

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101129.D
 Acq On : 5 Dec 2017 17:27
 Operator : SJ/JU
 Sample : I6709-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 00:21:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	47999	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	190016	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	87682	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	156717	20.00	ng	0.00
75) Chrysene-d12	14.02	240	98601	20.00	ng	0.00
86) Perylene-d12	15.50	264	103842	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	400672	137.94	ng	0.02
7) Phenol-d6	6.49	99	479992	136.11	ng	0.01
23) Nitrobenzene-d5	7.42	82	298059	93.57	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	126515	120.11	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	608716	94.98	ng	0.00
78) Terphenyl-d14	12.96	244	477560	105.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	50375	41.939	ng	97
3) Pyridine	3.45	79	124197	39.886	ng	93
4) n-Nitrosodimethylamine	3.41	42	73194	48.128	ng	90
6) Aniline	6.52	93	135548	29.557	ng	98
8) 2-Chlorophenol	6.64	128	149751	47.283	ng	96
9) Benzaldehyde	6.40	77	53730	24.893	ng	93
10) Phenol	6.50	94	185916	47.411	ng	88
11) bis(2-Chloroethyl)ether	6.59	93	133559	45.408	ng	98
12) 1,3-Dichlorobenzene	6.79	146	172338	46.731	ng	98
13) 1,4-Dichlorobenzene	6.87	146	173090	45.334	ng	97
14) 1,2-Dichlorobenzene	7.02	146	162183	45.540	ng	97
15) Benzyl Alcohol	7.00	79	125085	45.923	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	214889	53.747	ng	94
17) 2-Methylphenol	7.11	107	118793	46.451	ng	96
18) Hexachloroethane	7.36	117	52299	42.635	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	102446	43.134	ng	96
20) 3+4-Methylphenols	7.26	107	151935	45.554	ng	# 67
22) Acetophenone	7.26	105	196918	42.895	ng	# 88
24) Nitrobenzene	7.44	77	146541	46.940	ng	97
25) Isophorone	7.67	82	269764	49.580	ng	97
26) 2-Nitrophenol	7.75	139	75970	44.329	ng	96
27) 2,4-Dimethylphenol	7.79	122	124691	50.296	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	167540	45.815	ng	98
29) 2,4-Dichlorophenol	7.99	162	129090	47.837	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	140300	47.282	ng	98
31) Naphthalene	8.16	128	422928	45.161	ng	99
32) Benzoic acid	7.79	122	124691	64.668	ng	# 14
33) 4-Chloroaniline	8.20	127	69770	18.542	ng	98
34) Hexachlorobutadiene	8.26	225	81055	44.538	ng	98
35) Caprolactam	8.58	113	21337	25.372	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	131740	47.129	ng	98
37) 2-Methylnaphthalene	8.85	142	295378	46.419	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	135243	42.458	ng	# 97
40) Hexachlorocyclopentadiene	8.99	237	23062	26.007	ng	99

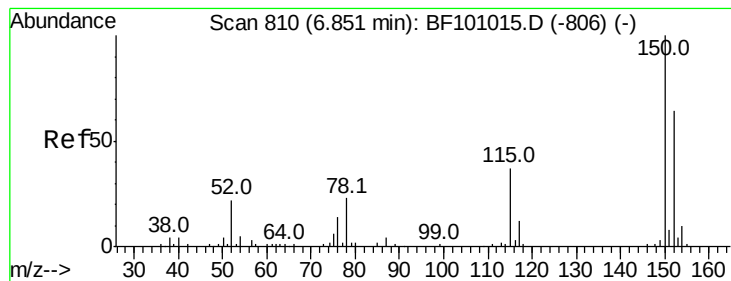
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101129.D
 Acq On : 5 Dec 2017 17:27
 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	93714	50.188	ng	97
43) 2,4,5-Trichlorophenol	9.17	196	97028	48.605	ng	# 92
45) 1,1'-Biphenyl	9.31	154	340013	42.325	ng	98
46) 2-Chloronaphthalene	9.34	162	275654	48.316	ng	95
47) 2-Nitroaniline	9.44	65	80848	47.897	ng	98
48) Acenaphthylene	9.75	152	418566	44.643	ng	99
49) Dimethylphthalate	9.61	163	409216	57.870	ng	100
50) 2,6-Dinitrotoluene	9.68	165	69905	46.936	ng	90
51) Acenaphthene	9.93	154	240251	42.793	ng	99
52) 3-Nitroaniline	9.85	138	59616	35.593	ng	92
53) 2,4-Dinitrophenol	9.97	184	1158	6.248	ng	# 18
54) Dibenzofuran	10.10	168	362259	44.776	ng	99
55) 4-Nitrophenol	10.02	139	89407	79.152	ng	92
56) 2,4-Dinitrotoluene	10.09	165	87703	43.939	ng	97
57) Fluorene	10.44	166	289847	44.070	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	72641	45.447	ng	# 86
59) Diethylphthalate	10.31	149	311070	44.599	ng	97
60) 4-Chlorophenyl-phenylether	10.43	204	141999	43.728	ng	92
61) 4-Nitroaniline	10.47	138	66142	38.042	ng	92
62) Azobenzene	10.59	77	260990	44.093	ng	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	7917	7.532	ng	79
65) n-Nitrosodiphenylamine	10.55	169	265226	47.972	ng	97
66) 4-Bromophenyl-phenylether	10.92	248	87974	50.151	ng	92
67) Hexachlorobenzene	10.99	284	87624	46.607	ng	# 83
68) Atrazine	11.07	200	84963	50.098	ng	97
69) Pentachlorophenol	11.19	266	64039	61.950	ng	99
70) Phenanthrene	11.40	178	394593	45.722	ng	98
71) Anthracene	11.46	178	401565	45.974	ng	99
72) Carbazole	11.61	167	343100	42.992	ng	98
73) Di-n-butylphthalate	11.93	149	463911	46.377	ng	98
74) Fluoranthene	12.59	202	354088	37.013	ng	95
76) Benzidine	12.72	184	137643	42.929	ng	96
77) Pyrene	12.82	202	351875	51.718	ng	98
79) Butylbenzylphthalate	13.43	149	153926	51.314	ng	# 87
80) Benzo(a)anthracene	14.02	228	287126	46.121	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	96693	44.847	ng	# 97
82) Chrysene	14.05	228	267175	46.210	ng	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	208783	48.814	ng	99
84) Di-n-octyl phthalate	14.60	149	321005	45.076	ng	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	264928	51.540	ng	# 92
87) Benzo(b)fluoranthene	15.10	252	262496	42.203	ng	97
88) Benzo(k)fluoranthene	15.10	252	262496	42.836	ng	# 96
89) Benzo(a)pyrene	15.44	252	263870	46.664	ng	98
90) Dibenzo(a,h)anthracene	17.00	278	224755	45.085	ng	# 94
91) Benzo(g,h,i)perylene	17.44	276	209211	44.532	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.01 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

Instrument :

BNA_F

ClientSampleId :

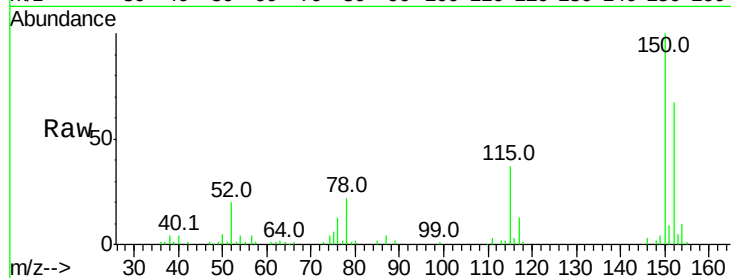
Tot Ion:152 Resp: 47999

Ion Ratio Lower Upper

152 100

150 148.5 124.6 186.8

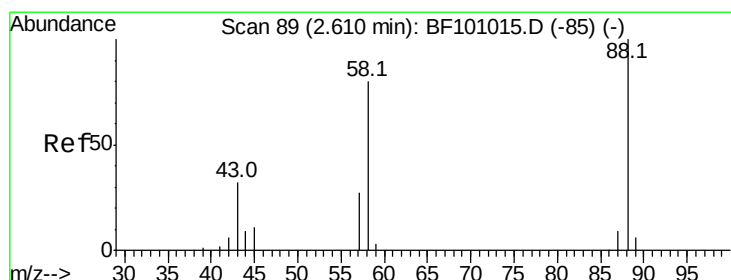
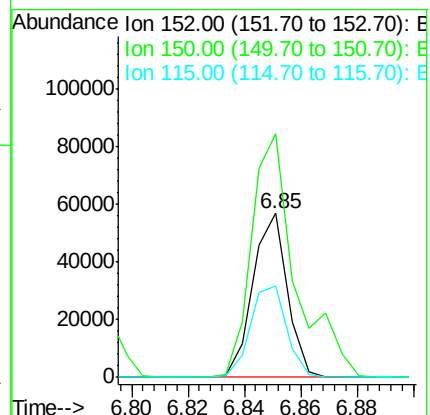
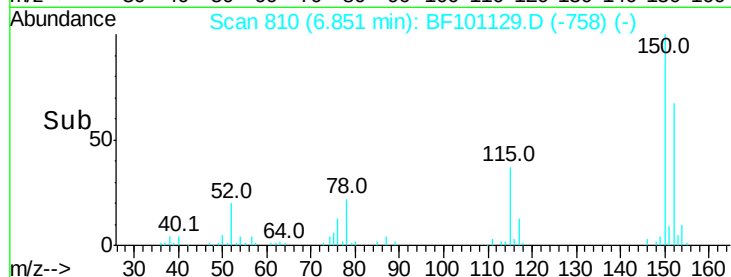
115 55.6 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.939 ng

RT: 2.68 min Scan# 101

Delta R.T. 0.09 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

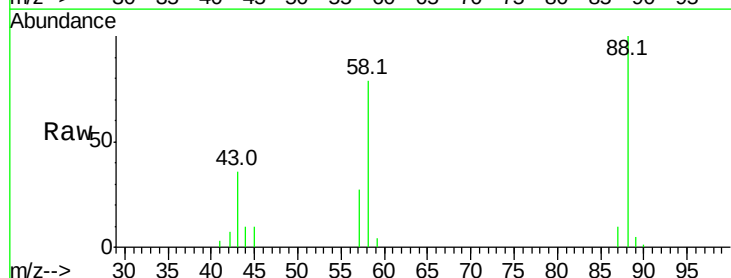
Tgt Ion: 88 Resp: 50375

Ion Ratio Lower Upper

88 100

58 77.2 62.6 93.8

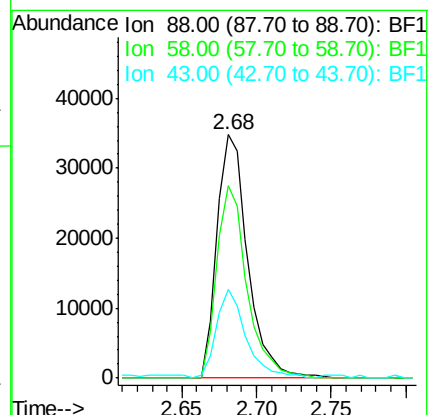
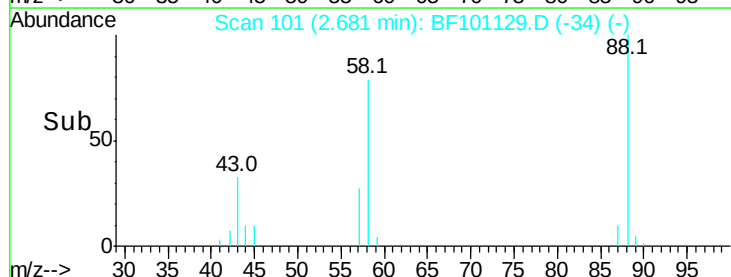
43 35.0 24.6 37.0

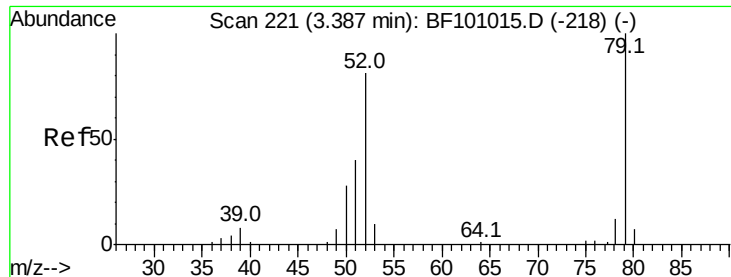


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

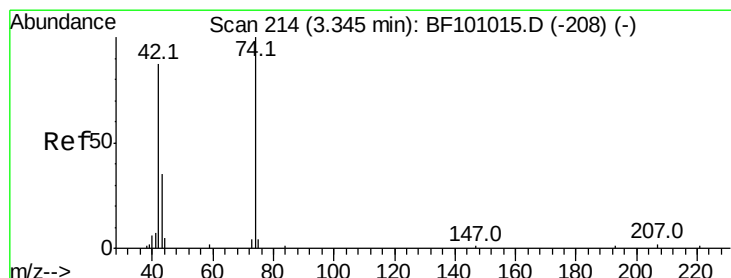
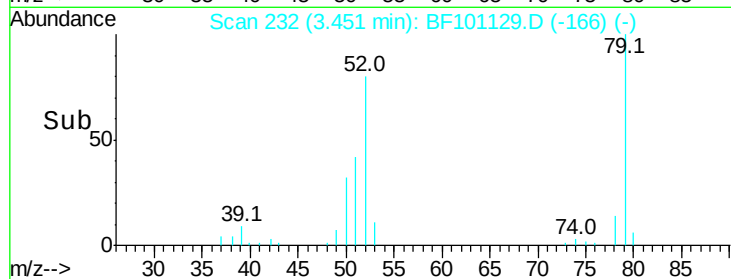
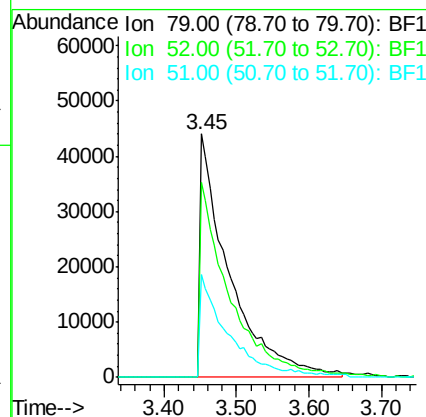
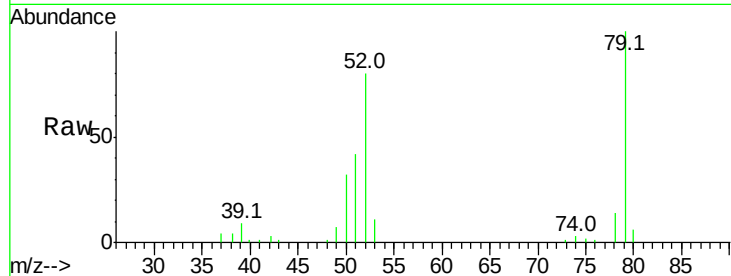




#3
 Pvridine
 Concen: 39.886 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.09 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

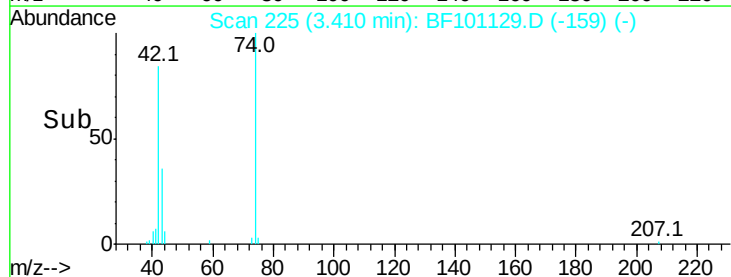
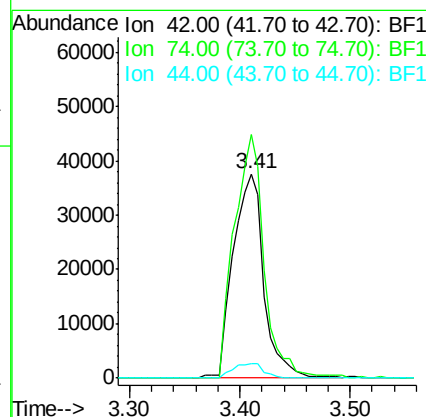
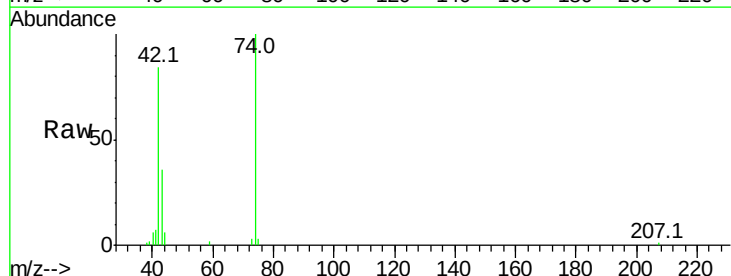
Instrument :
 BNA_F
 ClientSampled :

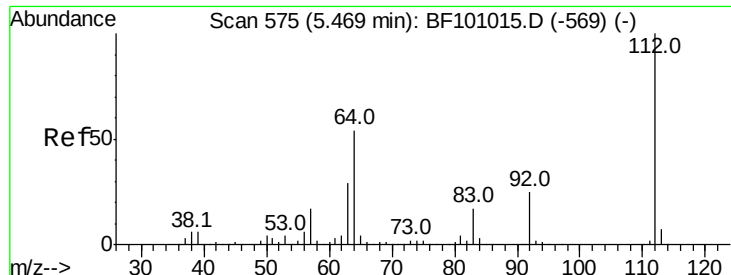
Tot Ion: 79 Resp: 124197
 Ion Ratio Lower Upper
 79 100
 52 80.0 59.8 89.6
 51 42.4 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 48.128 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.09 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

Tgt Ion: 42 Resp: 73194
 Ion Ratio Lower Upper
 42 100
 74 119.3 104.9 157.3
 44 7.1 6.9 10.3

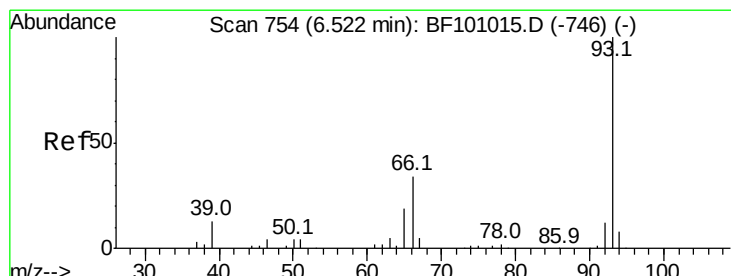
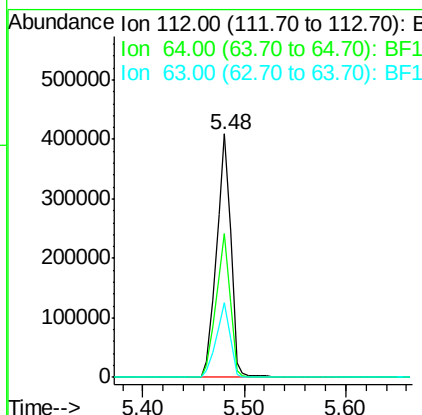
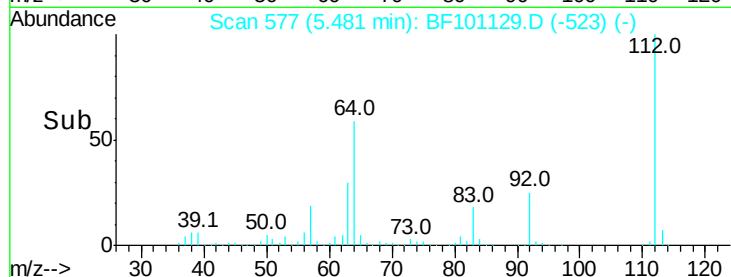
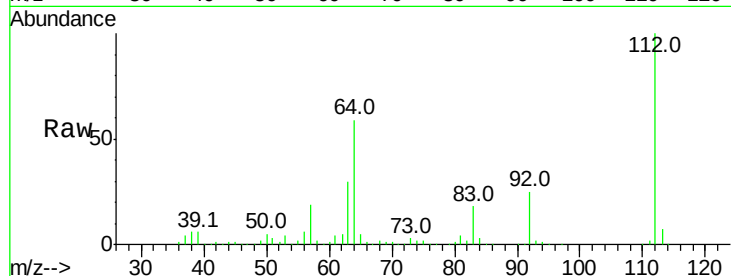




#5
 2-Fluorophenol
 Concen: 137.938 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.02 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

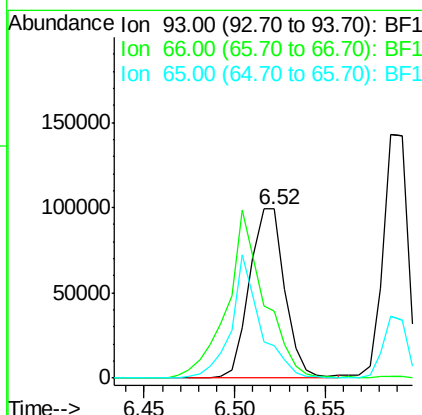
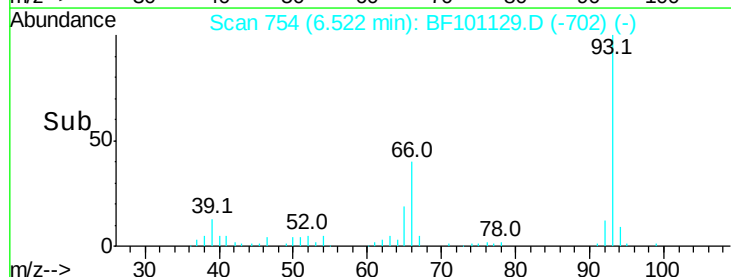
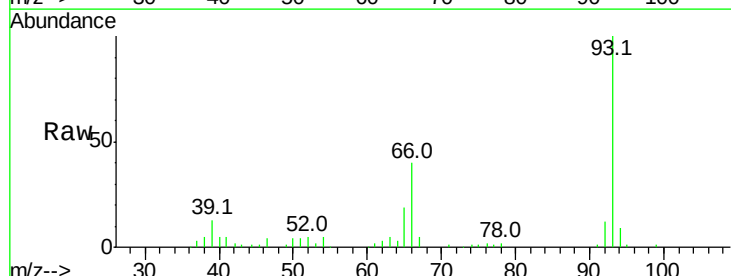
Instrument :
 BNA_F
 ClientSampled :

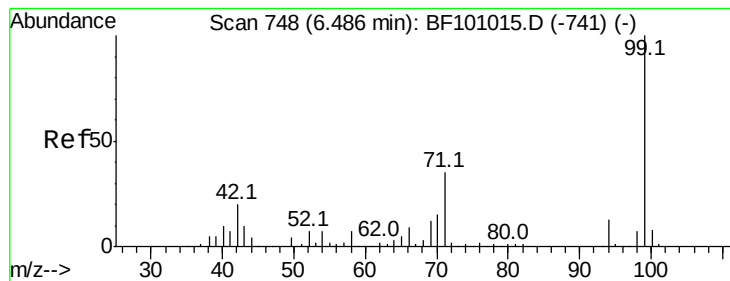
Tot Ion:112 Resp: 400672
 Ion Ratio Lower Upper
 112 100
 64 58.9 47.9 71.9
 63 30.4 23.7 35.5



#6
 Aniline
 Concen: 29.557 ng
 RT: 6.52 min Scan# 754
 Delta R.T. 0.01 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

Tgt Ion: 93 Resp: 135548
 Ion Ratio Lower Upper
 93 100
 66 39.5 32.2 48.2
 65 19.2 16.4 24.6





#7

Phenol-d6

Concen: 136.105 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

Instrument :

BNA_F

ClientSampled :

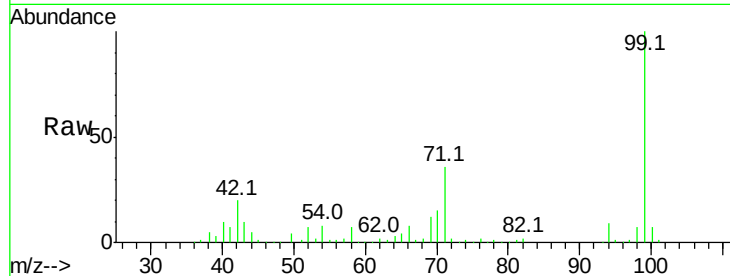
Tot Ion: 99 Resp: 479992

Ion Ratio Lower Upper

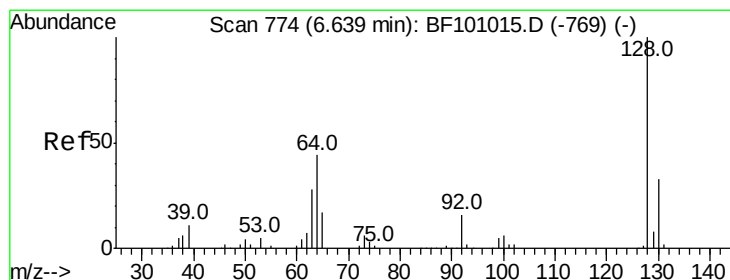
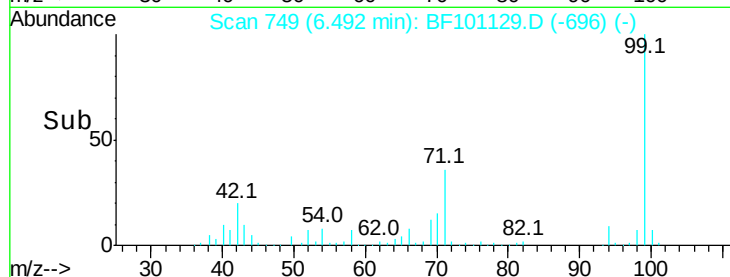
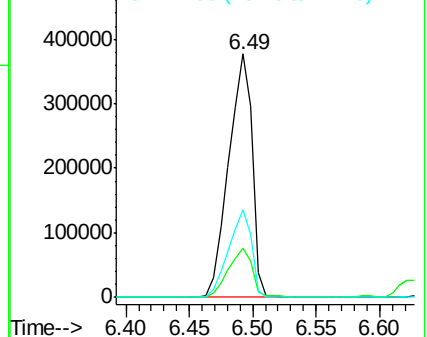
99 100

42 20.0 14.5 21.7

71 35.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.283 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

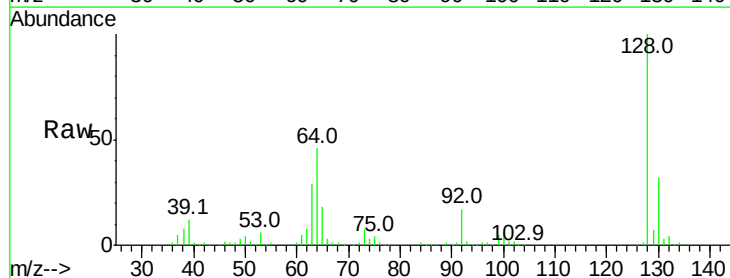
Tgt Ion: 128 Resp: 149751

Ion Ratio Lower Upper

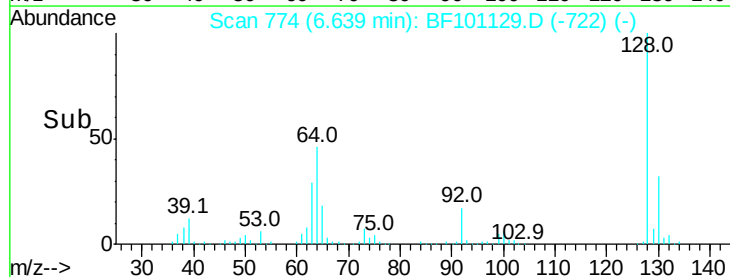
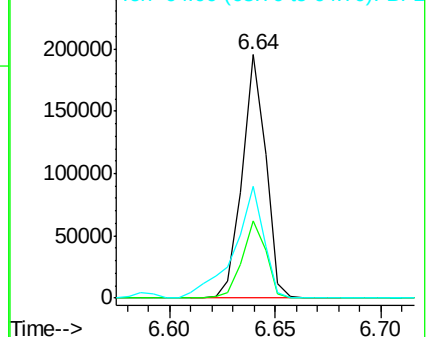
128 100

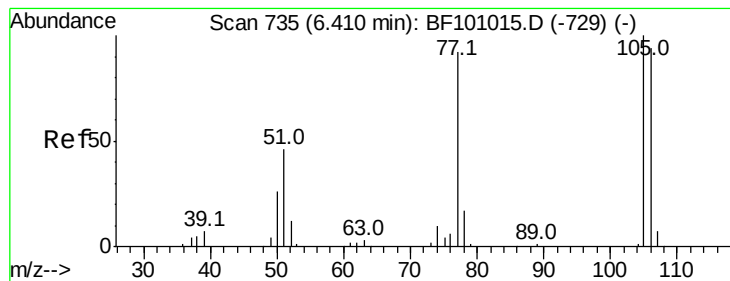
130 31.8 13.0 53.0

64 46.1 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.893 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

Instrument :

BNA_F

ClientSampleId :

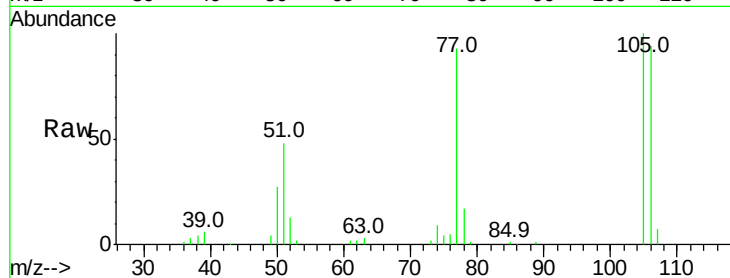
Tot Ion: 77 Resp: 53730

Ion Ratio Lower Upper

77 100

105 107.2 81.1 121.1

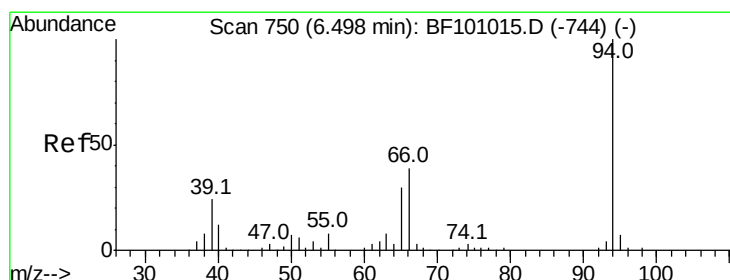
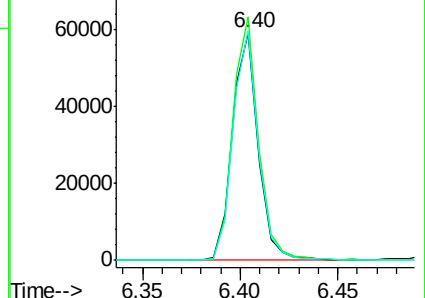
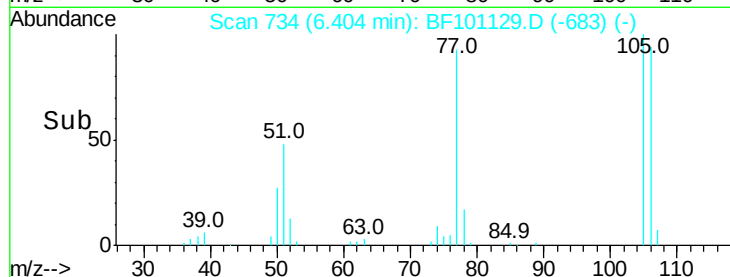
106 101.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 47.411 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

