

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099129.D
 Acq On : 6 Oct 2017 5:24
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 06:34:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	138408	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	555094	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	227641	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	325870	20.00	ng	0.00
75) Chrysene-d12	14.03	240	229243	20.00	ng	0.00
86) Perylene-d12	15.50	264	258898	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	704984	81.08	ng	0.00
7) Phenol-d6	6.50	99	859914	80.17	ng	0.00
23) Nitrobenzene-d5	7.43	82	707119	81.69	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	130790	70.21	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1158932	84.99	ng	0.00
78) Terphenyl-d14	12.97	244	749028	74.31	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.62	88	165931	39.95	ng	96
3) Pyridine	3.40	79	445081	39.61	ng	94
4) n-Nitrosodimethylamine	3.36	42	180354	37.85	ng	87
6) Aniline	6.53	93	570110	39.38	ng	98
8) 2-Chlorophenol	6.65	128	390447	39.65	ng	98
9) Benzaldehyde	6.42	77	228647	36.75	ng	95
10) Phenol	6.51	94	505627	42.15	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	366204	39.27	ng	98
12) 1,3-Dichlorobenzene	6.81	146	409853	39.75	ng	98
13) 1,4-Dichlorobenzene	6.89	146	416280	39.68	ng	98
14) 1,2-Dichlorobenzene	7.04	146	383220	39.53	ng	98
15) Benzyl Alcohol	7.01	79	289814	36.83	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	530027	36.48	ng	97
17) 2-Methylphenol	7.12	107	315404	39.15	ng	98
18) Hexachloroethane	7.38	117	140967	37.38	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	240729	35.15	ng	97
20) 3+4-Methylphenols	7.27	107	373679	36.66	ng	# 76
22) Acetophenone	7.28	105	509444	37.88	ng	# 96
24) Nitrobenzene	7.45	77	390868	39.81	ng	99
25) Isophorone	7.69	82	680757	38.04	ng	99
26) 2-Nitrophenol	7.77	139	207289	43.90	ng	89
27) 2,4-Dimethylphenol	7.80	122	331585	37.19	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	435678	39.07	ng	100
29) 2,4-Dichlorophenol	8.00	162	306973	40.10	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	307926	40.21	ng	99
31) Naphthalene	8.17	128	1025861	39.35	ng	100
32) Benzoic acid	7.93	122	154988	21.16	ng	98
33) 4-Chloroaniline	8.22	127	427120	39.23	ng	97
34) Hexachlorobutadiene	8.29	225	156326	39.64	ng	100
35) Caprolactam	8.60	113	89509	36.45	ng	87
36) 4-Chloro-3-methylphenol	8.70	107	319544	37.13	ng	95
37) 2-Methylnaphthalene	8.86	142	644193	38.01	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	290171	42.74	ng	99
40) Hexachlorocyclopentadiene	9.01	237	63410	20.44	ng	96

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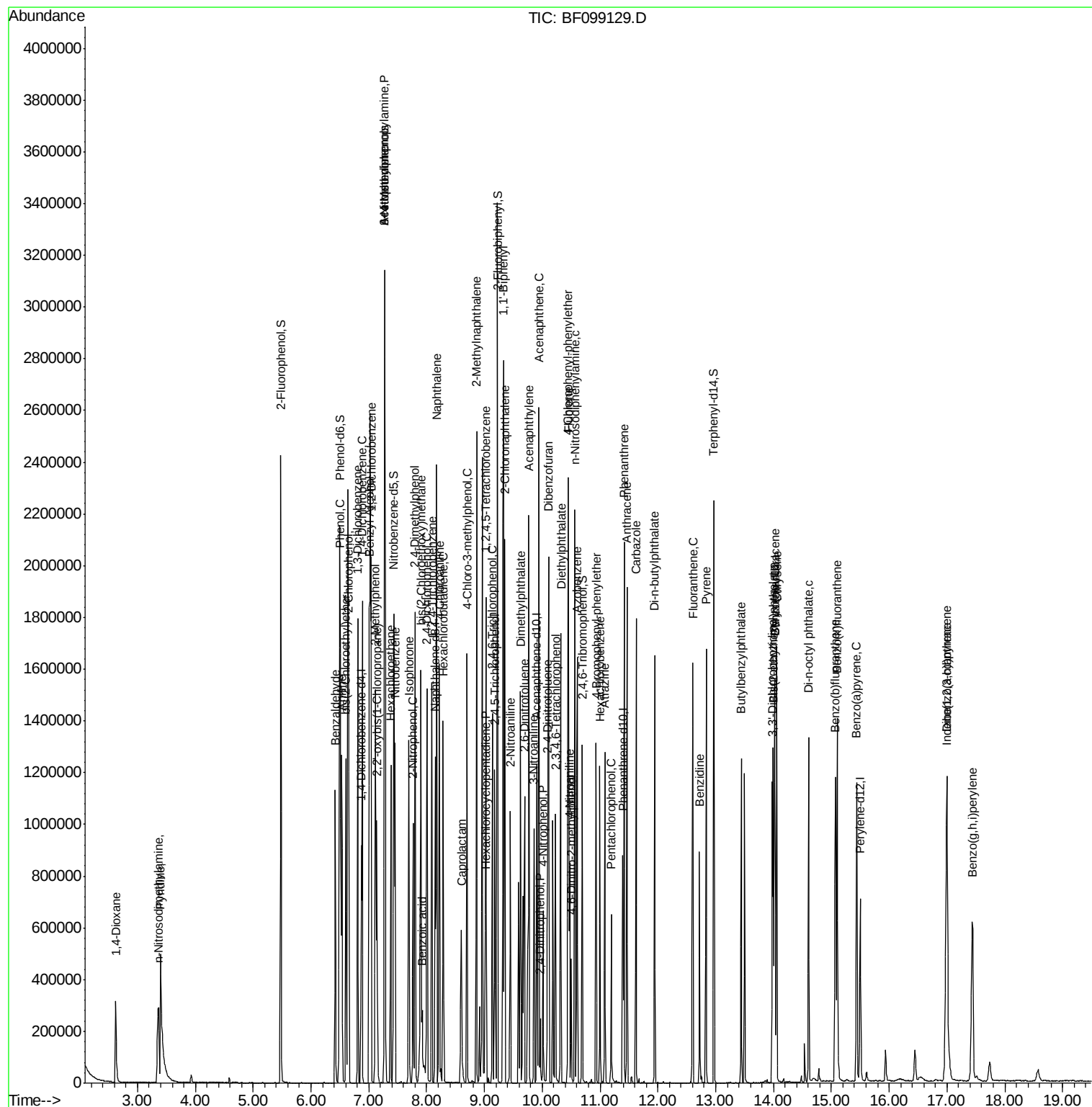
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42) 2,4,6-Trichlorophenol	9.14	196	193127	40.16	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	189740	39.52	nq	95
45) 1,1'-Biphenyl	9.33	154	816846	41.75	nq	99
46) 2-Chloronaphthalene	9.35	162	608395	41.42	nq	98
47) 2-Nitroaniline	9.45	65	182047	40.47	nq	99
48) Acenaphthylene	9.77	152	898465	39.96	nq	100
49) Dimethylphthalate	9.63	163	695463	40.48	nq	99
50) 2,6-Dinitrotoluene	9.69	165	153414	41.01	nq	88
51) Acenaphthene	9.94	154	523520	36.75	nq	99
52) 3-Nitroaniline	9.86	138	176788	40.54	nq	90
53) 2,4-Dinitrophenol	9.96	184	29871	20.05	nq	93
54) Dibenzofuran	10.11	168	748257	39.45	nq	100
55) 4-Nitrophenol	10.02	139	111181	30.15	nq	89
56) 2,4-Dinitrotoluene	10.09	165	188935	38.92	nq	94
57) Fluorene	10.45	166	585545	38.41	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	116270	35.06	nq	99
59) Diethylphthalate	10.32	149	640891	38.17	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	263395	38.47	nq	98
61) 4-Nitroaniline	10.47	138	158101	37.57	nq	90
62) Azobenzene	10.60	77	552374	35.78	nq	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	60522	30.53	nq	# 75
65) n-Nitrosodiphenylamine	10.56	169	523327	46.36	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	143345	44.94	nq	93
67) Hexachlorobenzene	11.00	284	144992	42.56	nq	95
68) Atrazine	11.09	200	140464	41.36	nq	98
69) Pentachlorophenol	11.19	266	62749	29.60	nq	99
70) Phenanthrene	11.42	178	711230	40.77	nq	99
71) Anthracene	11.47	178	720831	40.39	nq	99
72) Carbazole	11.62	167	679384	38.87	nq	100
73) Di-n-butylphthalate	11.94	149	795905	37.83	nq	98
74) Fluoranthene	12.60	202	624470	35.35	nq	98
76) Benzydine	12.72	184	315819	37.25	nq	99
77) Pyrene	12.83	202	651592	37.28	nq	99
79) Butylbenzylphthalate	13.44	149	276842	33.70	nq	99
80) Benzo(a)anthracene	14.02	228	553448	39.87	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	209048	41.08	nq	96
82) Chrysene	14.06	228	531203	40.20	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	364778	32.25	nq	99
84) Di-n-octyl phthalate	14.61	149	683914	37.55	nq	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	628832	59.48	nq	96
87) Benzo(b)fluoranthene	15.07	252	591191	37.14	nq	98
88) Benzo(k)fluoranthene	15.10	252	573029	36.45	nq	99
89) Benzo(a)pyrene	15.44	252	580975	39.76	nq	99
90) Dibenzo(a,h)anthracene	17.00	278	520994	44.55	nq	97
91) Benzo(g,h,i)perylene	17.44	276	502738	43.49	nq	95

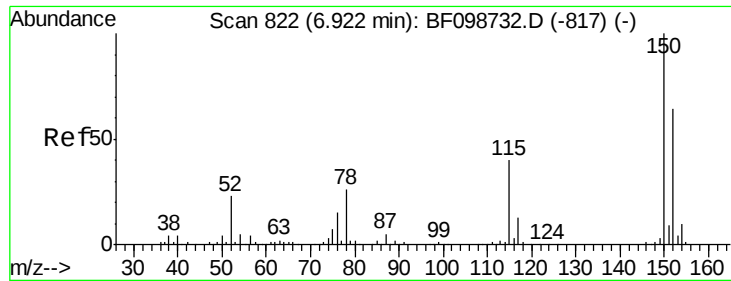
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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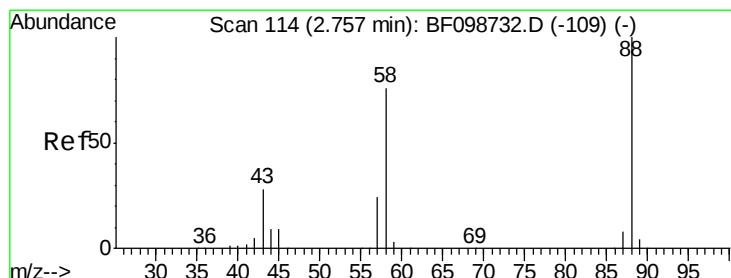
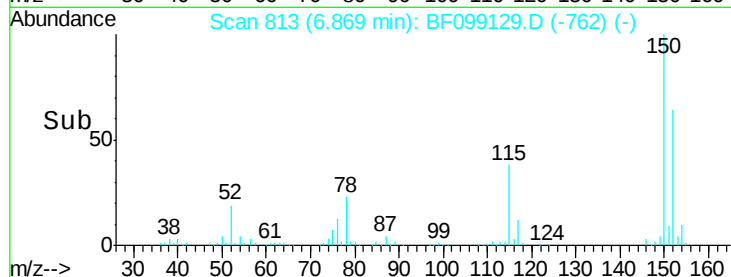
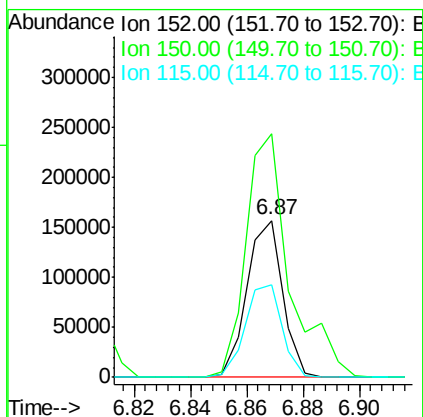
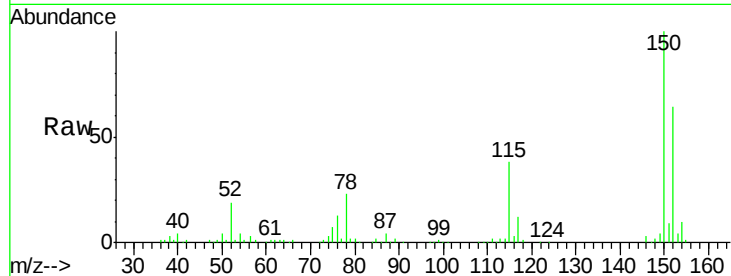


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Instrument :
BNA_F
ClientSampleId :

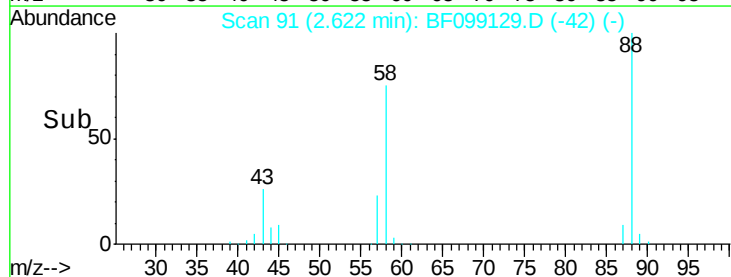
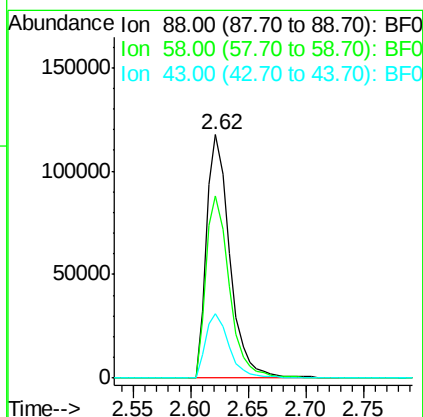
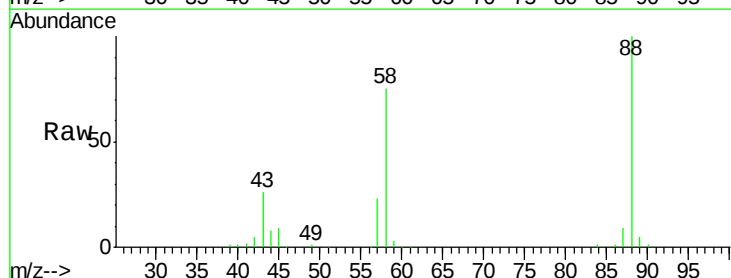
Tot Ion:152 Resp: 138408
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 59.4 50.1 75.1

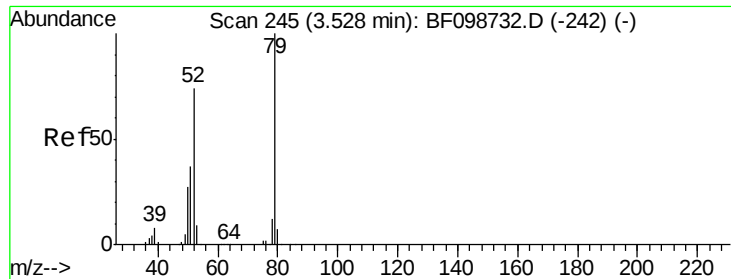


#2

1,4-Dioxane
Concen: 39.95 ng
RT: 2.62 min Scan# 91
Delta R.T. -0.01 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Tgt Ion: 88 Resp: 165931
Ion Ratio Lower Upper
88 100
58 75.5 62.6 93.8
43 26.6 24.6 37.0

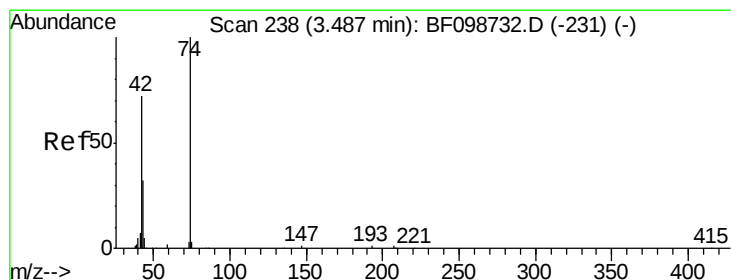
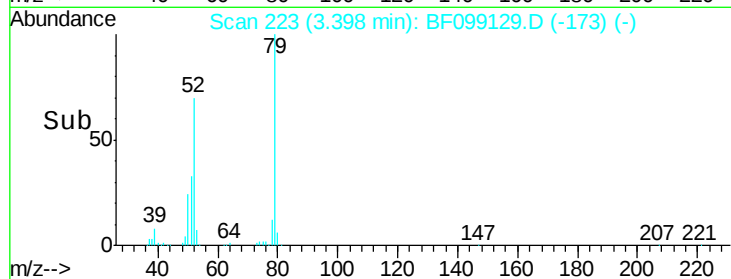
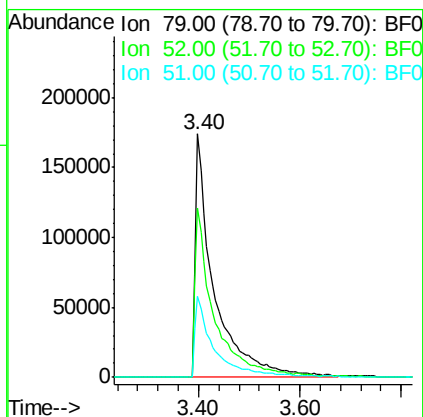
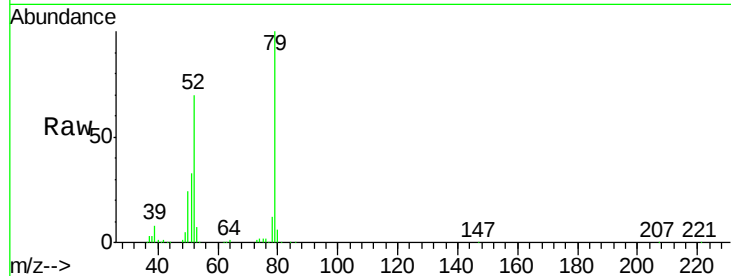




