

Data Path : Z:\HPCHEM1\BNA F\Data\BF012218\
 Data File : BF102293.D
 Acq On : 22 Jan 2018 12:21
 Operator : SJ/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 12:59:51 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	135117	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	557271	20.00	ng	0.00
38) Acenaphthene-d10	9.757	164	249244	20.00	ng	0.00
63) Phenanthrene-d10	11.233	188	437032	20.00	ng	0.00
75) Chrysene-d12	13.874	240	329291	20.00	ng	0.00
86) Perylene-d12	15.292	264	280726	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.322	112	1001205	104.63	ng	0.00
7) Phenol-d6	6.363	99	1190977	104.32	ng	0.00
23) Nitrobenzene-d5	7.293	82	1106902	116.72	ng	0.00
41) 2,4,6-Tribromophenol	10.545	330	271461	124.80	ng	0.00
44) 2-Fluorobiphenyl	9.081	172	1842185	115.47	ng	0.00
78) Terphenyl-d14	12.827	244	1525997	96.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.375	88	246992	51.72	ng	97
3) Pyridine	3.081	79	663621	50.89	ng	96
4) n-Nitrosodimethylamine	3.058	42	260503	47.70	ng	97
6) Aniline	6.387	93	790692	49.15	ng	# 87
8) 2-Chlorophenol	6.504	128	527365	54.95	ng	98
9) Benzaldehyde	6.269	77	289661	36.54	ng	96
10) Phenol	6.381	94	649825	50.37	ng	# 69
11) bis(2-Chloroethyl)ether	6.463	93	509658	51.90	ng	98
12) 1,3-Dichlorobenzene	6.657	146	621780	56.21	ng	99
13) 1,4-Dichlorobenzene	6.734	146	624506	56.57	ng	99
14) 1,2-Dichlorobenzene	6.893	146	558388	54.65	ng	97
15) Benzyl Alcohol	6.869	79	409286	49.01	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.998	45	833138	46.02	ng	95
17) 2-Methylphenol	6.987	107	453616	52.40	ng	# 94
18) Hexachloroethane	7.228	117	218739	56.27	ng	100
19) n-Nitroso-di-n-propyla...	7.145	70	365046	48.79	ng	97
20) 3+4-Methylphenols	7.140	107	519157	49.94	ng	# 69
22) Acetophenone	7.140	105	717545	53.44	ng	# 91
24) Nitrobenzene	7.310	77	559415	54.90	ng	98
25) Isophorone	7.551	82	1002352	53.49	ng	99
26) 2-Nitrophenol	7.622	139	309447	72.55	ng	94
27) 2,4-Dimethylphenol	7.663	122	430462	54.04	ng	98
28) bis(2-Chloroethoxy)met...	7.757	93	610813	53.99	ng	99
29) 2,4-Dichlorophenol	7.863	162	431805	57.09	ng	98
30) 1,2,4-Trichlorobenzene	7.945	180	465459	58.83	ng	98
31) Naphthalene	8.028	128	1544434	55.46	ng	100
32) Benzoic acid	7.828	122	375690	62.20	ng	97
33) 4-Chloroaniline	8.081	127	647191	54.45	ng	98
34) Hexachlorobutadiene	8.134	225	248779	59.41	ng	98
35) Caprolactam	8.475	113	148475	57.18	ng	99
36) 4-Chloro-3-methylphenol	8.569	107	461059	55.69	ng	97
37) 2-Methylnaphthalene	8.716	142	1002717	54.70	ng	98
39) 1,2,4,5-Tetrachloroben...	8.881	216	418202	59.31	ng	100
40) Hexachlorocyclopentadiene	8.863	237	219836	57.01	ng	99

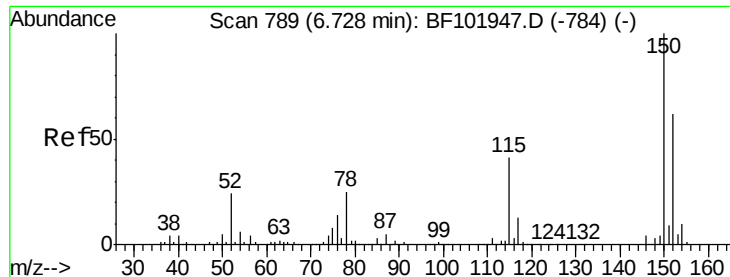
Data Path : Z:\HPCHEM1\BNA F\Data\BF012218\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.992	196	288396	59.35	nq	99
43) 2,4,5-Trichlorophenol	9.039	196	322474	58.72	nq	97
45) 1,1'-Biphenyl	9.181	154	1204843	54.69	nq	98
46) 2-Chloronaphthalene	9.204	162	957242	56.03	nq	99
47) 2-Nitroaniline	9.310	65	317168	61.98	nq	95
48) Acenaphthylene	9.622	152	1432045	52.82	nq	99
49) Dimethylphthalate	9.486	163	1170774	58.55	nq	100
50) 2,6-Dinitrotoluene	9.551	165	253512	63.47	nq	98
51) Acenaphthene	9.792	154	850937	51.71	nq	100
52) 3-Nitroaniline	9.722	138	299332	59.38	nq	97
53) 2,4-Dinitrophenol	9.828	184	117360	96.44	nq	# 22
54) Dibenzofuran	9.963	168	1179029	52.21	nq	98
55) 4-Nitrophenol	9.886	139	214327	57.06	nq	97
56) 2,4-Dinitrotoluene	9.957	165	299938	59.92	nq	# 93
57) Fluorene	10.304	166	934793	59.88	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.081	232	231688	59.26	nq	97
59) Diethylphthalate	10.181	149	1106281	55.62	nq	99
60) 4-Chlorophenyl-phenyle...	10.298	204	406425	61.13	nq	96
61) 4-Nitroaniline	10.339	138	302477	63.23	nq	90
62) Azobenzene	10.457	77	1012432	51.16	nq	97
64) 4,6-Dinitro-2-methylph...	10.363	198	182107	84.74	nq	97
65) n-Nitrosodiphenylamine	10.422	169	875386	53.49	nq	100
66) 4-Bromophenyl-phenylether	10.786	248	260356	56.41	nq	92
67) Hexachlorobenzene	10.851	284	293603	58.27	nq	# 88
68) Atrazine	10.951	200	254880	53.89	nq	98
69) Pentachlorophenol	11.045	266	172181	56.04	nq	98
70) Phenanthrene	11.263	178	1365871	53.50	nq	99
71) Anthracene	11.316	178	1409145	54.43	nq	99
72) Carbazole	11.475	167	1365842	53.67	nq	99
73) Di-n-butylphthalate	11.804	149	1709988	54.77	nq	99
74) Fluoranthene	12.451	202	1399188	55.71	nq	99
76) Benzidine	12.575	184	537349	33.79	nq	# 93
77) Pyrene	12.680	202	1435051	49.30	nq	99
79) Butylbenzylphthalate	13.298	149	733495	54.91	nq	98
80) Benzo(a)anthracene	13.869	228	1102573	52.48	nq	99
81) 3,3'-Dichlorobenzidine	13.833	252	394930	50.77	nq	99
82) Chrysene	13.904	228	1134023	51.76	nq	100
83) Bis(2-ethylhexyl)phtha...	13.851	149	931437	60.78	nq	# 99
84) Di-n-octyl phthalate	14.469	149	1560277	61.36	nq	100
85) Indeno(1,2,3-cd)pyrene	16.686	276	888087	55.70	nq	98
87) Benzo(b)fluoranthene	14.892	252	1028252	56.18	nq	97
88) Benzo(k)fluoranthene	14.921	252	1003712	56.84	nq	99
89) Benzo(a)pyrene	15.239	252	935866	56.82	nq	97
90) Dibenzo(a,h)anthracene	16.704	278	715517	54.43	nq	98
91) Benzo(g,h,i)perylene	17.104	276	709232	53.56	nq	96

(#) = 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: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

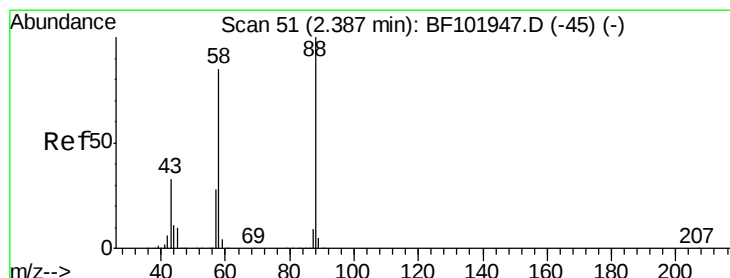
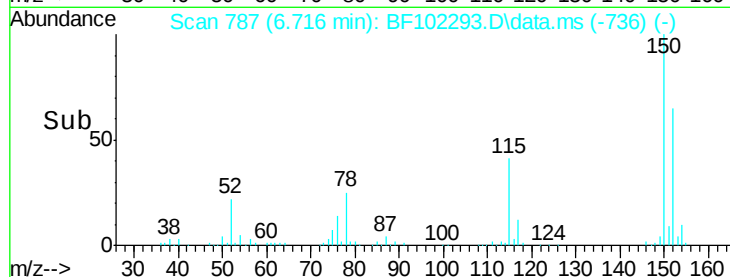
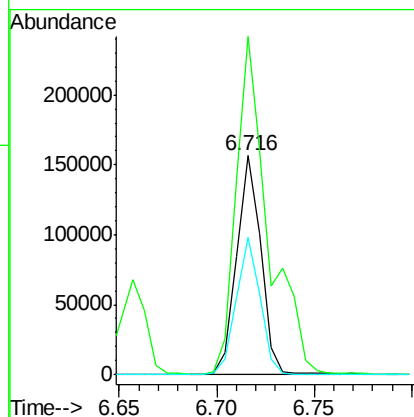
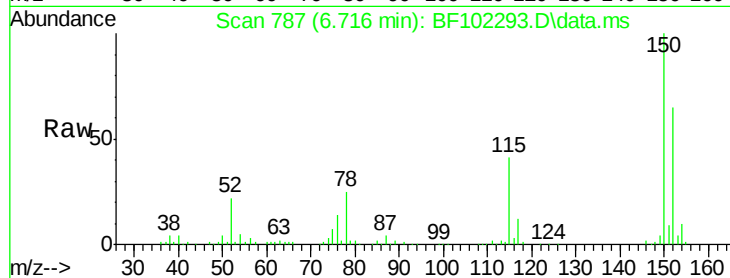
Tot Ion:152 Resp: 135117

Ion Ratio Lower Upper

152 100

150 154.5 124.6 186.8

115 62.9 50.1 75.1



#2

1,4-Dioxane

Concen: 51.72 ng

RT: 2.375 min Scan# 49

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

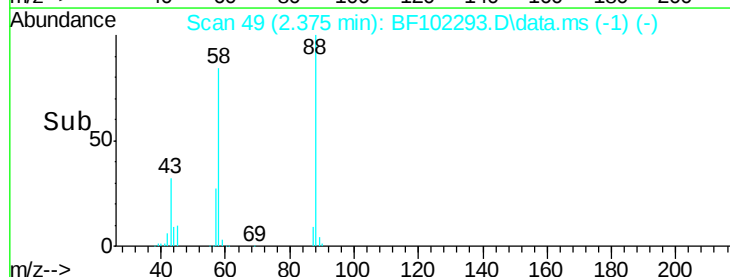
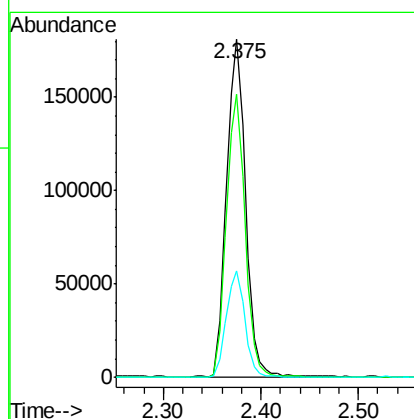
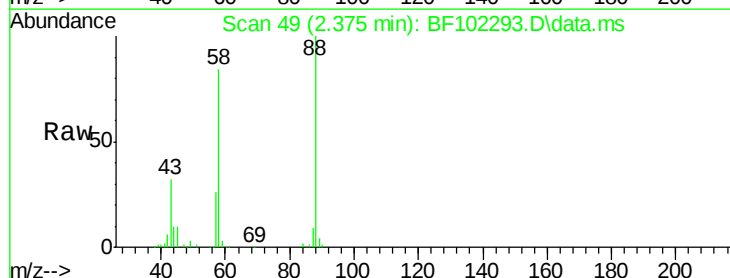
Tgt Ion: 88 Resp: 246992

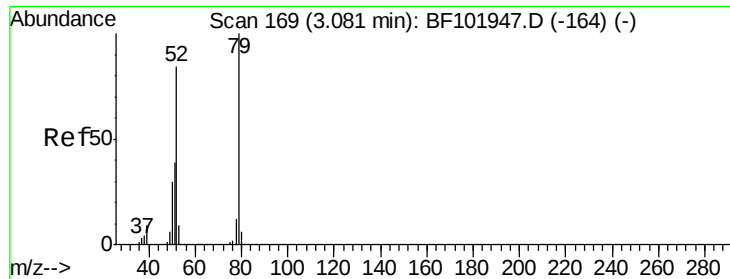
Ion Ratio Lower Upper

88 100

58 81.7 62.6 93.8

43 30.7 24.6 37.0





#3

Pvridine

Concen: 50.89 ng

RT: 3.081 min Scan# 16

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

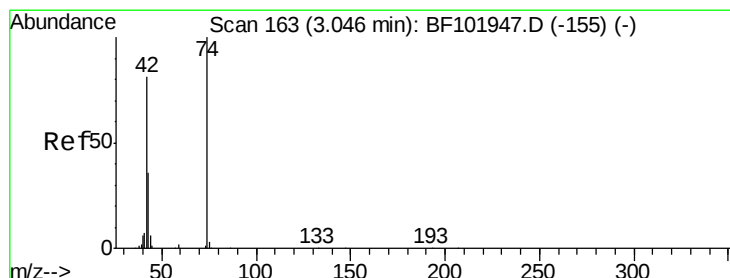
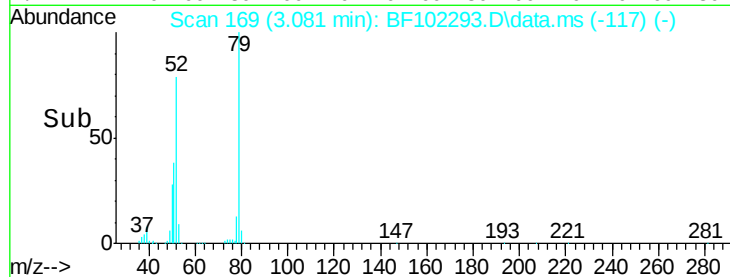
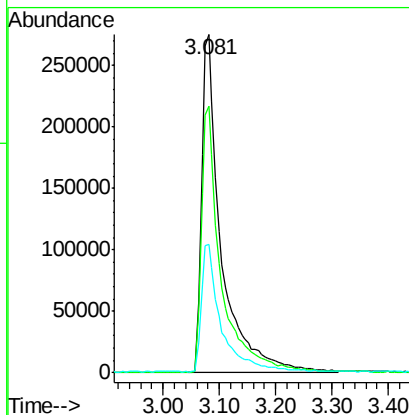
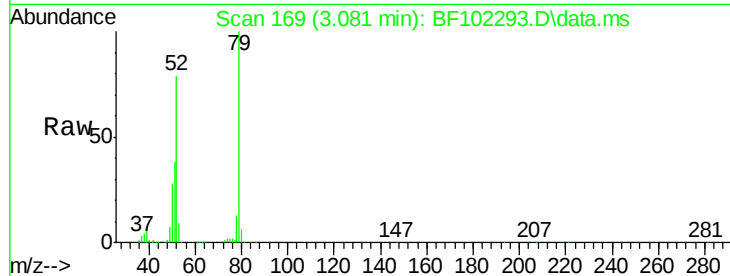
Tot Ion: 79 Resp: 663621

Ion Ratio Lower Upper

79 100

52 78.9 59.8 89.6

51 37.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 47.70 ng

RT: 3.058 min Scan# 165

Delta R.T. 0.018 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

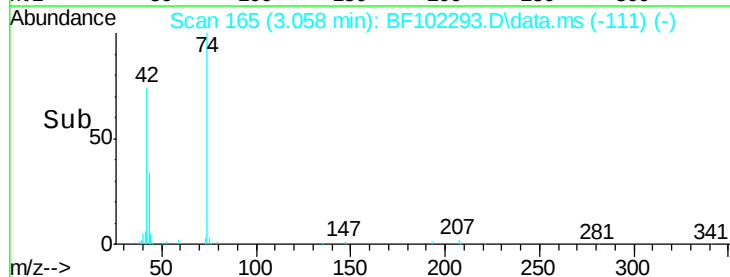
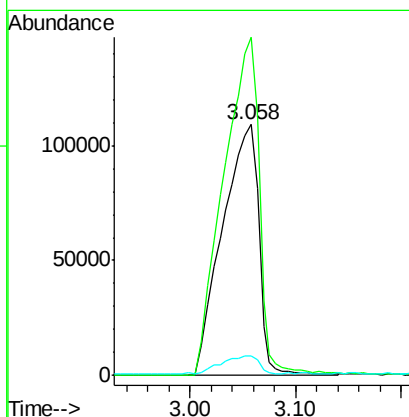
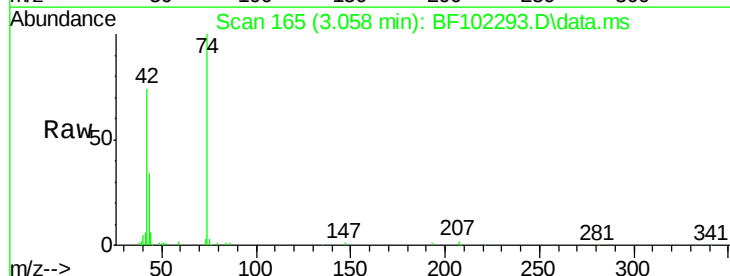
Tgt Ion: 42 Resp: 260503

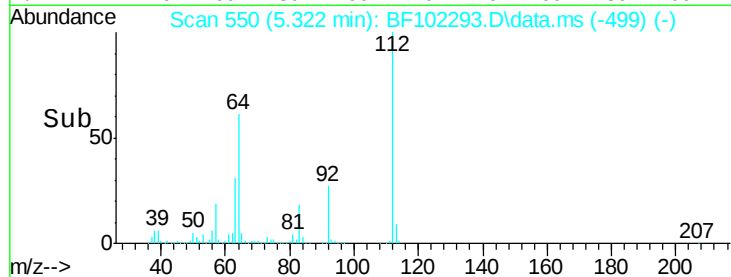
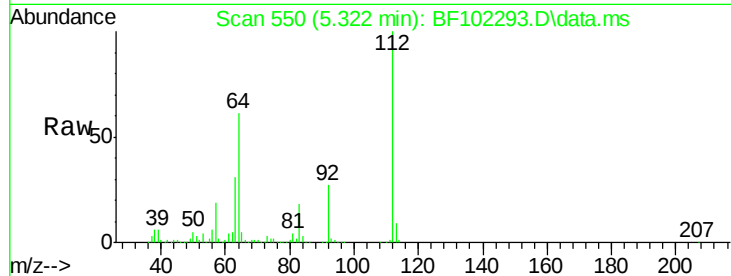
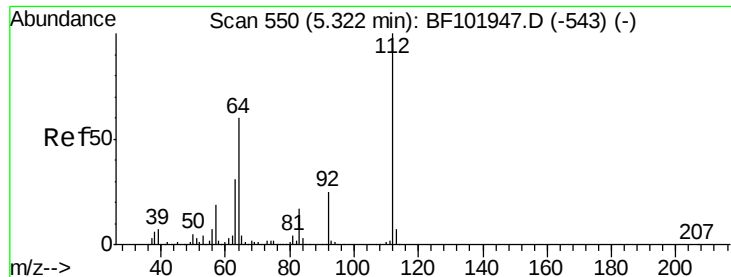
Ion Ratio Lower Upper

42 100

74 134.8 104.9 157.3

44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 104.63 ng

RT: 5.322 min Scan# 550

Delta R.T. 0.000 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

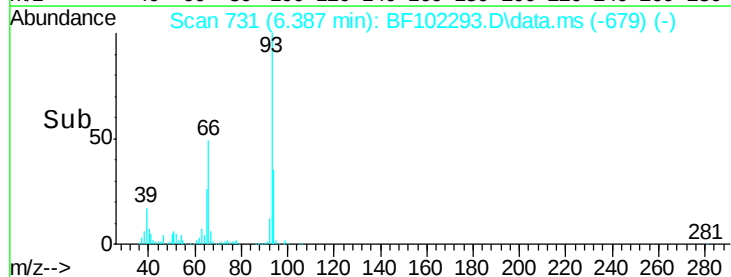
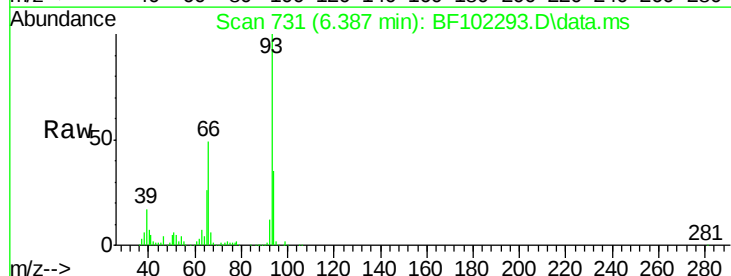
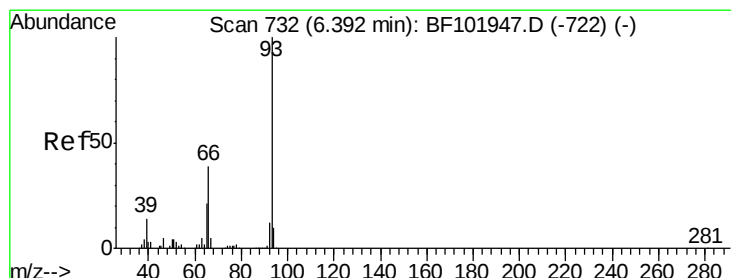
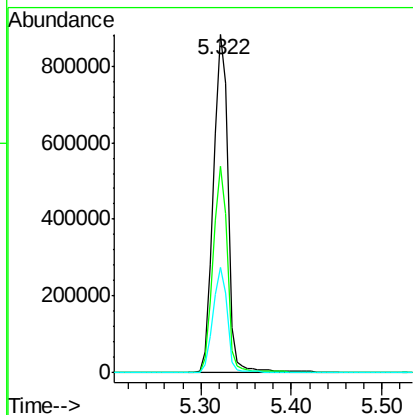
Tot Ion:112 Resp: 1001205

Ion Ratio Lower Upper

112 100

64 61.1 47.9 71.9

63 31.2 23.7 35.5



#6

Aniline

Concen: 49.15 ng

RT: 6.387 min Scan# 731

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

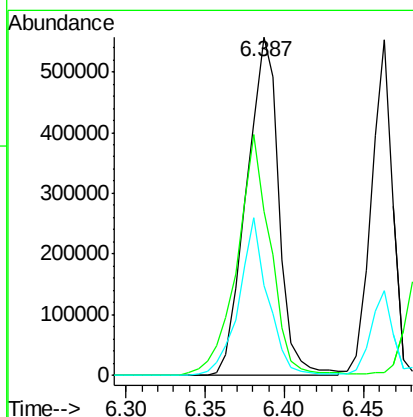
Tgt Ion: 93 Resp: 790692

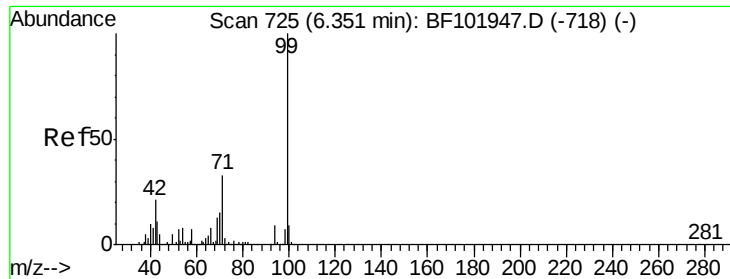
Ion Ratio Lower Upper

93 100

66 48.6 32.2 48.2#

65 26.4 16.4 24.6#





#7

Phenol-d6

Concen: 104.32 ng

RT: 6.363 min Scan# 72

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

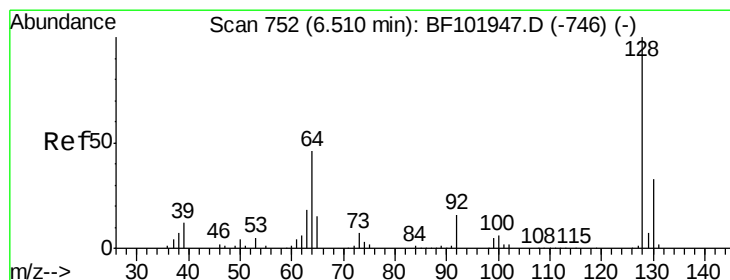
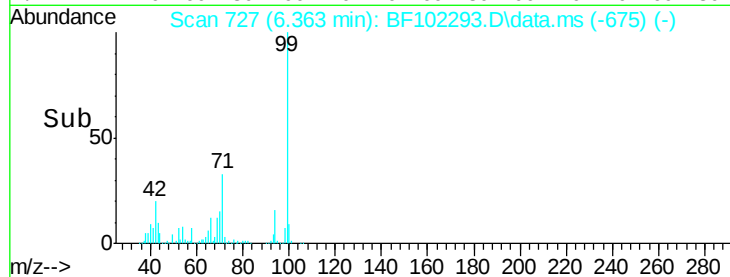
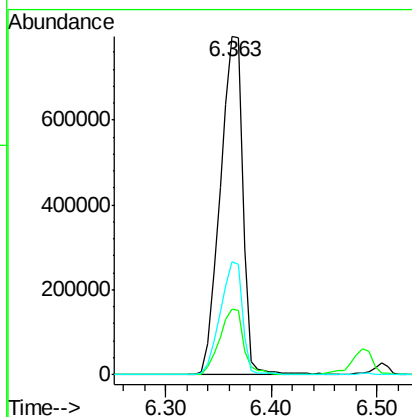
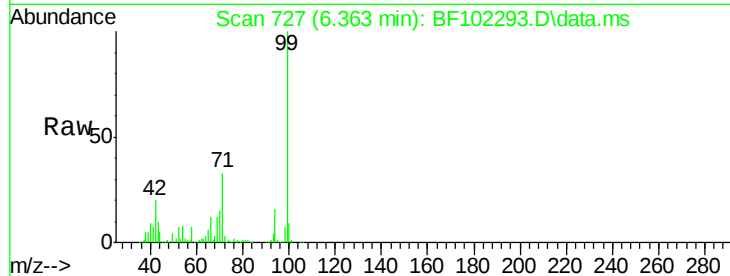
Tot Ion: 99 Resp: 1190977

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 33.2 25.4 38.0



#8

2-Chlorophenol

Concen: 54.95 ng

RT: 6.504 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

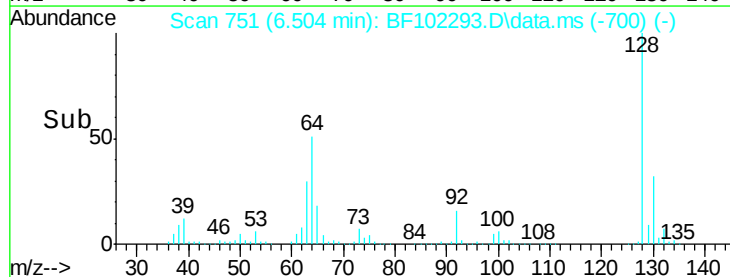
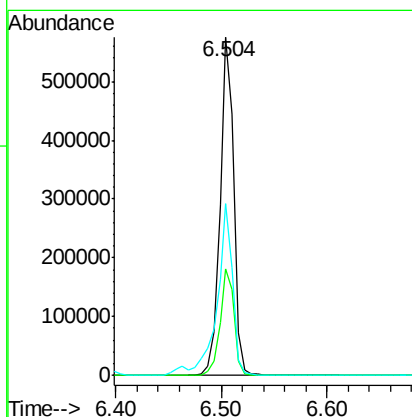
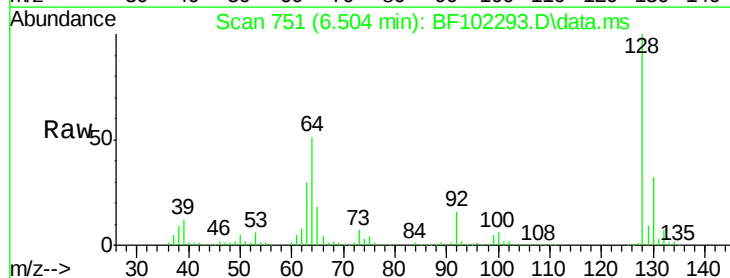
Tgt Ion: 128 Resp: 527365

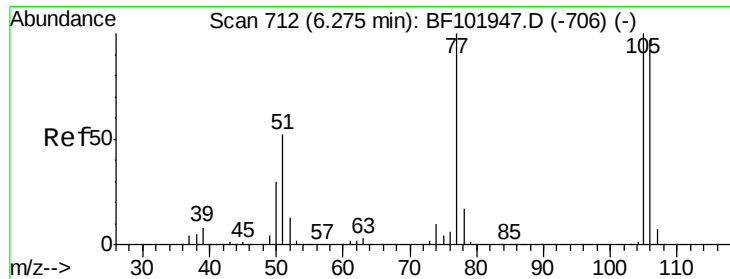
Ion Ratio Lower Upper

128 100

130 31.6 13.0 53.0

64 50.7 29.4 69.4

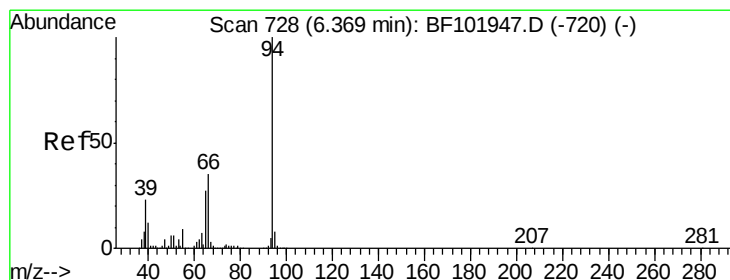
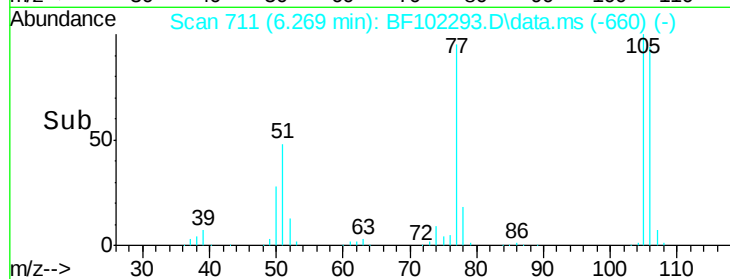
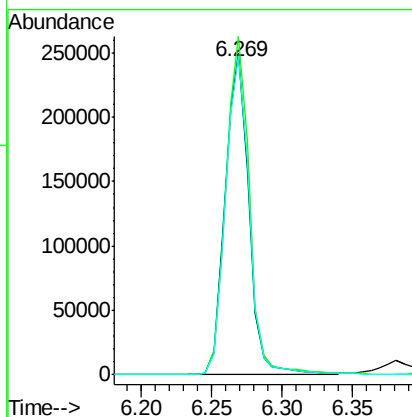
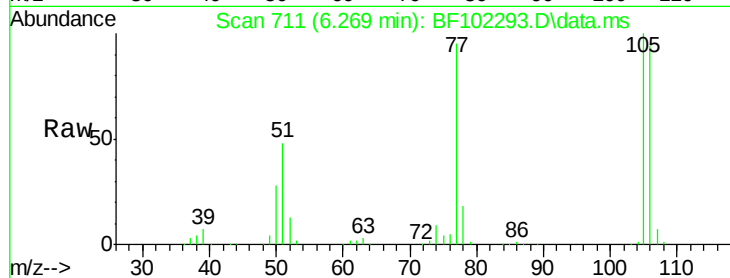