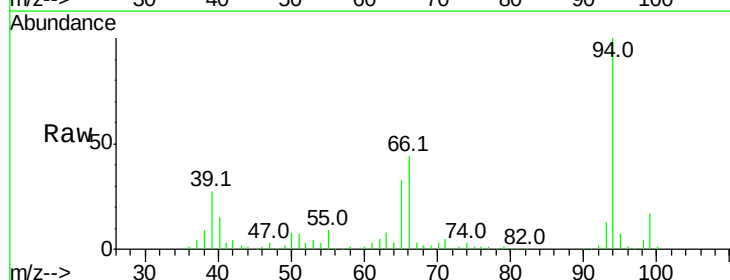
Tgt Ion: 94 Resp: 185916

Ion Ratio Lower Upper

94 100

65 32.6 7.9 47.9

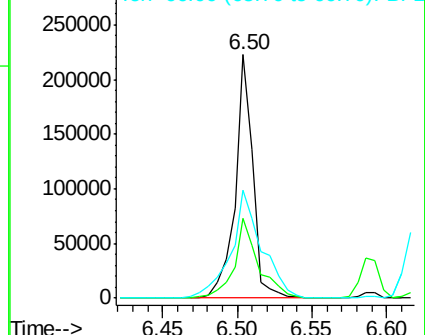
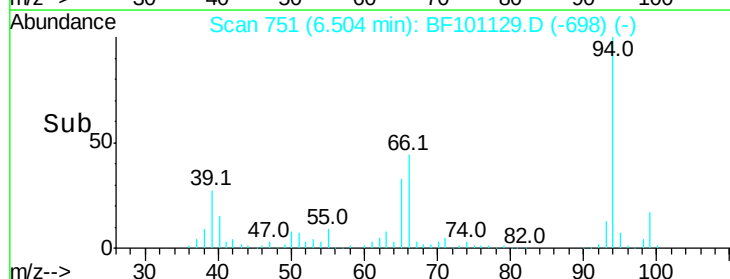
66 44.3 16.2 56.2

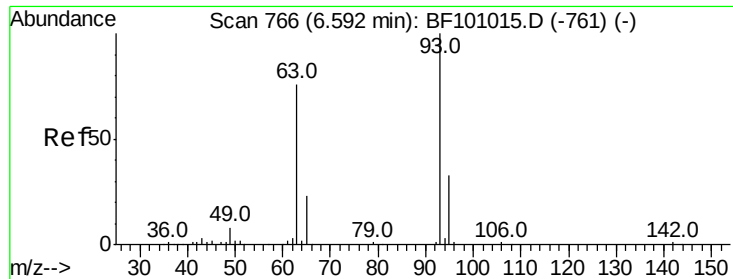


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 45.408 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

Instrument :

BNA_F

ClientSampleId :

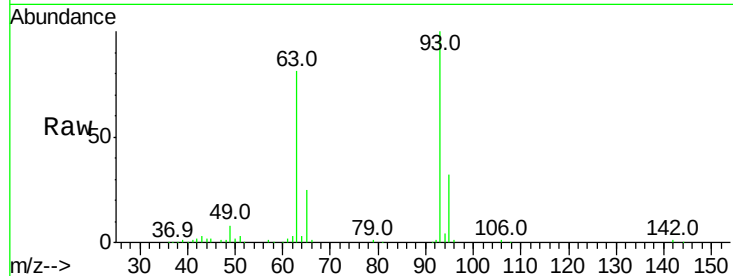
Tot Ion: 93 Resp: 133559

Ion Ratio Lower Upper

93 100

63 81.4 58.6 98.6

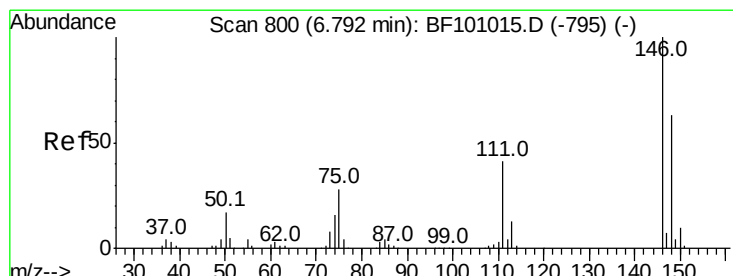
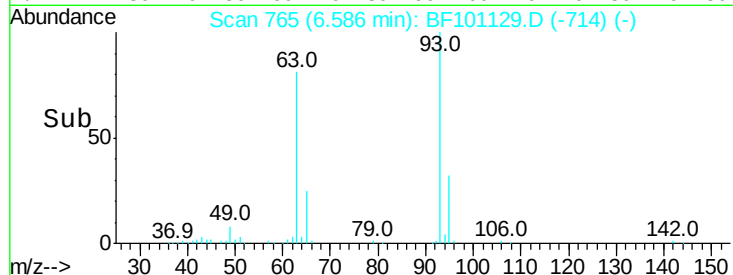
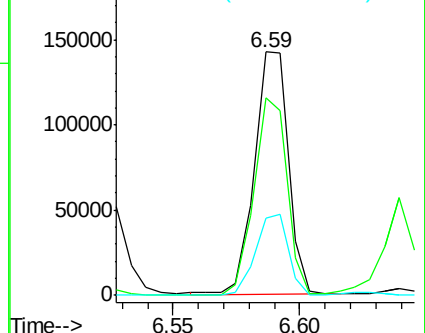
95 31.5 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 46.731 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.01 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

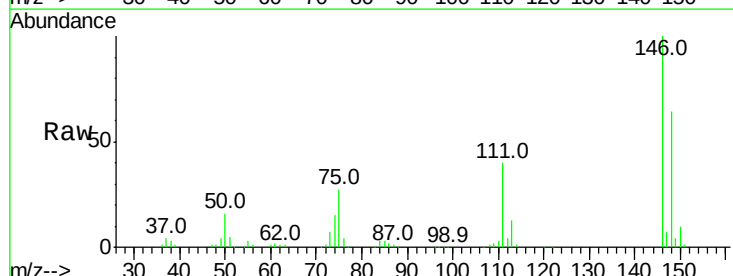
Tgt Ion:146 Resp: 172338

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

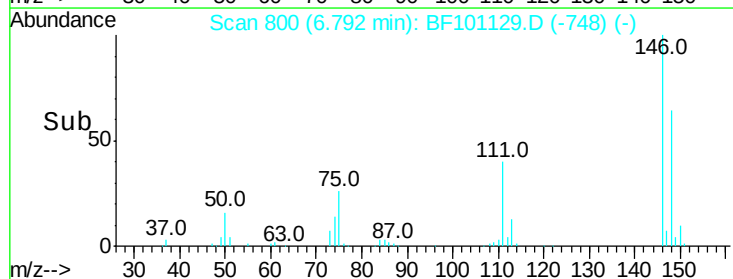
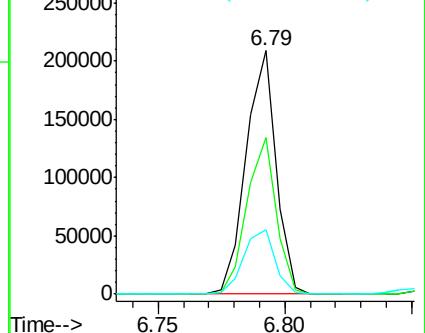
75 26.7 24.2 36.4

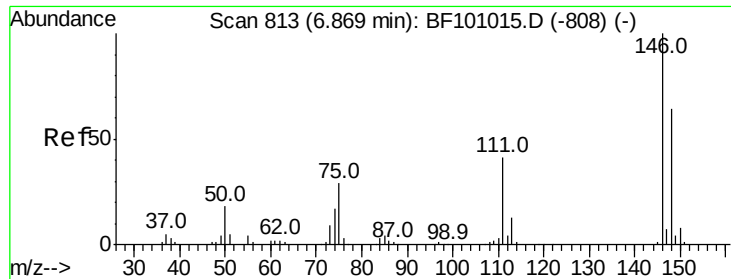


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

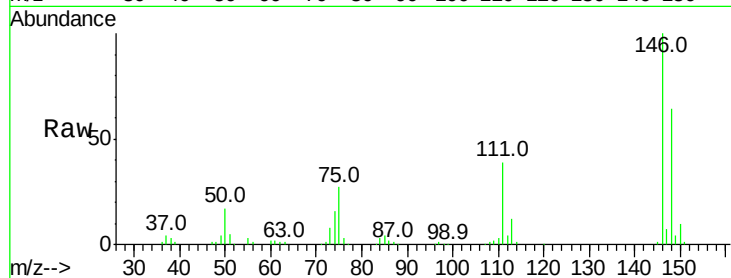




#13
 1,4-Dichlorobenzene
 Concen: 45.334 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	39.2	34.2	51.2

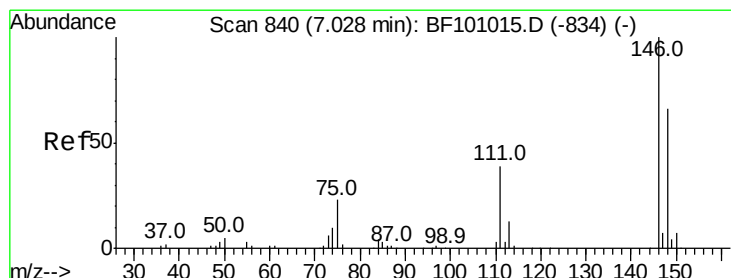
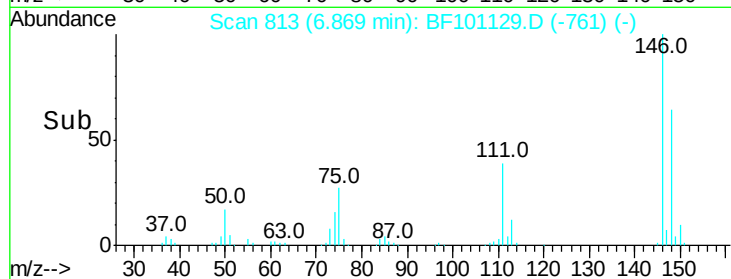
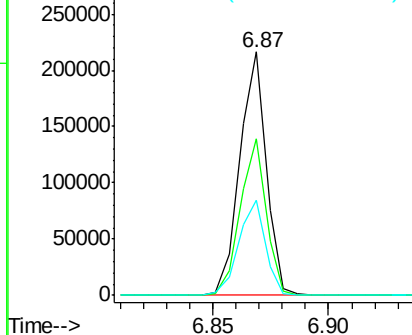


Abundance

Ion 146.00 (145.70 to 146.70): E

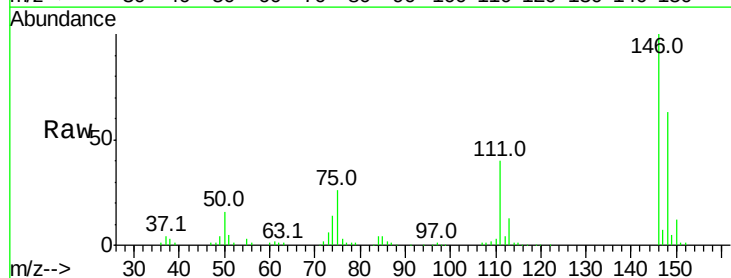
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 45.540 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	40.5	36.0	54.0

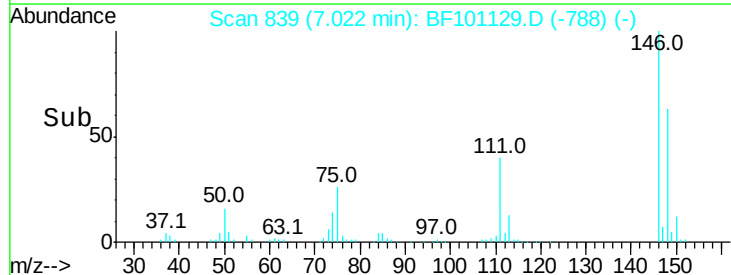
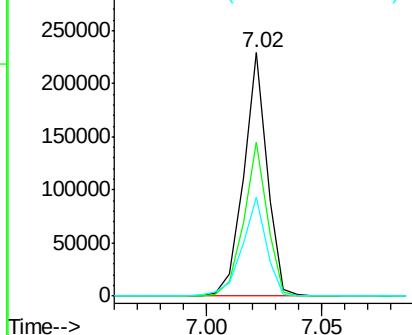


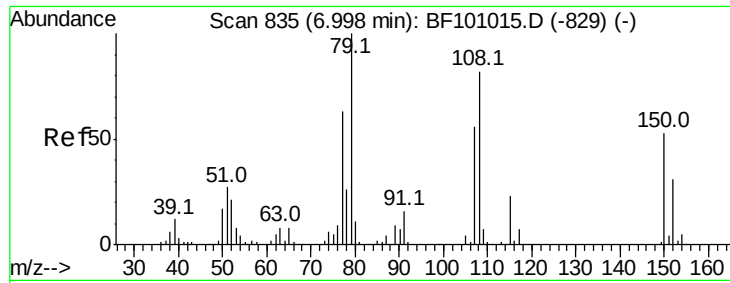
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

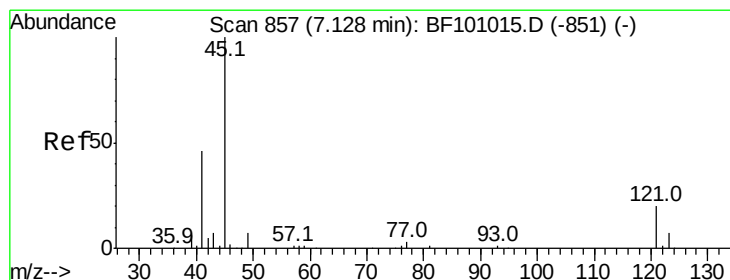
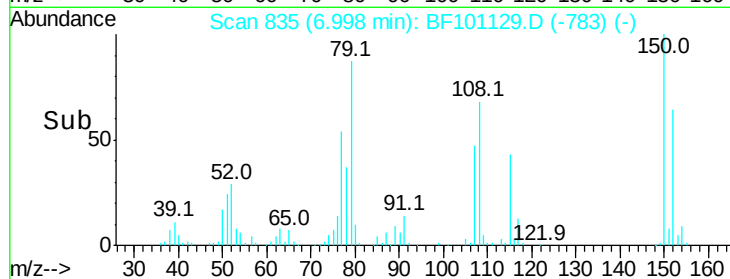
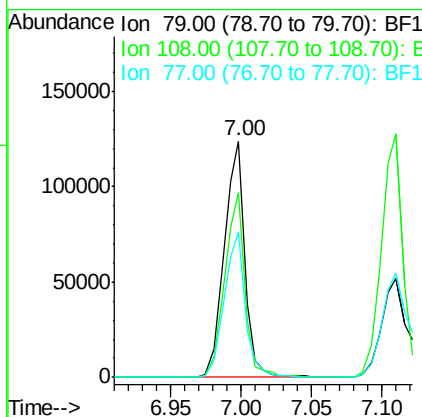
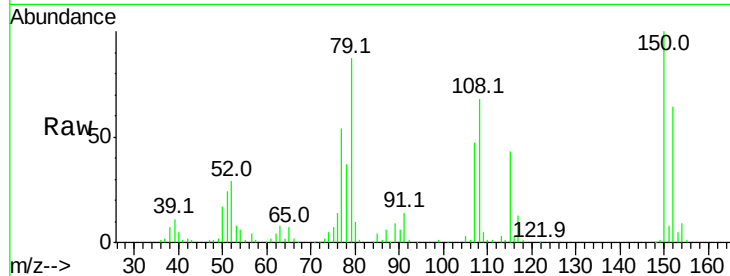




#15
Benzyl Alcohol
Concen: 45.923 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

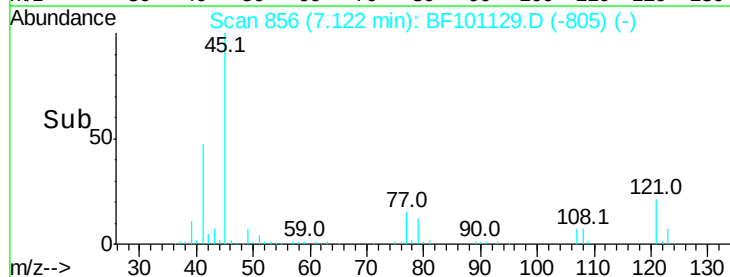
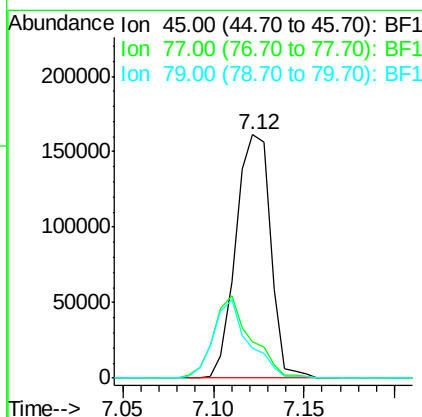
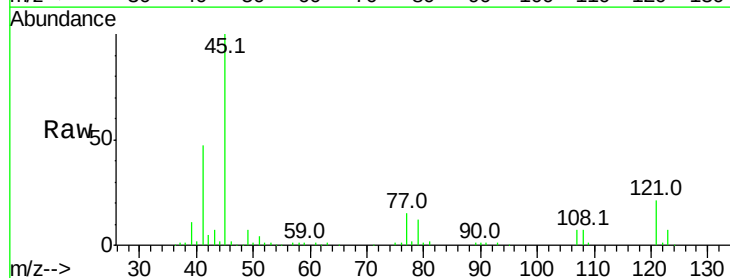
Instrument :
BNA_F
ClientSampleId :

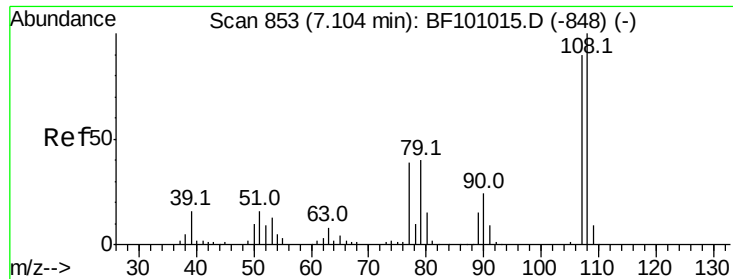
Tot Ion: 79 Resp: 125085
Ion Ratio Lower Upper
79 100
108 78.5 65.1 97.7
77 61.7 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 53.747 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Tgt Ion: 45 Resp: 214889
Ion Ratio Lower Upper
45 100
77 14.9 0.0 32.9
79 12.2 0.0 29.6

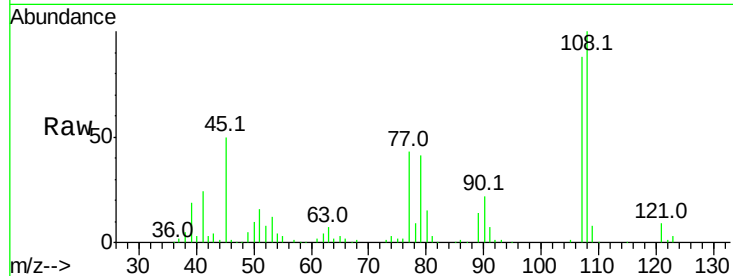




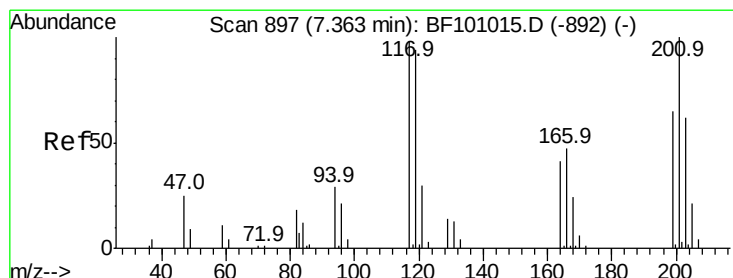
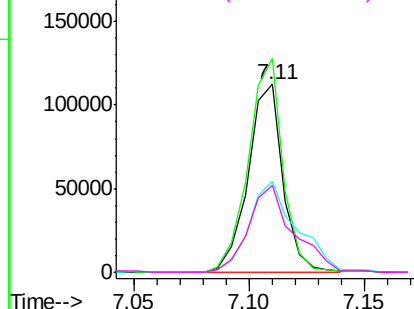
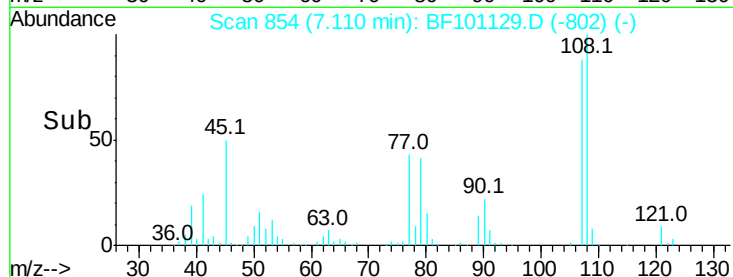
#17
2-Methylphenol
Concen: 46.451 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 118793
Ion Ratio Lower Upper
107 100
108 113.6 91.7 137.5
77 48.6 33.8 50.8
79 46.1 33.8 50.8

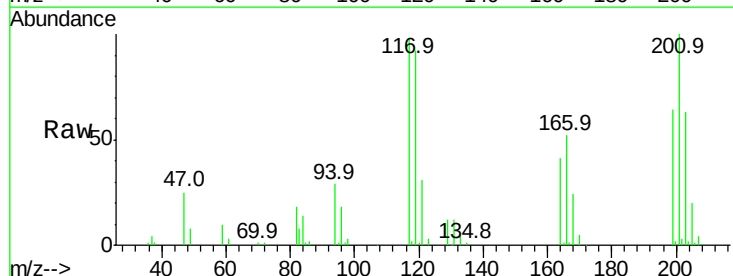


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

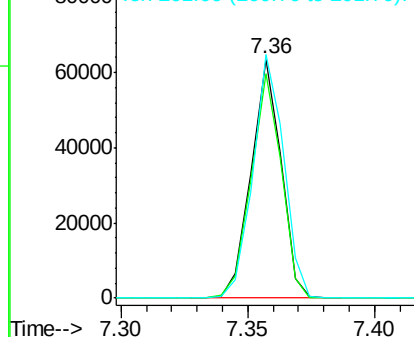
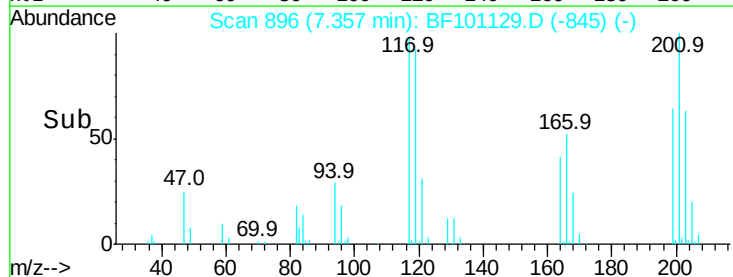


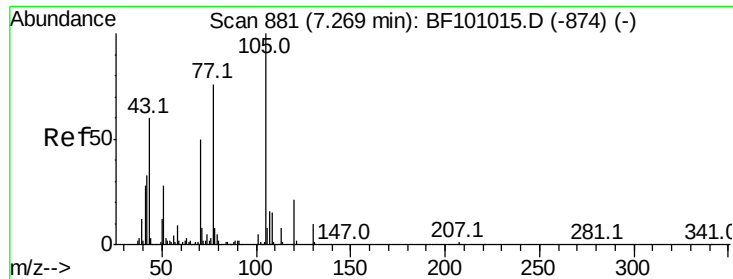
#18
Hexachloroethane
Concen: 42.635 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Tgt Ion:117 Resp: 52299
Ion Ratio Lower Upper
117 100
119 94.1 75.8 113.8
201 102.0 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

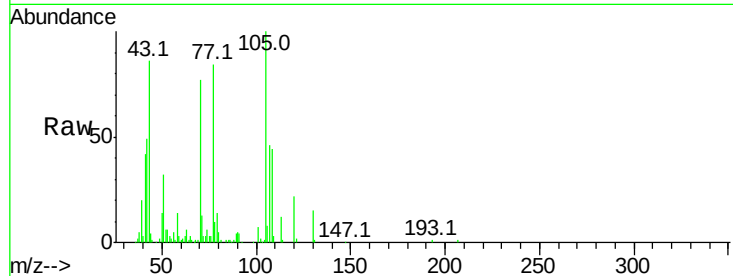




#19
n-Nitroso-di-n-propylamine
Concen: 43.134 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.2	47.5	71.3
101	8.7	7.4	11.2
130	20.1	16.6	25.0



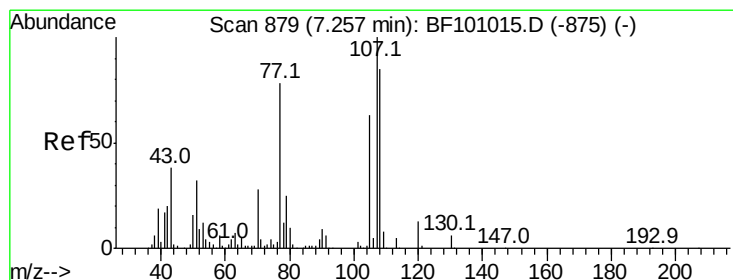
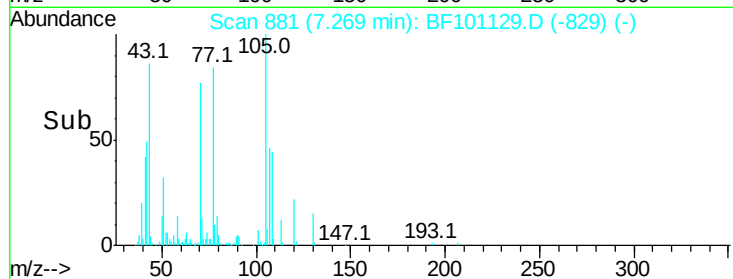
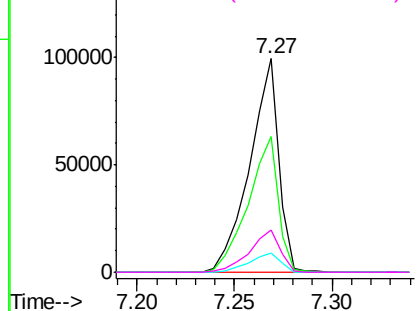
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 45.554 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.1	68.2	108.2
77	115.0	26.7	66.7#
79	30.2	6.3	46.3

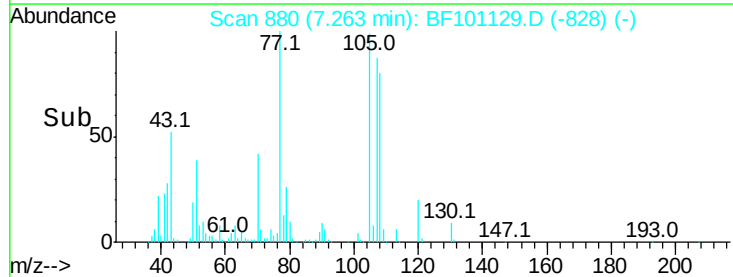
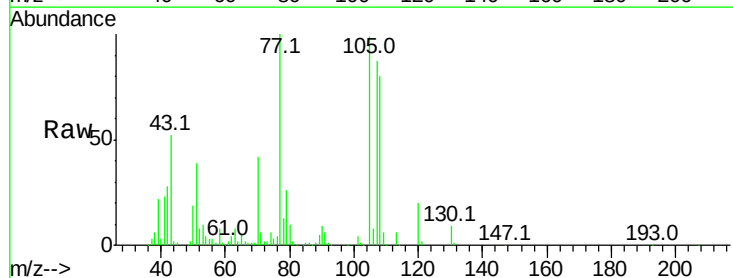
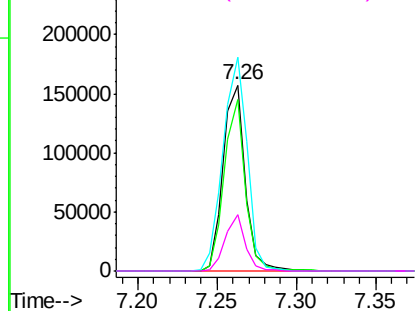
Abundance

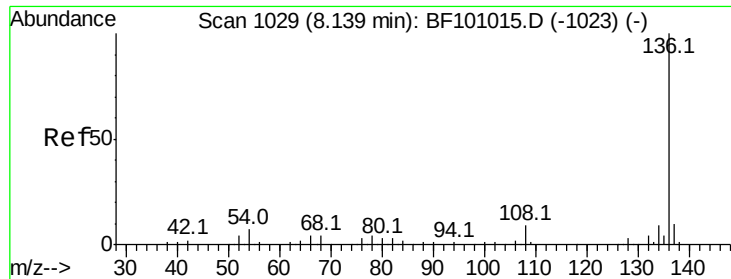
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