#3
 Pvridine
 Concen: 39.61 ng
 RT: 3.40 min Scan# 223
 Delta R.T. -0.01 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

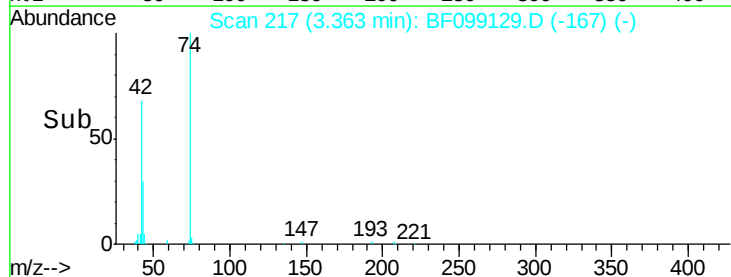
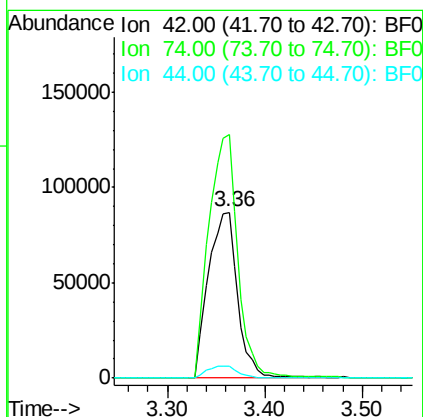
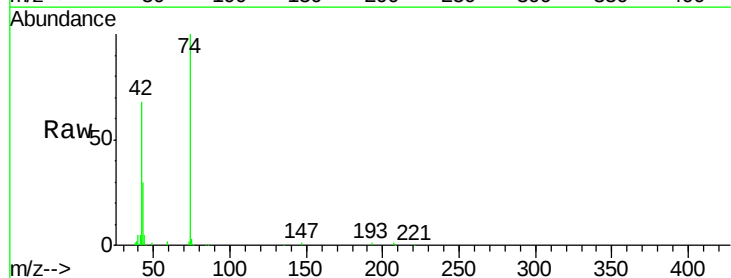
Instrument :
 BNA_F
 ClientSampleId :

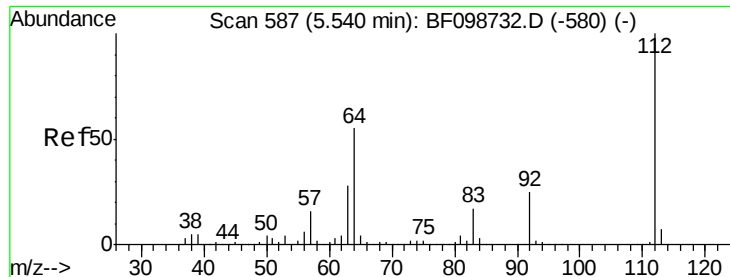
Tot Ion	Ratio	Lower	Upper
79	100		
52	69.8	59.8	89.6
51	33.1	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 37.85 ng
 RT: 3.36 min Scan# 217
 Delta R.T. -0.01 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.0	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 81.08 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

Instrument :

BNA_F

ClientSampled :

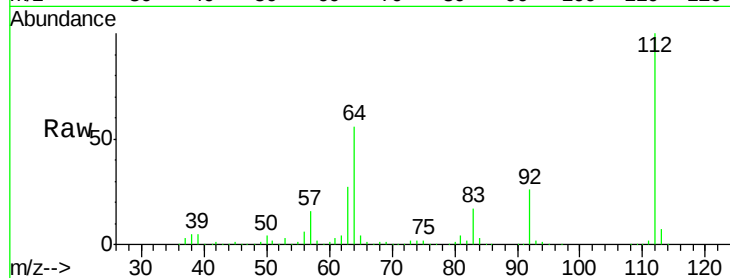
Tot Ion:112 Resp: 704984

Ion Ratio Lower Upper

112 100

64 55.8 47.9 71.9

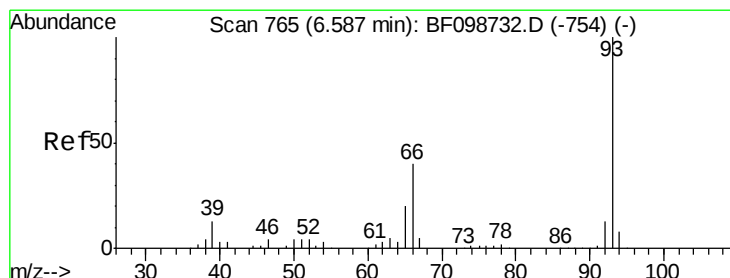
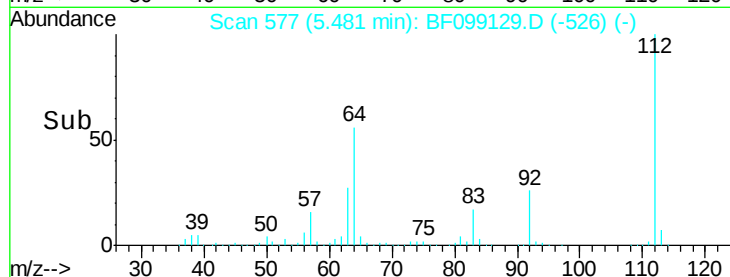
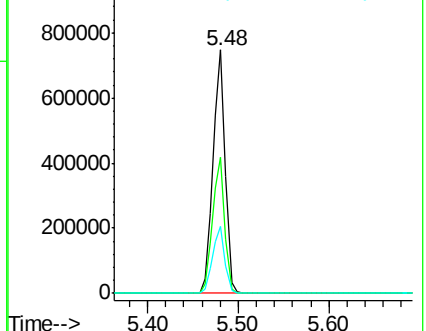
63 27.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.38 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

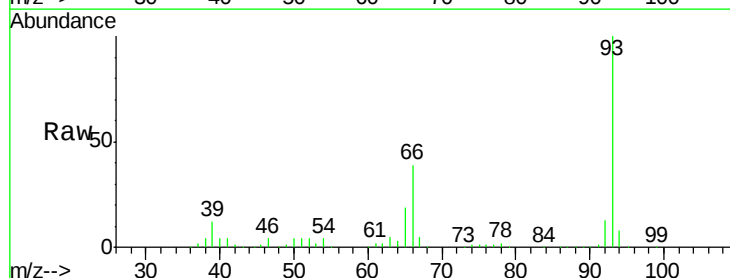
Tgt Ion: 93 Resp: 570110

Ion Ratio Lower Upper

93 100

66 38.9 32.2 48.2

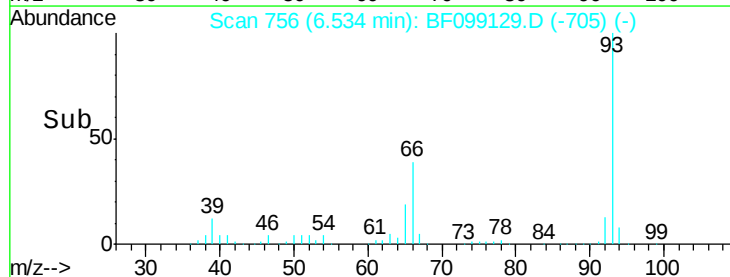
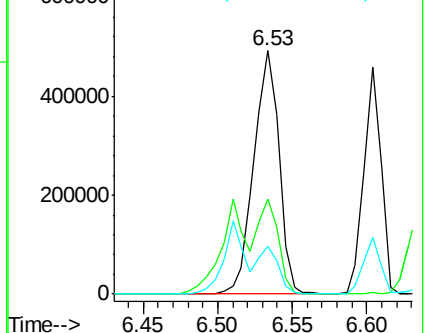
65 19.5 16.4 24.6

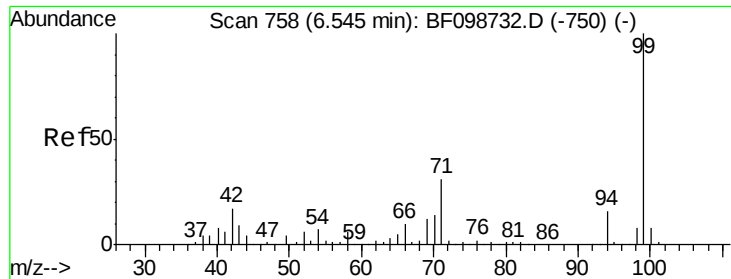


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.17 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

Instrument :

BNA_F

ClientSampleId :

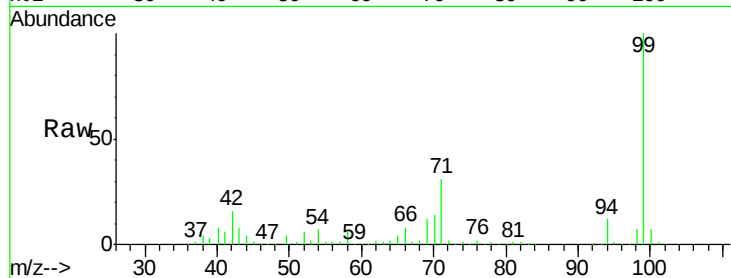
Tot Ion: 99 Resp: 859914

Ion Ratio Lower Upper

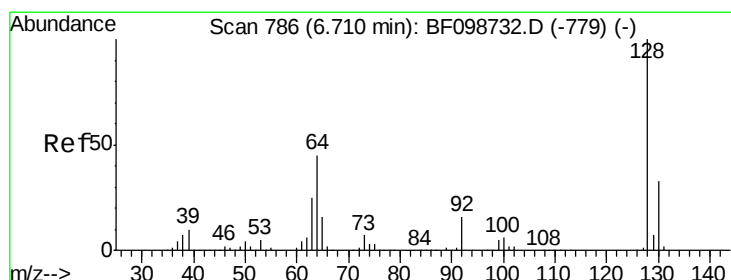
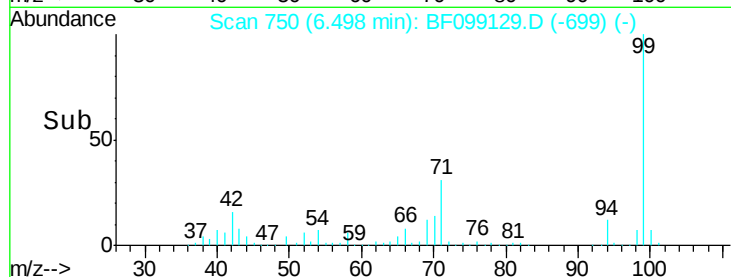
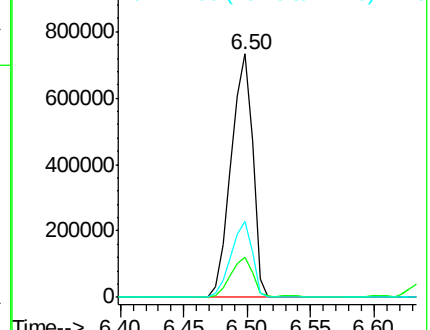
99 100

42 16.2 14.5 21.7

71 31.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.65 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

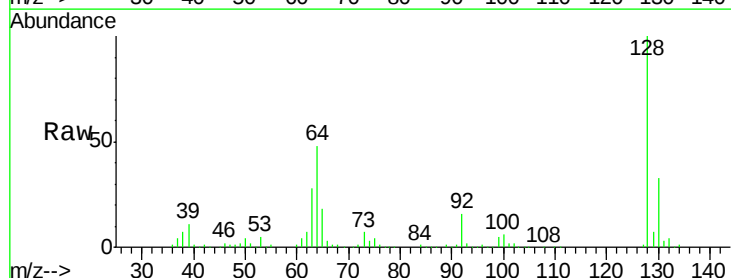
Tgt Ion: 128 Resp: 390447

Ion Ratio Lower Upper

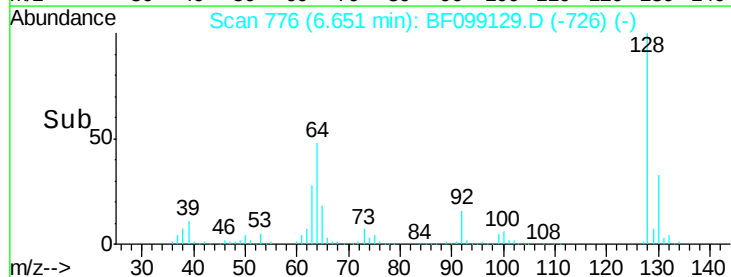
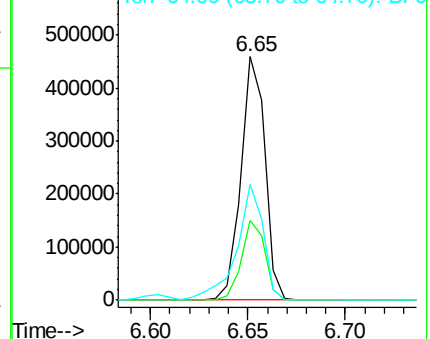
128 100

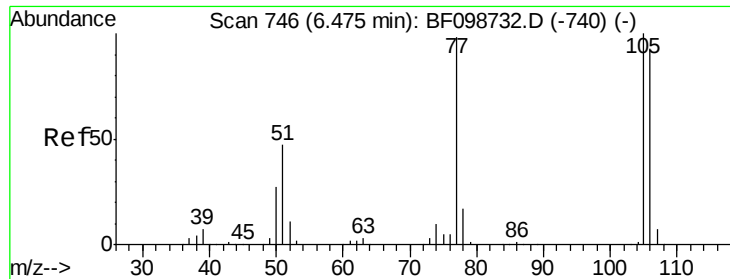
130 32.8 13.0 53.0

64 47.6 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): BF0





#9

Benzaldehyde

Concen: 36.75 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

Instrument :

BNA_F

ClientSampleId :

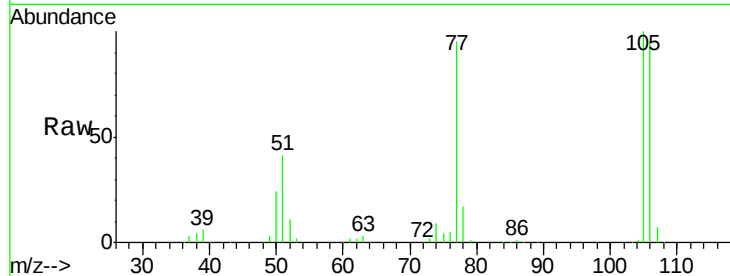
Tot Ion: 77 Resp: 228647

Ion Ratio Lower Upper

77 100

105 105.3 81.1 121.1

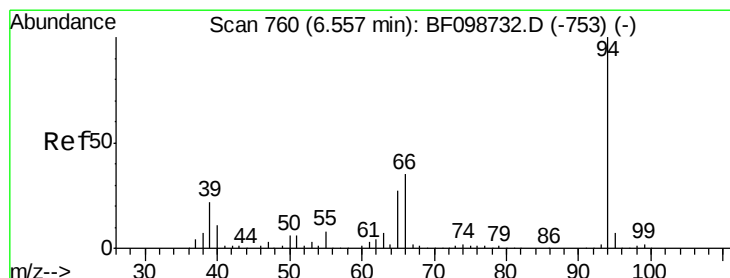
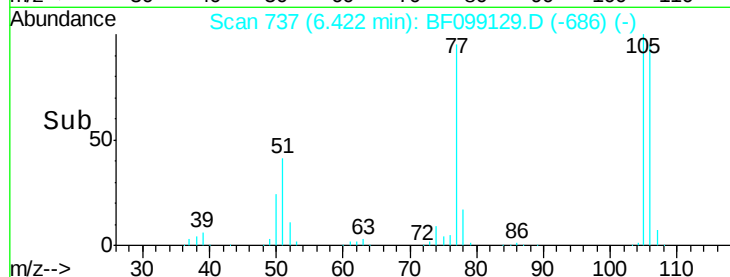
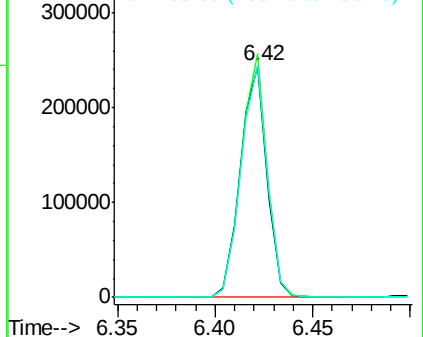
106 100.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.15 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