#9
Benzaldehyde
Concen: 36.54 ng
RT: 6.269 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

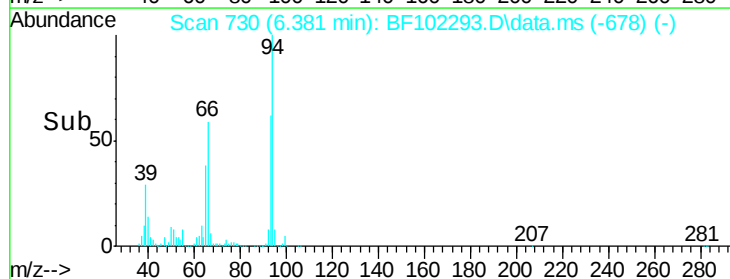
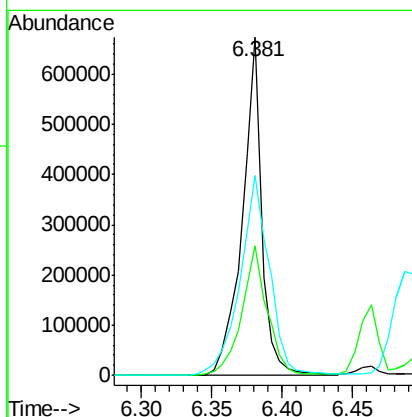
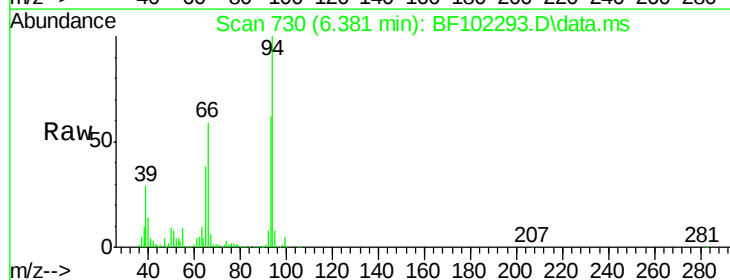
Instrument :
BNA_F
ClientSampleId :

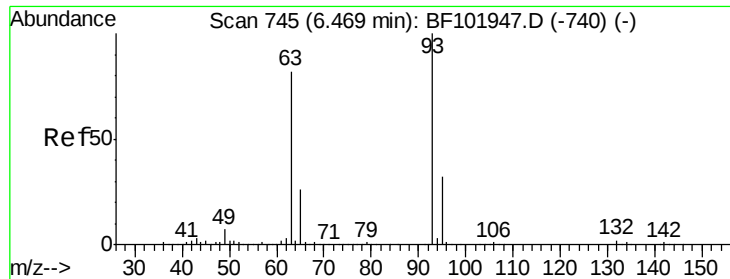
Tot Ion	Ratio	Lower	Upper
77	100		
105	105.0	81.1	121.1
106	99.2	74.5	114.5



#10
Phenol
Concen: 50.37 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.006 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.5	7.9	47.9
66	58.9	16.2	56.2

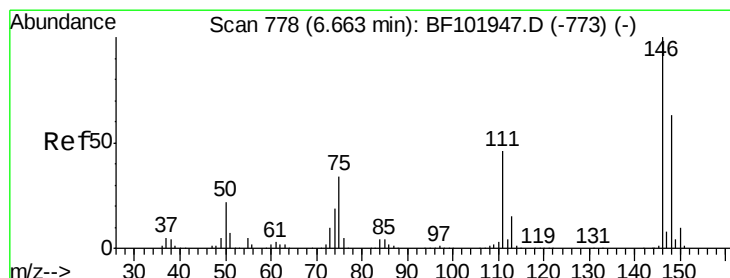
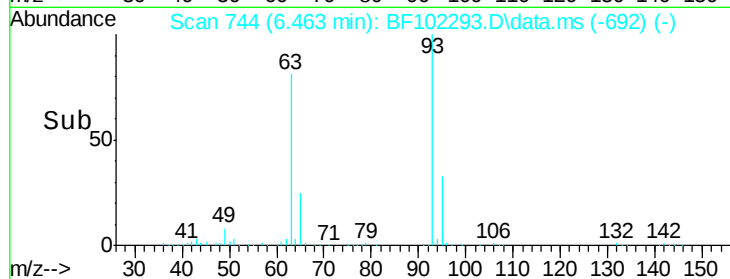
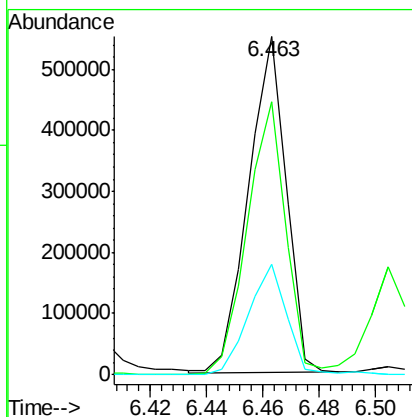
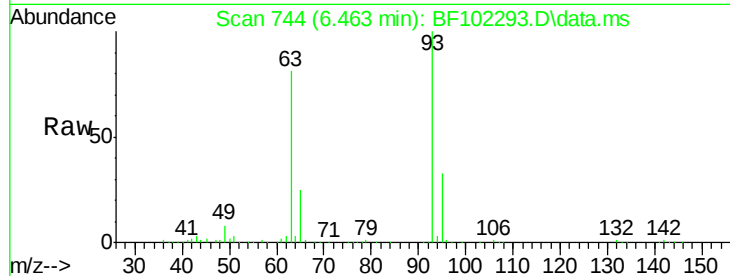




#11
bis(2-Chloroethyl)ether
Concen: 51.90 ng
RT: 6.463 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

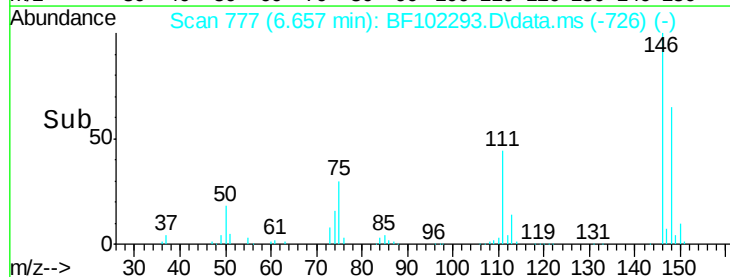
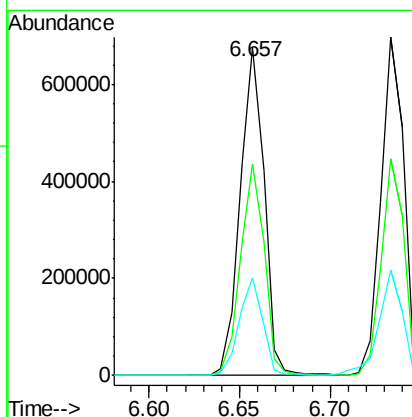
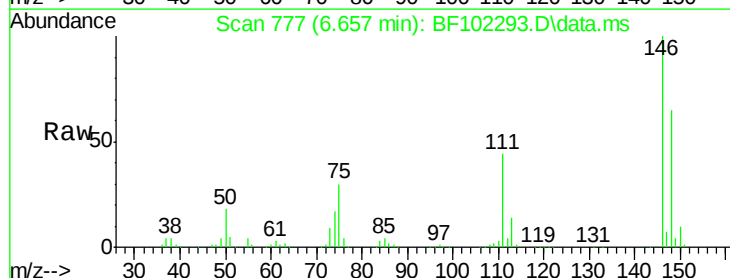
Instrument :
BNA_F
ClientSampleId :

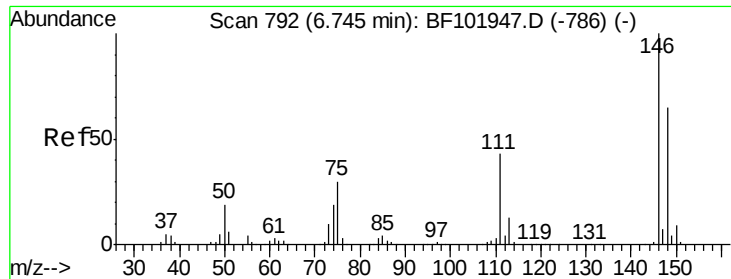
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.6	58.6	98.6
95	32.5	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 56.21 ng
RT: 6.657 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	29.7	24.2	36.4

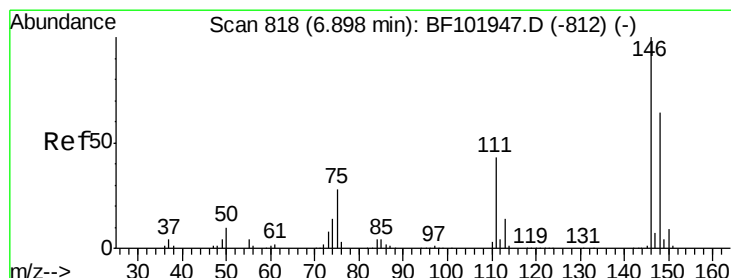
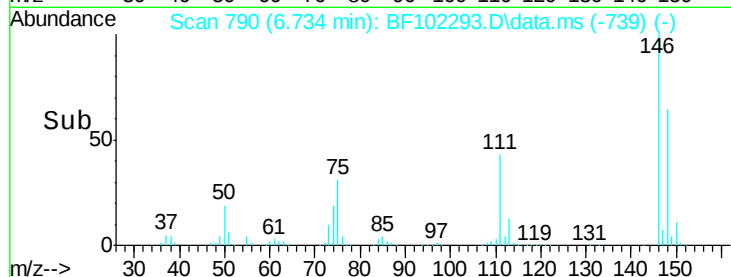
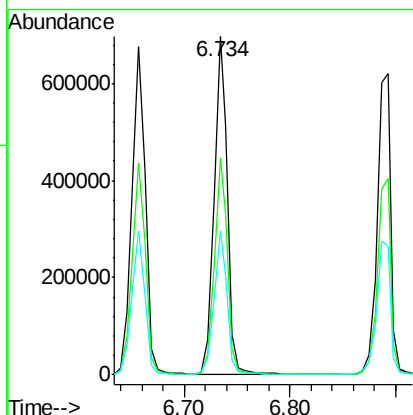
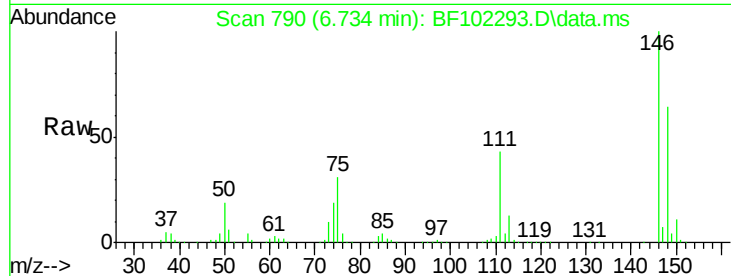




#13
 1,4-Dichlorobenzene
 Concen: 56.57 ng
 RT: 6.734 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

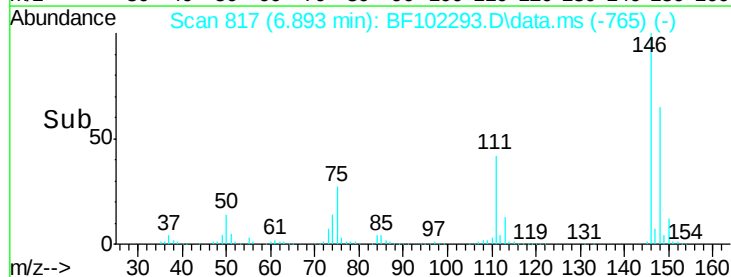
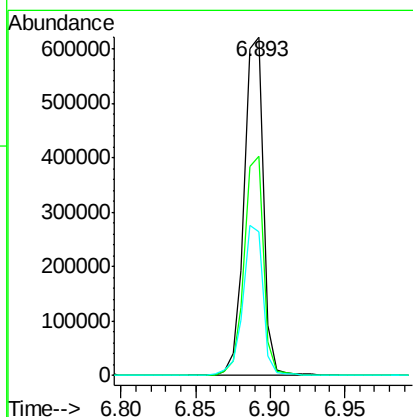
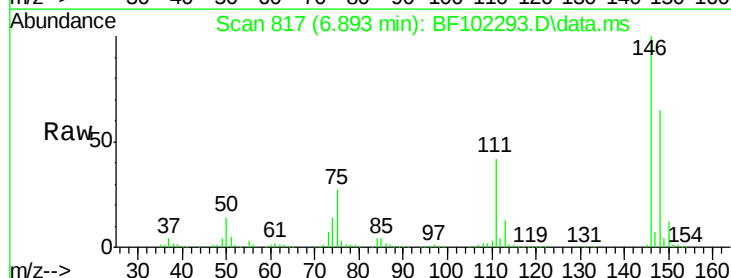
Instrument :
 BNA_F
 ClientSampleId :

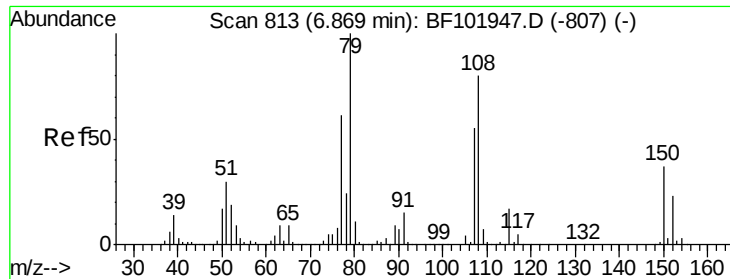
Tot Ion:146 Resp: 624506
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 42.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 54.65 ng
 RT: 6.893 min Scan# 817
 Delta R.T. 0.006 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

Tgt Ion:146 Resp: 558388
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.6 75.8
 111 42.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 49.01 ng

RT: 6.869 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampled :

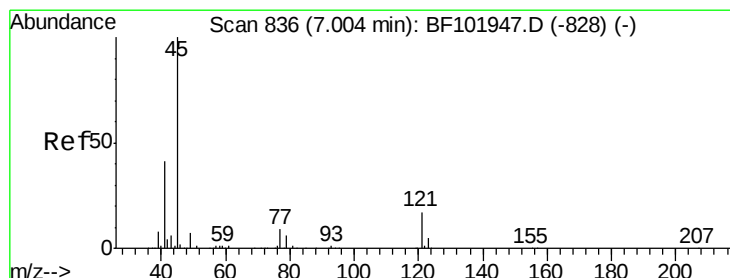
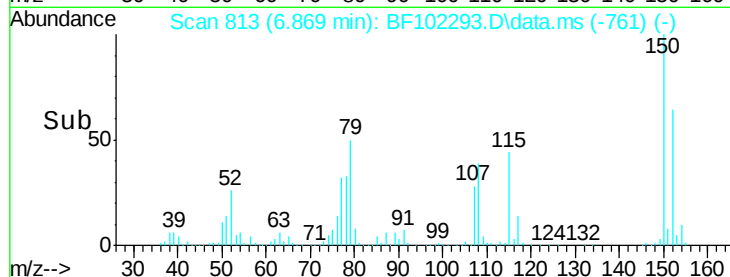
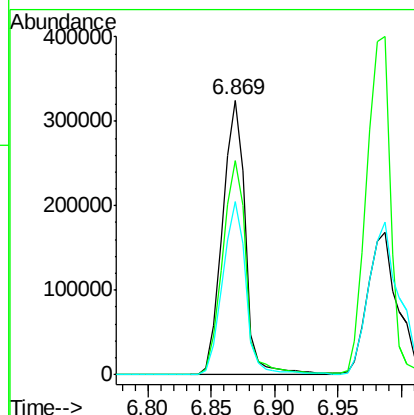
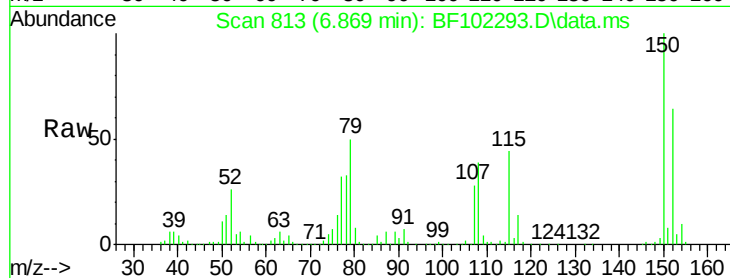
Tot Ion: 79 Resp: 409286

Ion Ratio Lower Upper

79 100

108 78.1 65.1 97.7

77 62.8 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.02 ng

RT: 6.998 min Scan# 835

Delta R.T. 0.000 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

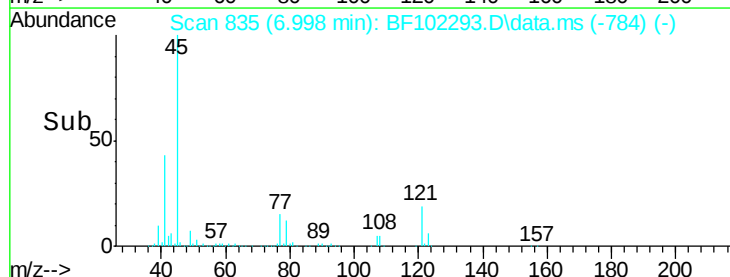
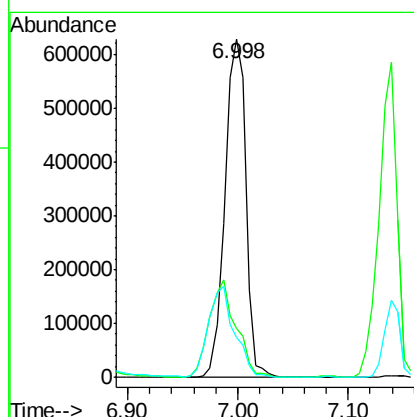
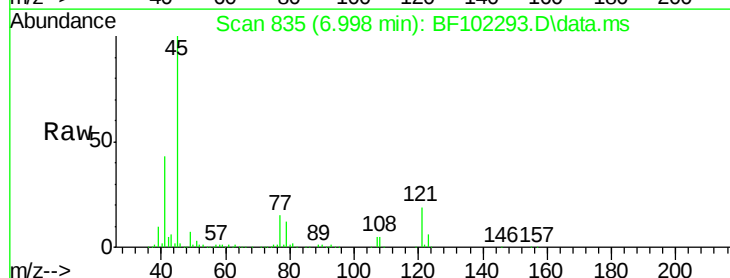
Tgt Ion: 45 Resp: 833138

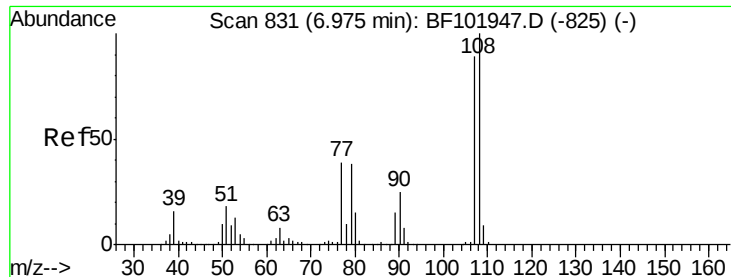
Ion Ratio Lower Upper

45 100

77 14.5 0.0 32.9

79 11.8 0.0 29.6

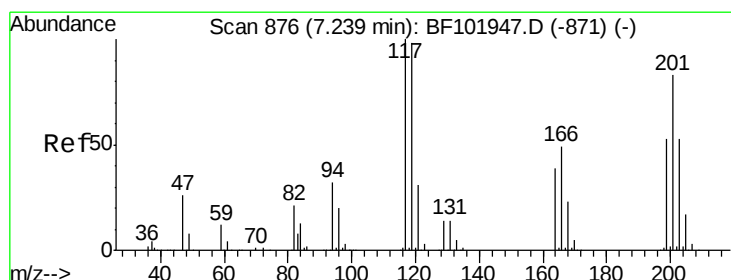
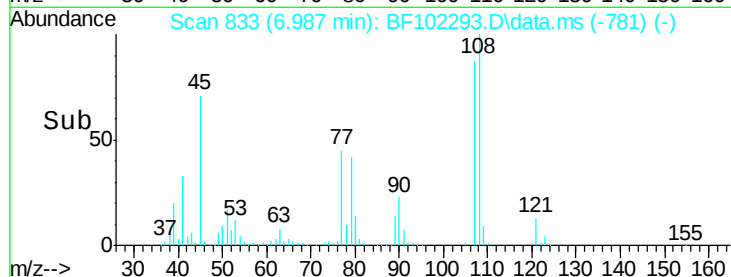
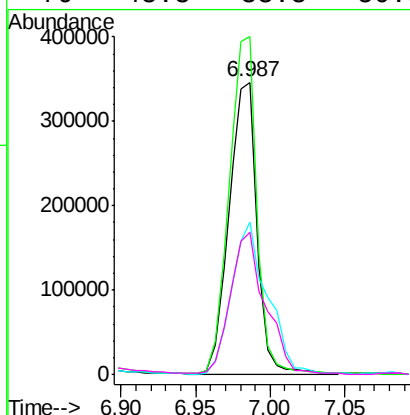
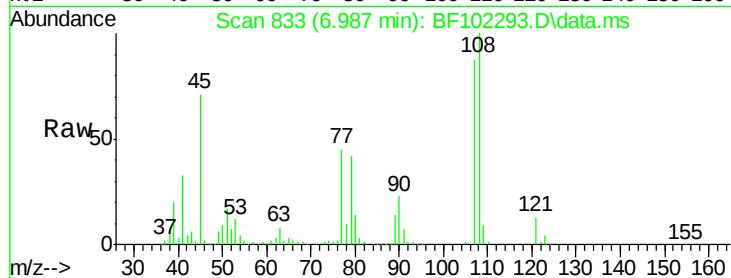




#17
2-Methylphenol
Concen: 52.40 ng
RT: 6.987 min Scan# 831
Delta R.T. 0.006 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

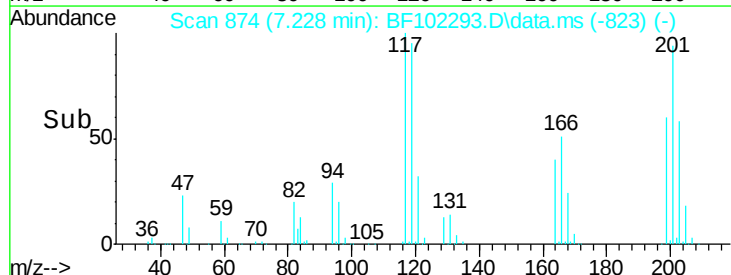
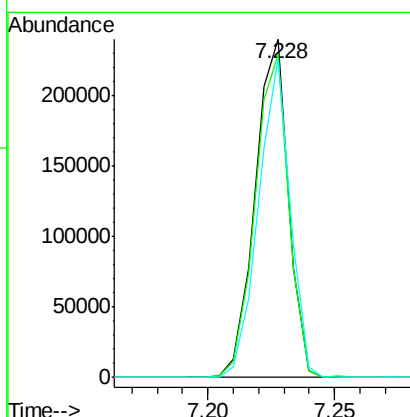
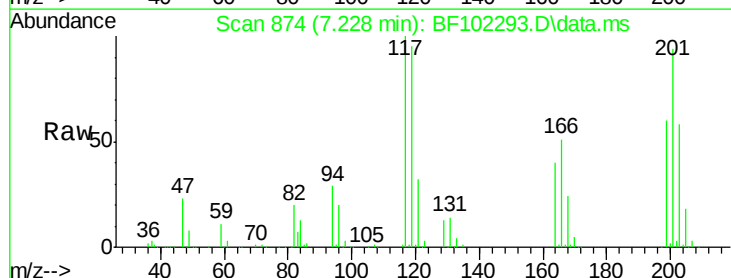
Instrument :
BNA_F
ClientSampleId :

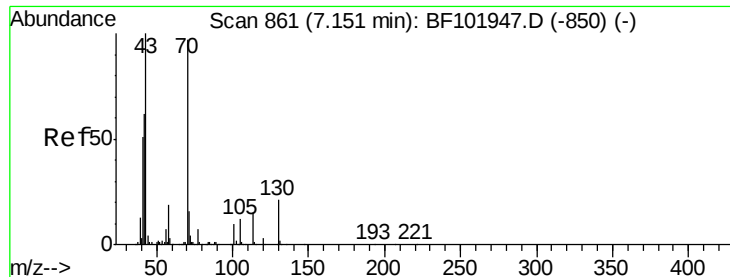
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.7	137.5
77	52.3	33.8	50.8
79	48.8	33.8	50.8



#18
Hexachloroethane
Concen: 56.27 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.8	113.8
201	94.4	75.7	113.5

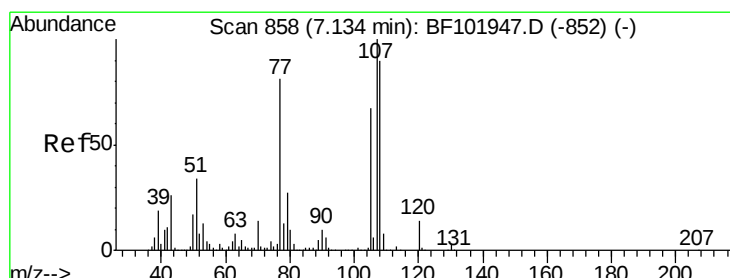
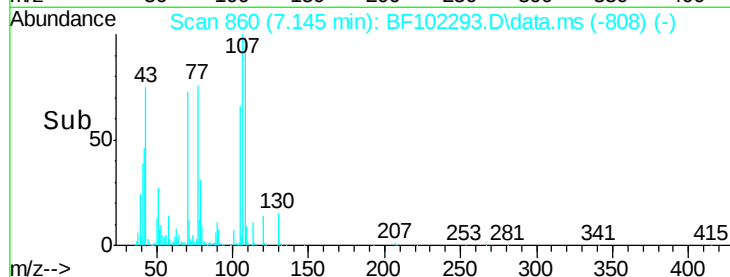
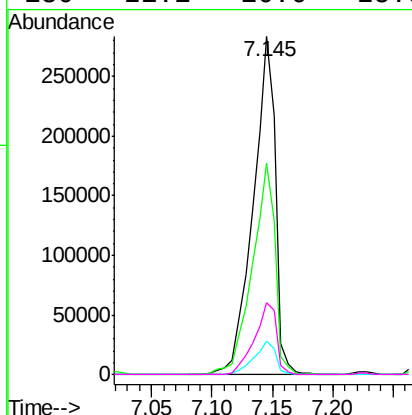
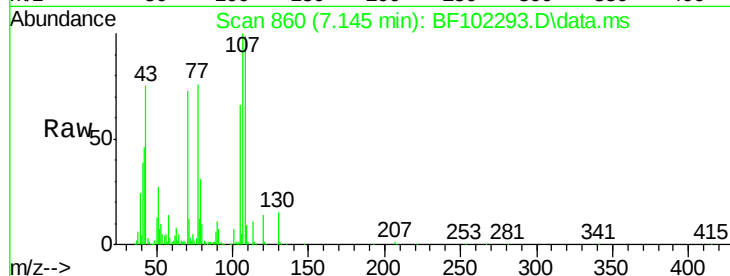




#19
n-Nitroso-di-n-propylamine
Concen: 48.79 ng
RT: 7.145 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

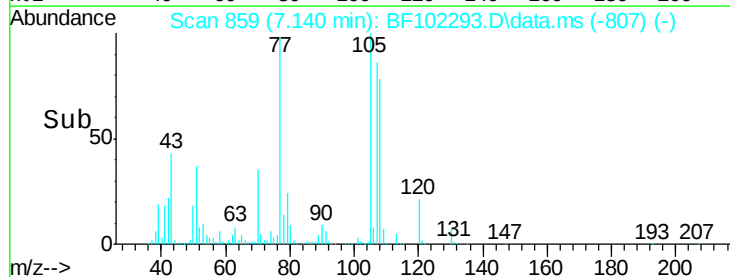
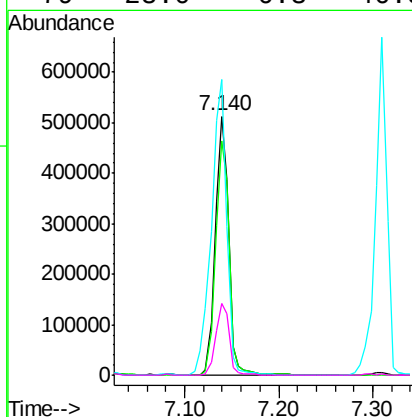
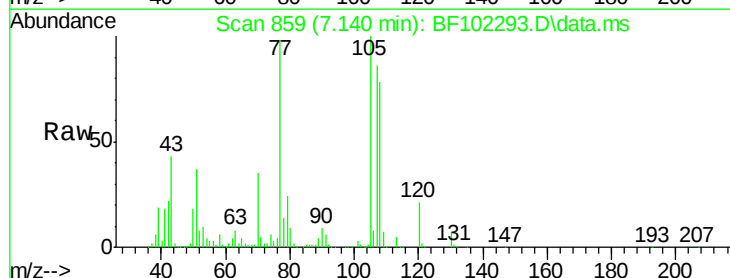
Instrument :
BNA_F
ClientSampleId :

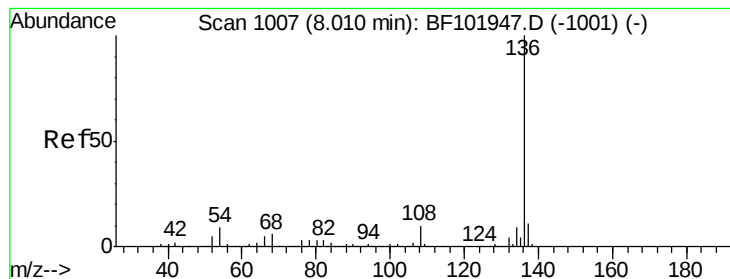
Tot Ion:	70	Resp:	365046
Ion	Ratio	Lower	Upper
70	100		
42	62.6	47.5	71.3
101	10.0	7.4	11.2
130	21.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 49.94 ng
RT: 7.140 min Scan# 859
Delta R.T. 0.006 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

Tgt Ion:	107	Resp:	519157
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.2	108.2
77	114.4	26.7	66.7#
79	28.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.998 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 557271

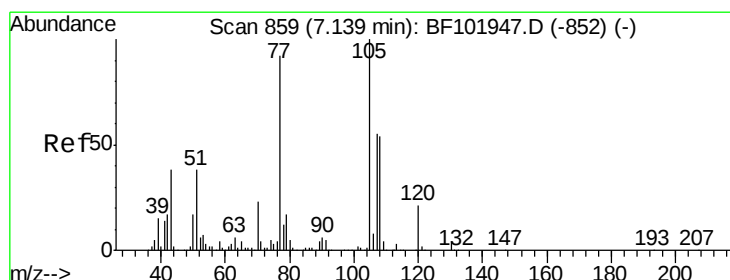
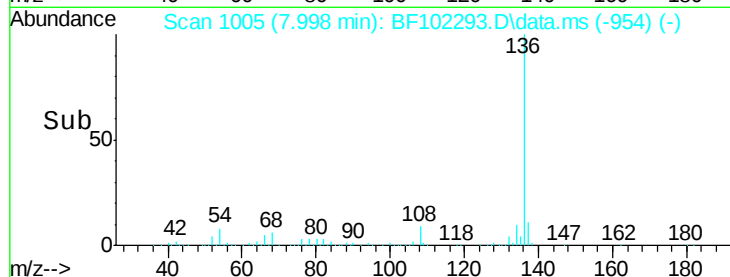
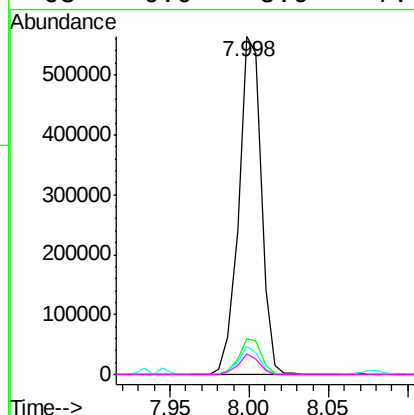
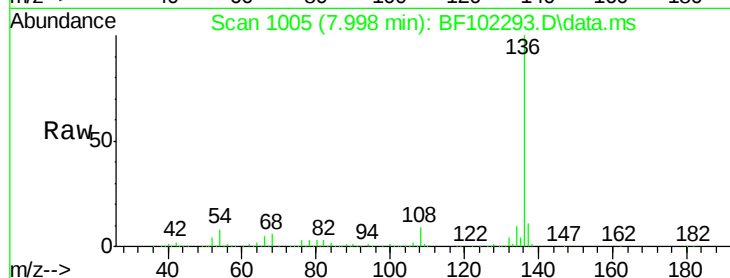
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.5 6.6 9.8

