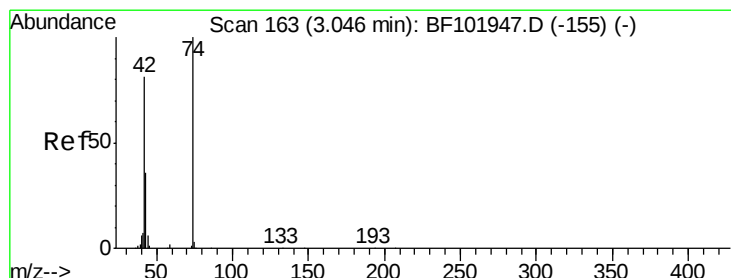
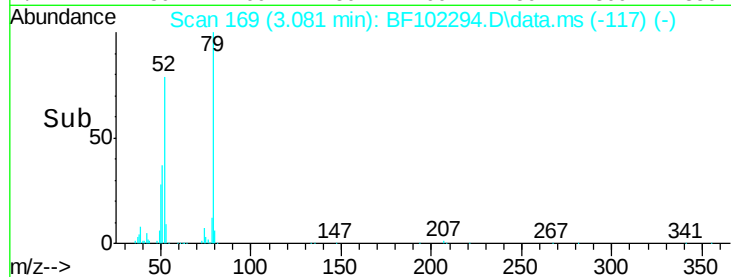
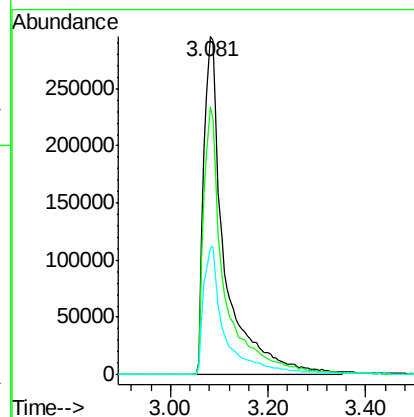
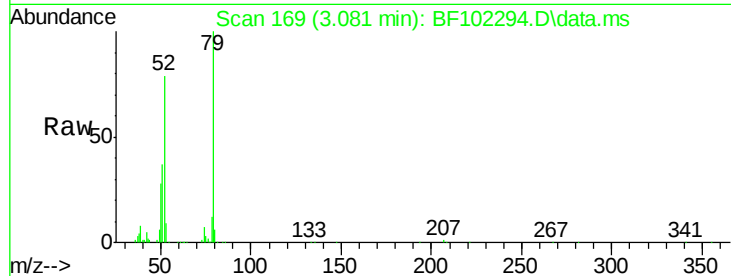
Tot Ion: 79 Resp: 886446

Ion Ratio Lower Upper

79 100

52 79.2 59.8 89.6

51 37.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 63.90 ng

RT: 3.069 min Scan# 167

Delta R.T. 0.029 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

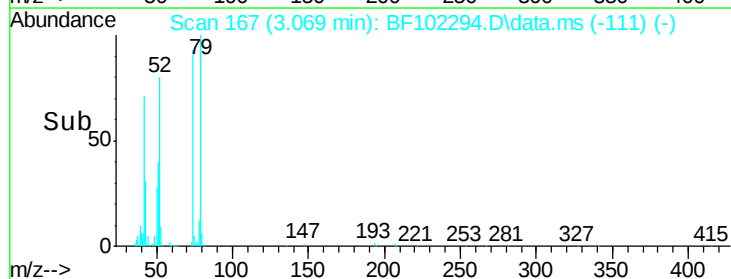
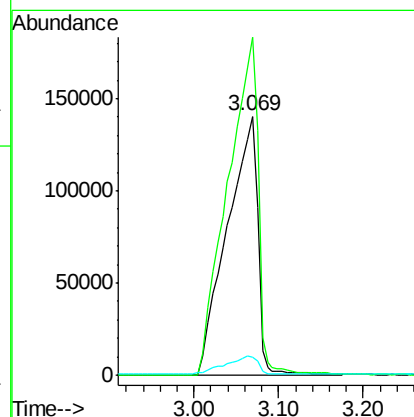
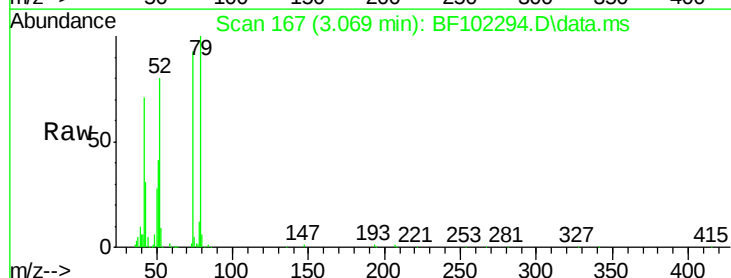
Tgt Ion: 42 Resp: 350689

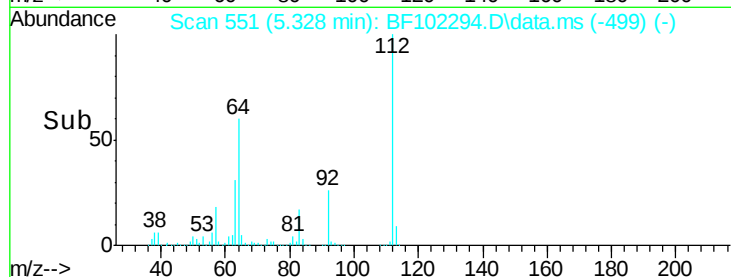
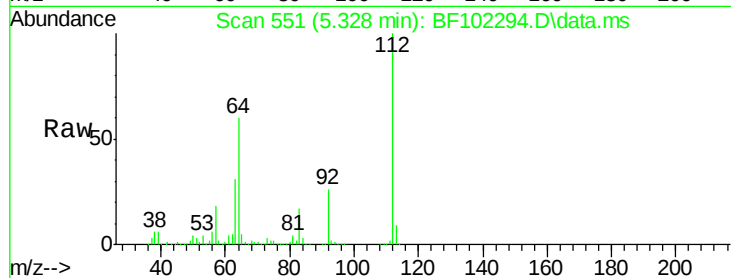
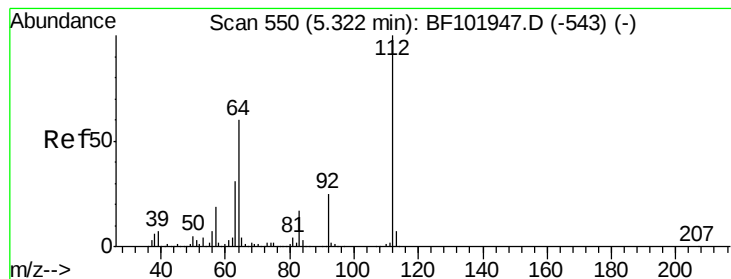
Ion Ratio Lower Upper

42 100

74 130.6 104.9 157.3

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 132.98 ng

RT: 5.328 min Scan# 551

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

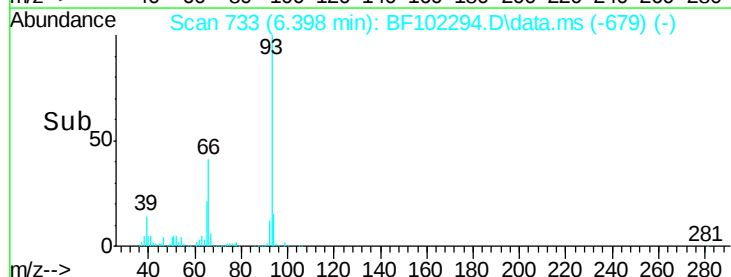
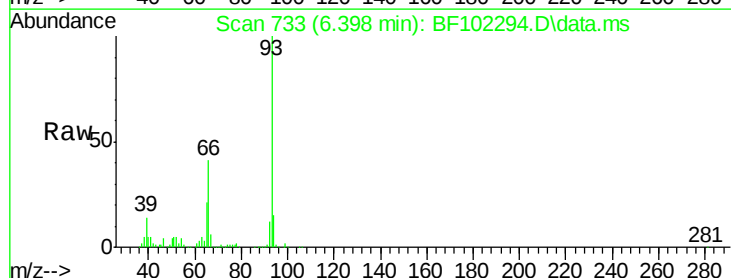
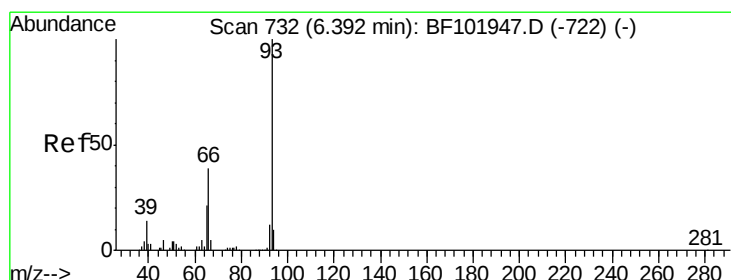
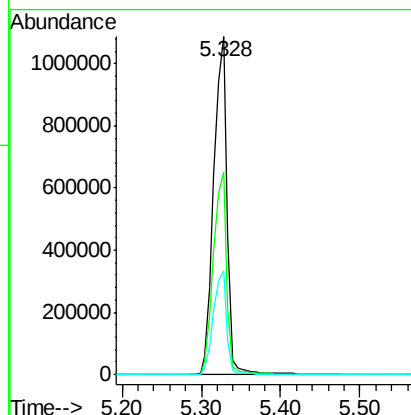
Tot Ion:112 Resp: 1278840

Ion Ratio Lower Upper

112 100

64 59.7 47.9 71.9

63 30.8 23.7 35.5



#6

Aniline

Concen: 62.39 ng

RT: 6.398 min Scan# 733

Delta R.T. 0.017 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

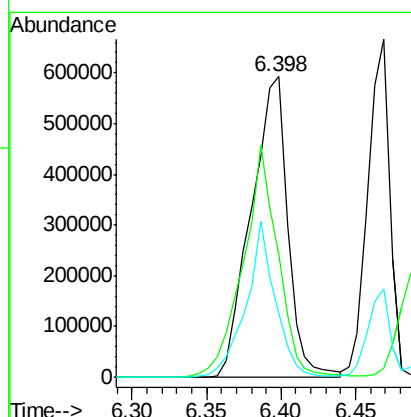
Tgt Ion: 93 Resp: 1008801

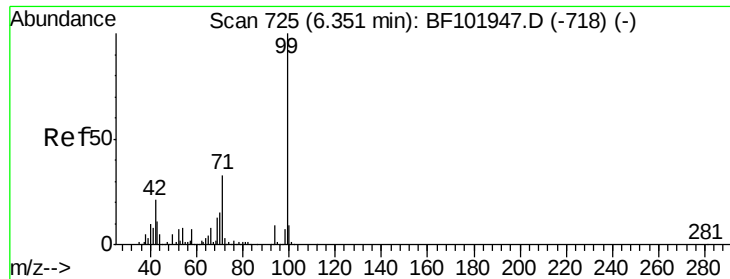
Ion Ratio Lower Upper

93 100

66 40.8 32.2 48.2

65 21.4 16.4 24.6





#7

Phenol-d6

Concen: 132.57 ng

RT: 6.375 min Scan# 72

Delta R.T. 0.017 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

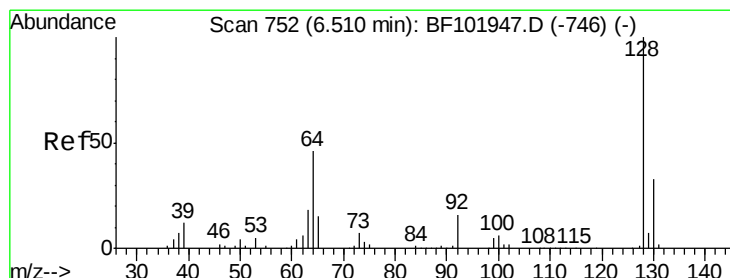
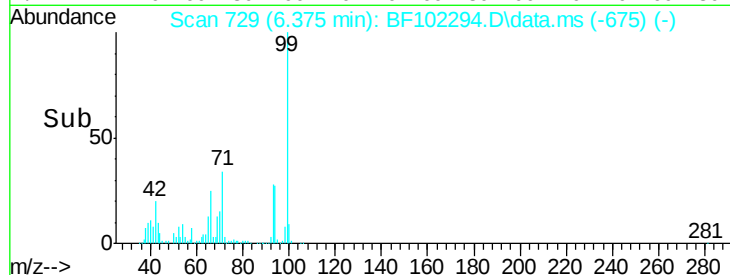
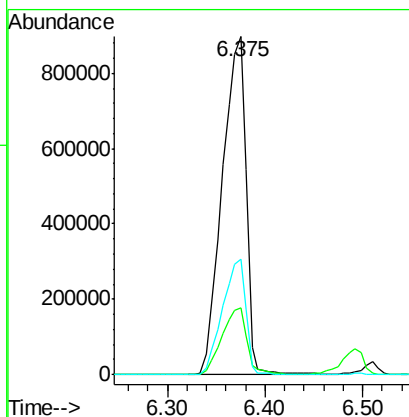
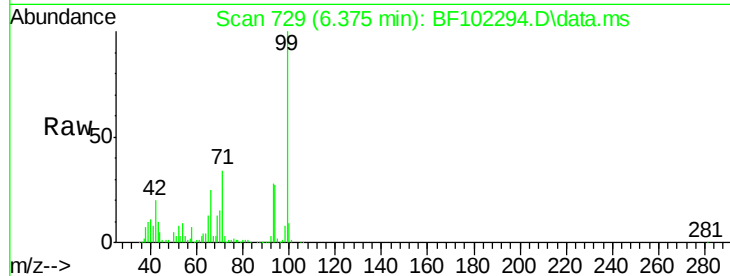
Tot Ion: 99 Resp: 1521074

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 34.0 25.4 38.0



#8

2-Chlorophenol

Concen: 69.14 ng

RT: 6.510 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

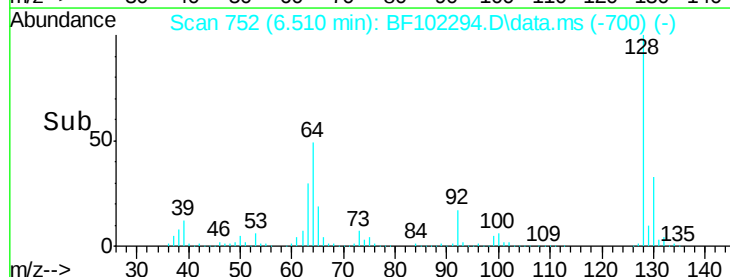
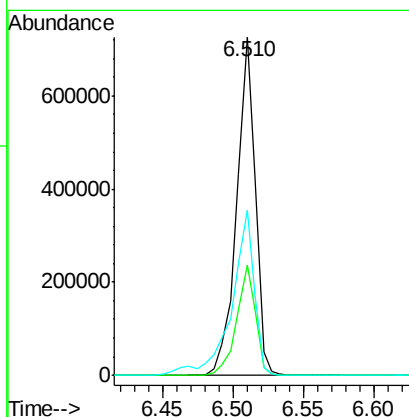
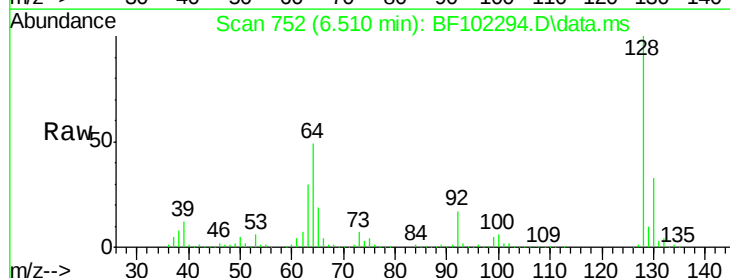
Tgt Ion: 128 Resp: 666823

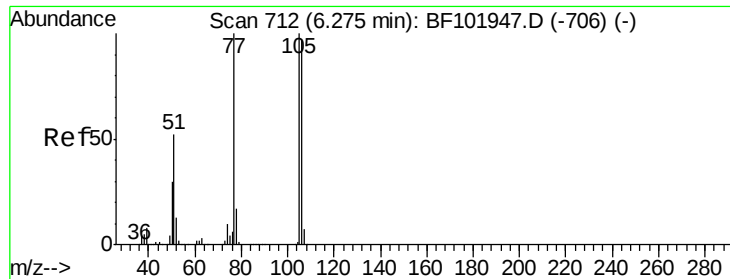
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 49.0 29.4 69.4





#9

Benzaldehyde

Concen: 39.33 ng

RT: 6.269 min Scan# 711

Delta R.T. -0.000 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

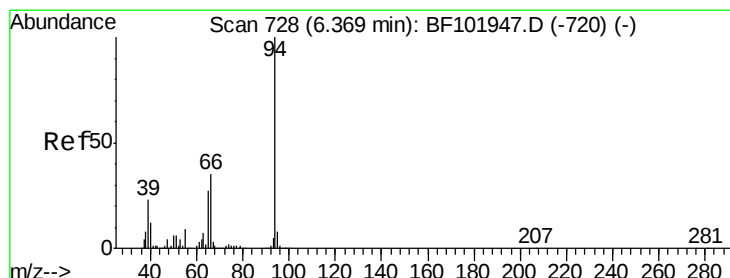
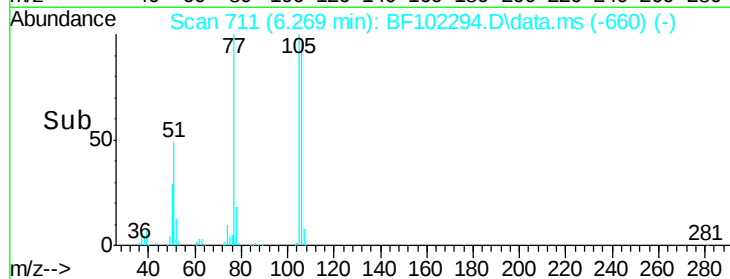
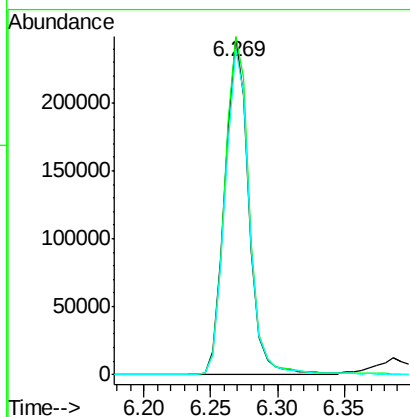
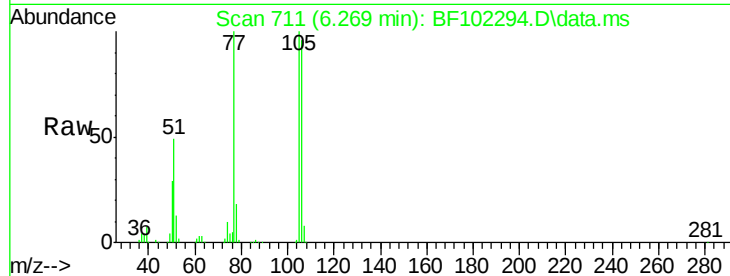
Tot Ion: 77 Resp: 313352

Ion Ratio Lower Upper

77 100

105 100.3 81.1 121.1

106 96.4 74.5 114.5



#10

Phenol

Concen: 63.94 ng

RT: 6.386 min Scan# 731

Delta R.T. 0.012 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

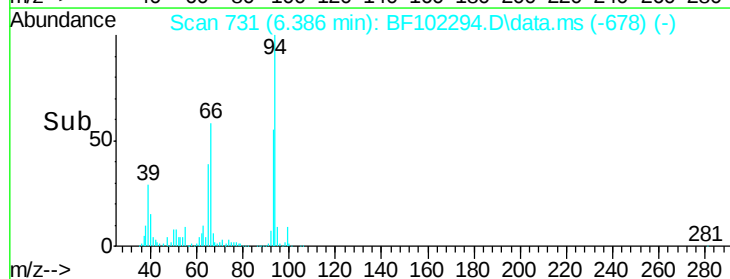
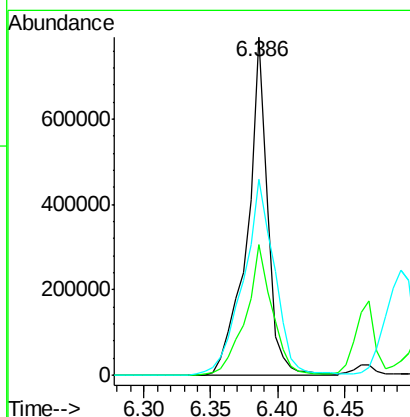
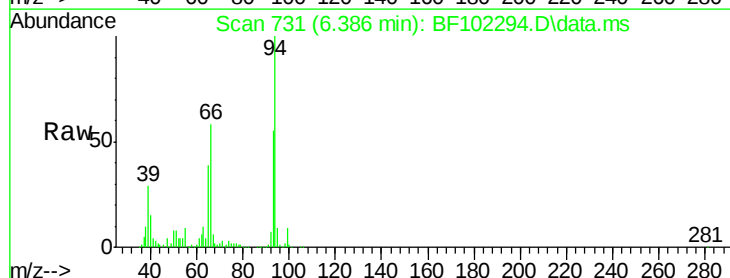
Tgt Ion: 94 Resp: 829141

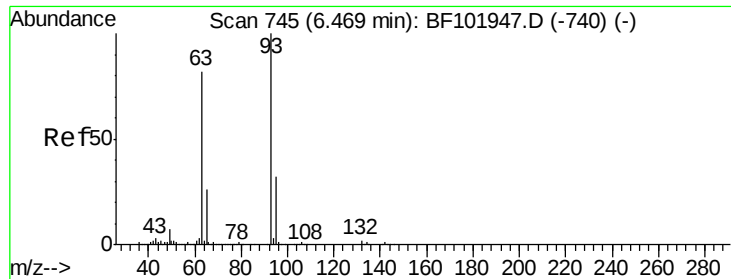
Ion Ratio Lower Upper

94 100

65 38.8 7.9 47.9

66 57.8 16.2 56.2#

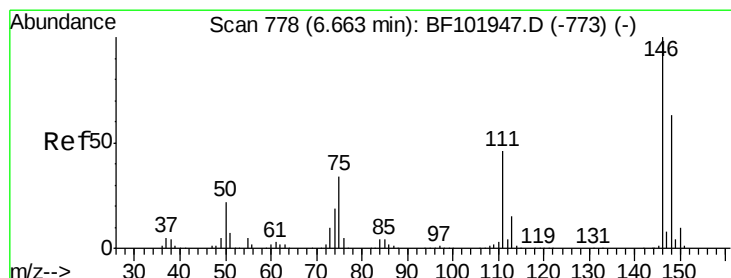
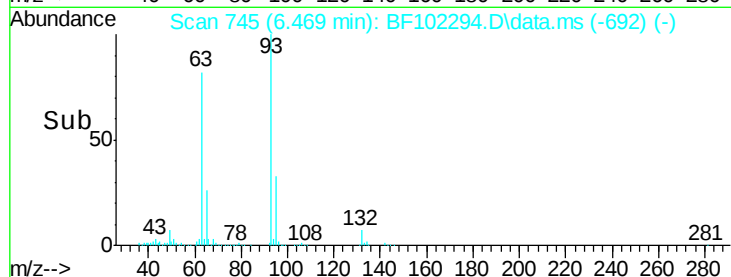
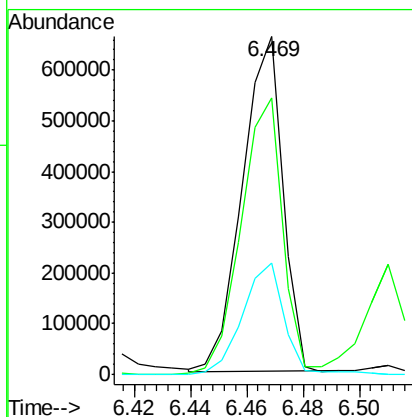
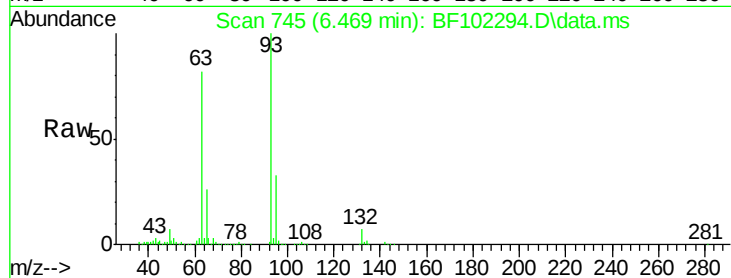




#11
bis(2-Chloroethyl)ether
Concen: 66.72 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.012 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

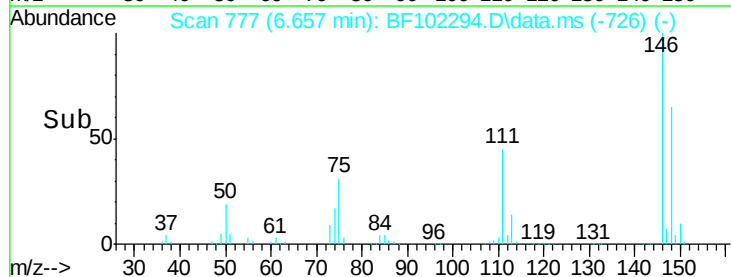
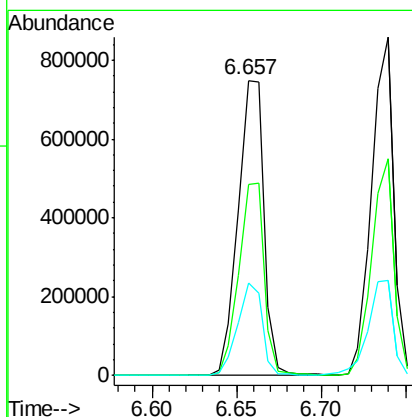
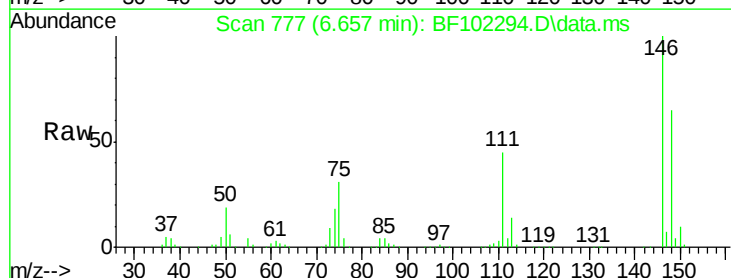
Instrument :
BNA_F
ClientSampleId :

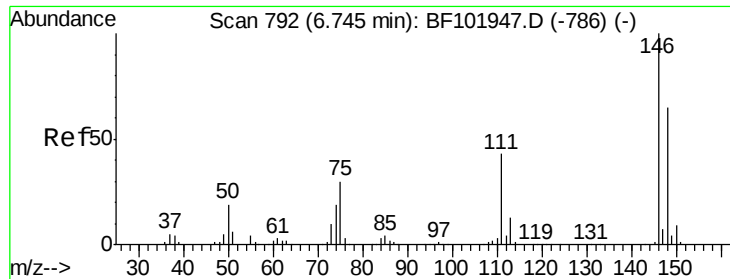
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.0	58.6	98.6
95	32.9	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 72.04 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	31.2	24.2	36.4

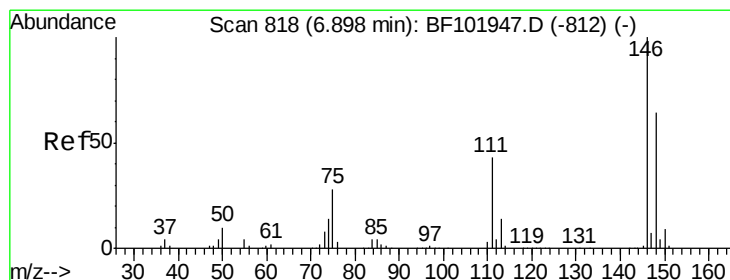
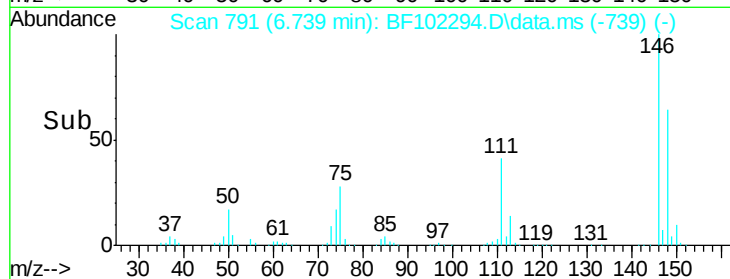
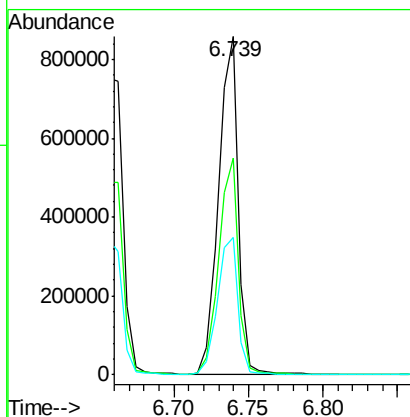
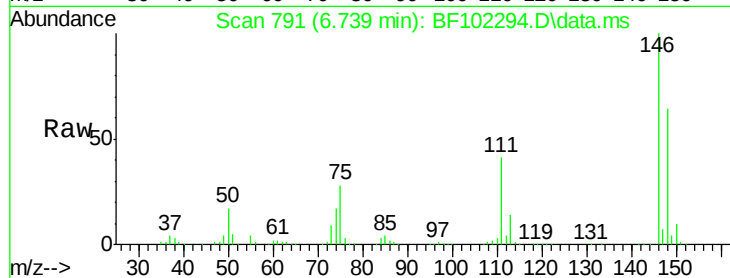




#13
 1,4-Dichlorobenzene
 Concen: 71.84 ng
 RT: 6.739 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: BF102294.D
 Acq: 22 Jan 2018 12:49