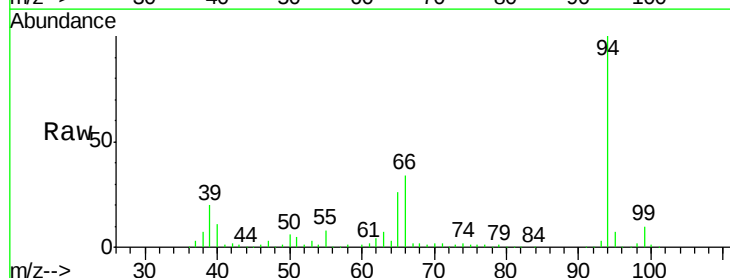
Tgt Ion: 94 Resp: 505627

Ion Ratio Lower Upper

94 100

65 26.4 7.9 47.9

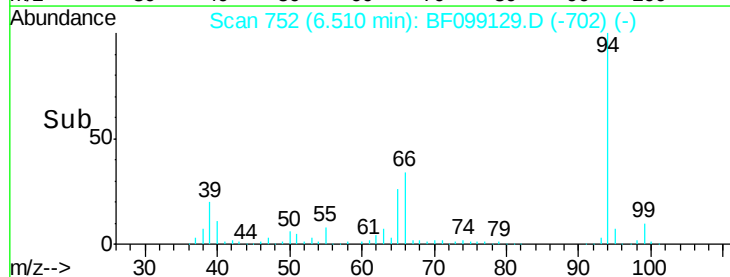
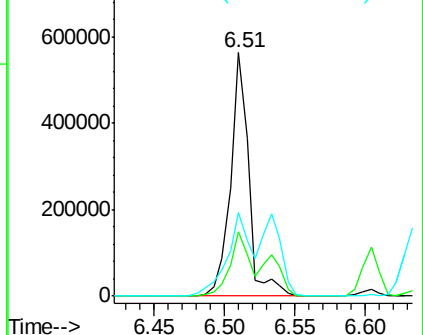
66 34.2 16.2 56.2

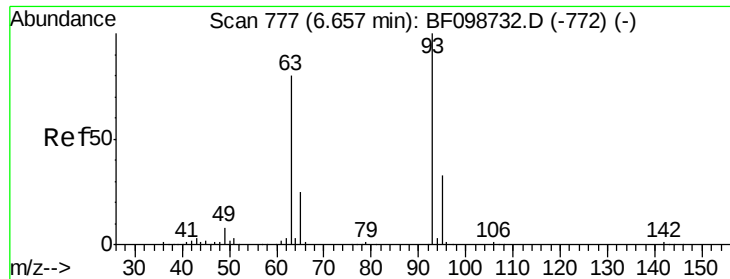


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

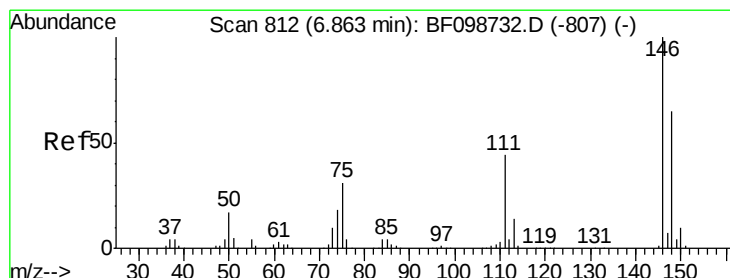
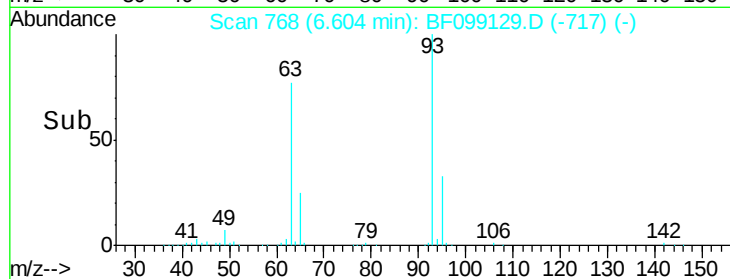
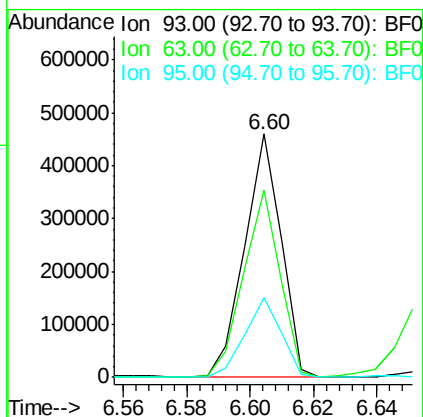
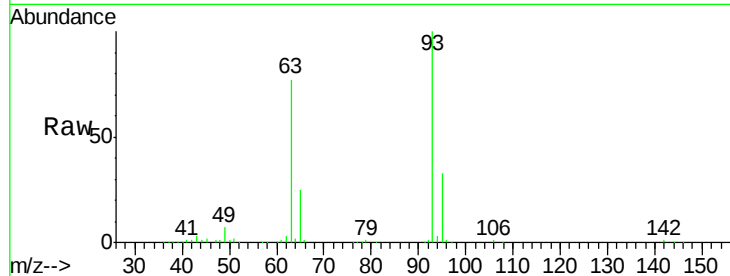




#11
bis(2-Chloroethyl)ether
Concen: 39.27 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

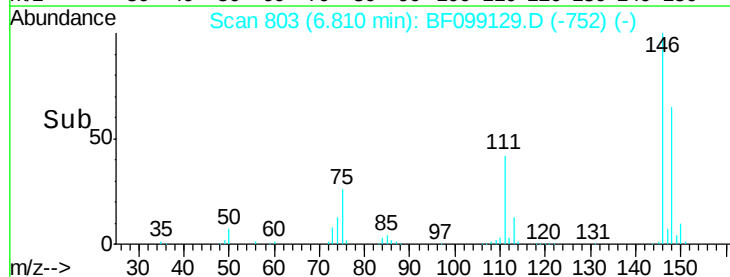
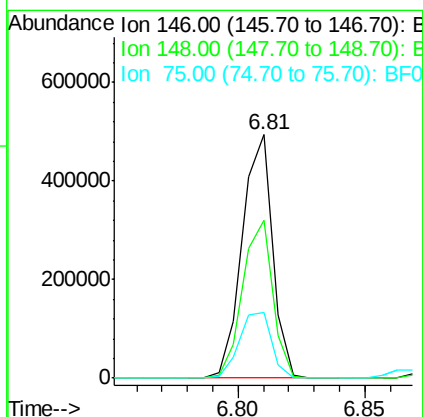
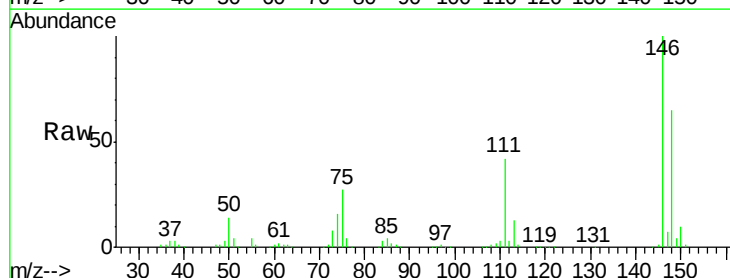
Instrument :
BNA_F
ClientSampleId :

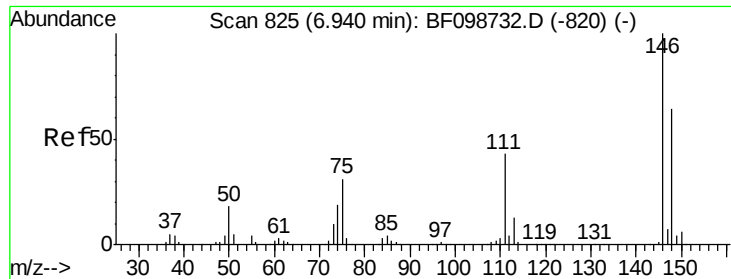
Tot Ion: 93 Resp: 366204
Ion Ratio Lower Upper
93 100
63 76.8 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.75 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Tgt Ion: 146 Resp: 409853
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.8
75 26.7 24.2 36.4

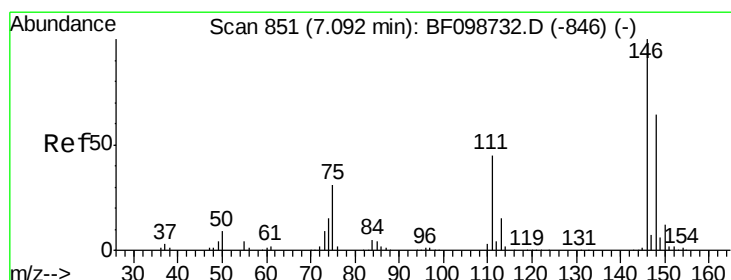
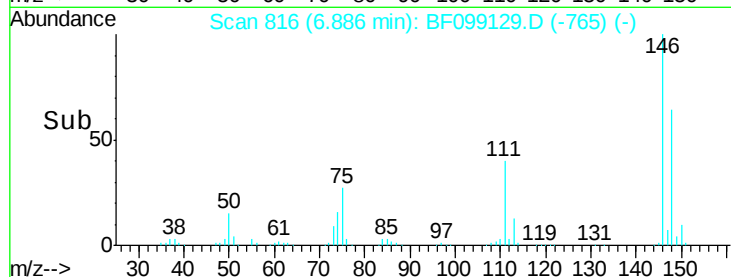
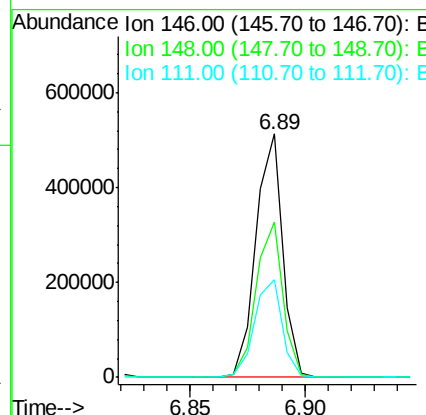
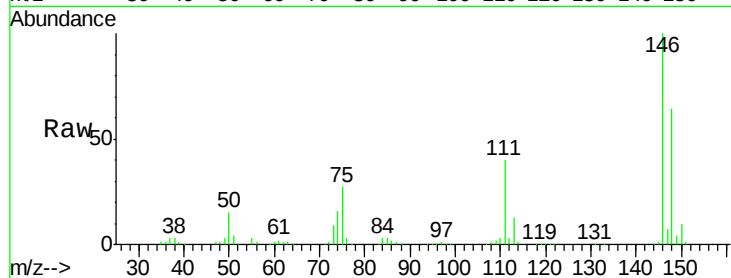




#13
 1,4-Dichlorobenzene
 Concen: 39.68 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

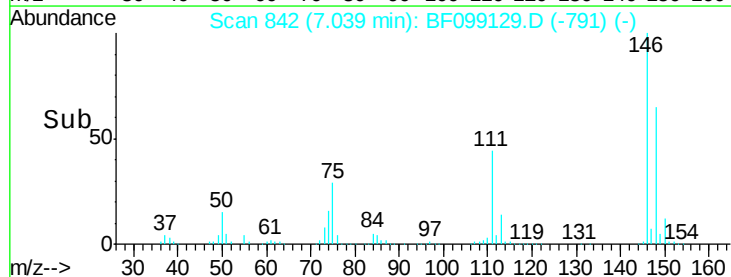
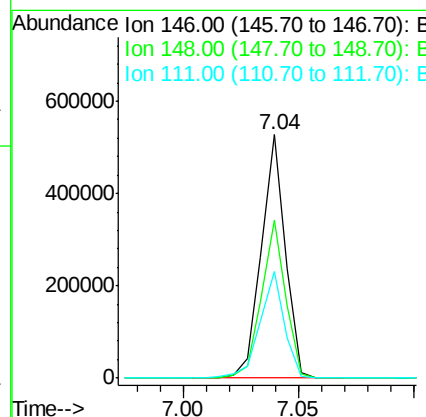
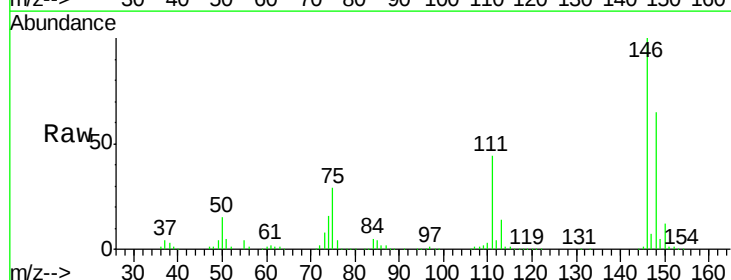
Instrument :
 BNA_F
 ClientSampleId :

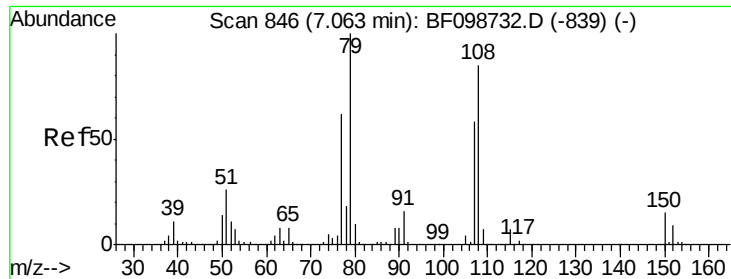
Tot Ion:146 Resp: 416280
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 40.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.53 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

Tgt Ion:146 Resp: 383220
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.6 75.8
 111 44.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.83 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

Instrument :

BNA_F

ClientSampled :

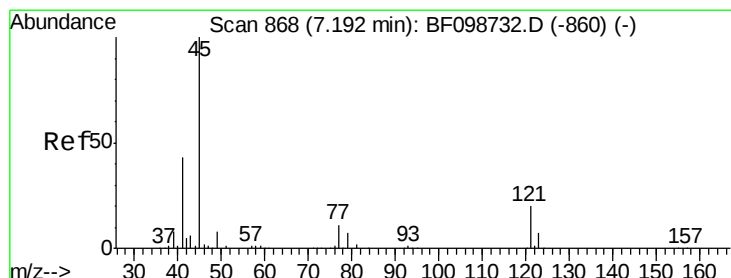
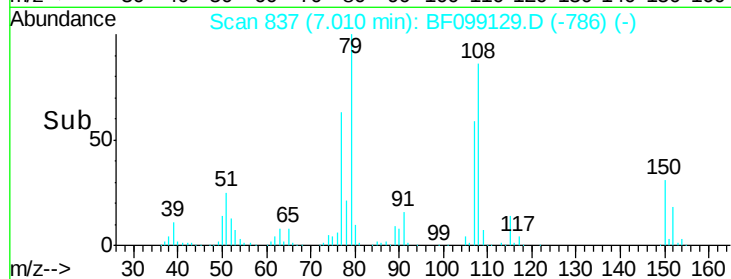
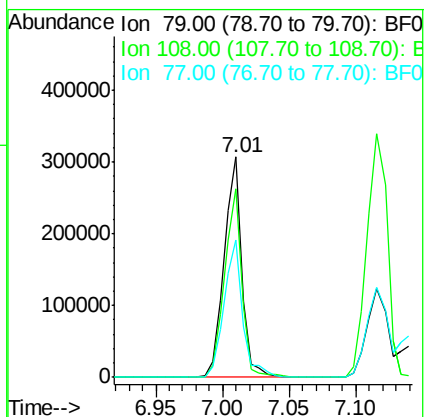
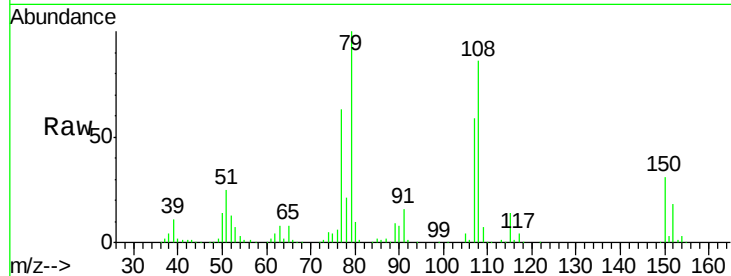
Tot Ion: 79 Resp: 289814

Ion Ratio Lower Upper

79 100

108 85.5 65.1 97.7

77 62.5 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.48 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

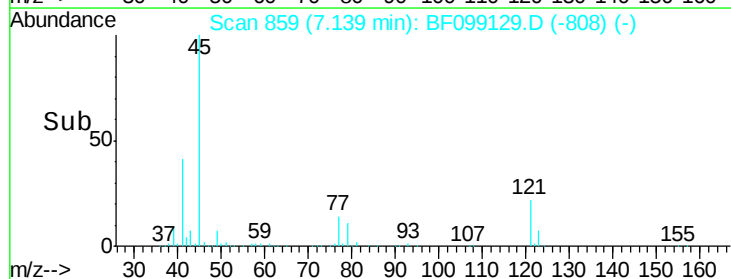
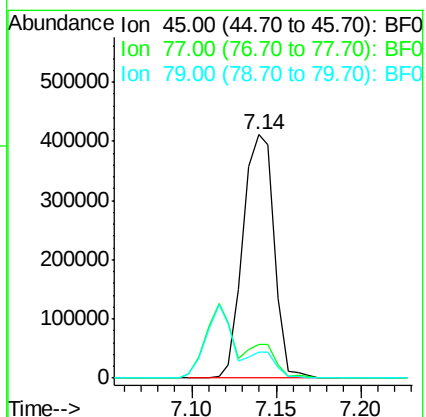
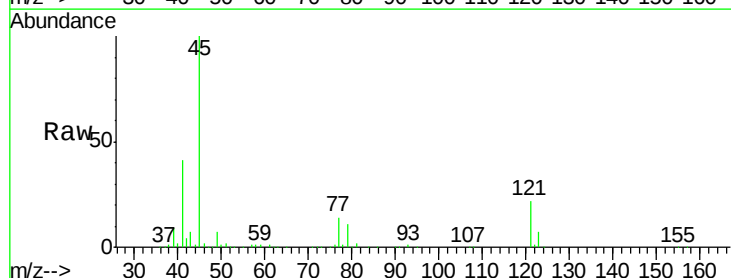
Tgt Ion: 45 Resp: 530027