68 6.0 5.0 7.4



#22

Acetophenone

Concen: 53.44 ng

RT: 7.140 min Scan# 859

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Tgt Ion:105 Resp: 717545

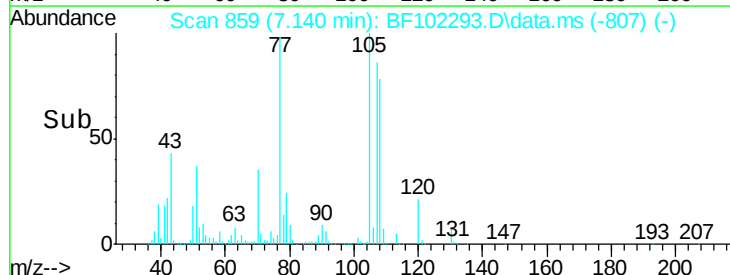
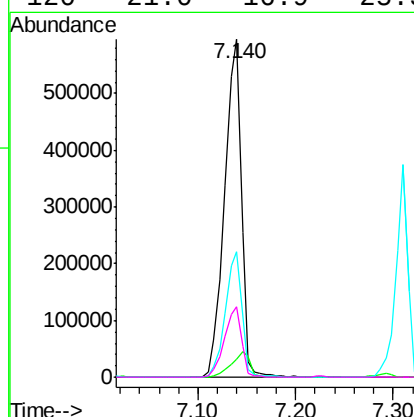
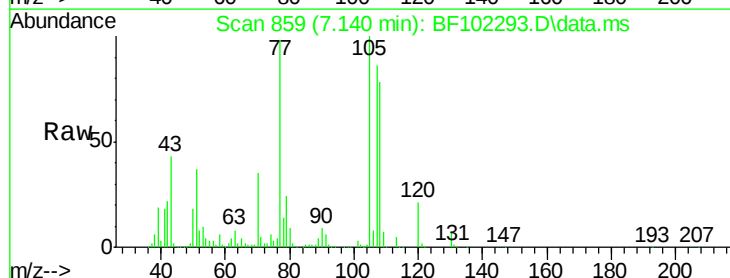
Ion Ratio Lower Upper

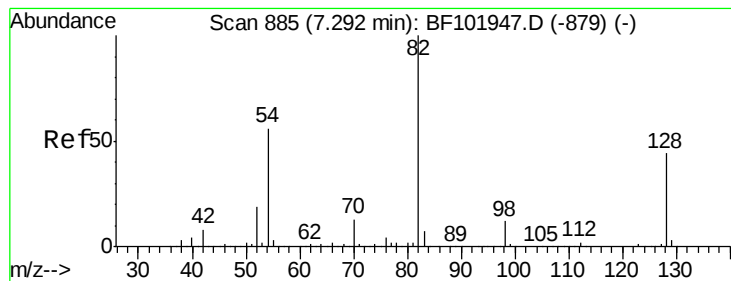
105 100

71 5.4 4.4 6.6

51 37.0 22.3 33.5#

120 21.0 16.9 25.3





#23

Nitrobenzene-d5

Concen: 116.72 ng

RT: 7.293 min Scan# 885

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

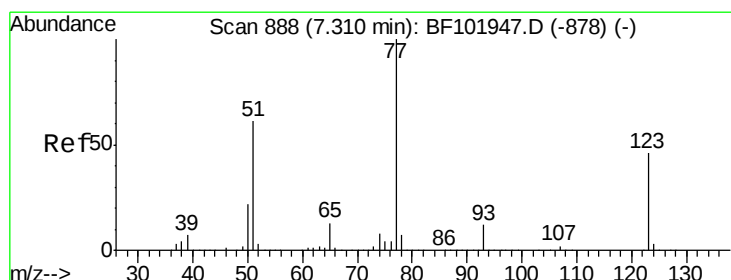
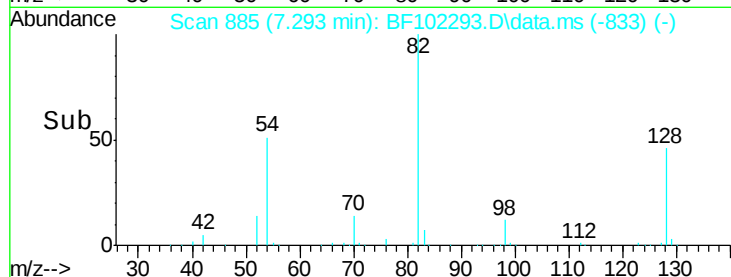
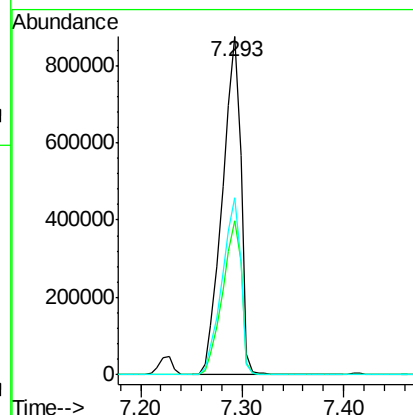
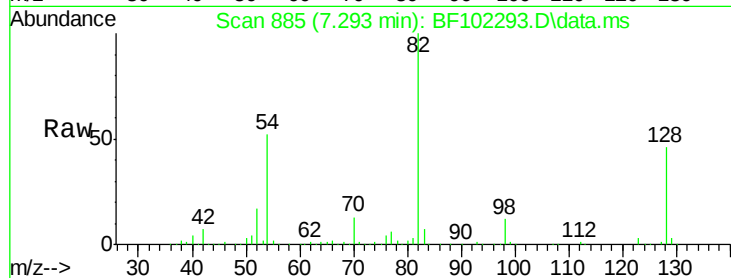
Tot Ion: 82 Resp: 1106902

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

54 52.4 41.4 62.2



#24

Nitrobenzene

Concen: 54.90 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

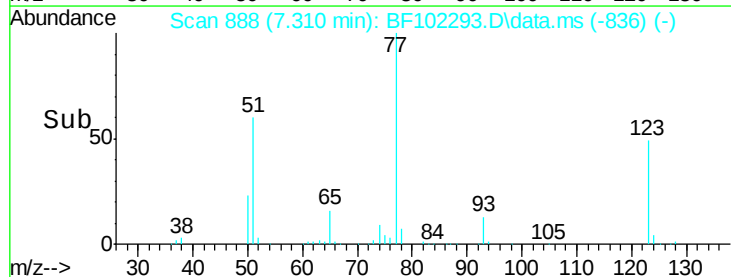
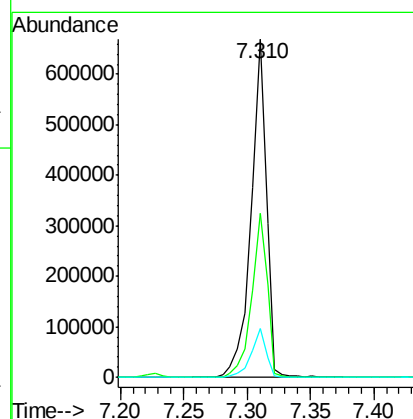
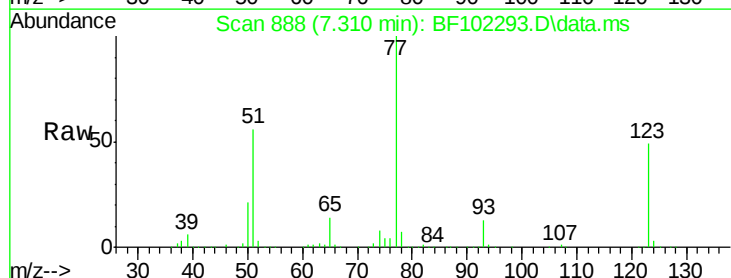
Tgt Ion: 77 Resp: 559415

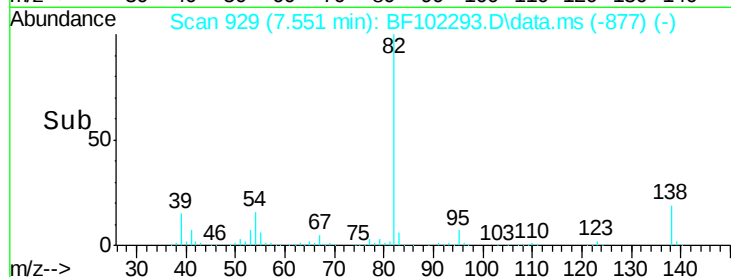
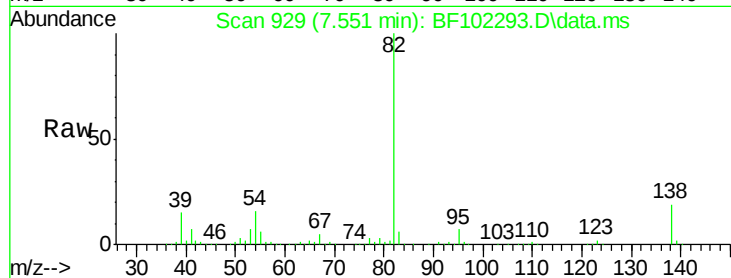
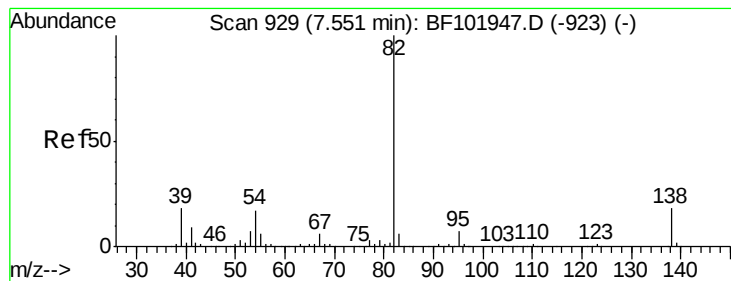
Ion Ratio Lower Upper

77 100

123 48.6 37.9 56.9

65 14.3 11.0 16.4





#25

Isophorone

Concen: 53.49 ng

RT: 7.551 min Scan# 92

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

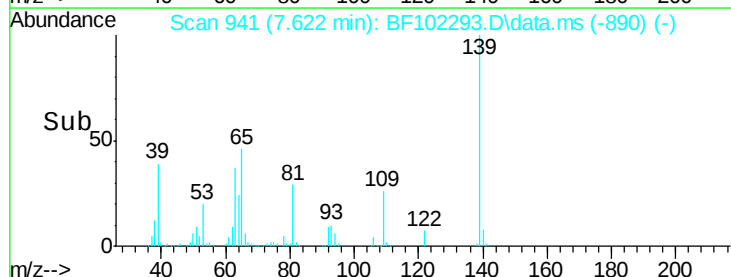
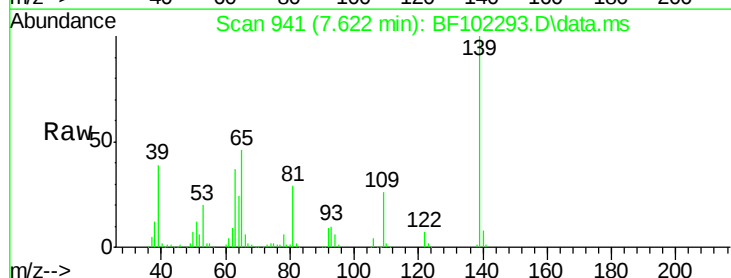
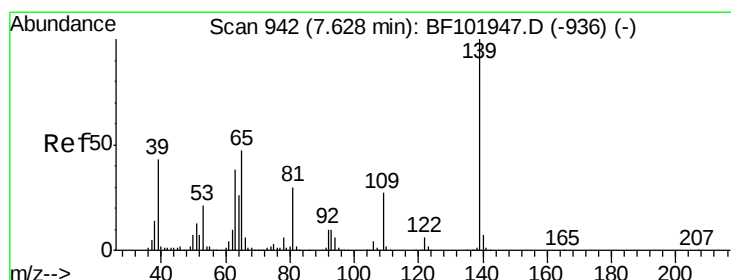
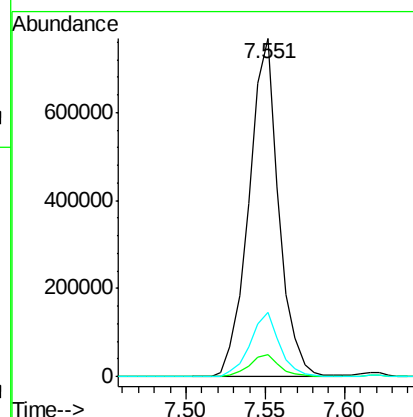
Tot Ion: 82 Resp: 1002352

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 18.9 14.9 22.3



#26

2-Nitrophenol

Concen: 72.55 ng

RT: 7.622 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

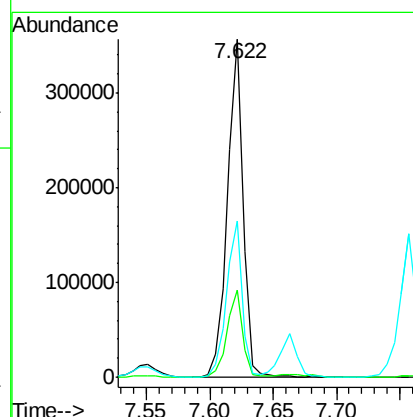
Tgt Ion: 139 Resp: 309447

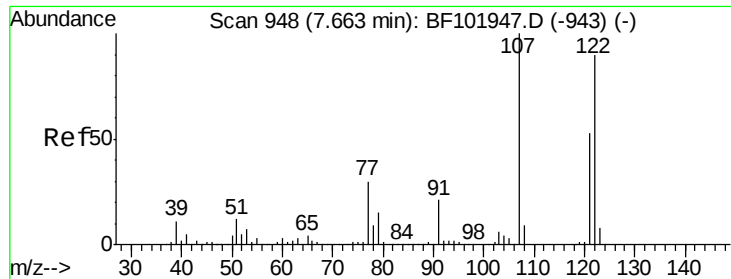
Ion Ratio Lower Upper

139 100

109 25.7 22.7 34.1

65 46.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 54.04 ng

RT: 7.663 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

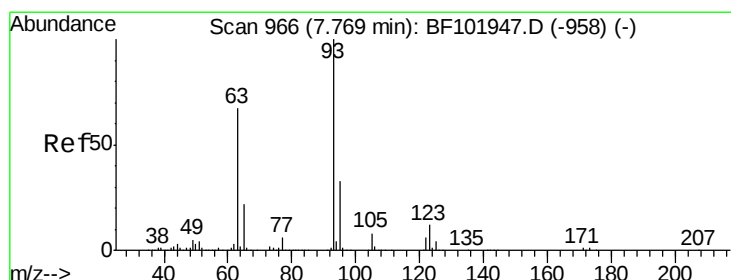
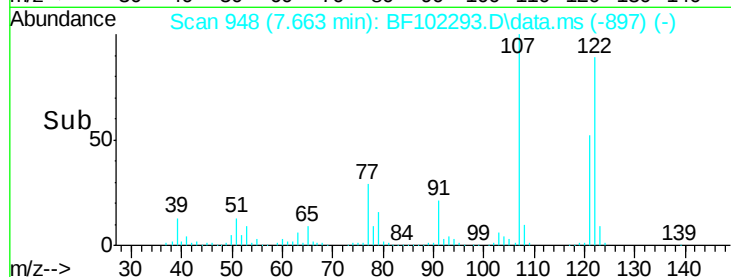
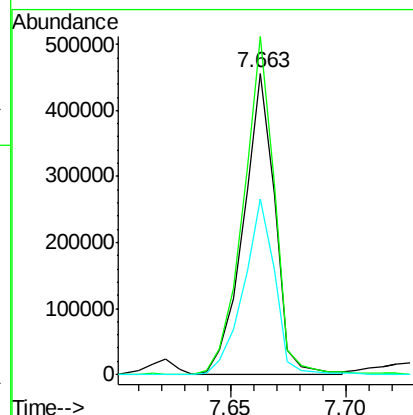
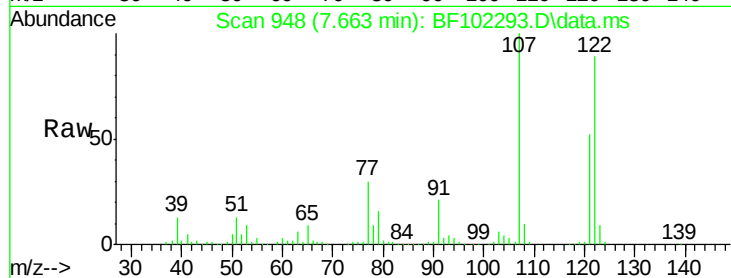
Tot Ion:122 Resp: 430462

Ion Ratio Lower Upper

122 100

107 112.2 91.2 136.8

121 58.1 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 53.99 ng

RT: 7.757 min Scan# 964

Delta R.T. 0.000 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

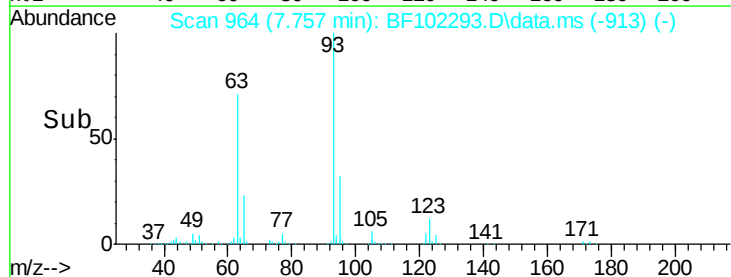
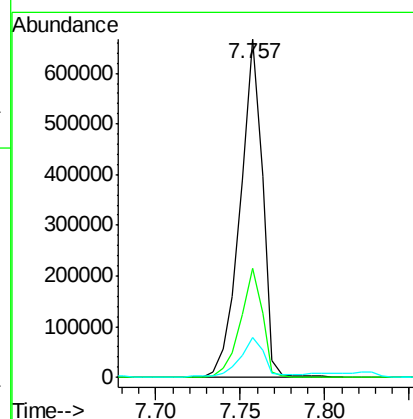
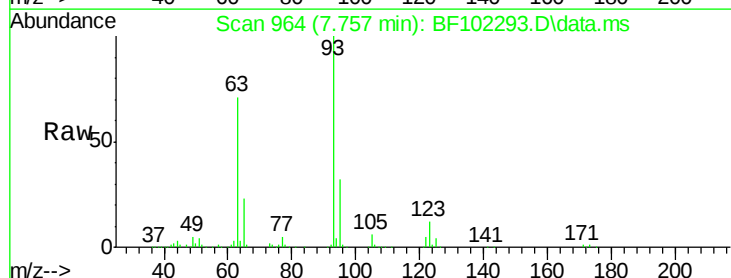
Tgt Ion: 93 Resp: 610813

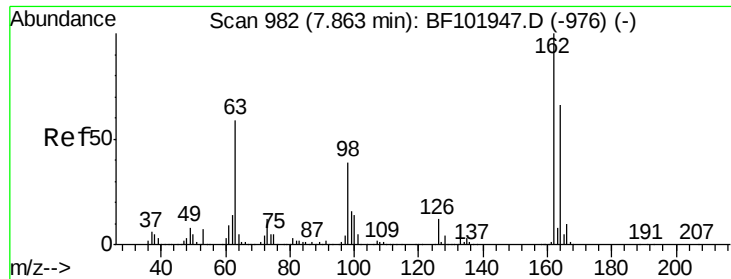
Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

123 11.8 9.8 14.6

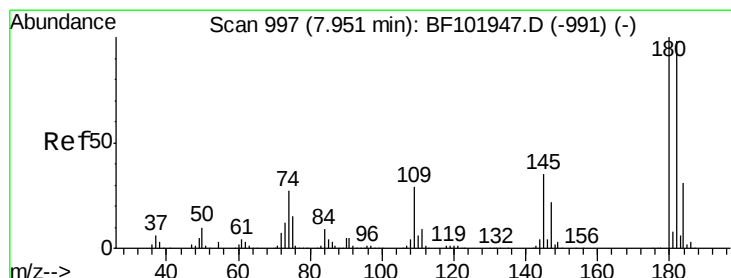
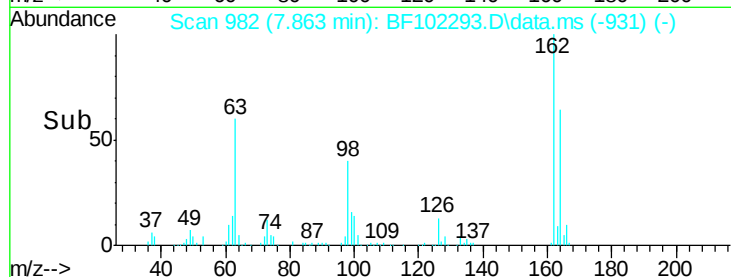
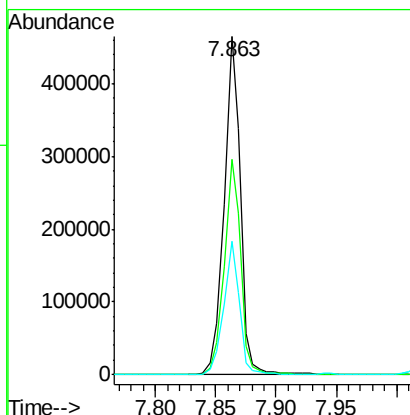
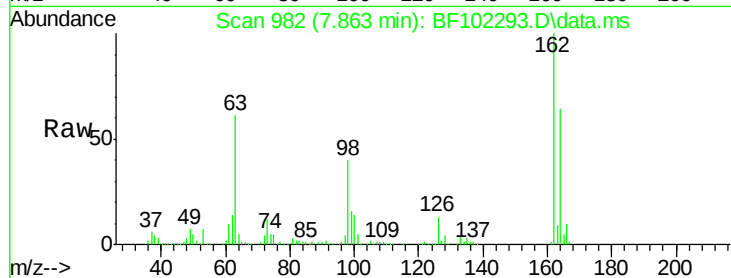




#29
2,4-Dichlorophenol
Concen: 57.09 ng
RT: 7.863 min Scan# 98
Delta R.T. 0.000 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

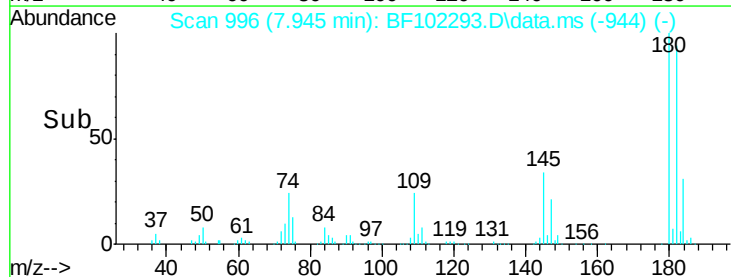
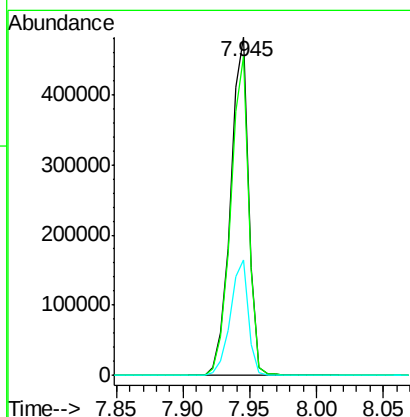
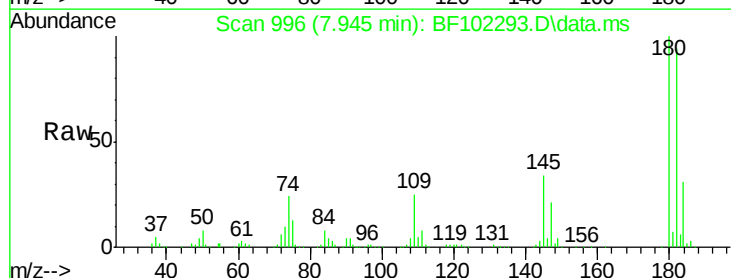
Instrument :
BNA_F
ClientSampled :

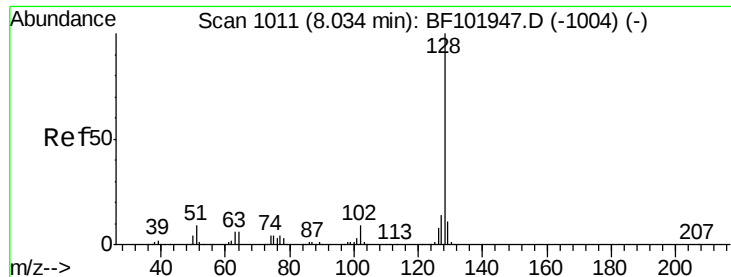
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	39.6	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 58.83 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.006 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.8	115.2
145	34.0	26.5	39.7

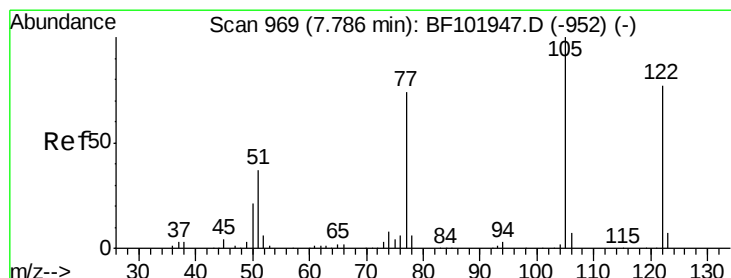
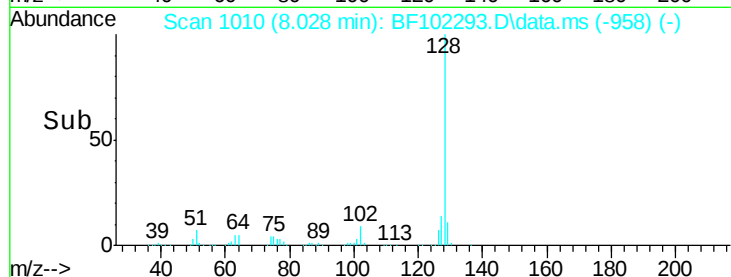
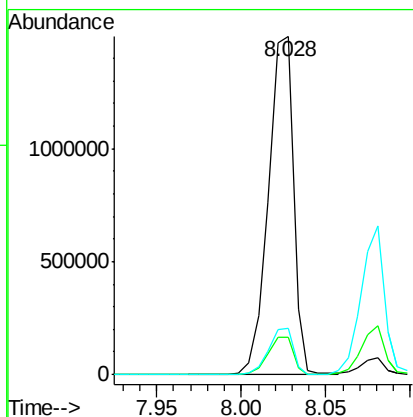
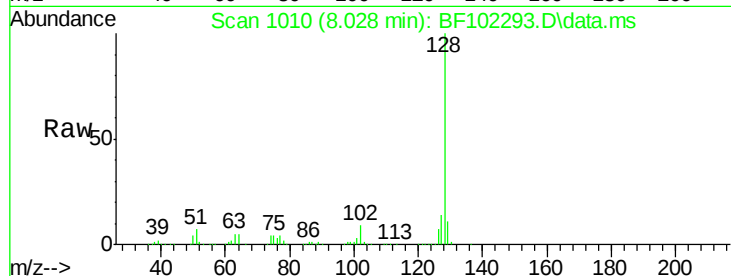




#31
Naphthalene
Concen: 55.46 ng
RT: 8.028 min Scan# 1011
Delta R.T. 0.006 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

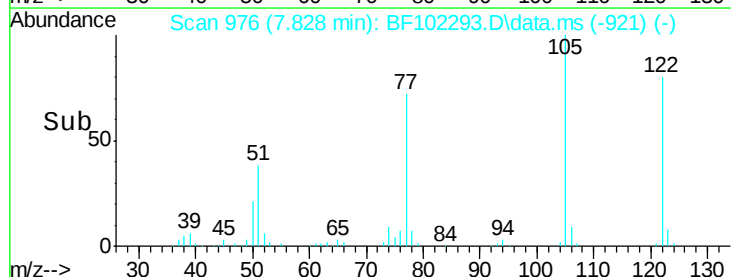
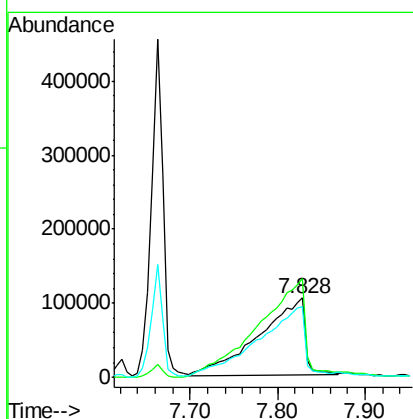
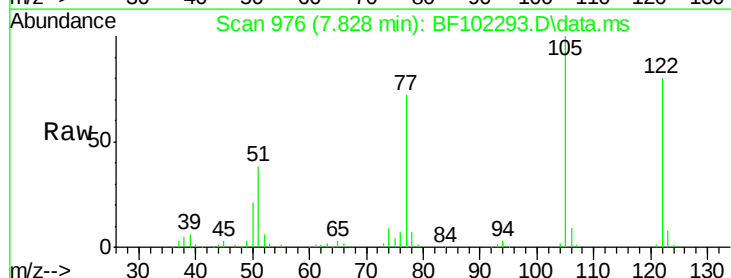
Instrument :
BNA_F
ClientSampleId :

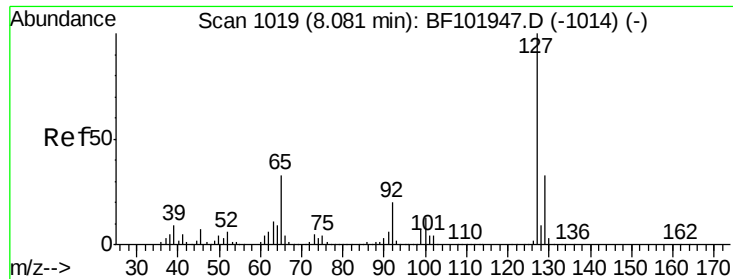
Tot Ion:128 Resp: 1544434
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 62.20 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.024 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

Tgt Ion:122 Resp: 375690
Ion Ratio Lower Upper
122 100
105 125.4 101.1 141.1
77 89.8 70.7 110.7