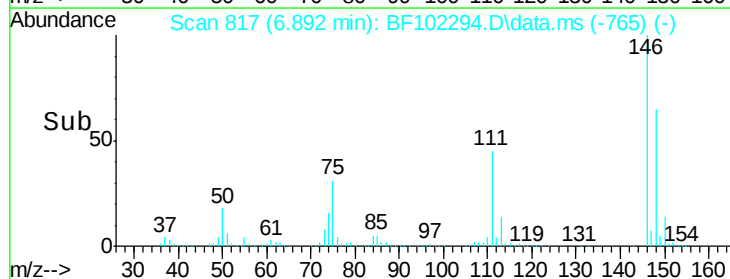
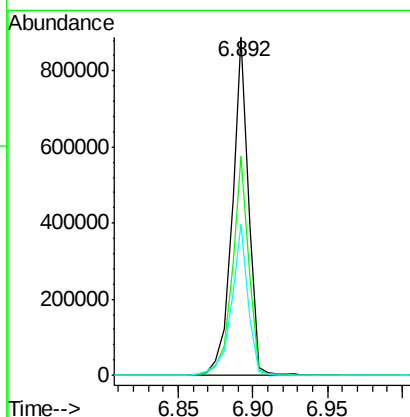
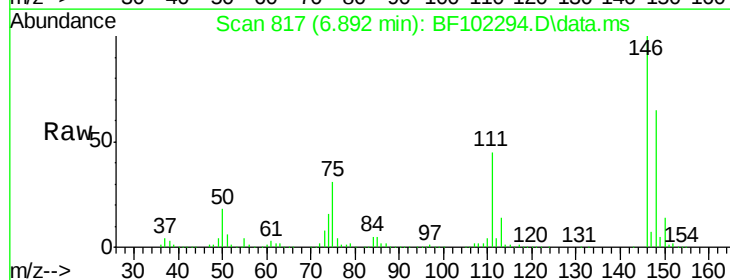
Instrument :
 BNA_F
 ClientSampleId :

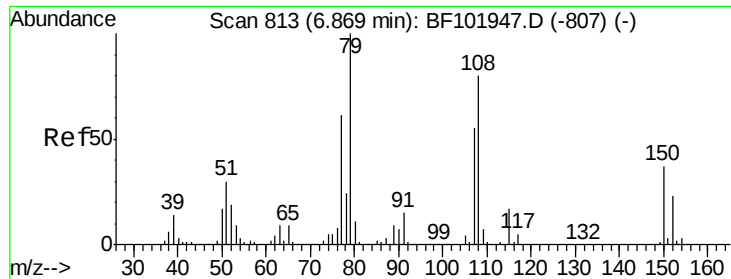
Tot Ion:146 Resp: 797084
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 40.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 67.30 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.006 min
 Lab File: BF102294.D
 Acq: 22 Jan 2018 12:49

Tgt Ion:146 Resp: 691076
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.6 75.8
 111 44.8 36.0 54.0

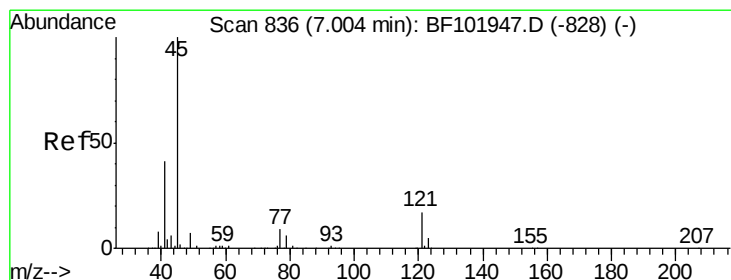
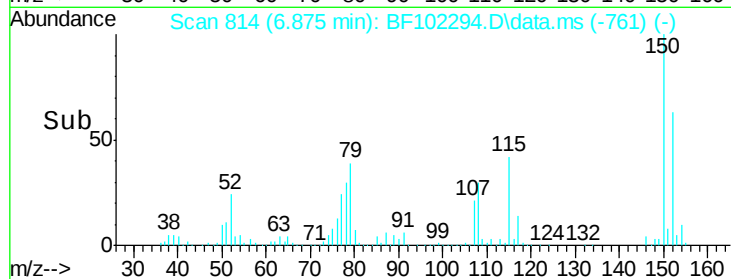
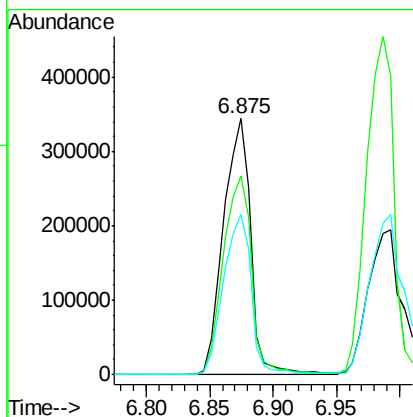
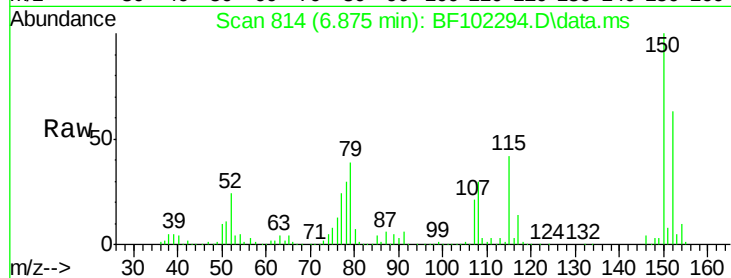




#15
Benzyl Alcohol
Concen: 60.78 ng
RT: 6.875 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

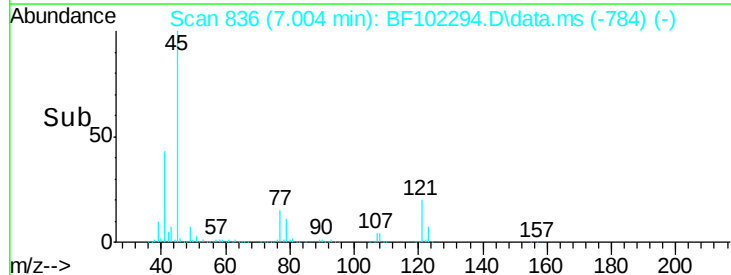
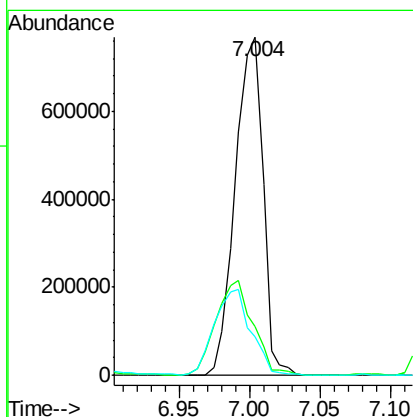
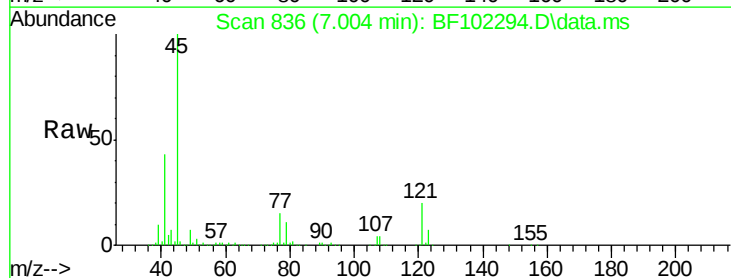
Instrument :
BNA_F
ClientSampleId :

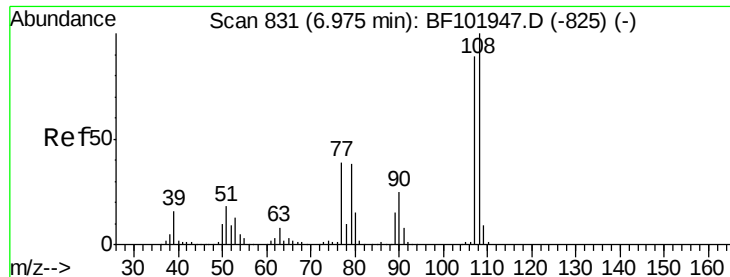
Tot Ion: 79 Resp: 510139
Ion Ratio Lower Upper
79 100
108 77.3 65.1 97.7
77 62.7 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.00 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.006 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

Tgt Ion: 45 Resp: 1055175
Ion Ratio Lower Upper
45 100
77 14.6 0.0 32.9
79 11.3 0.0 29.6

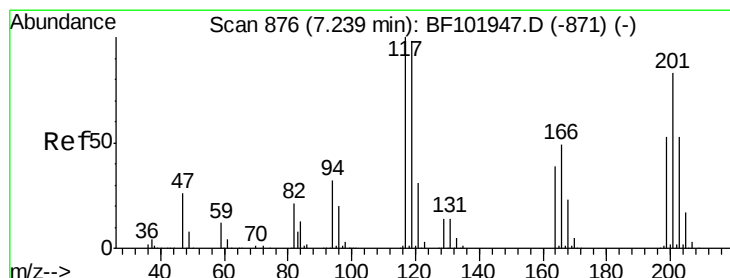
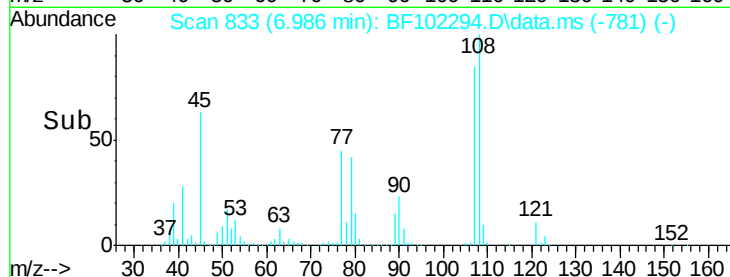
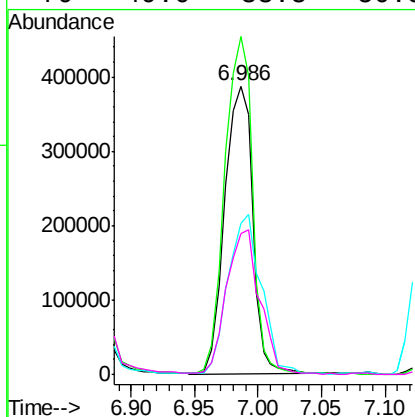
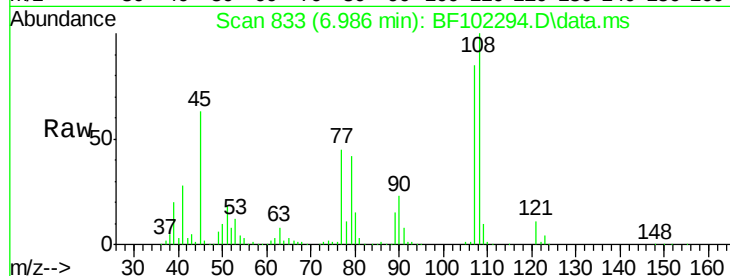




#17
2-Methylphenol
Concen: 67.77 ng
RT: 6.986 min Scan# 831
Delta R.T. 0.006 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

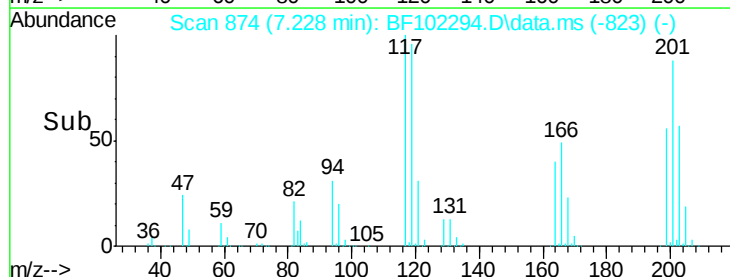
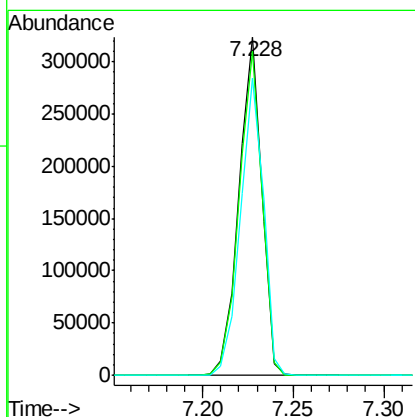
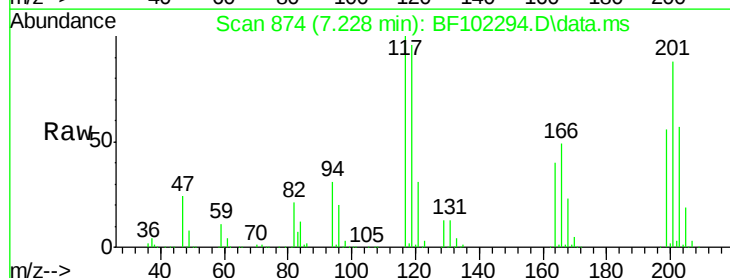
Instrument :
BNA_F
ClientSampleId :

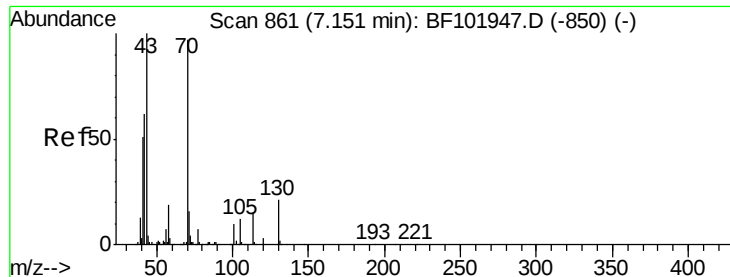
Tot Ion	Ratio	Lower	Upper
107	100		
108	117.1	91.7	137.5
77	52.3	33.8	50.8
79	49.0	33.8	50.8



#18
Hexachloroethane
Concen: 72.07 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	88.0	75.7	113.5

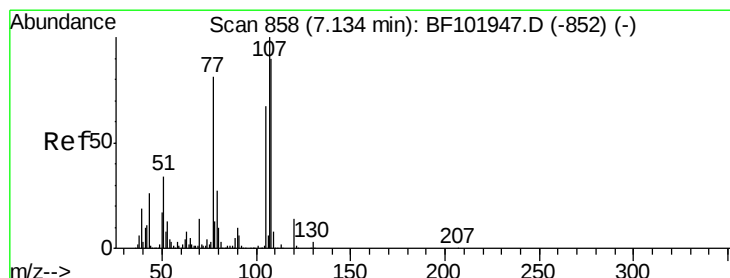
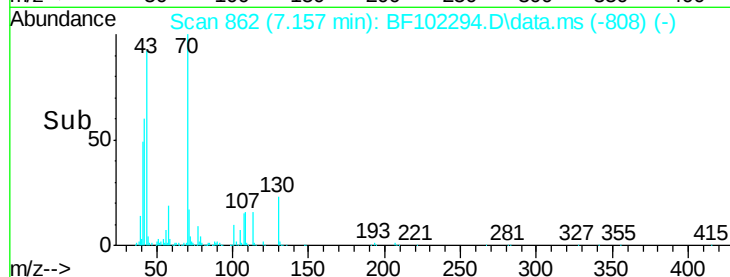
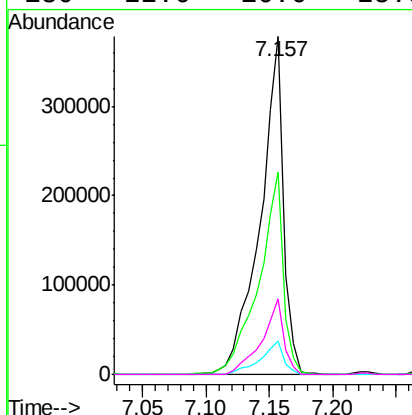
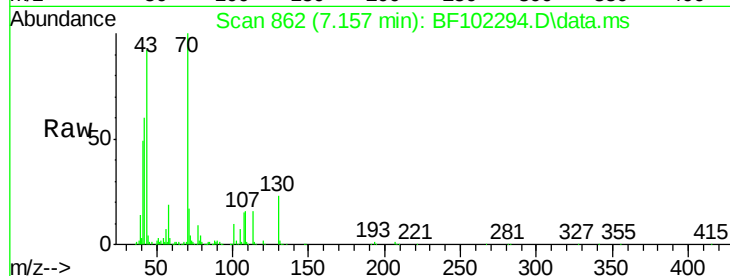




#19
n-Nitroso-di-n-propylamine
Concen: 64.51 ng
RT: 7.157 min Scan# 861
Delta R.T. 0.017 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

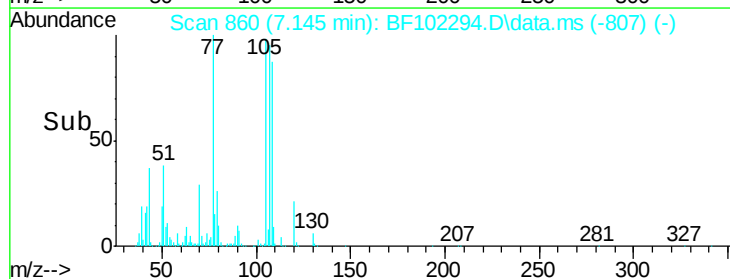
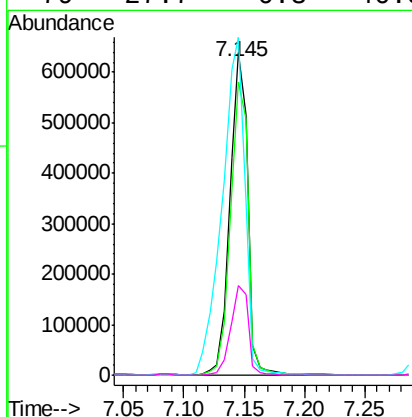
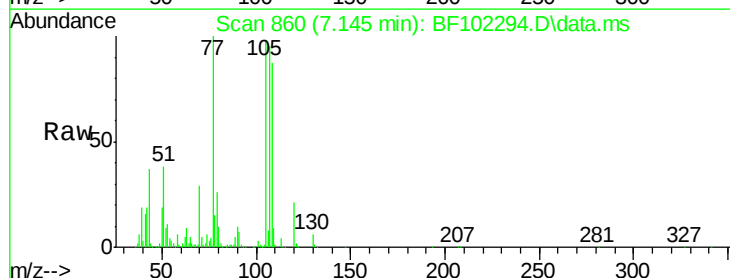
Instrument :
BNA_F
ClientSampleId :

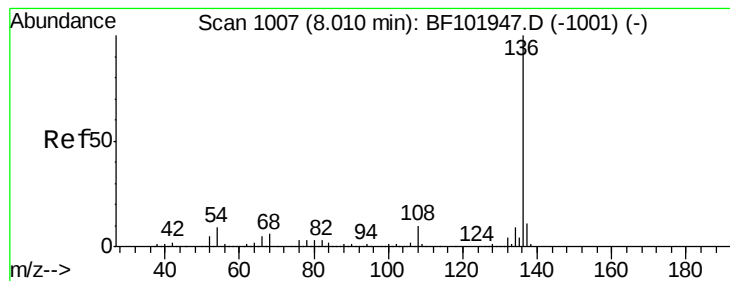
Tot Ion: 70 Resp: 485038
Ion Ratio Lower Upper
70 100
42 59.7 47.5 71.3
101 9.8 7.4 11.2
130 22.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 62.55 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.012 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

Tgt Ion: 107 Resp: 653413
Ion Ratio Lower Upper
107 100
108 91.1 68.2 108.2
77 104.9 26.7 66.7#
79 27.7 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.004 min Scan# 10

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 566012

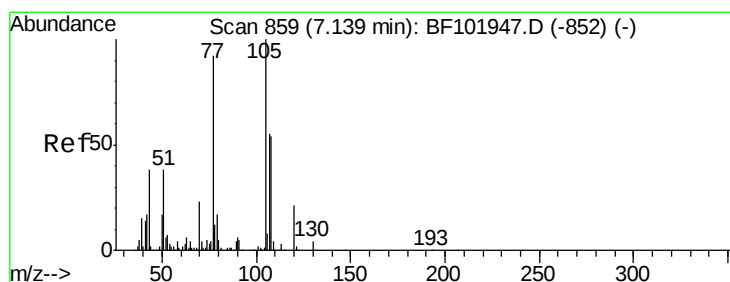
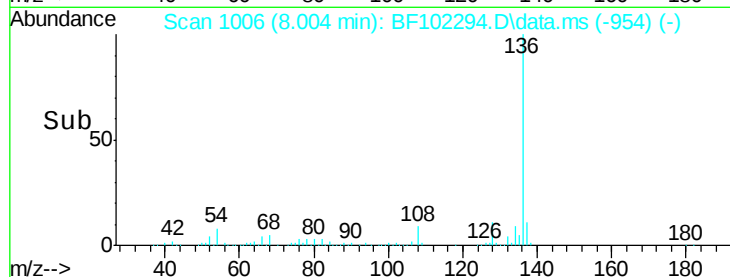
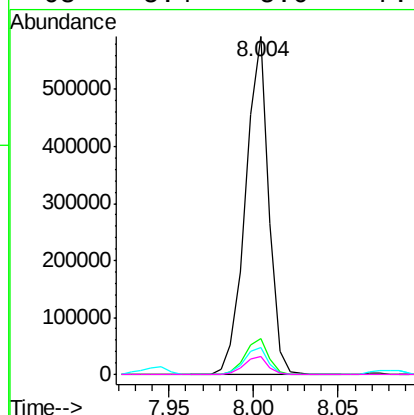
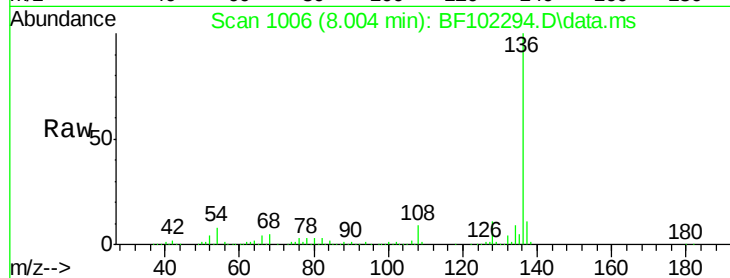
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.9 6.6 9.8

68 5.4 5.0 7.4



#22

Acetophenone

Concen: 68.02 ng

RT: 7.145 min Scan# 860

Delta R.T. 0.012 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Tgt Ion:105 Resp: 927582

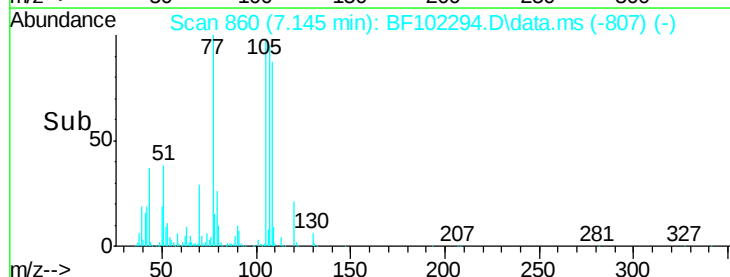
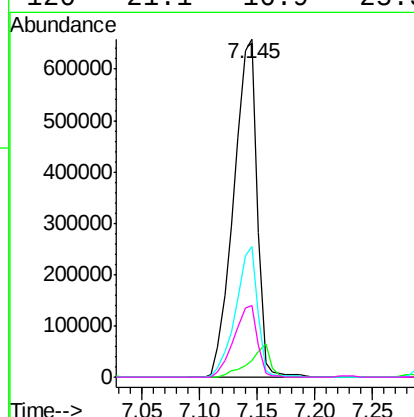
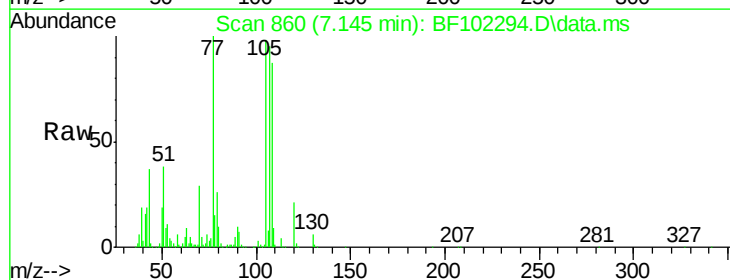
Ion Ratio Lower Upper

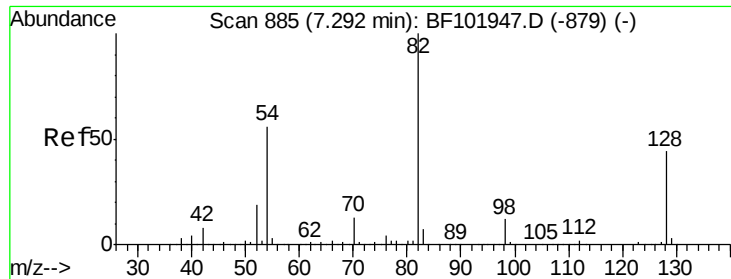
105 100

71 5.0 4.4 6.6

51 38.8 22.3 33.5#

120 21.1 16.9 25.3





#23

Nitrobenzene-d5

Concen: 149.31 ng

RT: 7.298 min Scan# 88

Delta R.T. 0.012 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

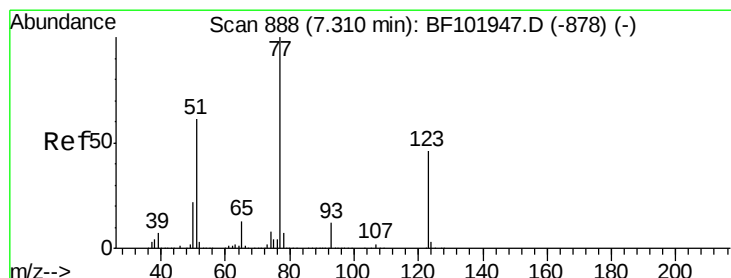
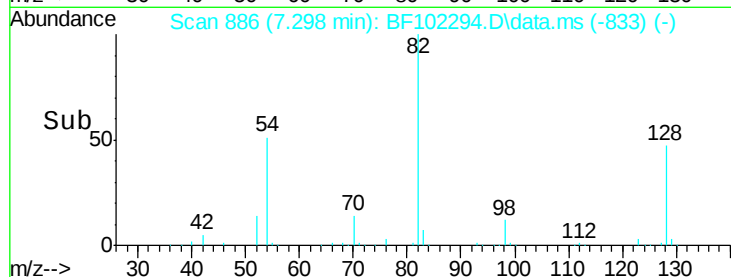
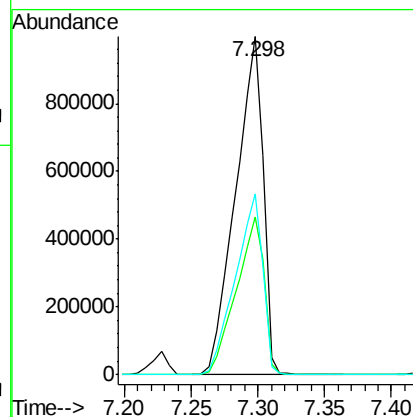
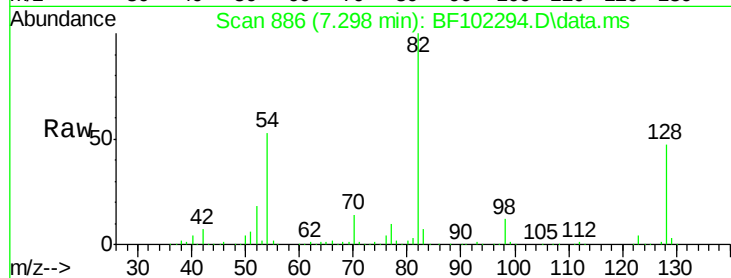
Tot Ion: 82 Resp: 1438138

Ion Ratio Lower Upper

82 100

128 46.5 36.1 54.1

54 53.3 41.4 62.2



#24

Nitrobenzene

Concen: 69.88 ng

RT: 7.316 min Scan# 889

Delta R.T. 0.012 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

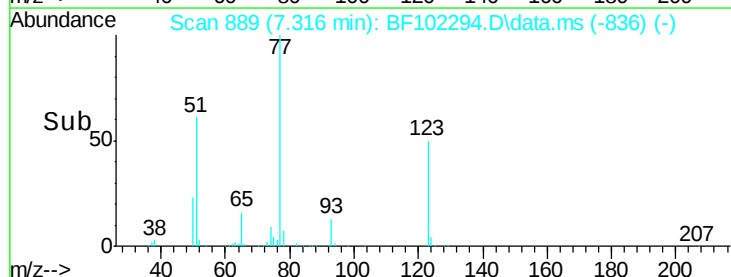
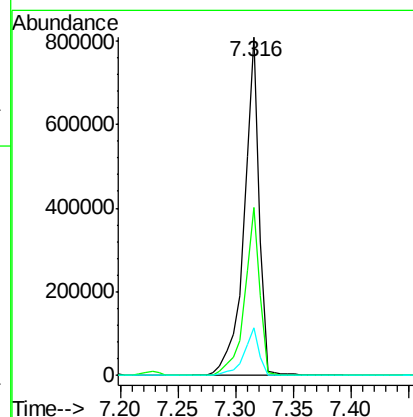
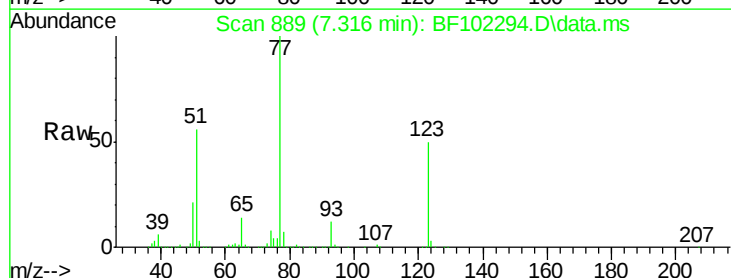
Tgt Ion: 77 Resp: 723216