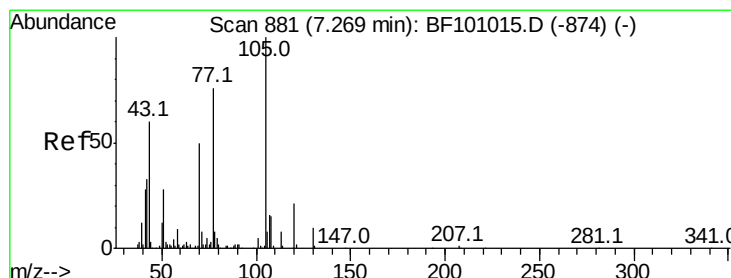
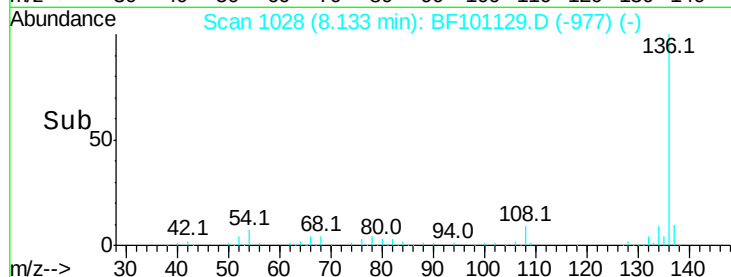
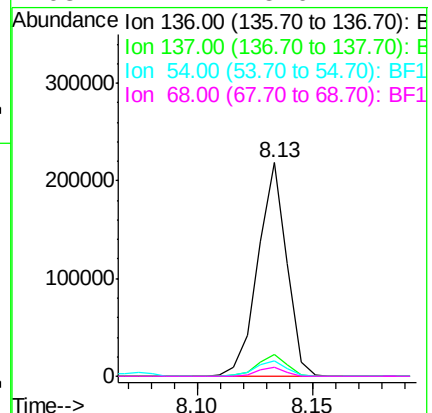
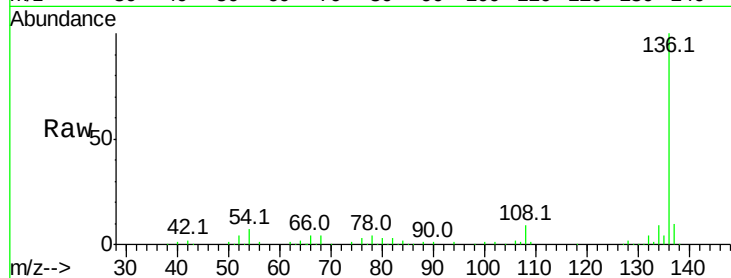




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

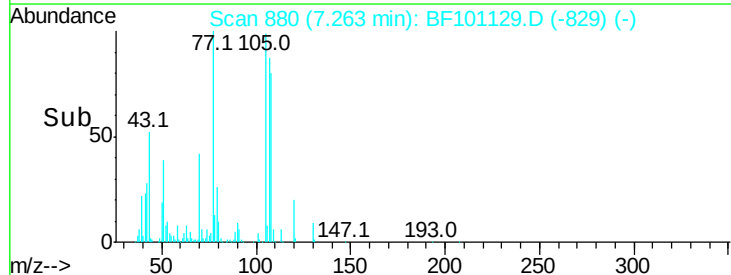
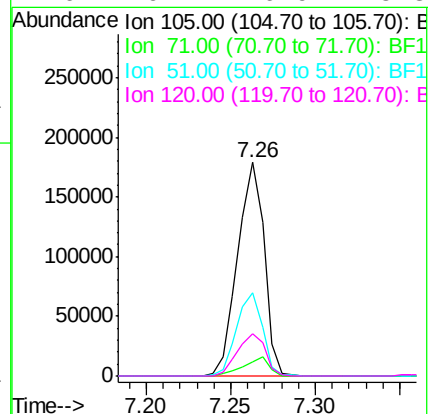
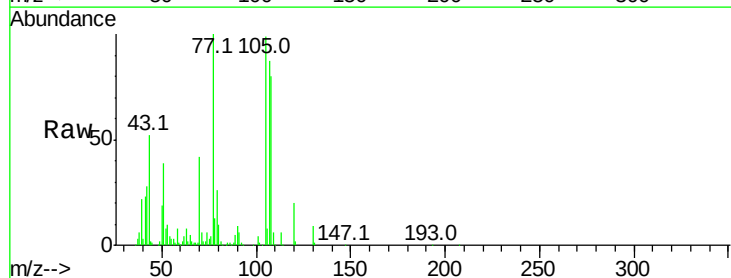
Instrument :
BNA_F
ClientSampleId :

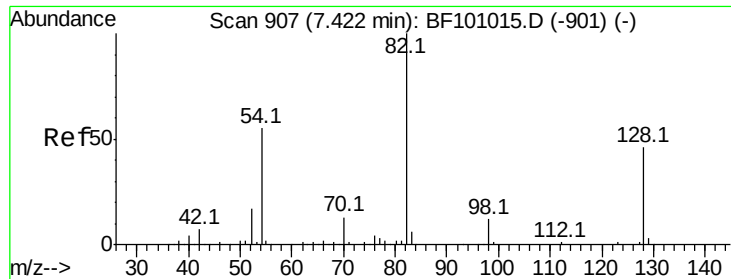
Tot Ion:136	Resp: 190016
Ion Ratio	Lower Upper
136 100	
137 10.4	8.9 13.3
54 7.2	6.6 9.8
68 4.4	5.0 7.4#



#22
Acetophenone
Concen: 42.895 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Tgt	Ion:105	Resp:	196918
Ion	Ratio	Lower	Upper
105	100		
71	6.5	4.4	6.6
51	39.0	22.3	33.5#
120	20.1	16.9	25.3

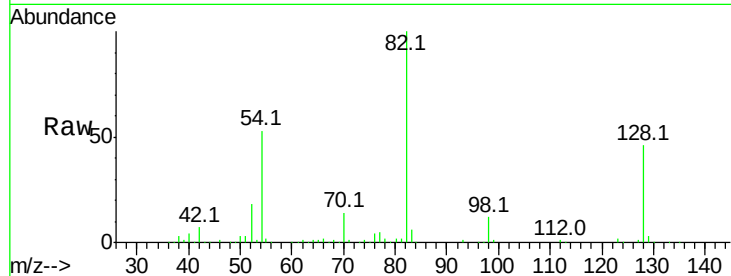




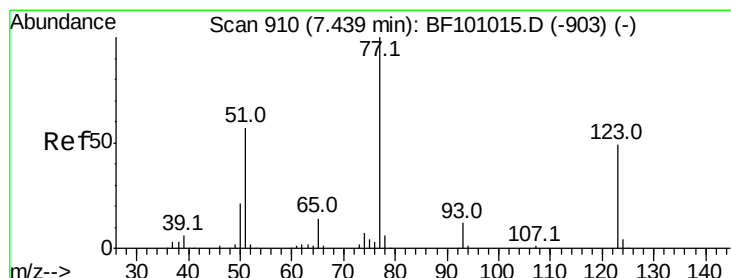
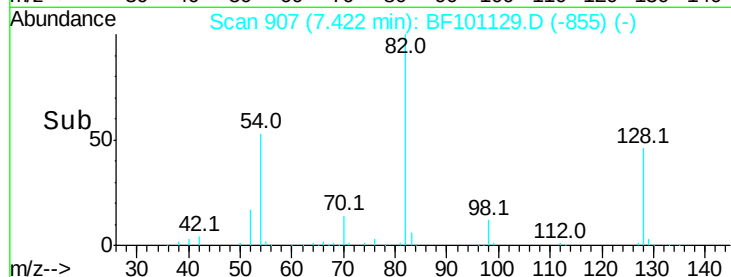
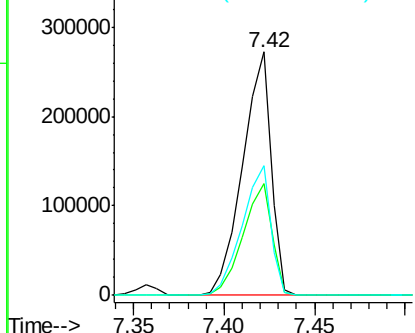
#23
Nitrobenzene-d5
Concen: 93.572 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	53.3	41.4	62.2

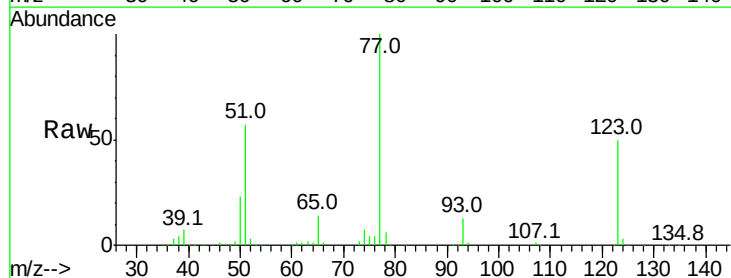


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

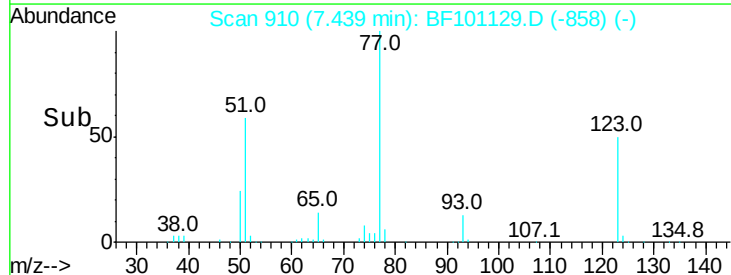
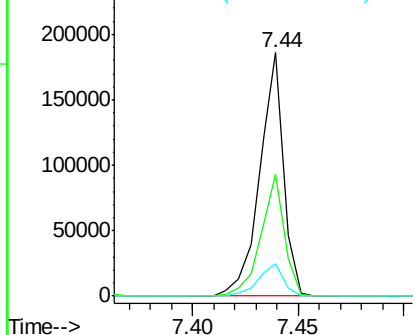


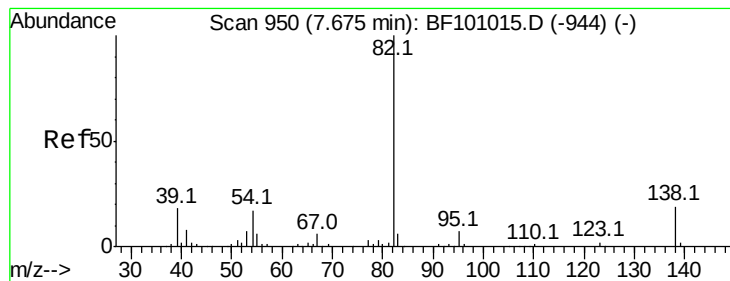
#24
Nitrobenzene
Concen: 46.940 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	37.9	56.9
65	13.5	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 49.580 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

Instrument :

BNA_F

ClientSampleId :

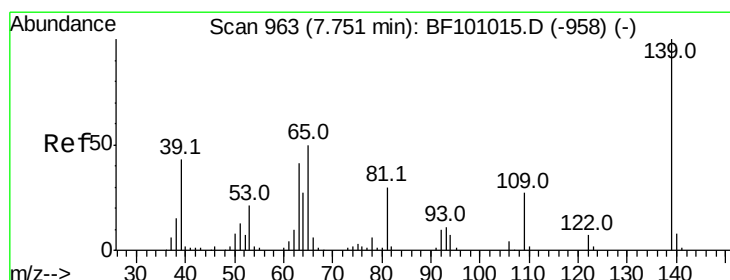
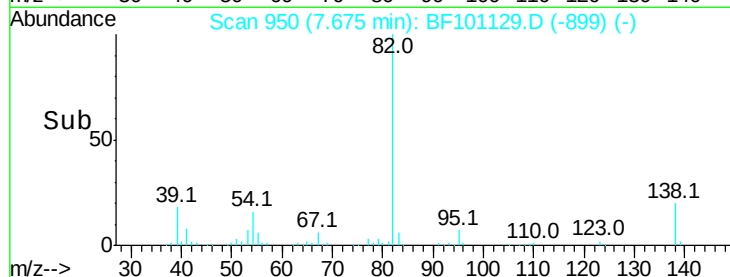
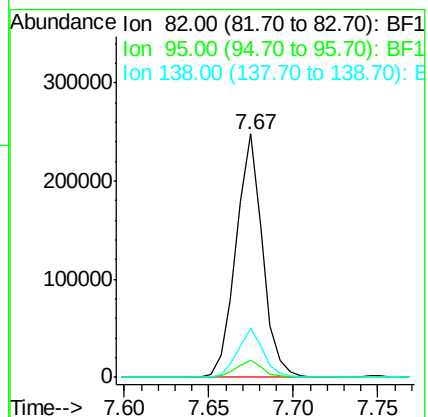
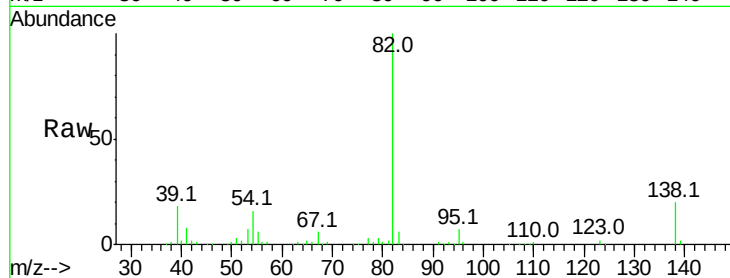
Tot Ion: 82 Resp: 269764

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 19.9 14.9 22.3



#26

2-Nitrophenol

Concen: 44.329 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

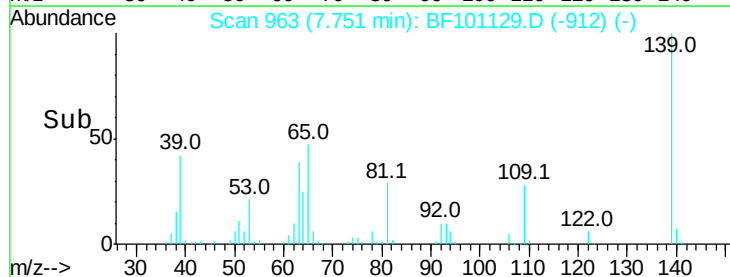
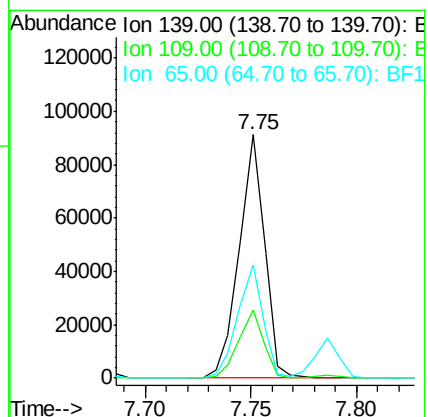
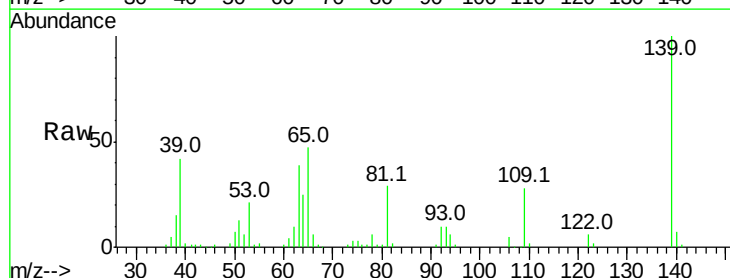
Tgt Ion: 139 Resp: 75970

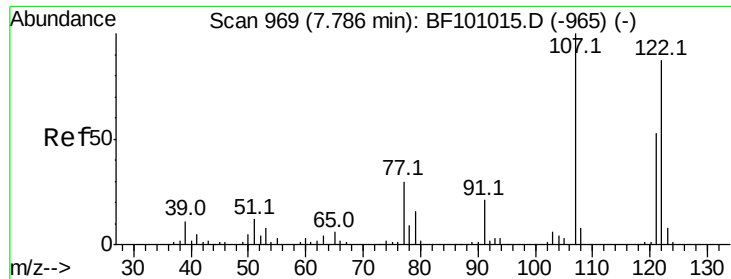
Ion Ratio Lower Upper

139 100

109 28.2 22.7 34.1

65 46.6 40.5 60.7

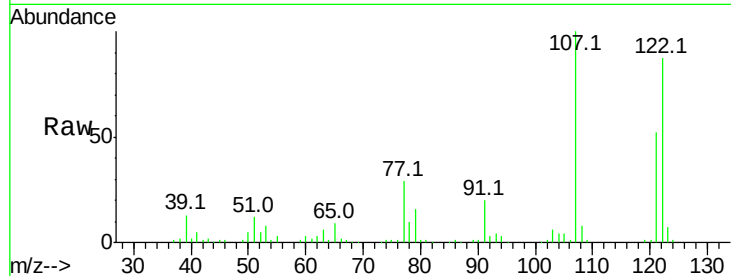




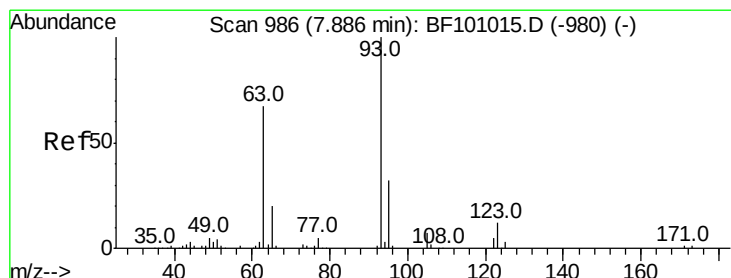
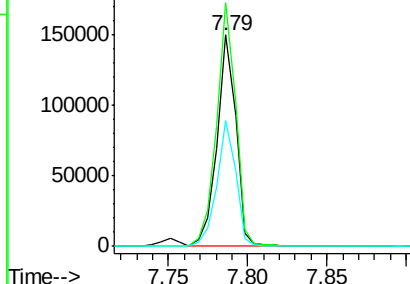
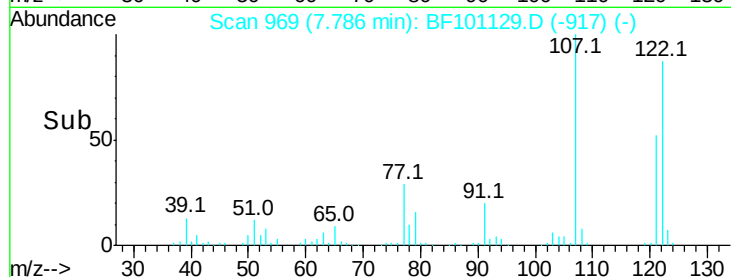
#27
 2,4-Dimethylphenol
 Concen: 50.296 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 124691
 Ion Ratio Lower Upper
 122 100
 107 115.2 91.2 136.8
 121 59.4 47.2 70.8

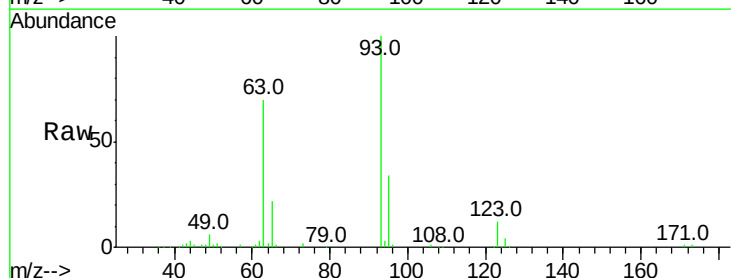


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

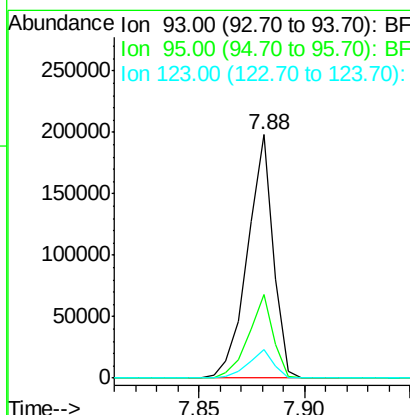
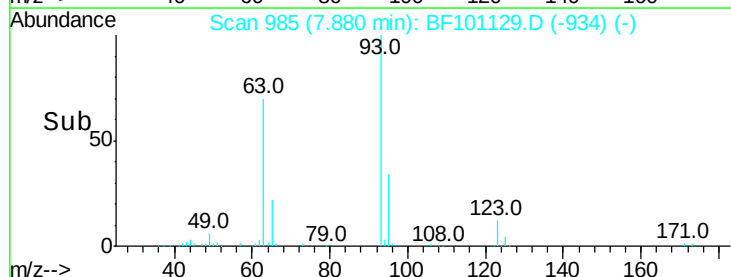


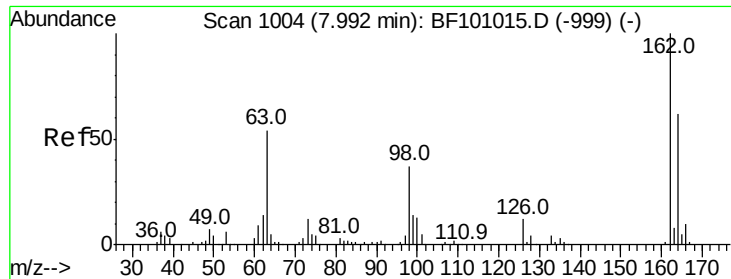
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.815 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

Tgt Ion: 93 Resp: 167540
 Ion Ratio Lower Upper
 93 100
 95 34.3 26.3 39.5
 123 11.7 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

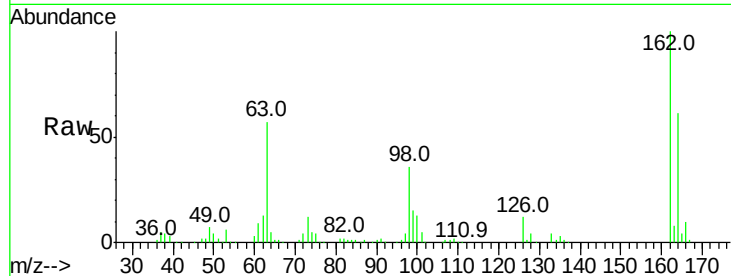




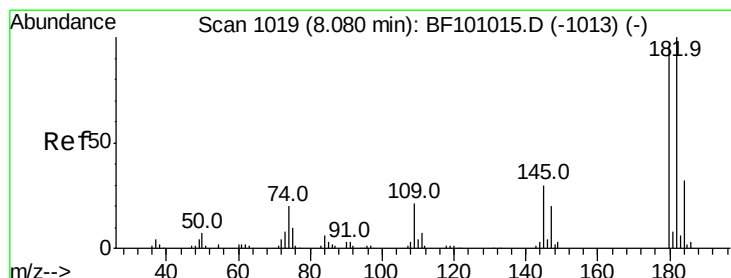
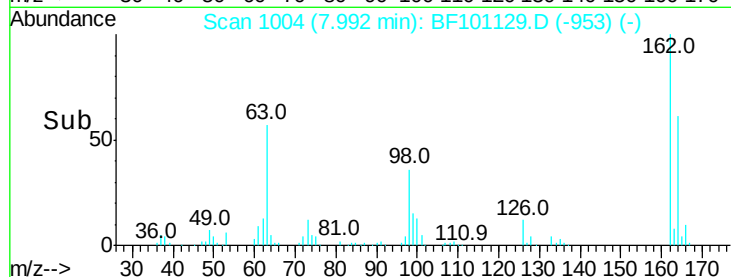
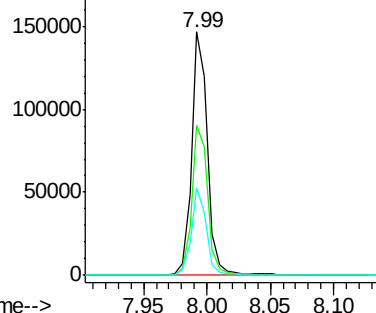
#29
 2,4-Dichlorophenol
 Concen: 47.837 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.5	42.7	82.7
98	35.9	18.1	58.1

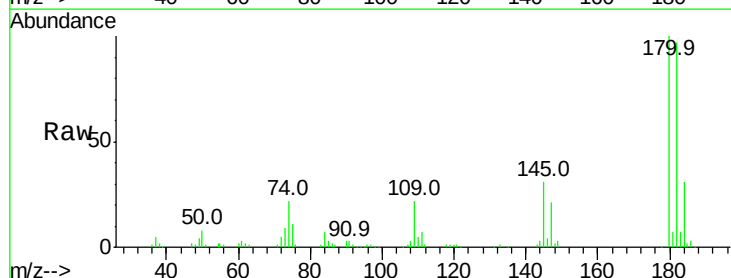


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

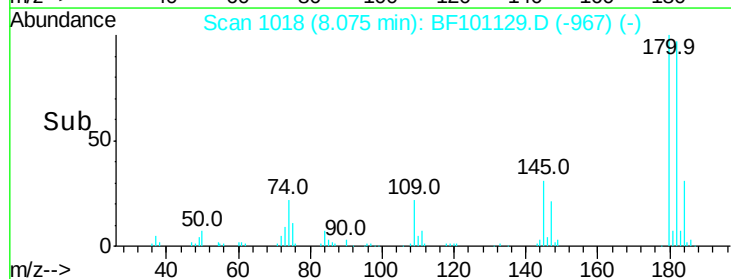
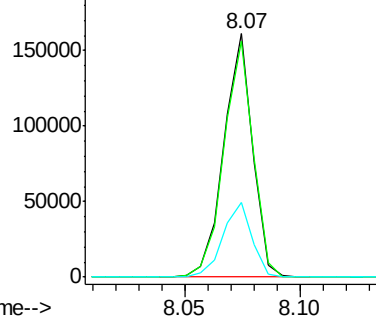


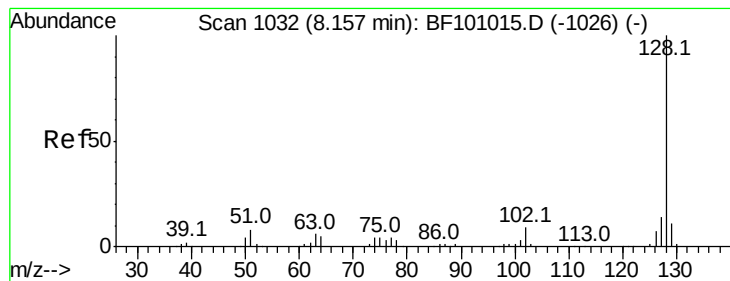
#30
 1,2,4-Trichlorobenzene
 Concen: 47.282 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.8	115.2
145	30.7	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

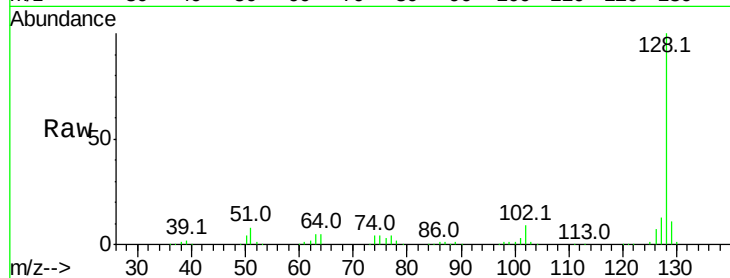




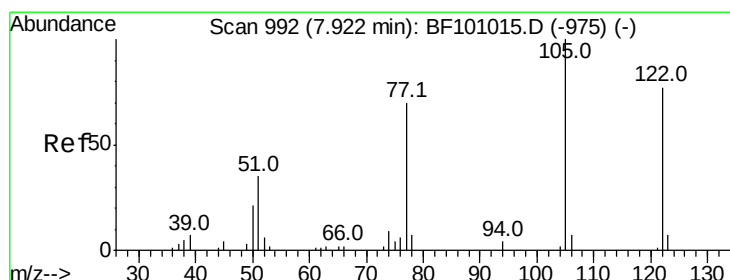
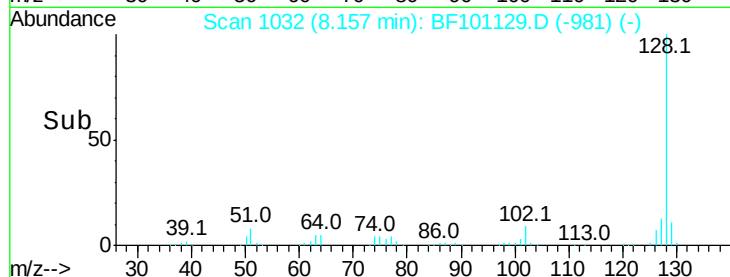
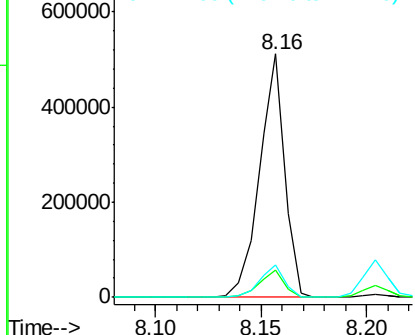
#31
Naphthalene
Concen: 45.161 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 422928
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.9 16.3

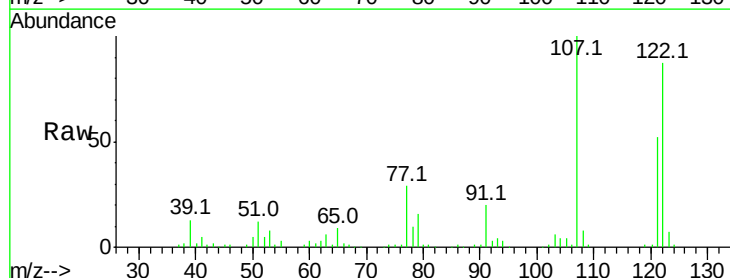


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

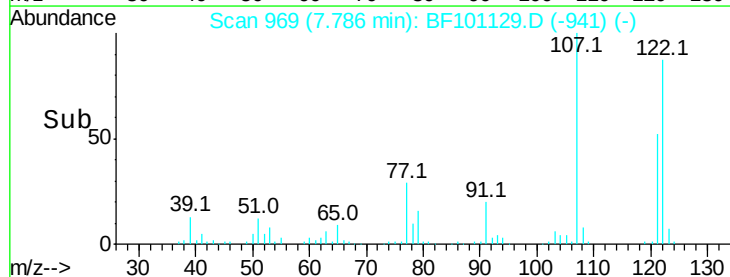
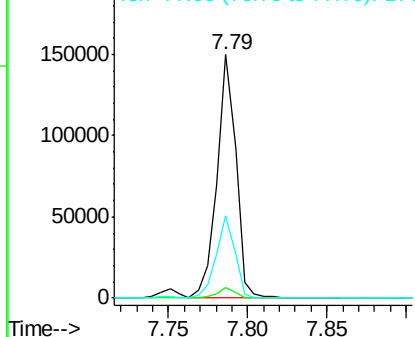


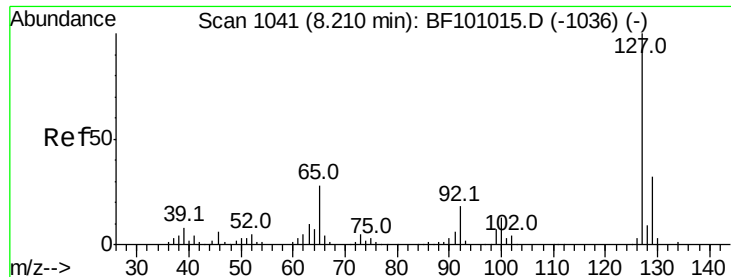
#32
Benzoic acid
Concen: 64.668 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.14 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Tgt Ion:122 Resp: 124691
Ion Ratio Lower Upper
122 100
105 4.2 101.1 141.1#
77 33.6 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