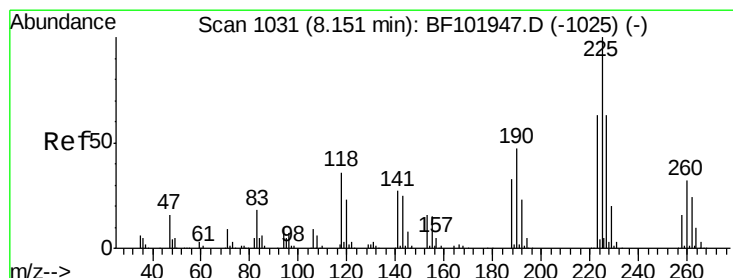
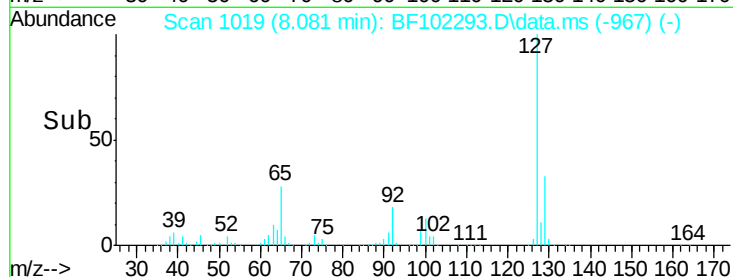
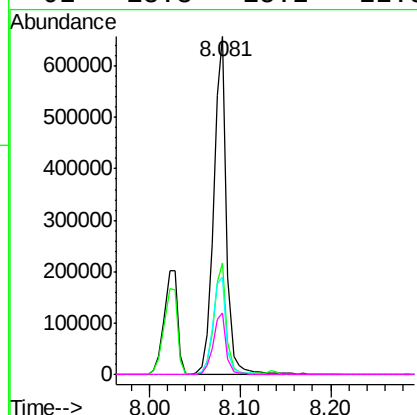
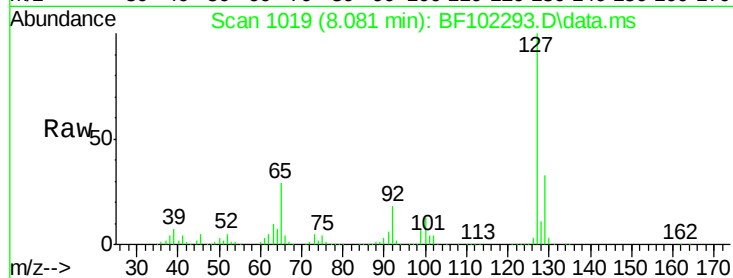




#33
4-Chloroaniline
Concen: 54.45 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

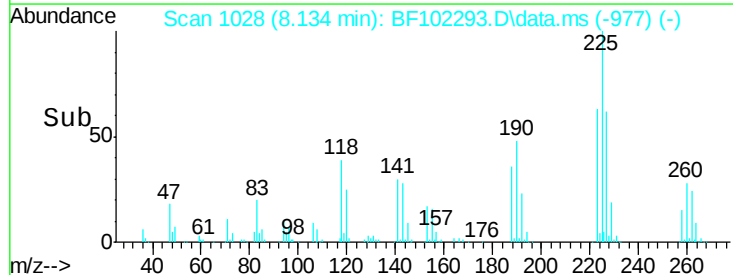
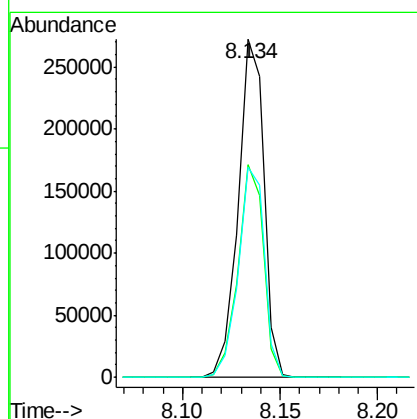
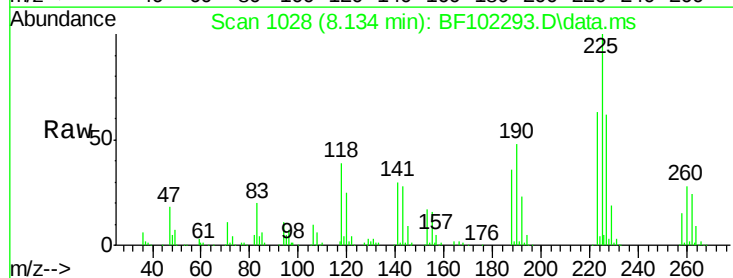
Instrument :
BNA_F
ClientSampleId :

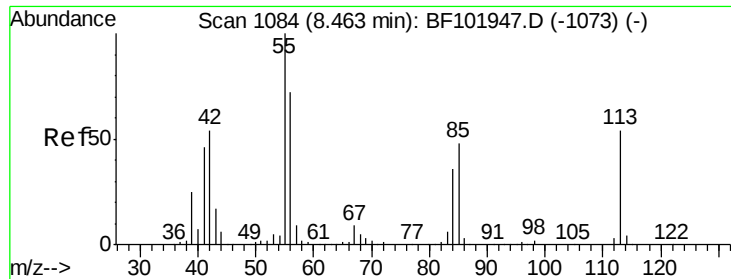
Tot Ion:	127	Resp:	647191
Ion Ratio	Lower	Upper	
127	100		
129	32.8	25.9	38.9
65	28.8	25.0	37.4
92	18.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 59.41 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

Tgt Ion:	225	Resp:	248779
Ion Ratio	Lower	Upper	
225	100		
223	62.9	50.6	76.0
227	62.1	51.9	77.9

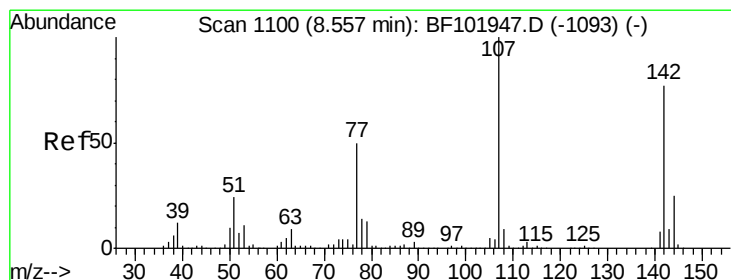
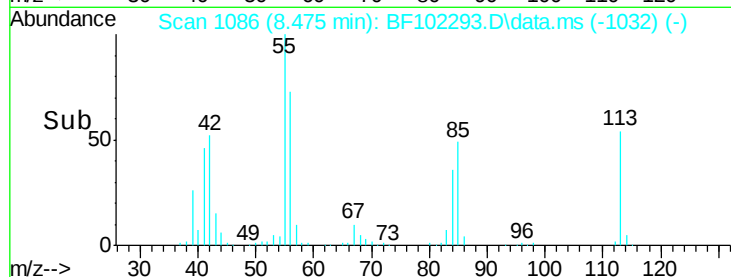
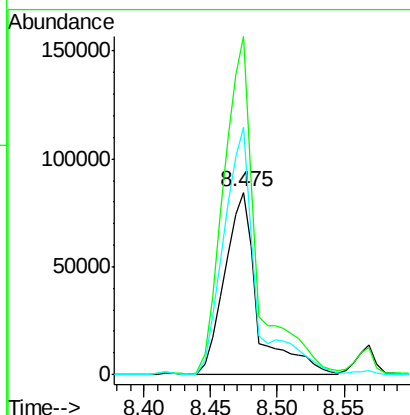
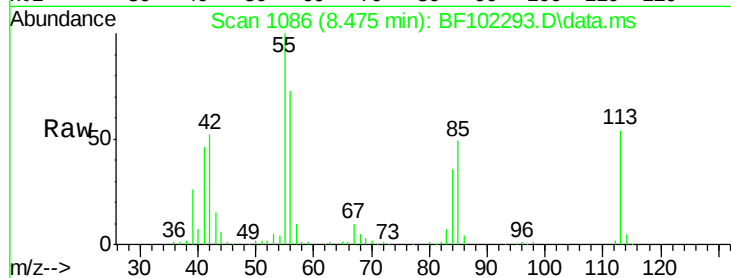




#35
 Caprolactam
 Concen: 57.18 ng
 RT: 8.475 min Scan# 1084
 Delta R.T. 0.018 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

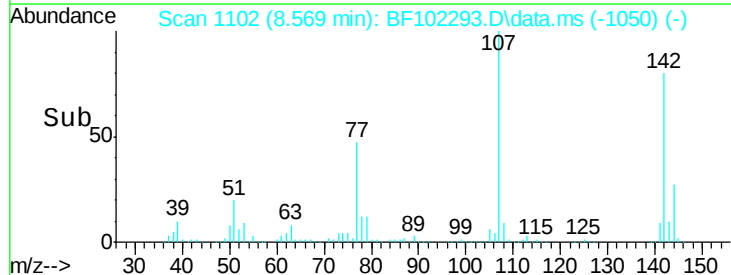
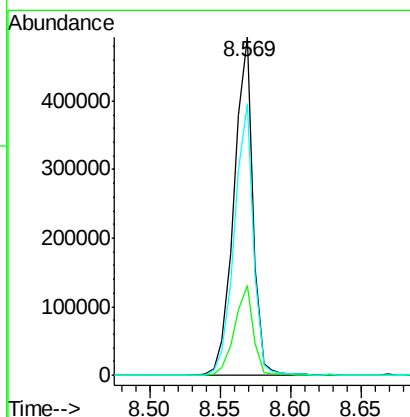
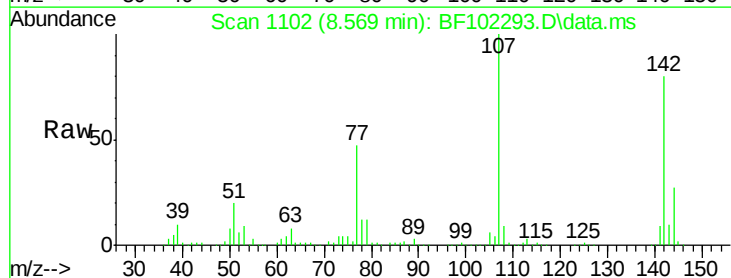
Instrument :
 BNA_F
 ClientSampled :

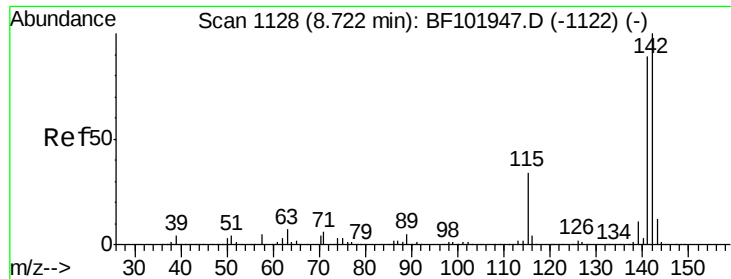
Tot Ion:113 Resp: 148475
 Ion Ratio Lower Upper
 113 100
 55 185.6 163.3 203.3
 56 135.9 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 55.69 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. 0.006 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

Tgt Ion:107 Resp: 461059
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.5 30.7
 142 80.5 62.0 93.0

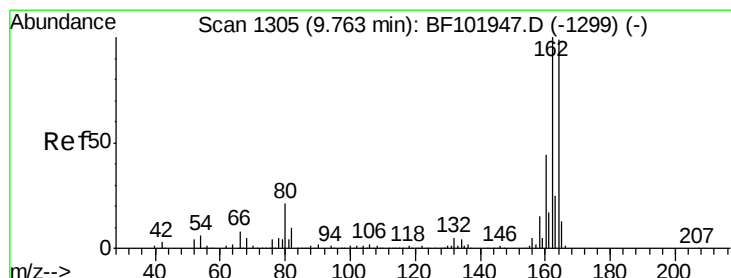
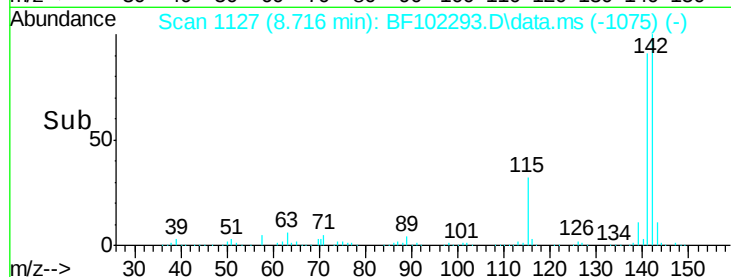
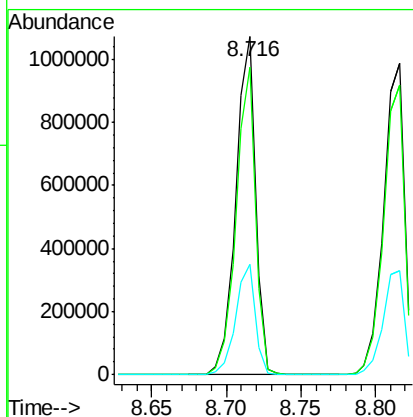
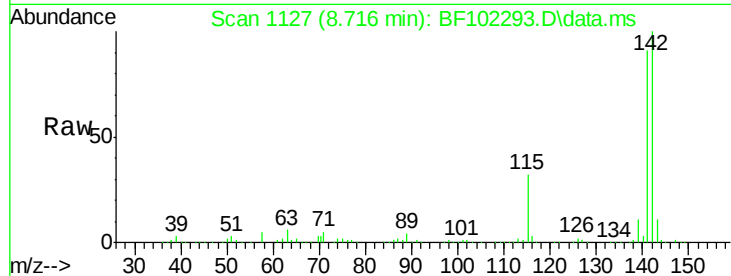




#37
2-Methylnaphthalene
Concen: 54.70 ng
RT: 8.716 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

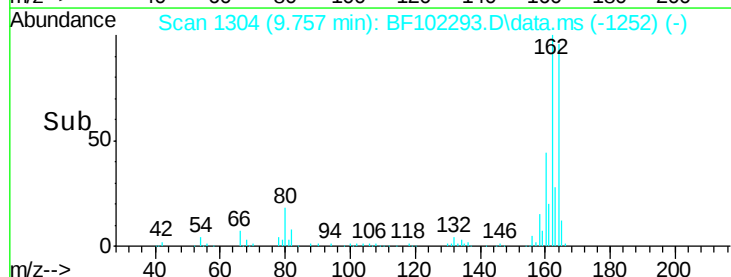
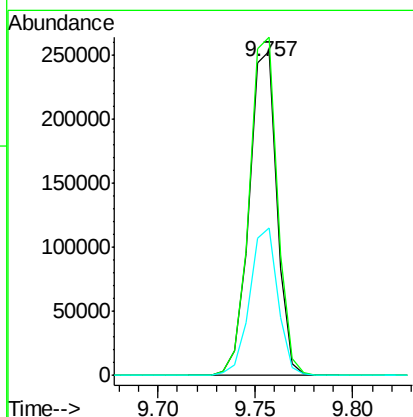
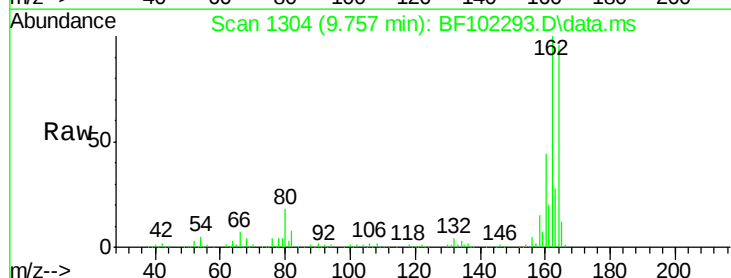
Instrument :
BNA_F
ClientSampleId :

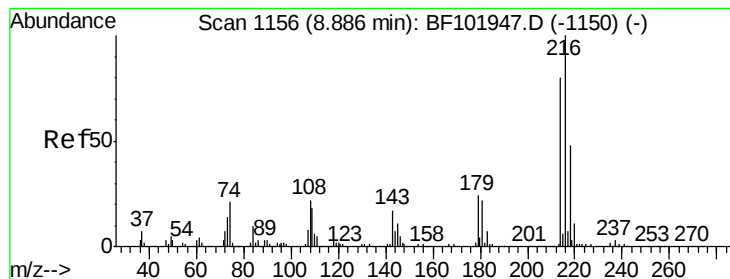
Tot Ion:142 Resp: 1002717
Ion Ratio Lower Upper
142 100
141 90.8 70.8 106.2
115 32.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

Tgt Ion:164 Resp: 249244
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 45.6 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 59.31 ng

RT: 8.881 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 418202

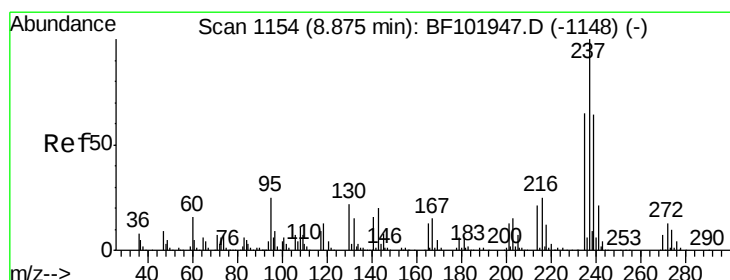
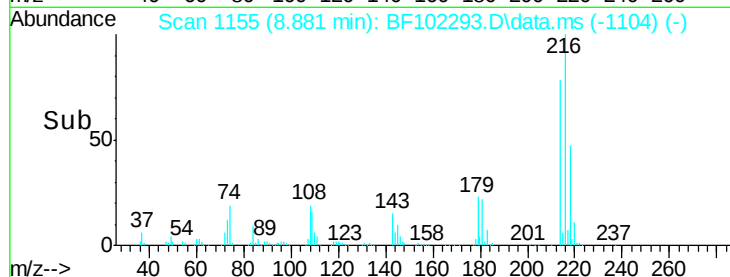
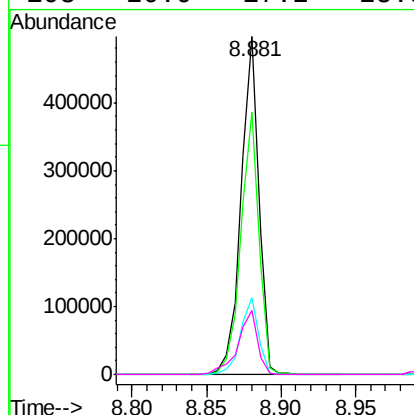
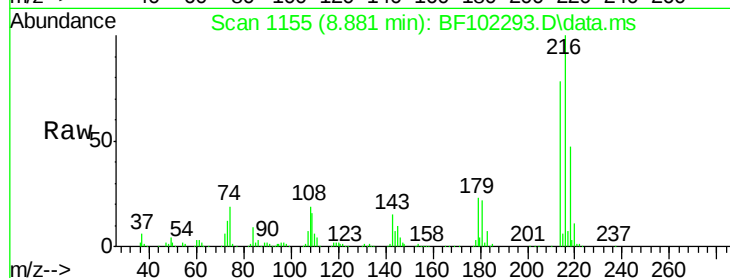
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 22.8 18.1 27.1

108 20.9 17.2 25.8



#40

Hexachlorocyclopentadiene

Concen: 57.01 ng

RT: 8.863 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

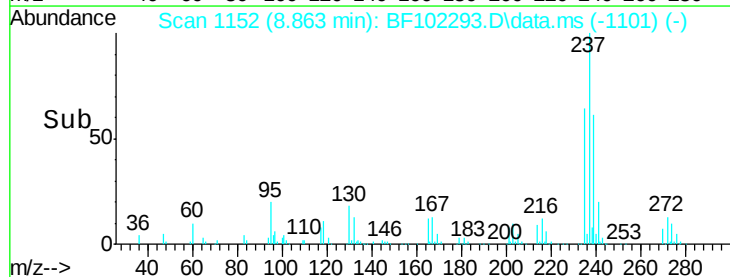
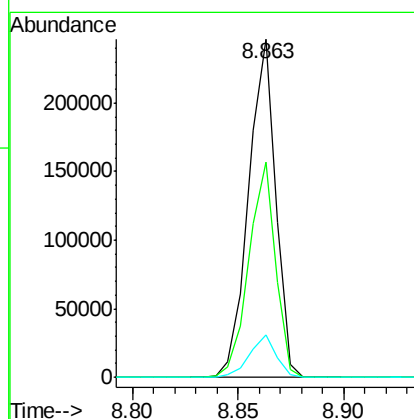
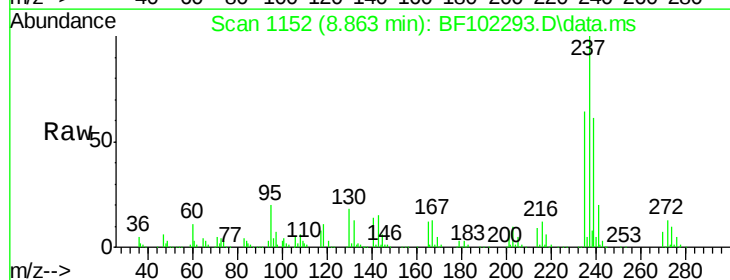
Tgt Ion:237 Resp: 219836

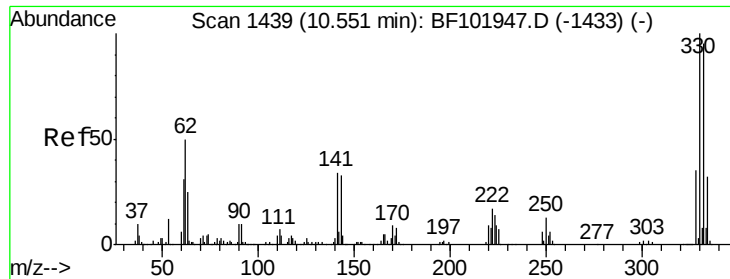
Ion Ratio Lower Upper

237 100

235 63.8 44.8 84.8

272 12.6 0.0 33.3

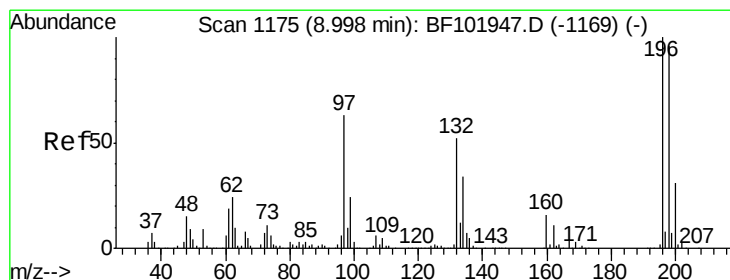
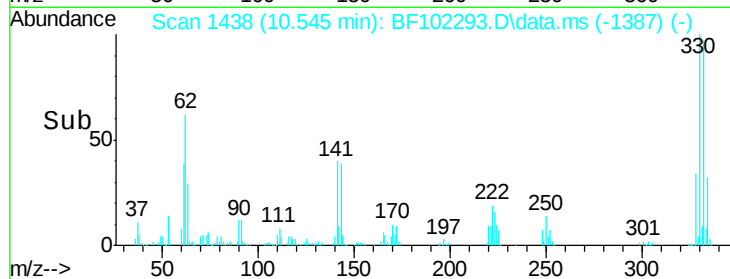
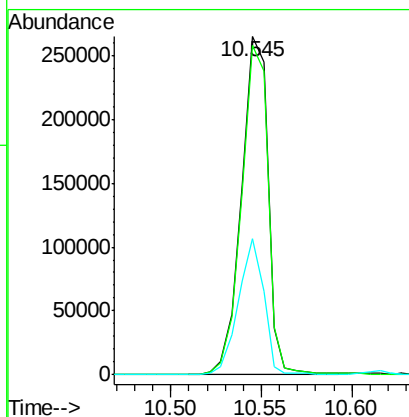
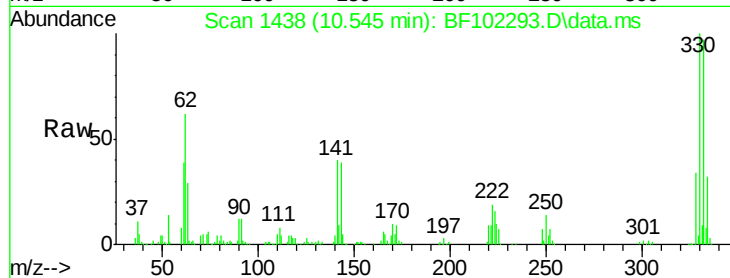




#41
 2,4,6-Tribromophenol
 Concen: 124.80 ng
 RT: 10.545 min Scan# 1439
 Delta R.T. 0.000 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

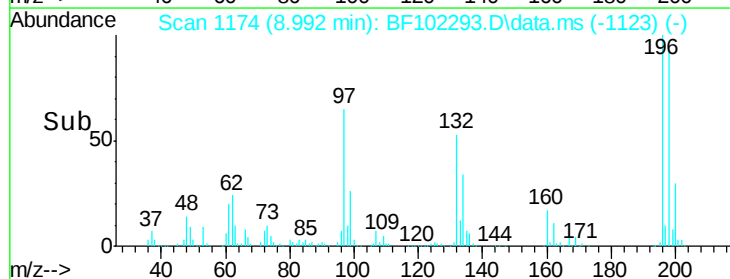
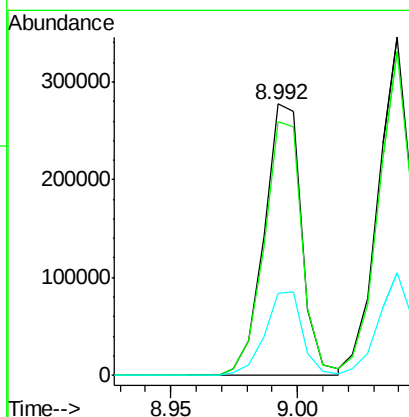
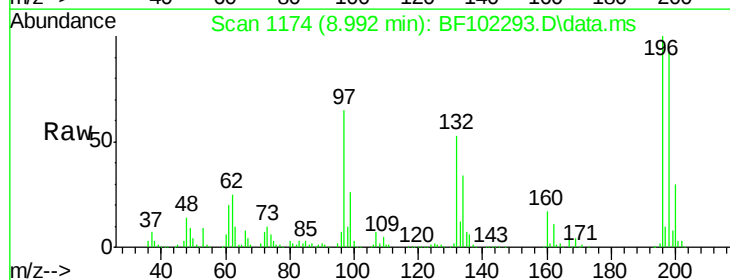
Instrument :
 BNA_F
 ClientSampleId :

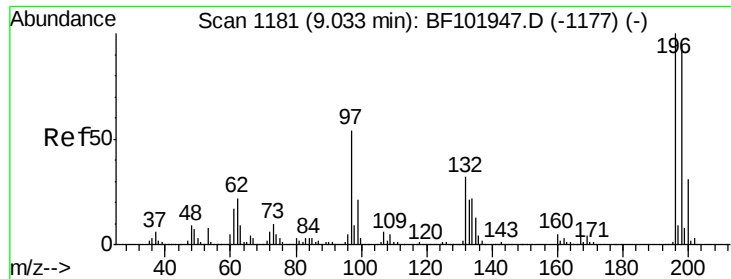
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	38.4	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 59.35 ng
 RT: 8.992 min Scan# 1174
 Delta R.T. 0.000 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.4	75.7	113.5
200	30.1	24.5	36.7

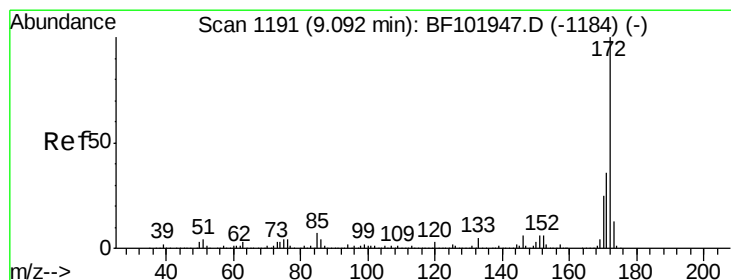
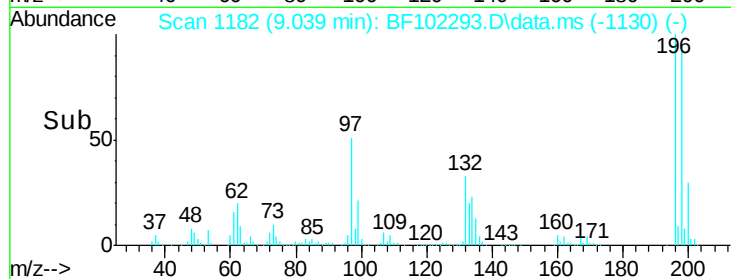
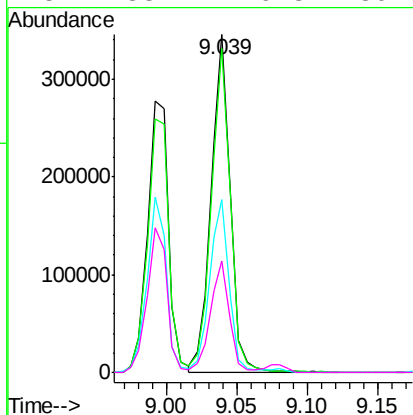
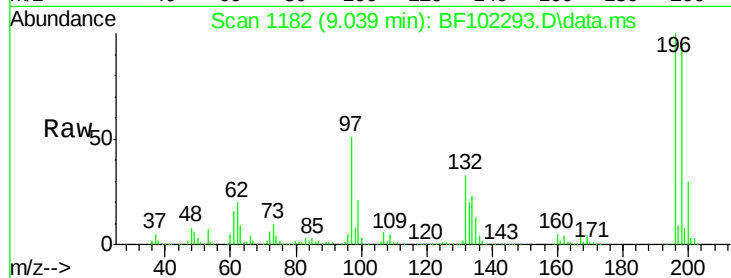




#43
2,4,5-Trichlorophenol
Concen: 58.72 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

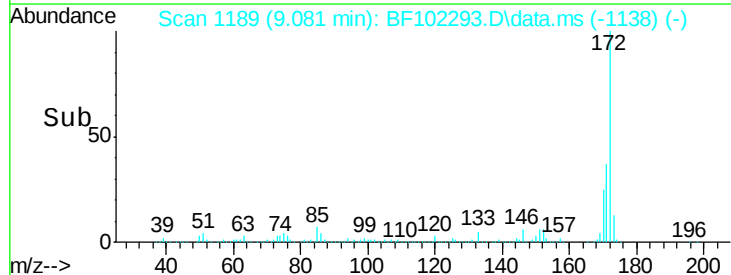
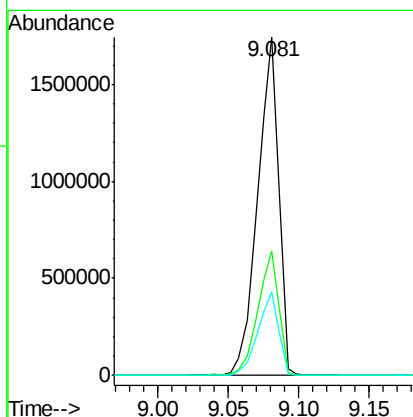
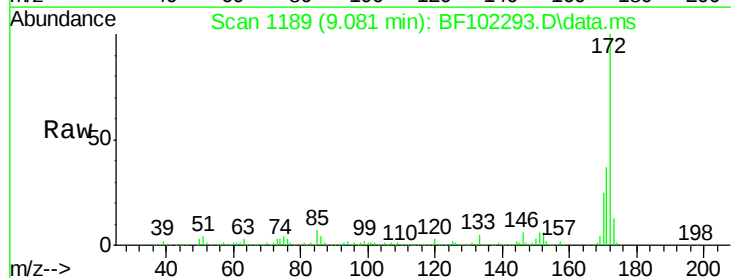
Instrument :
BNA_F
ClientSampleId :

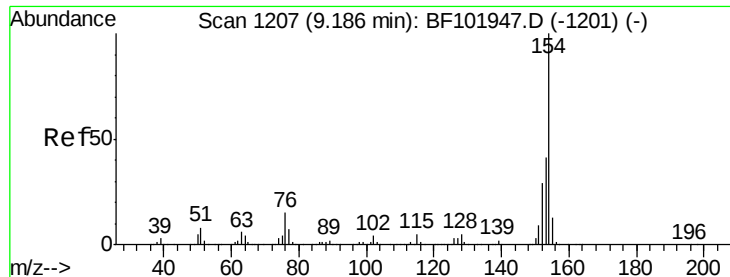
Tot Ion:196 Resp: 322474
Ion Ratio Lower Upper
196 100
198 96.0 74.6 112.0
97 51.1 42.9 64.3
132 33.1 26.3 39.5