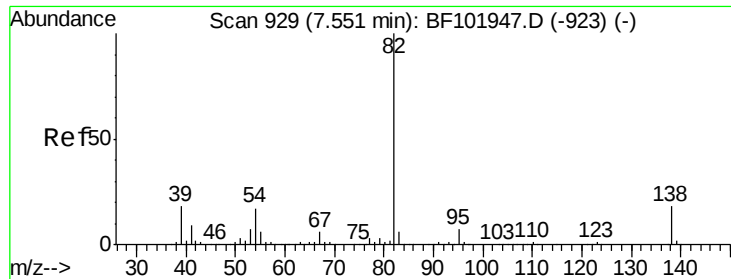
Ion Ratio Lower Upper

77 100

123 49.6 37.9 56.9

65 14.0 11.0 16.4





#25

Isophorone

Concen: 69.96 ng

RT: 7.557 min Scan# 93

Delta R.T. 0.012 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

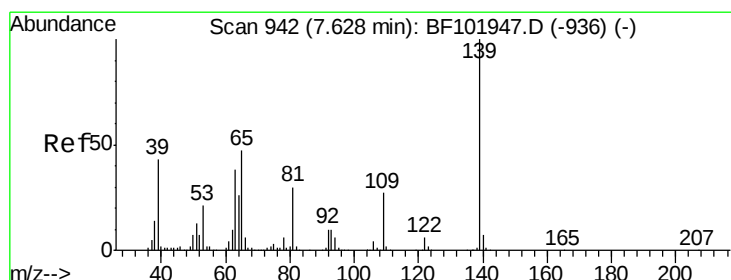
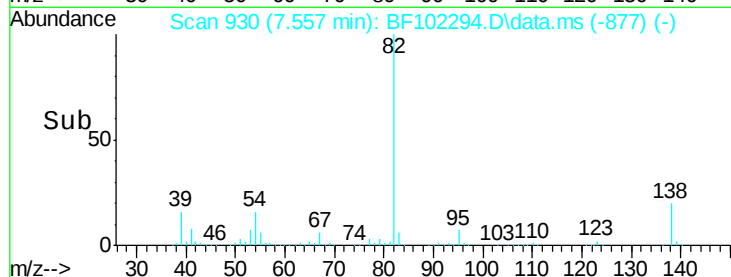
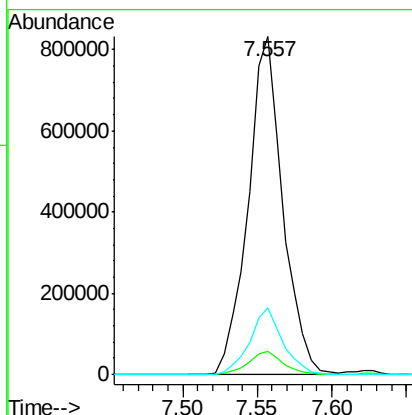
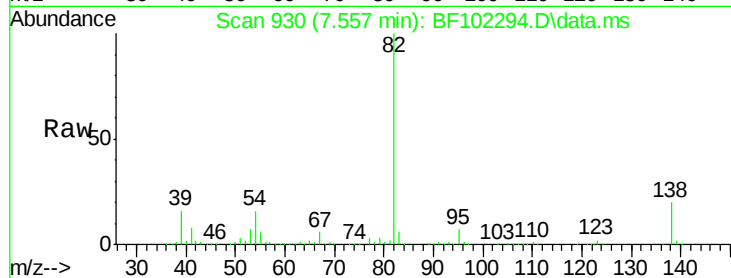
Tot Ion: 82 Resp: 1331385

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 19.6 14.9 22.3



#26

2-Nitrophenol

Concen: 92.64 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.000 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

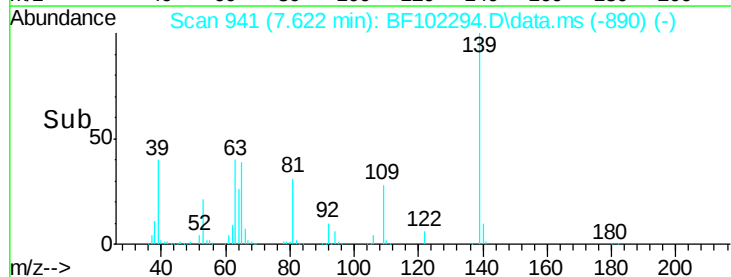
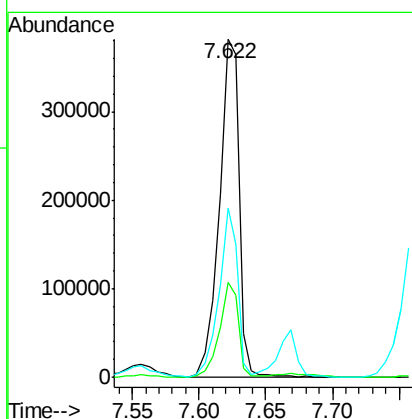
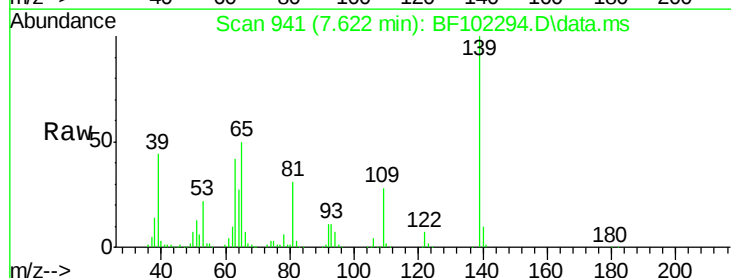
Tgt Ion: 139 Resp: 401311

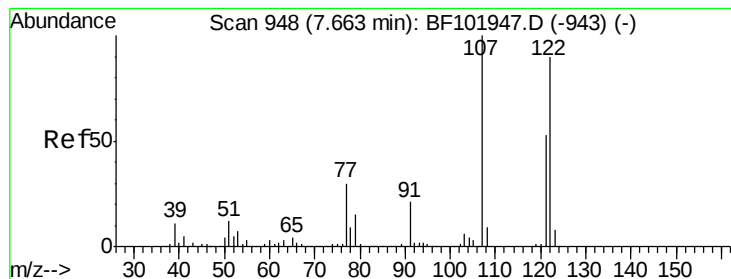
Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

65 50.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 69.82 ng

RT: 7.669 min Scan# 94

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

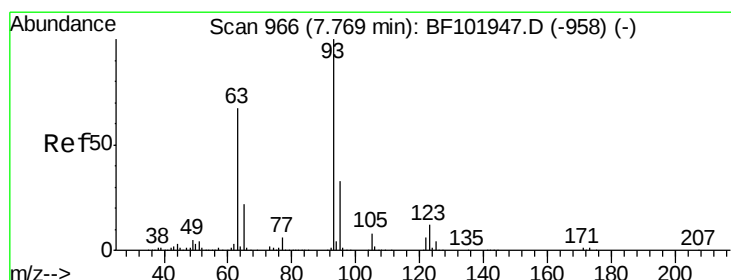
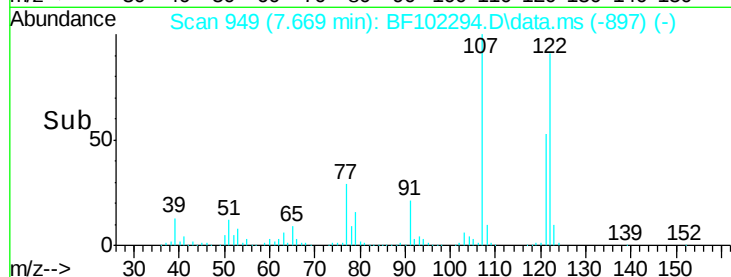
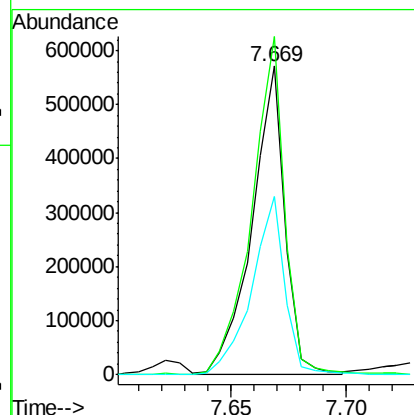
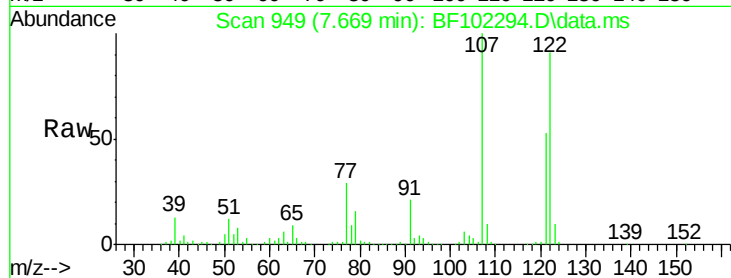
Tot Ion:122 Resp: 564853

Ion Ratio Lower Upper

122 100

107 109.7 91.2 136.8

121 57.9 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 69.47 ng

RT: 7.763 min Scan# 965

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

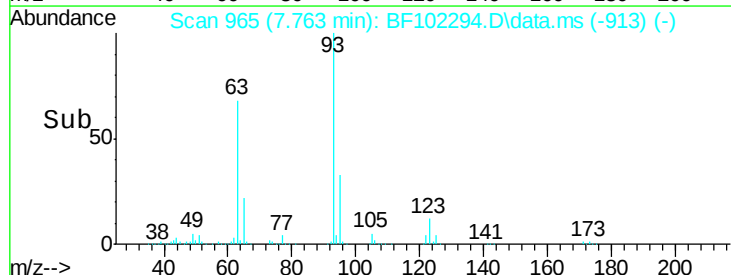
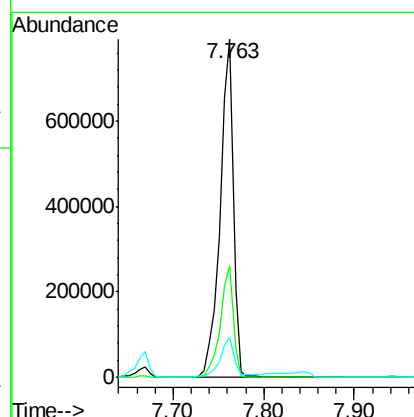
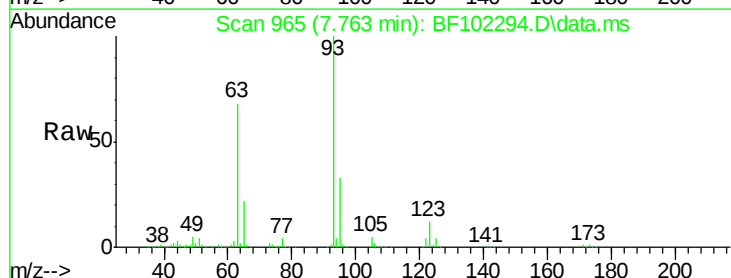
Tgt Ion: 93 Resp: 798355

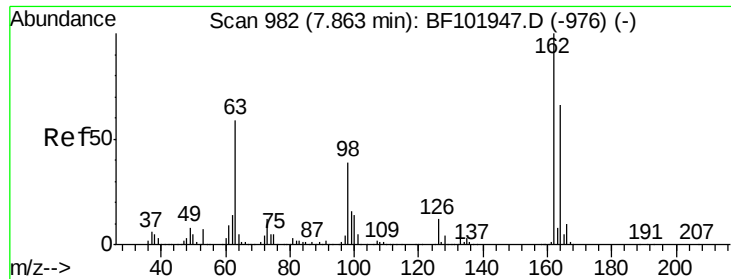
Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

123 11.8 9.8 14.6

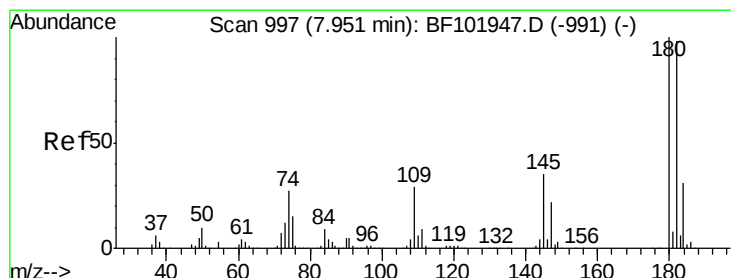
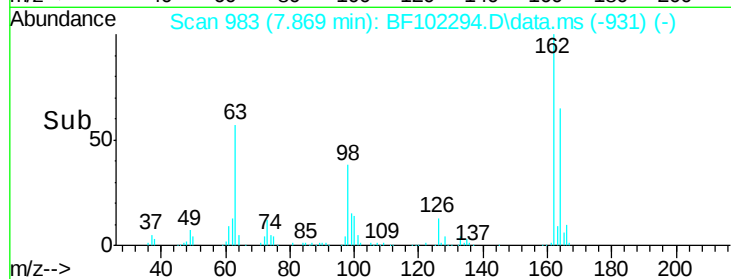
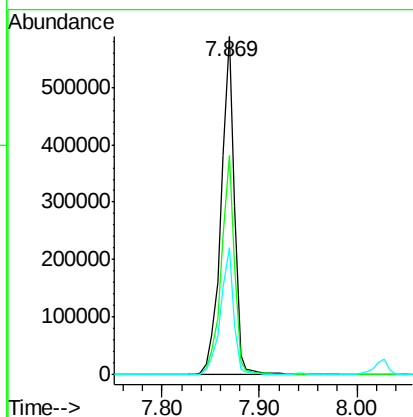
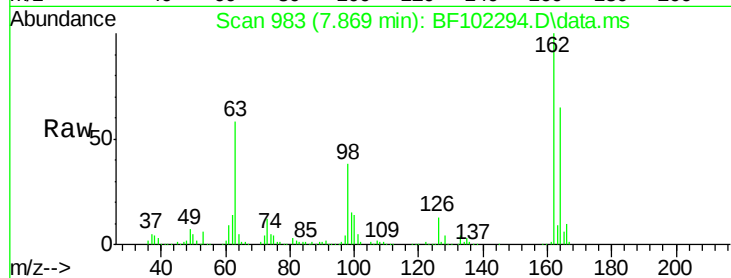




#29
2,4-Dichlorophenol
Concen: 72.49 ng
RT: 7.869 min Scan# 98
Delta R.T. 0.006 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

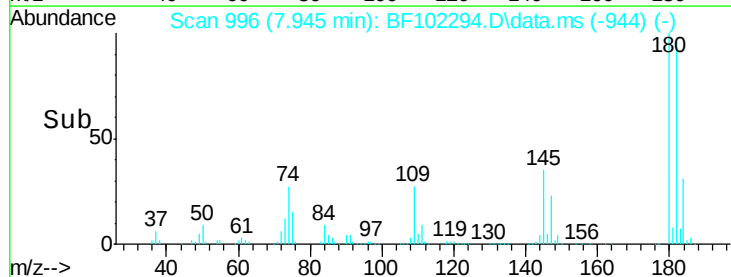
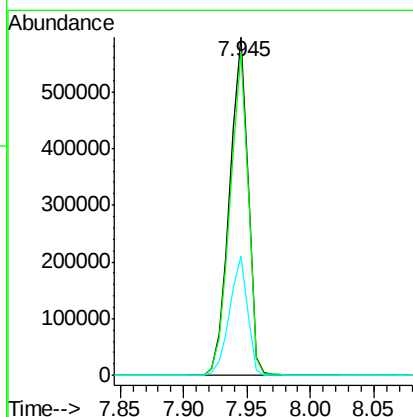
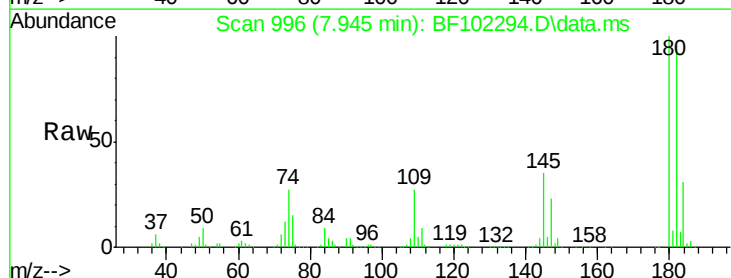
Instrument :
BNA_F
ClientSampleId :

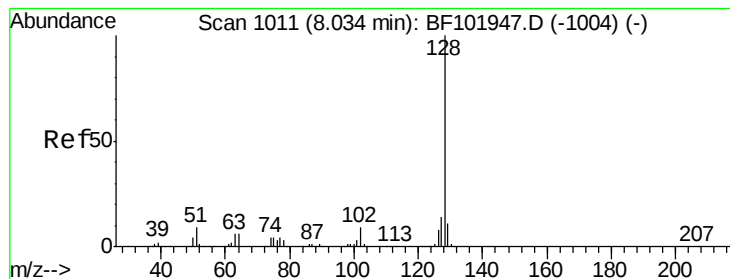
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.7	82.7
98	37.7	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 74.26 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.006 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.8	115.2
145	35.4	26.5	39.7





#31

Naphthalene

Concen: 69.03 ng

RT: 8.028 min Scan# 1011

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

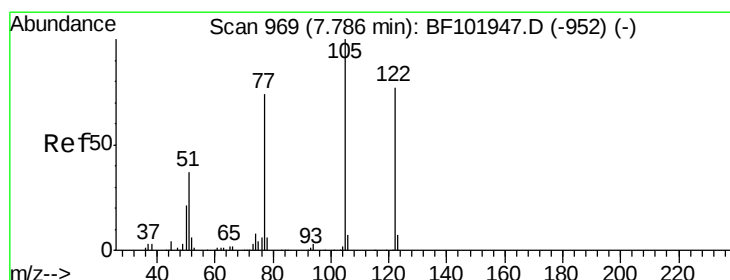
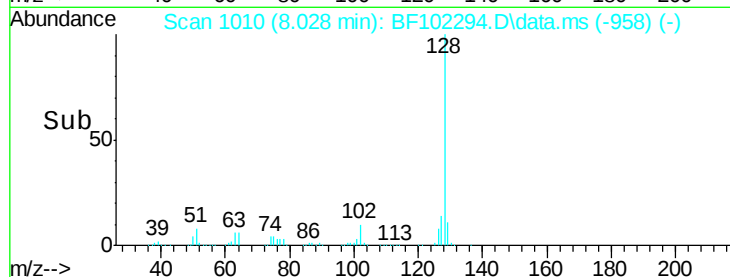
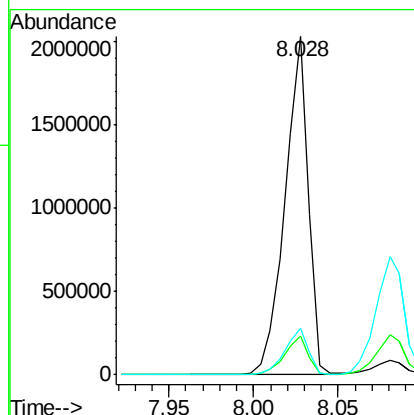
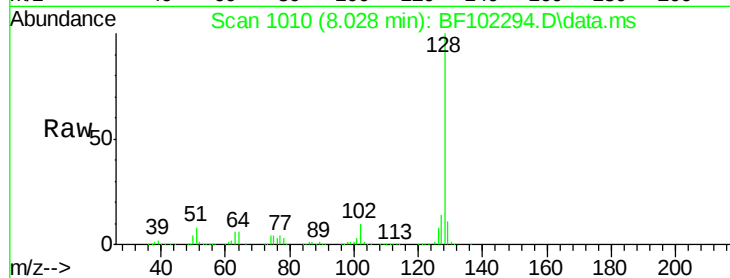
Tot Ion:128 Resp: 1952439

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 13.8 10.9 16.3



#32

Benzoic acid

Concen: 90.34 ng

RT: 7.845 min Scan# 979

Delta R.T. 0.041 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

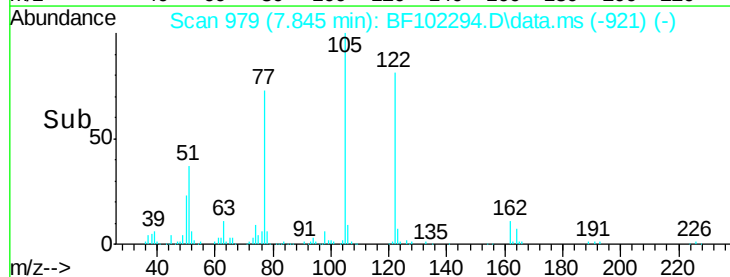
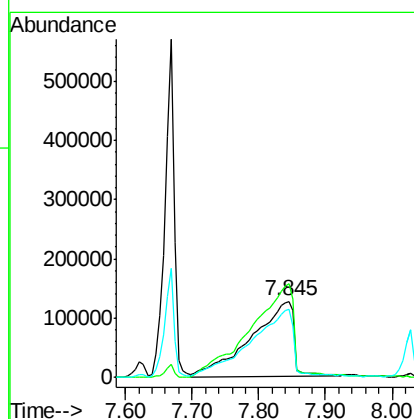
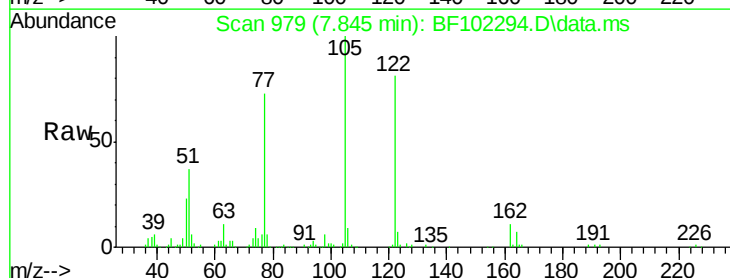
Tgt Ion:122 Resp: 554246

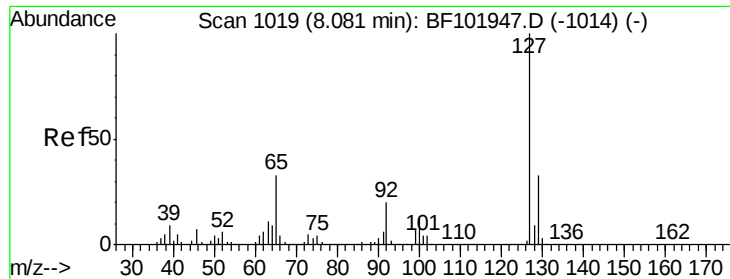
Ion Ratio Lower Upper

122 100

105 123.6 101.1 141.1

77 90.0 70.7 110.7

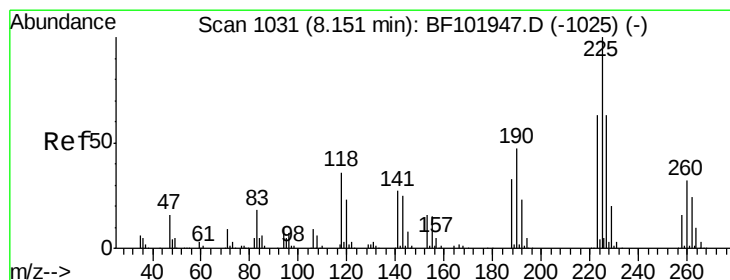
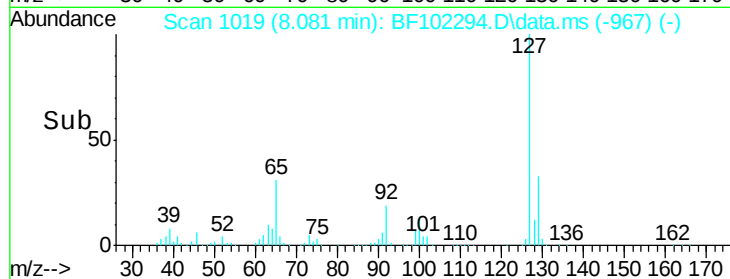
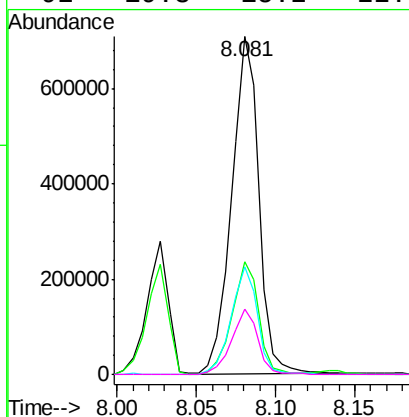
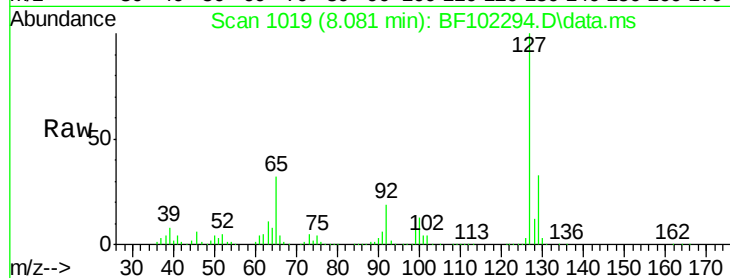




#33
4-Chloroaniline
Concen: 69.62 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

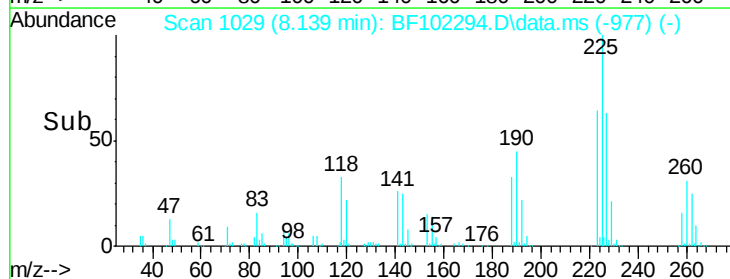
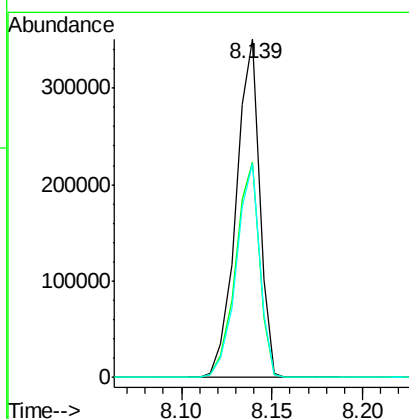
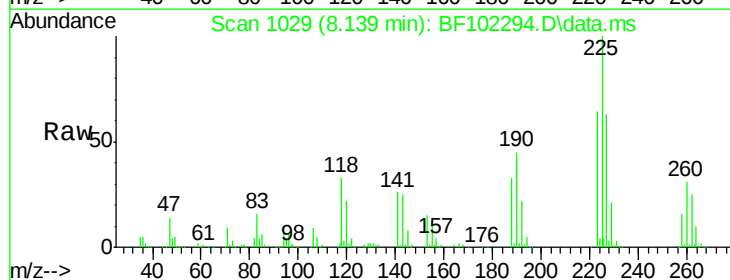
Instrument :
BNA_F
ClientSampleId :

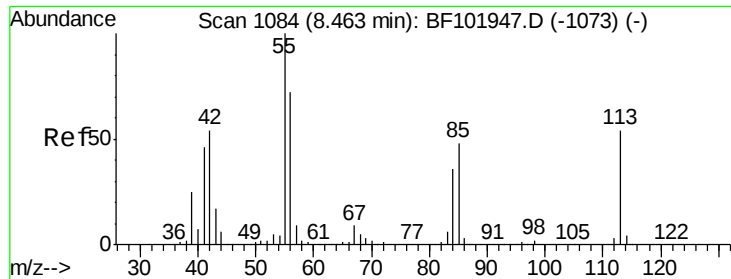
Tot Ion:	127	Resp:	840422
Ion Ratio	Lower	Upper	
127	100		
129	33.5	25.9	38.9
65	31.9	25.0	37.4
92	19.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 74.45 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.006 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

Tgt Ion:	225	Resp:	316660
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.6	76.0
227	63.3	51.9	77.9





#35

Caprolactam

Concen: 61.36 ng

RT: 8.492 min Scan# 10

Delta R.T. 0.035 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

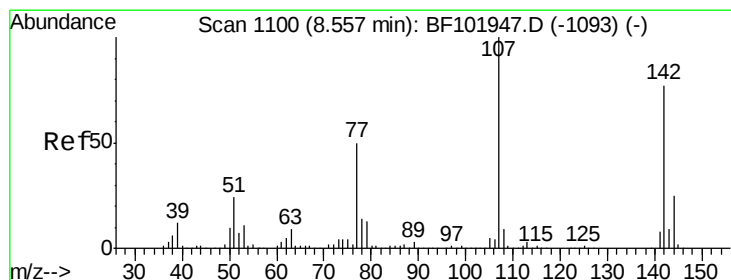
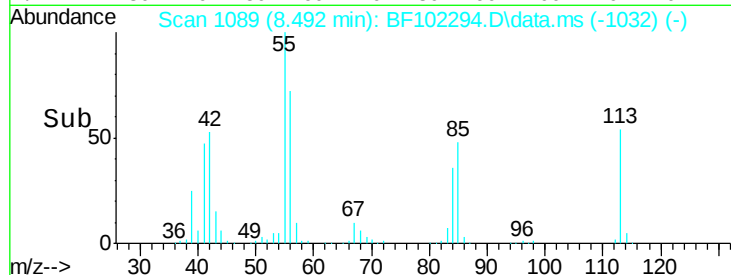
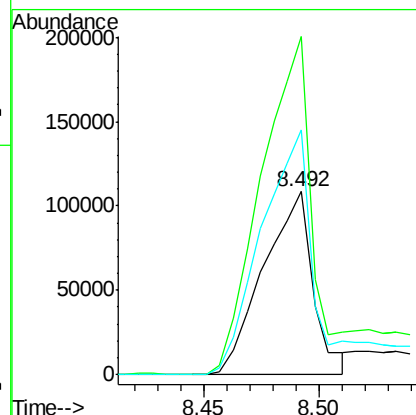
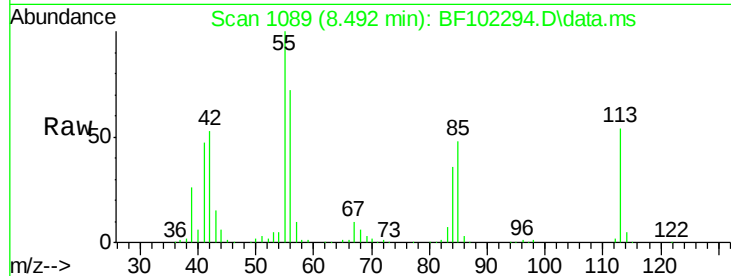
Tot Ion:113 Resp: 161824