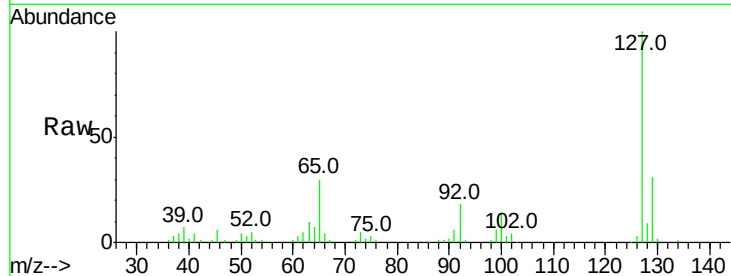




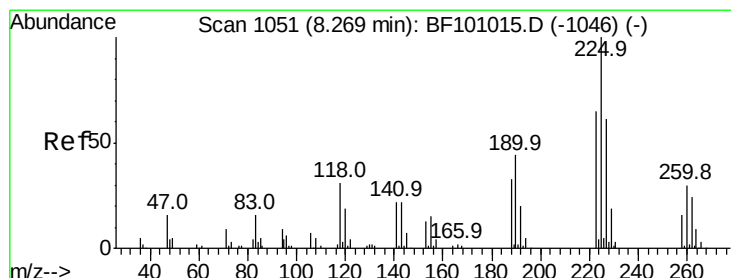
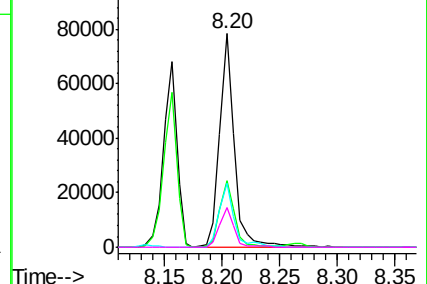
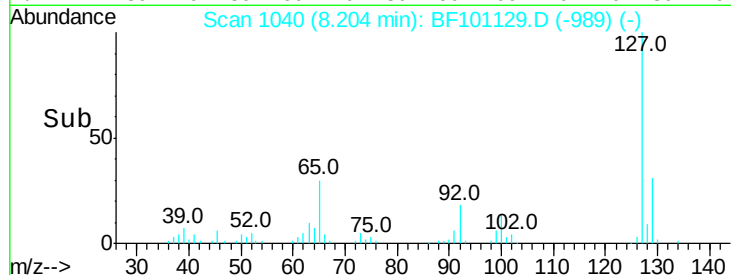
#33
4-Chloroaniline
Concen: 18.542 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	69770
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.9	38.9
65	29.9	25.0	37.4
92	18.5	15.2	22.8

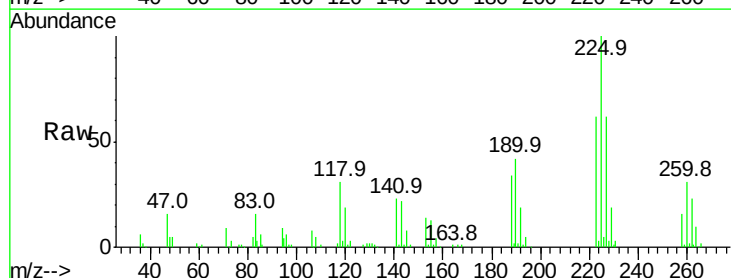


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

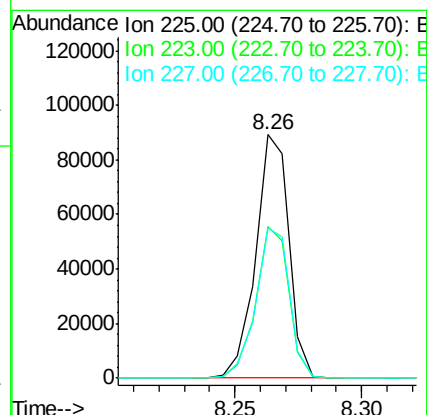
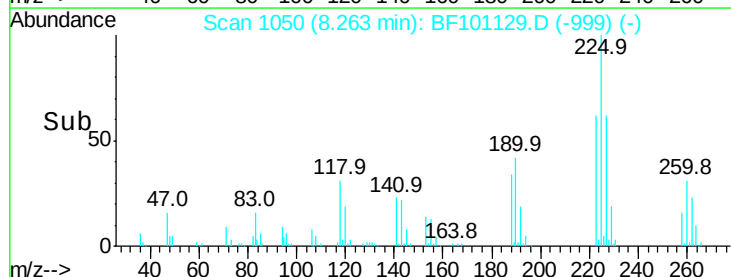


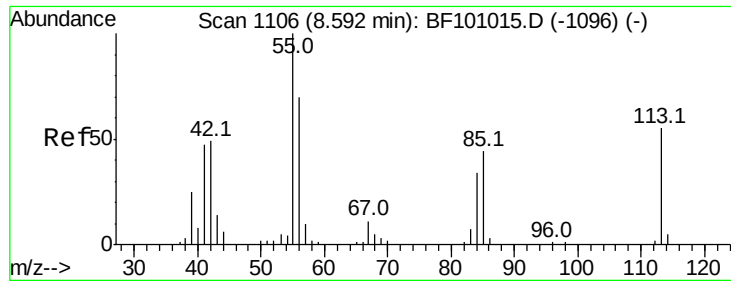
#34
Hexachlorobutadiene
Concen: 44.538 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Tgt Ion:	225	Resp:	81055
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	61.9	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.372 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

Instrument :

BNA_F

ClientSampleId :

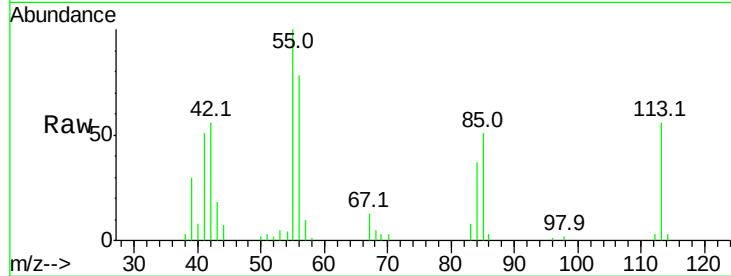
Tot Ion:113 Resp: 21337

Ion Ratio Lower Upper

113 100

55 179.6 163.3 203.3

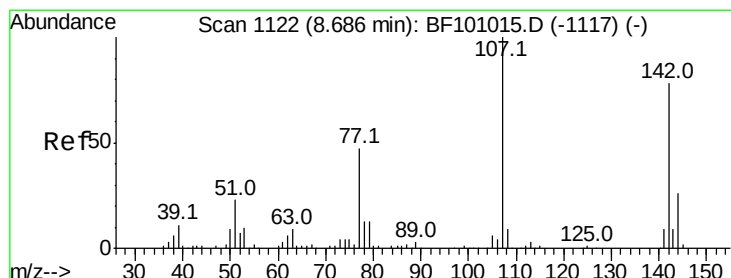
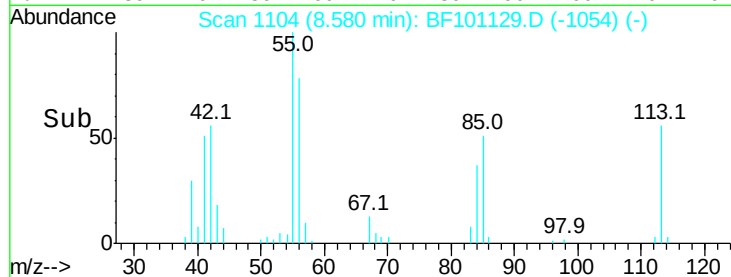
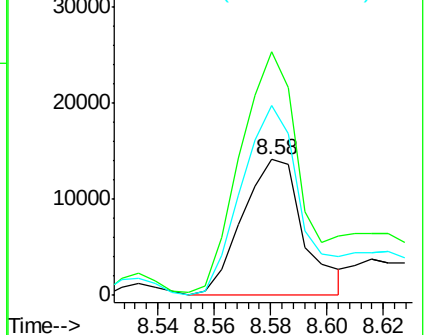
56 140.4 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 47.129 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

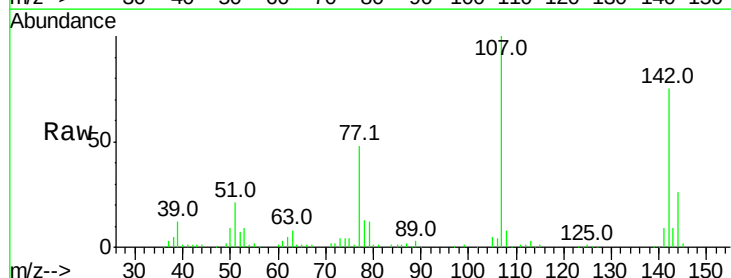
Tgt Ion:107 Resp: 131740

Ion Ratio Lower Upper

107 100

144 26.4 20.5 30.7

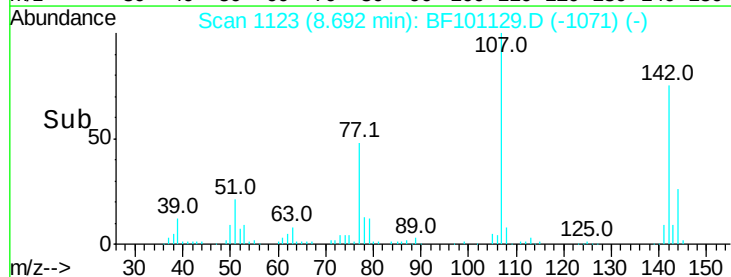
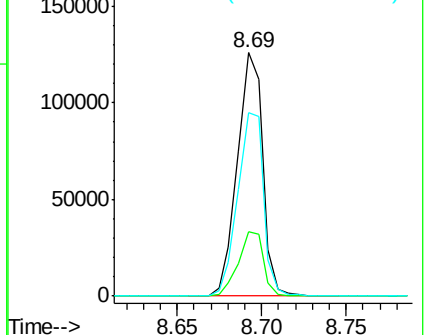
142 75.3 62.0 93.0

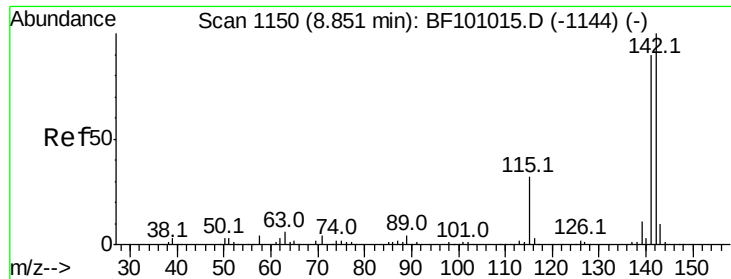


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

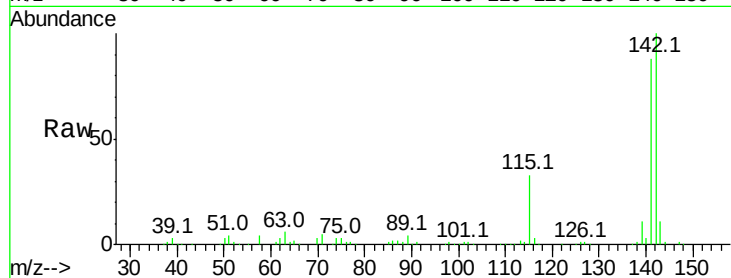




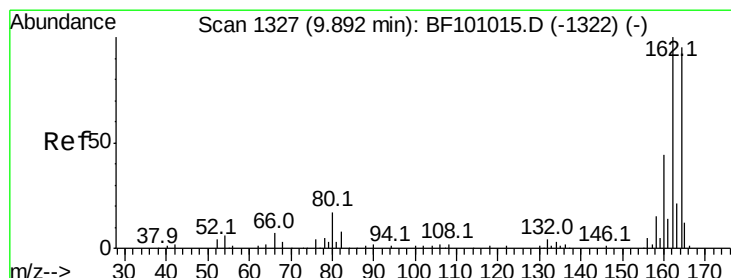
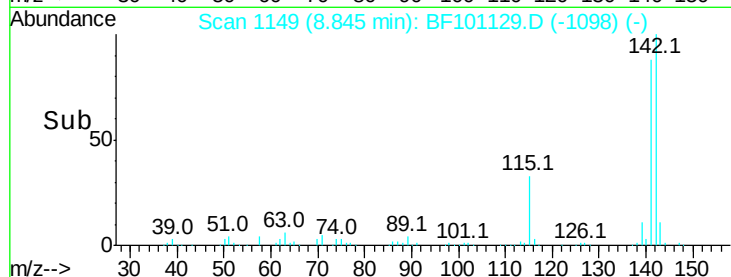
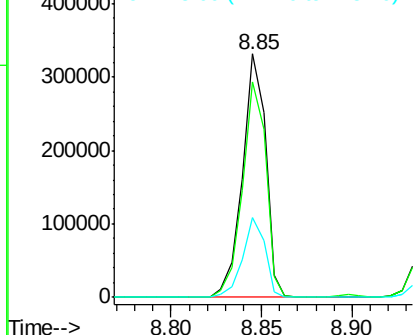
#37
2-Methylnaphthalene
Concen: 46.419 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 295378
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2
115 32.6 26.1 39.1

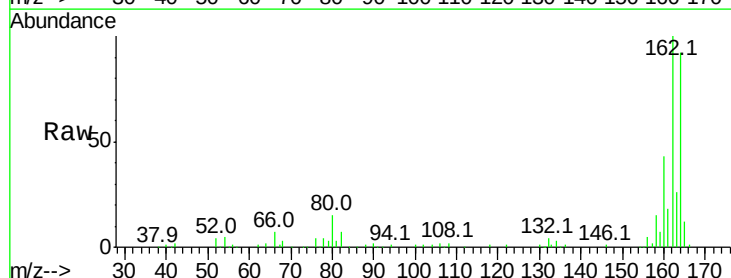


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

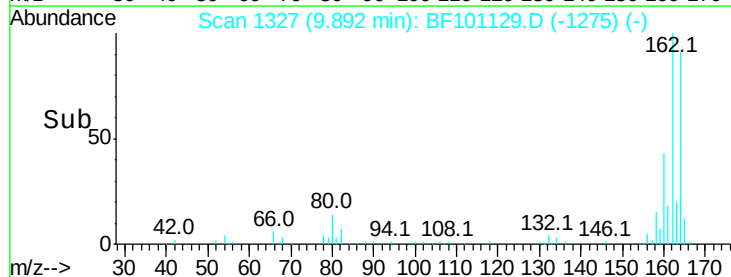
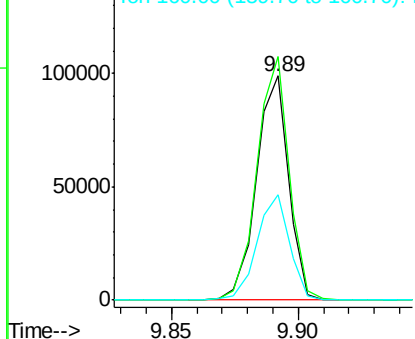


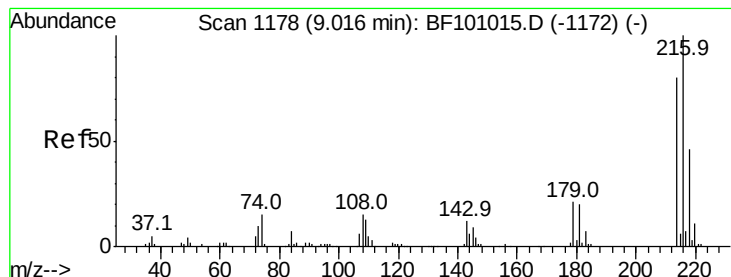
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Tgt Ion:164 Resp: 87682
Ion Ratio Lower Upper
164 100
162 108.6 86.1 129.1
160 46.7 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.458 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF101129.D

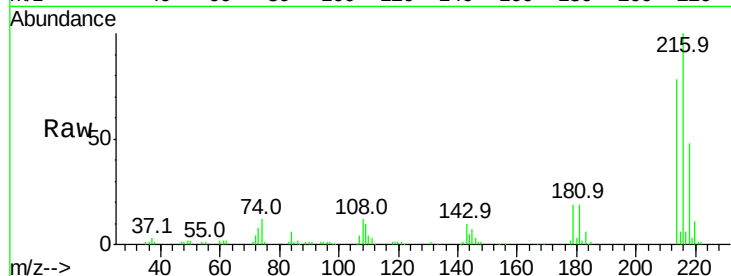
Acq: 5 Dec 2017 17:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	135243
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.4
179	20.8	18.1	27.1
108	15.1	17.2	25.8#

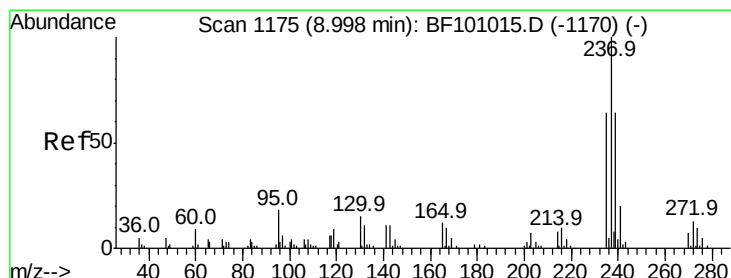
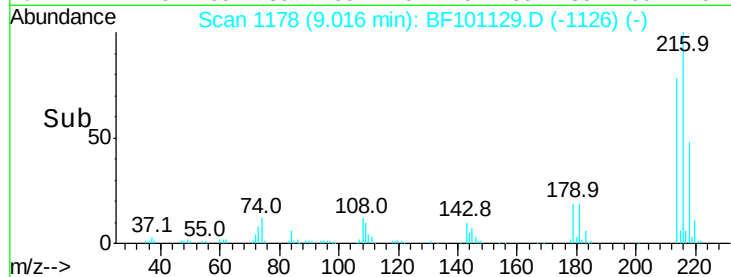
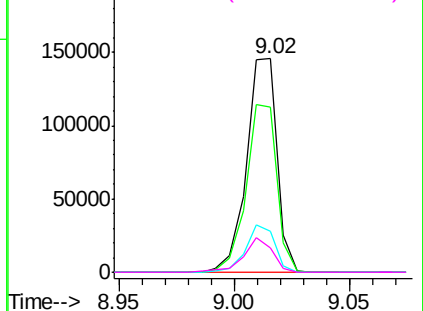


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 26.007 ng

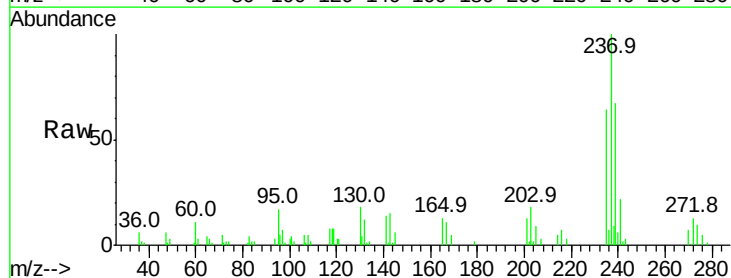
RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

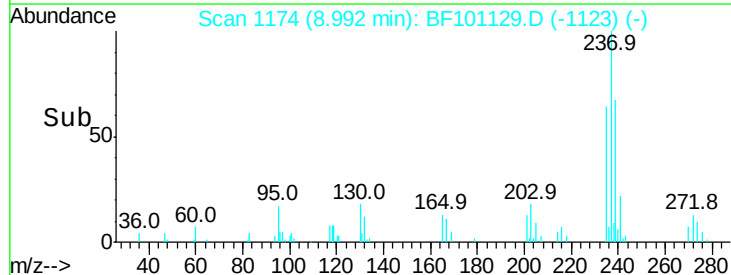
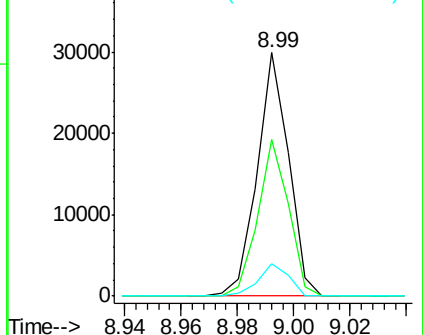
Tgt Ion:	237	Resp:	23062
Ion Ratio	Lower	Upper	
237	100		
235	64.2	44.8	84.8
272	13.2	0.0	33.3

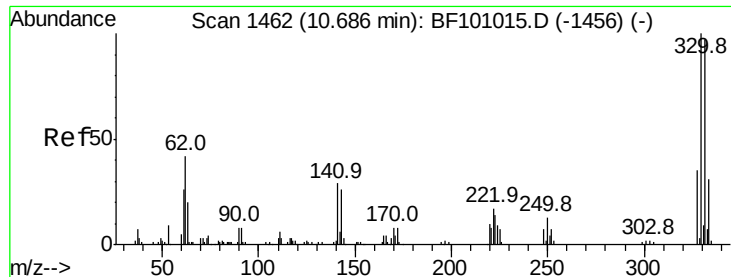


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

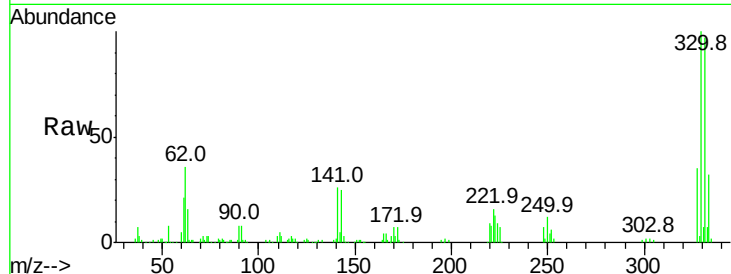




#41
 2,4,6-Tribromophenol
 Concen: 120.112 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	30.9	29.9	44.9

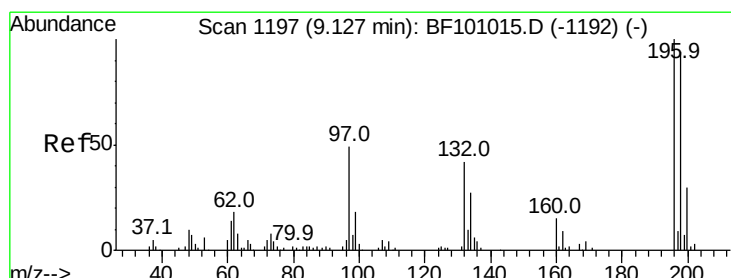
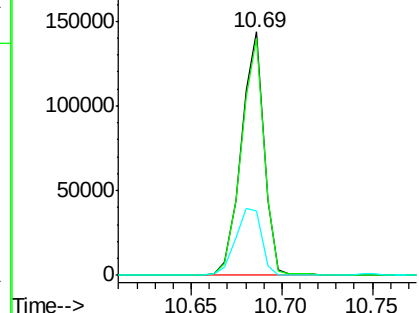
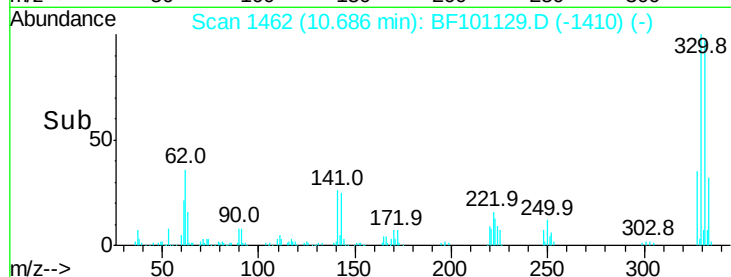


Abundance

Ion 329.80 (329.50 to 330.50): E

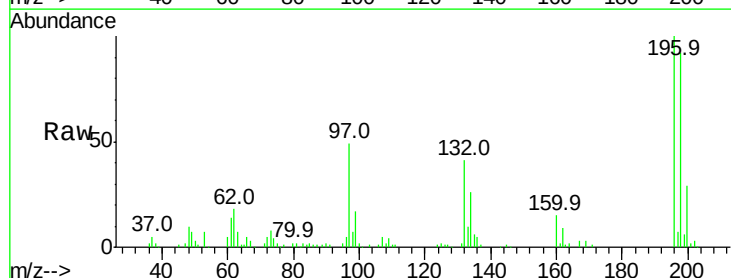
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 50.188 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.7	75.7	113.5
200	28.9	24.5	36.7

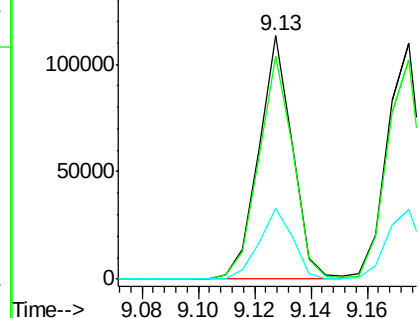
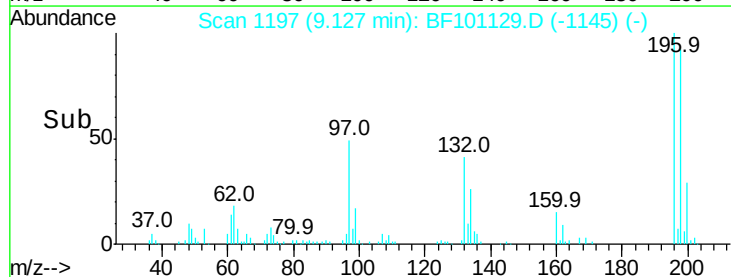


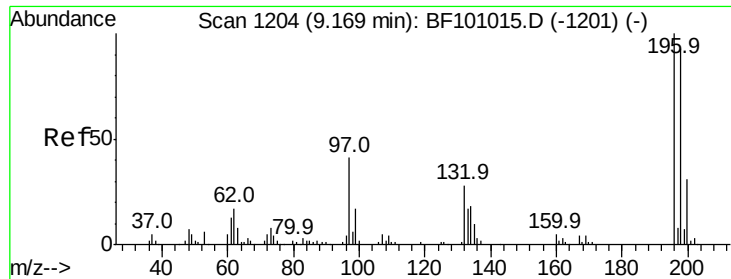
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

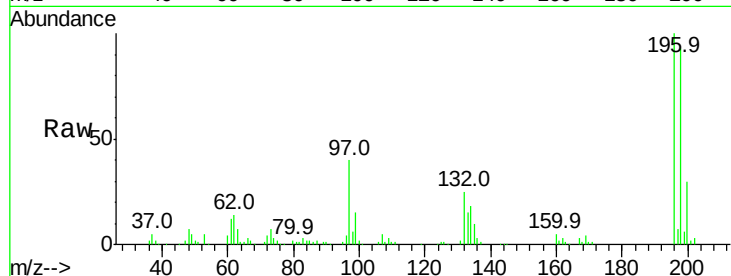




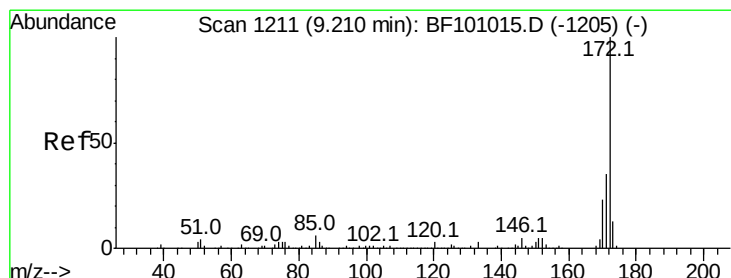
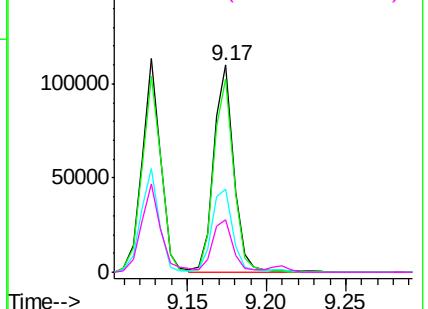
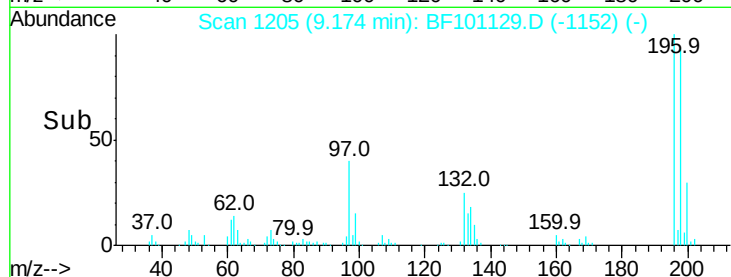
#43
 2,4,5-Trichlorophenol
 Concen: 48.605 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 97028
 Ion Ratio Lower Upper
 196 100
 198 93.1 74.6 112.0
 97 40.3 42.9 64.3#
 132 25.3 26.3 39.5#

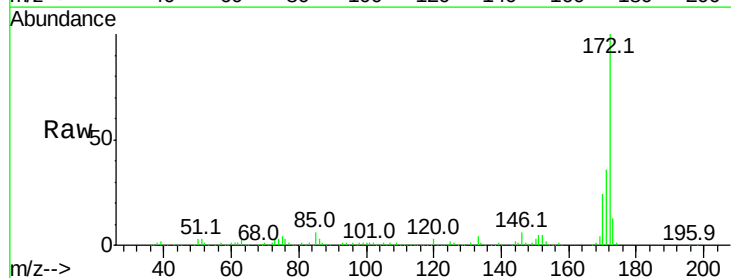


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

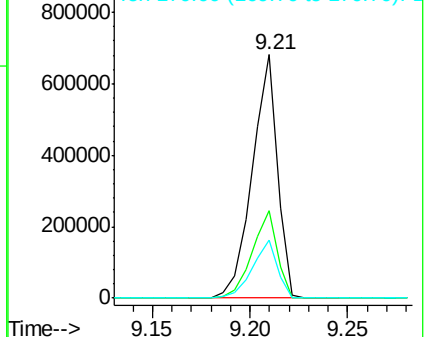
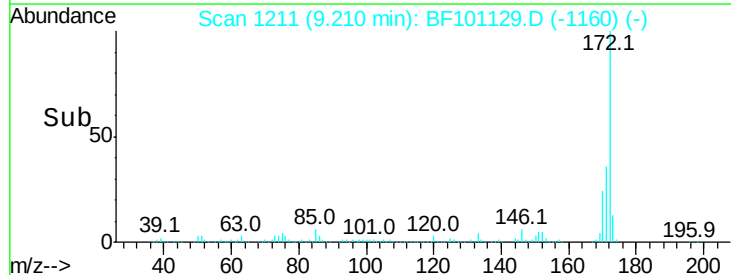


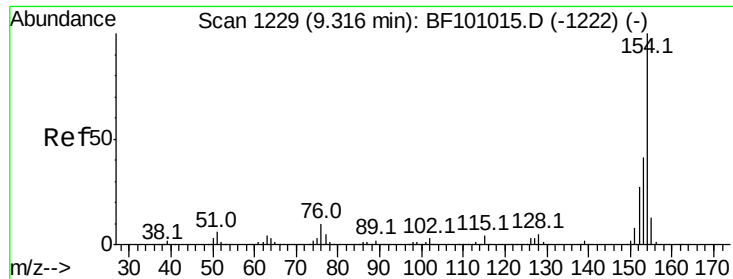
#44
 2-Fluorobiphenyl
 Concen: 94.985 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