#44
2-Fluorobiphenyl
Concen: 115.47 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

Tgt Ion:172 Resp: 1842185
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.6 19.6 29.4

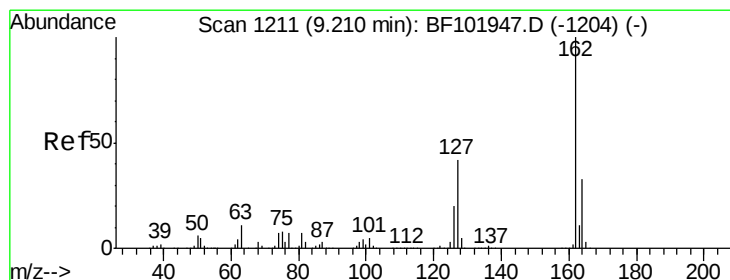
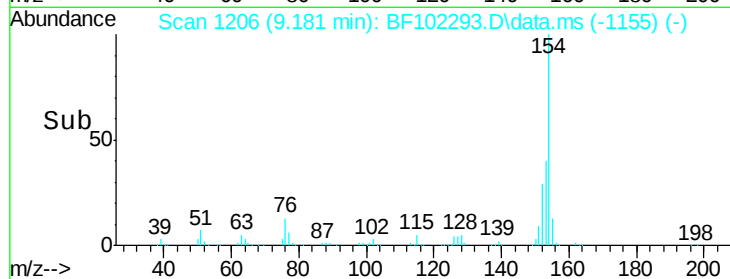
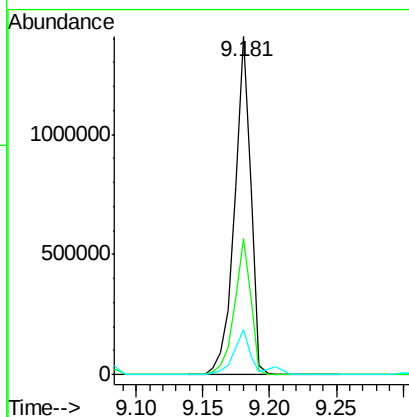
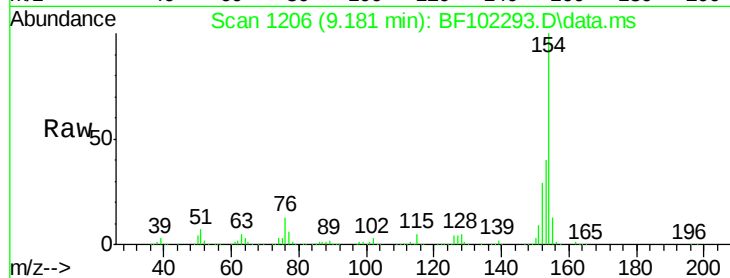




#45
 1,1'-Biphenyl
 Concen: 54.69 ng
 RT: 9.181 min Scan# 1207
 Delta R.T. 0.000 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

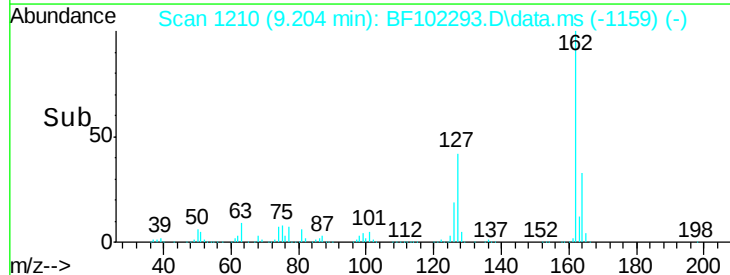
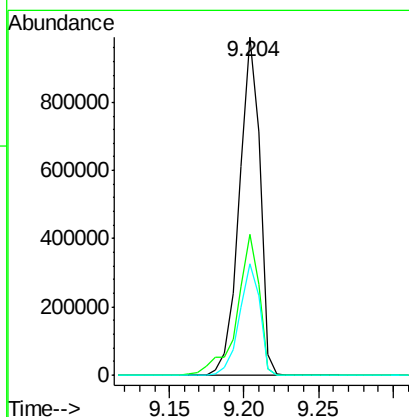
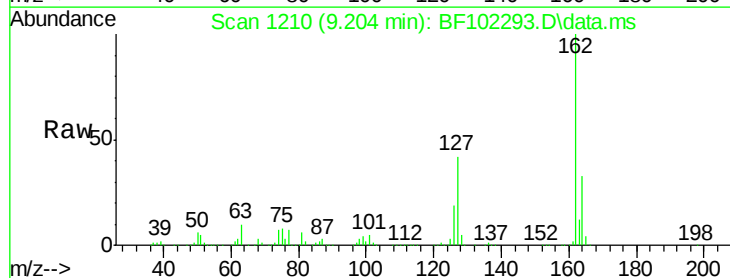
Instrument :
 BNA_F
 ClientSampleId :

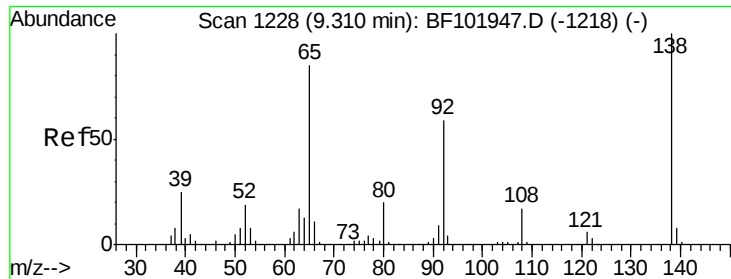
Tot Ion:154 Resp: 1204843
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.3 61.3
 76 13.3 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 56.03 ng
 RT: 9.204 min Scan# 1210
 Delta R.T. 0.000 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

Tgt Ion:162 Resp: 957242
 Ion Ratio Lower Upper
 162 100
 127 41.8 33.9 50.9
 164 32.9 26.5 39.7

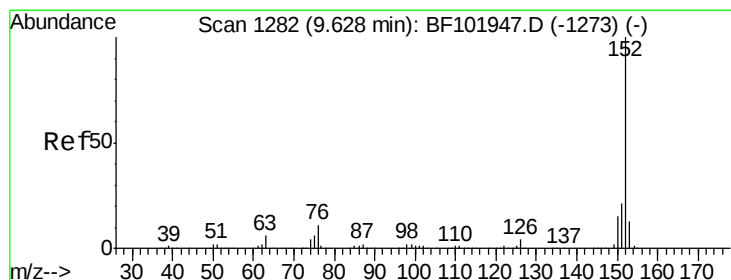
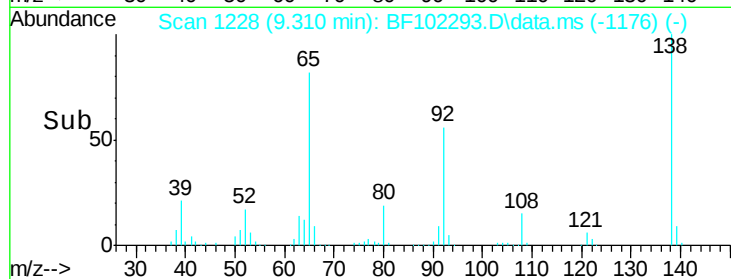
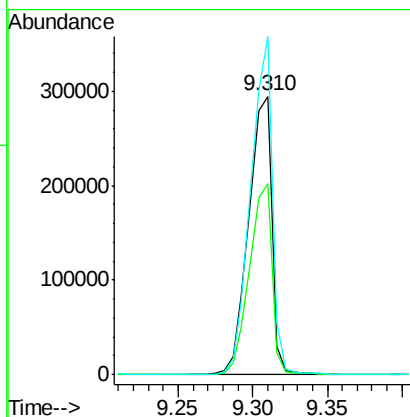
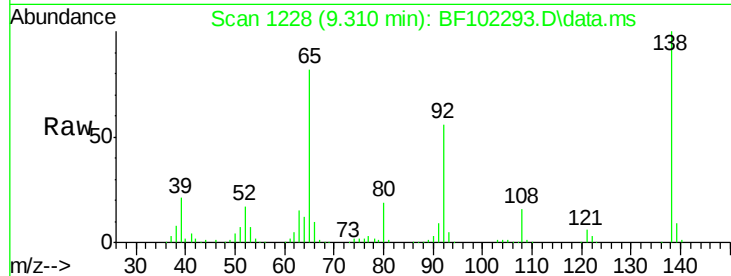




#47
 2-Nitroaniline
 Concen: 61.98 ng
 RT: 9.310 min Scan# 1228
 Delta R.T. 0.006 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

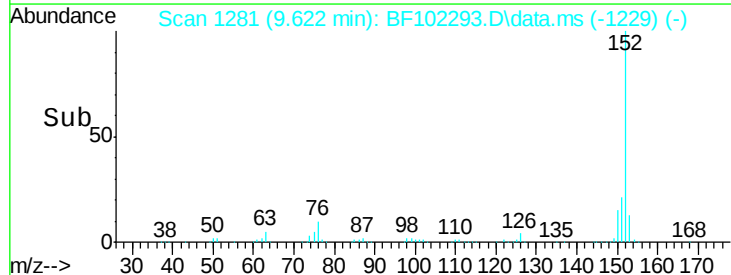
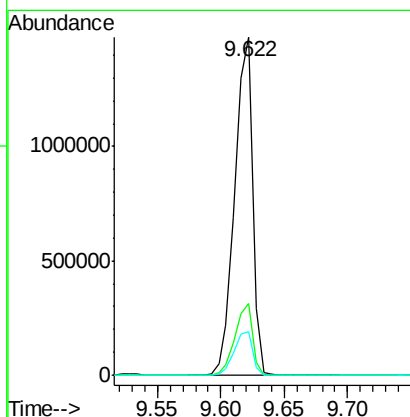
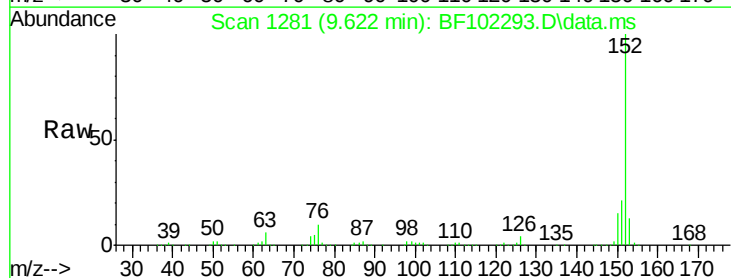
Instrument :
 BNA_F
 ClientSampleId :

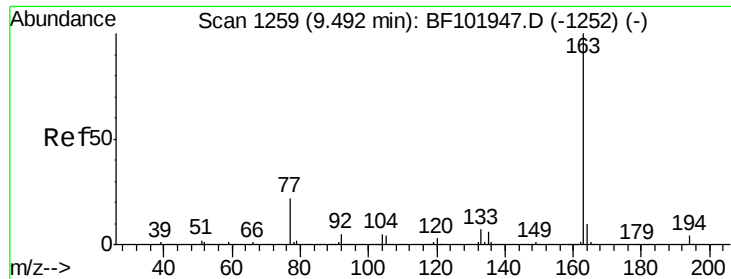
Tot Ion: 65 Resp: 317168
 Ion Ratio Lower Upper
 65 100
 92 68.6 55.8 83.6
 138 121.6 91.2 136.8



#48
 Acenaphthylene
 Concen: 52.82 ng
 RT: 9.622 min Scan# 1281
 Delta R.T. 0.006 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

Tgt Ion: 152 Resp: 1432045
 Ion Ratio Lower Upper
 152 100
 151 21.2 16.3 24.5
 153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 58.55 ng

RT: 9.486 min Scan# 1258

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

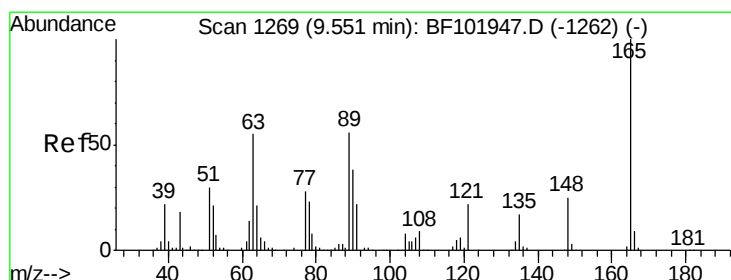
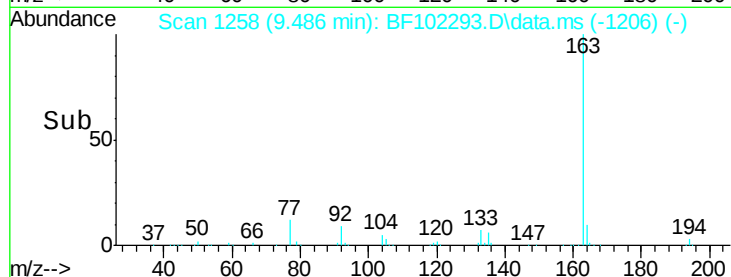
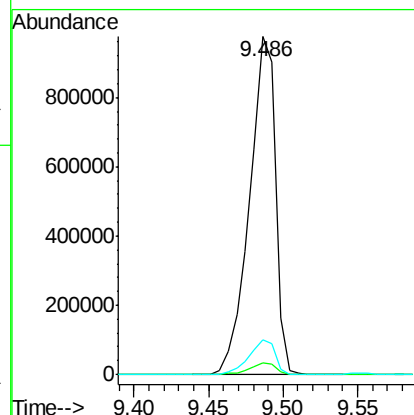
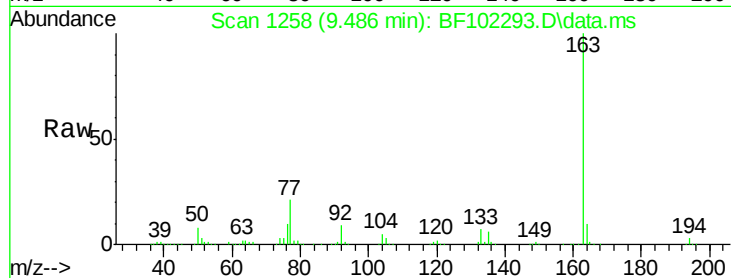
Tot Ion:163 Resp: 1170774

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

164 10.2 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 63.47 ng

RT: 9.551 min Scan# 1269

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

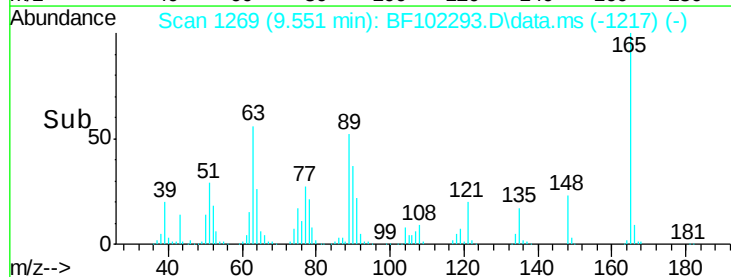
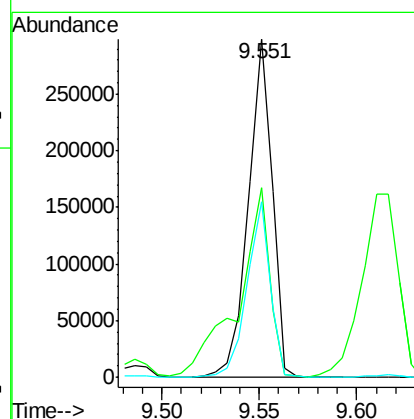
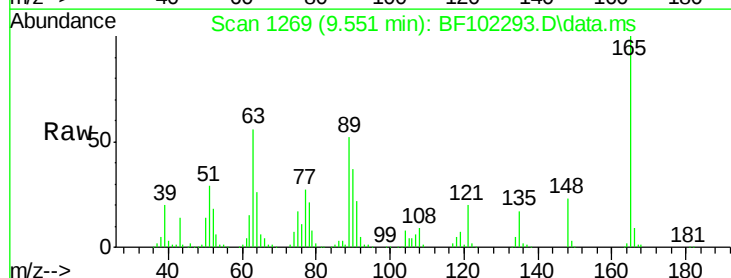
Tgt Ion:165 Resp: 253512

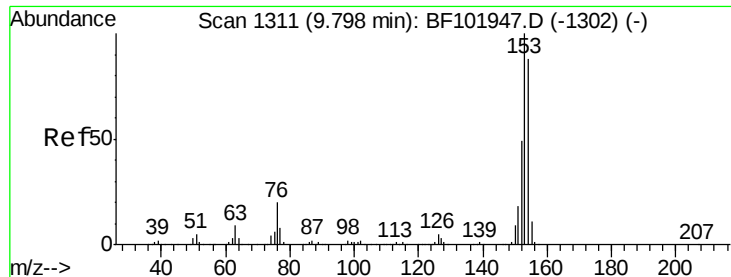
Ion Ratio Lower Upper

165 100

63 56.2 44.7 67.1

89 52.1 44.0 66.0





#51

Acenaphthene

Concen: 51.71 ng

RT: 9.792 min Scan# 1311

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

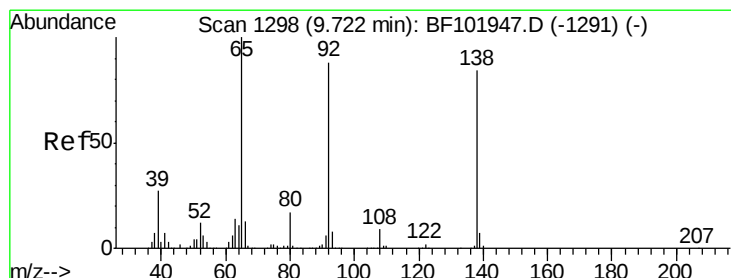
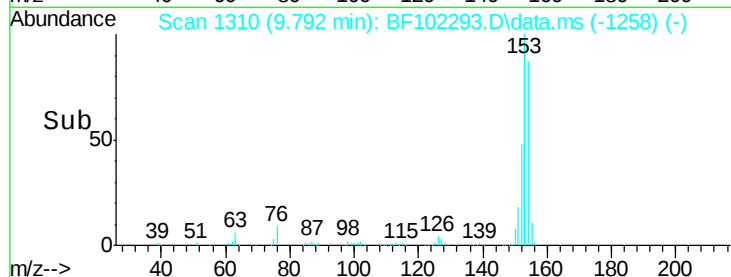
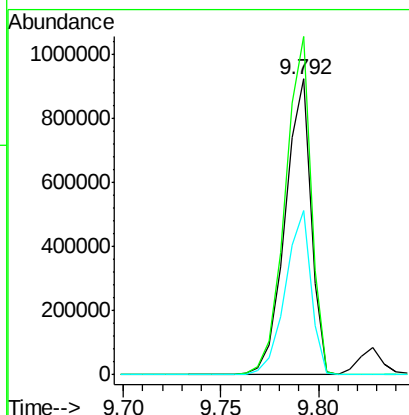
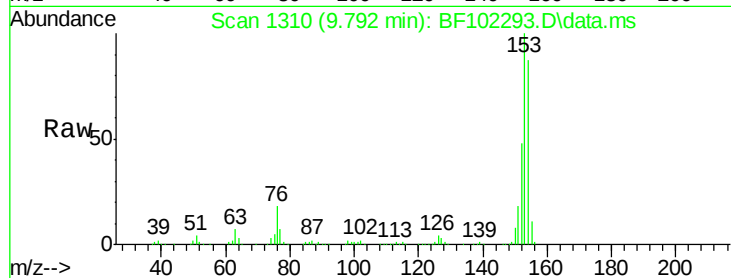
Tot Ion:154 Resp: 850937

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

152 55.3 43.8 65.8



#52

3-Nitroaniline

Concen: 59.38 ng

RT: 9.722 min Scan# 1298

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

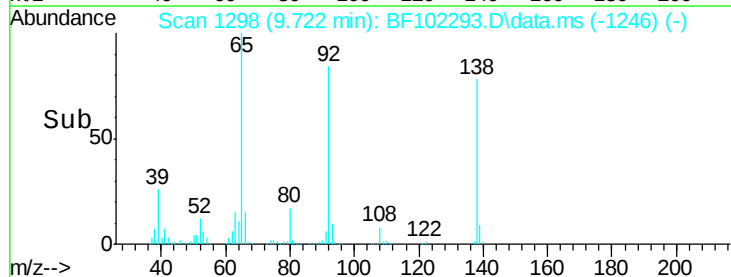
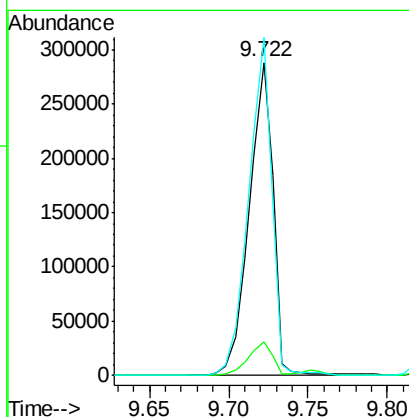
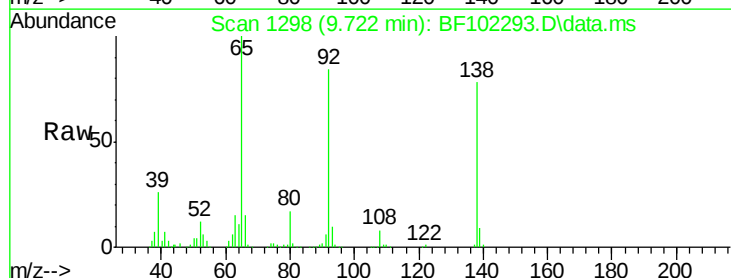
Tgt Ion:138 Resp: 299332

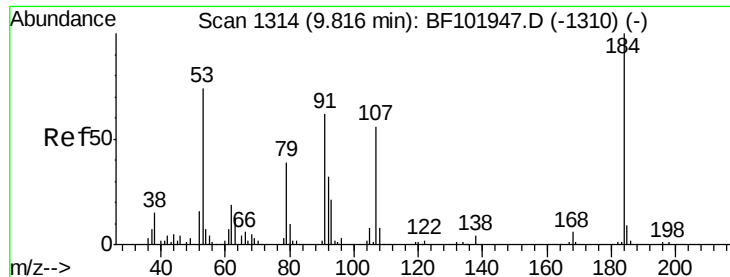
Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

92 108.1 89.4 134.2





#53

2,4-Dinitrophenol

Concen: 96.44 ng

RT: 9.828 min Scan# 1314

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

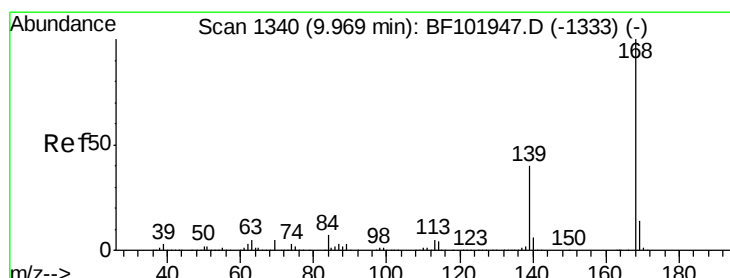
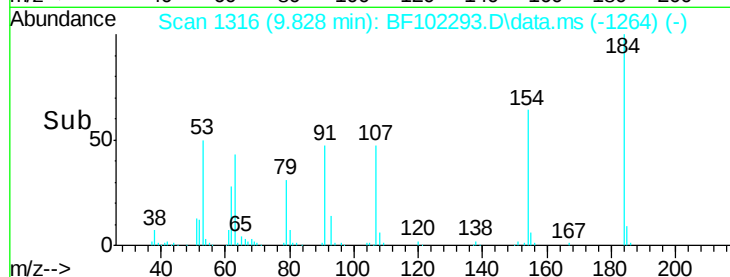
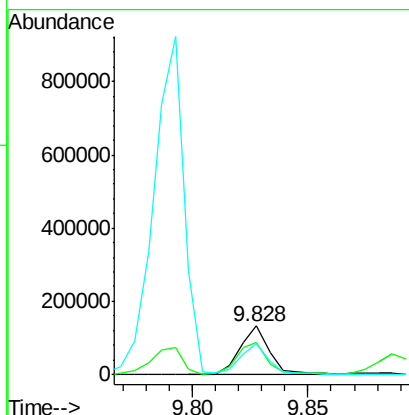
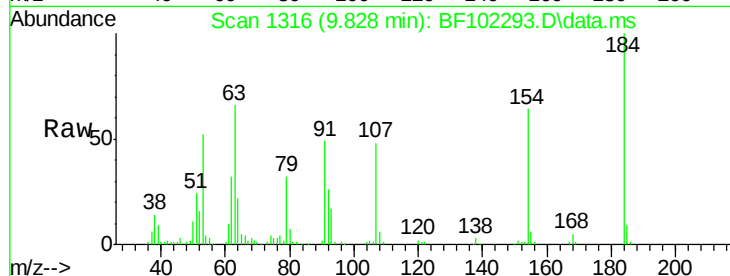
Tot Ion:184 Resp: 117360

Ion Ratio Lower Upper

184 100

63 66.0 54.2 81.2

154 64.0 184.0 276.0#



#54

Dibenzofuran

Concen: 52.21 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

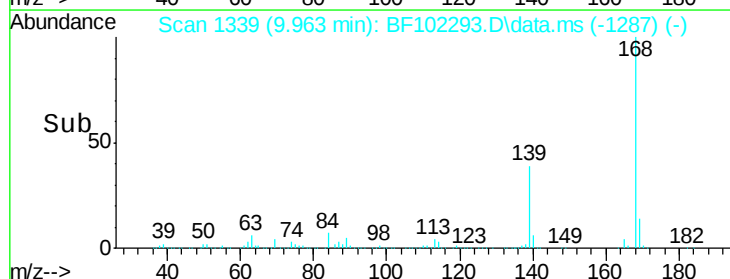
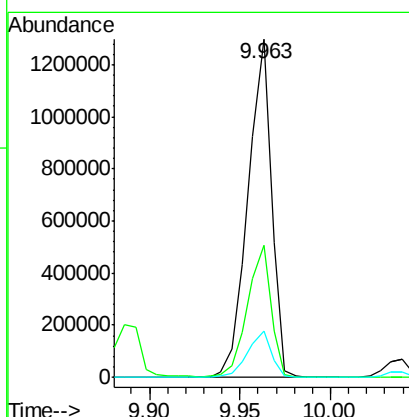
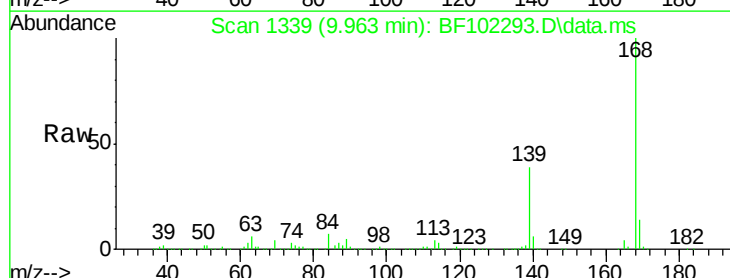
Tgt Ion:168 Resp: 1179029

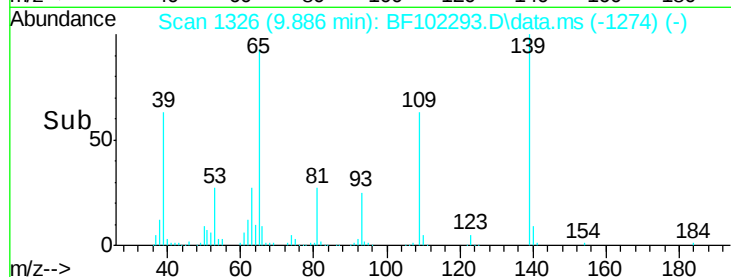
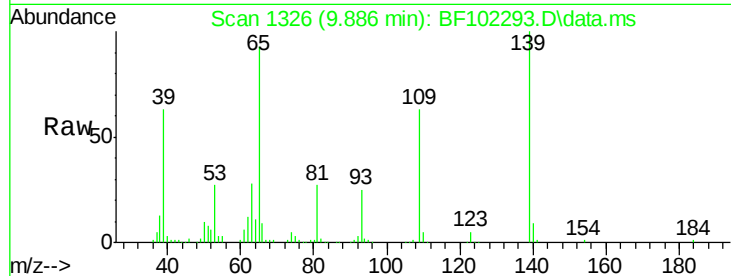
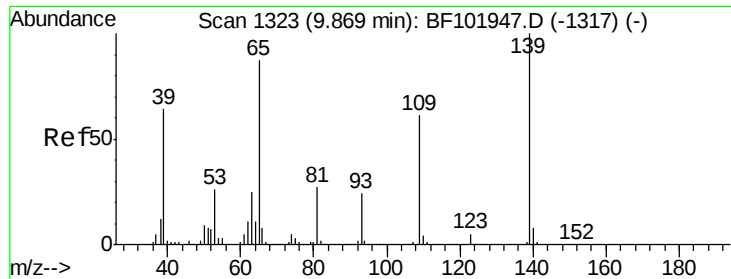
Ion Ratio Lower Upper

168 100

139 39.0 30.1 45.1

169 13.5 10.9 16.3





#55

4-Nitrophenol

Concen: 57.06 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

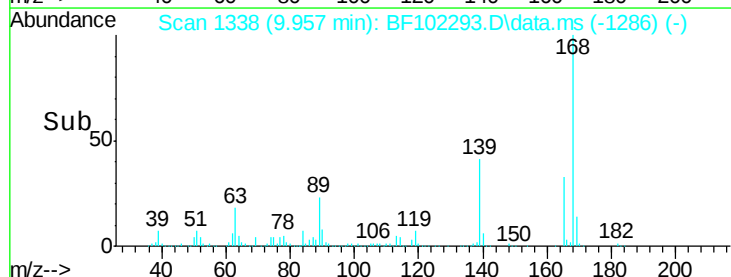
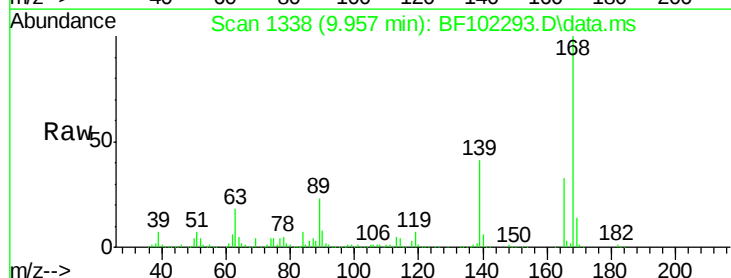
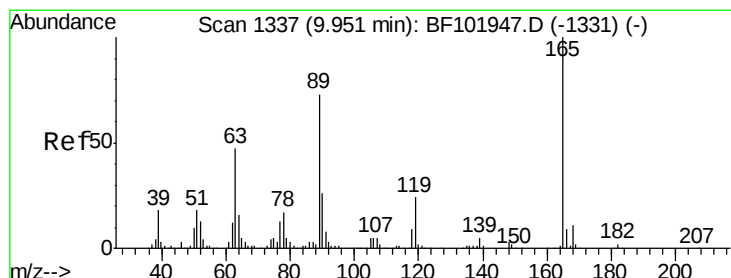
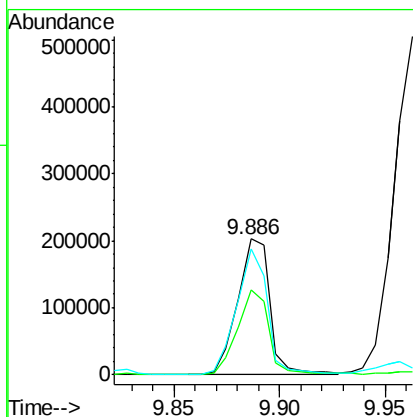
Tot Ion:139 Resp: 214327