Ion Ratio Lower Upper

113 100

55 185.1 163.3 203.3

56 133.9 115.7 155.7



#36

4-Chloro-3-methylphenol

Concen: 71.20 ng

RT: 8.575 min Scan# 1103

Delta R.T. 0.012 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

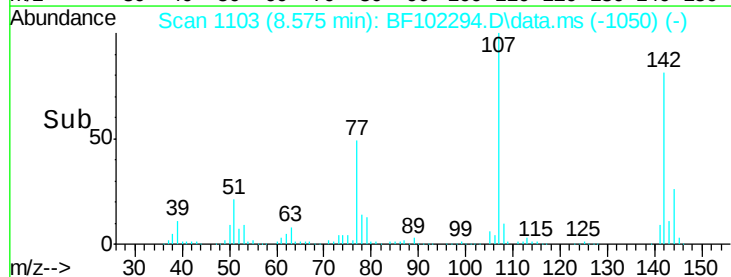
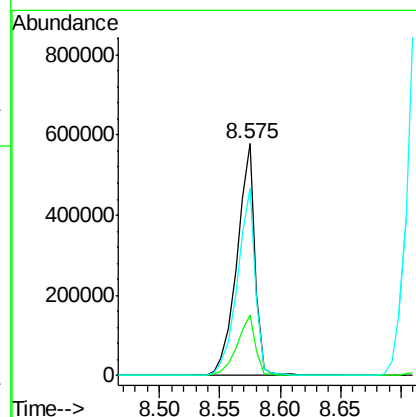
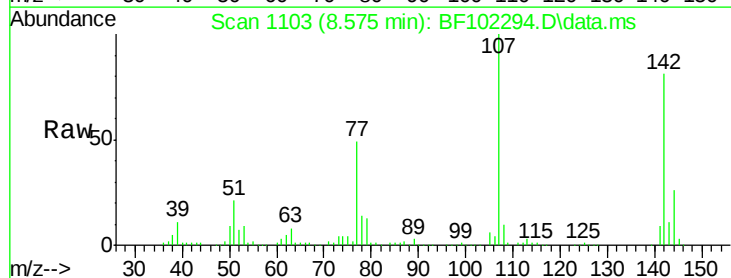
Tgt Ion:107 Resp: 598741

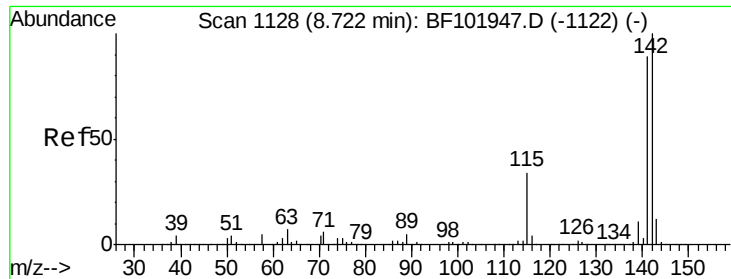
Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

142 81.0 62.0 93.0

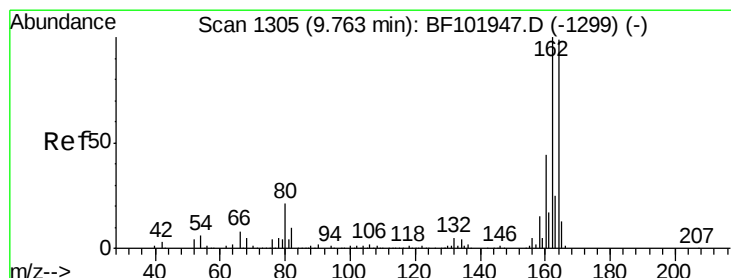
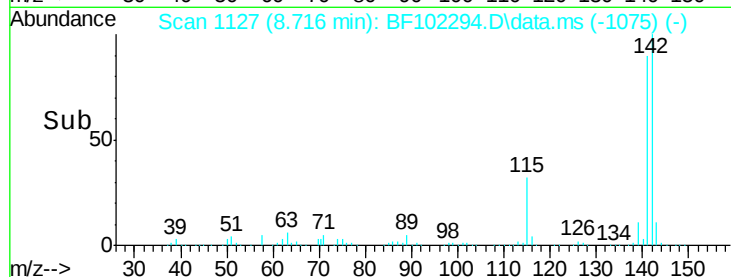
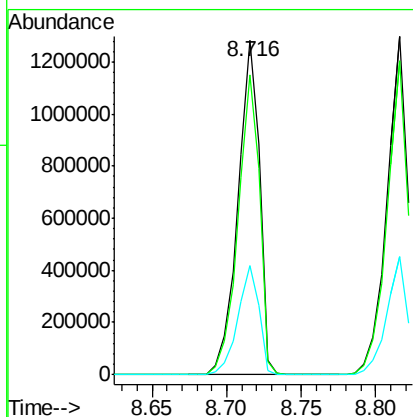
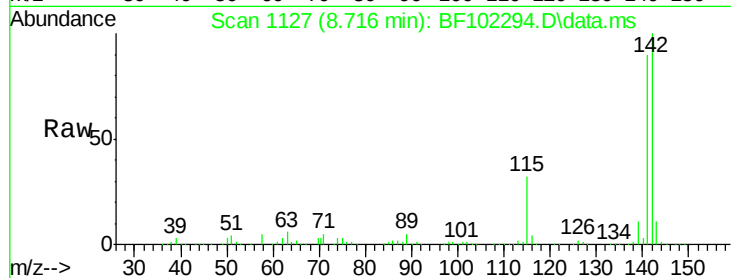




#37
2-Methylnaphthalene
Concen: 69.50 ng
RT: 8.716 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

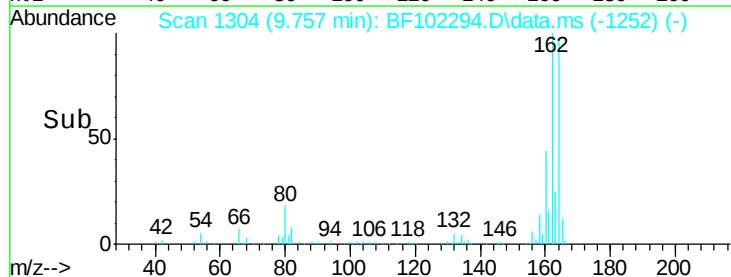
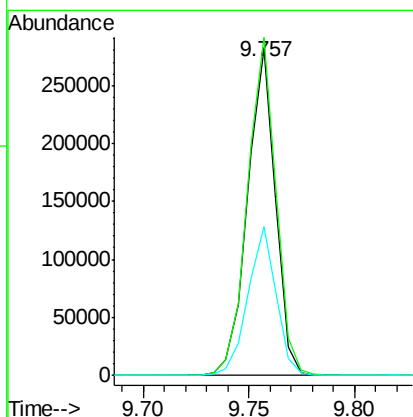
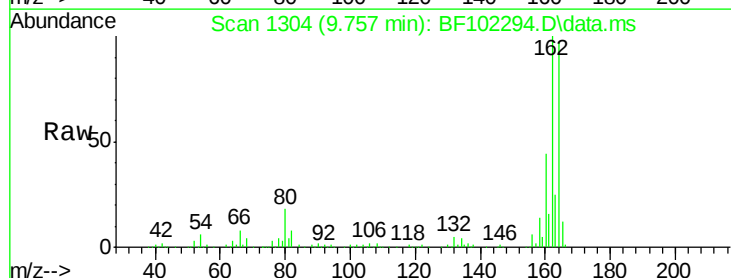
Instrument :
BNA_F
ClientSampleId :

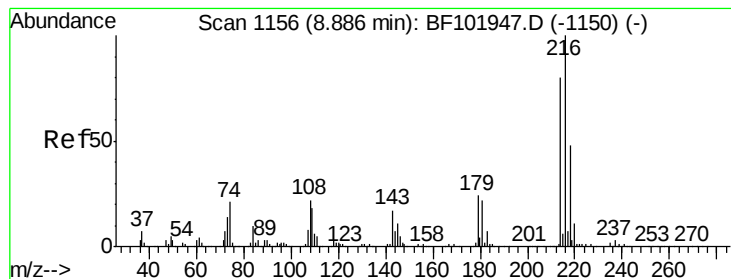
Tot Ion:142 Resp: 1293956
Ion Ratio Lower Upper
142 100
141 89.7 70.8 106.2
115 32.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

Tgt Ion:164 Resp: 258159
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 45.6 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 73.21 ng

RT: 8.880 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 534689

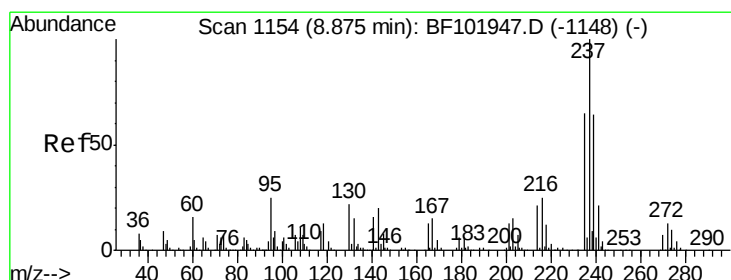
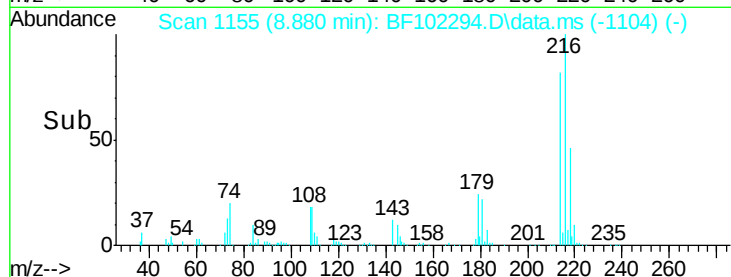
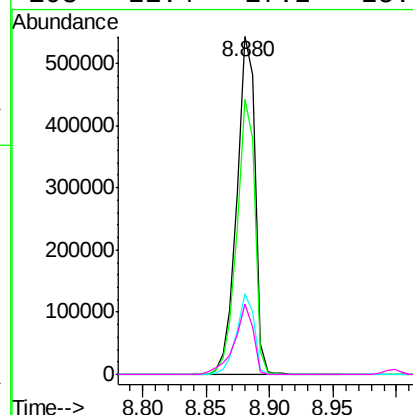
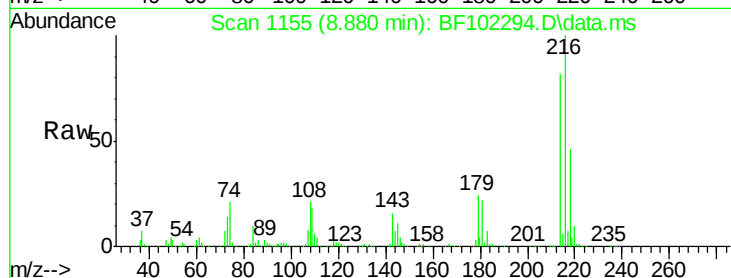
Ion Ratio Lower Upper

216 100

214 80.4 63.0 94.4

179 22.7 18.1 27.1

108 21.4 17.2 25.8



#40

Hexachlorocyclopentadiene

Concen: 72.99 ng

RT: 8.863 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

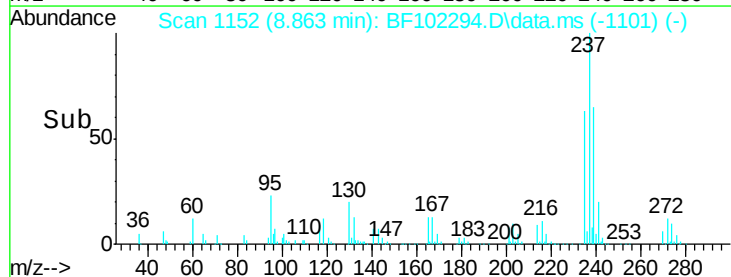
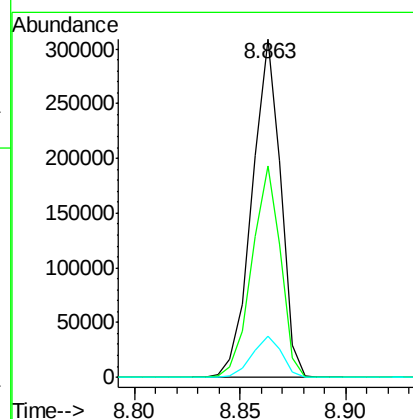
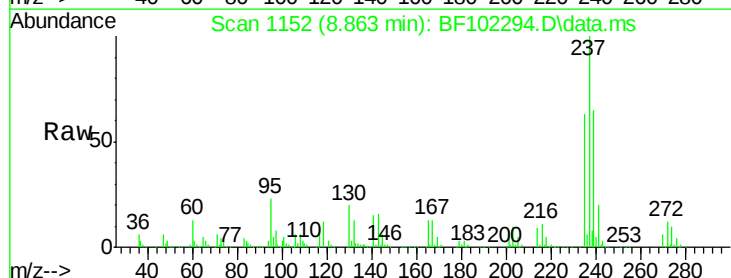
Tgt Ion:237 Resp: 291535

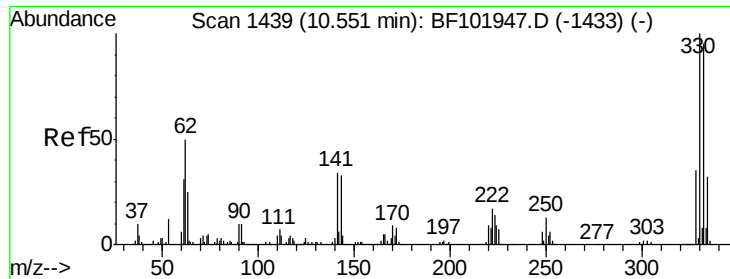
Ion Ratio Lower Upper

237 100

235 62.7 44.8 84.8

272 12.1 0.0 33.3

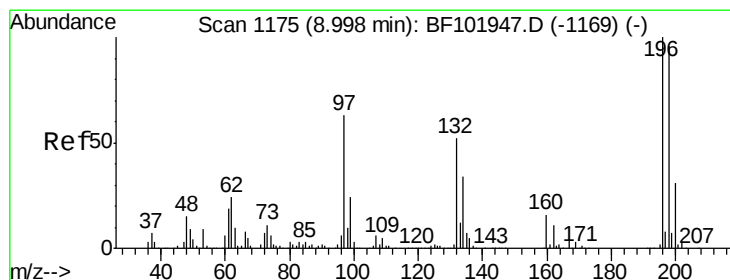
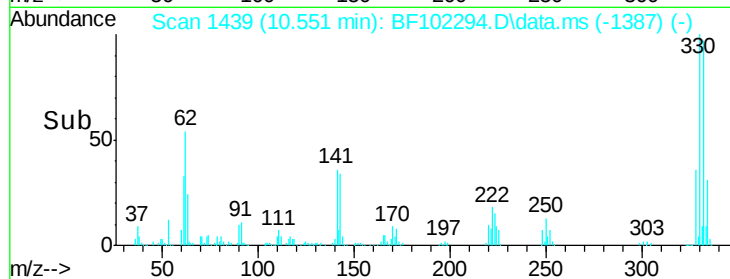
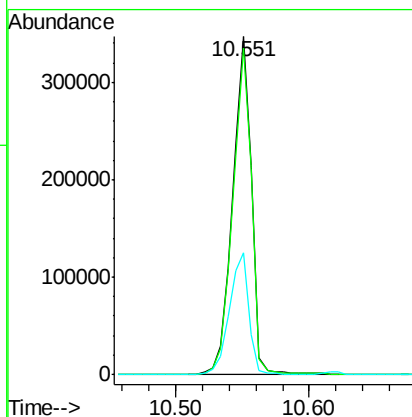
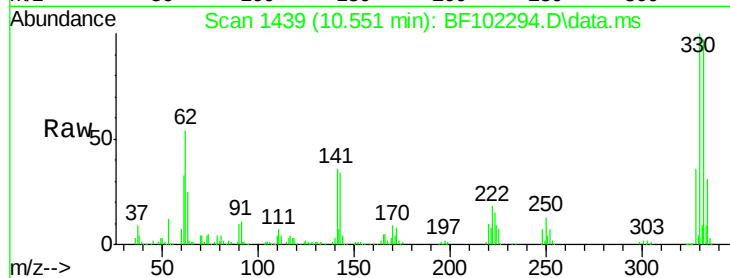




#41
 2,4,6-Tribromophenol
 Concen: 153.47 ng
 RT: 10.551 min Scan# 1439
 Delta R.T. 0.006 min
 Lab File: BF102294.D
 Acq: 22 Jan 2018 12:49

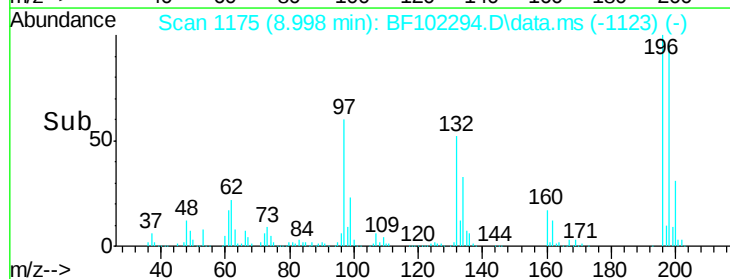
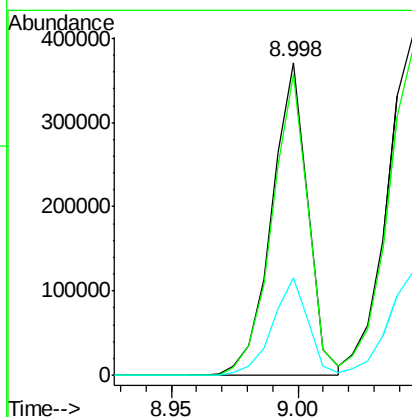
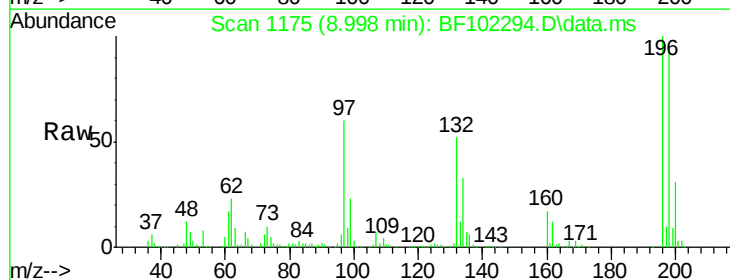
Instrument :
 BNA_F
 ClientSampleId :

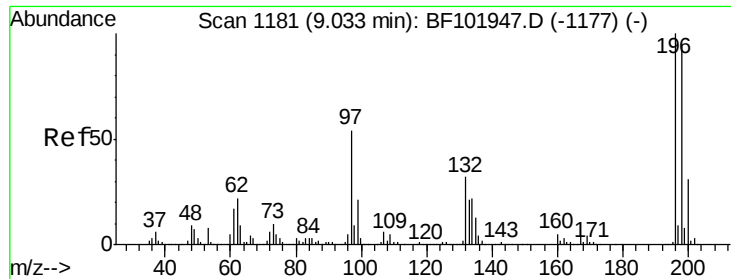
Tot Ion:330 Resp: 345761
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 37.3 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 73.50 ng
 RT: 8.998 min Scan# 1175
 Delta R.T. 0.006 min
 Lab File: BF102294.D
 Acq: 22 Jan 2018 12:49

Tgt Ion:196 Resp: 369903
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.7 113.5
 200 31.0 24.5 36.7

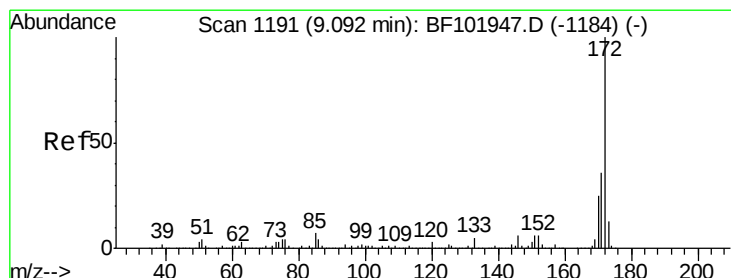
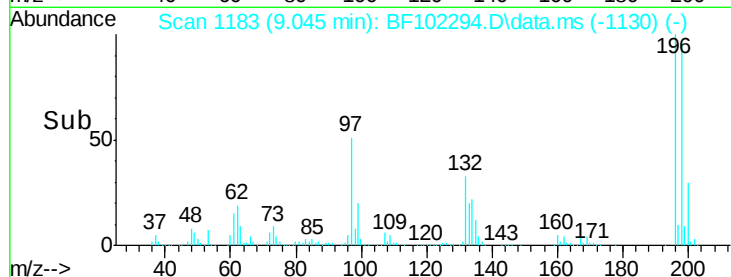
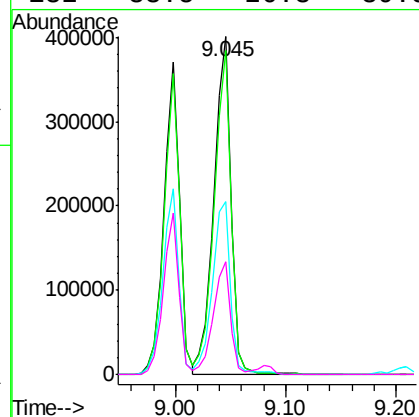
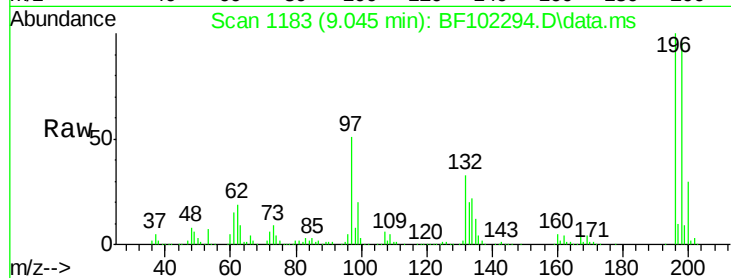




#43
2,4,5-Trichlorophenol
Concen: 74.06 ng
RT: 9.045 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

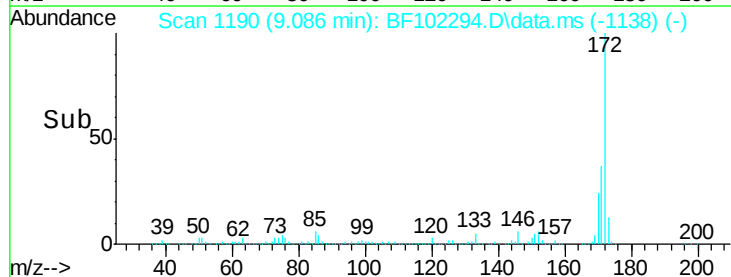
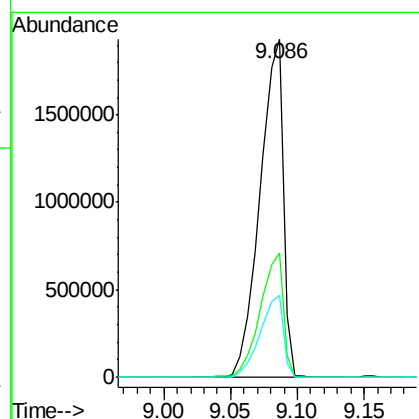
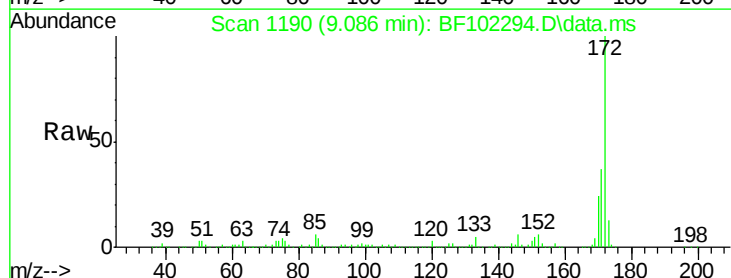
Instrument :
BNA_F
ClientSampleId :

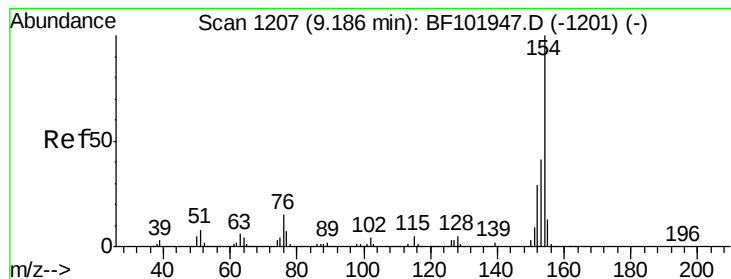
Tot Ion:196 Resp: 421261
Ion Ratio Lower Upper
196 100
198 95.9 74.6 112.0
97 51.0 42.9 64.3
132 33.5 26.3 39.5



#44
2-Fluorobiphenyl
Concen: 139.80 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

Tgt Ion:172 Resp: 2310185
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.2 19.6 29.4





#45

1,1'-Biphenyl

Concen: 66.52 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

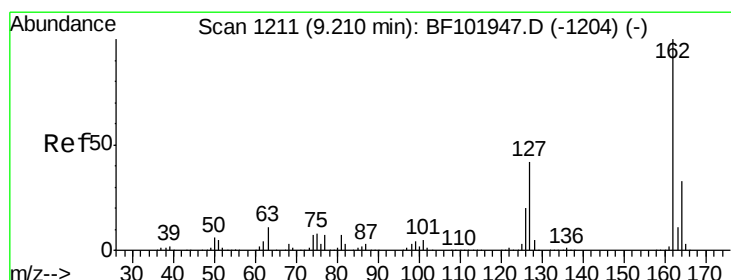
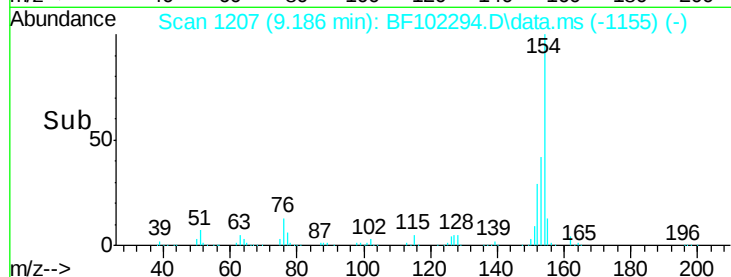
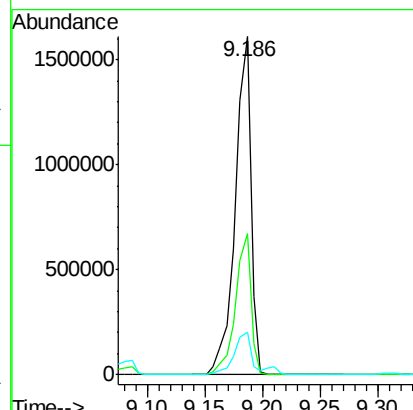
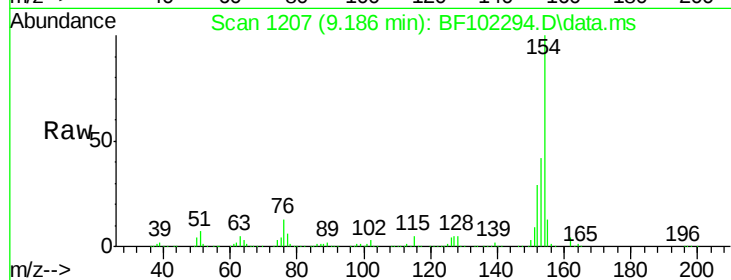
Tot Ion:154 Resp: 1517831

Ion Ratio Lower Upper

154 100

153 41.8 21.3 61.3

76 12.6 0.0 34.0



#46

2-Chloronaphthalene

Concen: 68.69 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

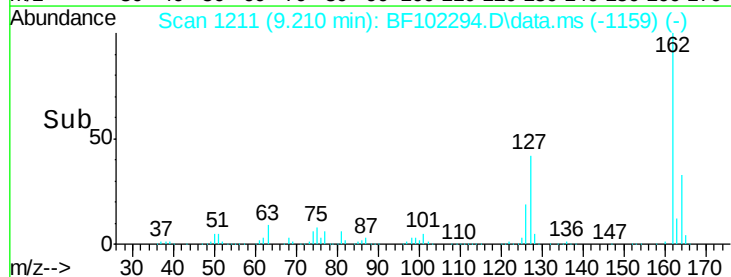
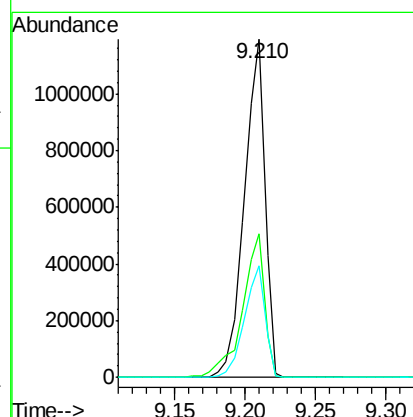
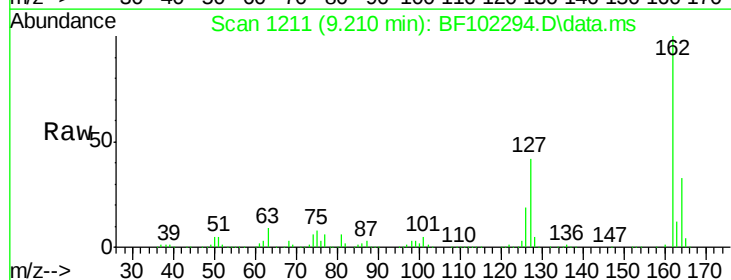
Tgt Ion:162 Resp: 1215514