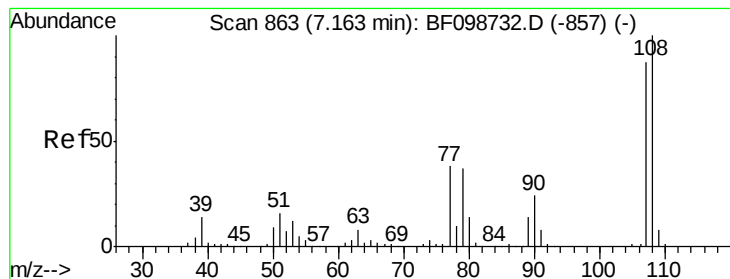
Ion Ratio Lower Upper

45 100

77 13.9 0.0 32.9

79 10.7 0.0 29.6

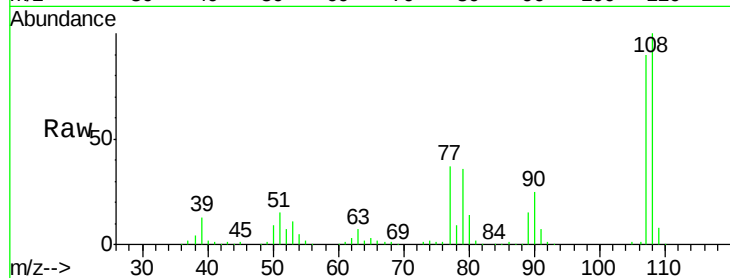




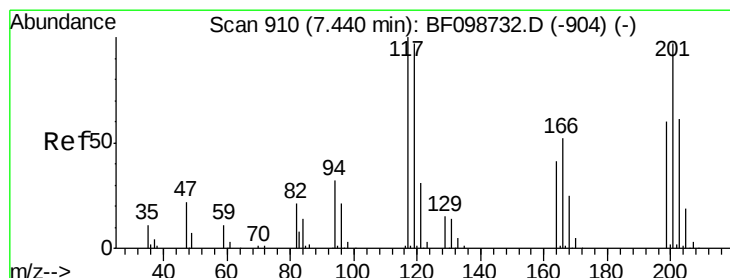
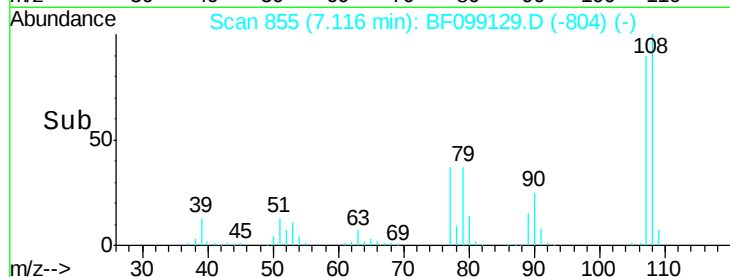
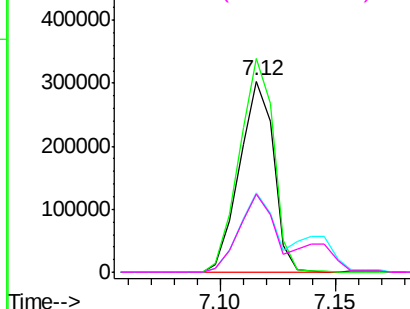
#17
2-Methylphenol
Concen: 39.15 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 315404
Ion Ratio Lower Upper
107 100
108 111.6 91.7 137.5
77 41.4 33.8 50.8
79 40.7 33.8 50.8

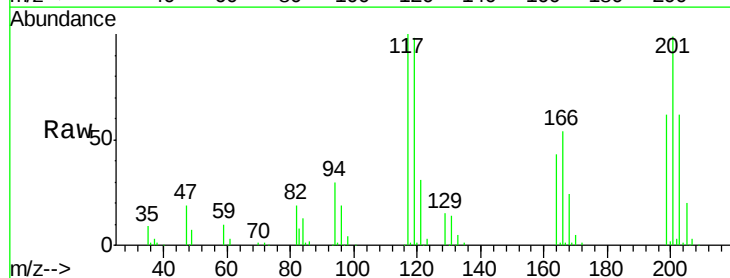


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

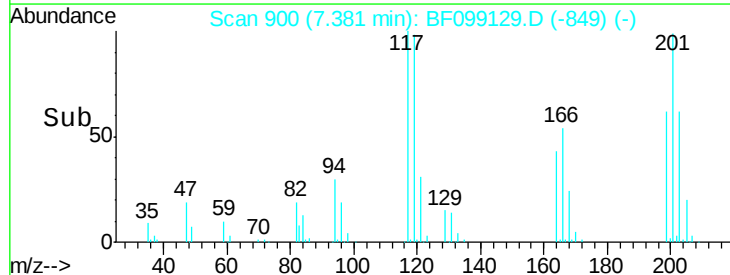
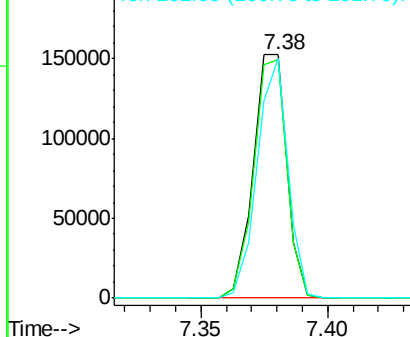


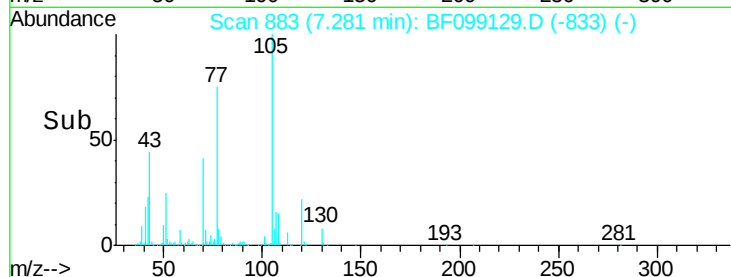
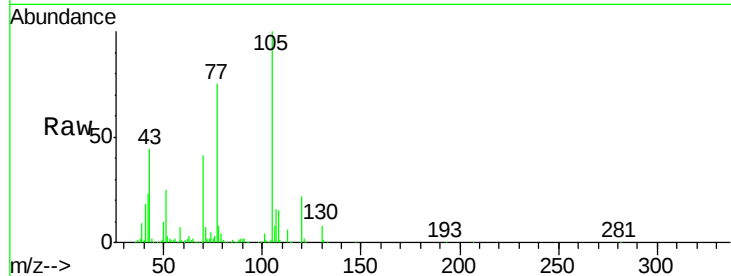
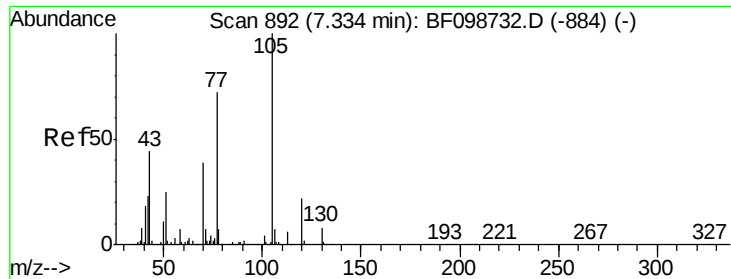
#18
Hexachloroethane
Concen: 37.38 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Tgt Ion:117 Resp: 140967
Ion Ratio Lower Upper
117 100
119 98.1 75.8 113.8
201 98.6 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

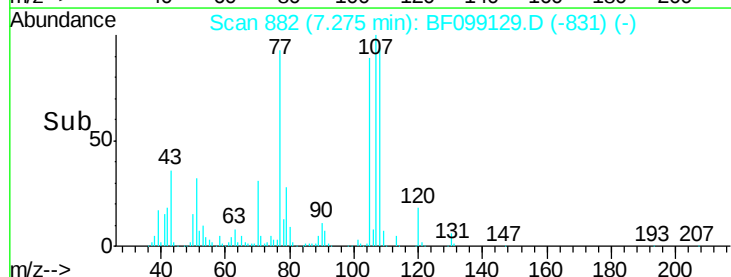
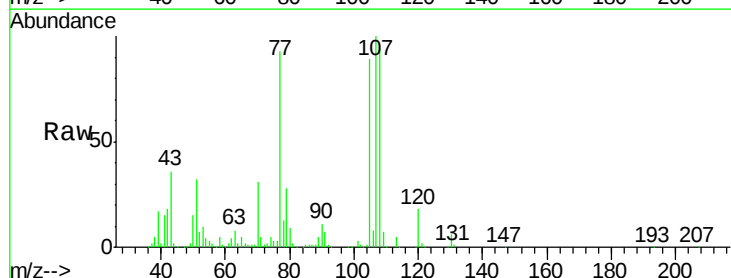
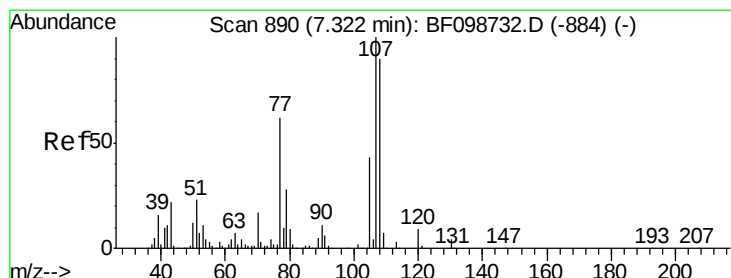
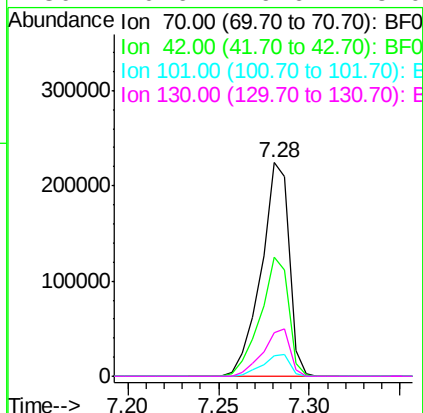




#19
n-Nitroso-di-n-propylamine
Concen: 35.15 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

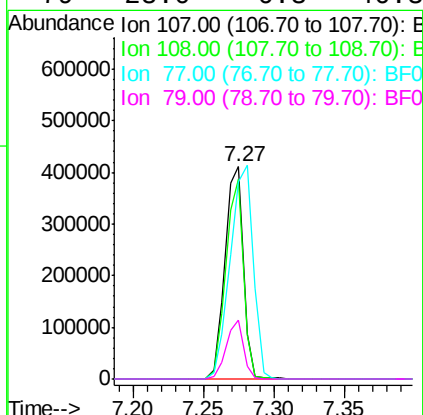
Instrument :
BNA_F
ClientSampleId :

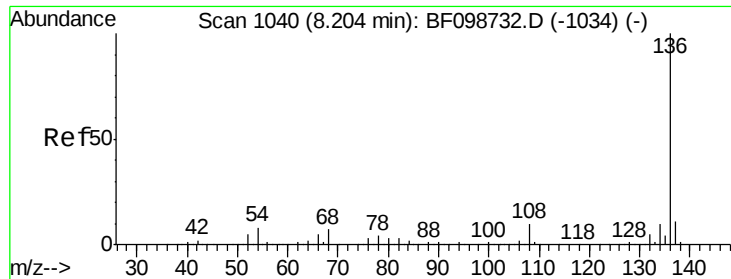
Tot Ion:	70	Resp:	240729
Ion	Ratio	Lower	Upper
70	100		
42	55.8	47.5	71.3
101	9.7	7.4	11.2
130	20.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.66 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Tgt Ion:	107	Resp:	373679
Ion	Ratio	Lower	Upper
107	100		
108	94.0	68.2	108.2
77	93.0	26.7	66.7#
79	28.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 555094

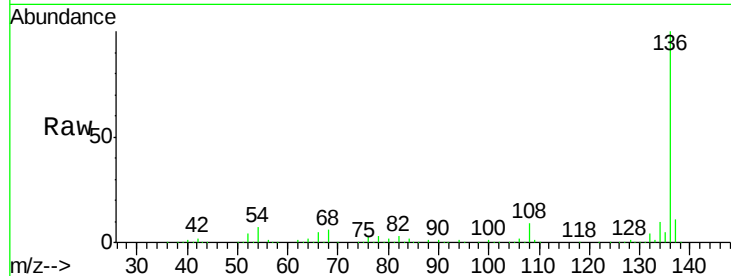
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 6.6 9.8

68 5.8 5.0 7.4

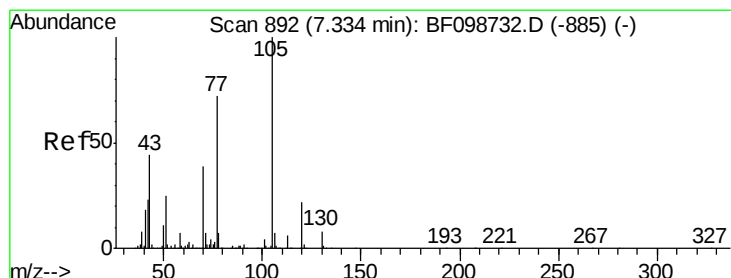
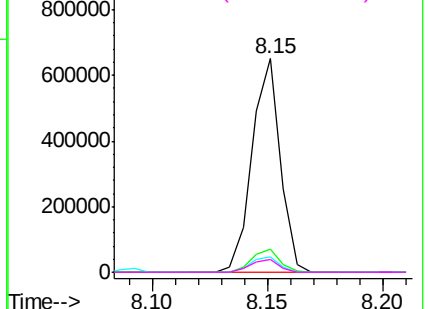
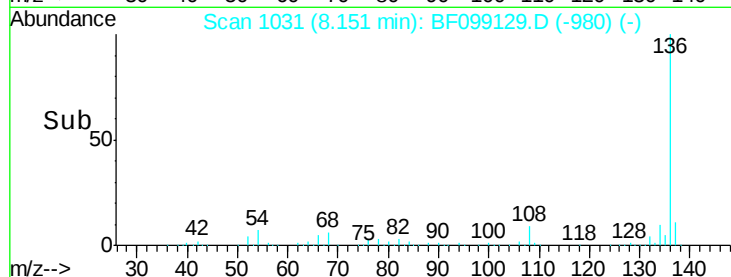


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.88 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

Tgt Ion:105 Resp: 509444

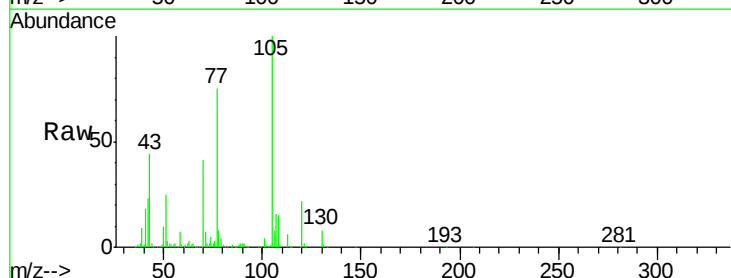
Ion Ratio Lower Upper

105 100

71 7.0 4.4 6.6#

51 24.8 22.3 33.5

120 21.6 16.9 25.3

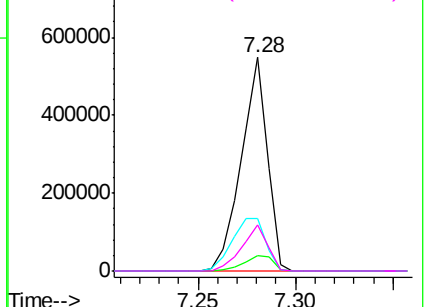
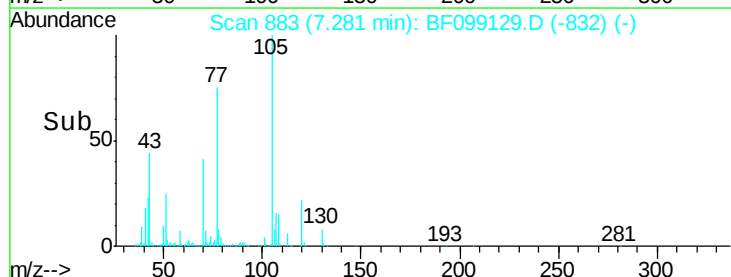


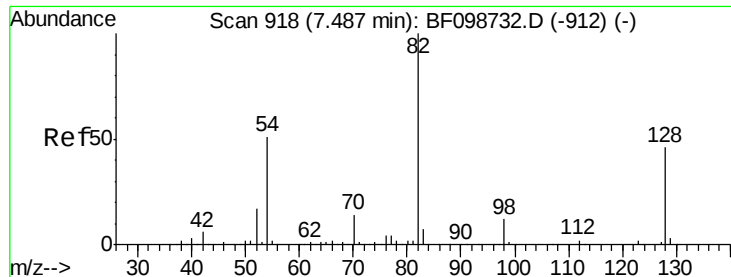
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