Tgt Ion:172 Resp: 608716
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.0 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 42.325 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

Instrument :

BNA_F

ClientSampleId :

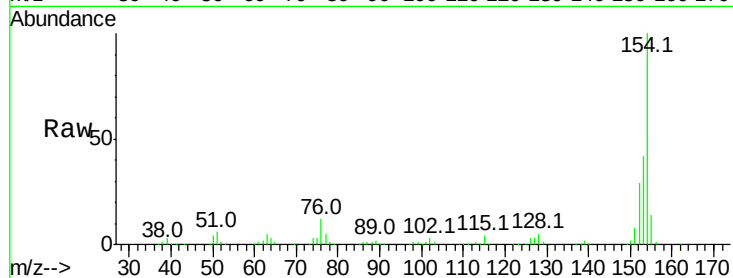
Tot Ion:154 Resp: 340013

Ion Ratio Lower Upper

154 100

153 41.8 21.3 61.3

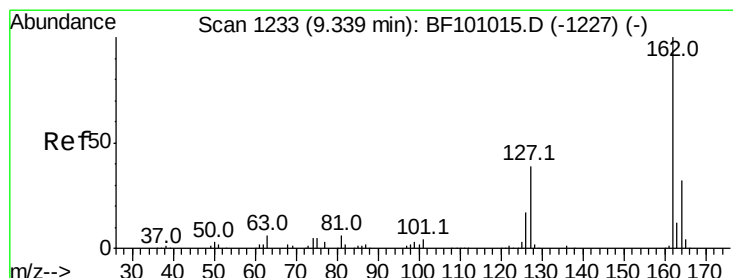
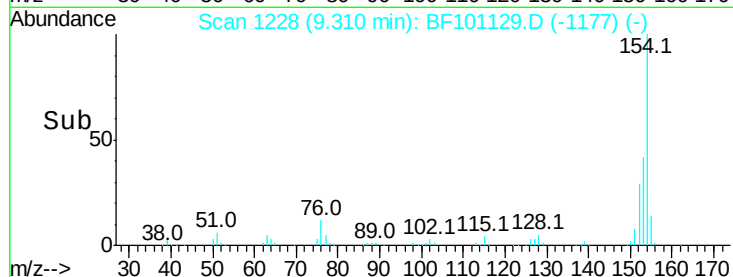
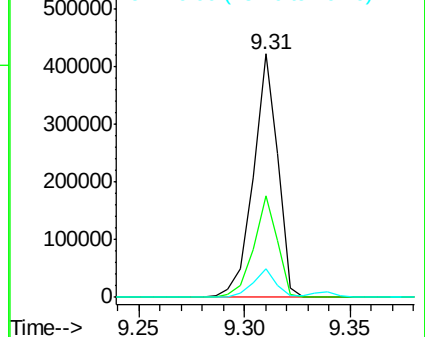
76 11.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 48.316 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

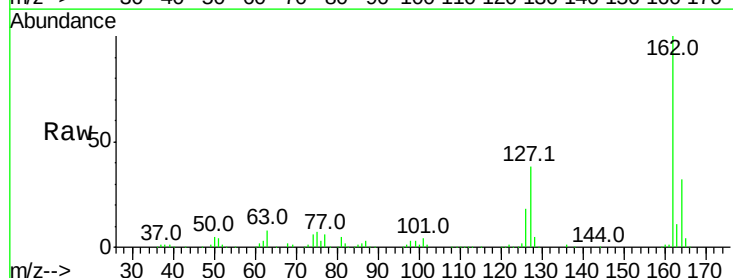
Tgt Ion:162 Resp: 275654

Ion Ratio Lower Upper

162 100

127 38.2 33.9 50.9

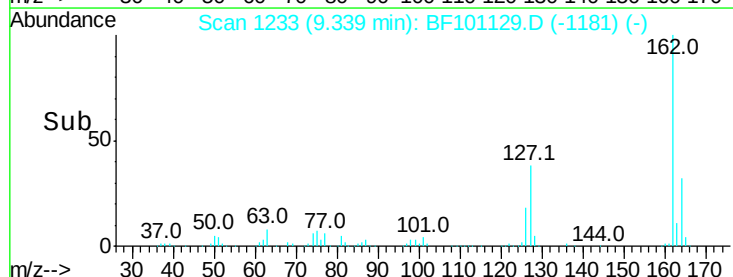
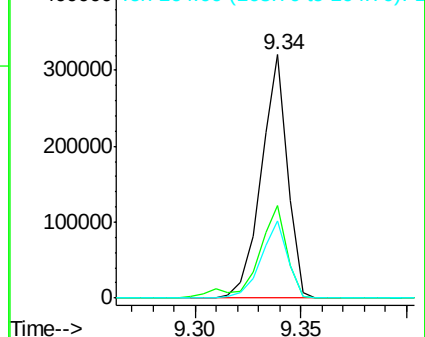
164 31.7 26.5 39.7

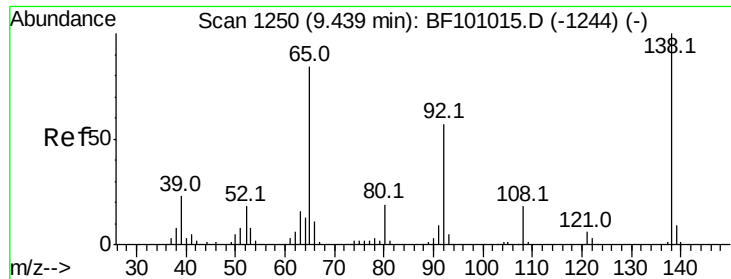


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

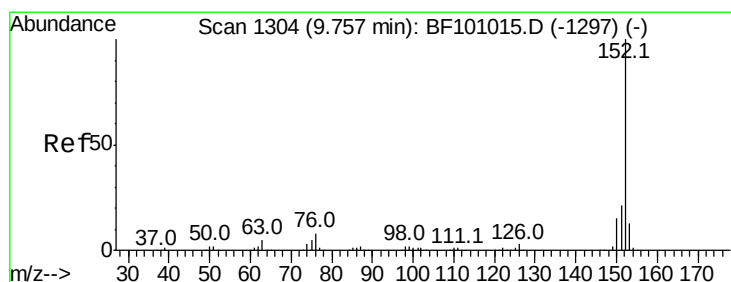
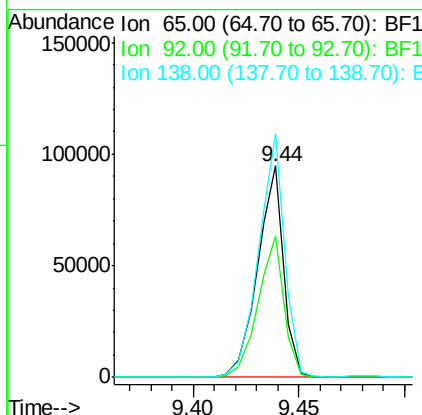
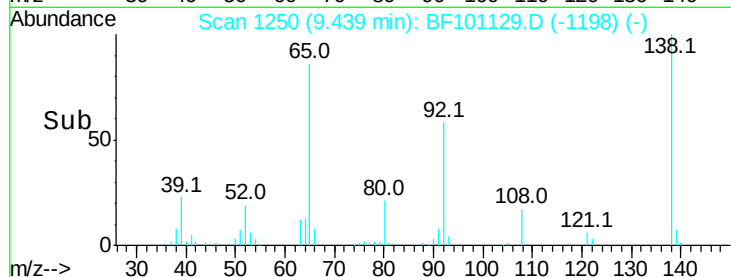
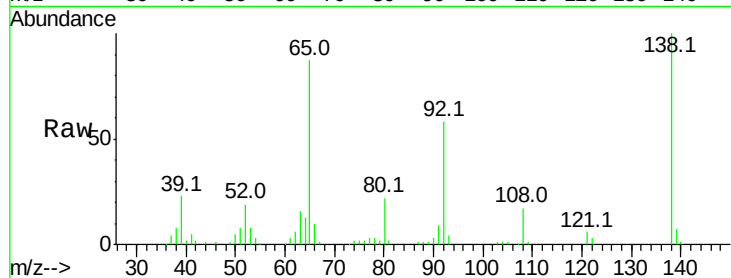




#47
2-Nitroaniline
Concen: 47.897 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

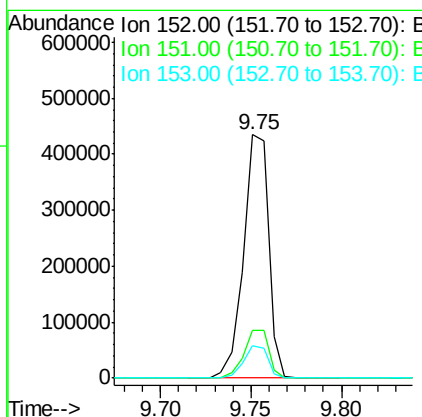
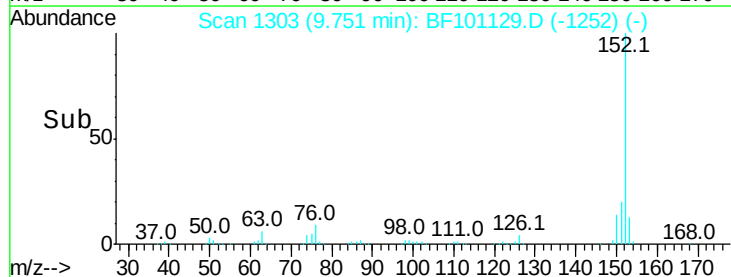
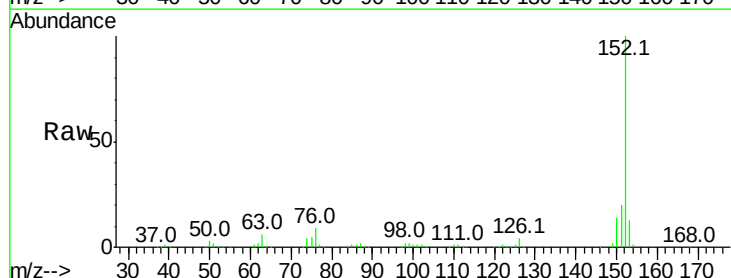
Instrument :
BNA_F
ClientSampleId :

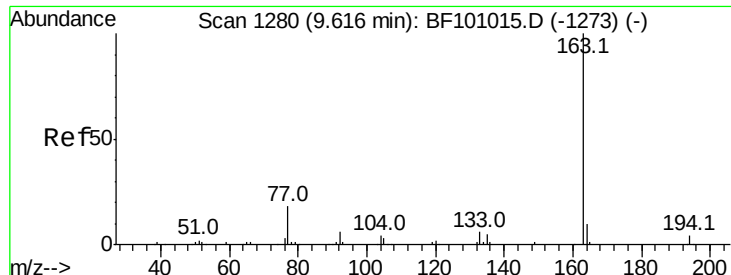
Tot Ion: 65 Resp: 80848
Ion Ratio Lower Upper
65 100
92 66.8 55.8 83.6
138 115.2 91.2 136.8



#48
Acenaphthylene
Concen: 44.643 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Tgt Ion:152 Resp: 418566
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 13.1 10.7 16.1

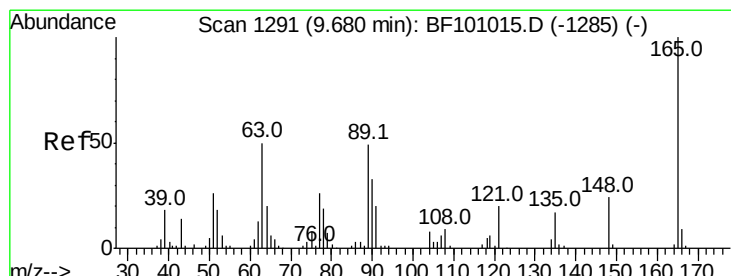
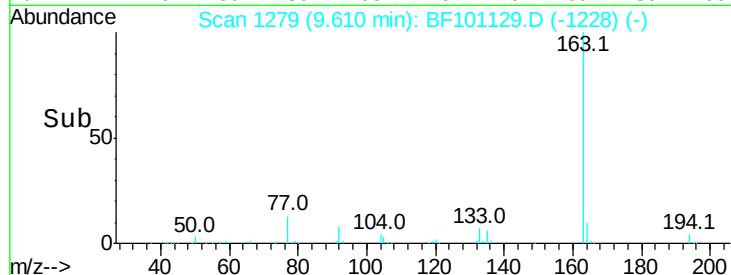
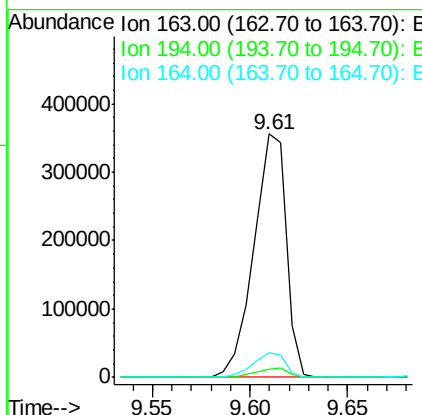
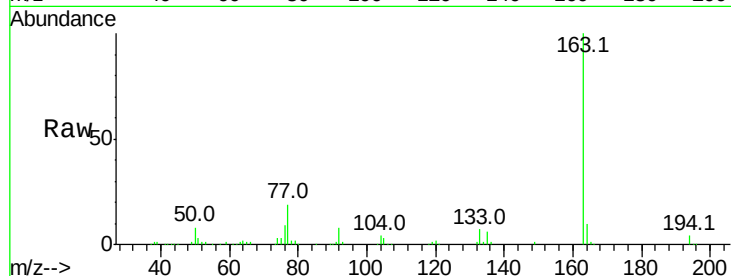




#49
Dimethylphthalate
Concen: 57.870 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

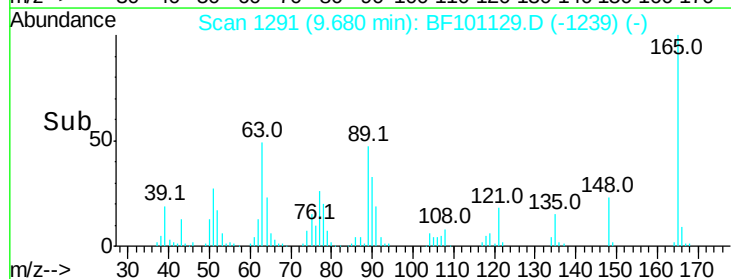
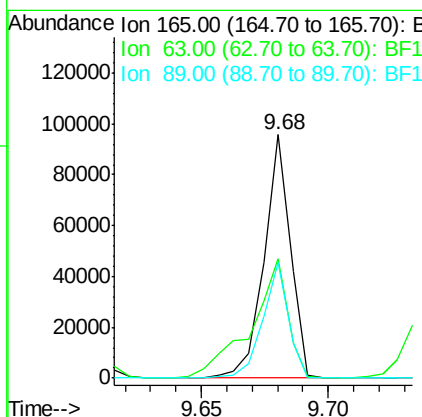
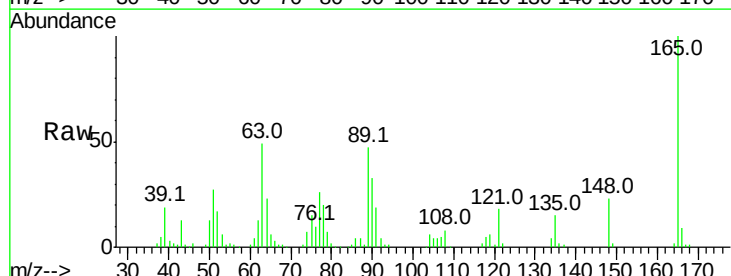
Instrument :
BNA_F
ClientSampleId :

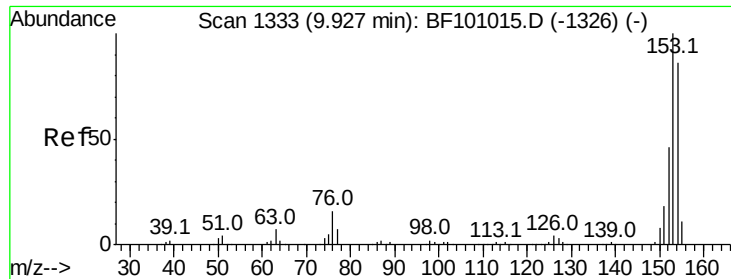
Tot Ion:163 Resp: 409216
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.3 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 46.936 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Tgt Ion:165 Resp: 69905
Ion Ratio Lower Upper
165 100
63 49.3 44.7 67.1
89 47.3 44.0 66.0





#51

Acenaphthene

Concen: 42.793 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

Instrument :

BNA_F

ClientSampleId :

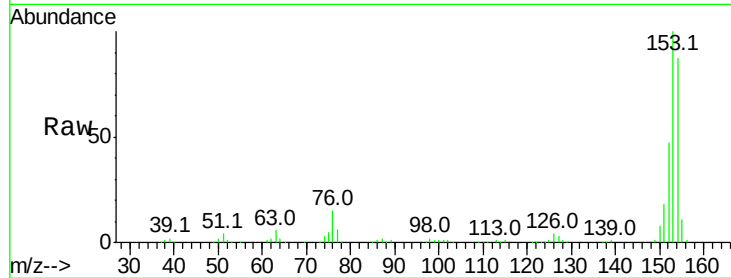
Tot Ion:154 Resp: 240251

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

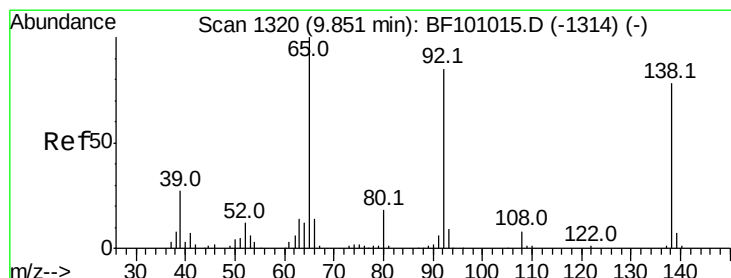
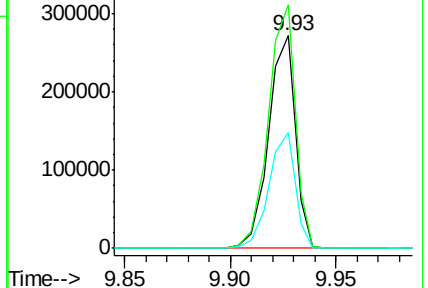
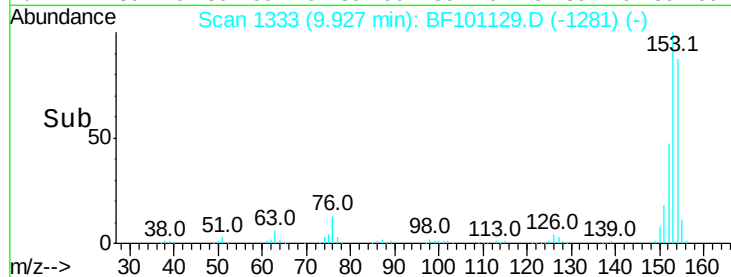
152 54.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.593 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

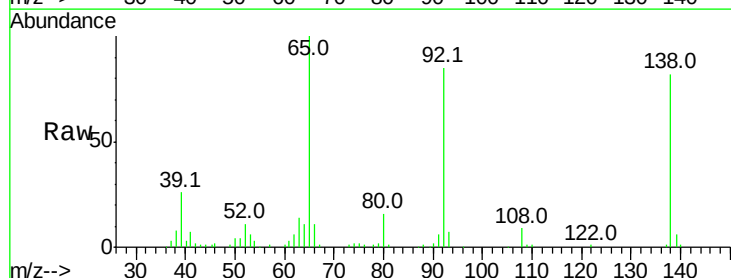
Tgt Ion:138 Resp: 59616

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

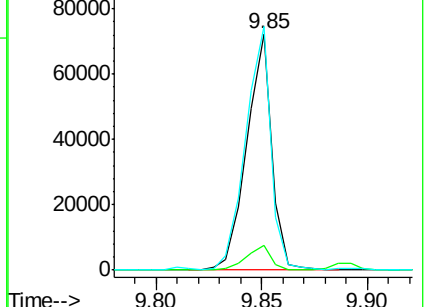
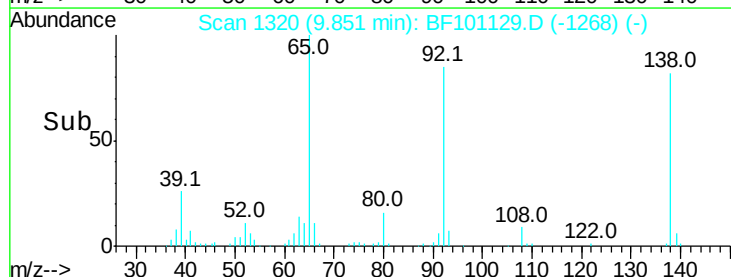
92 103.2 89.4 134.2

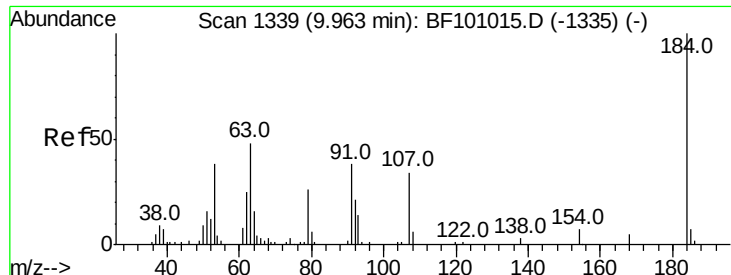


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

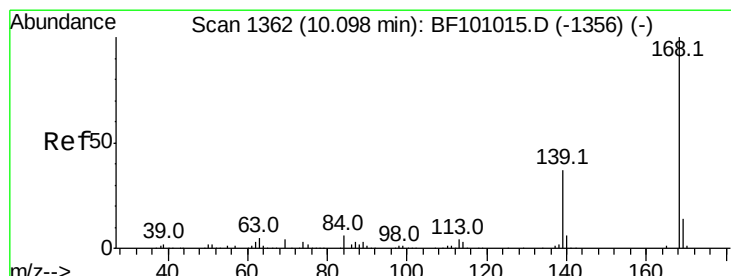
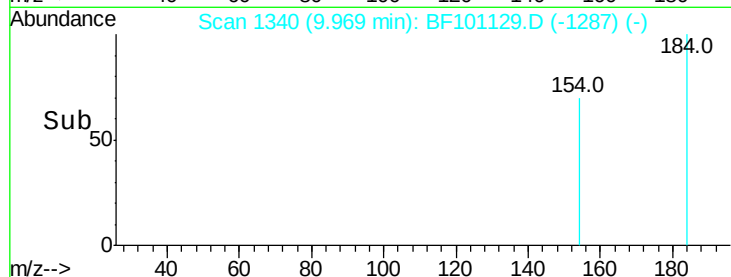
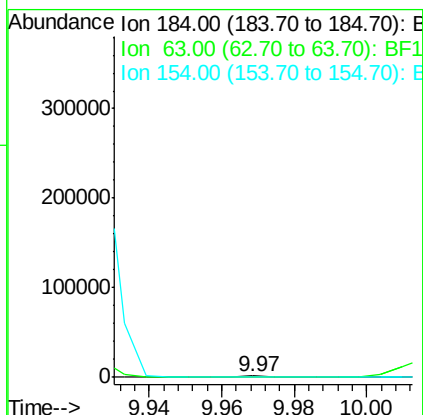
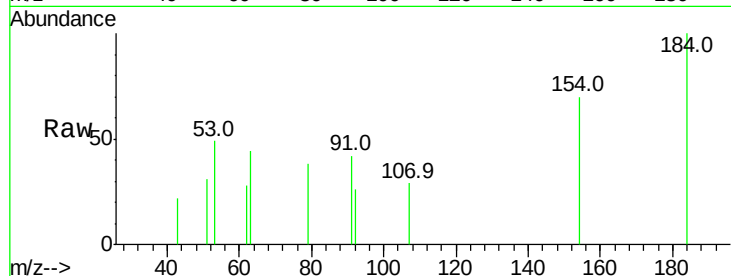




#53
 2,4-Dinitrophenol
 Concen: 6.248 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

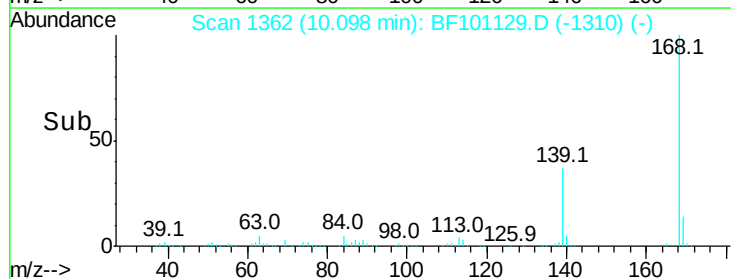
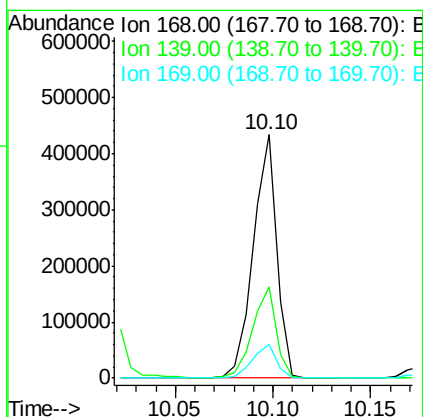
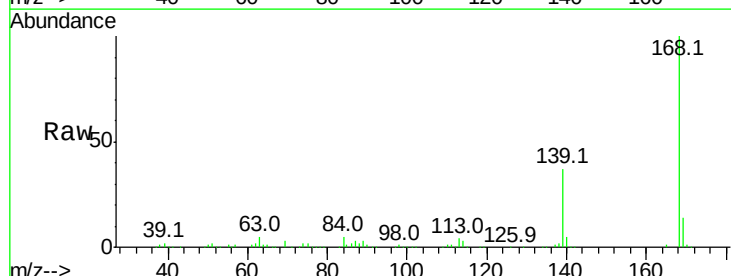
Instrument :
 BNA_F
 ClientSampled :

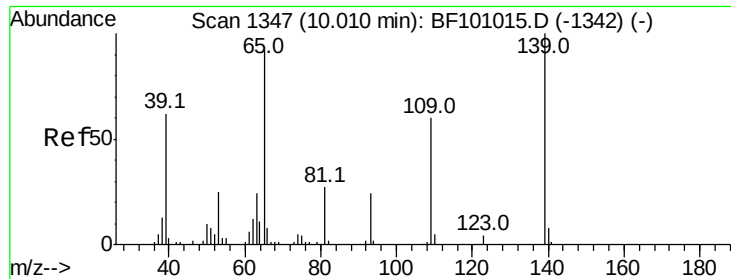
Tot Ion:184 Resp: 1158
 Ion Ratio Lower Upper
 184 100
 63 43.8 54.2 81.2#
 154 69.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 44.776 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

Tgt Ion:168 Resp: 362259
 Ion Ratio Lower Upper
 168 100
 139 37.3 30.1 45.1
 169 14.0 10.9 16.3





#55

4-Nitrophenol

Concen: 79.152 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.02 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

Instrument :

BNA_F

ClientSampleId :

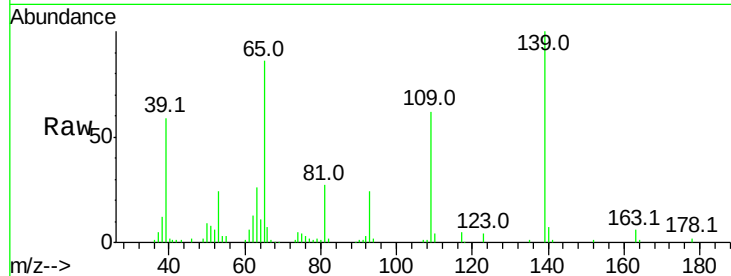
Tot Ion:139 Resp: 89407

Ion Ratio Lower Upper

139 100

109 61.6 48.4 88.4

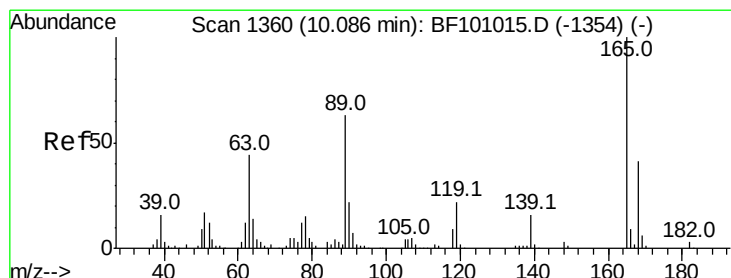
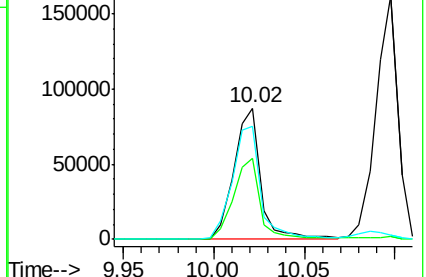
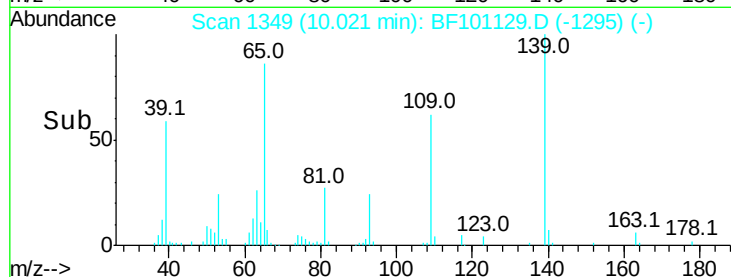
65 85.7 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 43.939 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

Tgt Ion:165 Resp: 87703

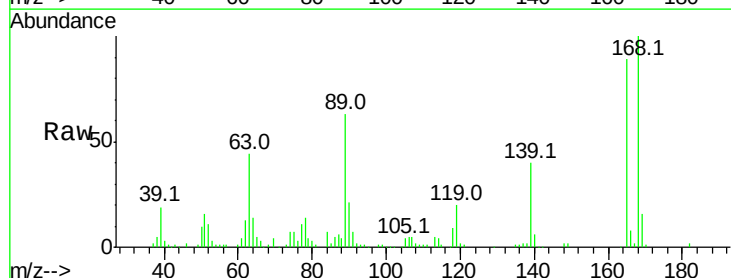
Ion Ratio Lower Upper

165 100

63 48.9 36.4 54.6

89 70.9 57.8 86.6

182 2.3 1.6 2.4

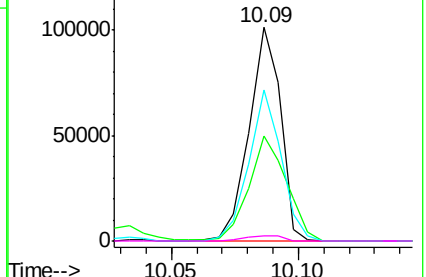
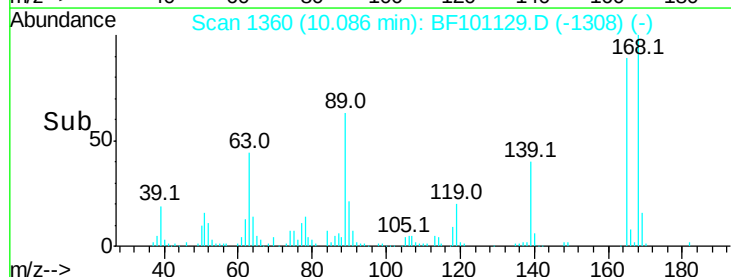