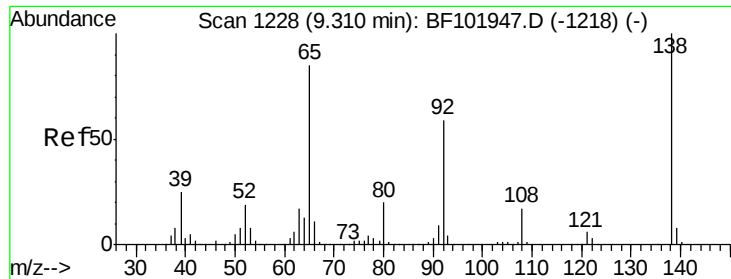
Ion Ratio Lower Upper

162 100

127 42.5 33.9 50.9

164 33.1 26.5 39.7

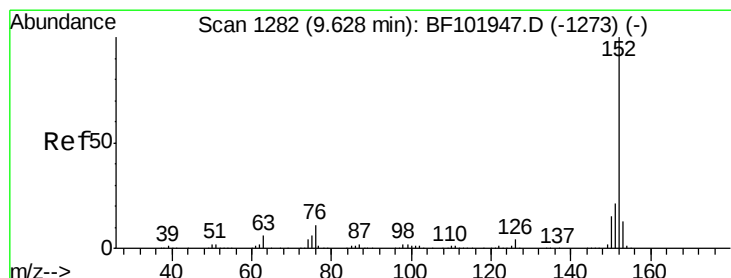
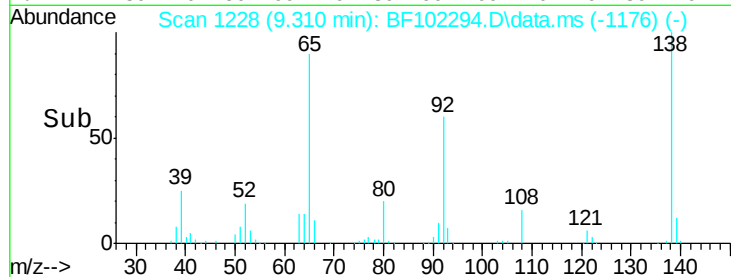
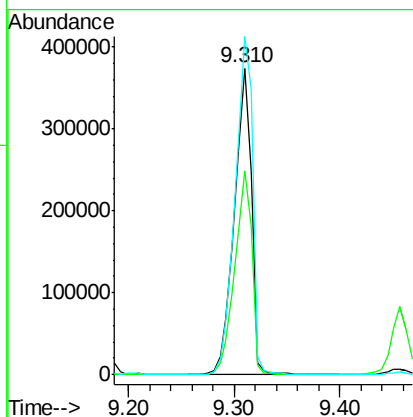
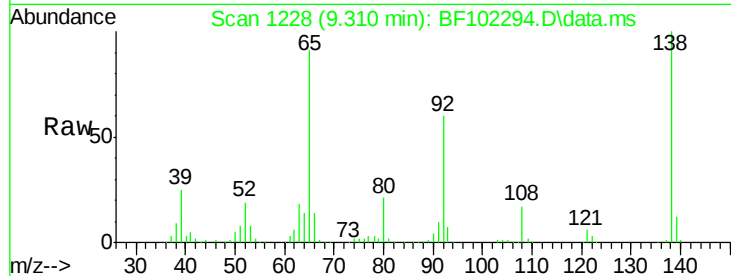




#47
 2-Nitroaniline
 Concen: 78.16 ng
 RT: 9.310 min Scan# 1228
 Delta R.T. 0.006 min
 Lab File: BF102294.D
 Acq: 22 Jan 2018 12:49

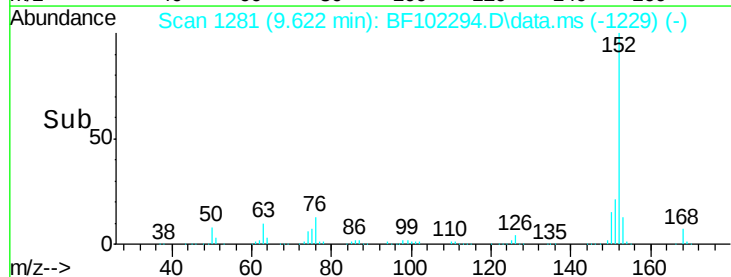
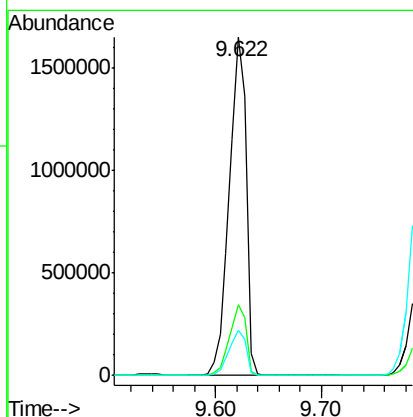
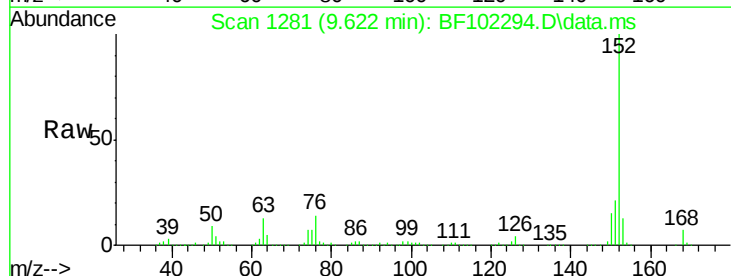
Instrument :
 BNA_F
 ClientSampleId :

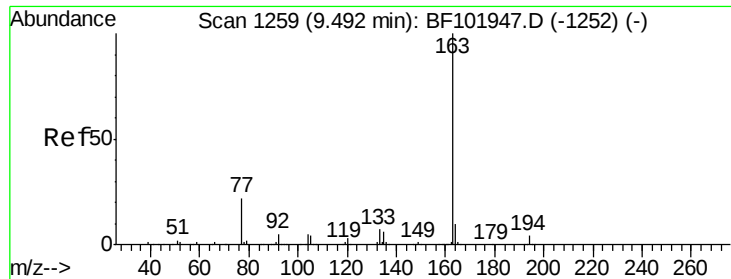
Tot Ion: 65 Resp: 414298
 Ion Ratio Lower Upper
 65 100
 92 66.4 55.8 83.6
 138 110.3 91.2 136.8



#48
 Acenaphthylene
 Concen: 64.88 ng
 RT: 9.622 min Scan# 1281
 Delta R.T. 0.006 min
 Lab File: BF102294.D
 Acq: 22 Jan 2018 12:49

Tgt Ion: 152 Resp: 1822037
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.3 24.5
 153 13.5 10.7 16.1





#49

Dimethylphthalate

Concen: 74.62 ng

RT: 9.498 min Scan# 12

Delta R.T. 0.017 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

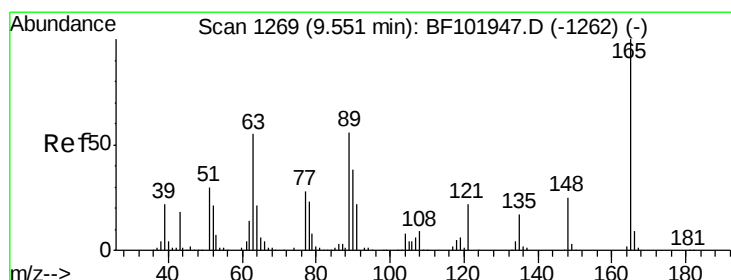
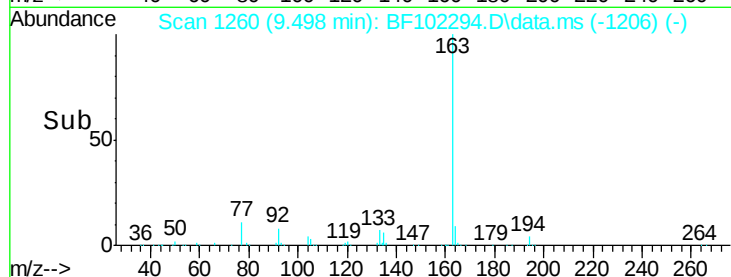
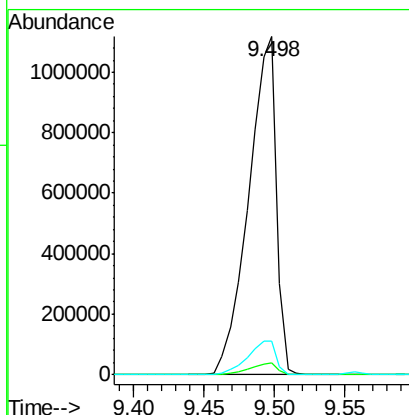
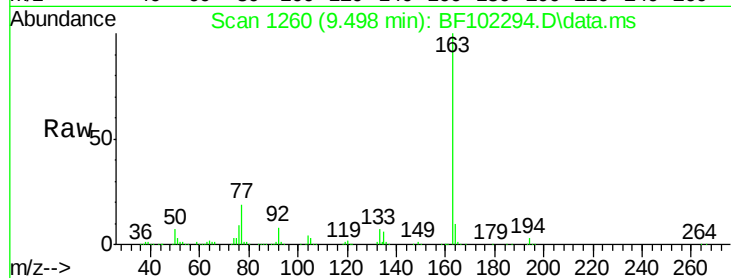
Tot Ion:163 Resp: 1545361

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

164 9.9 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 79.74 ng

RT: 9.557 min Scan# 1270

Delta R.T. 0.012 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

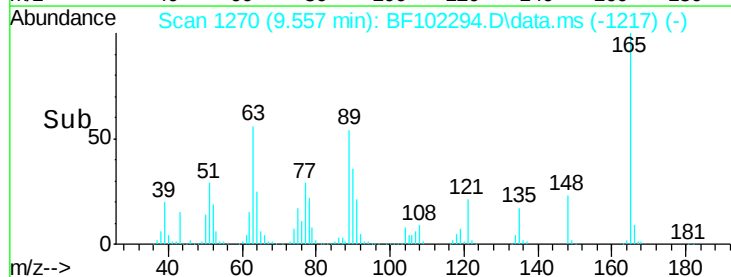
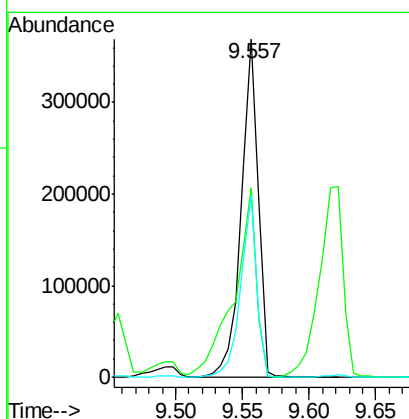
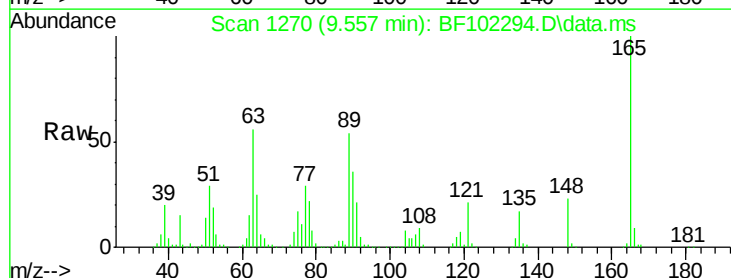
Tgt Ion:165 Resp: 329859

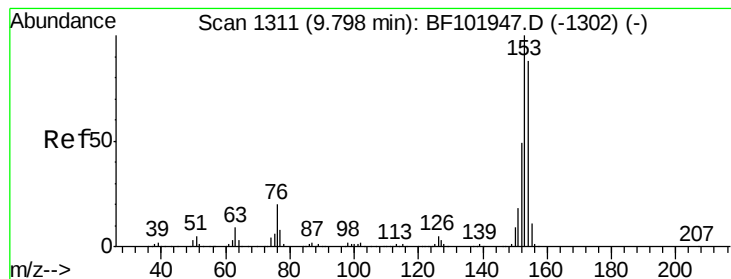
Ion Ratio Lower Upper

165 100

63 56.2 44.7 67.1

89 53.7 44.0 66.0





#51

Acenaphthene

Concen: 64.54 ng

RT: 9.792 min Scan# 1311

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

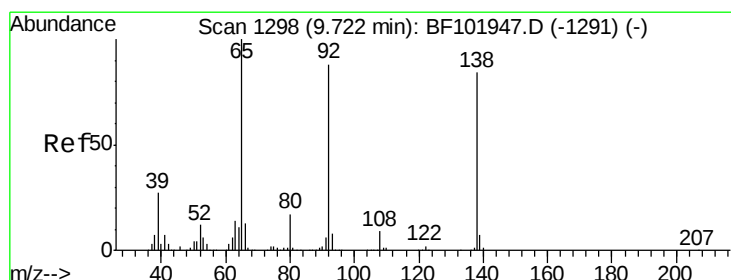
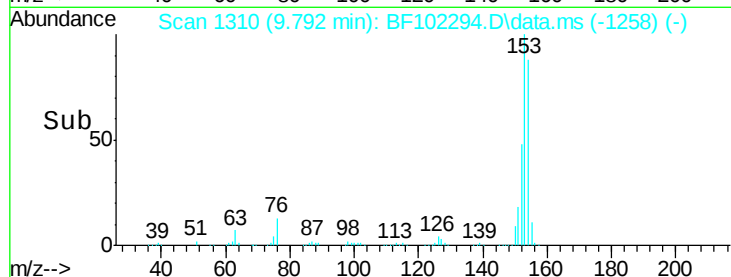
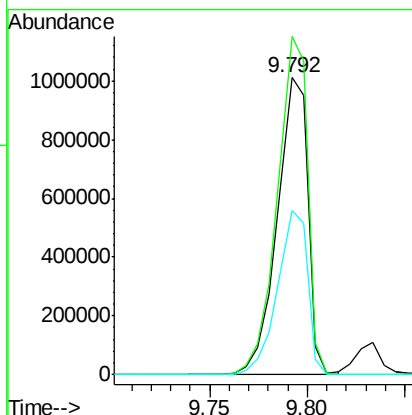
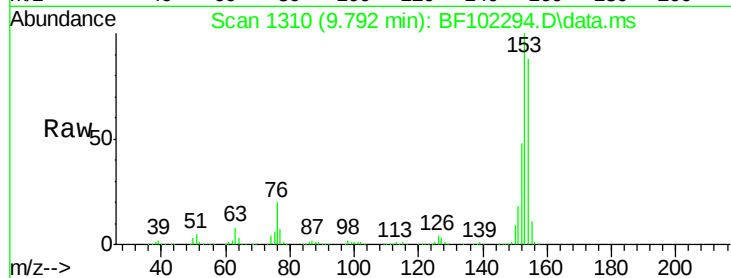
Tot Ion:154 Resp: 1099963

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

152 55.2 43.8 65.8



#52

3-Nitroaniline

Concen: 75.43 ng

RT: 9.727 min Scan# 1299

Delta R.T. 0.012 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

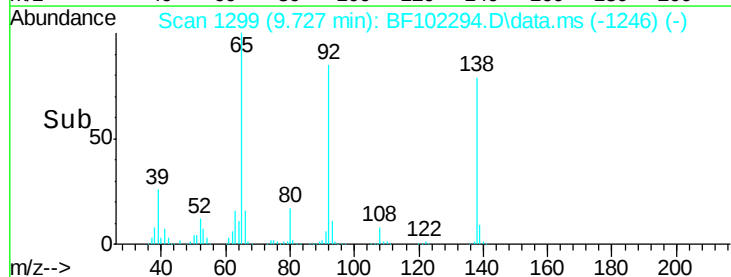
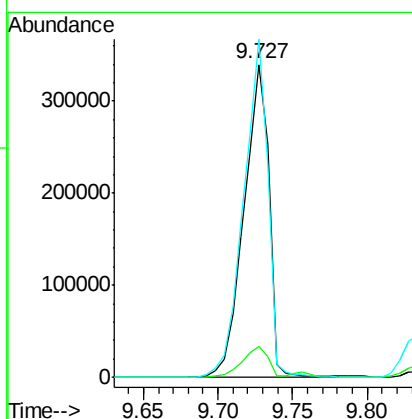
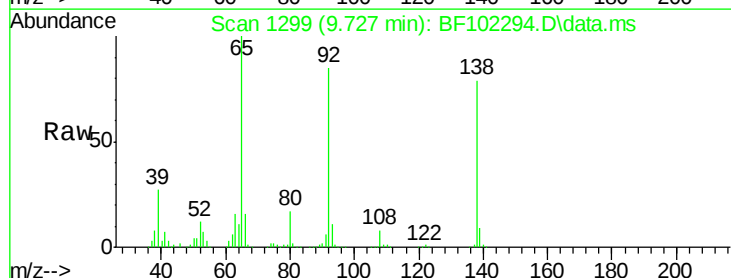
Tgt Ion:138 Resp: 393812

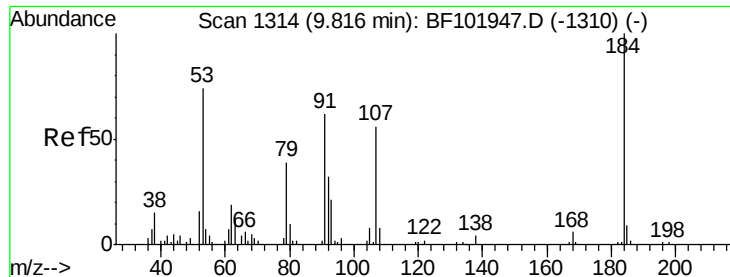
Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

92 108.1 89.4 134.2





#53

2,4-Dinitrophenol

Concen: 129.82 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.012 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampled :

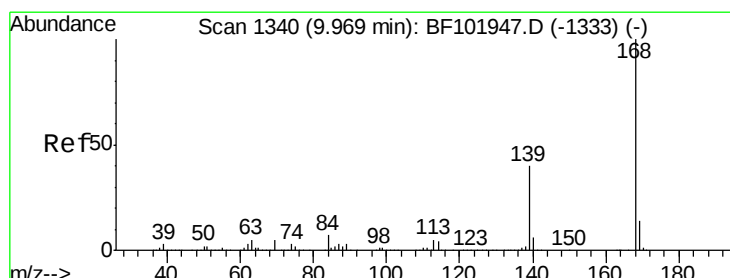
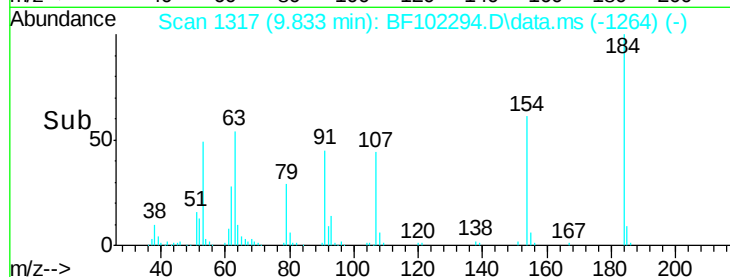
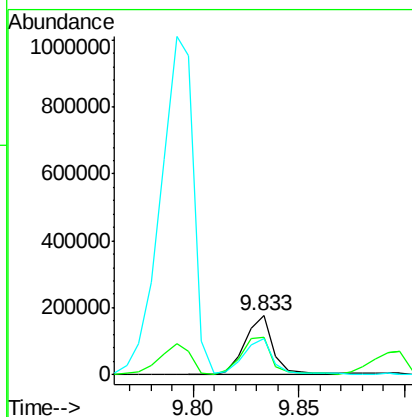
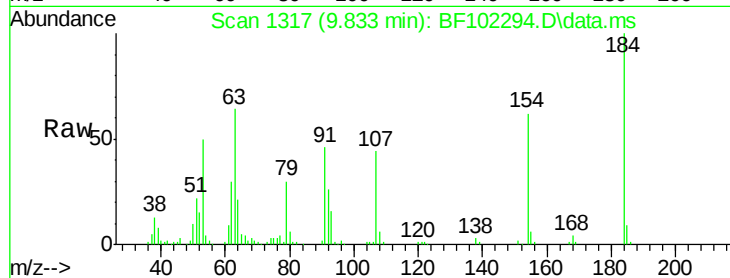
Tot Ion:184 Resp: 163643

Ion Ratio Lower Upper

184 100

63 64.3 54.2 81.2

154 61.6 184.0 276.0#



#54

Dibenzofuran

Concen: 63.04 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.012 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

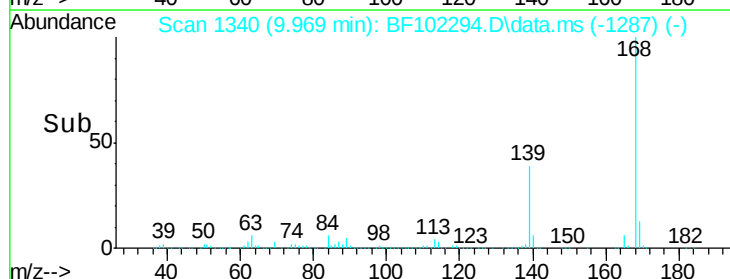
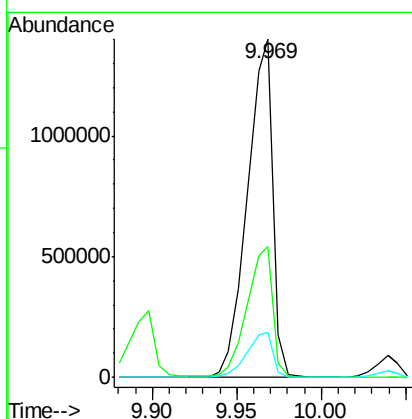
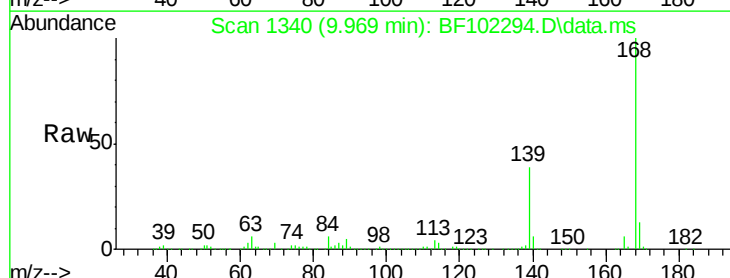
Tgt Ion:168 Resp: 1474523

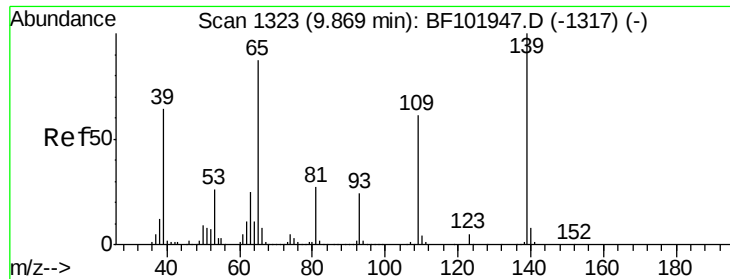
Ion Ratio Lower Upper

168 100

139 38.6 30.1 45.1

169 13.2 10.9 16.3

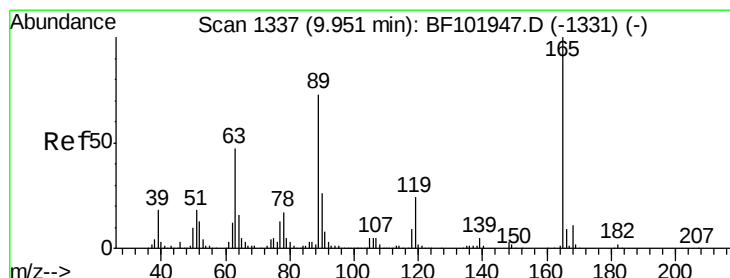
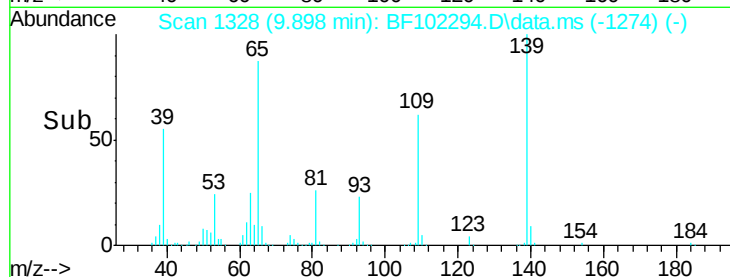
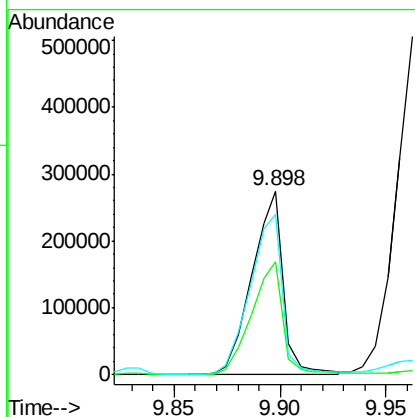
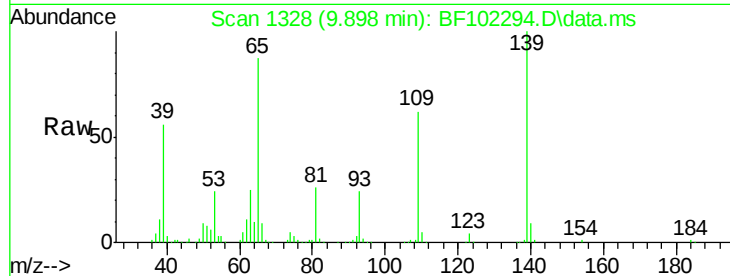




#55
4-Nitrophenol
Concen: 72.06 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.017 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

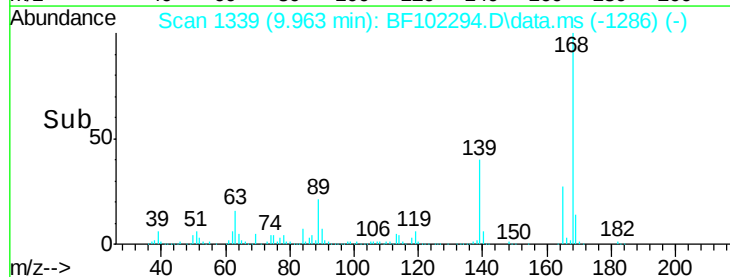
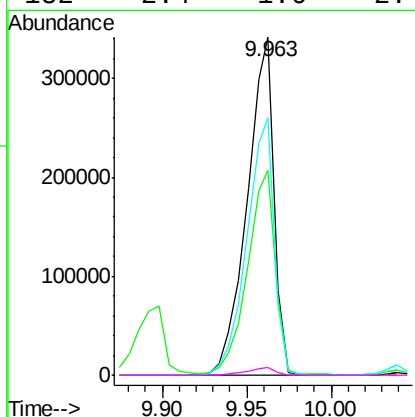
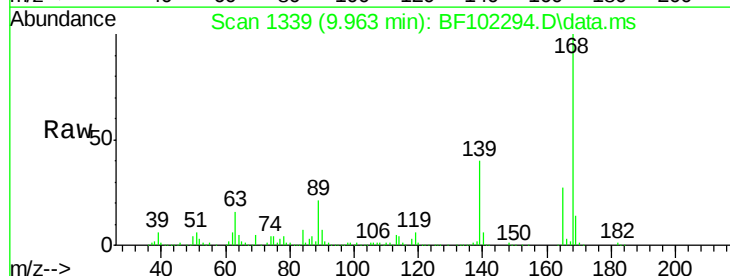
Instrument :
BNA_F
ClientSampleId :

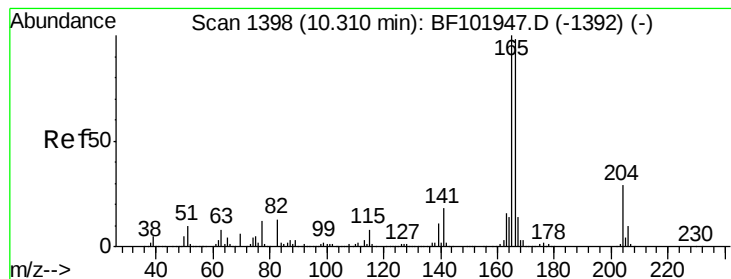
Tot Ion	Ratio	Lower	Upper
139	100		
109	61.5	48.4	88.4
65	87.2	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 72.96 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.5	36.4	54.6#
89	76.3	57.8	86.6
182	2.4	1.6	2.4#