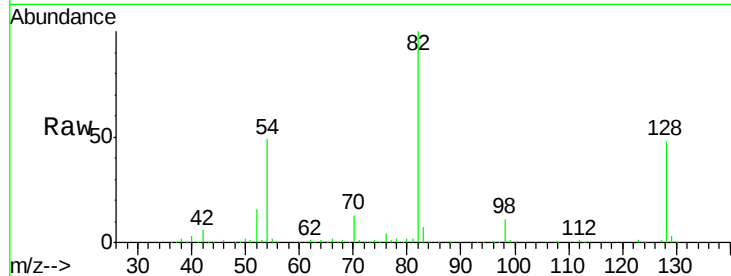




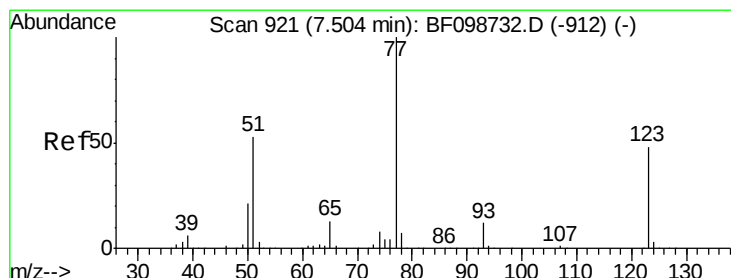
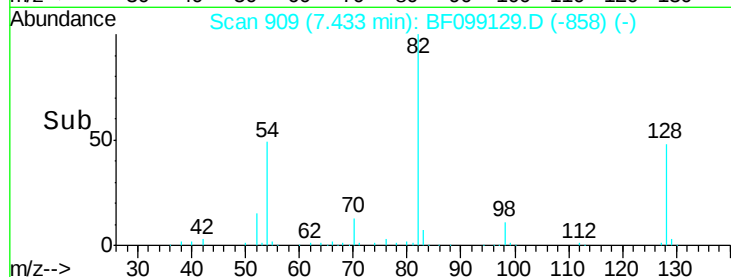
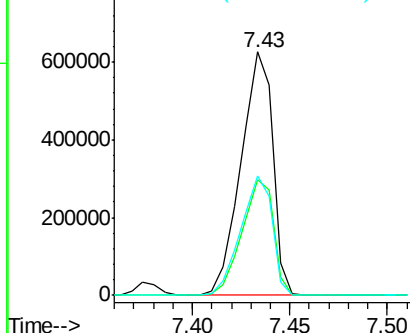
#23
Nitrobenzene-d5
Concen: 81.69 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 707119
Ion Ratio Lower Upper
82 100
128 47.6 36.1 54.1
54 48.8 41.4 62.2

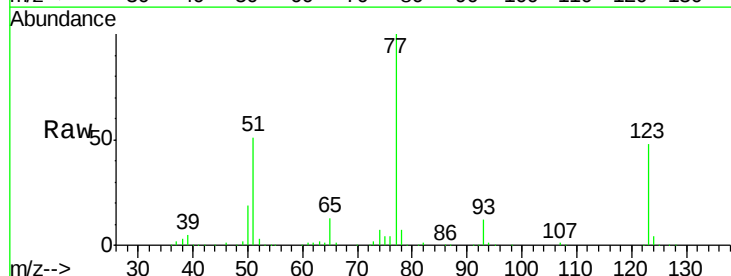


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

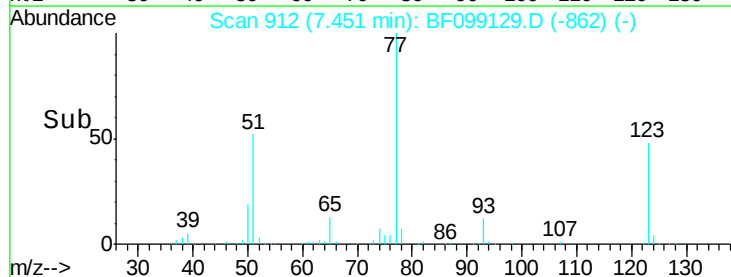
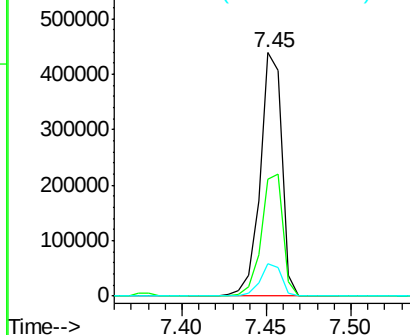


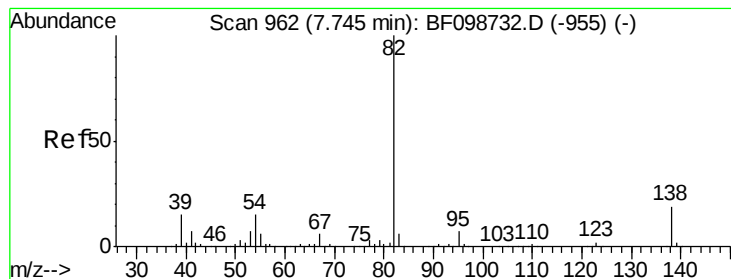
#24
Nitrobenzene
Concen: 39.81 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Tgt Ion: 77 Resp: 390868
Ion Ratio Lower Upper
77 100
123 48.3 37.9 56.9
65 13.2 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.04 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

Instrument :

BNA_F

ClientSampleId :

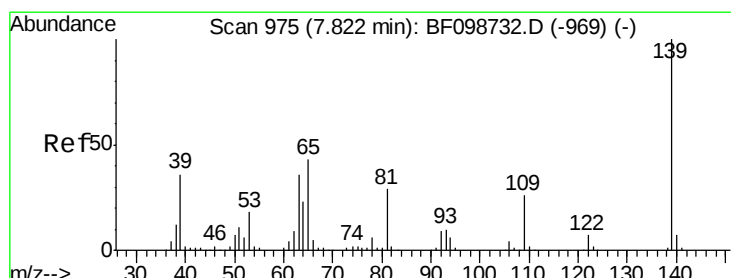
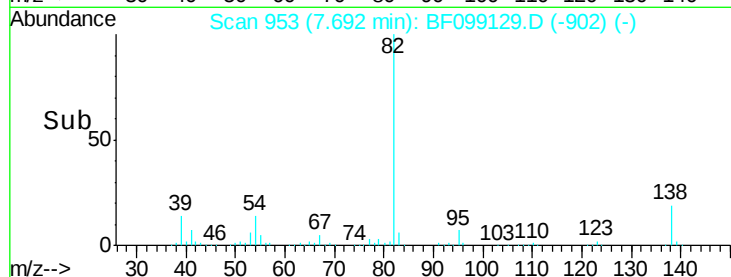
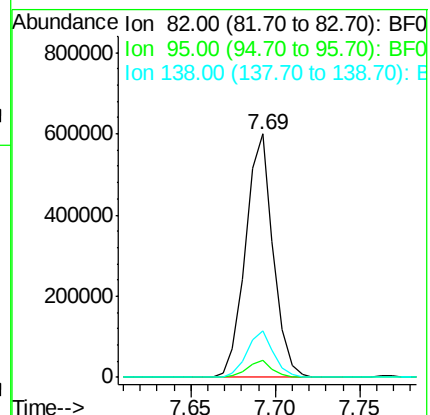
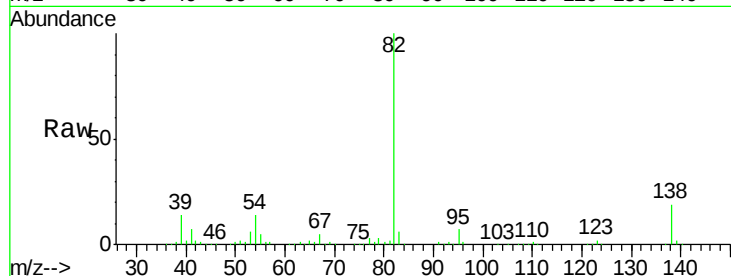
Tot Ion: 82 Resp: 680757

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 19.3 14.9 22.3



#26

2-Nitrophenol

Concen: 43.90 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

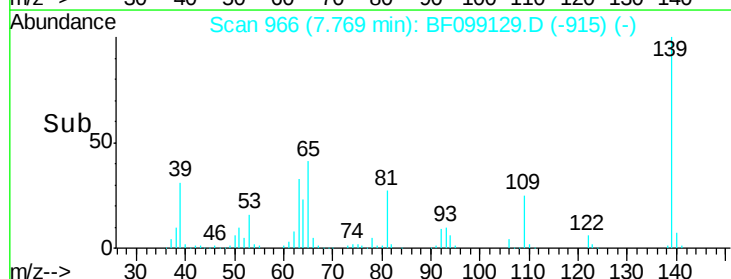
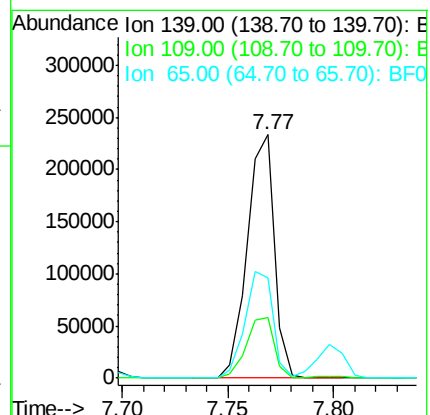
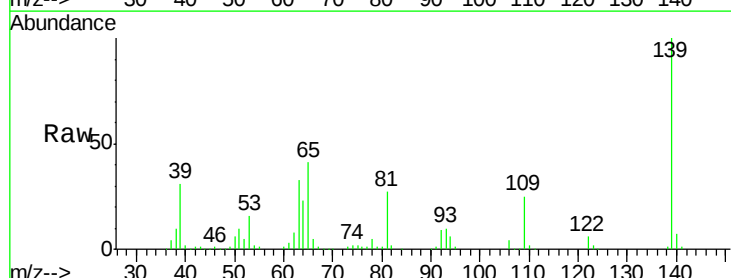
Tgt Ion: 139 Resp: 207289

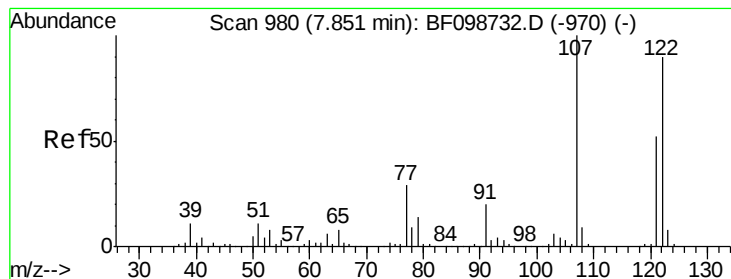
Ion Ratio Lower Upper

139 100

109 25.0 22.7 34.1

65 41.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.19 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

Instrument :

BNA_F

ClientSampleId :

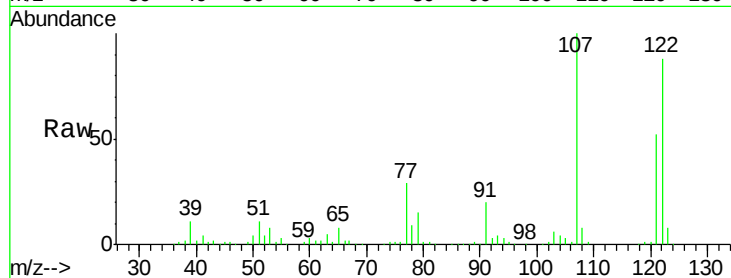
Tot Ion:122 Resp: 331585

Ion Ratio Lower Upper

122 100

107 113.5 91.2 136.8

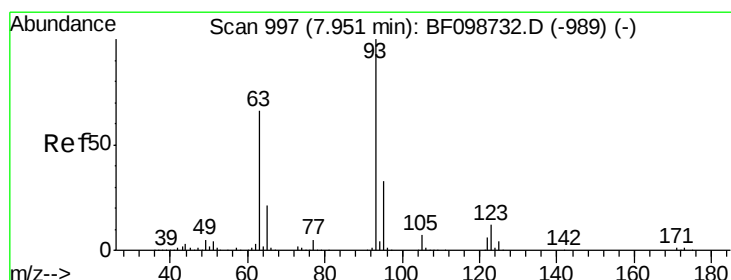
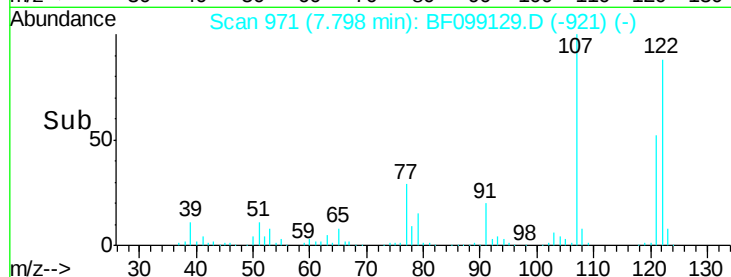
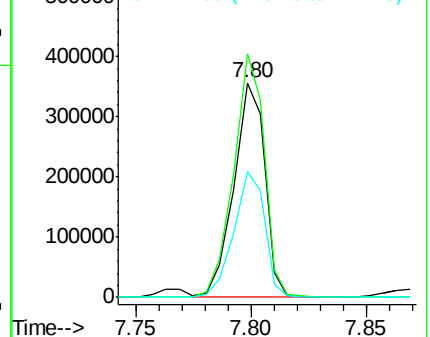
121 58.7 47.2 70.8



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: 39.07 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

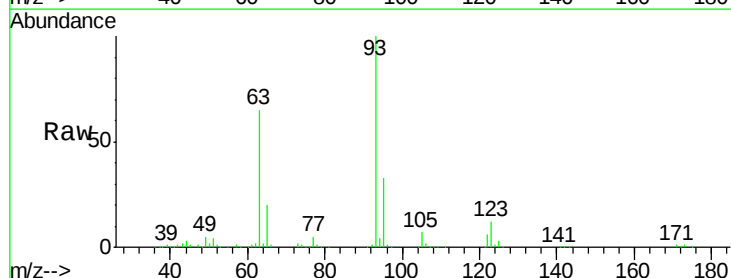
Tgt Ion: 93 Resp: 435678

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

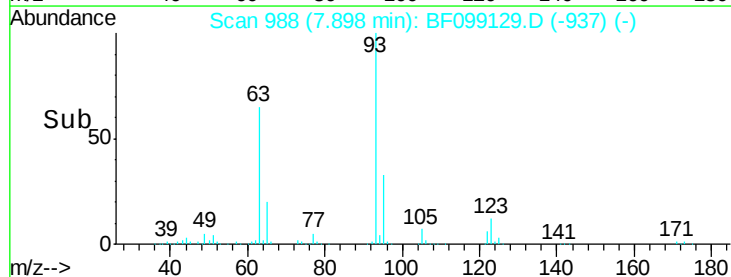
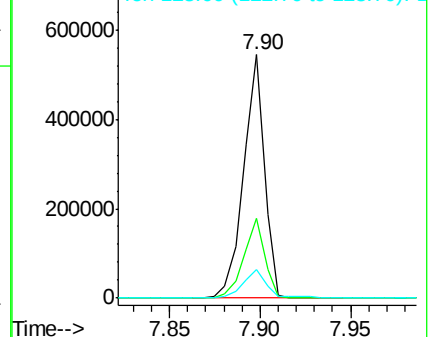
123 11.9 9.8 14.6

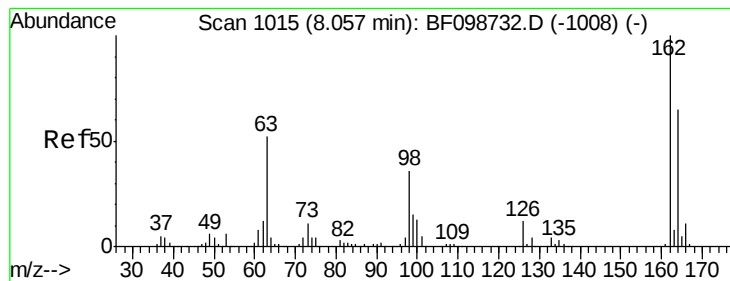


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.10 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

Instrument :

BNA_F

ClientSampleId :

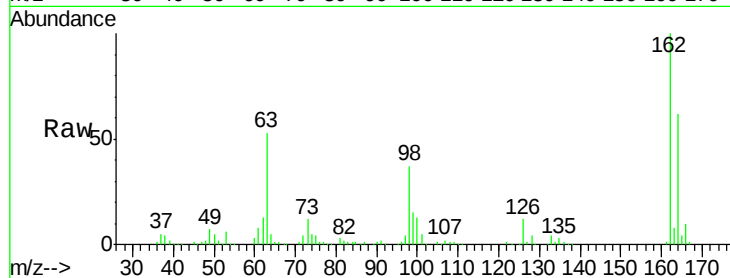
Tot Ion:162 Resp: 306973

Ion Ratio Lower Upper

162 100

164 61.9 42.7 82.7

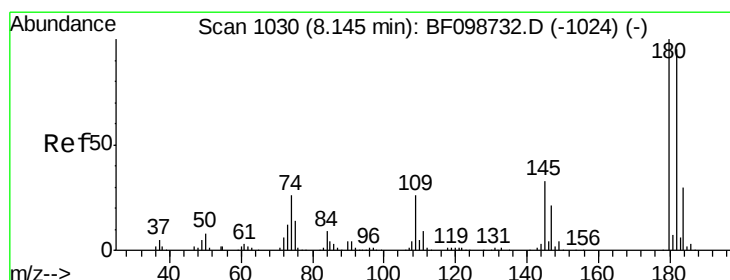
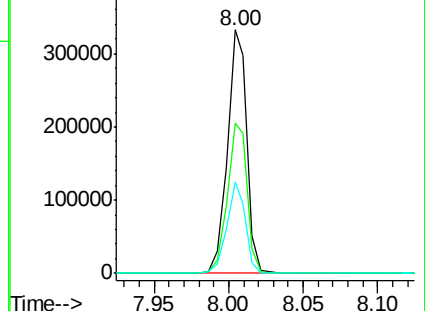
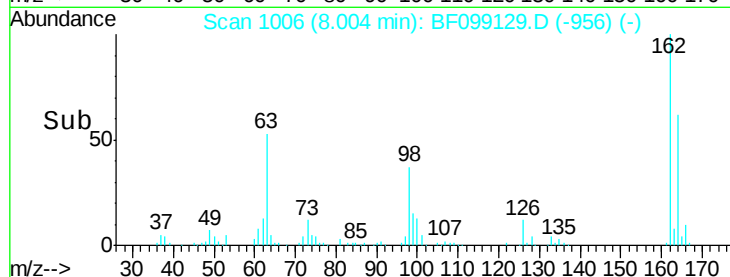
98 37.4 18.1 58.1