Ion Ratio Lower Upper

139 100

109 62.6 48.4 88.4

65 92.8 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 59.92 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Tgt Ion:165 Resp: 299938

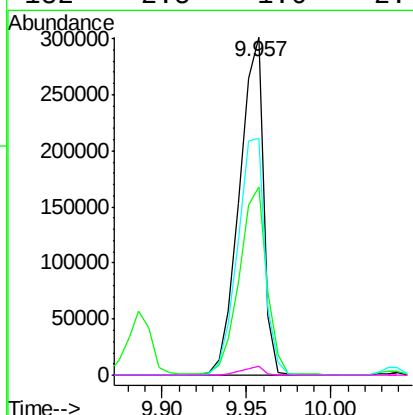
Ion Ratio Lower Upper

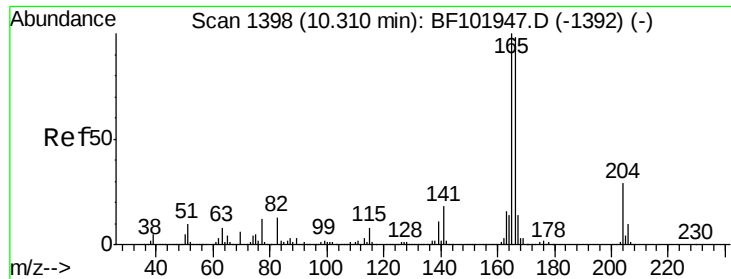
165 100

63 55.8 36.4 54.6#

89 70.1 57.8 86.6

182 2.5 1.6 2.4#





#57

Fluorene

Concen: 59.88 ng

RT: 10.304 min Scan# 1397

Delta R.T. 0.000 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

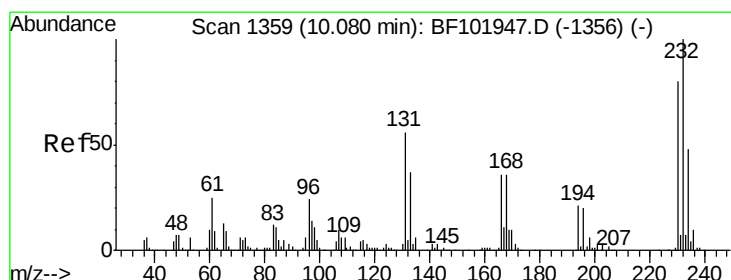
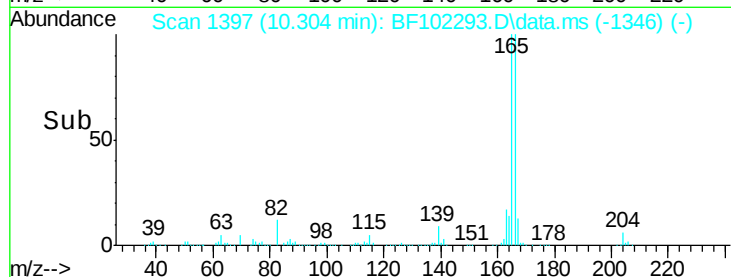
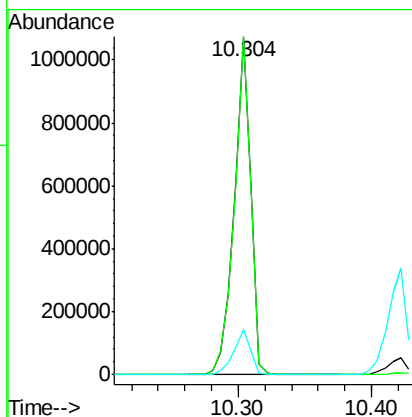
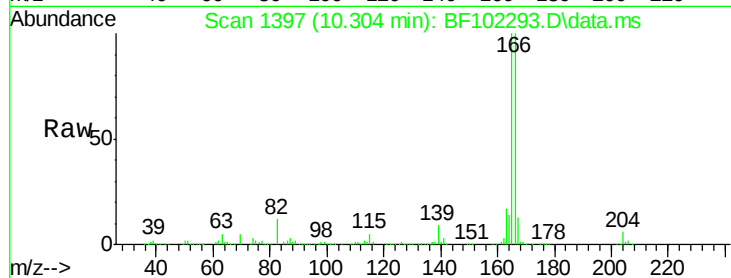
Tot Ion:166 Resp: 934793

Ion Ratio Lower Upper

166 100

165 100.3 79.8 119.8

167 13.5 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 59.26 ng

RT: 10.081 min Scan# 1359

Delta R.T. 0.000 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Tgt Ion:232 Resp: 231688

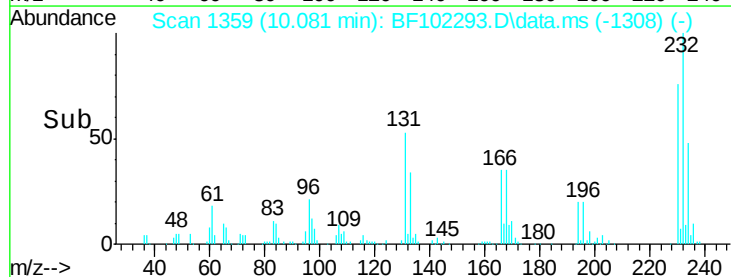
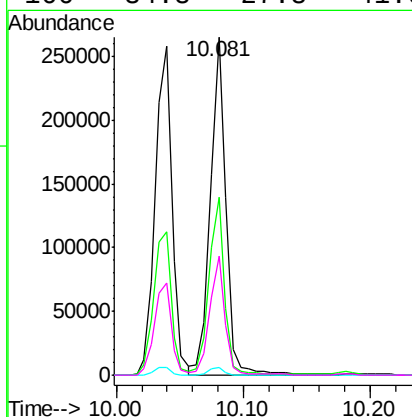
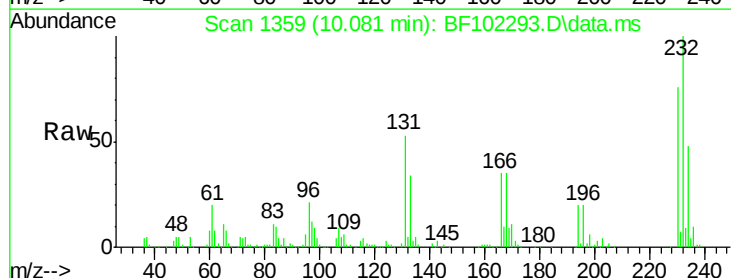
Ion Ratio Lower Upper

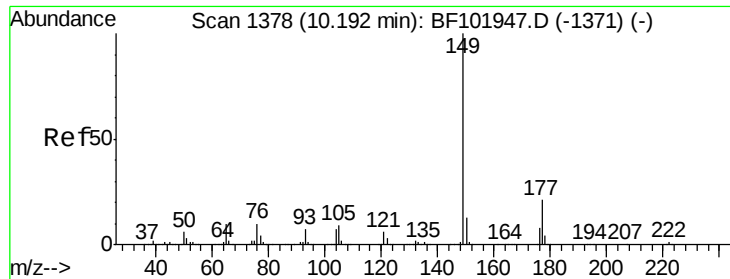
232 100

131 51.7 43.8 65.8

130 2.4 2.1 3.1

166 34.8 27.8 41.6





#59

Diethylphthalate

Concen: 55.62 ng

RT: 10.181 min Scan# 1376

Delta R.T. 0.000 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

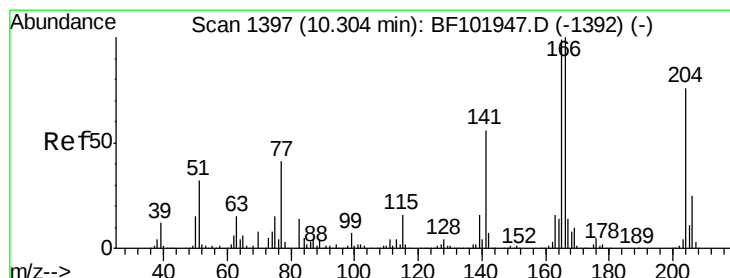
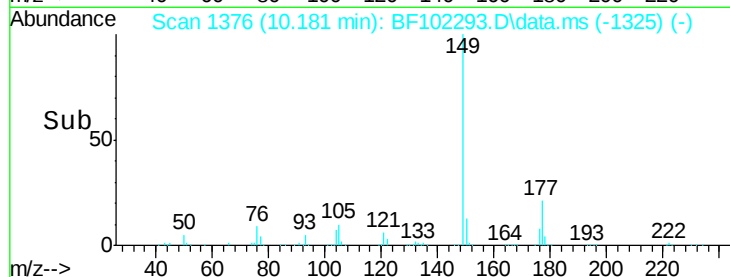
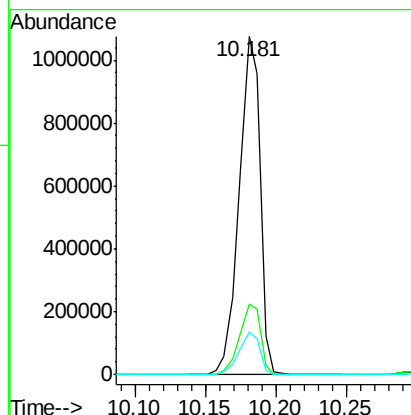
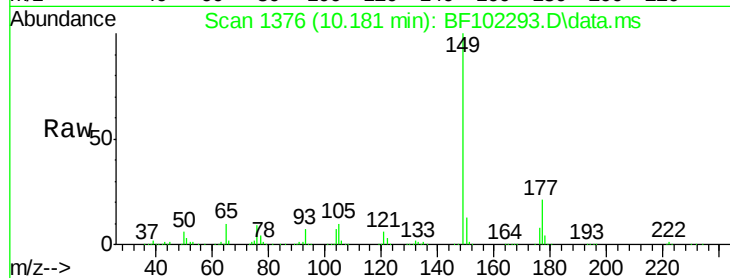
Tot Ion:149 Resp: 1106281

Ion Ratio Lower Upper

149 100

177 20.8 16.1 24.1

150 12.5 10.1 15.1



#60

4-Chlorophenyl-phenylether

Concen: 61.13 ng

RT: 10.298 min Scan# 1396

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

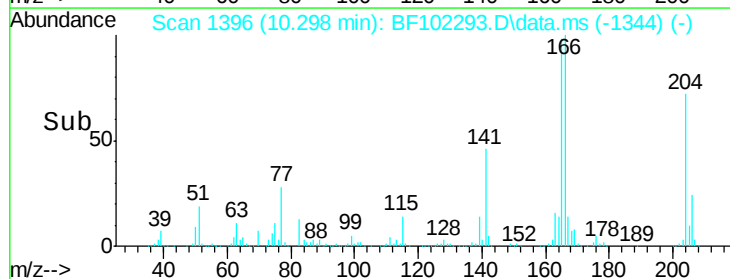
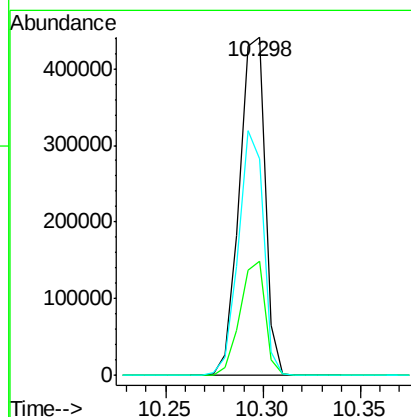
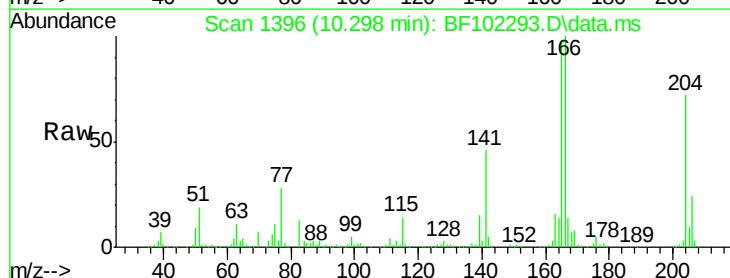
Tgt Ion:204 Resp: 406425

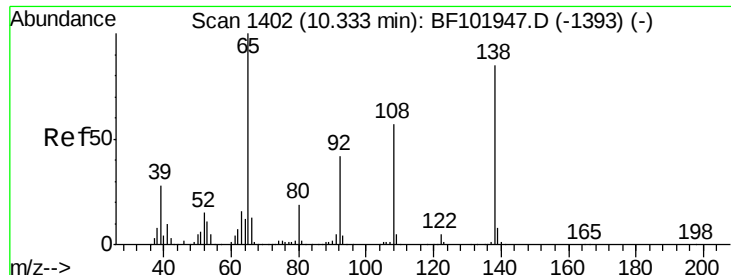
Ion Ratio Lower Upper

204 100

206 33.7 26.5 39.7

141 63.9 54.6 81.8





#61

4-Nitroaniline

Concen: 63.23 ng

RT: 10.339 min Scan# 1402

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

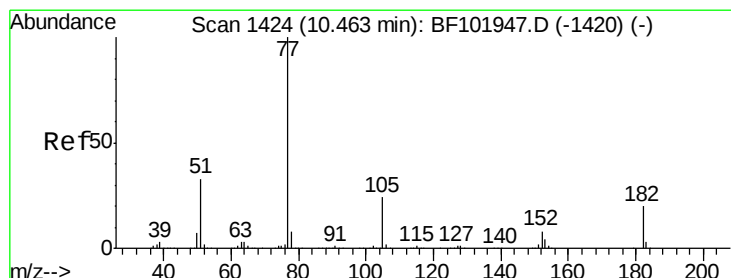
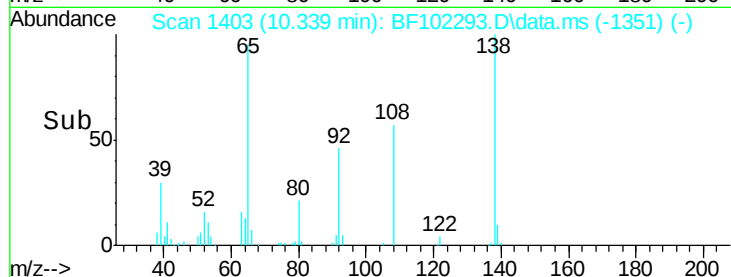
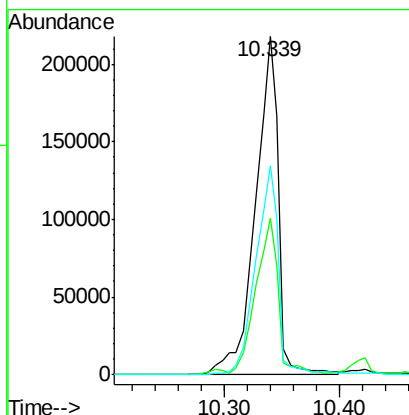
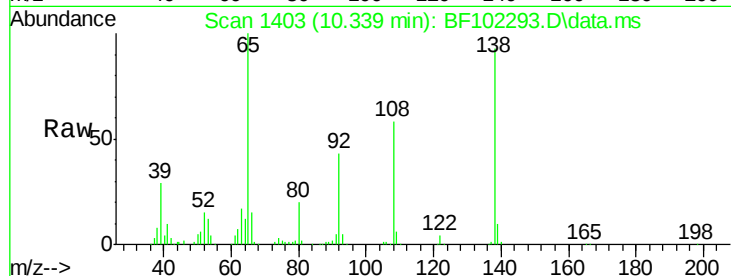
Tot Ion:138 Resp: 302477

Ion Ratio Lower Upper

138 100

92 46.1 30.2 70.2

108 61.9 52.5 92.5



#62

Azobenzene

Concen: 51.16 ng

RT: 10.457 min Scan# 1423

Delta R.T. 0.000 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Tgt Ion: 77 Resp: 1012432

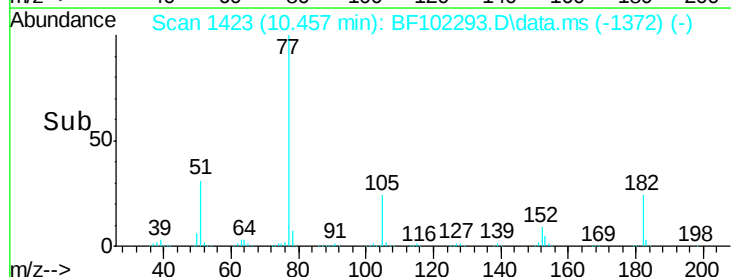
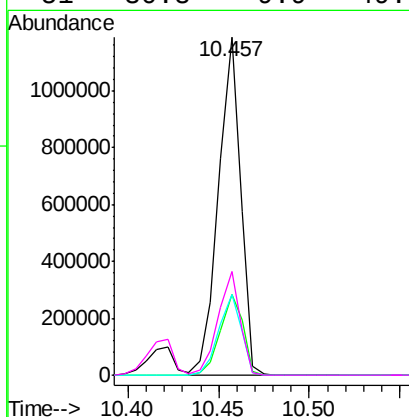
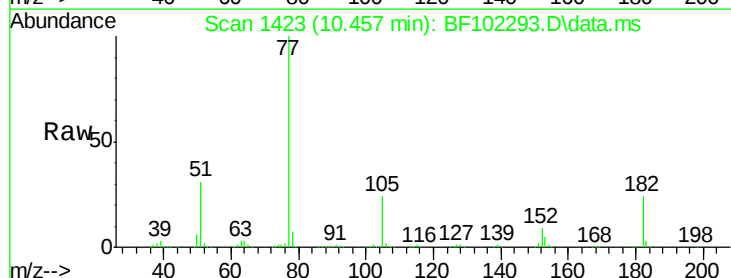
Ion Ratio Lower Upper

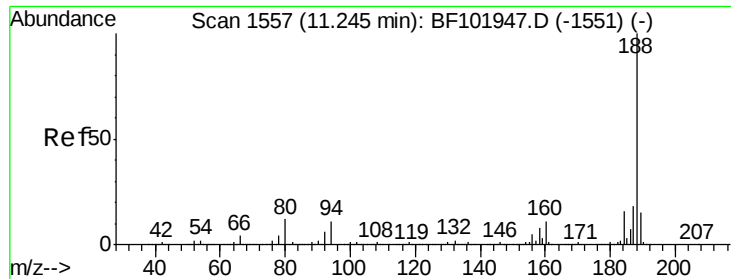
77 100

182 23.9 1.7 41.7

105 24.0 3.0 43.0

51 30.8 9.9 49.9

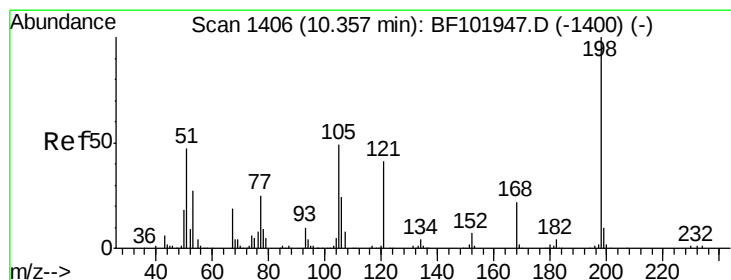
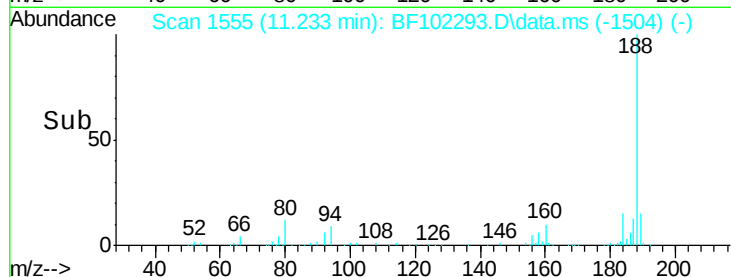
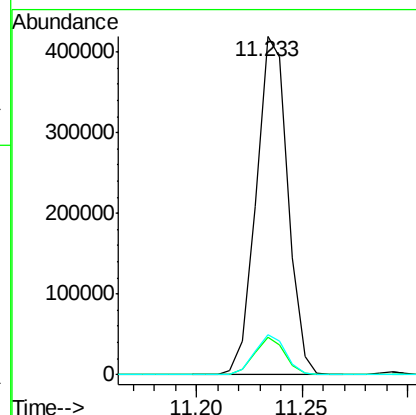
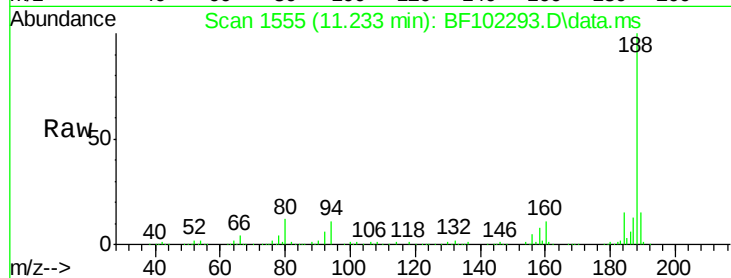




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.233 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

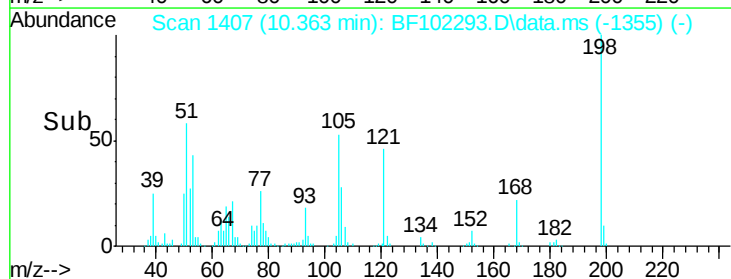
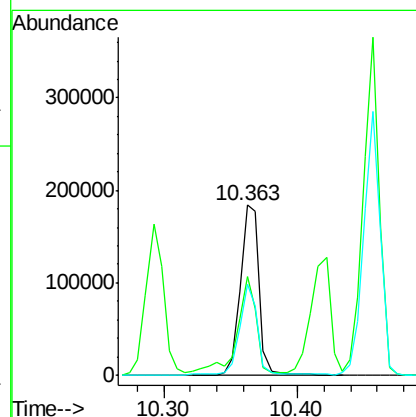
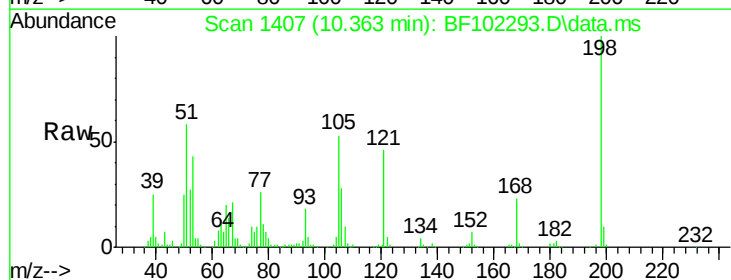
Instrument :
 BNA_F
 ClientSampleId :

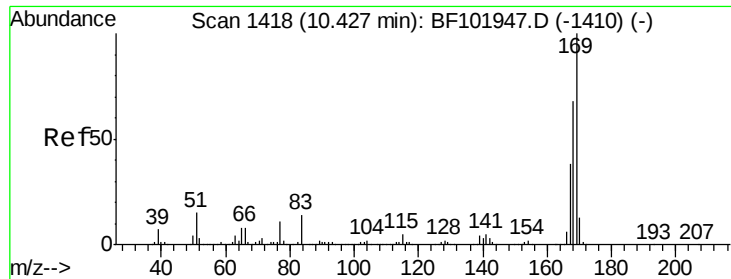
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.8	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 84.74 ng
 RT: 10.363 min Scan# 1407
 Delta R.T. 0.006 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
198	100		
51	58.5	37.7	77.7
105	53.4	36.3	76.3

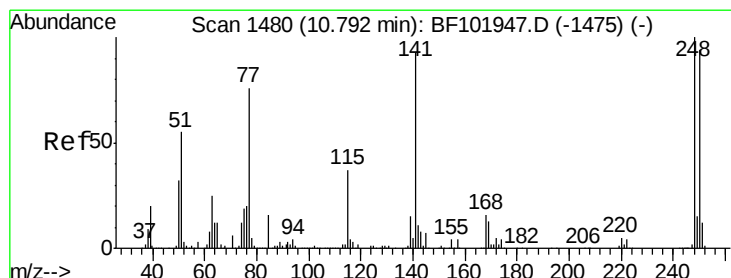
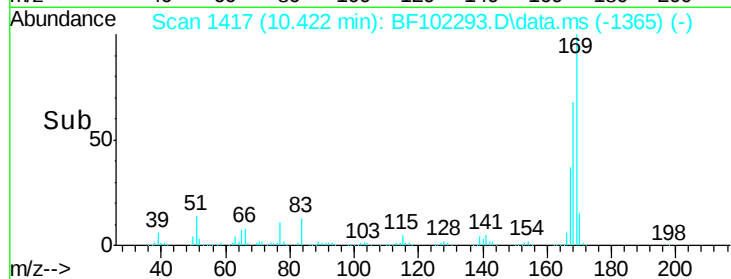
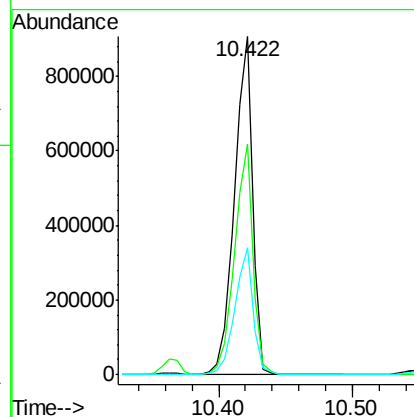
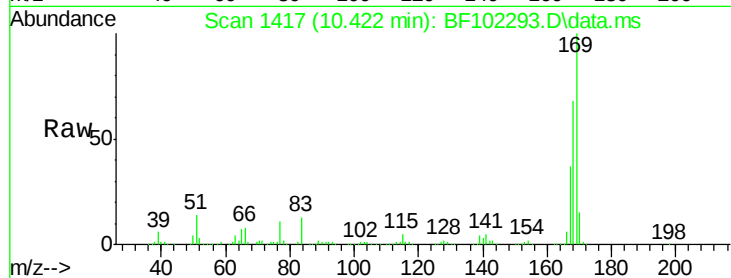




#65
 n-Nitrosodiphenylamine
 Concen: 53.49 ng
 RT: 10.422 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

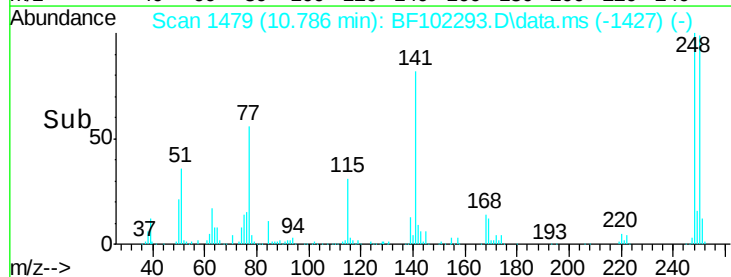
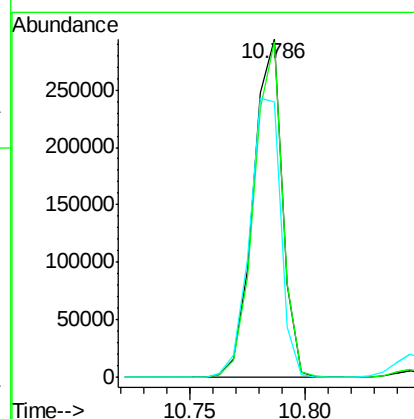
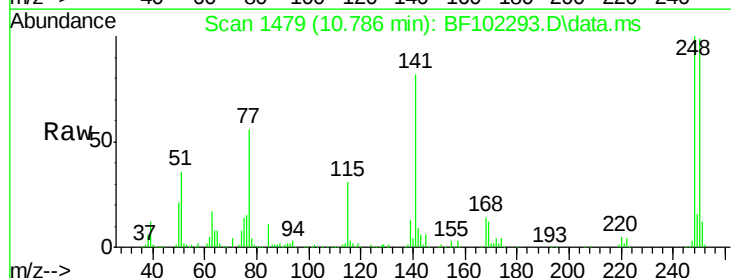
Instrument :
 BNA_F
 ClientSampleId :

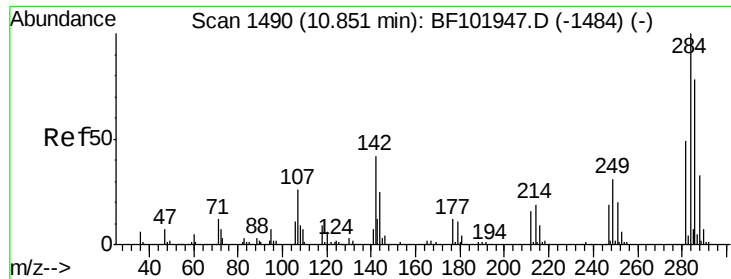
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.4	81.6
167	37.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 56.41 ng
 RT: 10.786 min Scan# 1479
 Delta R.T. 0.006 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.9	115.3
141	81.6	74.4	111.6

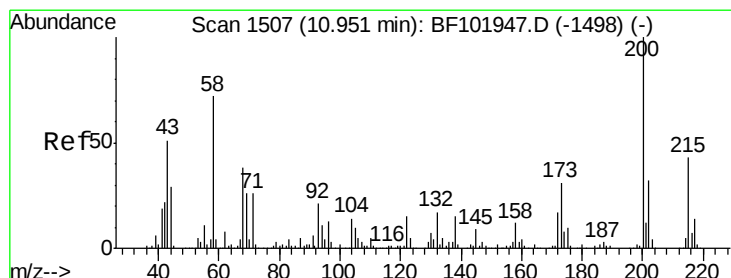
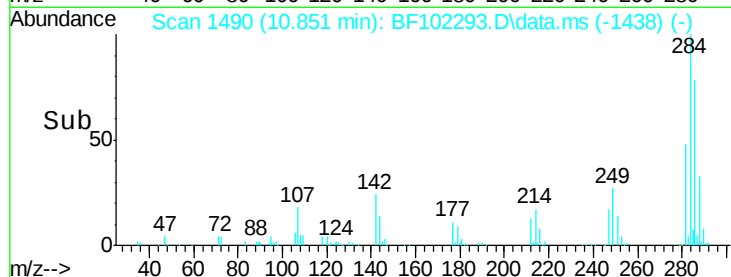
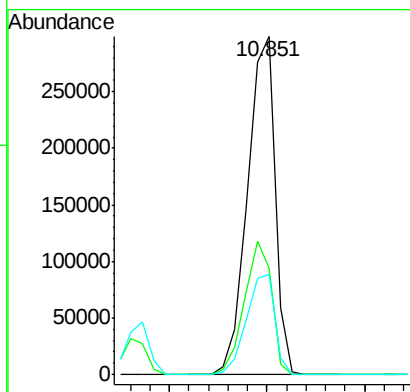
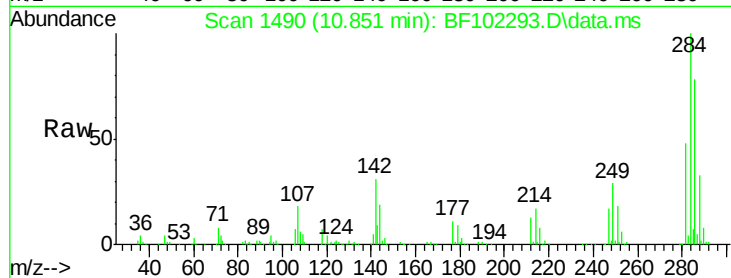




#67
Hexachlorobenzene
Concen: 58.27 ng
RT: 10.851 min Scan# 1490
Delta R.T. 0.006 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