#57

Fluorene

Concen: 72.86 ng

RT: 10.310 min Scan# 1398

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

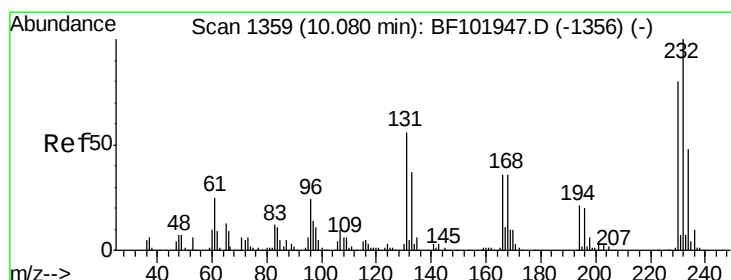
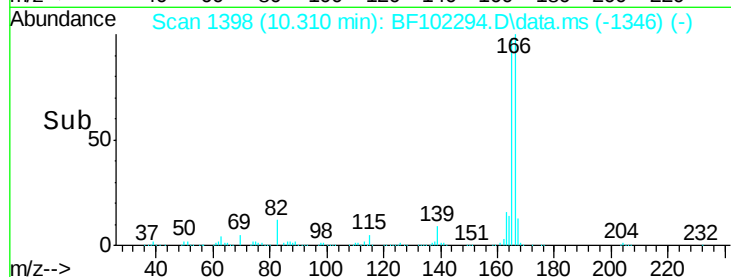
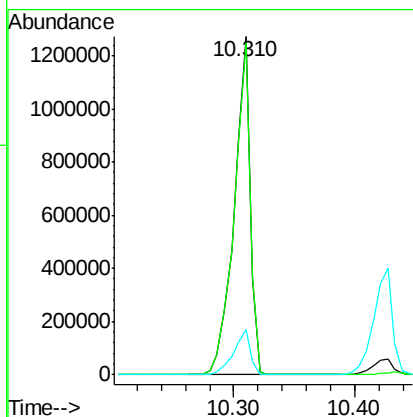
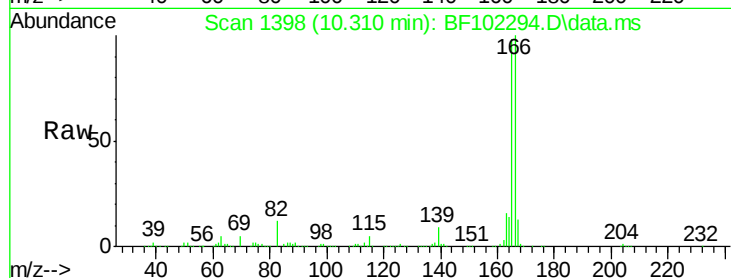
Tot Ion:166 Resp: 1178137

Ion Ratio Lower Upper

166 100

165 98.1 79.8 119.8

167 13.1 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 75.45 ng

RT: 10.086 min Scan# 1360

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Tgt Ion:232 Resp: 305543

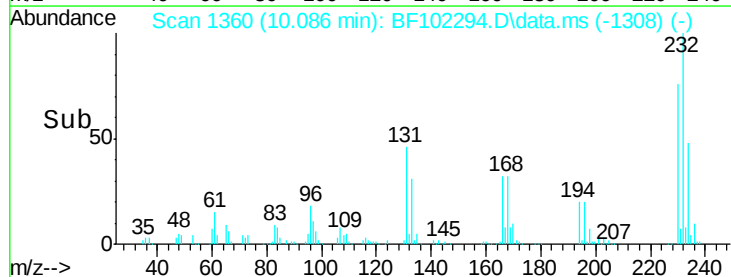
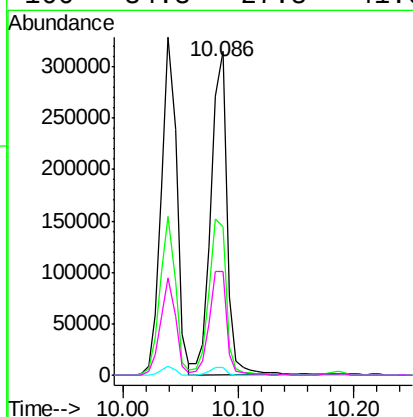
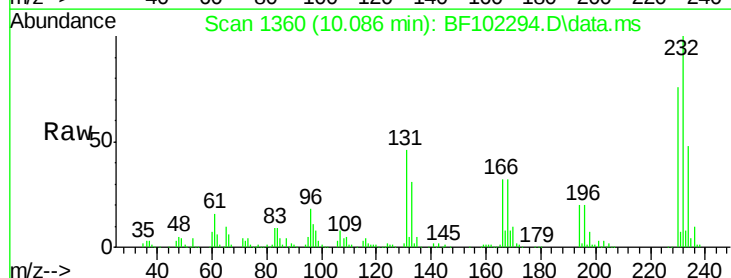
Ion Ratio Lower Upper

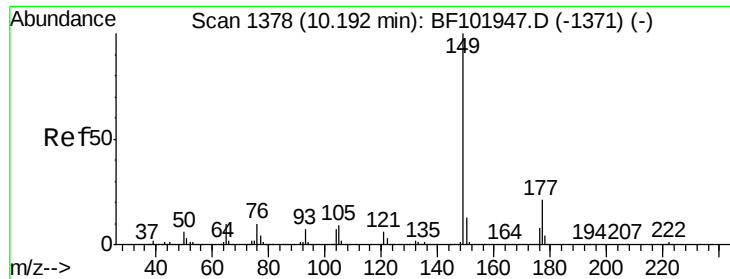
232 100

131 52.4 43.8 65.8

130 2.6 2.1 3.1

166 34.3 27.8 41.6





#59

Diethylphthalate

Concen: 69.33 ng

RT: 10.186 min Scan# 1378

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

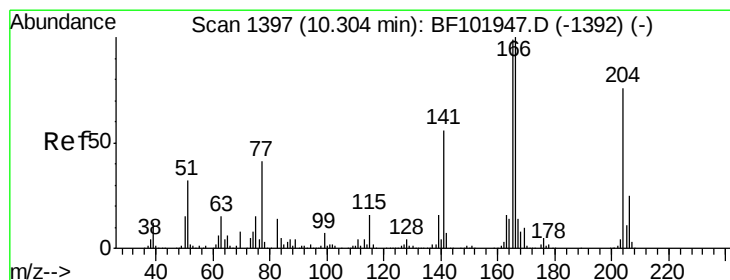
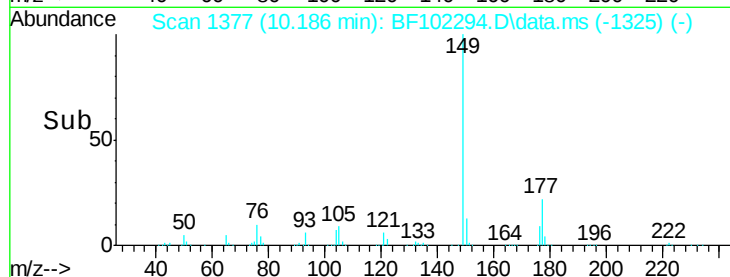
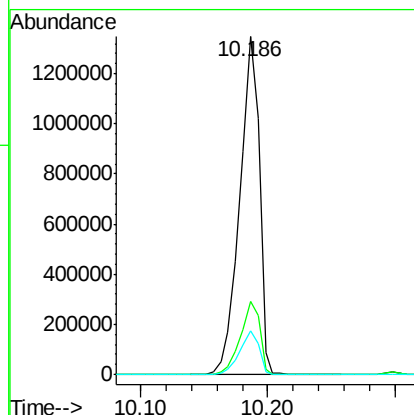
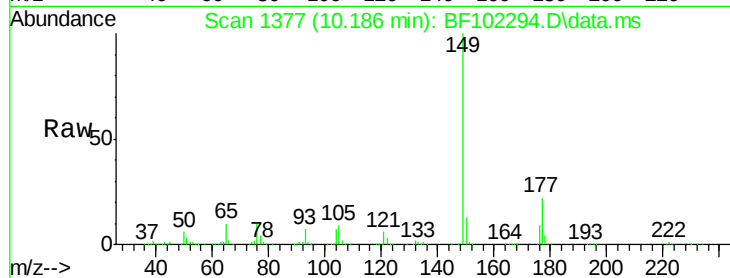
Tot Ion:149 Resp: 1428246

Ion Ratio Lower Upper

149 100

177 21.7 16.1 24.1

150 12.9 10.1 15.1



#60

4-Chlorophenyl-phenylether

Concen: 73.03 ng

RT: 10.298 min Scan# 1396

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

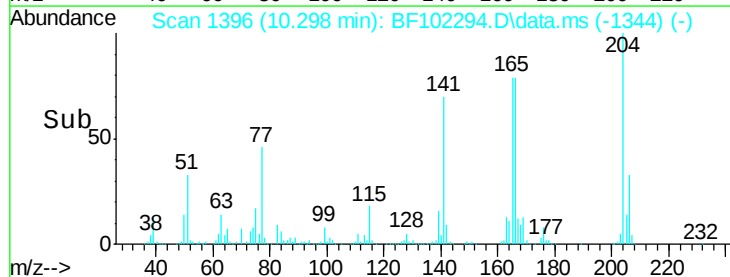
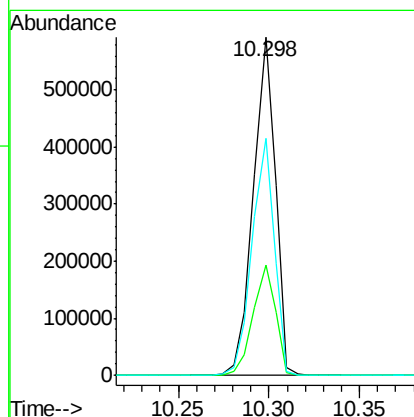
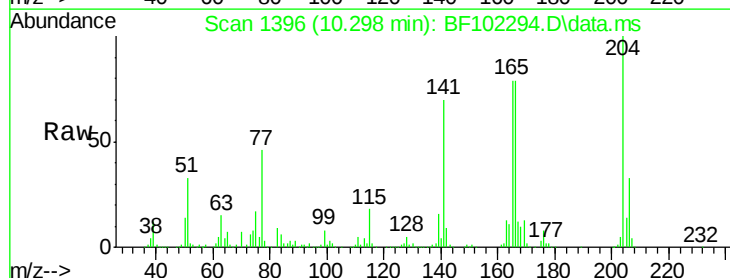
Tgt Ion:204 Resp: 502853

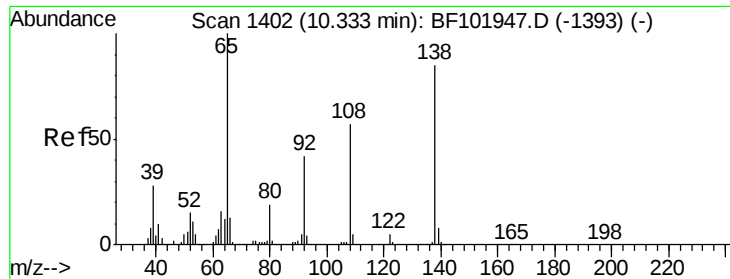
Ion Ratio Lower Upper

204 100

206 32.7 26.5 39.7

141 70.2 54.6 81.8

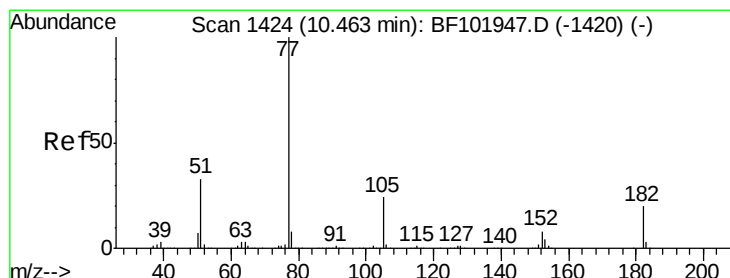
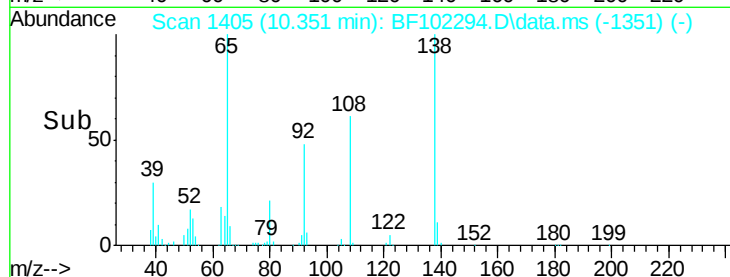
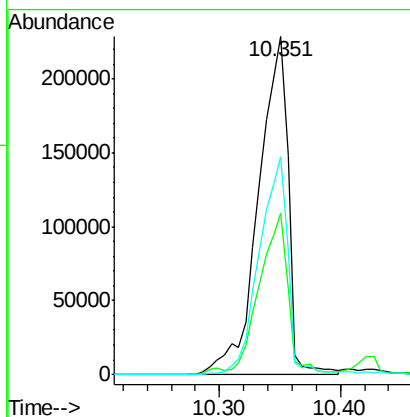
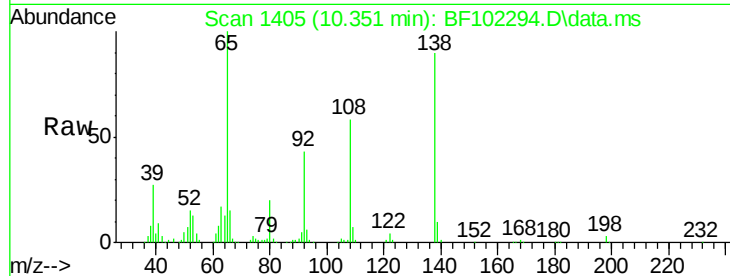




#61
4-Nitroaniline
Concen: 79.31 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.017 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

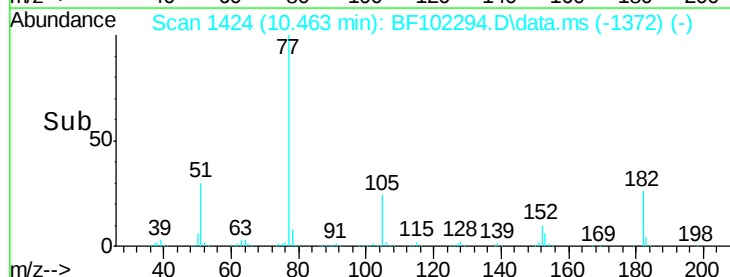
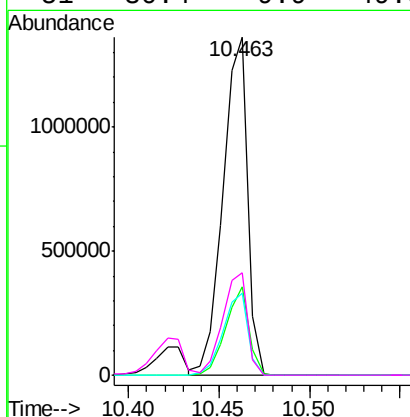
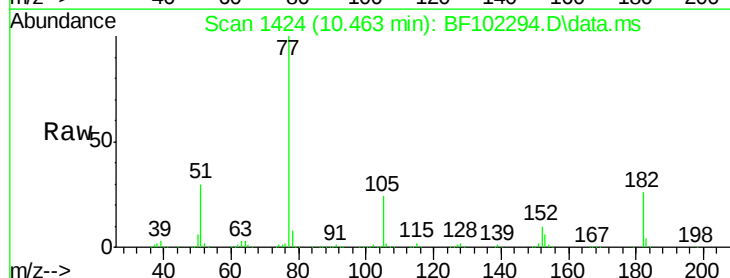
Instrument :
BNA_F
ClientSampleId :

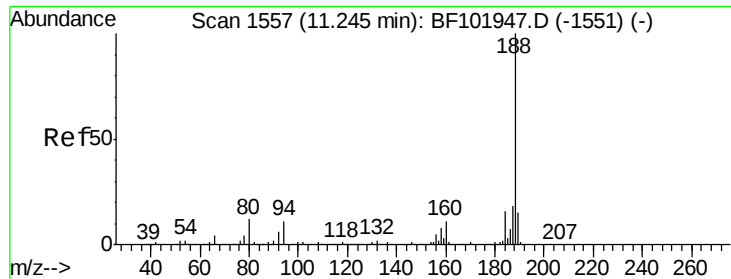
Tot Ion:138 Resp: 392987
Ion Ratio Lower Upper
138 100
92 47.8 30.2 70.2
108 64.5 52.5 92.5



#62
Azobenzene
Concen: 62.95 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

Tgt Ion: 77 Resp: 1290328
Ion Ratio Lower Upper
77 100
182 26.3 1.7 41.7
105 24.4 3.0 43.0
51 30.4 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.239 min Scan# 15

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

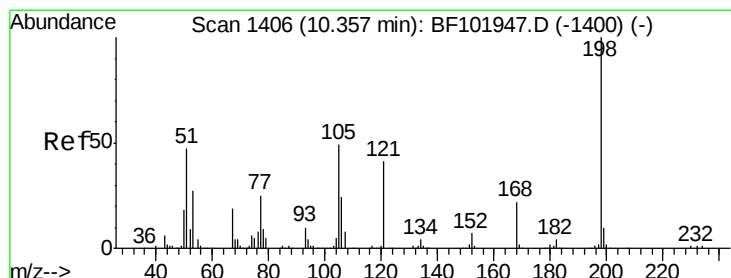
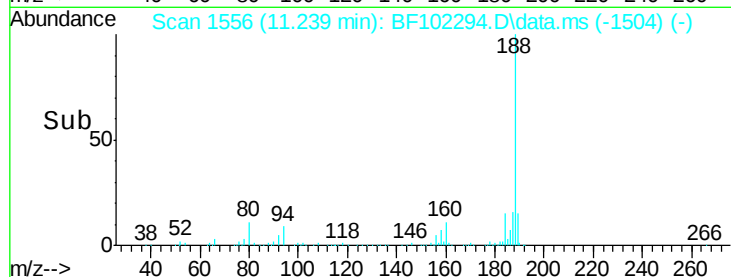
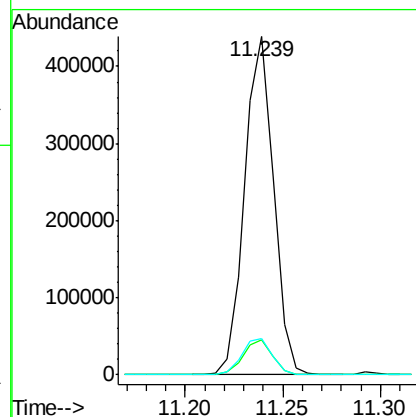
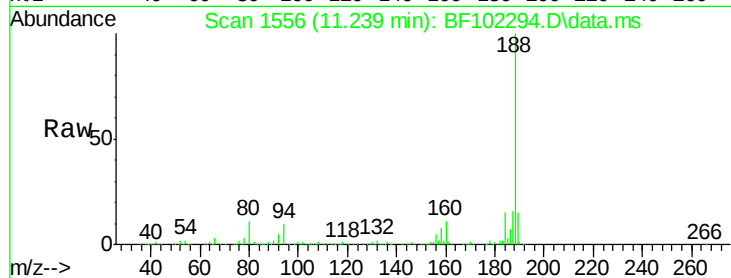
Tot Ion:188 Resp: 450709

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

80 10.7 9.2 13.8



#64

4,6-Dinitro-2-methylphenol

Concen: 108.58 ng

RT: 10.374 min Scan# 1409

Delta R.T. 0.017 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

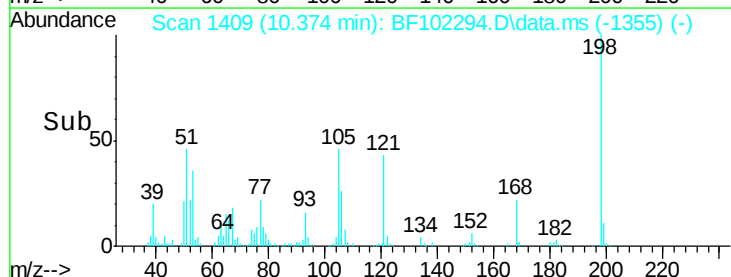
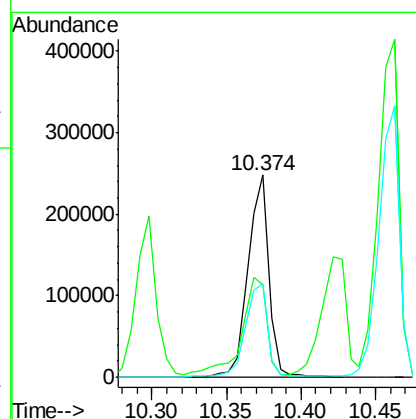
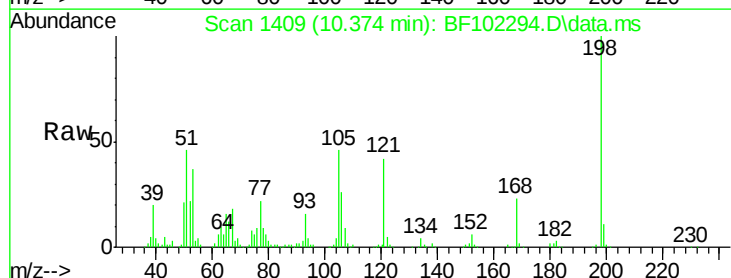
Tgt Ion:198 Resp: 240631

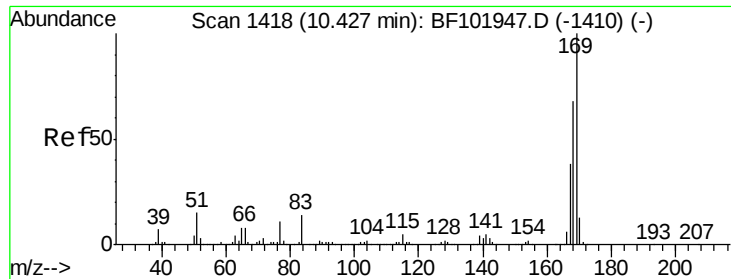
Ion Ratio Lower Upper

198 100

51 46.0 37.7 77.7

105 46.3 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 66.96 ng

RT: 10.427 min Scan# 1418

Delta R.T. 0.012 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

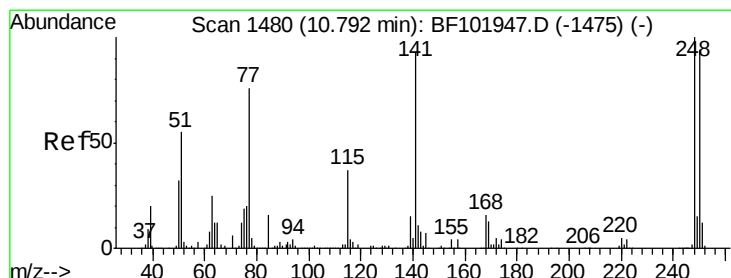
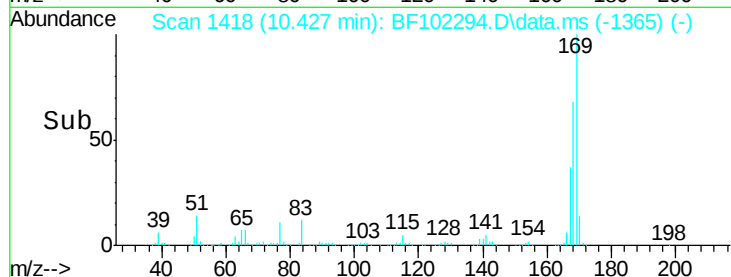
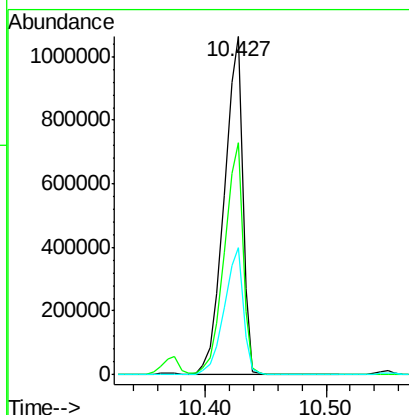
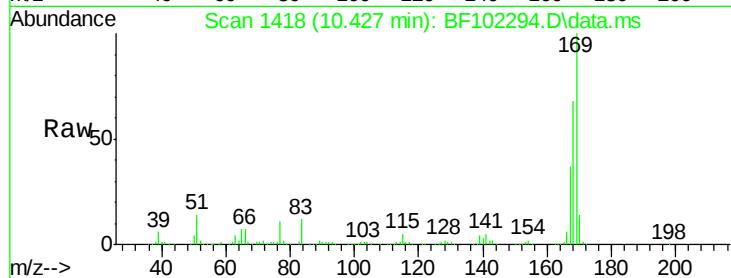
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 1130110

Ion	Ratio	Lower	Upper
169	100		
168	68.4	54.4	81.6
167	37.5	29.8	44.6



#66

4-Bromophenyl-phenylether

Concen: 71.20 ng

RT: 10.786 min Scan# 1479

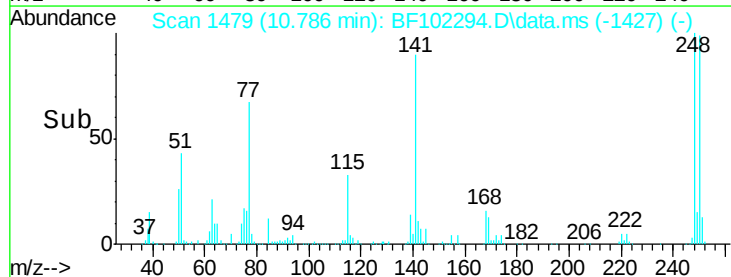
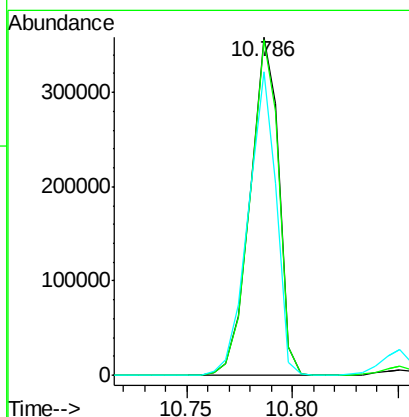
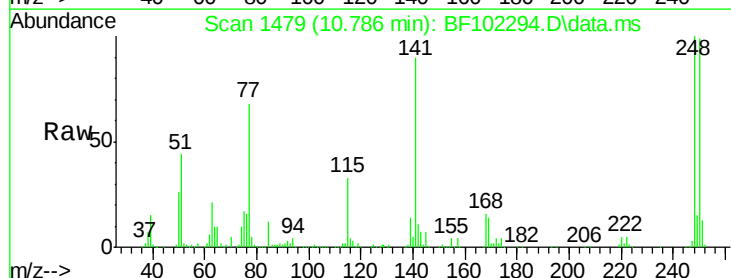
Delta R.T. 0.006 min

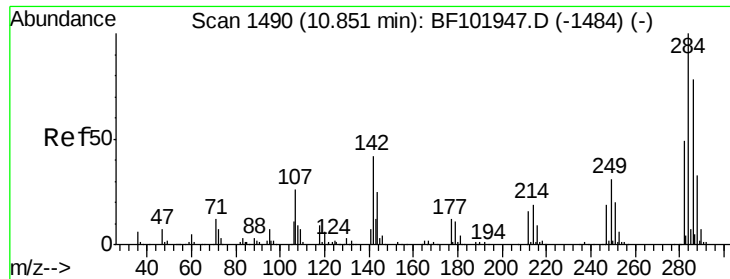
Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Tgt Ion:248 Resp: 338913

Ion	Ratio	Lower	Upper
248	100		
250	99.2	76.9	115.3
141	89.7	74.4	111.6

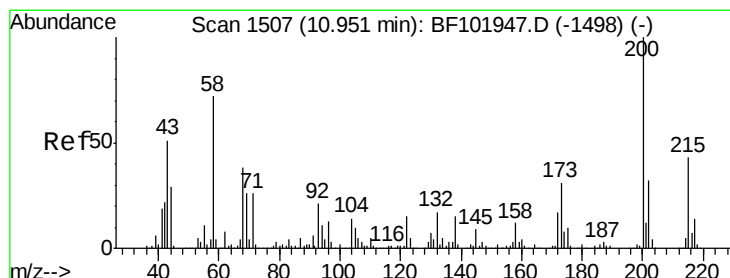
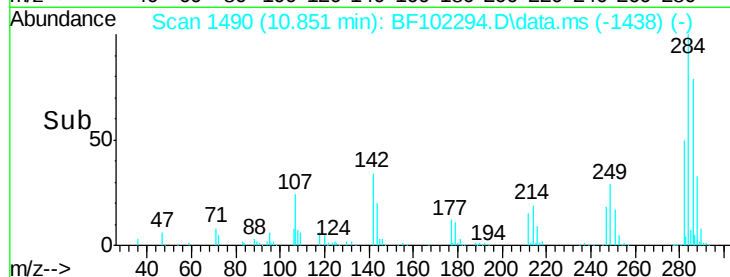
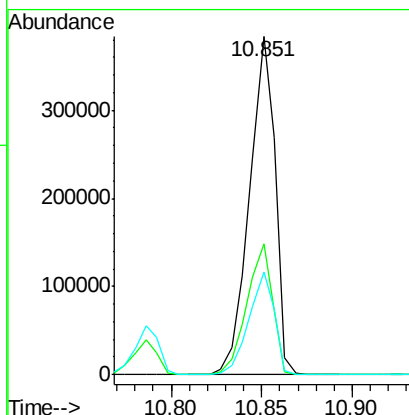
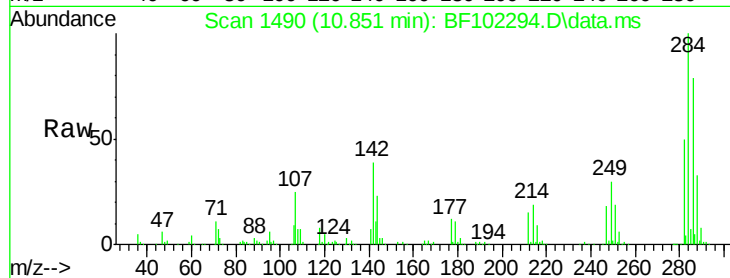




#67
Hexachlorobenzene
Concen: 72.84 ng
RT: 10.851 min Scan# 1490
Delta R.T. 0.006 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