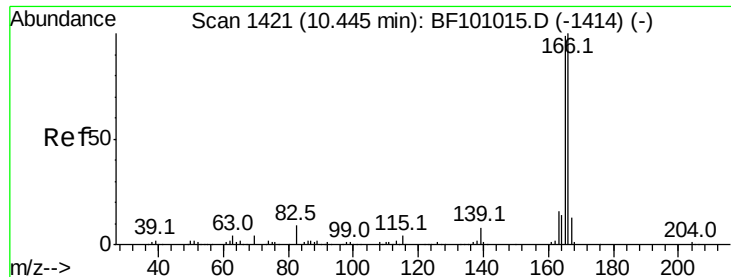
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

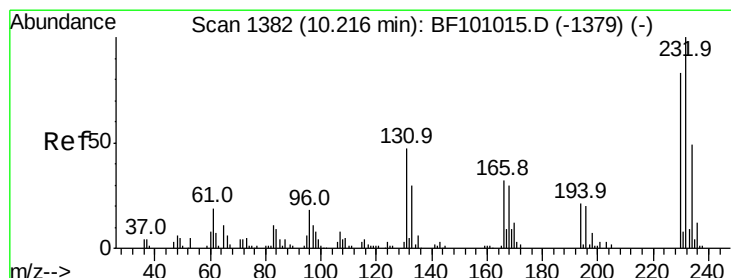
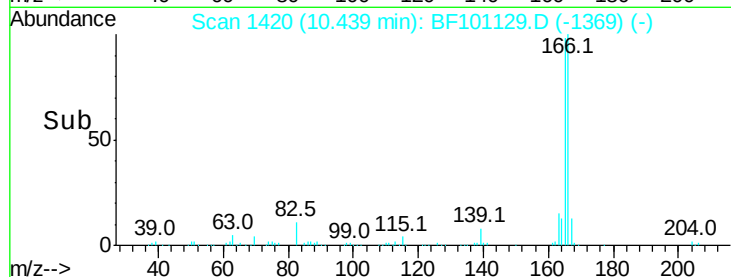
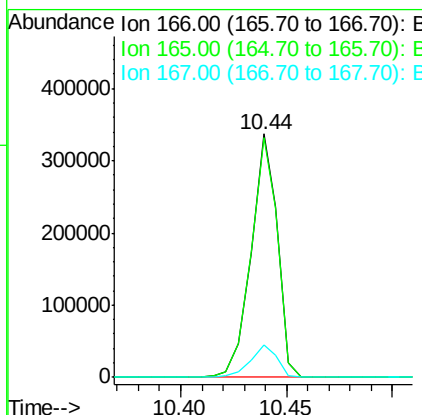
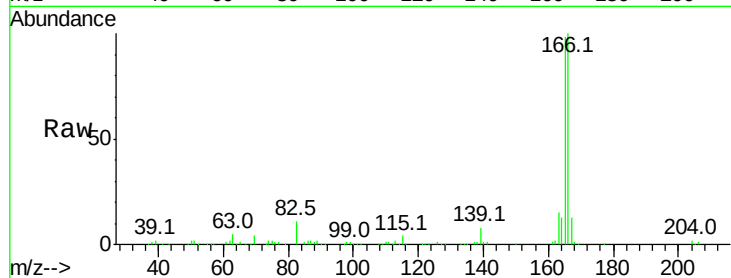




#57
Fluorene
Concen: 44.070 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

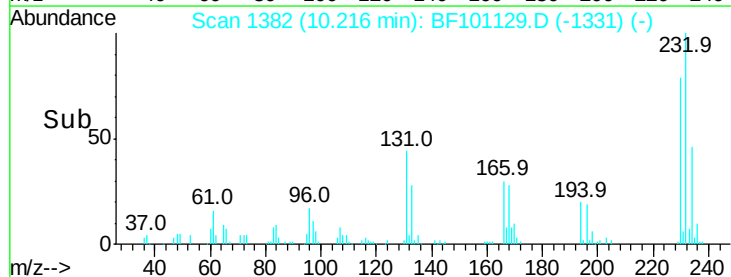
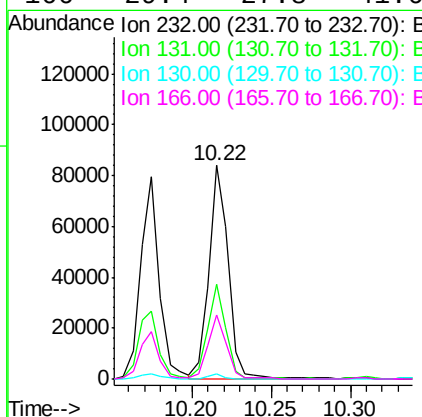
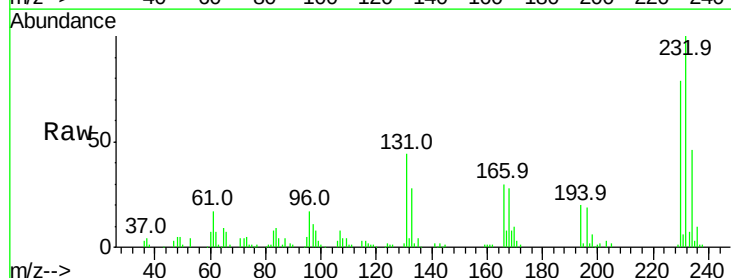
Instrument :
BNA_F
ClientSampleId :

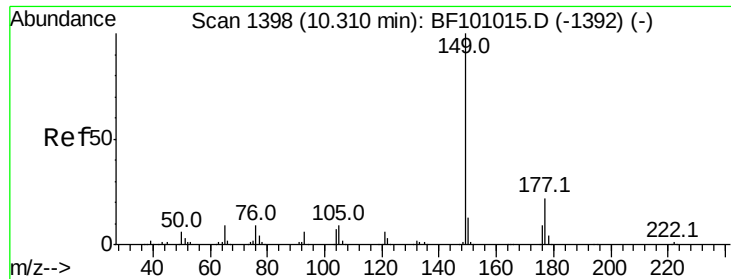
Tot Ion:166 Resp: 289847
Ion Ratio Lower Upper
166 100
165 98.4 79.8 119.8
167 13.4 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 45.447 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Tgt Ion:232 Resp: 72641
Ion Ratio Lower Upper
232 100
131 42.2 43.8 65.8#
130 1.8 2.1 3.1#
166 29.4 27.8 41.6

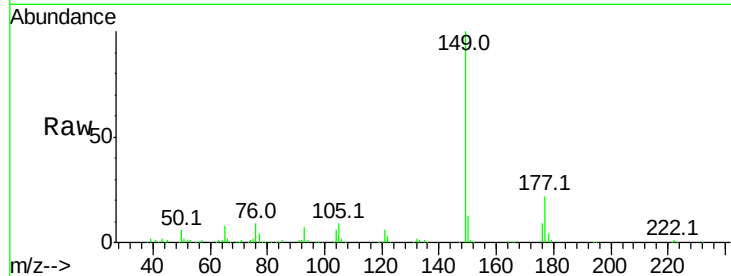




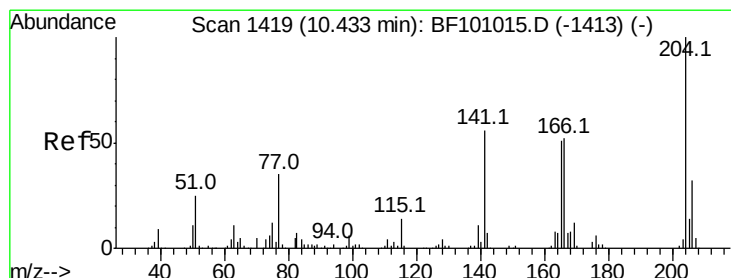
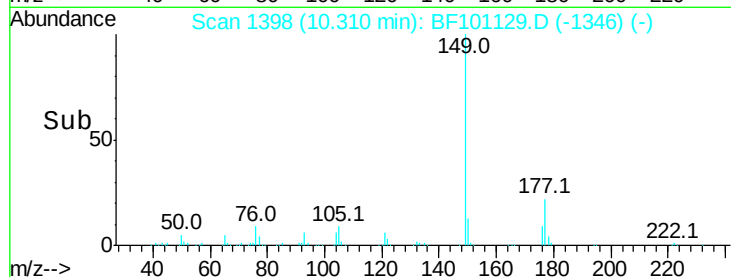
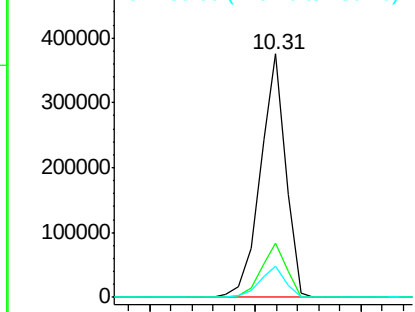
#59
Diethylphthalate
Concen: 44.599 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 311070
Ion Ratio Lower Upper
149 100
177 22.0 16.1 24.1
150 12.6 10.1 15.1

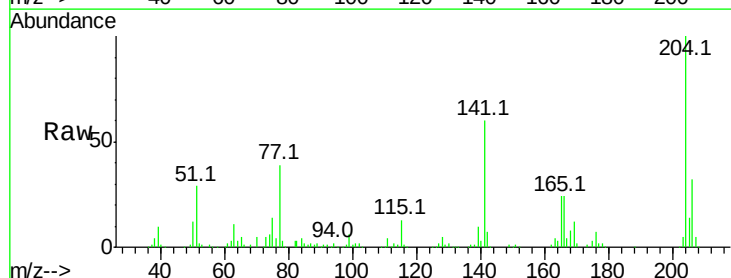


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

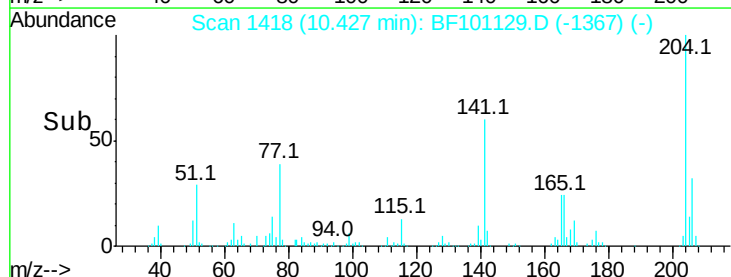
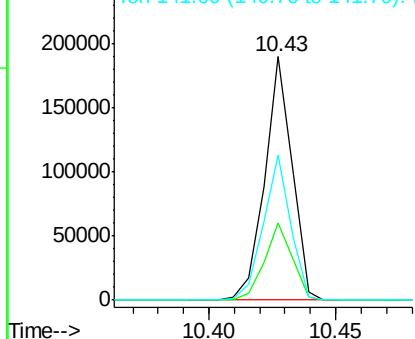


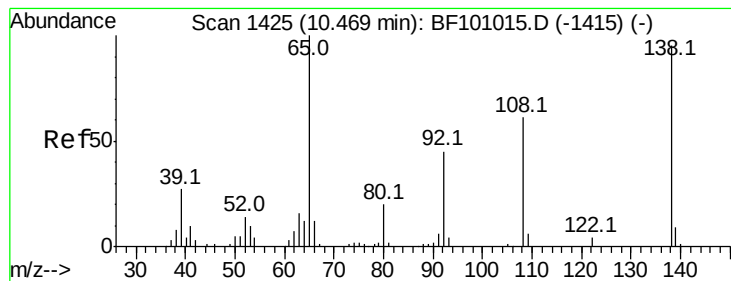
#60
4-Chlorophenyl-phenylether
Concen: 43.728 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Tgt Ion:204 Resp: 141999
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 59.7 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.042 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

Instrument :

BNA_F

ClientSampleId :

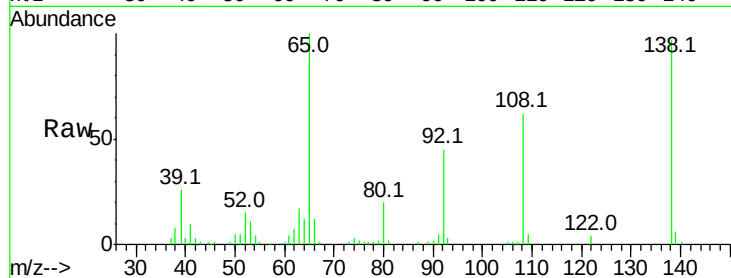
Tot Ion:138 Resp: 66142

Ion Ratio Lower Upper

138 100

92 46.4 30.2 70.2

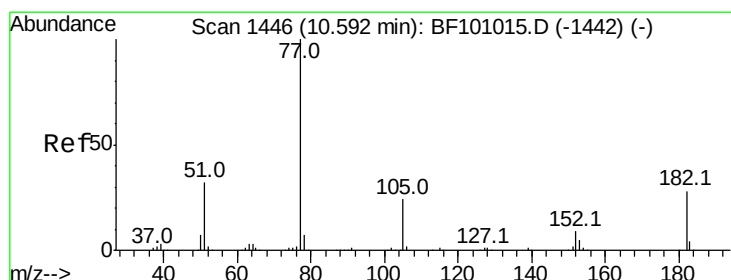
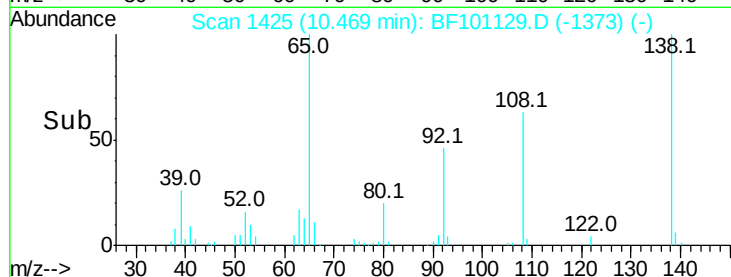
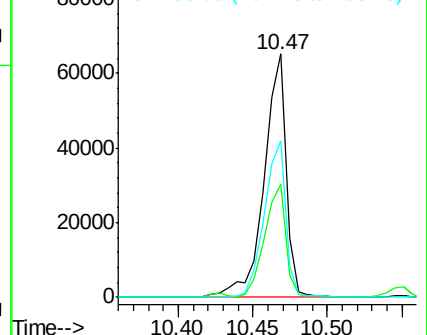
108 64.2 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.093 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

Tgt Ion: 77 Resp: 260990

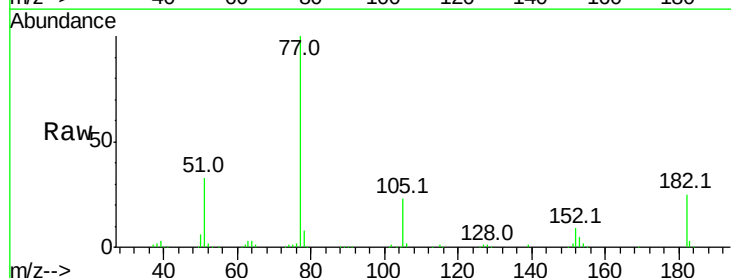
Ion Ratio Lower Upper

77 100

182 25.4 1.7 41.7

105 23.2 3.0 43.0

51 32.6 9.9 49.9

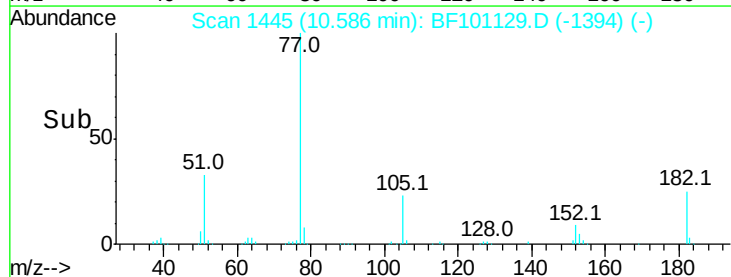
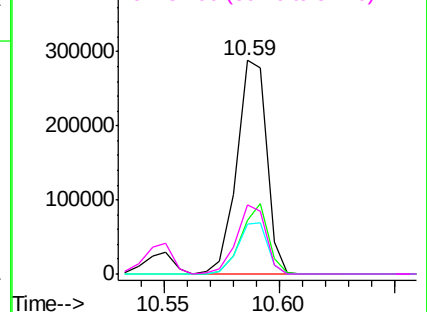


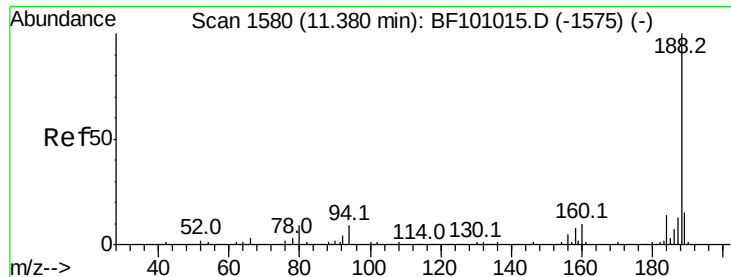
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

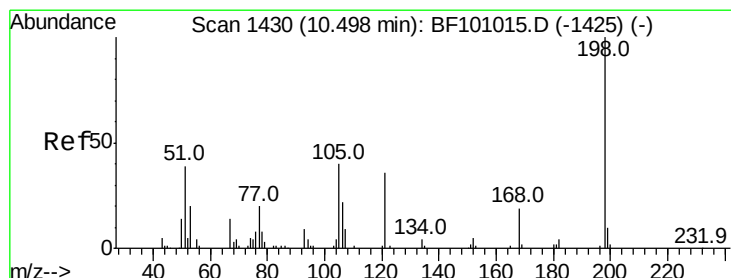
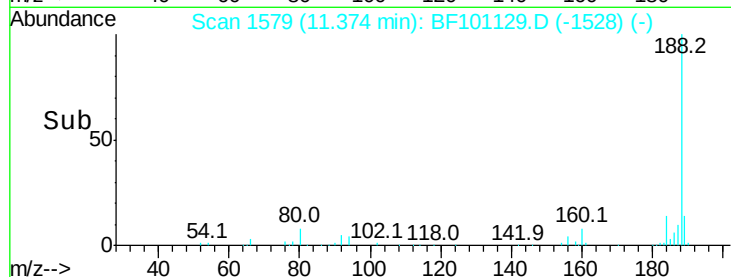
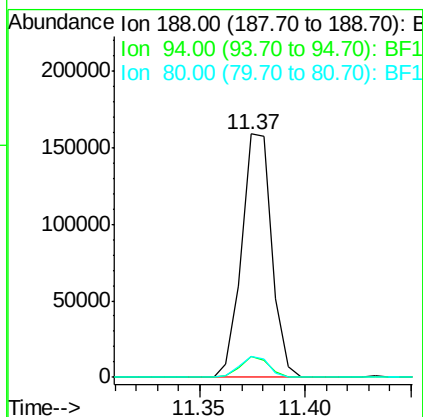
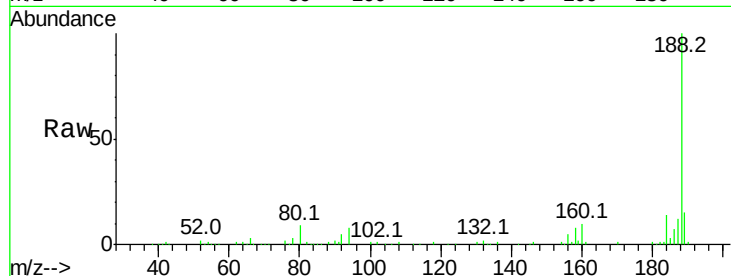




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

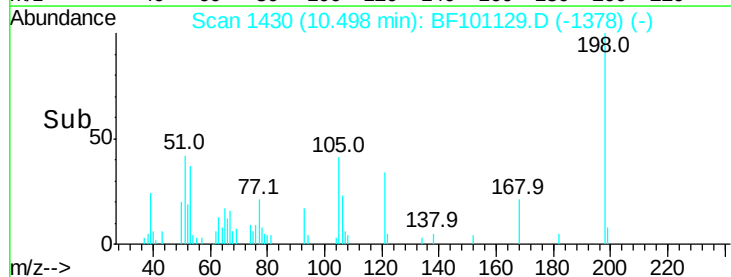
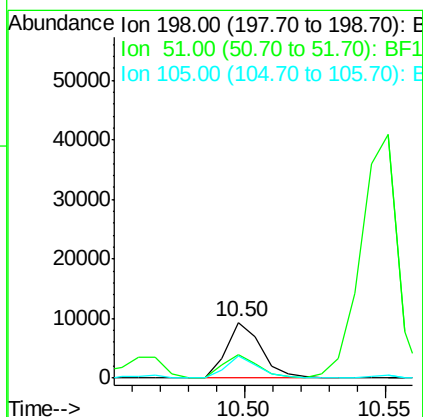
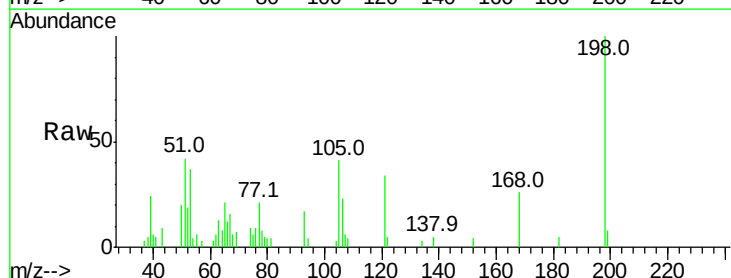
Instrument :
BNA_F
ClientSampleId :

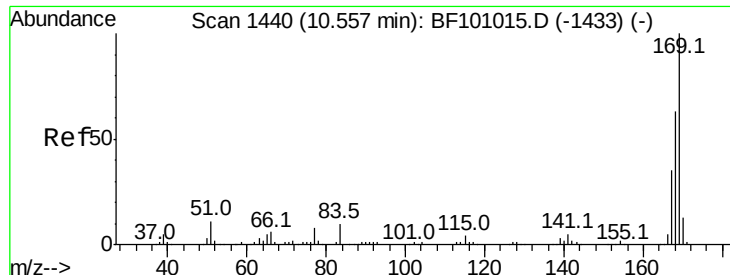
Tot Ion:188 Resp: 156717
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 8.8 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 7.532 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Tgt Ion:198 Resp: 7917
Ion Ratio Lower Upper
198 100
51 42.1 37.7 77.7
105 40.7 36.3 76.3

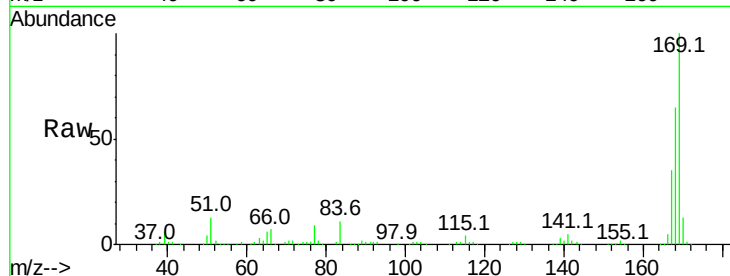




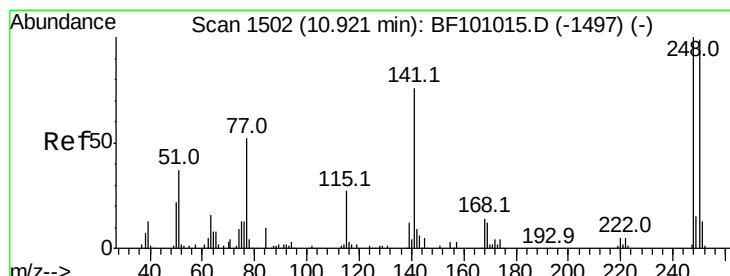
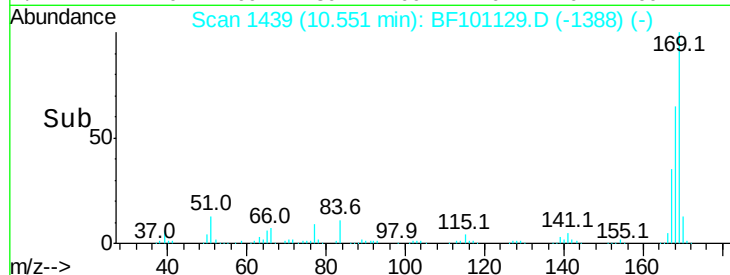
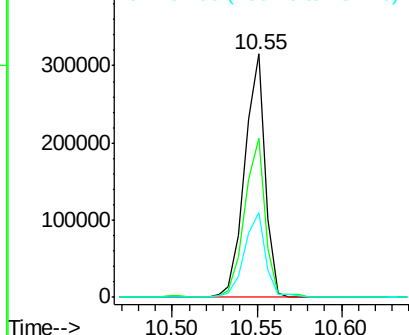
#65
 n-Nitrosodiphenylamine
 Concen: 47.972 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.3	54.4	81.6
167	35.1	29.8	44.6

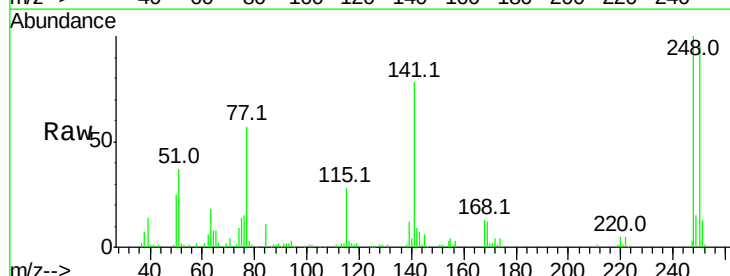


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

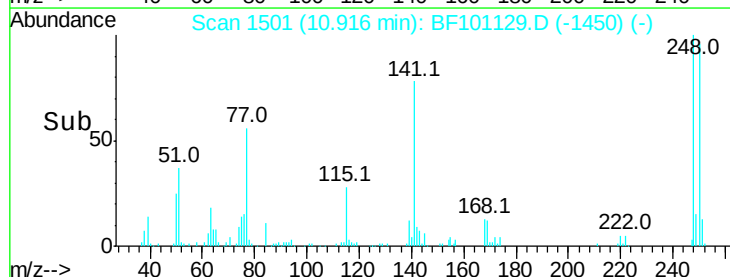
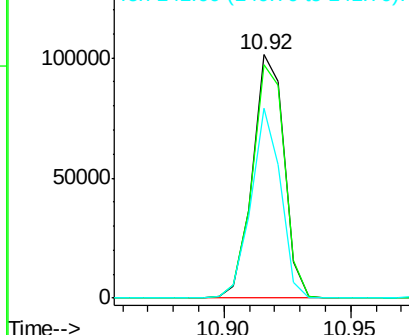


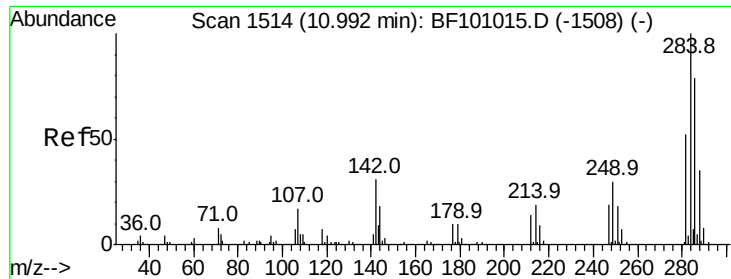
#66
 4-Bromophenyl-phenylether
 Concen: 50.151 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.9	115.3
141	77.9	74.4	111.6



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





#67

Hexachlorobenzene

Concen: 46.607 ng

RT: 10.99 min Scan# 1514

Delta R.T. 0.01 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

Instrument :

BNA_F

ClientSampleId :

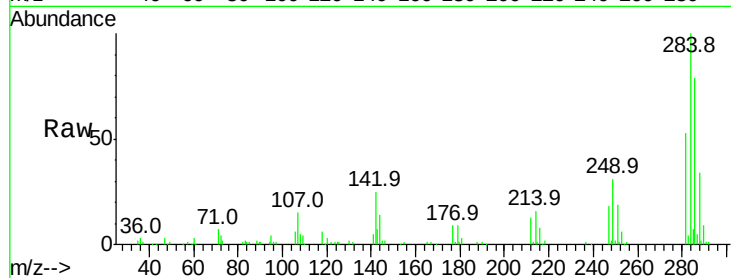
Tot Ion:284 Resp: 87624

Ion Ratio Lower Upper

284 100

142 24.6 34.6 52.0#

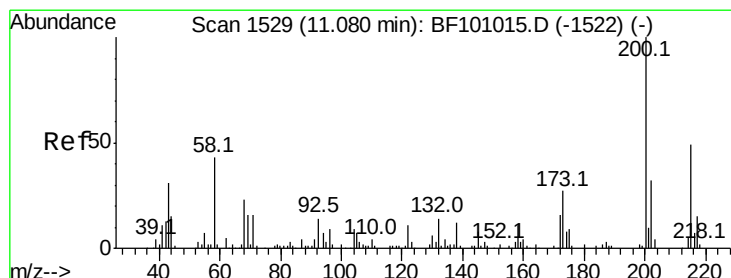
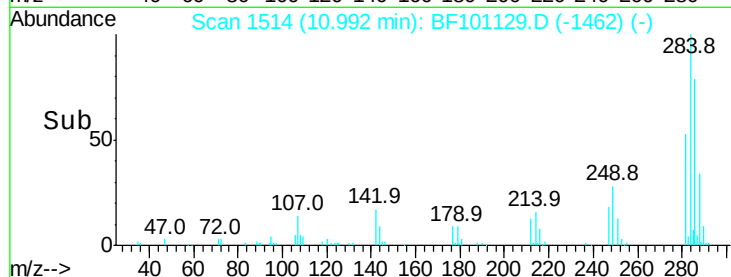
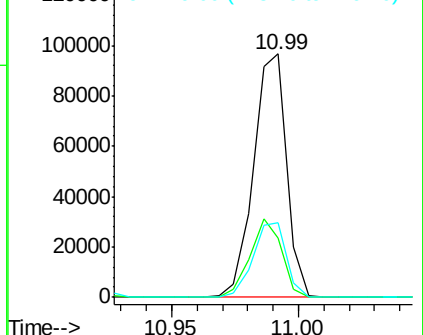
249 30.8 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 50.098 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