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): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.21 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

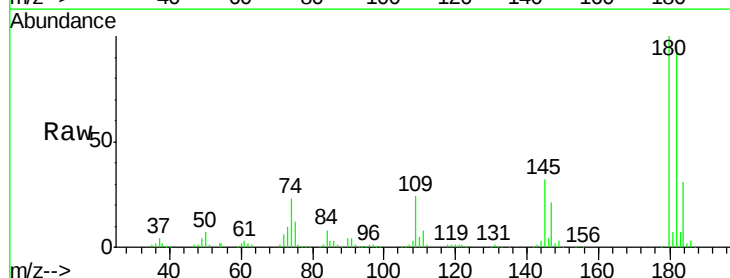
Tgt Ion:180 Resp: 307926

Ion Ratio Lower Upper

180 100

182 95.2 76.8 115.2

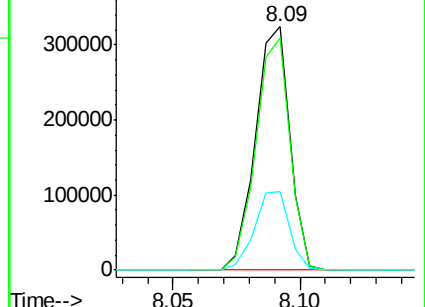
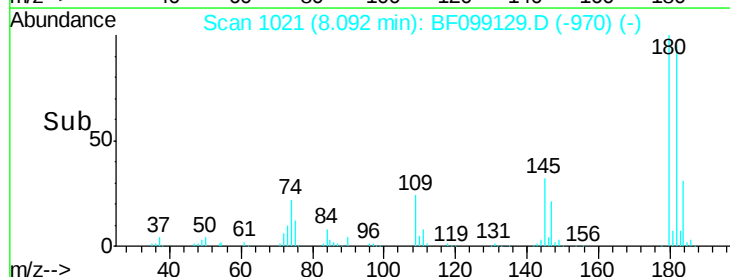
145 32.2 26.5 39.7

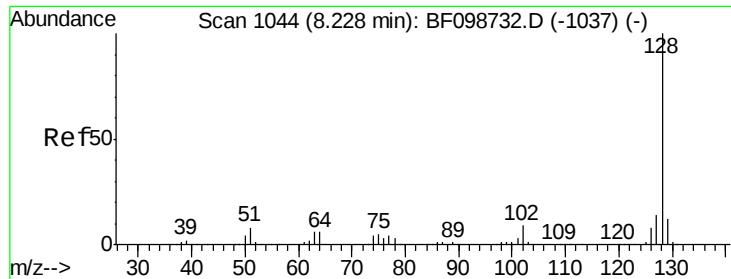


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

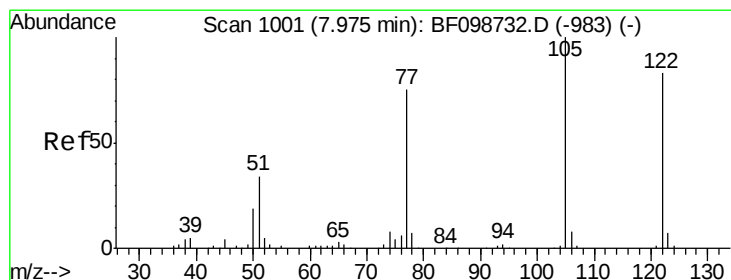
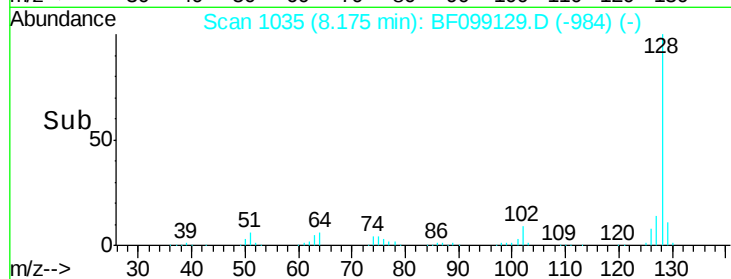
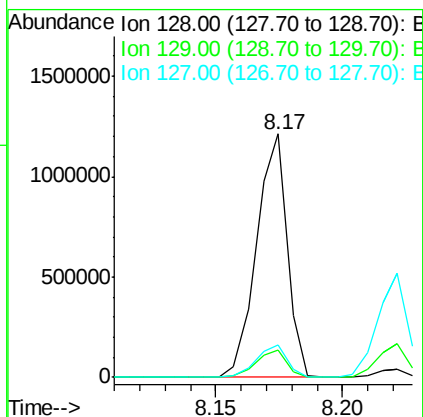
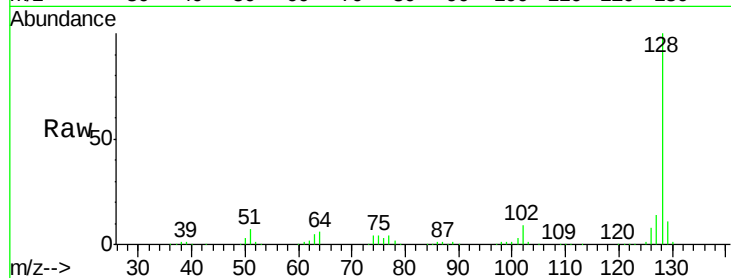




#31
Naphthalene
Concen: 39.35 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

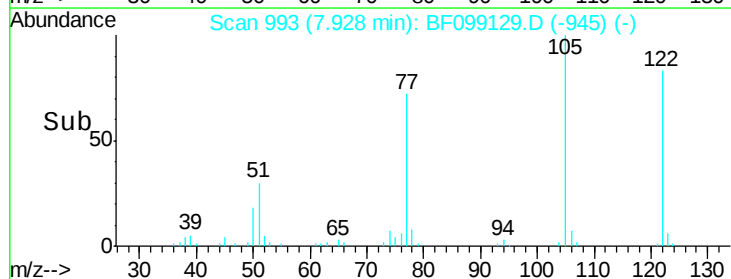
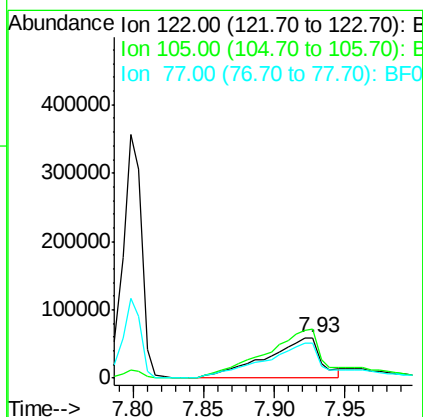
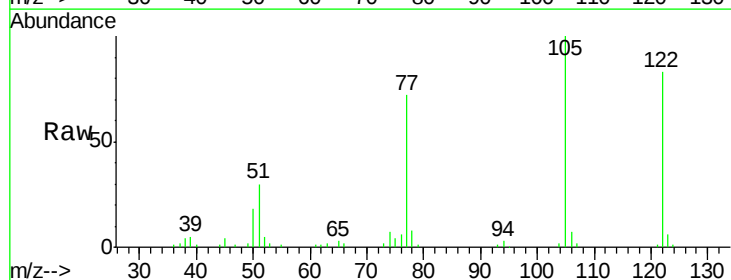
Instrument :
BNA_F
ClientSampleId :

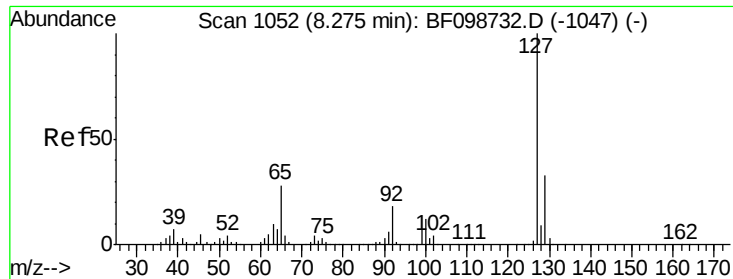
Tot Ion:128 Resp: 1025861
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 21.16 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Tgt Ion:122 Resp: 154988
Ion Ratio Lower Upper
122 100
105 120.3 101.1 141.1
77 86.2 70.7 110.7

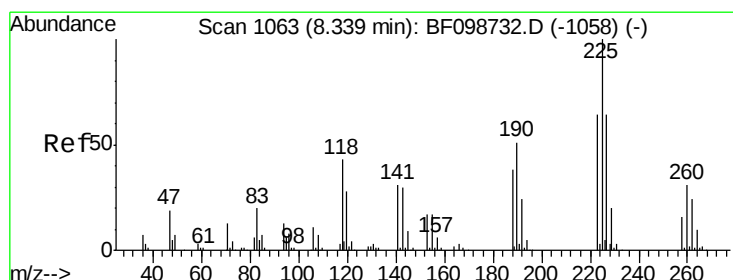
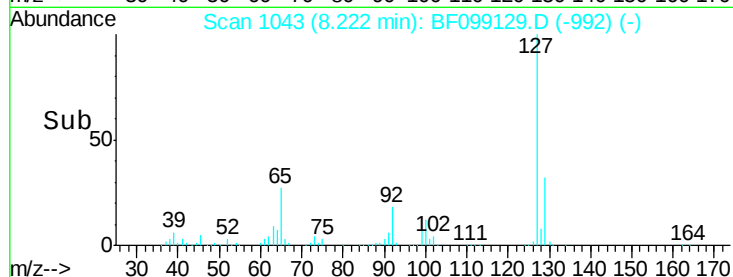
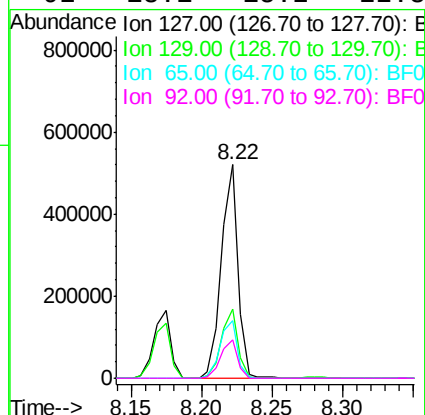
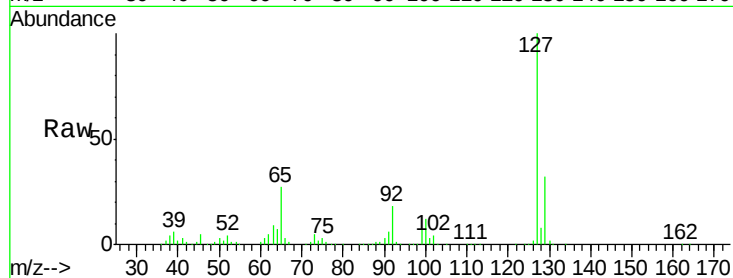




#33
4-Chloroaniline
Concen: 39.23 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

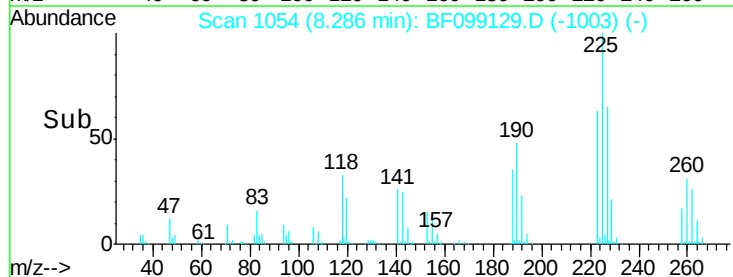
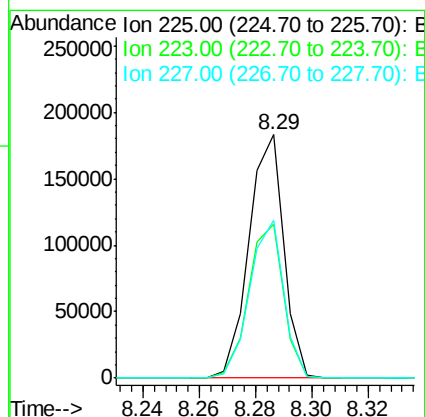
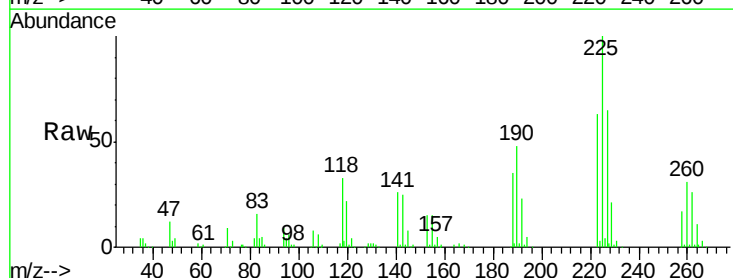
Instrument :
BNA_F
ClientSampleId :

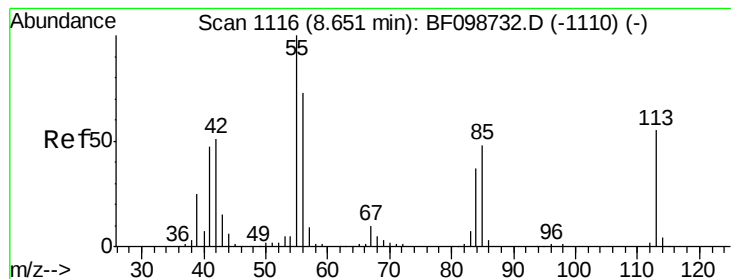
Tot Ion:	127	Resp:	427120
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	27.0	25.0	37.4
92	18.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.64 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Tgt Ion:	225	Resp:	156326
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	64.9	51.9	77.9





#35

Caprolactam

Concen: 36.45 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

Instrument :

BNA_F

ClientSampleId :

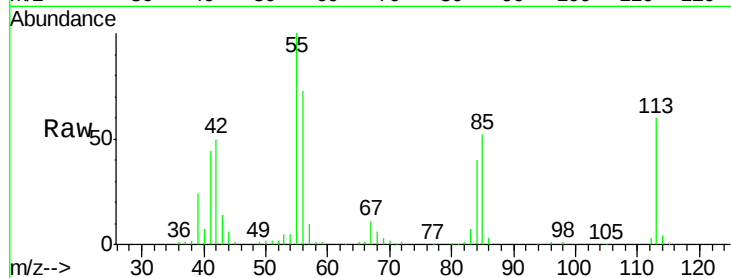
Tot Ion:113 Resp: 89509

Ion Ratio Lower Upper

113 100

55 165.4 163.3 203.3

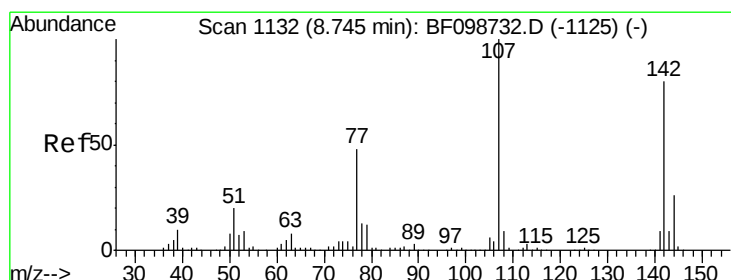
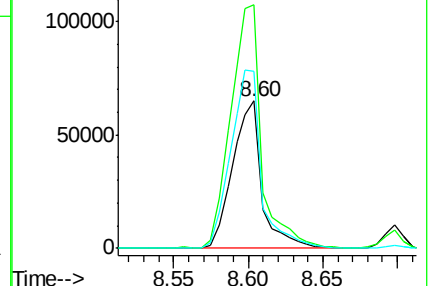
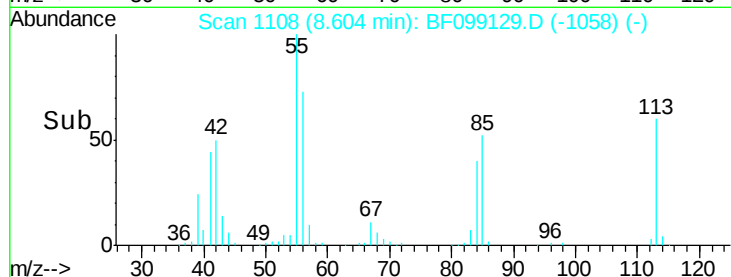
56 120.3 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.13 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

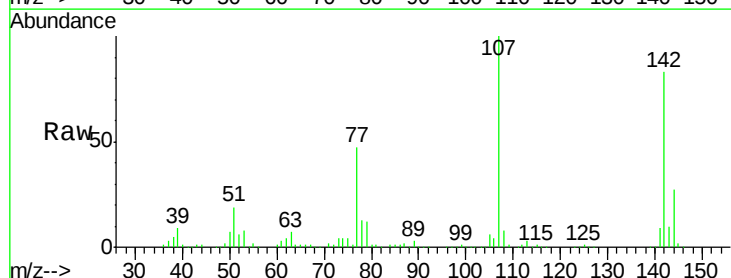
Tgt Ion:107 Resp: 319544

Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

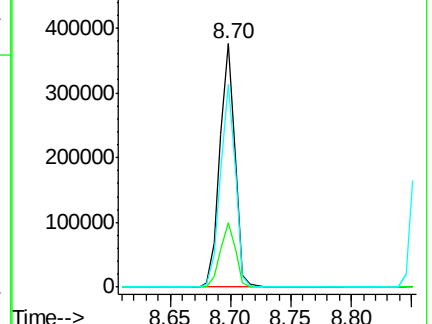
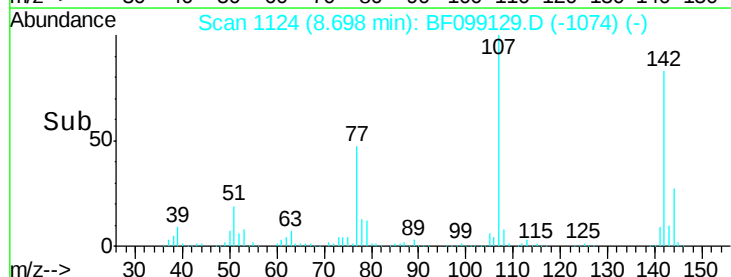
142 83.0 62.0 93.0