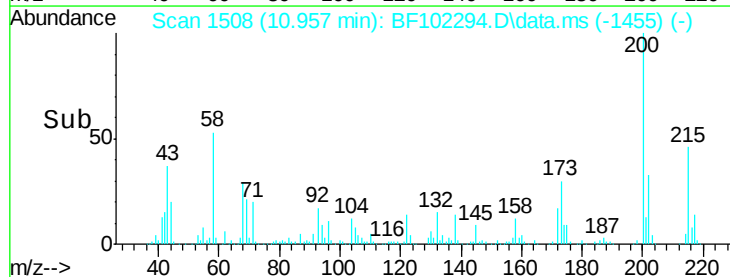
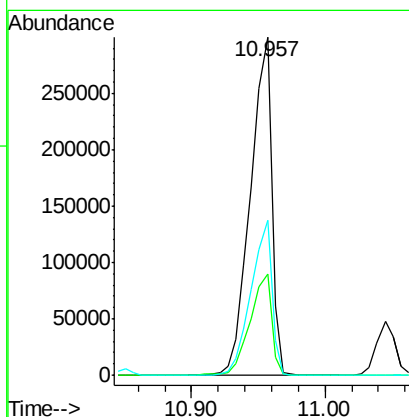
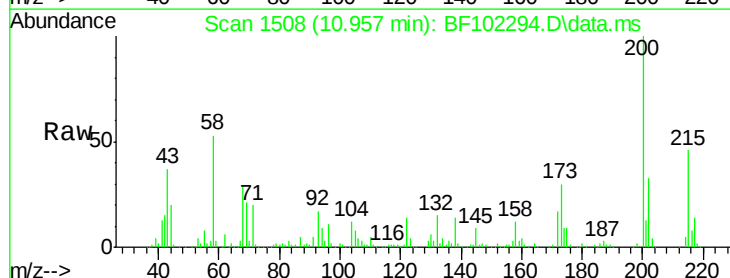
Instrument :
BNA_F
ClientSampleId :

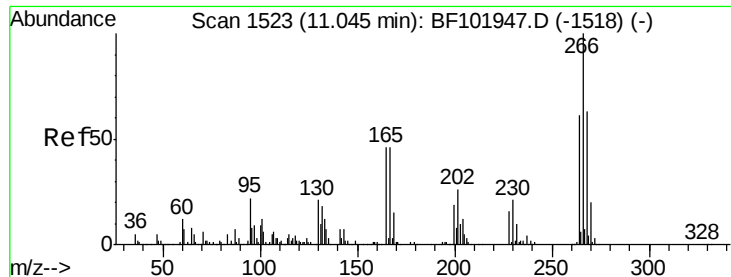
Tot Ion	Ratio	Lower	Upper
284	100		
142	38.8	34.6	52.0
249	30.2	24.8	37.2



#68
Atrazine
Concen: 67.25 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.012 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.9	8.6	48.6
215	45.7	25.1	65.1

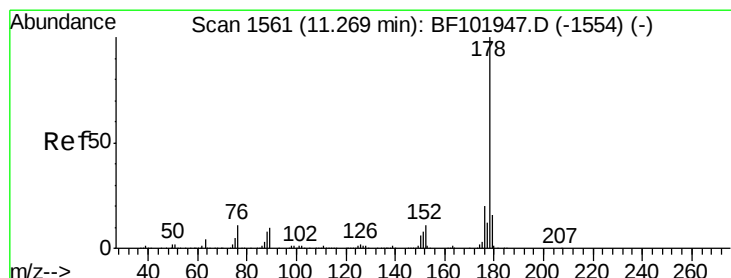
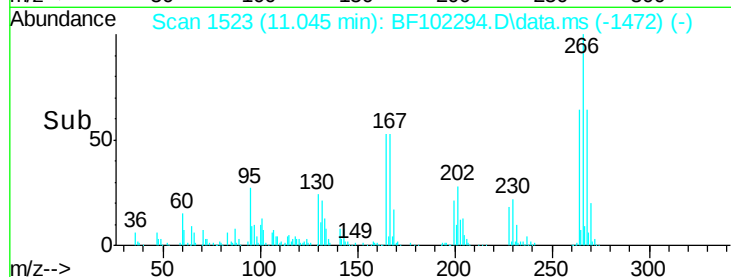
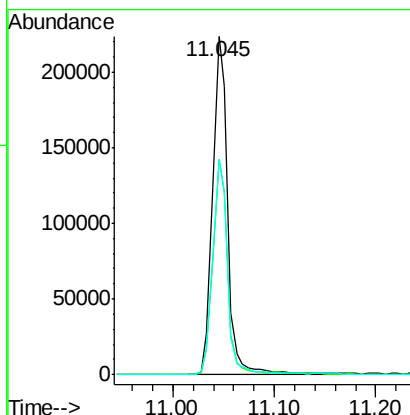
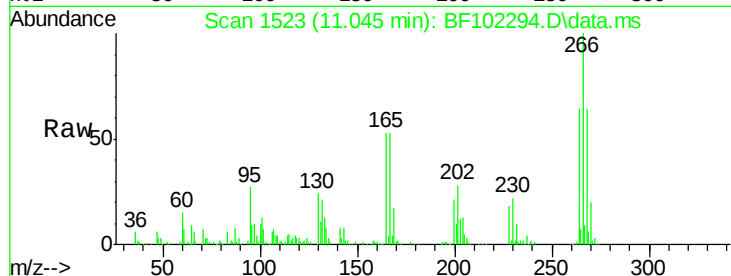




#69
 Pentachlorophenol
 Concen: 73.18 ng
 RT: 11.045 min Scan# 1523
 Delta R.T. -0.000 min
 Lab File: BF102294.D
 Acq: 22 Jan 2018 12:49

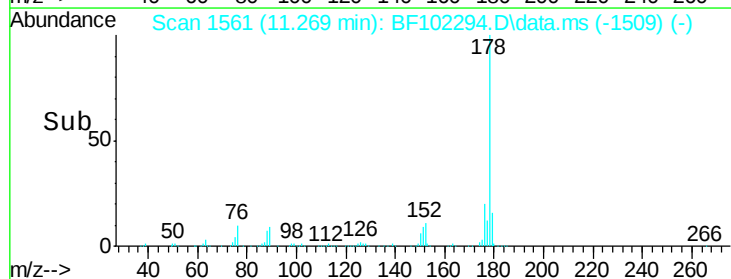
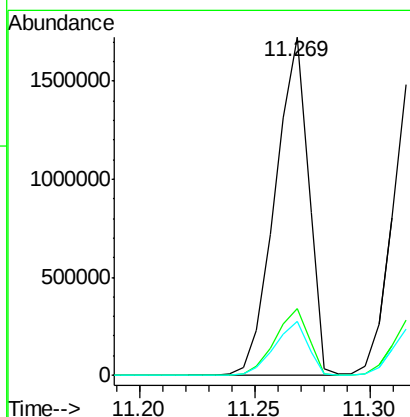
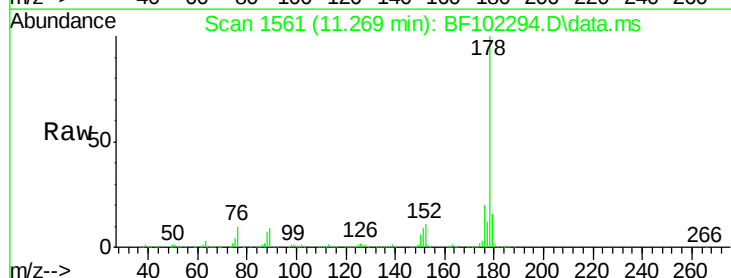
Instrument :
 BNA_F
 ClientSampleId :

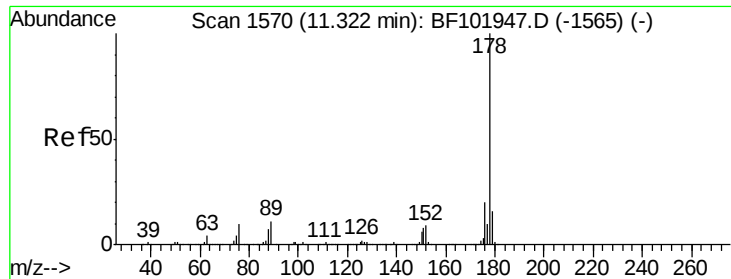
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	63.7	49.5	74.3



#70
 Phenanthrene
 Concen: 65.78 ng
 RT: 11.269 min Scan# 1561
 Delta R.T. 0.006 min
 Lab File: BF102294.D
 Acq: 22 Jan 2018 12:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.8	13.0	19.6

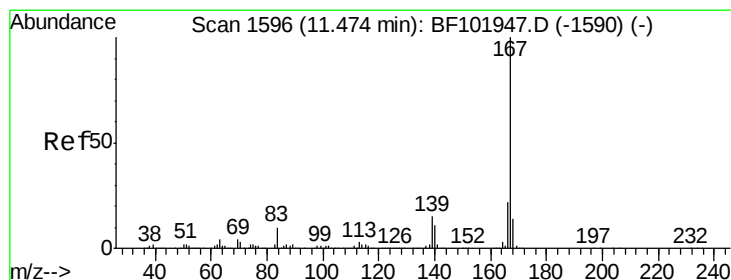
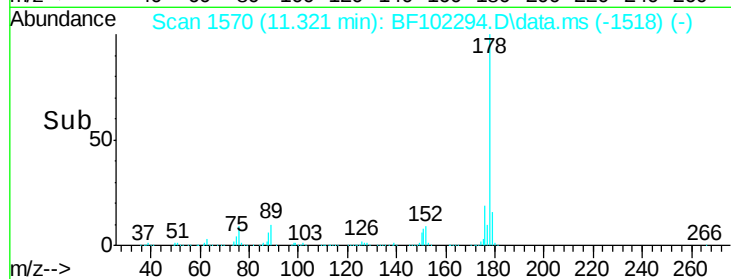
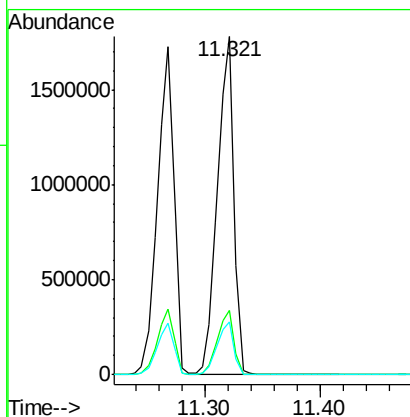
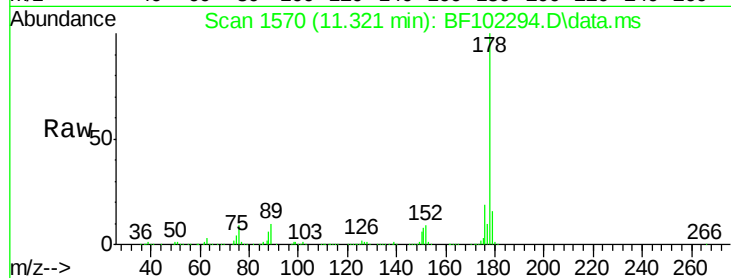




#71
 Anthracene
 Concen: 65.95 ng
 RT: 11.321 min Scan# 1570
 Delta R.T. 0.006 min
 Lab File: BF102294.D
 Acq: 22 Jan 2018 12:49

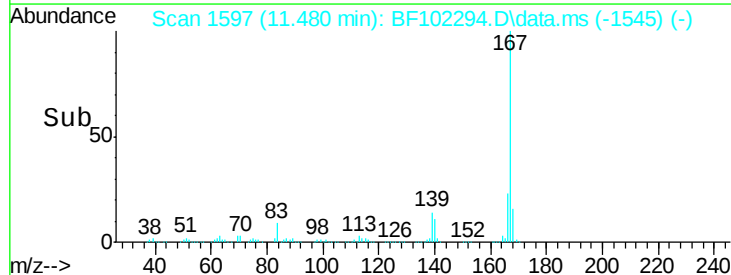
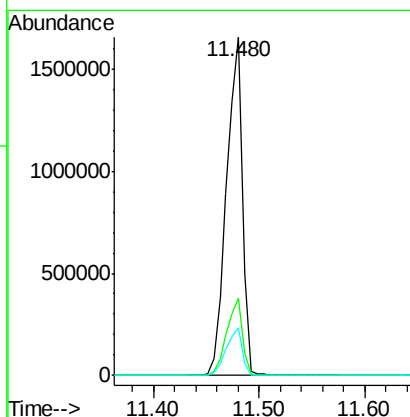
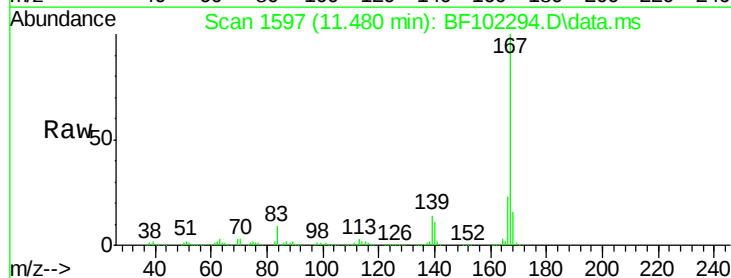
Instrument :
 BNA_F
 ClientSampleId :

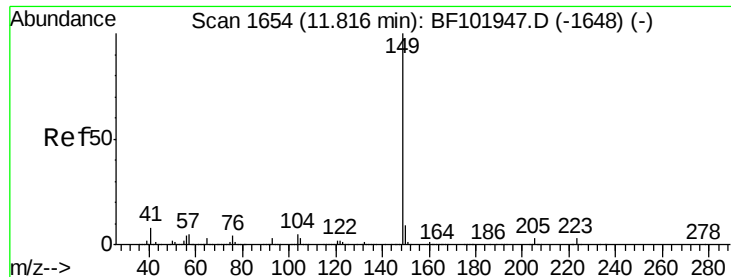
Tot Ion:178 Resp: 1760851
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 66.26 ng
 RT: 11.480 min Scan# 1597
 Delta R.T. 0.006 min
 Lab File: BF102294.D
 Acq: 22 Jan 2018 12:49

Tgt Ion:167 Resp: 1738974
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 68.25 ng

RT: 11.804 min Scan# 16

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

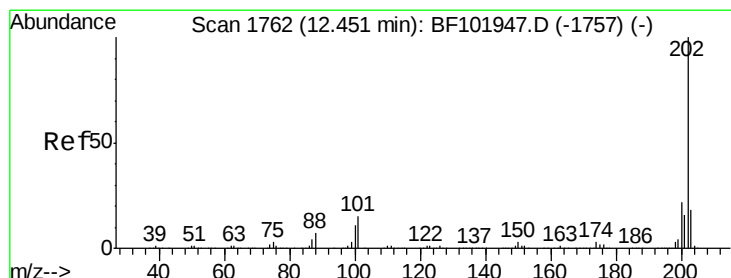
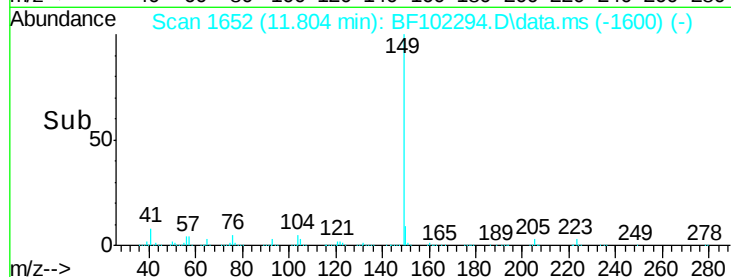
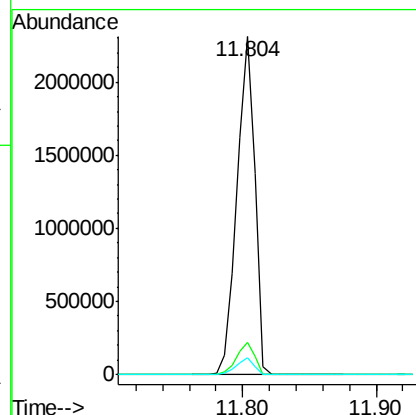
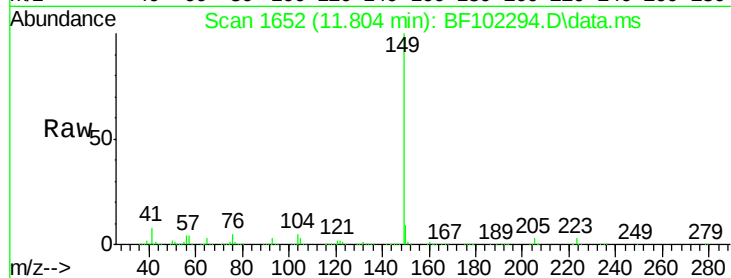
Tot Ion:149 Resp: 2197675

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

104 4.9 3.8 5.8



#74

Fluoranthene

Concen: 68.28 ng

RT: 12.451 min Scan# 1762

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

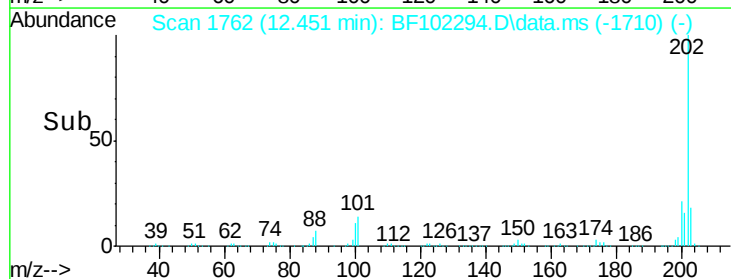
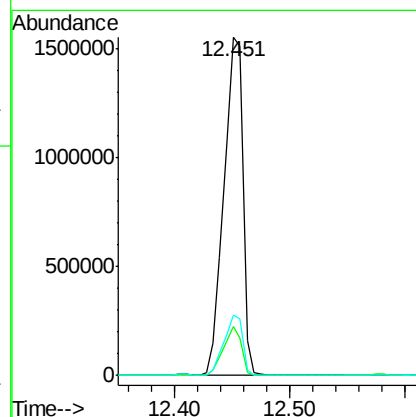
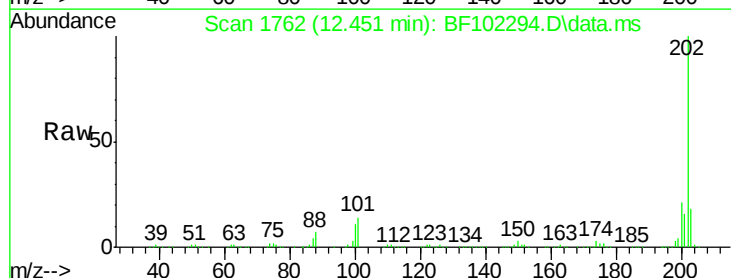
Tgt Ion:202 Resp: 1768733

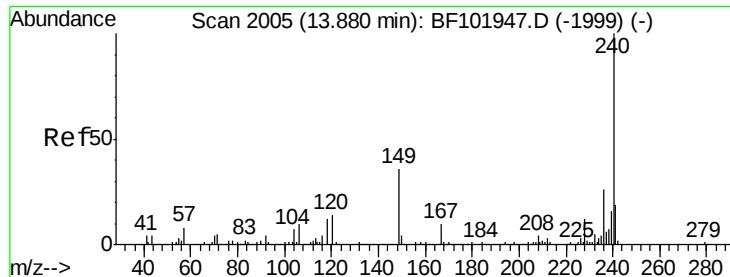
Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.1

203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.880 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

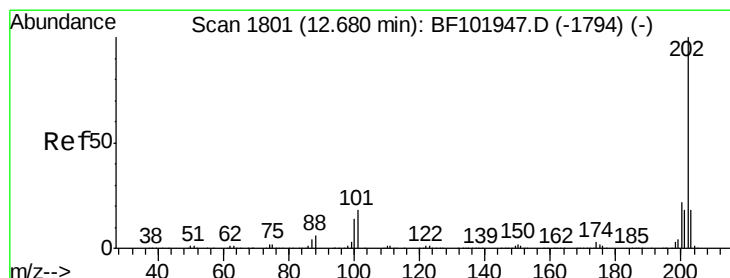
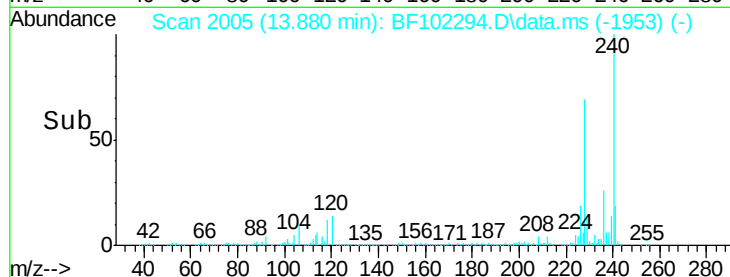
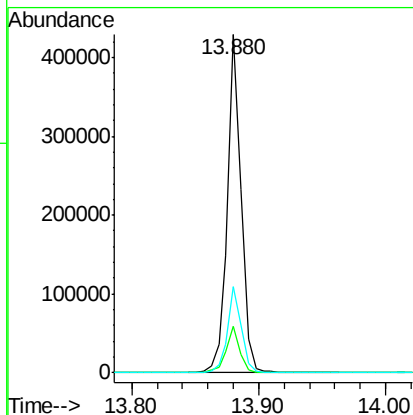
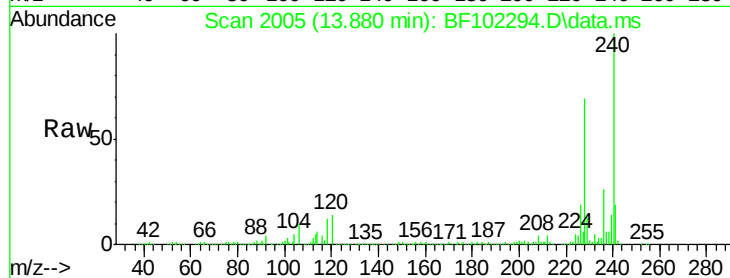
Tot Ion:240 Resp: 321888

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

236 25.6 20.7 31.1



#77

Pyrene

Concen: 64.17 ng

RT: 12.686 min Scan# 1802

Delta R.T. 0.012 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

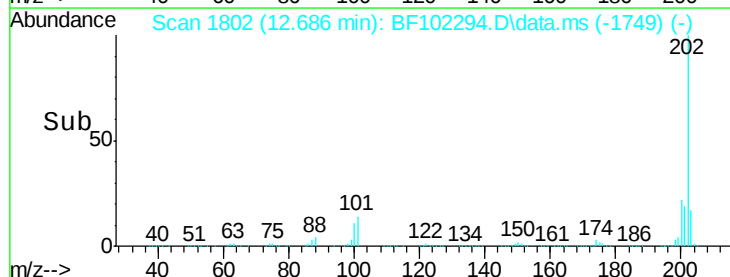
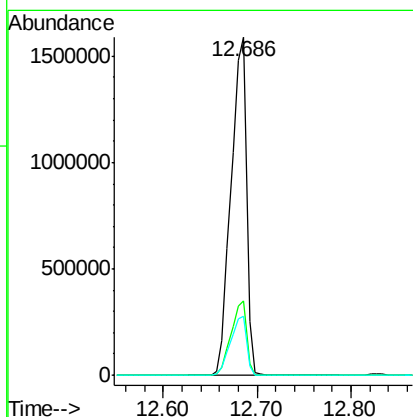
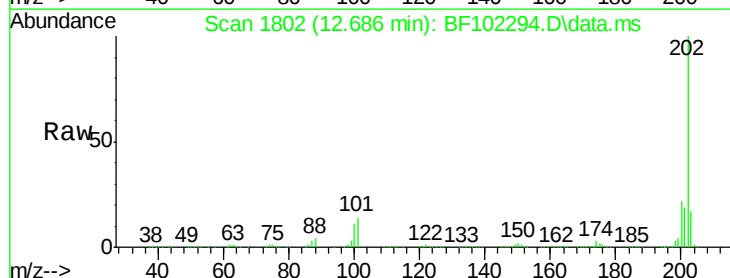
Tgt Ion:202 Resp: 1825899

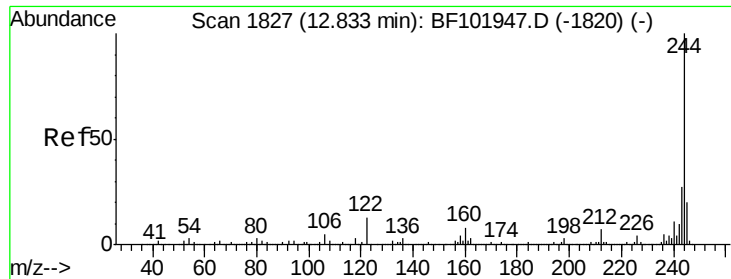
Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

203 17.4 14.3 21.5





#78

Terphenyl-d14

Concen: 124.96 ng

RT: 12.827 min Scan# 18

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

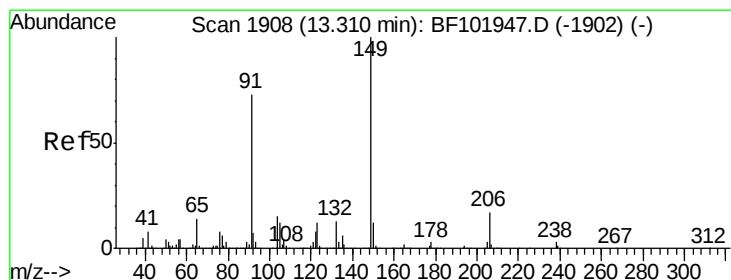
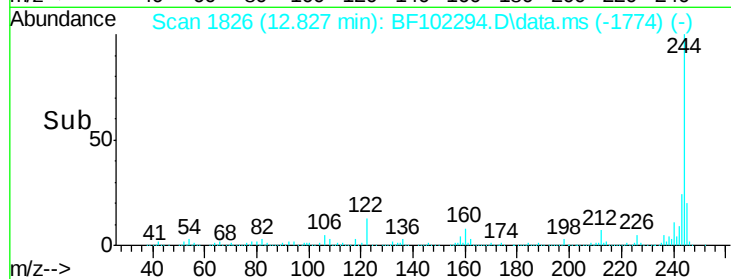
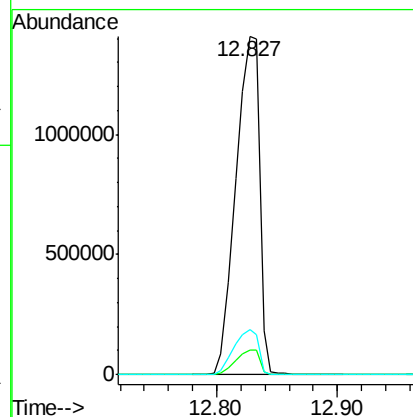
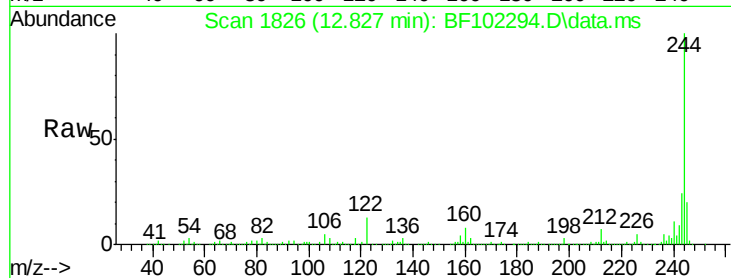
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 1937230

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.2	11.0	16.4



#79

Butylbenzylphthalate

Concen: 71.08 ng

RT: 13.304 min Scan# 1907

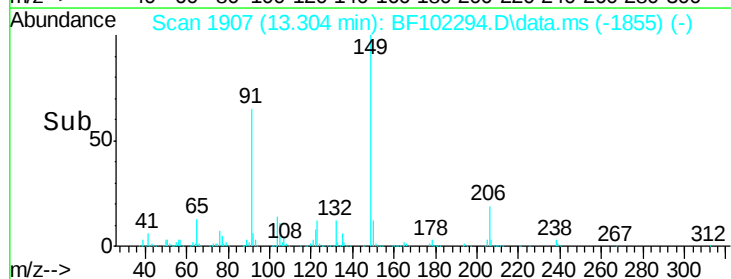
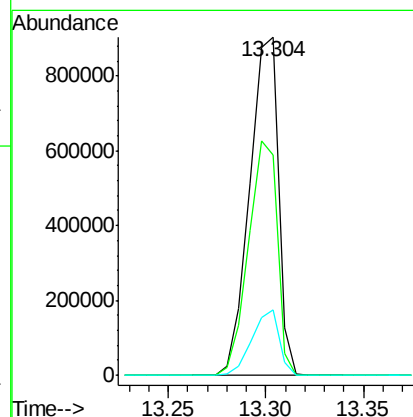
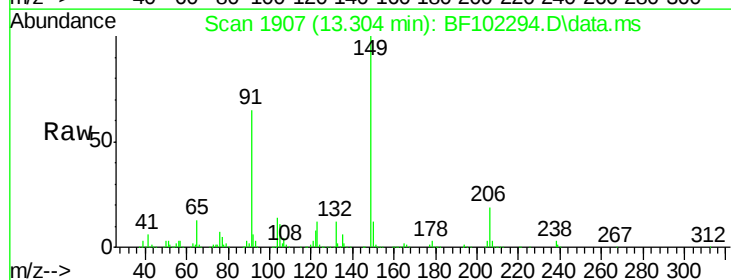
Delta R.T. 0.006 min

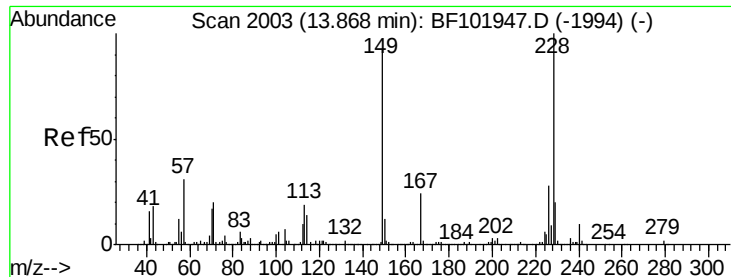
Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Tgt Ion:149 Resp: 928146