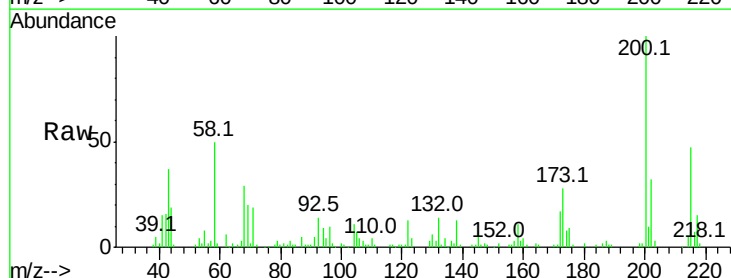
Tgt Ion:200 Resp: 84963

Ion Ratio Lower Upper

200 100

173 27.9 8.6 48.6

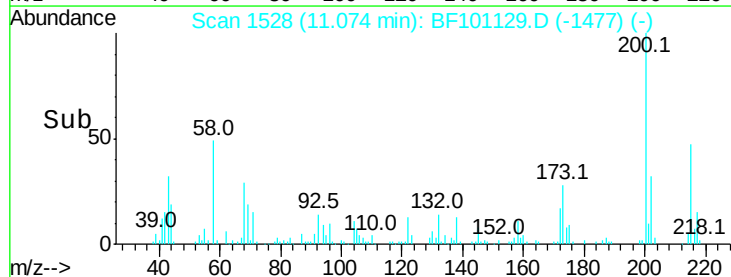
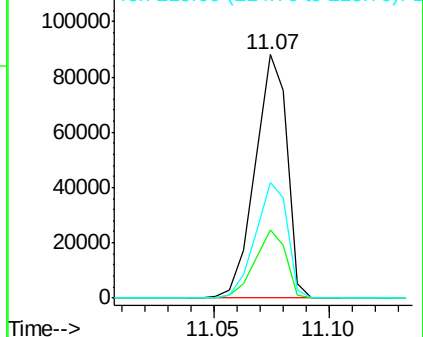
215 47.3 25.1 65.1

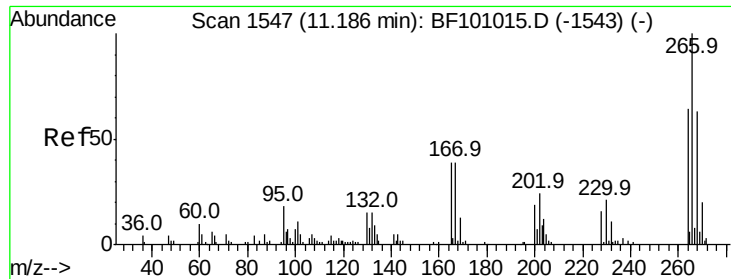


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

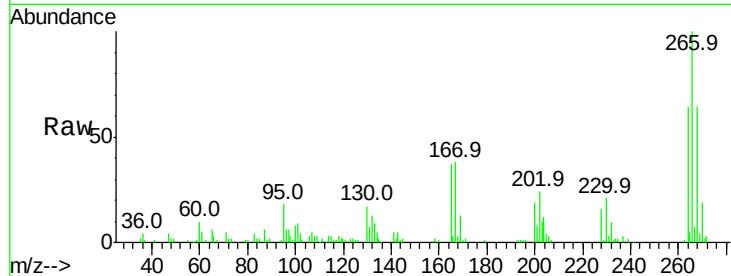




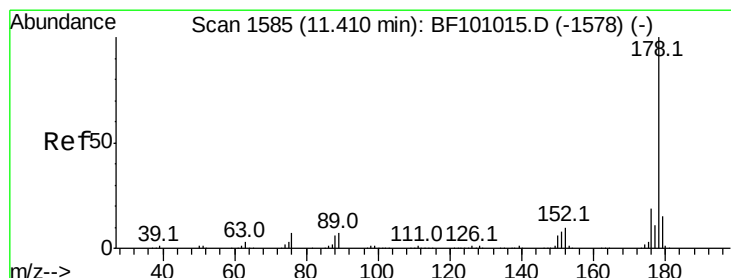
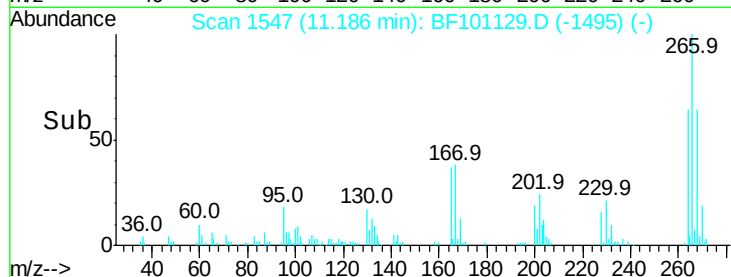
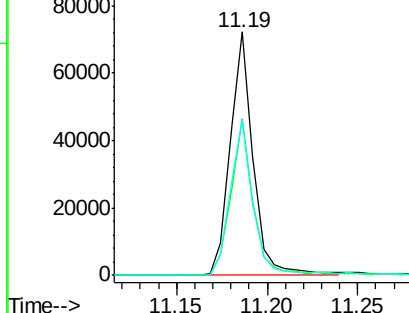
#69
 Pentachlorophenol
 Concen: 61.950 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	63.8	49.5	74.3

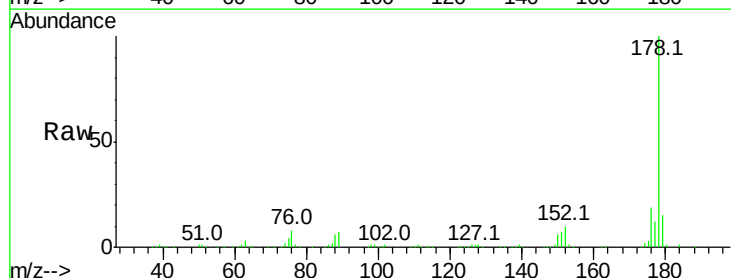


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

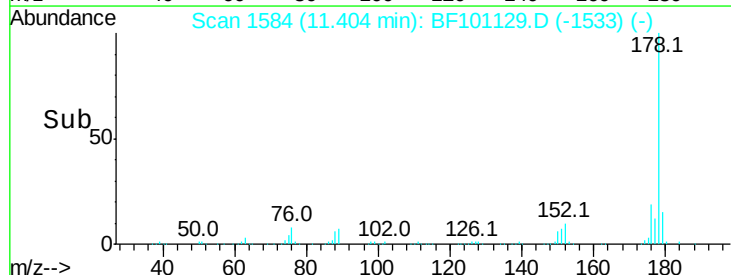
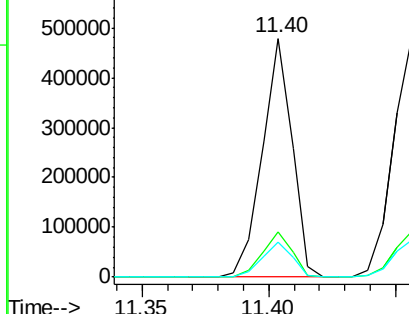


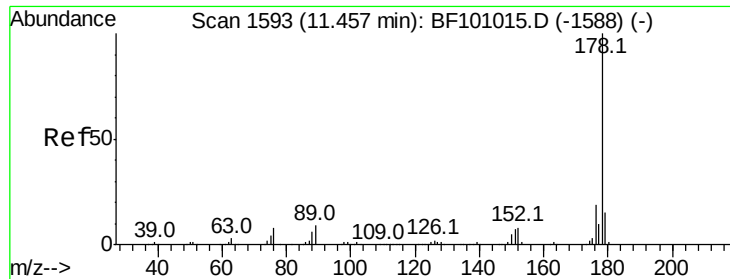
#70
 Phenanthrene
 Concen: 45.722 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.9	13.0	19.6



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

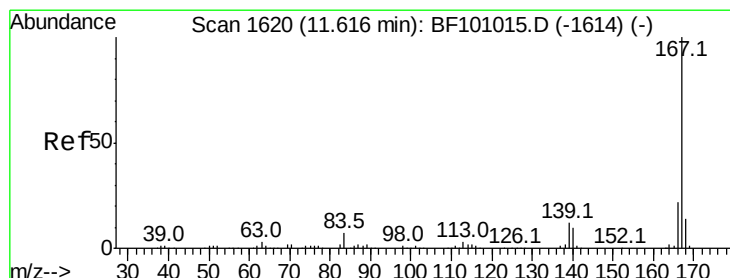
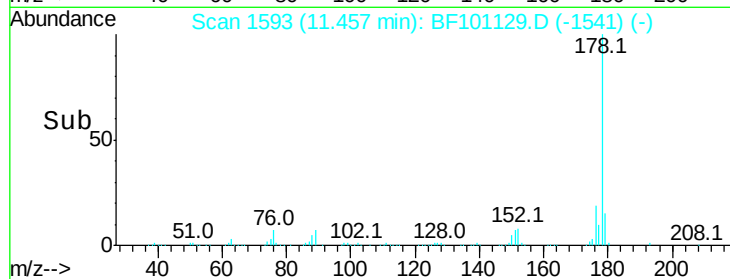
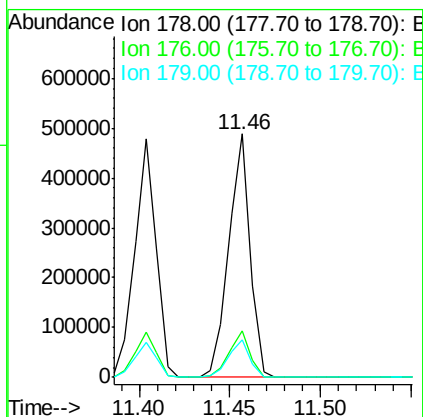
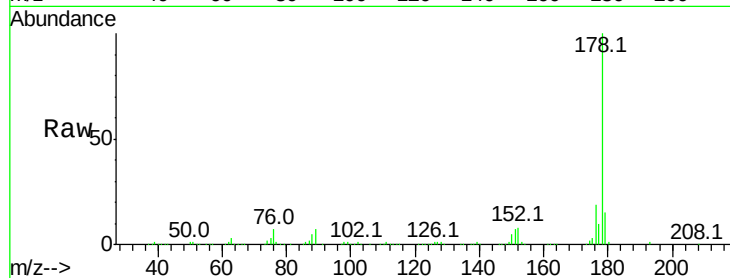




#71
 Anthracene
 Concen: 45.974 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

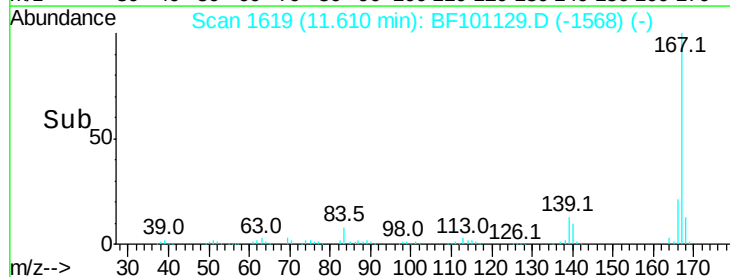
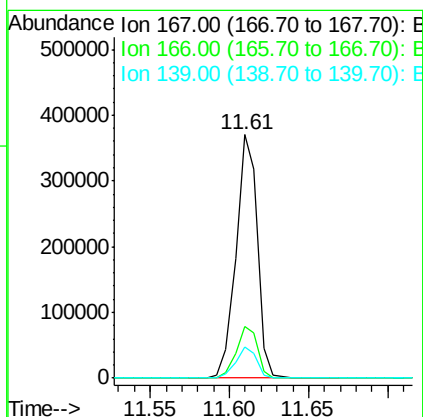
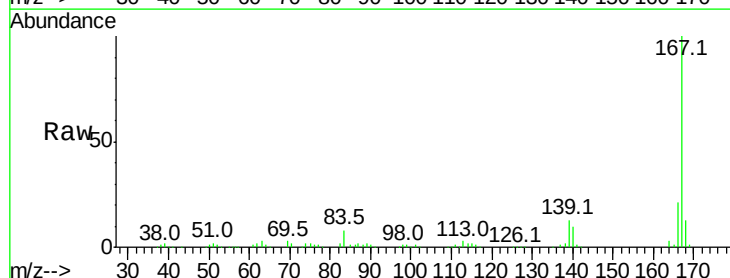
Instrument :
 BNA_F
 ClientSampleId :

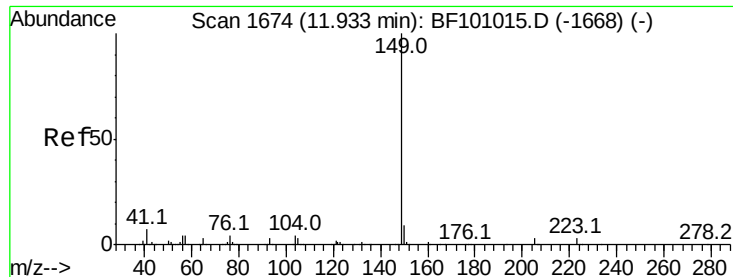
Tot Ion:178 Resp: 401565
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 42.992 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

Tgt Ion:167 Resp: 343100
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.6 26.4
 139 12.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.377 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.01 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

Instrument :

BNA_F

ClientSampleId :

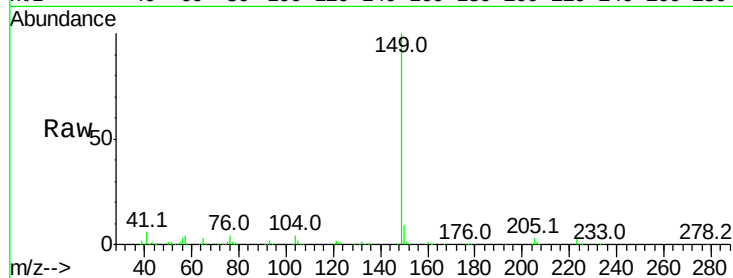
Tot Ion:149 Resp: 463911

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

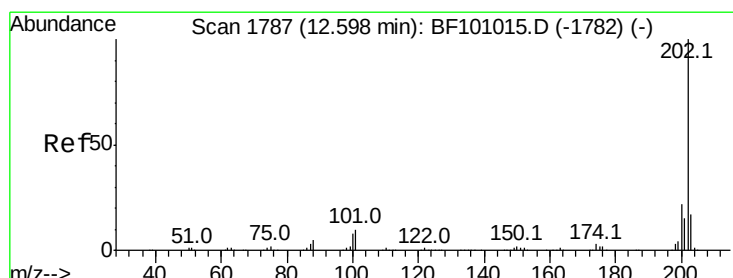
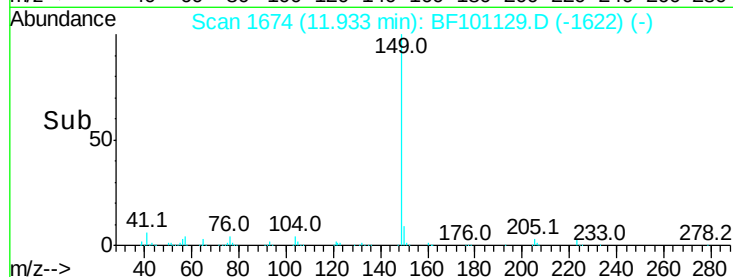
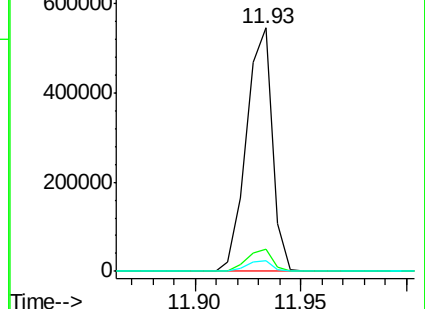
104 4.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.013 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

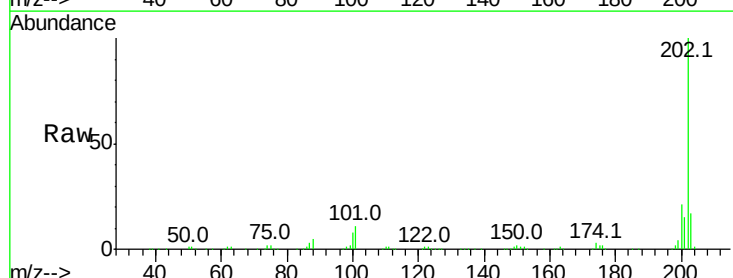
Tgt Ion:202 Resp: 354088

Ion Ratio Lower Upper

202 100

101 10.9 0.0 34.1

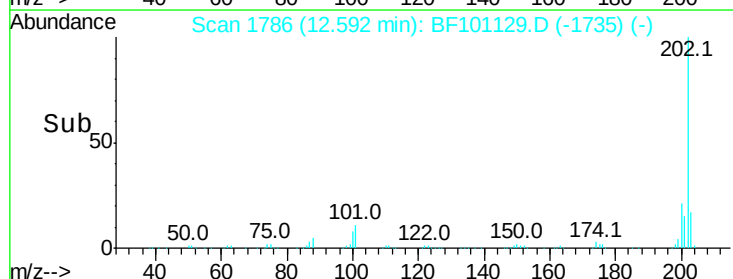
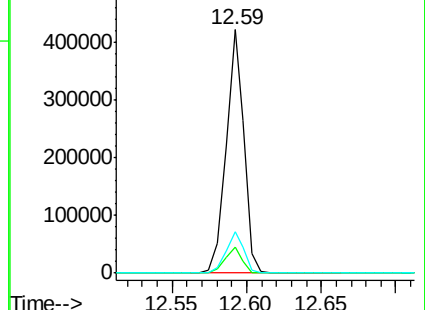
203 17.3 0.0 38.1

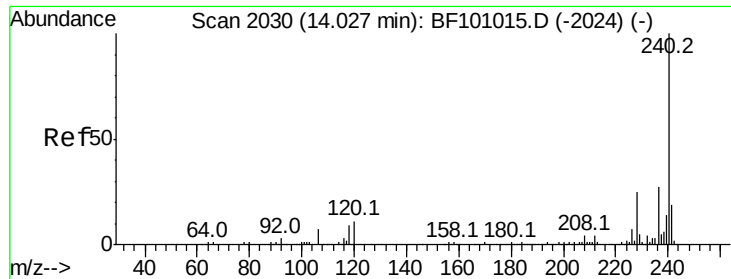


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

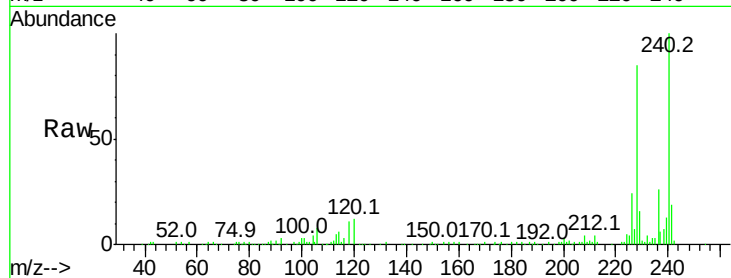




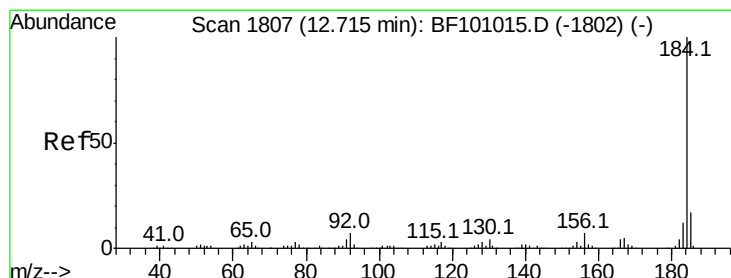
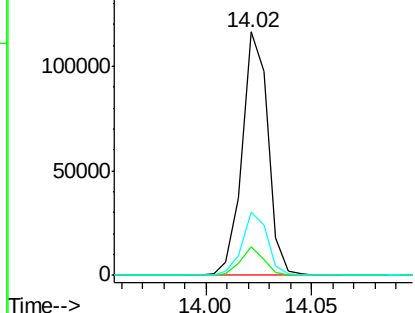
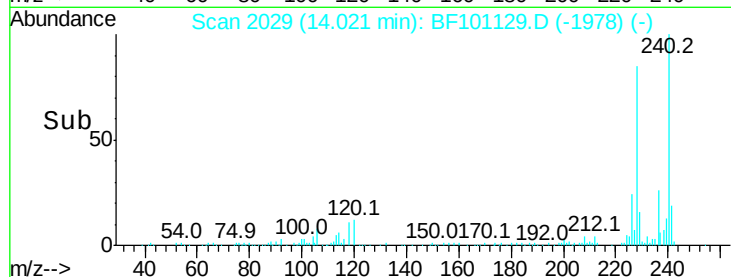
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 98601
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 25.7 20.7 31.1

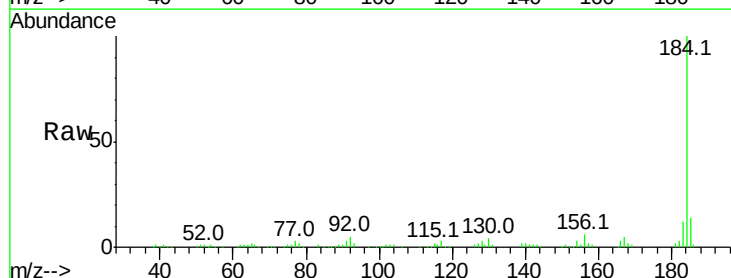


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

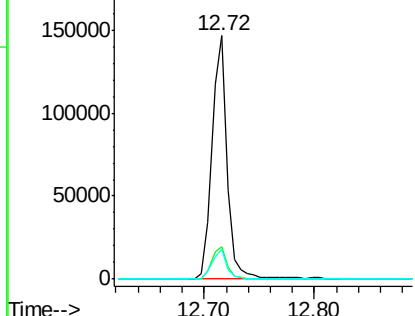
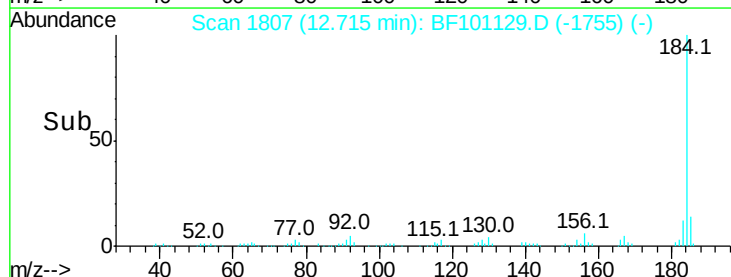


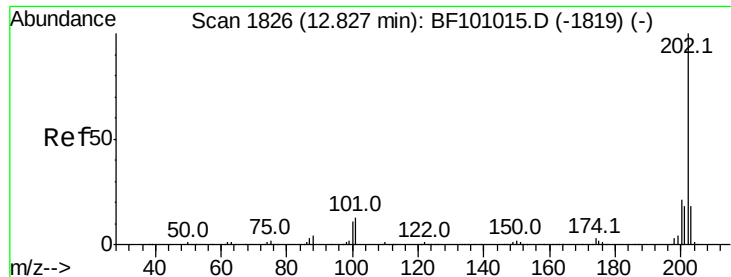
#76
Benzidine
Concen: 42.929 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Tgt Ion:184 Resp: 137643
Ion Ratio Lower Upper
184 100
185 13.6 12.6 18.8
183 12.2 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

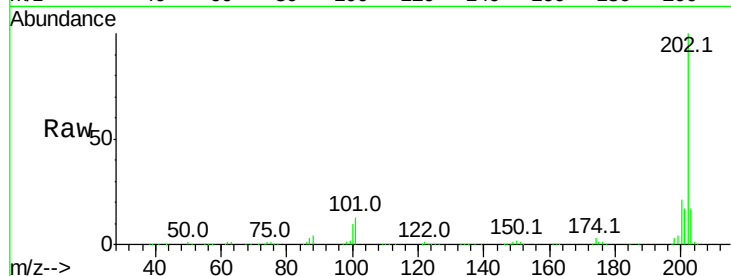




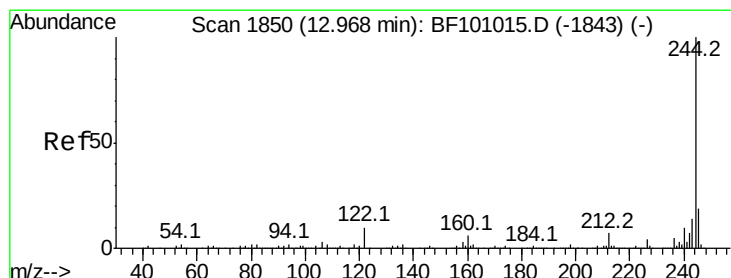
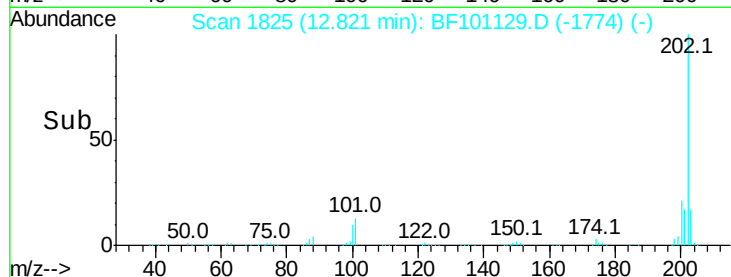
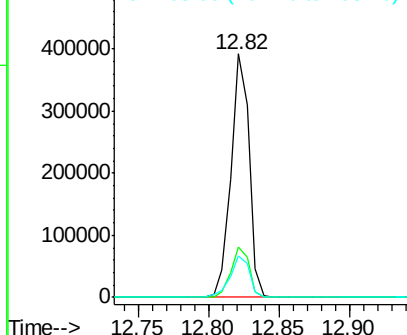
#77
Pvrene
Concen: 51.718 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 351875
Ion Ratio Lower Upper
202 100
200 20.6 17.4 26.2
203 17.1 14.3 21.5

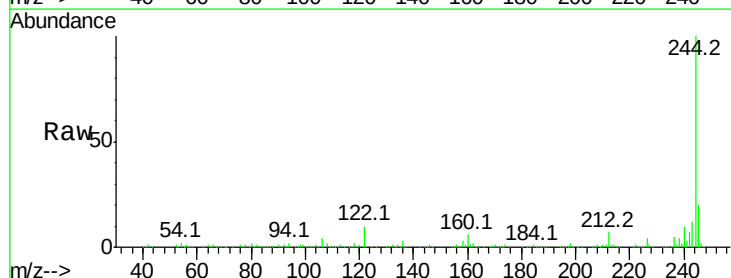


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

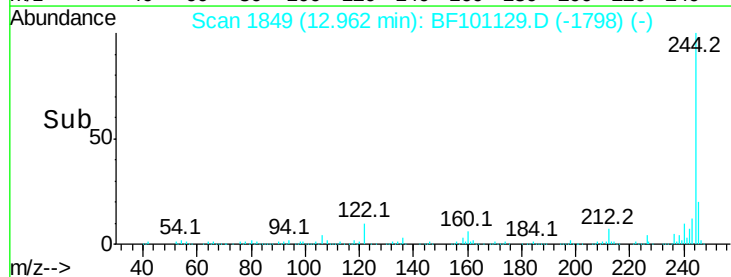
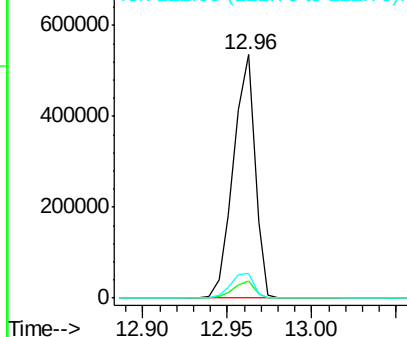


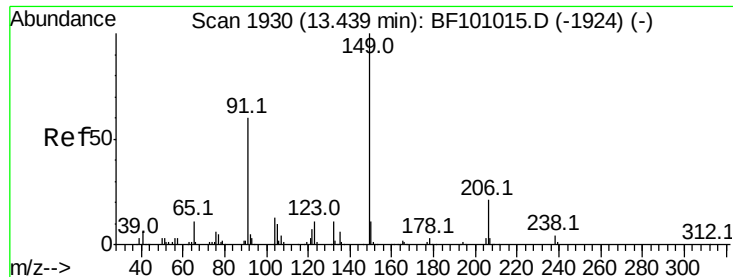
#78
Terphenyl-d14
Concen: 105.937 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Tgt Ion:244 Resp: 477560
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 10.2 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

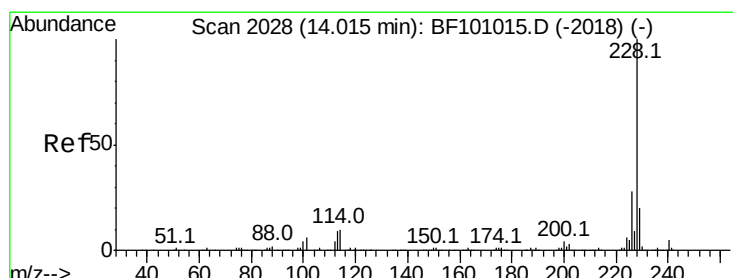
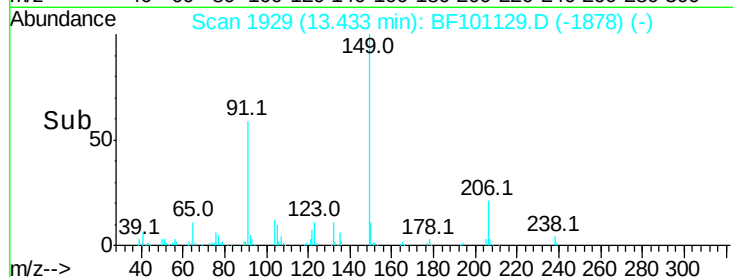
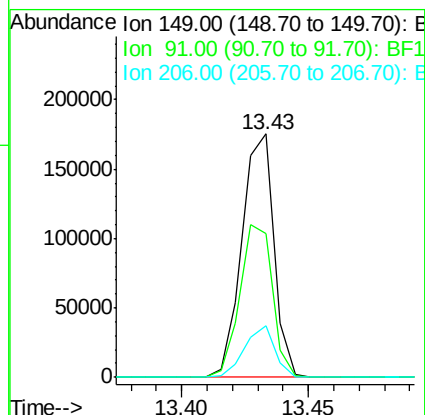
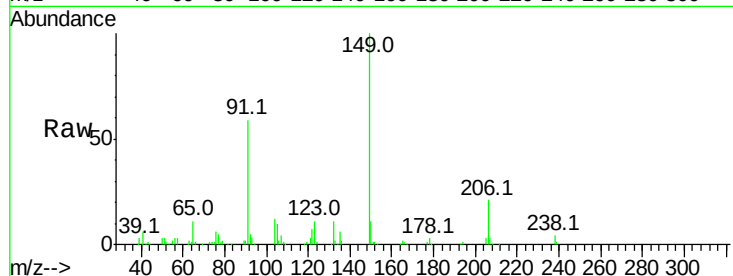