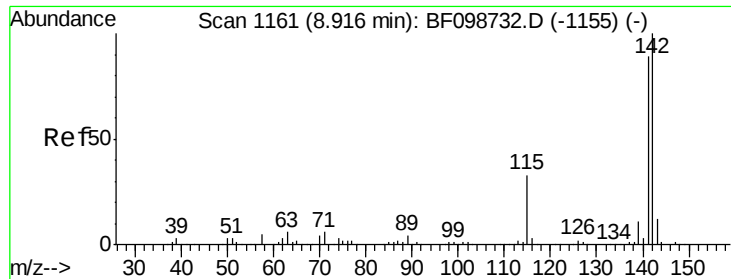


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

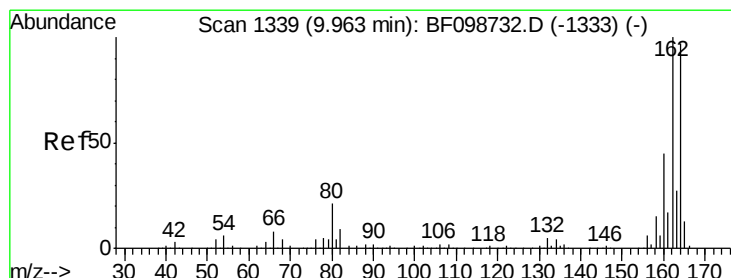
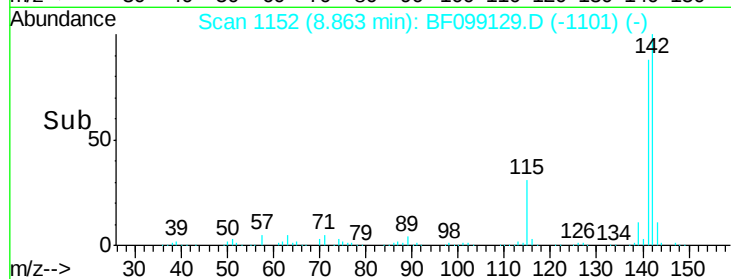
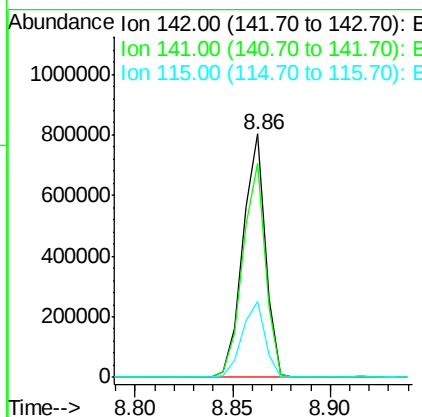
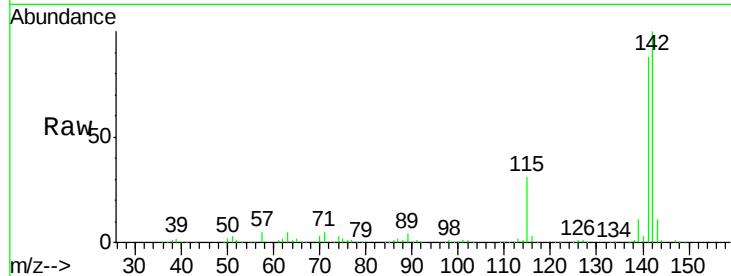




#37
2-Methylnaphthalene
Concen: 38.01 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

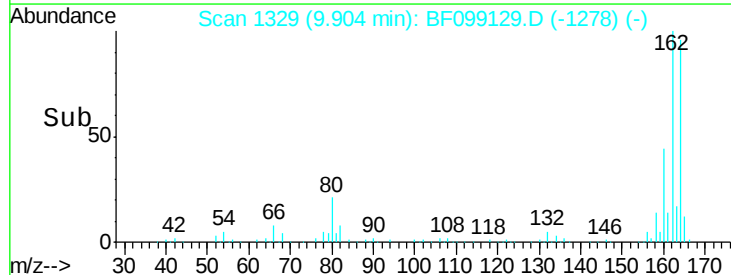
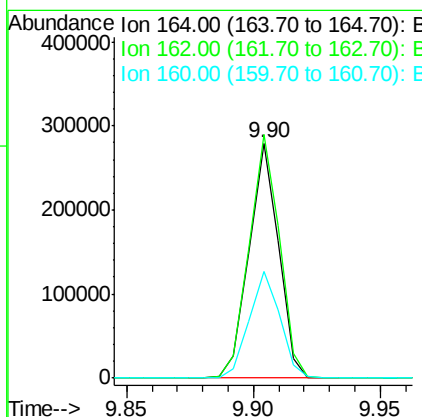
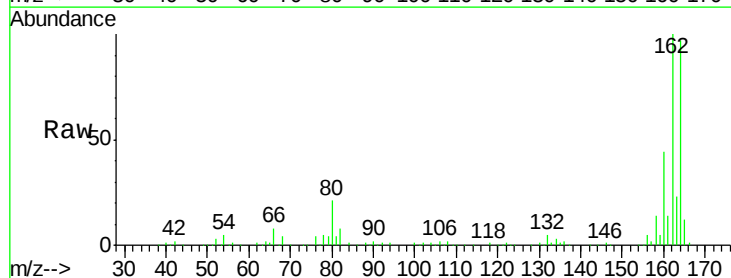
Instrument :
BNA_F
ClientSampleId :

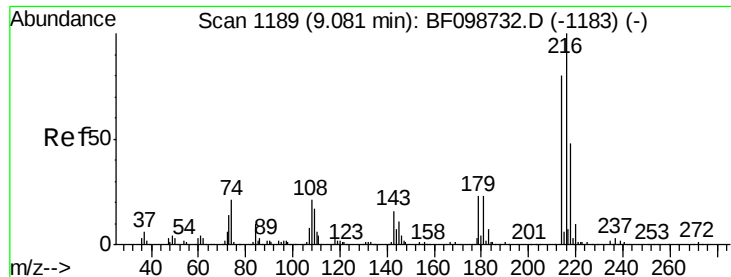
Tot Ion:142 Resp: 644193
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2
115 31.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Tgt Ion:164 Resp: 227641
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 45.6 38.3 57.5

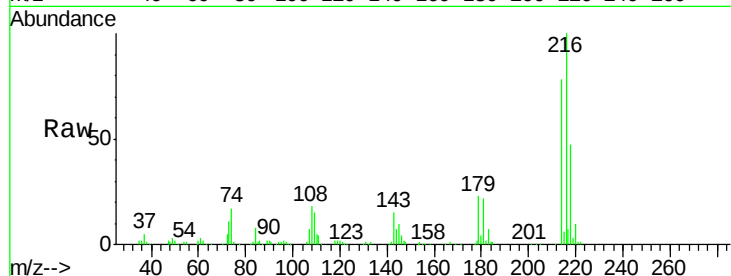




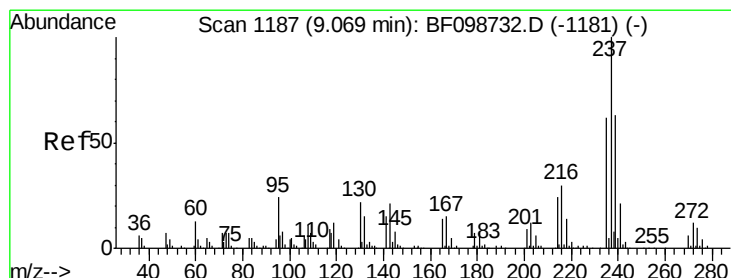
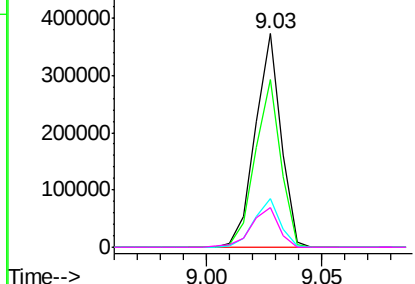
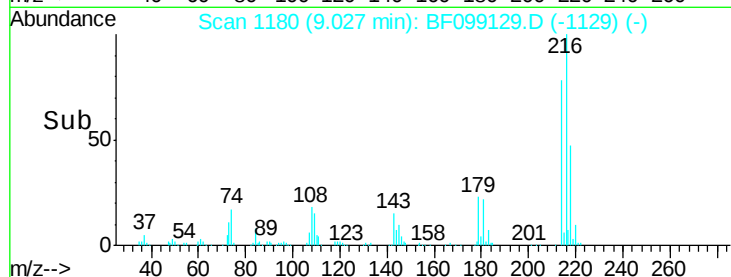
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.74 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	290171
Ion Ratio	Lower	Upper
216	100	
214	78.1	63.0 94.4
179	22.8	18.1 27.1
108	20.0	17.2 25.8

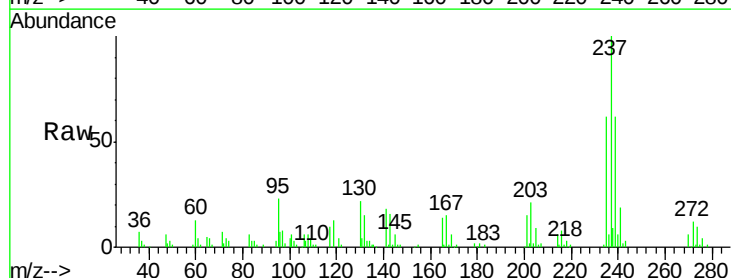


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

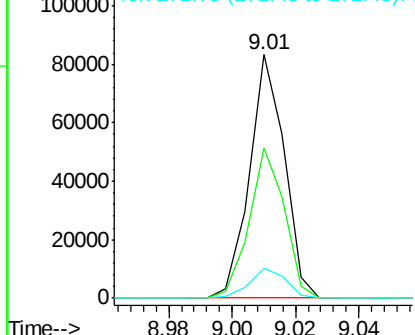
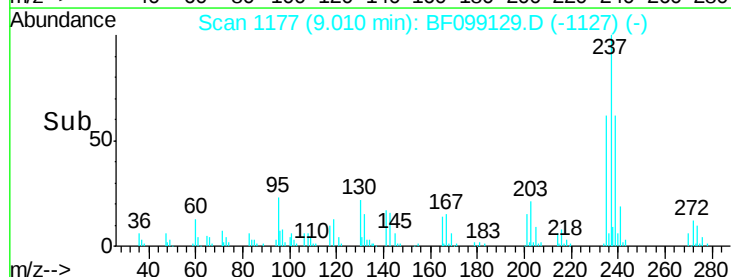


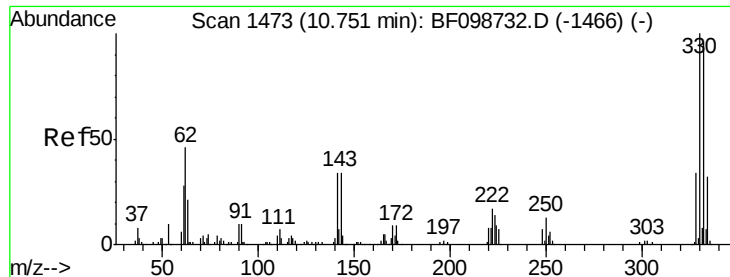
#40
 Hexachlorocyclopentadiene
 Concen: 20.44 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

Tgt Ion:237	Resp:	63410
Ion Ratio	Lower	Upper
237	100	
235	61.6	44.8 84.8
272	12.3	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

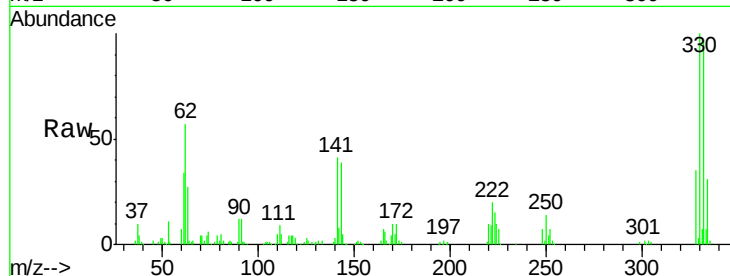




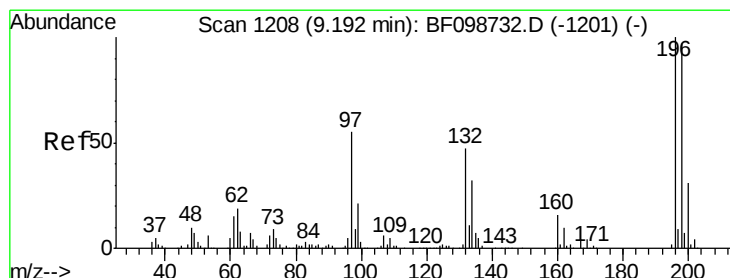
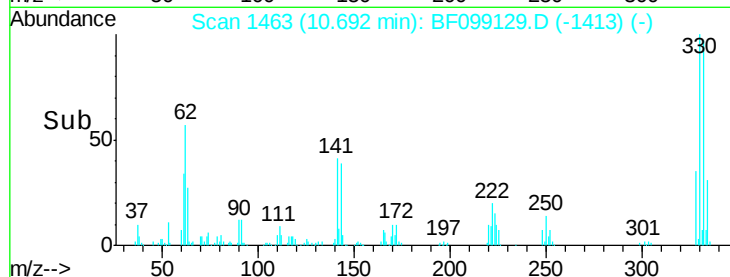
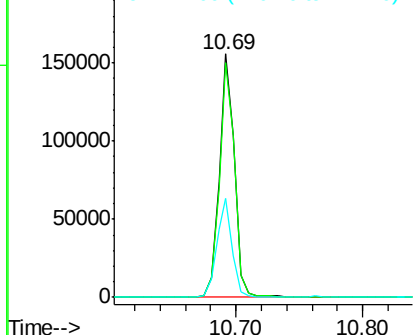
#41
 2,4,6-Tribromophenol
 Concen: 70.21 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	41.1	29.9	44.9

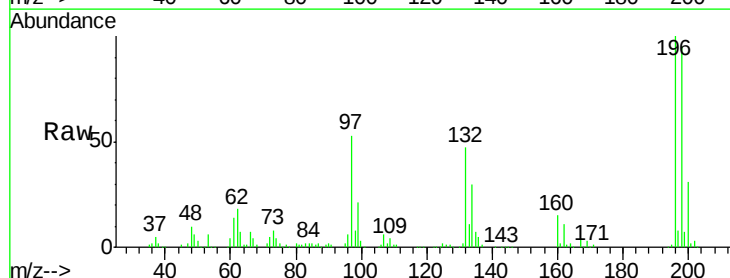


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

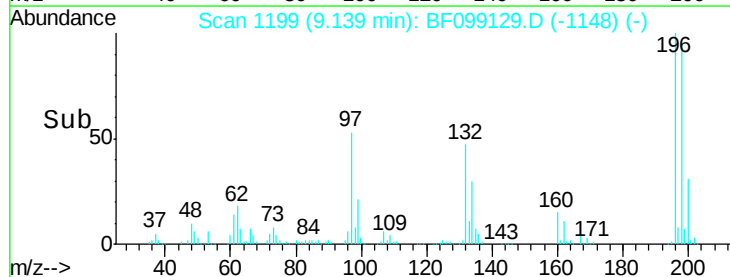
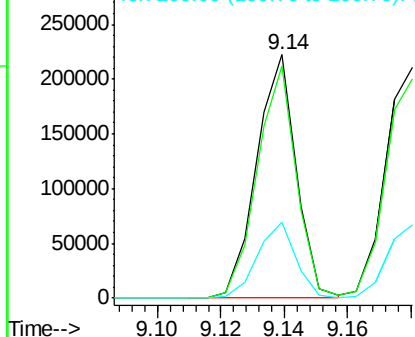


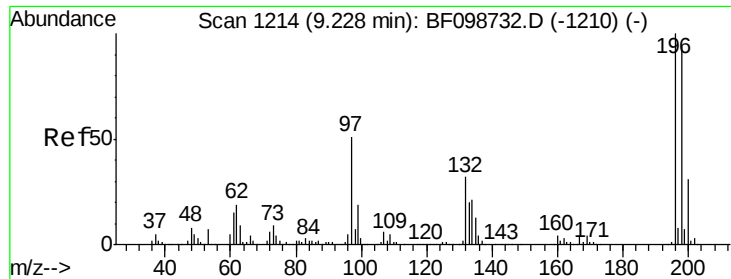
#42
 2,4,6-Trichlorophenol
 Concen: 40.16 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	31.2	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

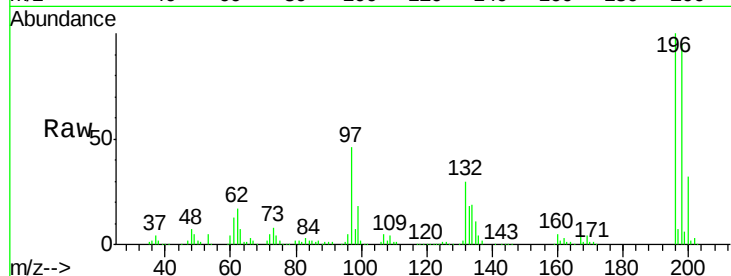




#43
 2,4,5-Trichlorophenol
 Concen: 39.52 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	95.2	74.6	112.0	
97	45.9	42.9	64.3	
132	29.7	26.3	39.5	