Ion	Ratio	Lower	Upper
149	100		
91	65.2	56.8	85.2
206	19.4	14.1	21.1





#80

Benzo(a)anthracene

Concen: 67.98 ng

RT: 13.868 min Scan# 2003

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

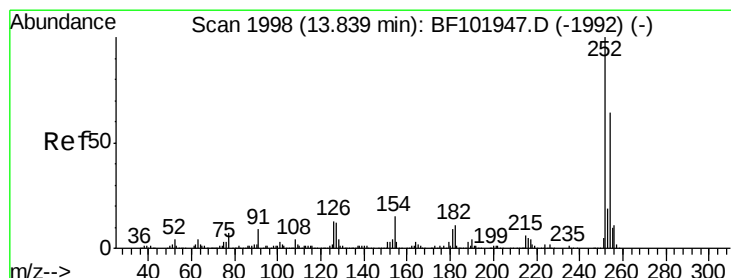
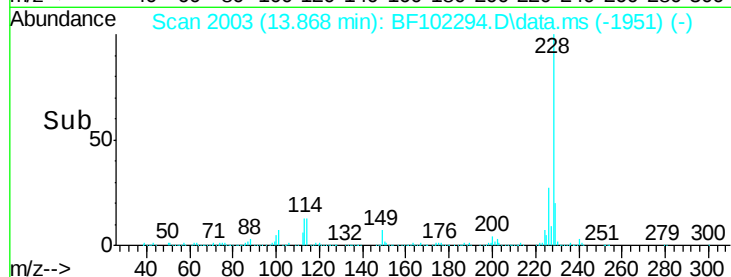
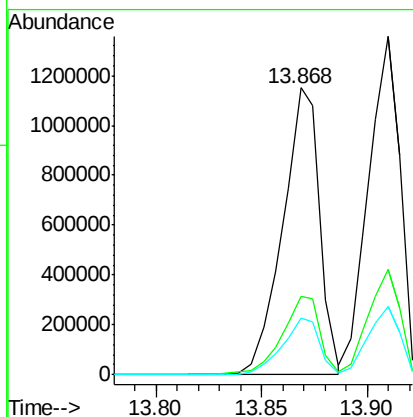
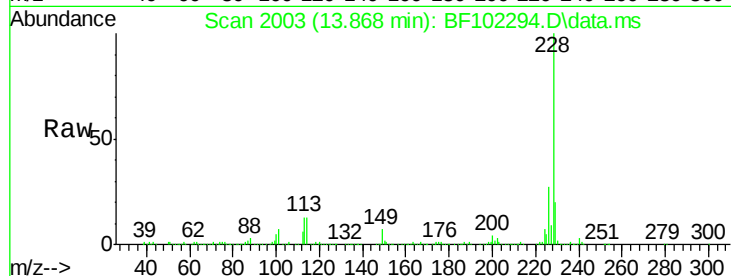
Tot Ion:228 Resp: 1396173

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

229 19.7 15.8 23.6



#81

3,3'-Dichlorobenzidine

Concen: 59.70 ng

RT: 13.839 min Scan# 1998

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

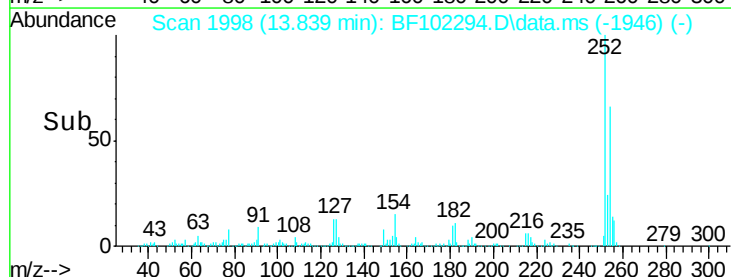
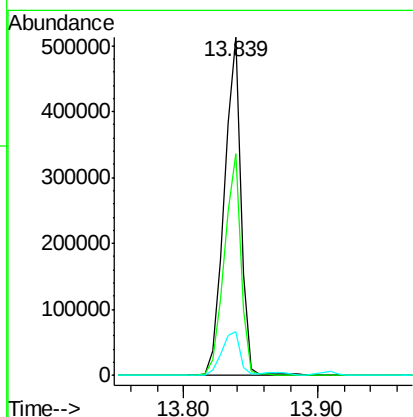
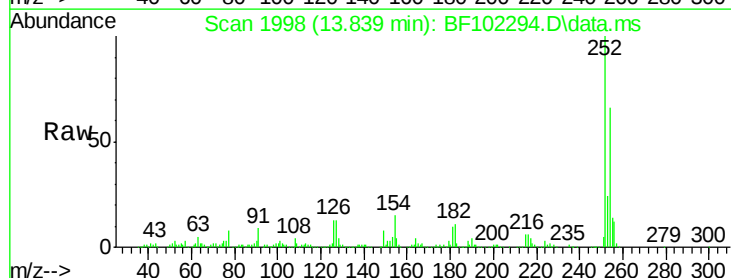
Tgt Ion:252 Resp: 453942

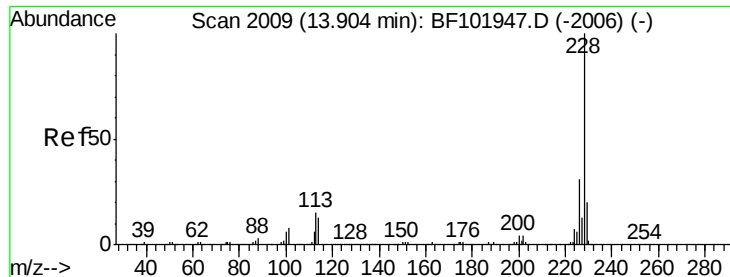
Ion Ratio Lower Upper

252 100

254 65.6 50.4 75.6

126 12.7 11.3 16.9





#82

Chrysene

Concen: 66.59 ng

RT: 13.910 min Scan# 2009

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

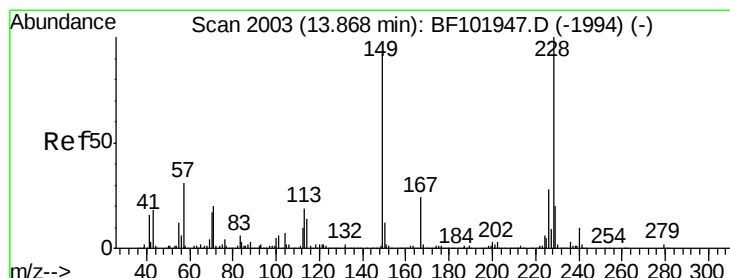
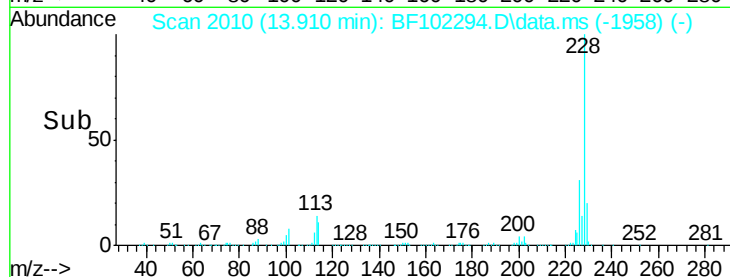
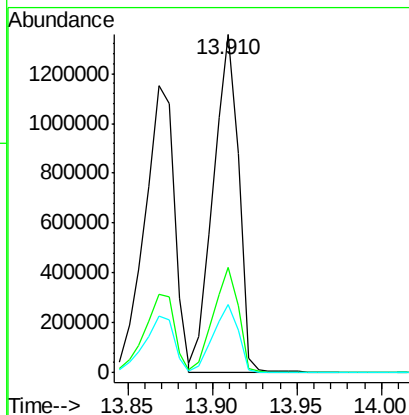
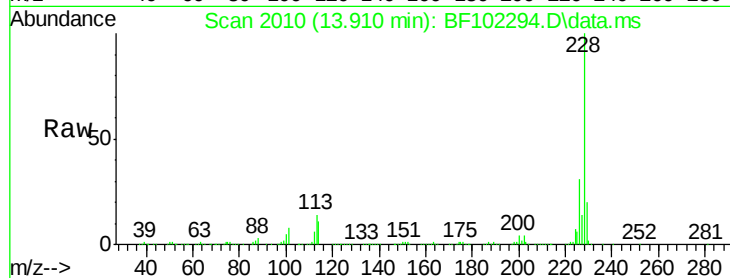
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1425967

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	19.9	16.2	24.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 77.56 ng

RT: 13.857 min Scan# 2001

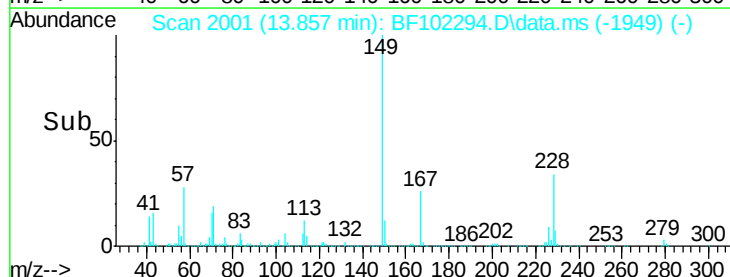
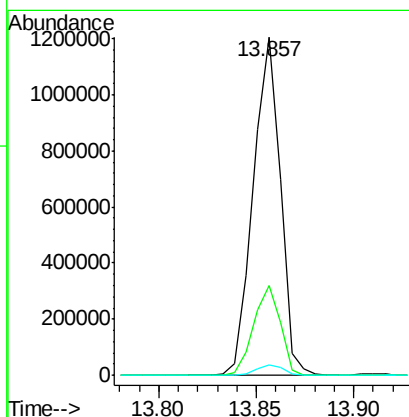
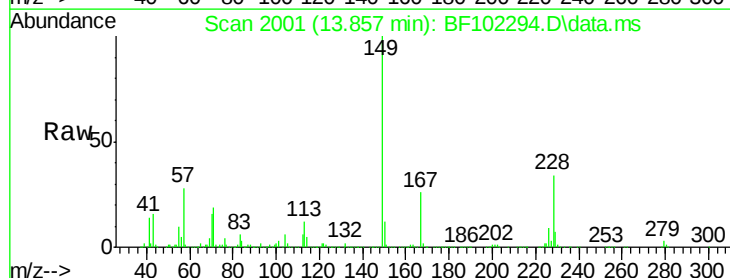
Delta R.T. 0.006 min

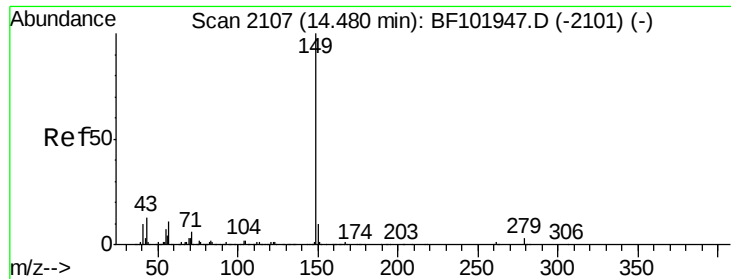
Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Tgt Ion:149 Resp: 1161839

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.1	3.0	4.4





#84

Di-n-octyl phthalate

Concen: 78.39 ng

RT: 14.468 min Scan# 2105

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

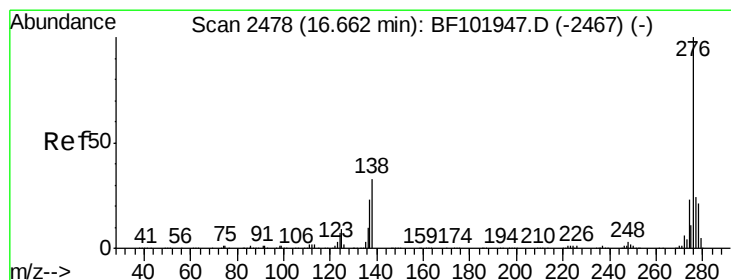
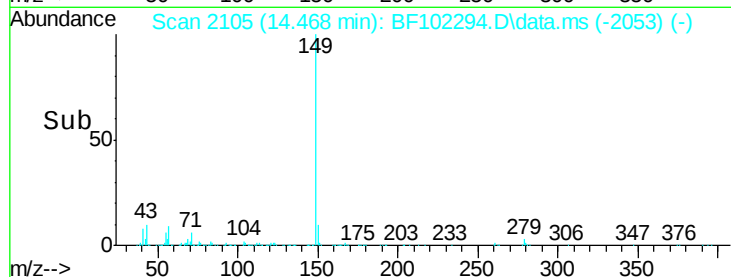
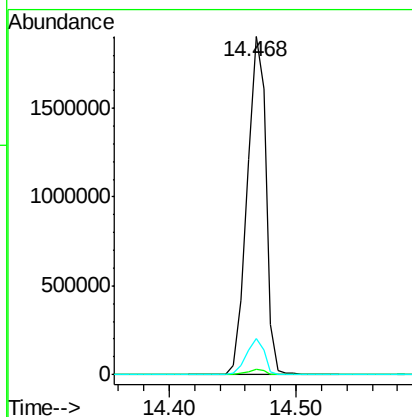
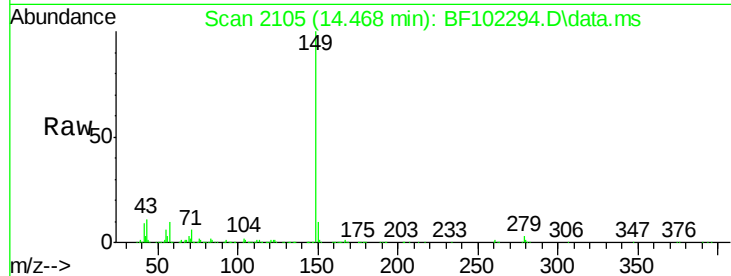
Tot Ion:149 Resp: 1948579

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.1 8.4 12.6



#85

Indeno(1,2,3-cd)pyrene

Concen: 69.67 ng

RT: 16.692 min Scan# 2483

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

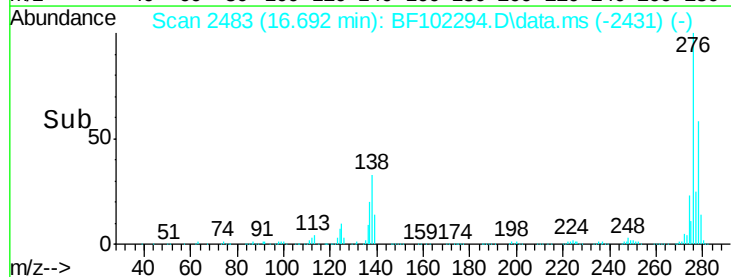
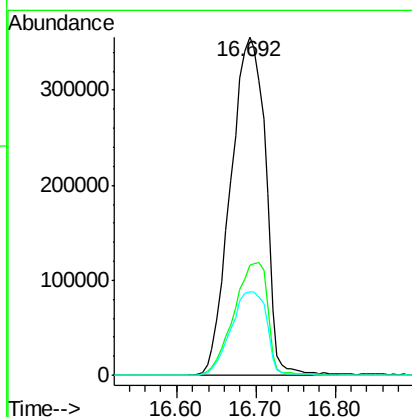
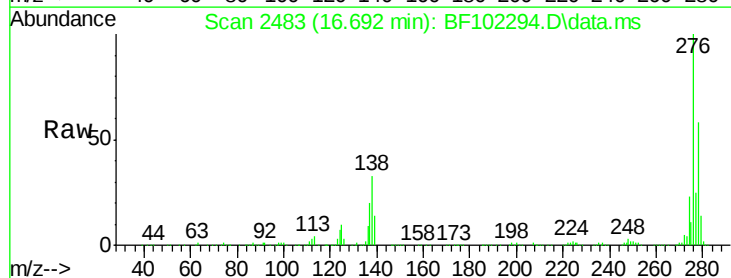
Tgt Ion:276 Resp: 1085976

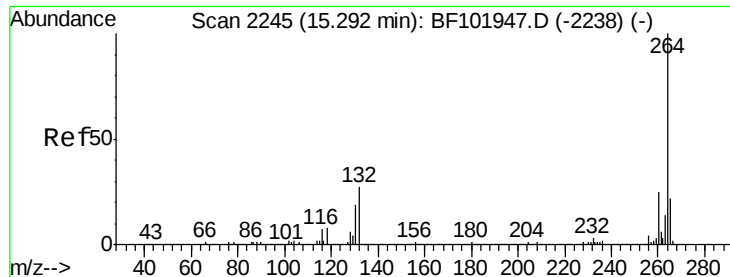
Ion Ratio Lower Upper

276 100

138 32.4 25.0 37.6

277 25.4 20.1 30.1

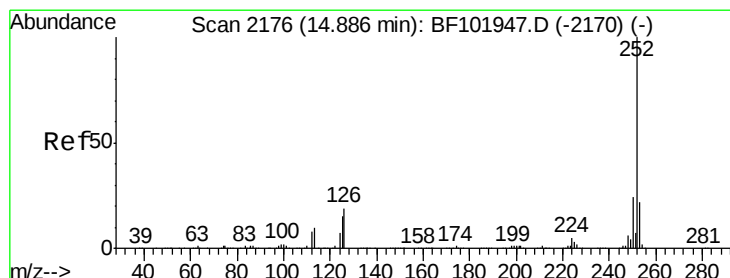
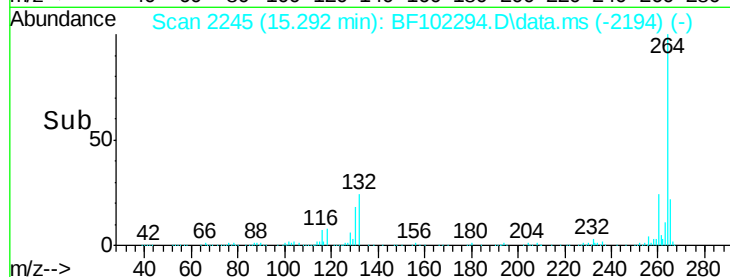
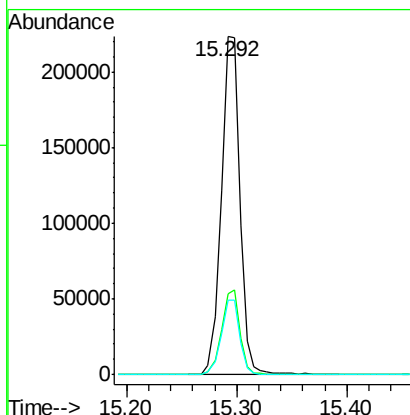
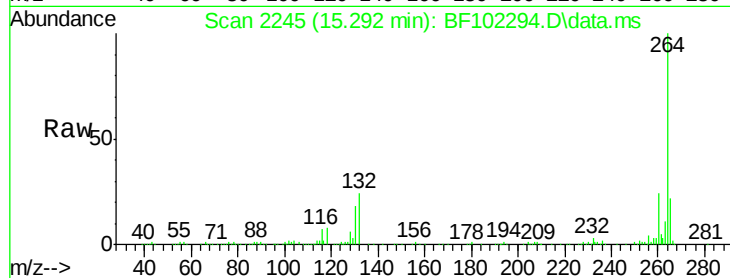




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.292 min Scan# 2245
Delta R.T. -0.000 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

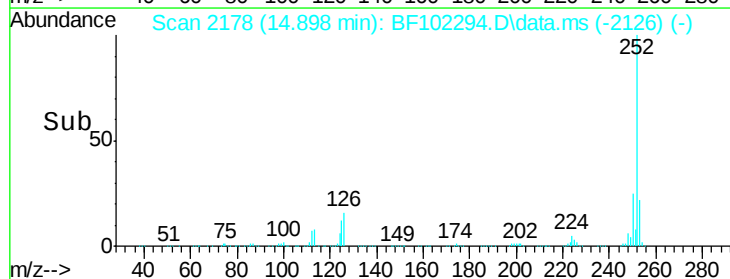
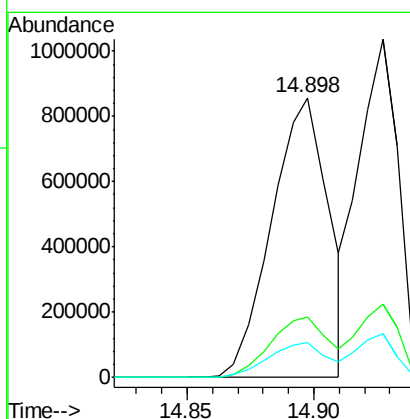
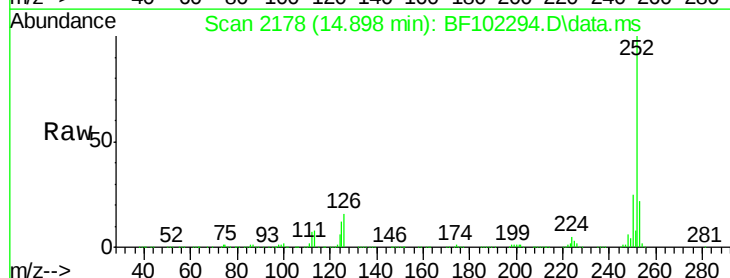
Instrument :
BNA_F
ClientSampleId :

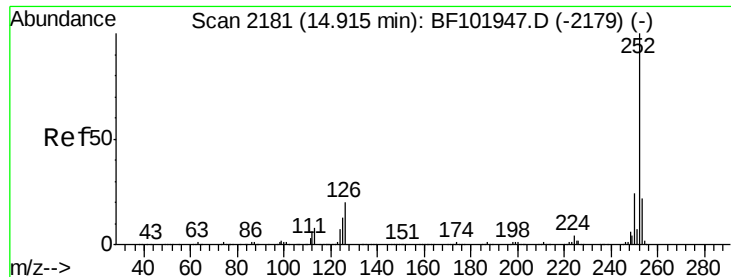
Tot Ion:264 Resp: 264145
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.0 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 77.47 ng
RT: 14.898 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

Tgt Ion:252 Resp: 1334213
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.2 9.0 13.6





#88

Benzo(k)fluoranthene

Concen: 69.29 ng

RT: 14.927 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

Instrument :

BNA_F

ClientSampleId :

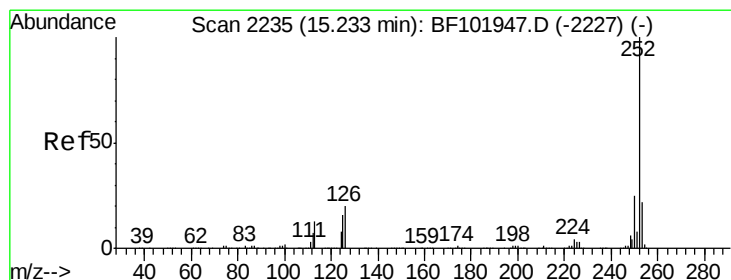
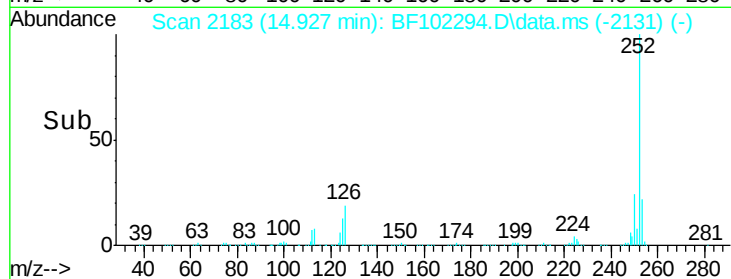
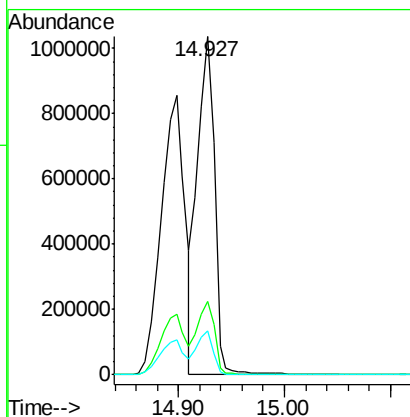
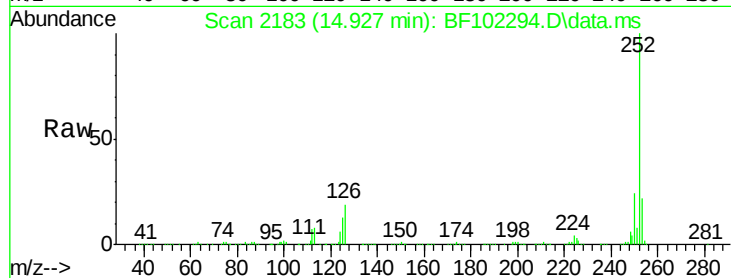
Tot Ion:252 Resp: 1151298

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

125 13.0 10.2 15.2



#89

Benzo(a)pyrene

Concen: 73.63 ng

RT: 15.245 min Scan# 2237

Delta R.T. 0.006 min

Lab File: BF102294.D

Acq: 22 Jan 2018 12:49

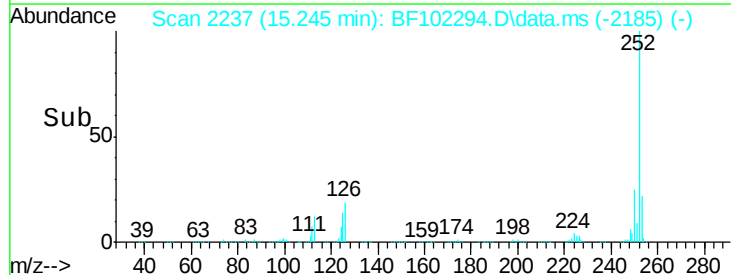
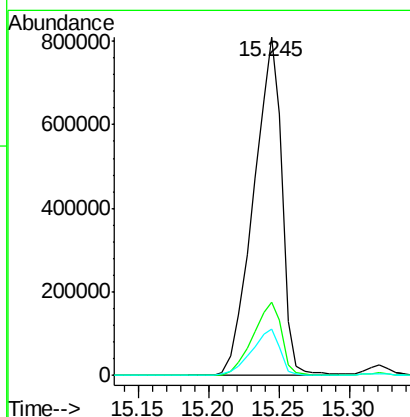
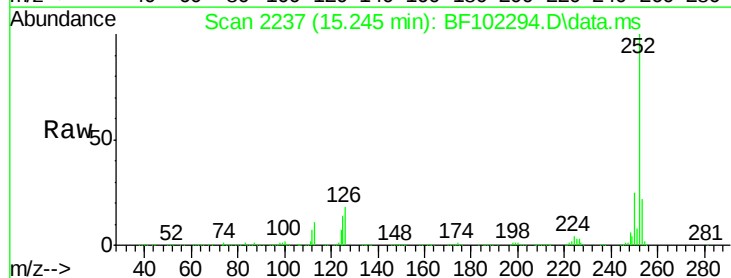
Tgt Ion:252 Resp: 1141123

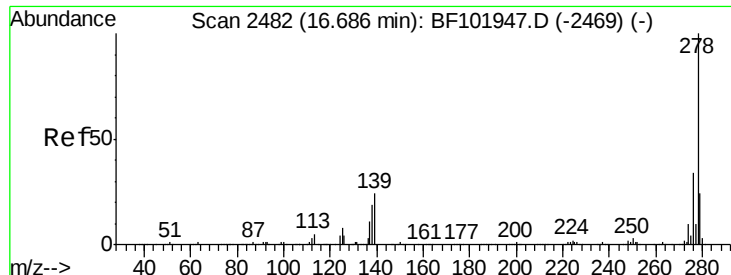
Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 13.6 9.8 14.6

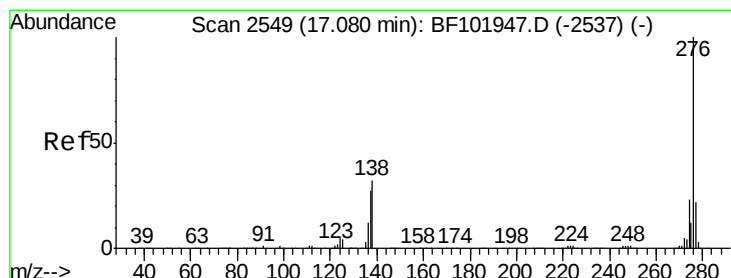
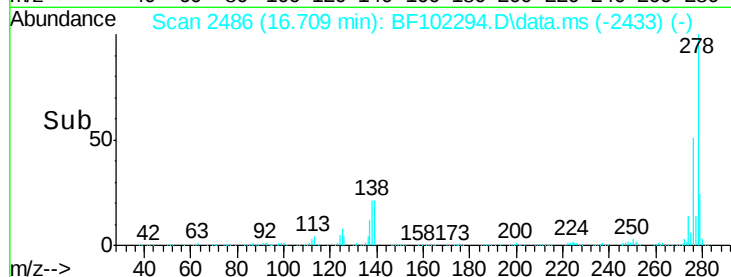
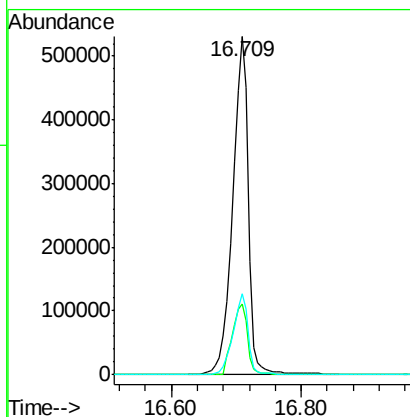
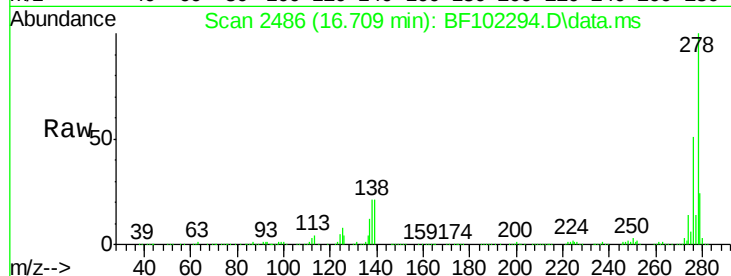




#90
Dibenzo(a,h)anthracene
Concen: 71.36 ng
RT: 16.709 min Scan# 2486
Delta R.T. 0.012 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.0	15.9	23.9
279	23.8	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 72.04 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.006 min
Lab File: BF102294.D
Acq: 22 Jan 2018 12:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	27.8	21.8	32.8