#79
Butylbenzylphthalate
Concen: 51.314 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

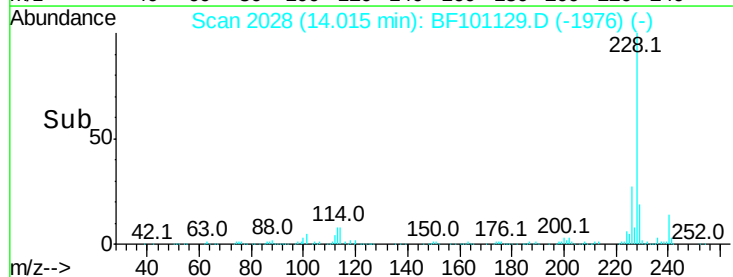
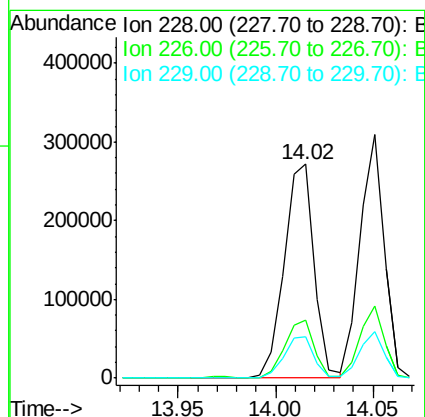
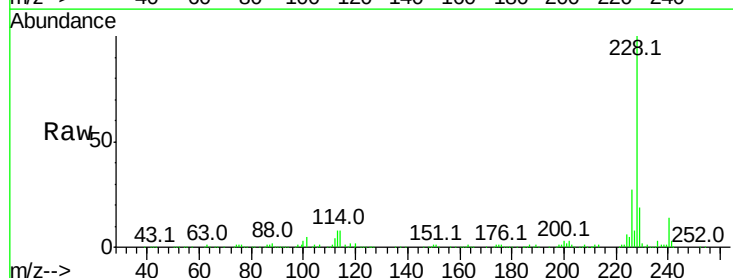
Instrument :
BNA_F
ClientSampleId :

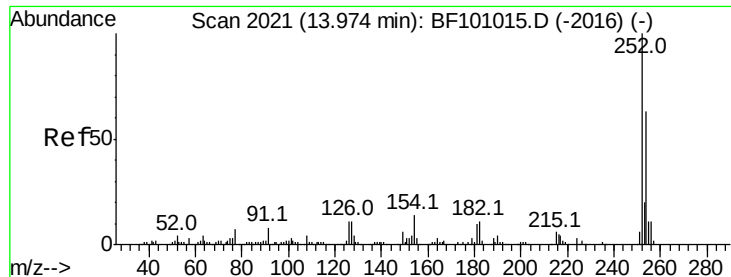
Tot Ion	Ratio	Lower	Upper
149	100		
91	59.2	56.8	85.2
206	21.2	14.1	21.1#



#80
Benzo(a)anthracene
Concen: 46.121 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	19.1	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 44.847 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

Instrument :

BNA_F

ClientSampled :

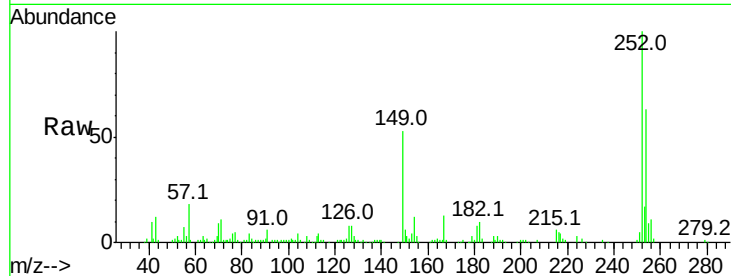
Tot Ion:252 Resp: 96693

Ion Ratio Lower Upper

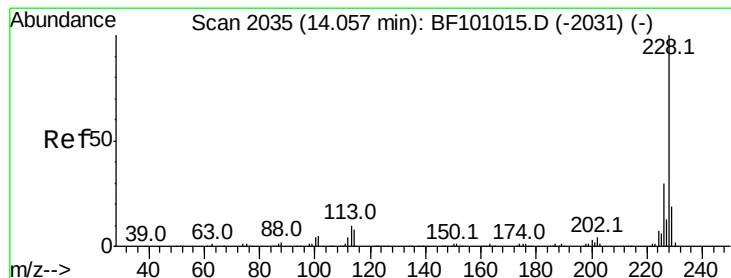
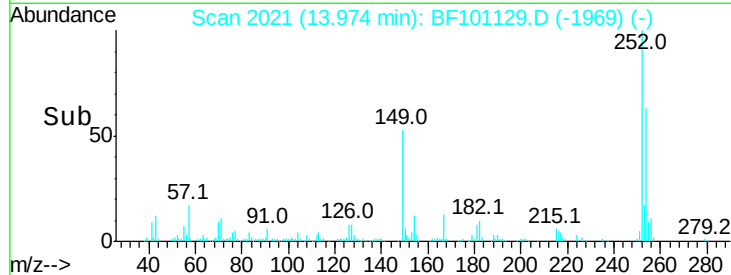
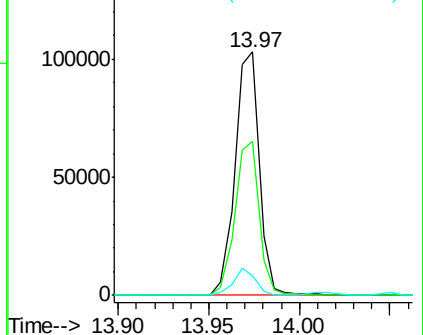
252 100

254 63.1 50.4 75.6

126 8.3 11.3 16.9#



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



#82

Chrysene

Concen: 46.210 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

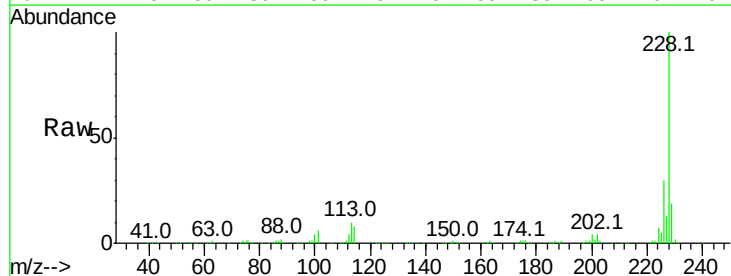
Tgt Ion:228 Resp: 267175

Ion Ratio Lower Upper

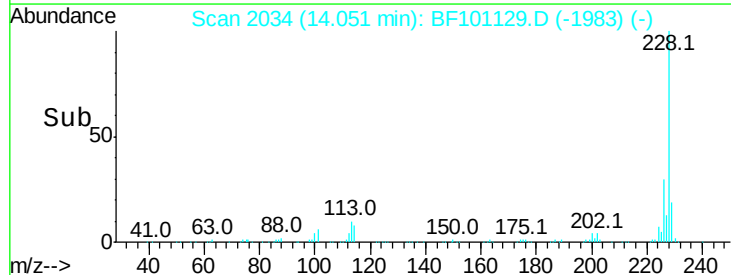
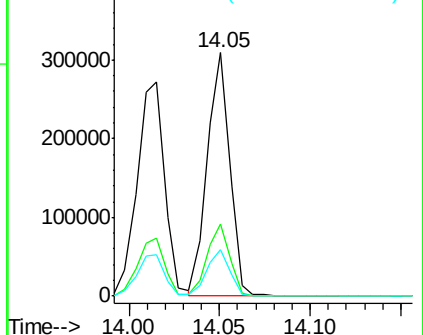
228 100

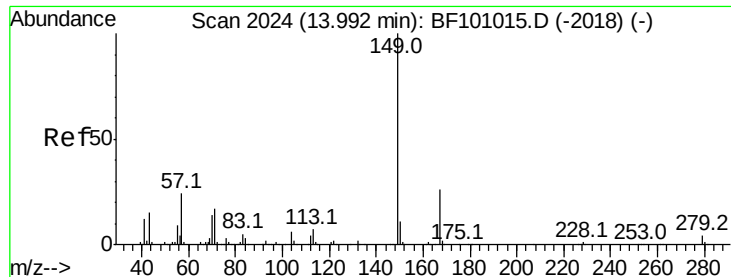
226 29.8 25.0 37.6

229 19.2 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.814 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

Instrument :

BNA_F

ClientSampleId :

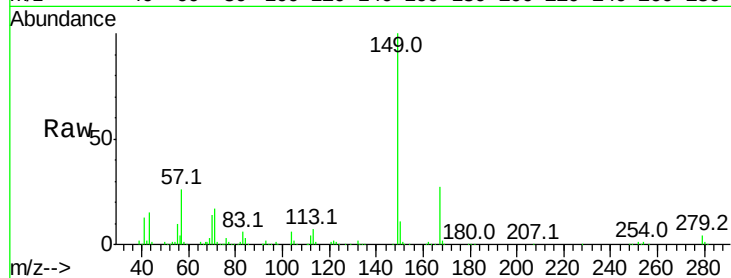
Tot Ion:149 Resp: 208783

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

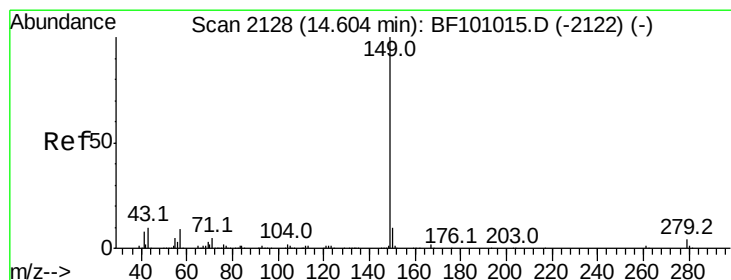
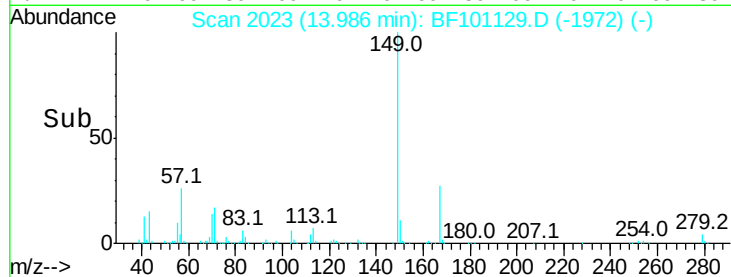
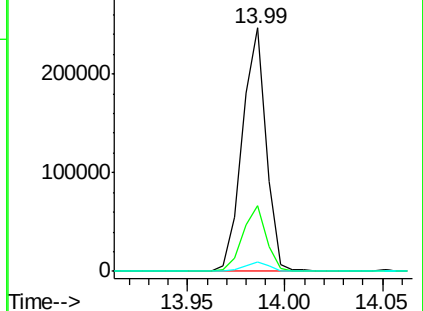
279 4.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.076 ng

RT: 14.60 min Scan# 2127

Delta R.T. 0.00 min

Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

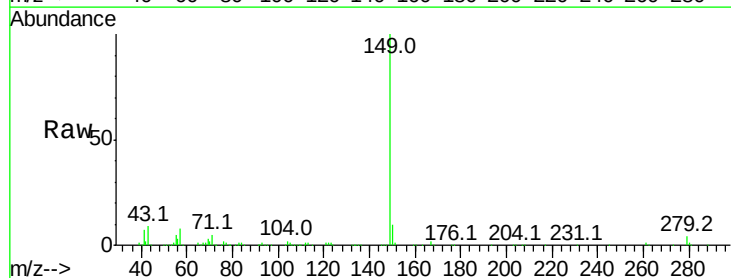
Tgt Ion:149 Resp: 321005

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

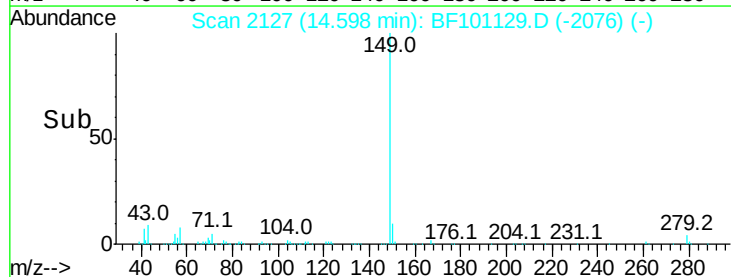
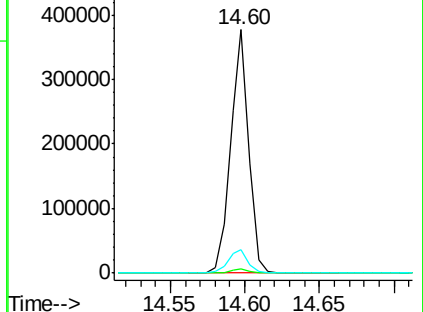
43 9.6 8.4 12.6

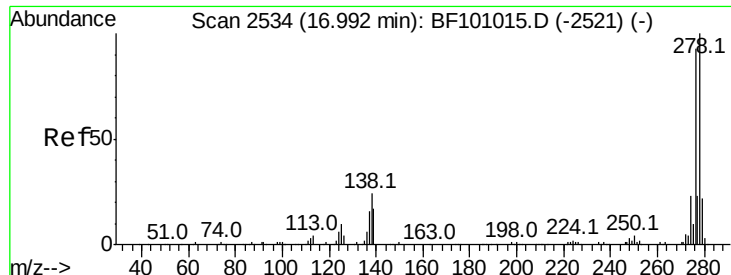


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

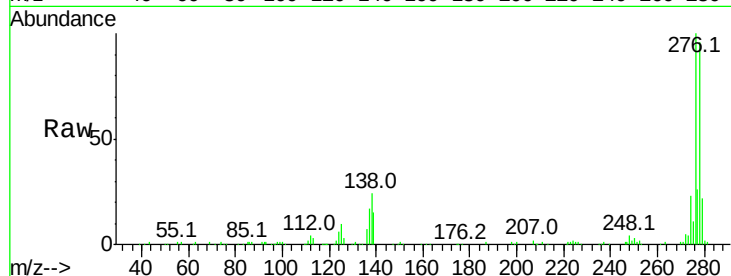




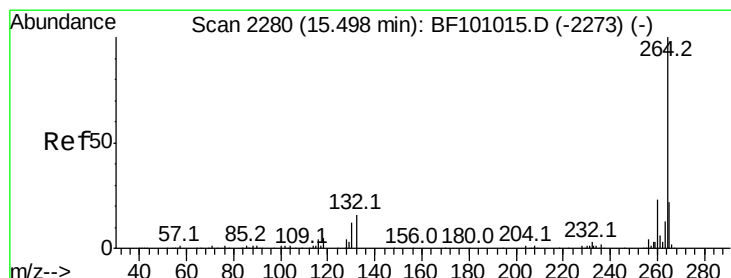
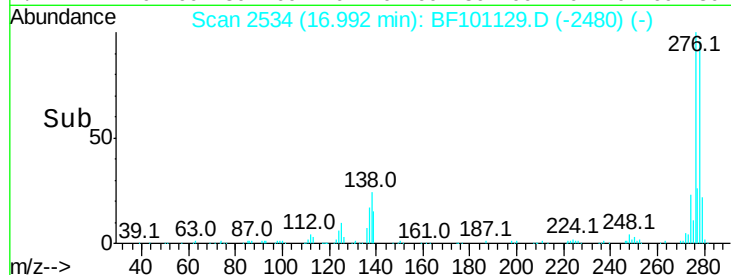
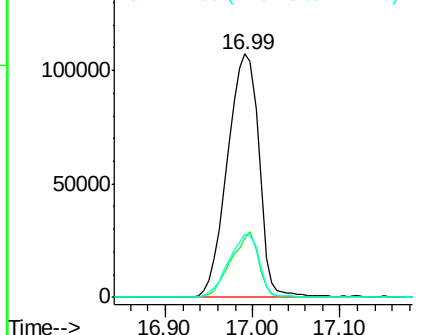
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.540 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. 0.02 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	25.0	37.6#
277	25.1	20.1	30.1

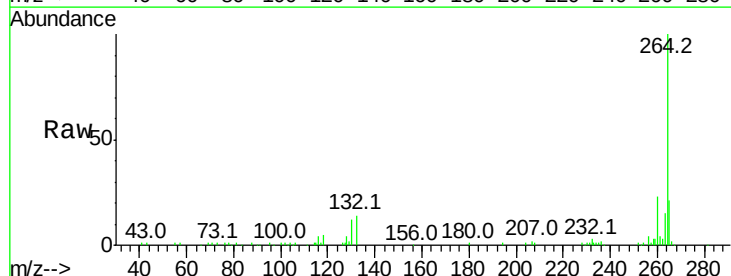


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

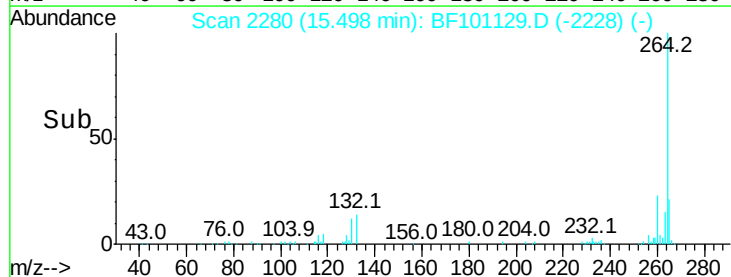
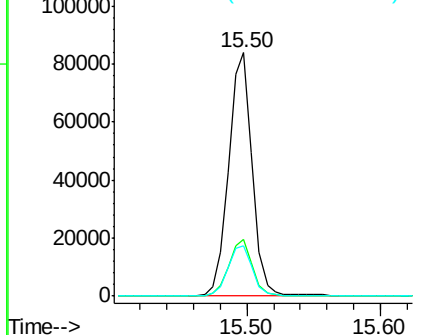


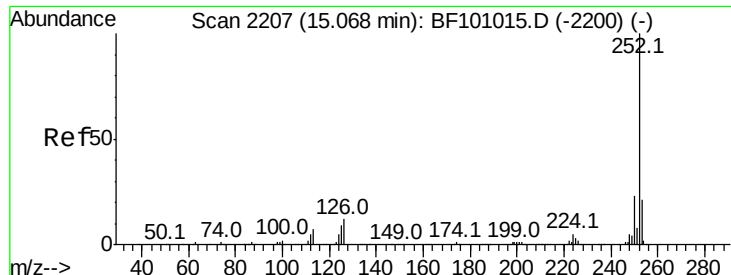
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101129.D
 Acq: 5 Dec 2017 17:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.6	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.203 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.04 min

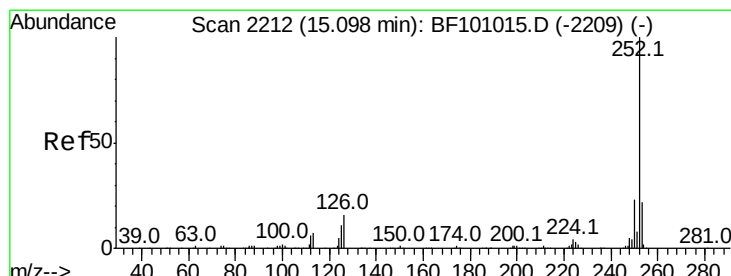
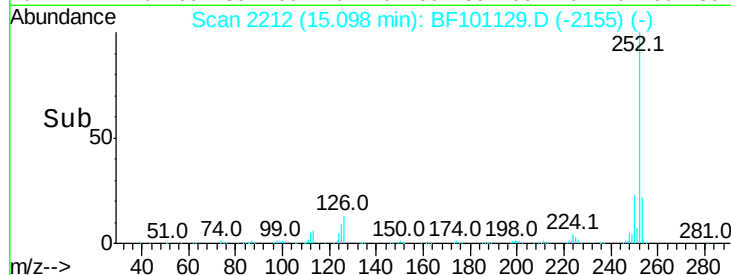
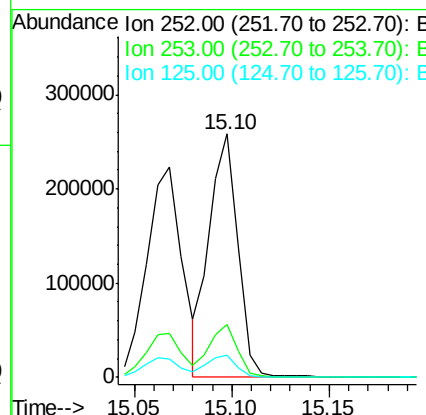
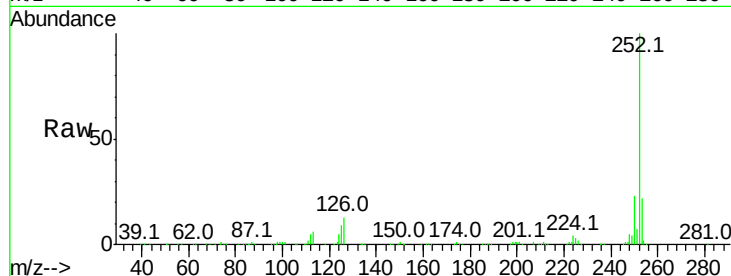
Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 262496

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	9.1	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 42.836 ng

RT: 15.10 min Scan# 2212

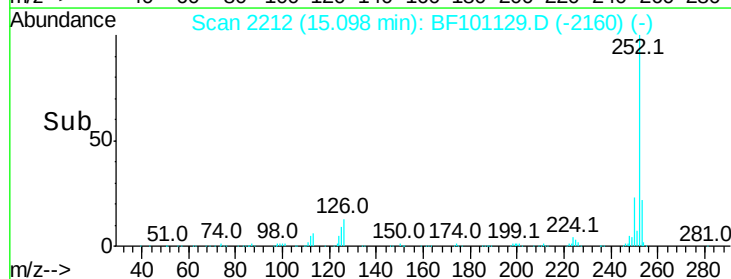
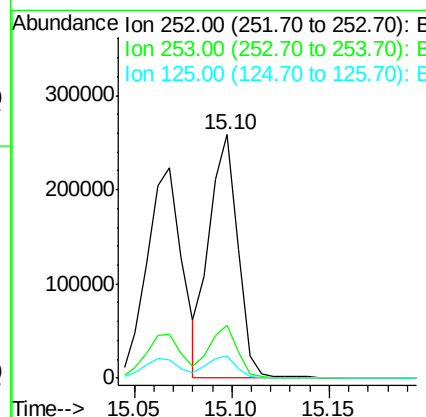
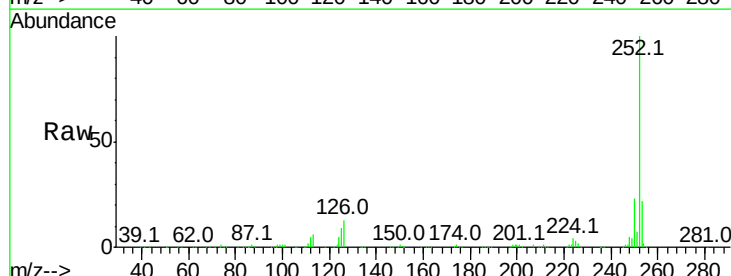
Delta R.T. 0.01 min

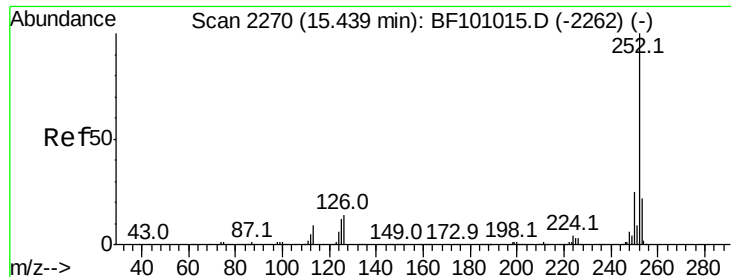
Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

Tgt Ion:252 Resp: 262496

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	9.1	10.2	15.2#

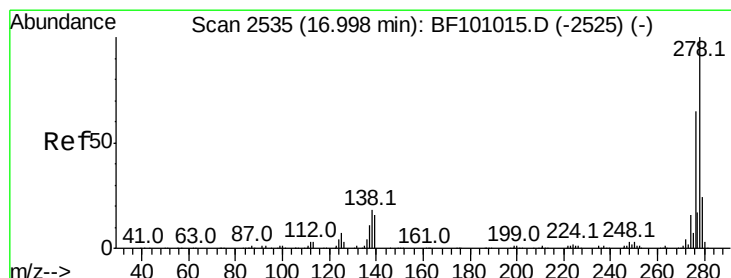
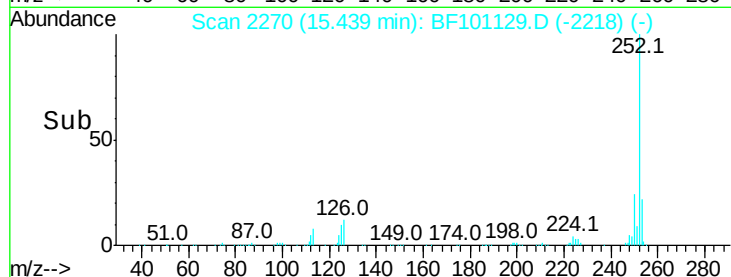
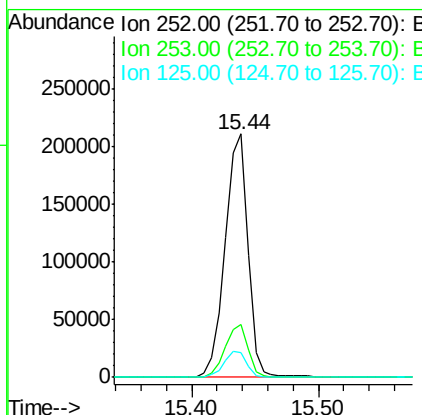
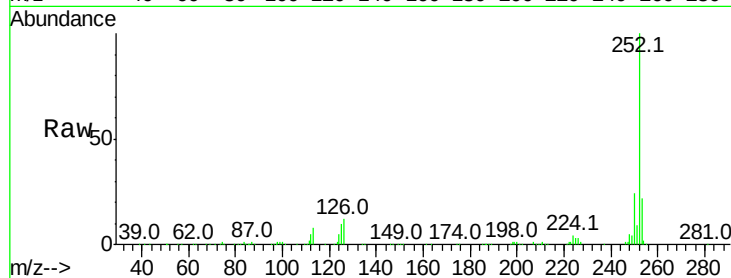




#89
Benzo(a)pyrene
Concen: 46.664 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

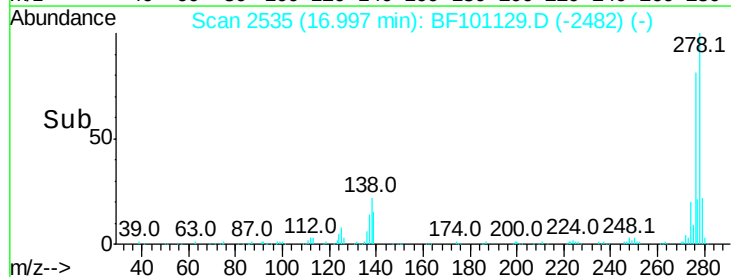
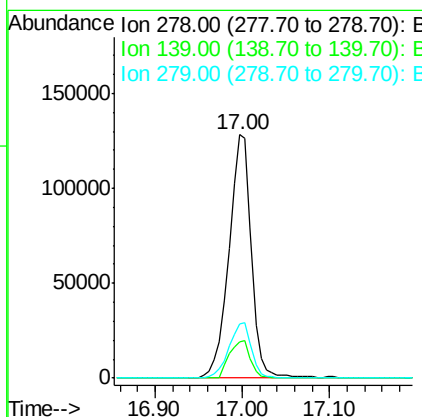
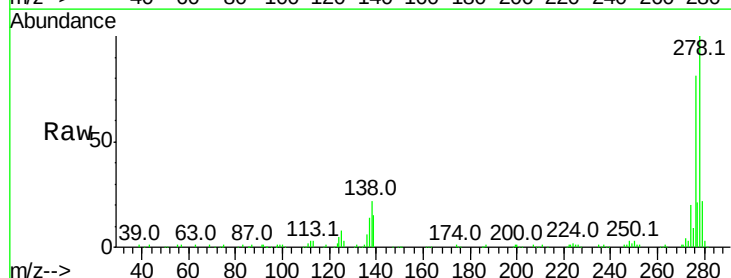
Instrument :
BNA_F
ClientSampleId :

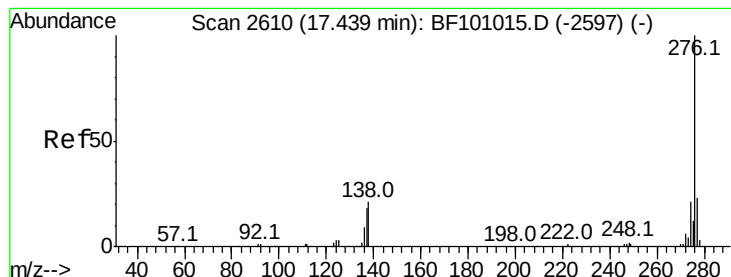
Tot Ion:252 Resp: 263870
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 10.1 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 45.085 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF101129.D
Acq: 5 Dec 2017 17:27

Tgt Ion:278 Resp: 224755
Ion Ratio Lower Upper
278 100
139 15.0 15.9 23.9#
279 22.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 44.532 ng

RT: 17.44 min Scan# 2610

Delta R.T. 0.01 min

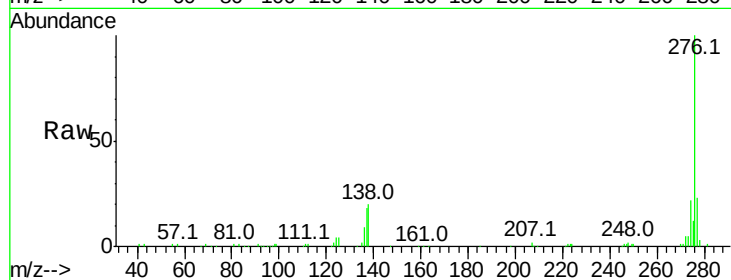
Lab File: BF101129.D

Acq: 5 Dec 2017 17:27

Instrument :

BNA_F

ClientSampleId :



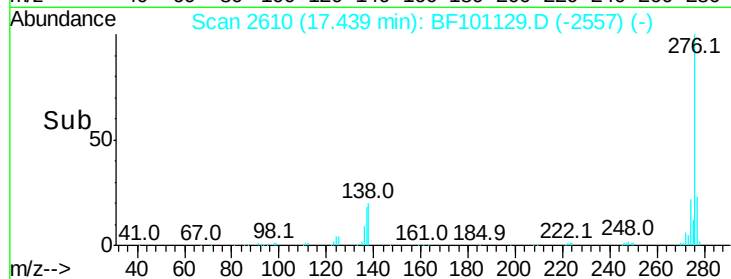
Tot Ion:276 Resp: 209211

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 20.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