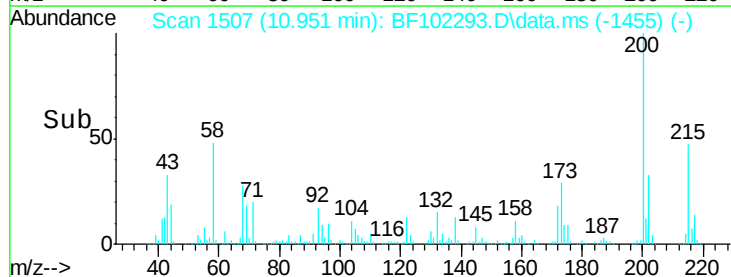
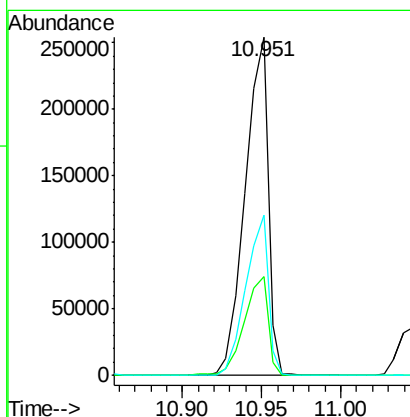
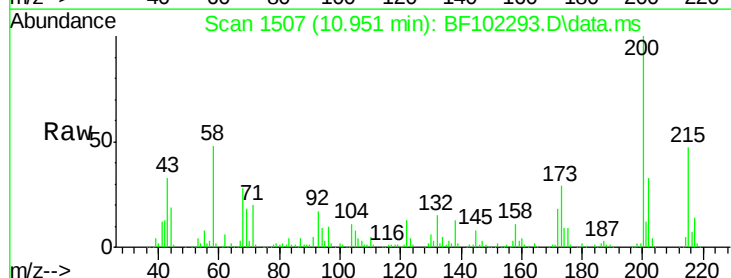
Instrument :
BNA_F
ClientSampleId :

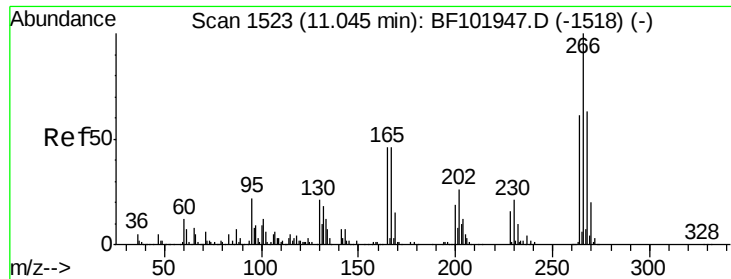
Tot Ion	Ratio	Lower	Upper
284	100		
142	31.5	34.6	52.0
249	29.5	24.8	37.2



#68
Atrazine
Concen: 53.89 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.006 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.1	8.6	48.6
215	47.2	25.1	65.1

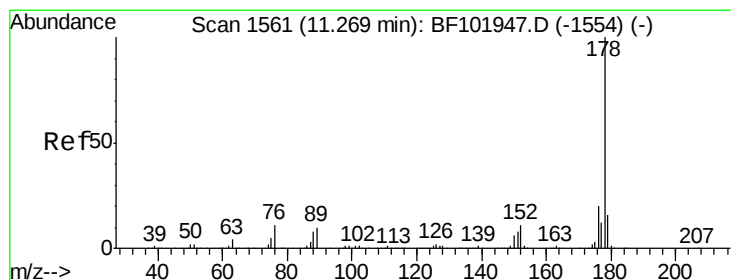
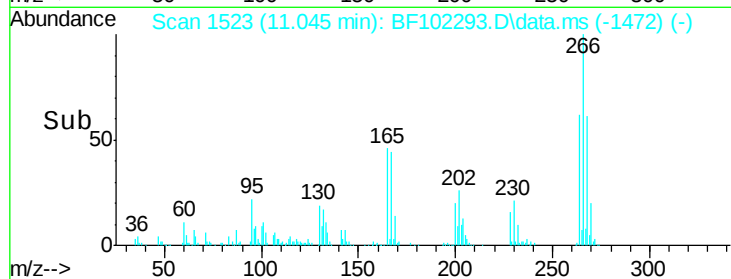
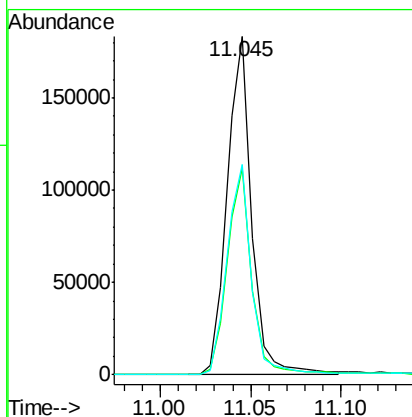
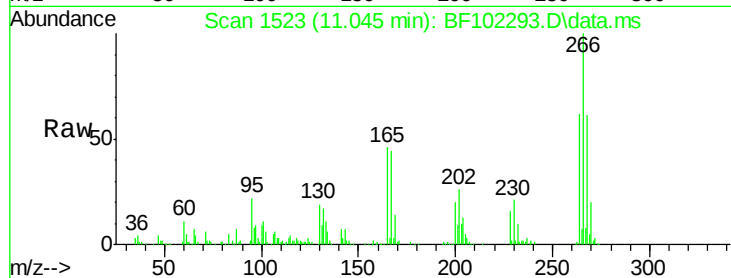




#69
 Pentachlorophenol
 Concen: 56.04 ng
 RT: 11.045 min Scan# 1518
 Delta R.T. 0.000 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

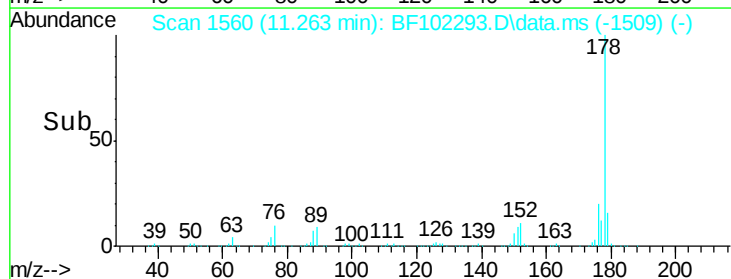
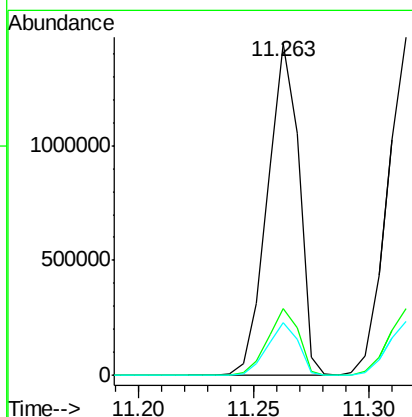
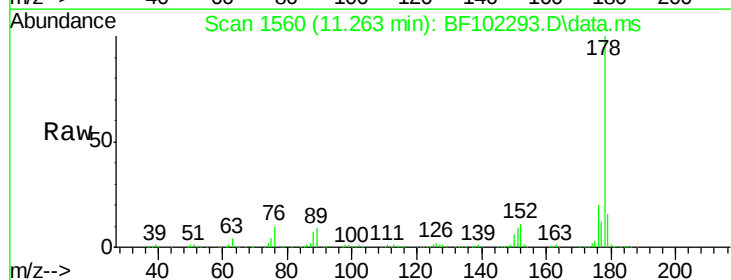
Instrument :
 BNA_F
 ClientSampleId :

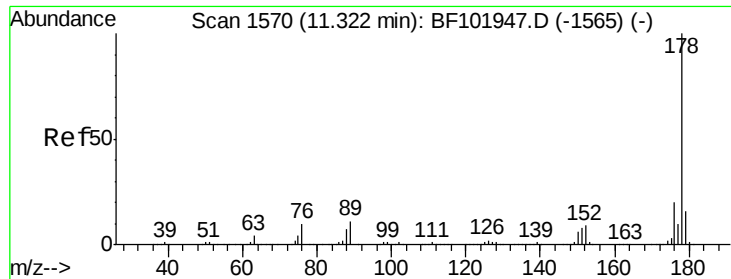
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.0	51.1	76.7
264	62.1	49.5	74.3



#70
 Phenanthrene
 Concen: 53.50 ng
 RT: 11.263 min Scan# 1560
 Delta R.T. 0.000 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	16.0	13.0	19.6

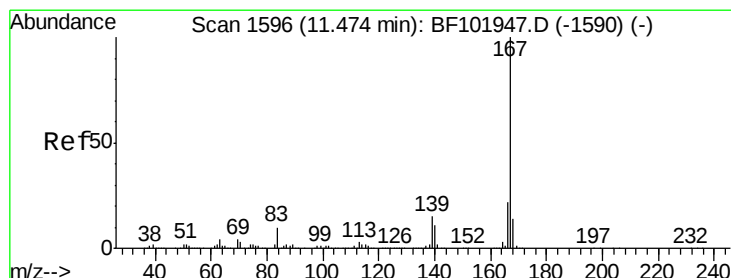
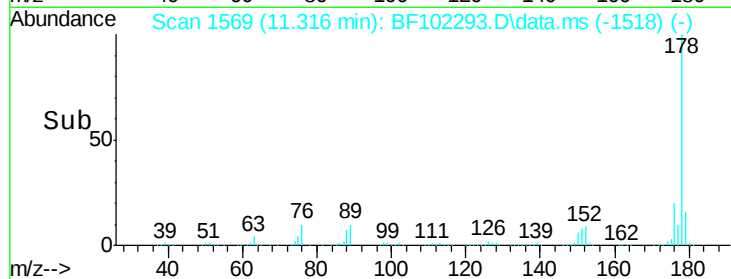
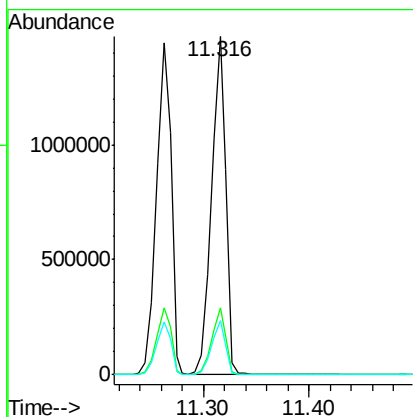
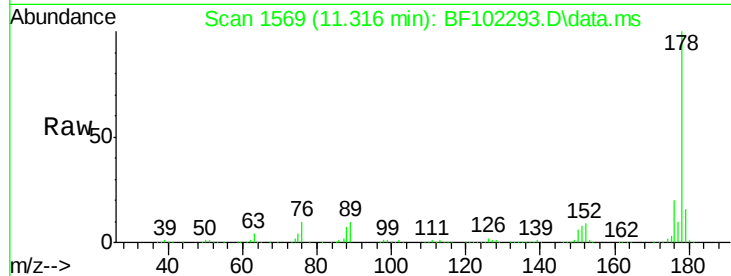




#71
 Anthracene
 Concen: 54.43 ng
 RT: 11.316 min Scan# 1570
 Delta R.T. 0.000 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

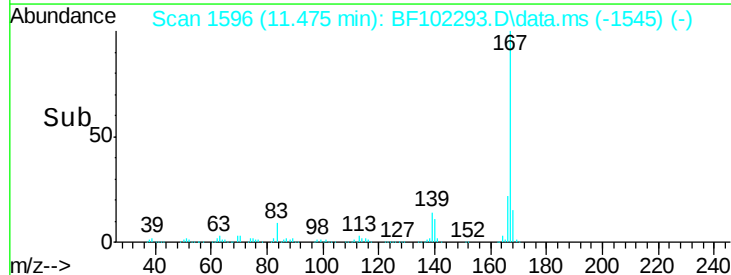
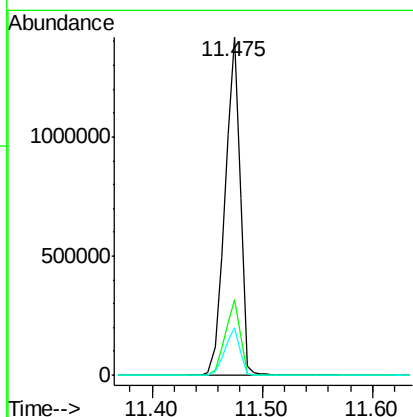
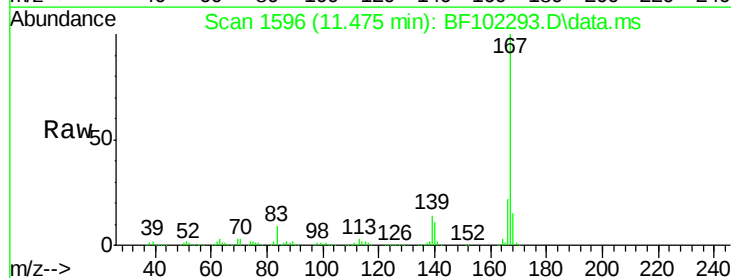
Instrument :
 BNA_F
 ClientSampleId :

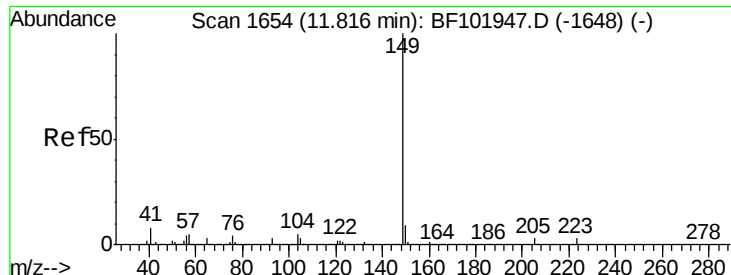
Tot Ion:178 Resp: 1409145
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 53.67 ng
 RT: 11.475 min Scan# 1596
 Delta R.T. 0.000 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

Tgt Ion:167 Resp: 1365842
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.9 10.9 16.3

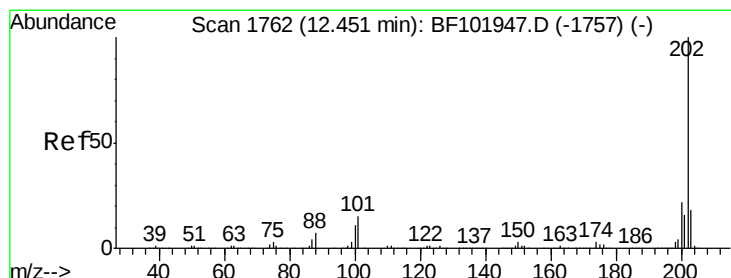
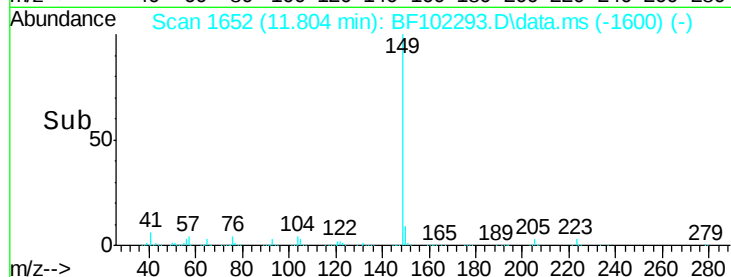
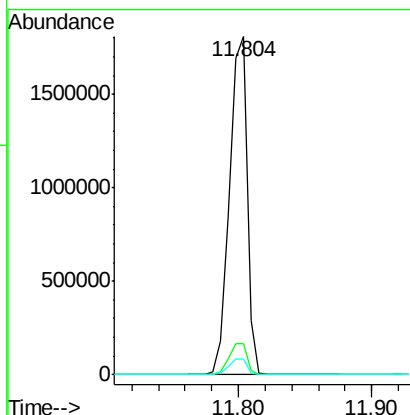
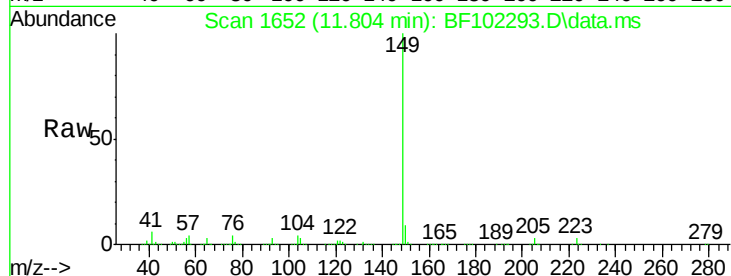




#73
Di-n-butylphthalate
Concen: 54.77 ng
RT: 11.804 min Scan# 16
Delta R.T. 0.006 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

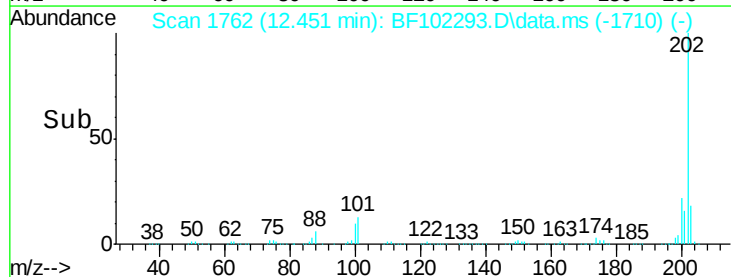
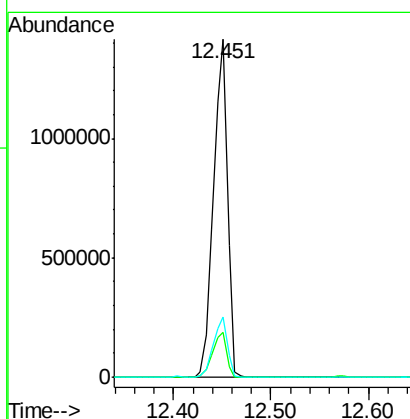
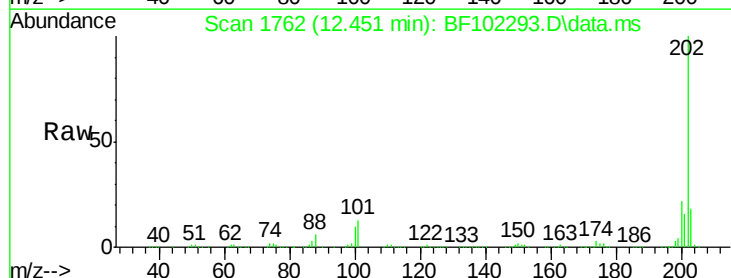
Instrument :
BNA_F
ClientSampleId :

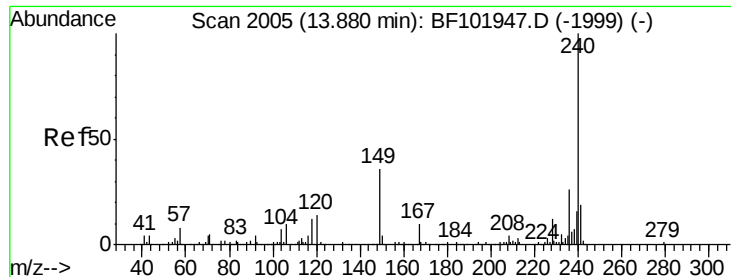
Tot Ion:149 Resp: 1709988
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.4 3.8 5.8



#74
Fluoranthene
Concen: 55.71 ng
RT: 12.451 min Scan# 1762
Delta R.T. 0.006 min
Lab File: BF102293.D
Acq: 22 Jan 2018 12:21

Tgt Ion:202 Resp: 1399188
Ion Ratio Lower Upper
202 100
101 13.2 0.0 34.1
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.874 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

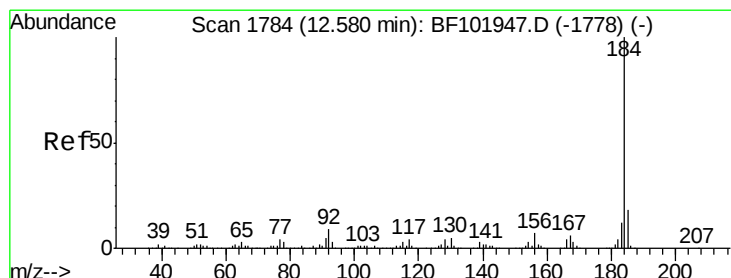
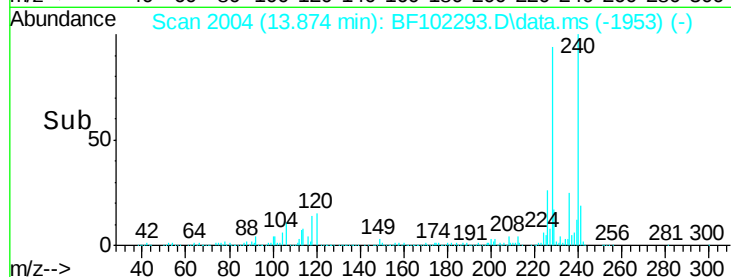
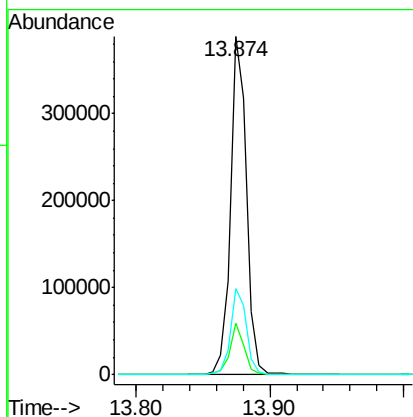
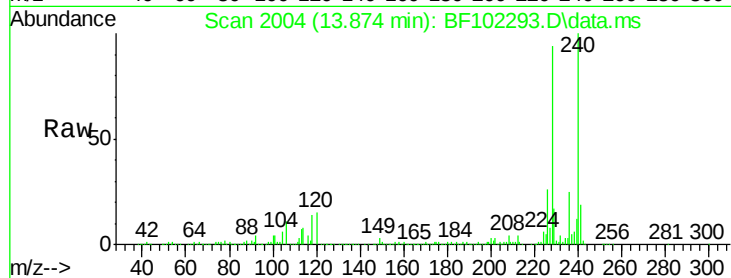
Tot Ion:240 Resp: 329291

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

236 25.5 20.7 31.1



#76

Benzidine

Concen: 33.79 ng

RT: 12.575 min Scan# 1783

Delta R.T. 0.000 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

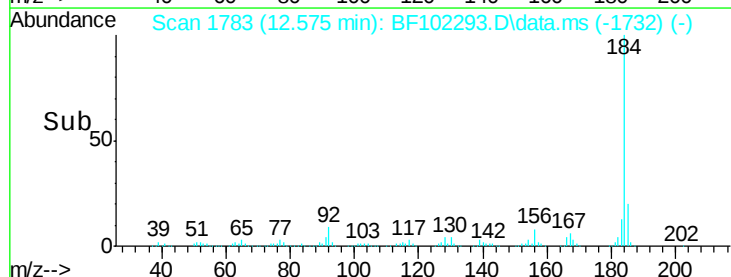
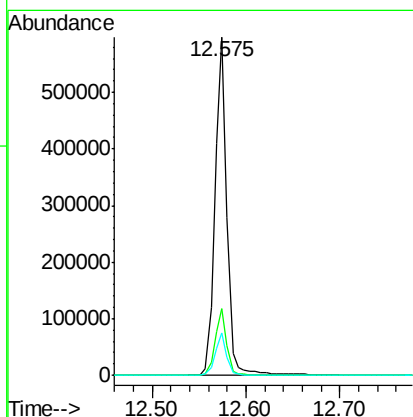
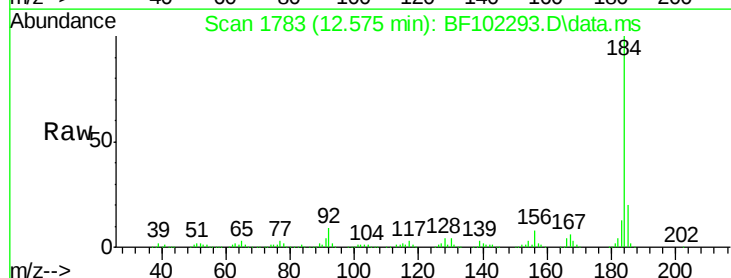
Tgt Ion:184 Resp: 537349

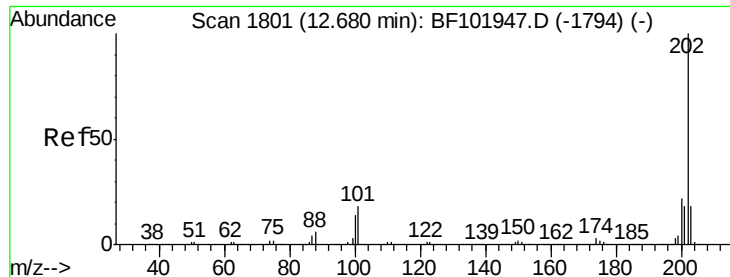
Ion Ratio Lower Upper

184 100

185 19.8 12.6 18.8#

183 12.5 9.3 13.9

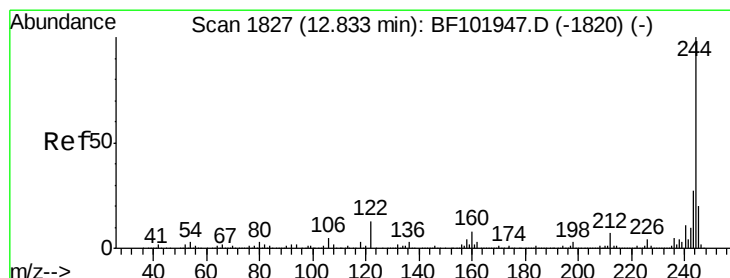
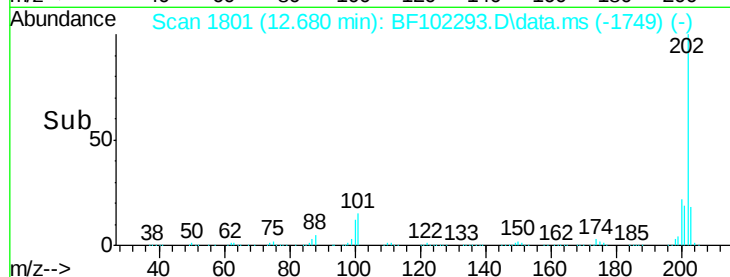
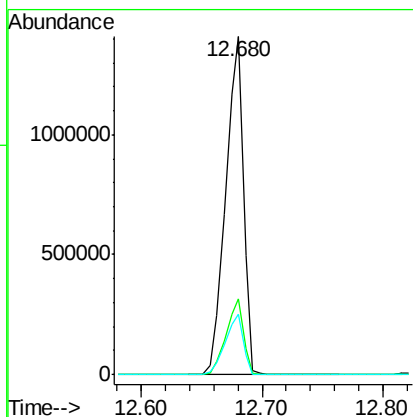
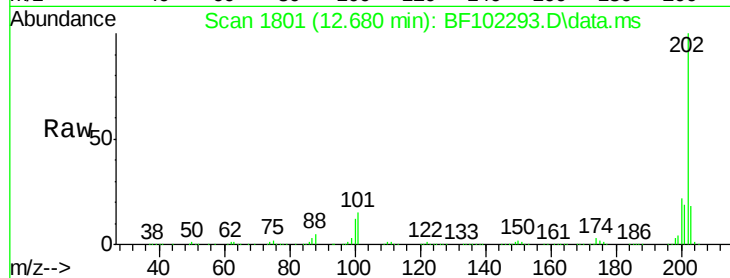




#77
 Pvrene
 Concen: 49.30 ng
 RT: 12.680 min Scan# 1801
 Delta R.T. 0.006 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

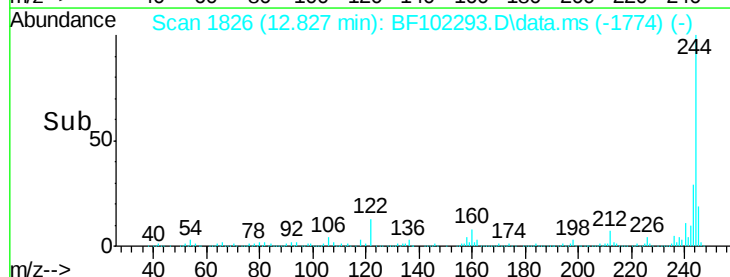
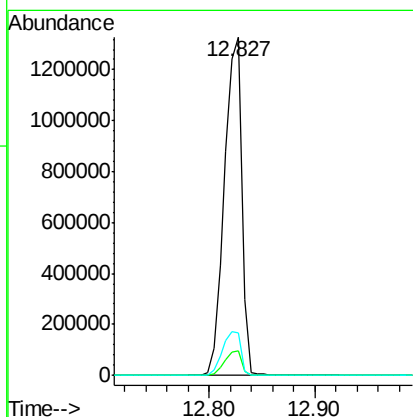
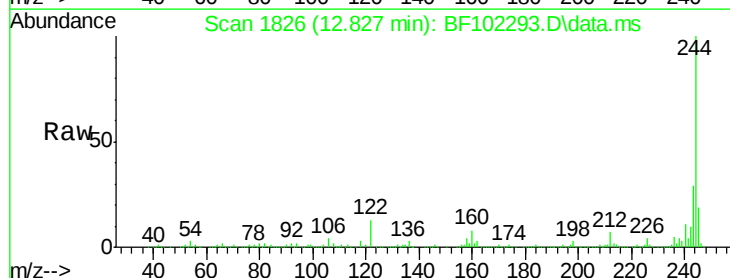
Instrument :
 BNA_F
 ClientSampleId :

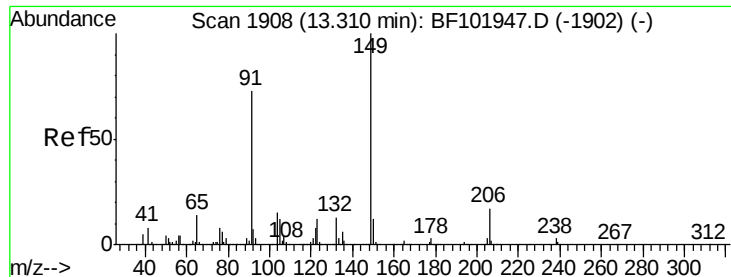
Tot Ion:202 Resp: 1435051
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.4 26.2
 203 17.8 14.3 21.5



#78
 Terphenyl-d14
 Concen: 96.22 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. 0.006 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

Tgt Ion:244 Resp: 1525997
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 12.6 11.0 16.4

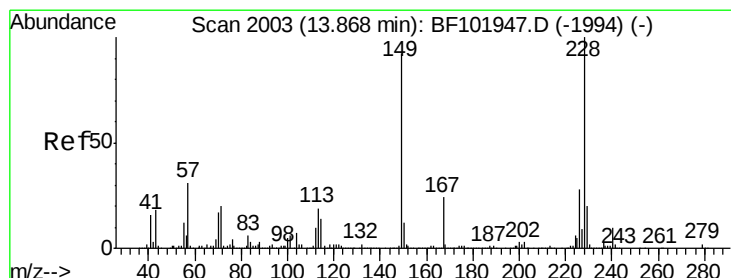
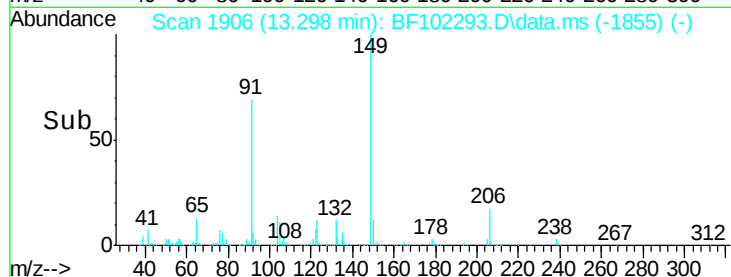
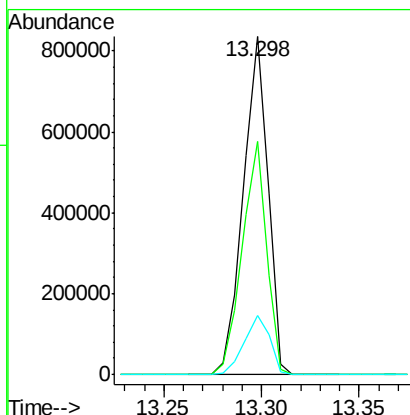
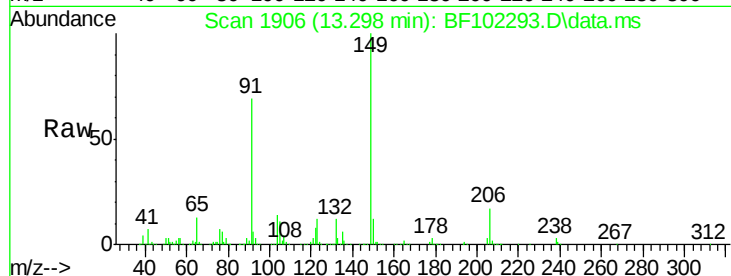




#79
 Butylbenzylphthalate
 Concen: 54.91 ng
 RT: 13.298 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

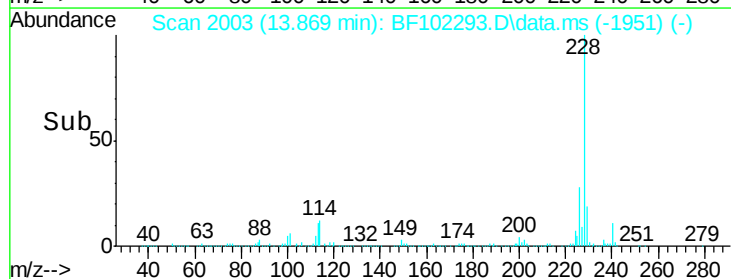
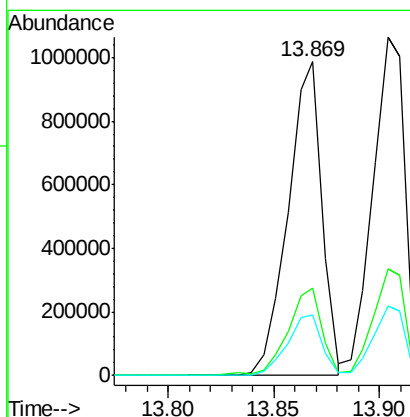
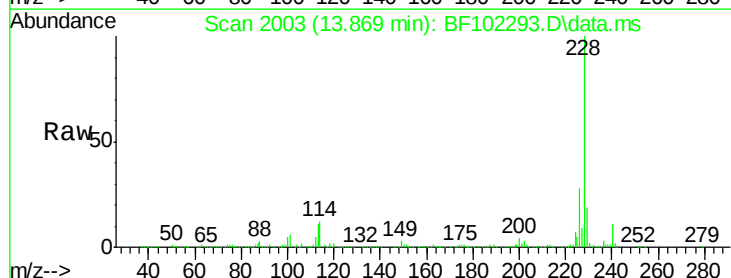
Instrument :
 BNA_F
 ClientSampleId :

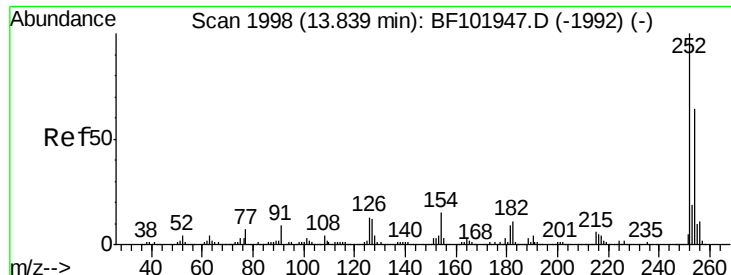
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.0	56.8	85.2
206	17.5	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 52.48 ng
 RT: 13.869 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.3	15.8	23.6

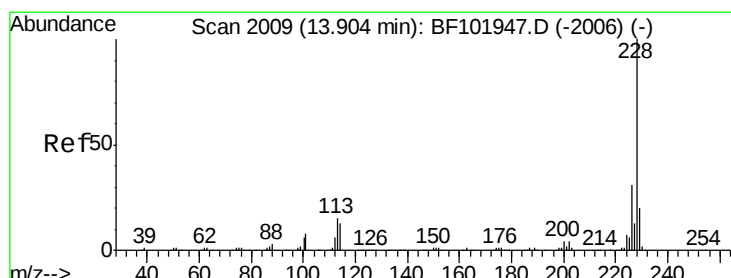
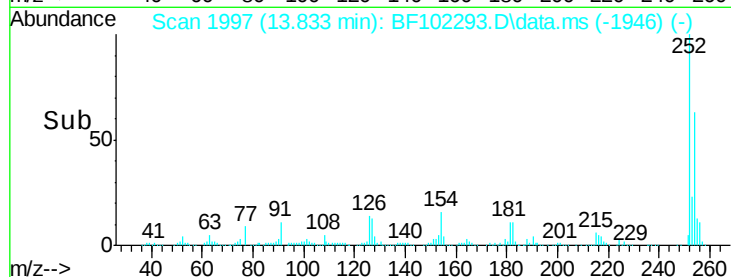
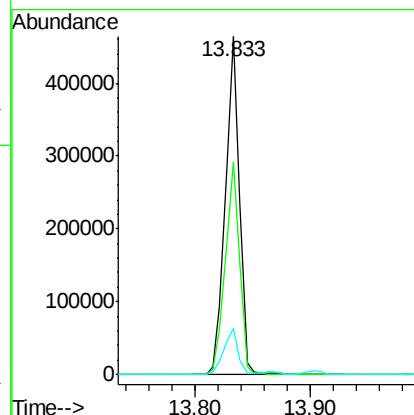
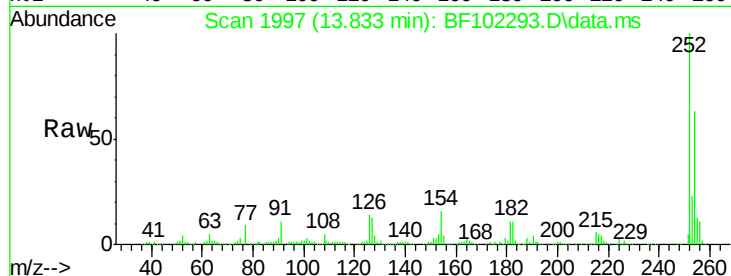




#81
 3,3'-Dichlorobenzidine
 Concen: 50.77 ng
 RT: 13.833 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

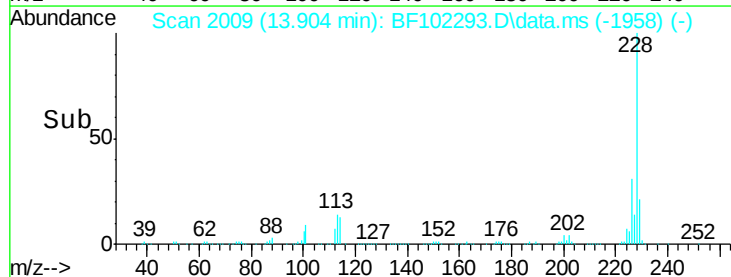
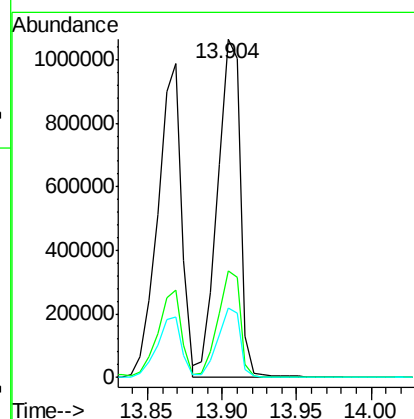
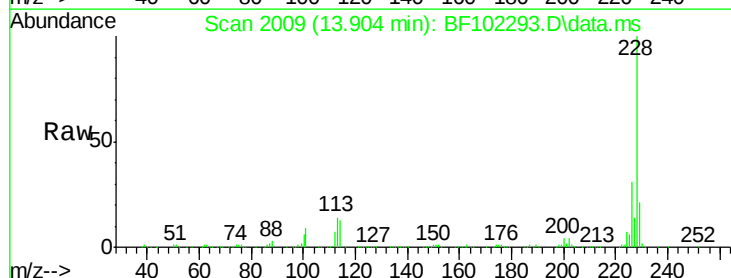
Instrument :
 BNA_F
 ClientSampleId :

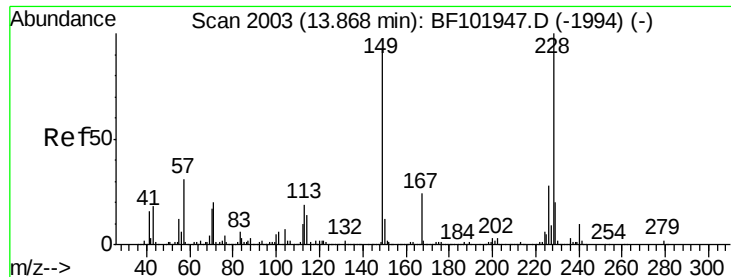
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	50.4	75.6
126	13.5	11.3	16.9



#82
 Chrysene
 Concen: 51.76 ng
 RT: 13.904 min Scan# 2009
 Delta R.T. 0.000 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 60.78 ng

RT: 13.851 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

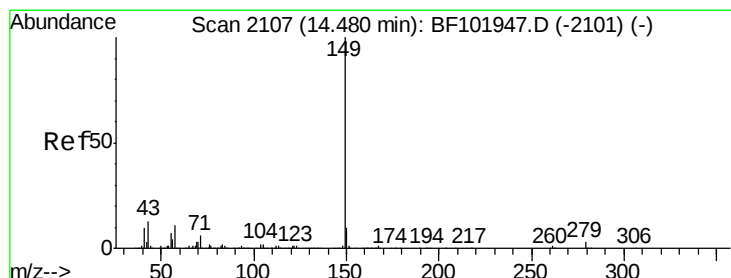
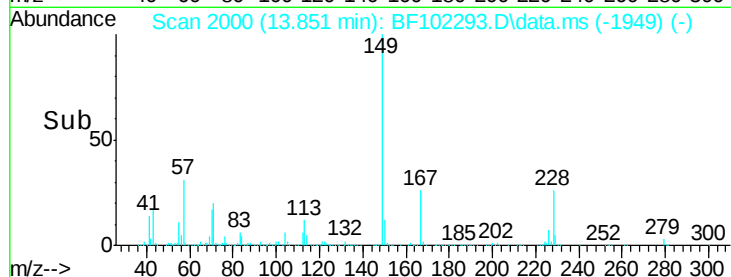
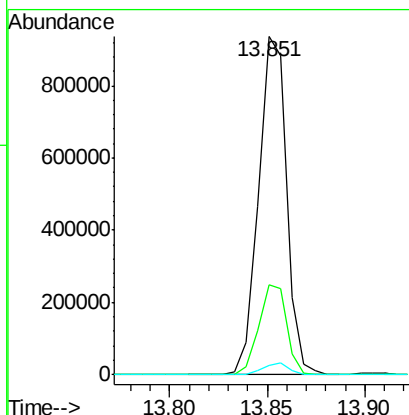
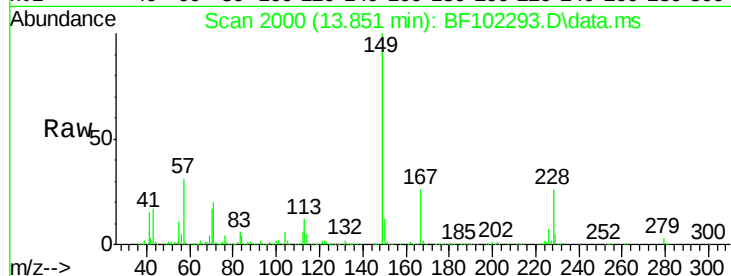
Tot Ion:149 Resp: 931437

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

279 2.8 3.0 4.4#



#84

Di-n-octyl phthalate

Concen: 61.36 ng

RT: 14.469 min Scan# 2105

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

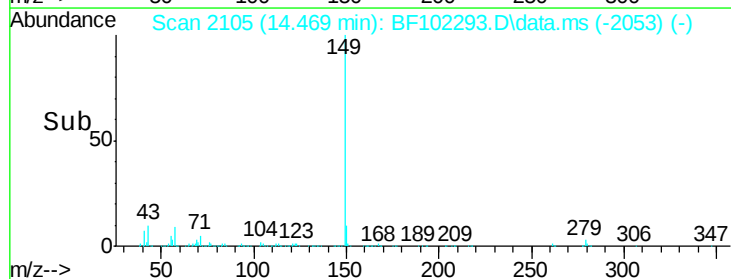
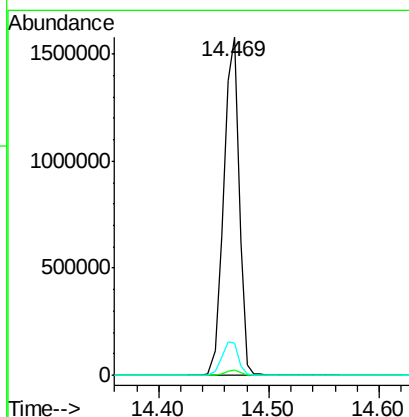
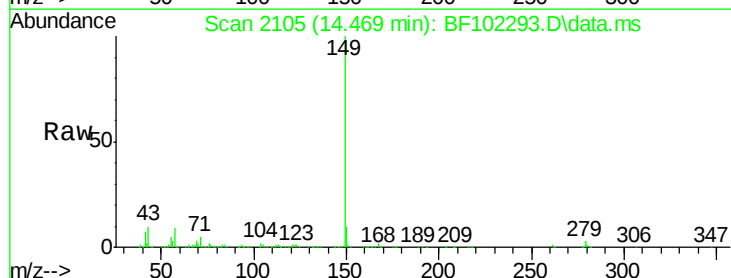
Tgt Ion:149 Resp: 1560277

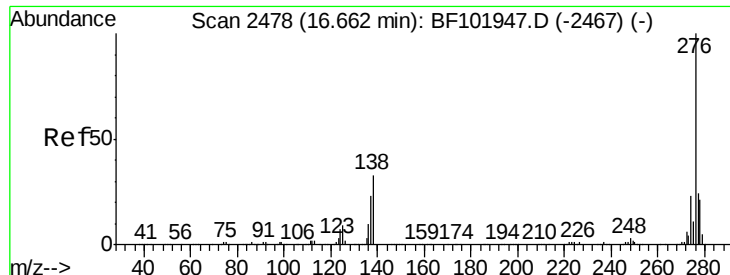
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.4 8.4 12.6

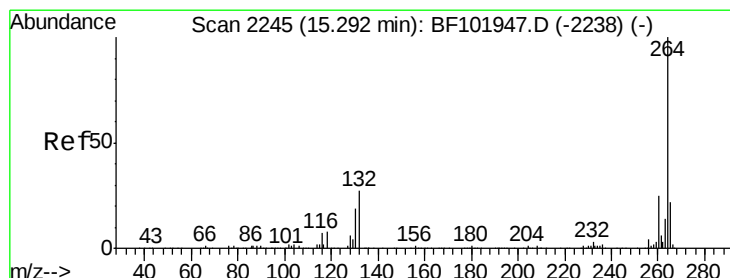
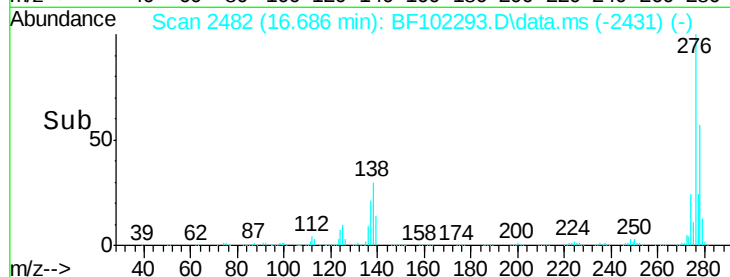
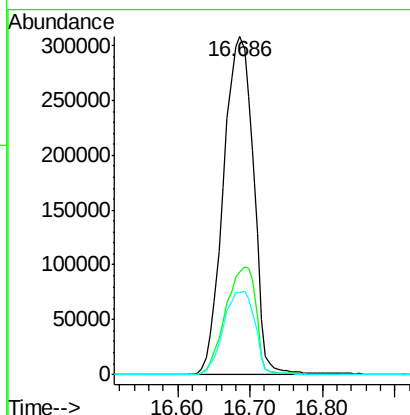
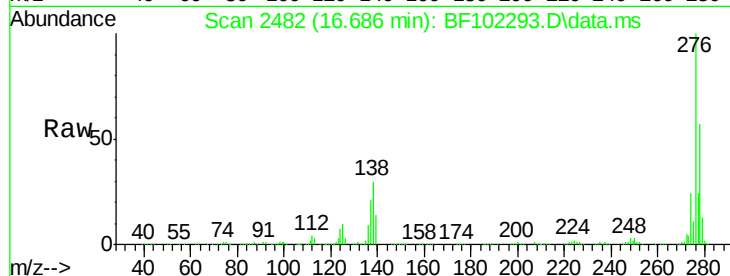




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.70 ng
 RT: 16.686 min Scan# 2478
 Delta R.T. 0.000 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

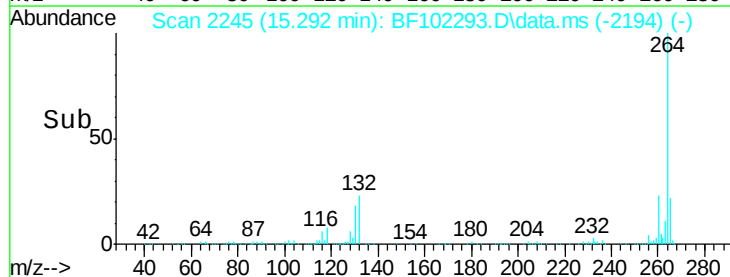
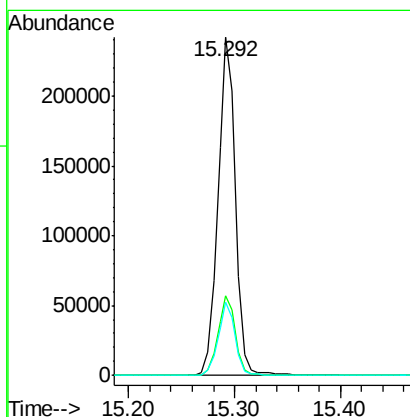
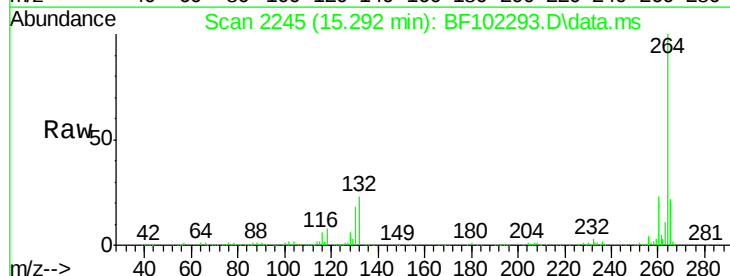
Instrument :
 BNA_F
 ClientSampled :

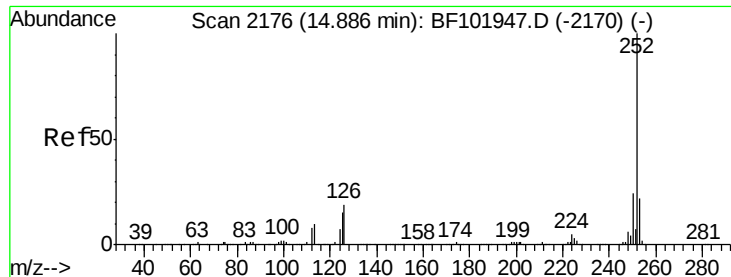
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.4	25.0	37.6
277	25.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. 0.000 min
 Lab File: BF102293.D
 Acq: 22 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 56.18 ng

RT: 14.892 min Scan# 2176

Delta R.T. 0.000 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

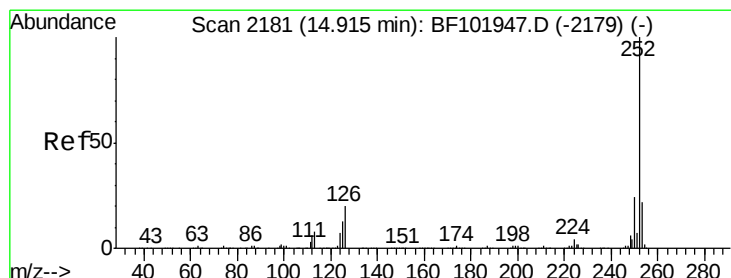
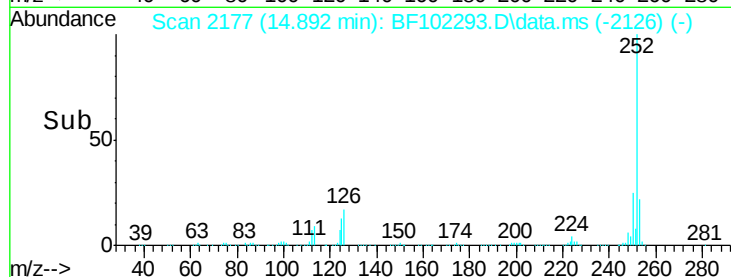
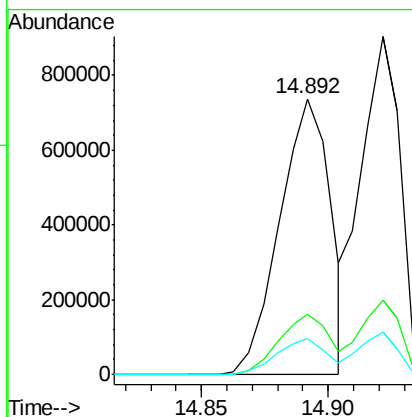
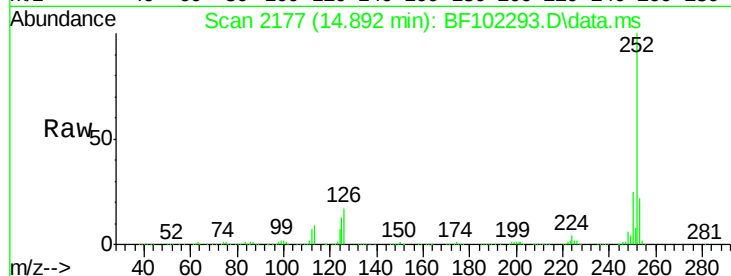
Tot Ion:252 Resp: 1028252

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 13.0 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 56.84 ng

RT: 14.921 min Scan# 2182

Delta R.T. 0.000 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

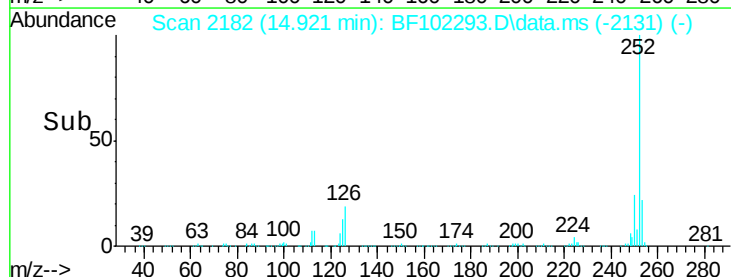
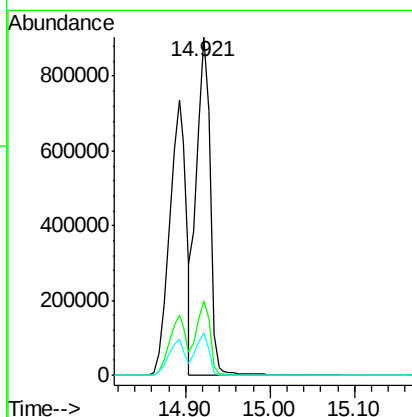
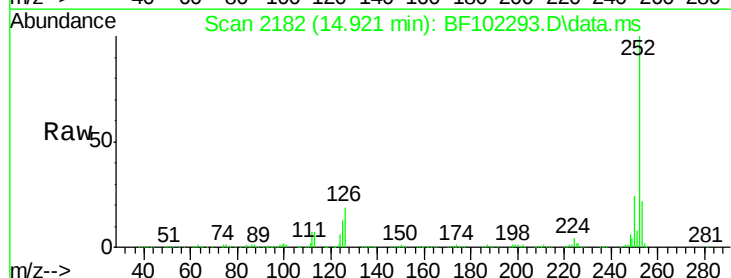
Tgt Ion:252 Resp: 1003712

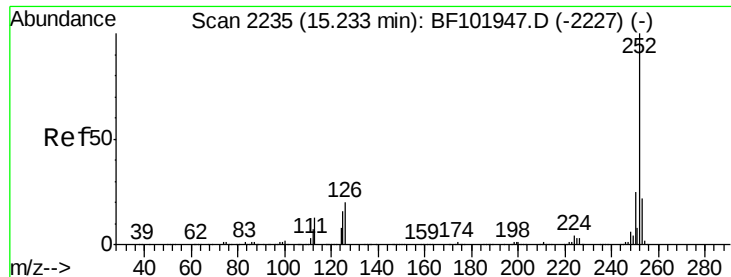
Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 12.6 10.2 15.2





#89

Benzo(a)pyrene

Concen: 56.82 ng

RT: 15.239 min Scan# 22

Delta R.T. 0.000 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

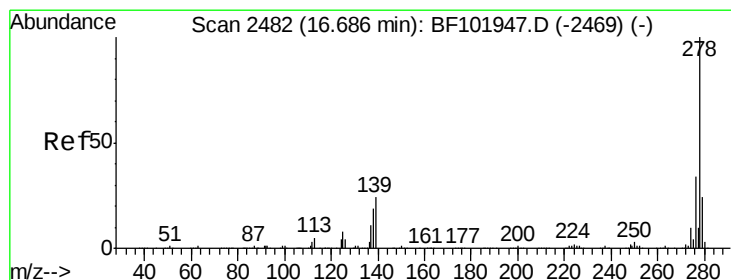
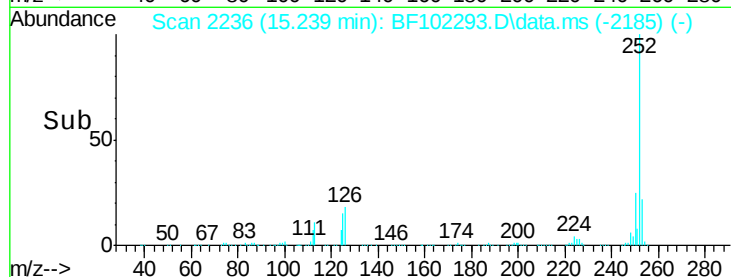
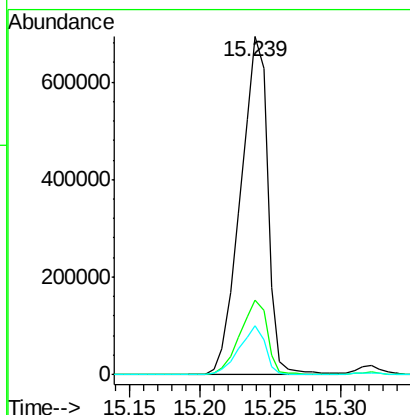
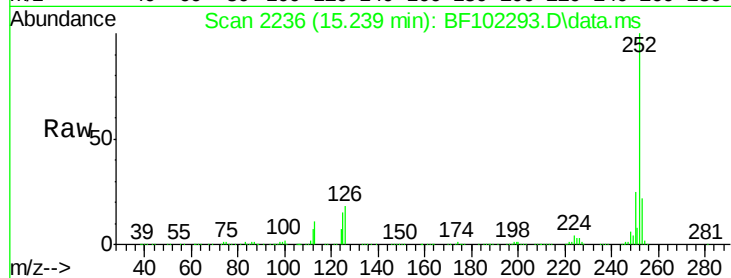
Tot Ion:252 Resp: 935866

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 14.6 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 54.43 ng

RT: 16.704 min Scan# 2485

Delta R.T. 0.006 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

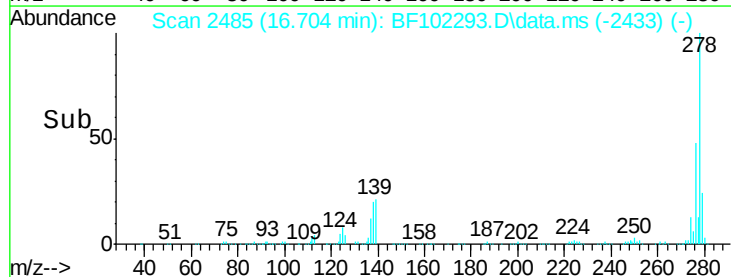
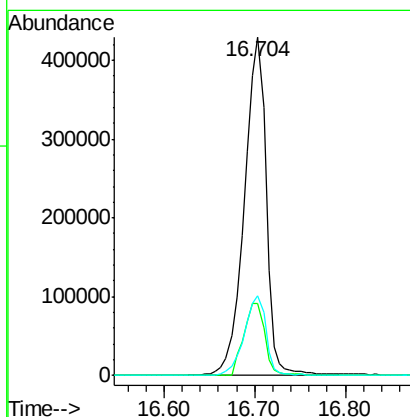
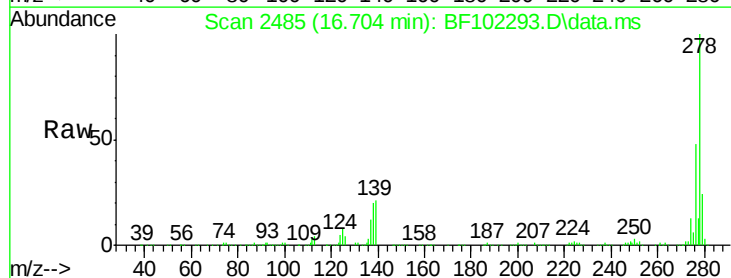
Tgt Ion:278 Resp: 715517

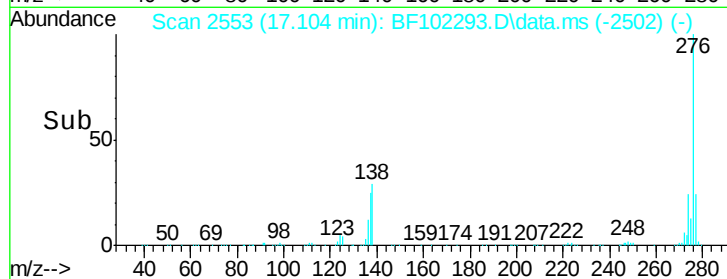
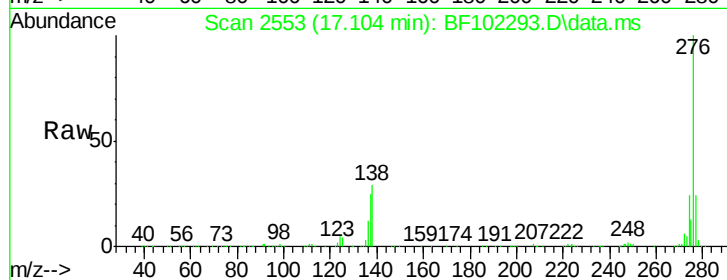
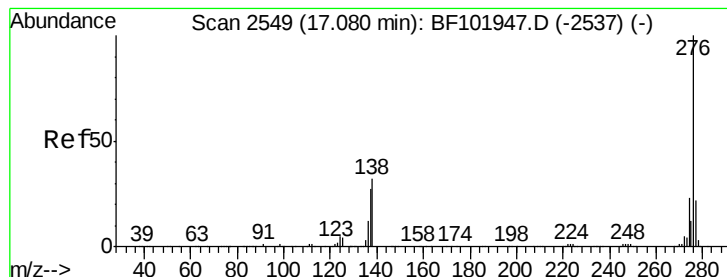
Ion Ratio Lower Upper

278 100

139 21.4 15.9 23.9

279 23.6 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 53.56 ng

RT: 17.104 min Scan# 25

Delta R.T. 0.000 min

Lab File: BF102293.D

Acq: 22 Jan 2018 12:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 709232

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 29.4 21.8 32.8