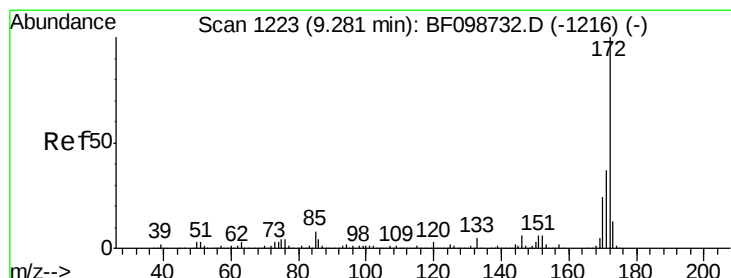
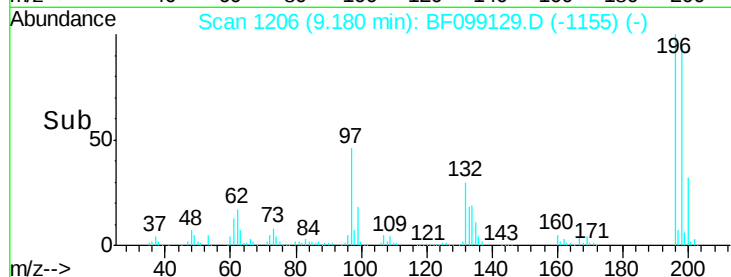
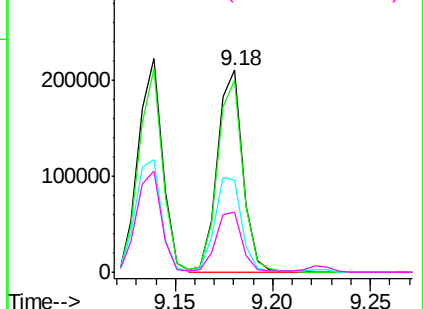
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

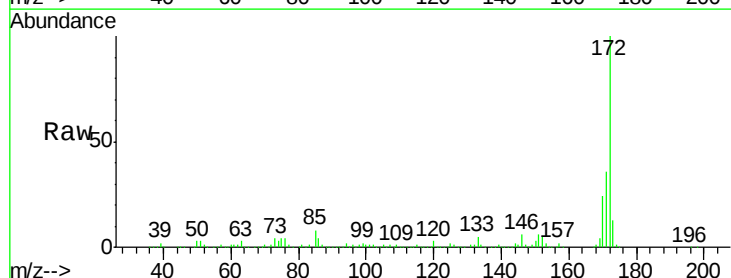
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.99 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.0	29.7	44.5	
170	23.8	19.6	29.4	

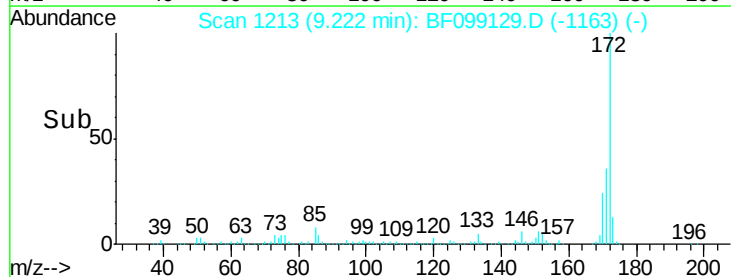
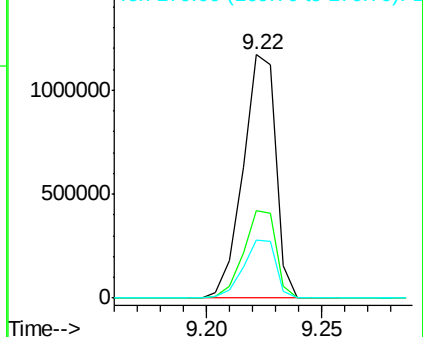


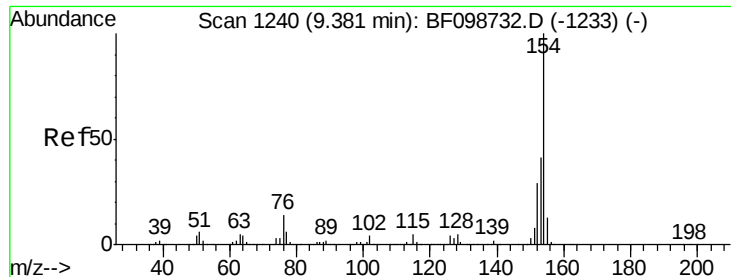
Abundance

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: 41.75 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

Instrument :

BNA_F

ClientSampled :

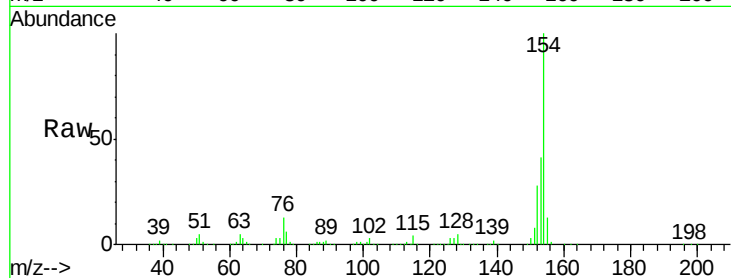
Tot Ion:154 Resp: 816846

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

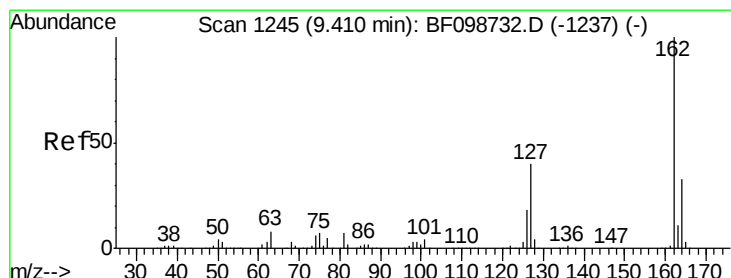
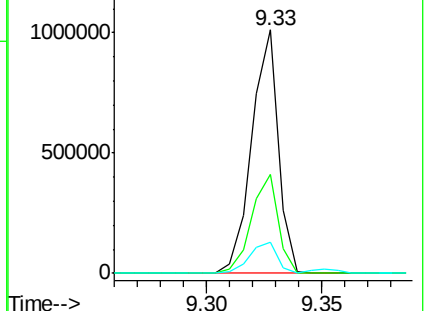
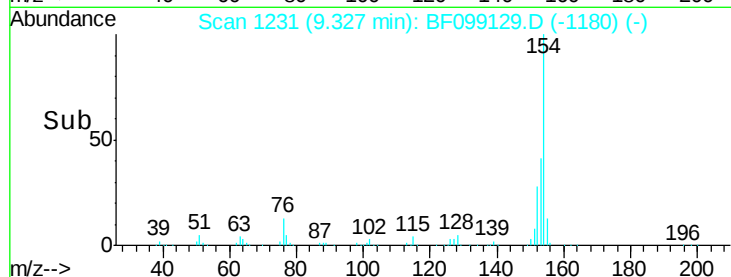
76 12.9 0.0 34.0



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): BF0



#46

2-Chloronaphthalene

Concen: 41.42 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

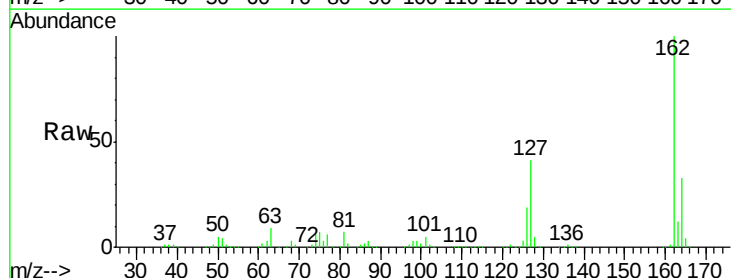
Tgt Ion:162 Resp: 608395

Ion Ratio Lower Upper

162 100

127 40.5 33.9 50.9

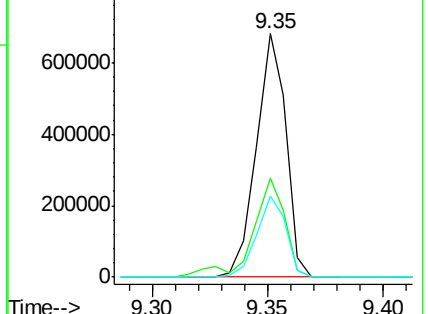
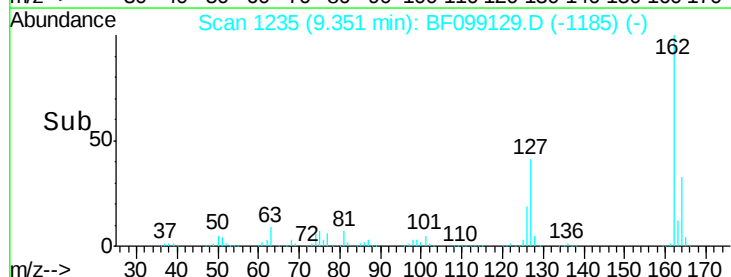
164 33.1 26.5 39.7

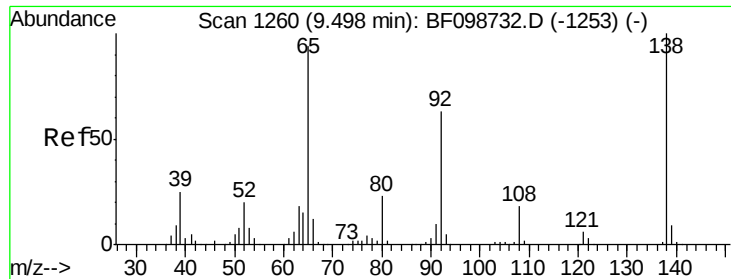


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

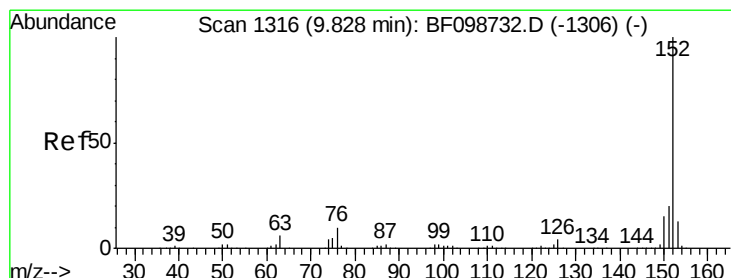
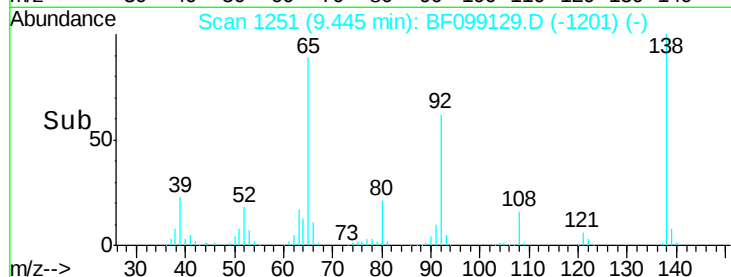
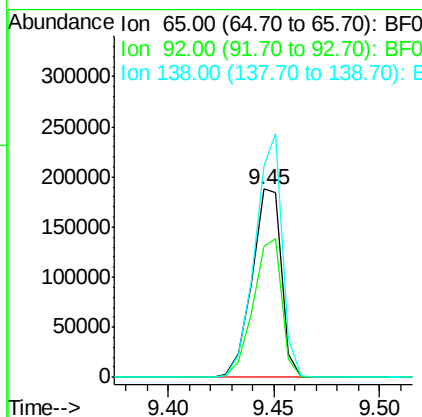
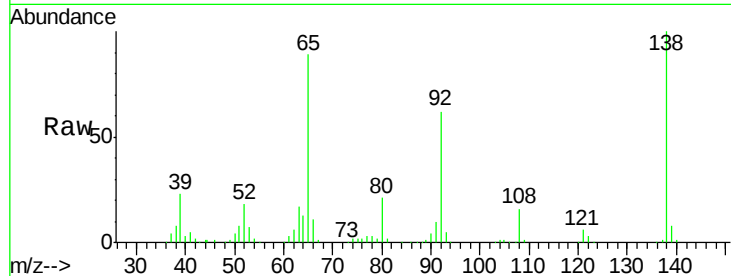




#47
2-Nitroaniline
Concen: 40.47 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

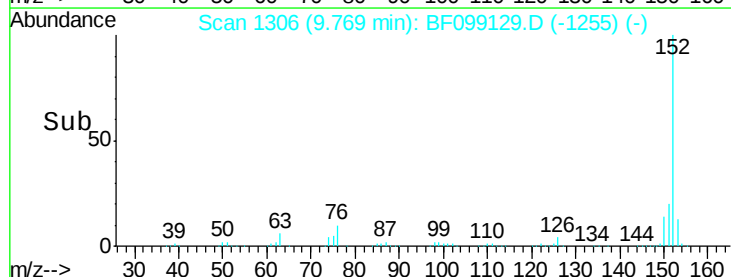
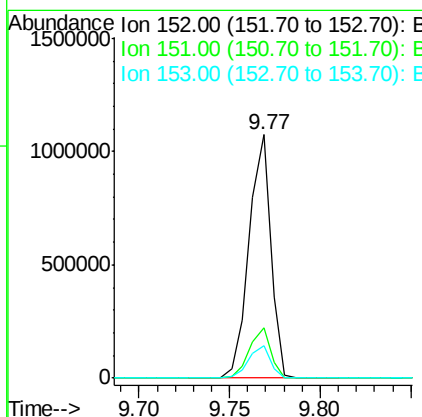
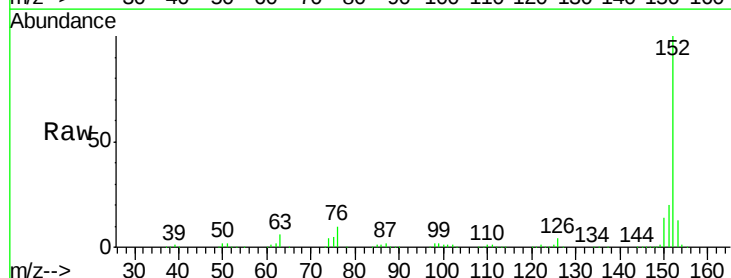
Instrument :
BNA_F
ClientSampleId :

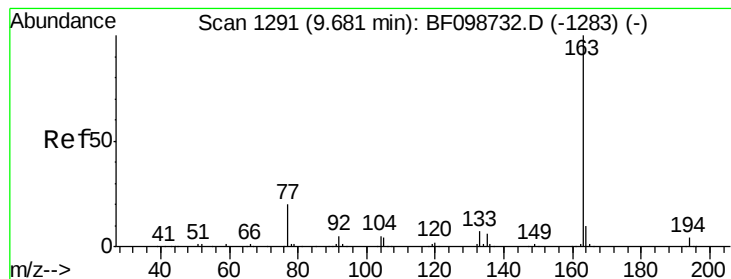
Tot Ion: 65 Resp: 182047
Ion Ratio Lower Upper
65 100
92 69.8 55.8 83.6
138 112.2 91.2 136.8



#48
Acenaphthylene
Concen: 39.96 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Tgt Ion:152 Resp: 898465
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 40.48 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

Instrument :

BNA_F

ClientSampled :

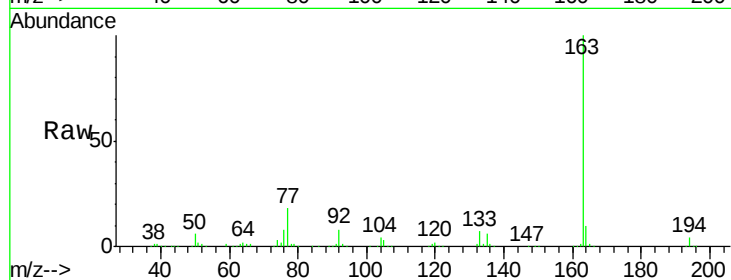
Tot Ion:163 Resp: 695463

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

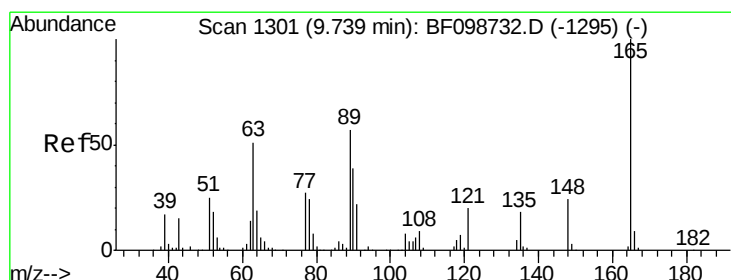
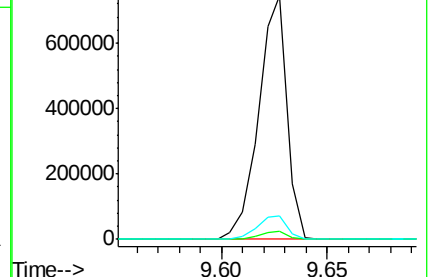
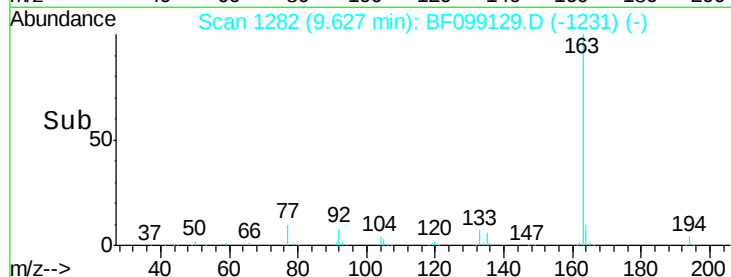
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.01 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

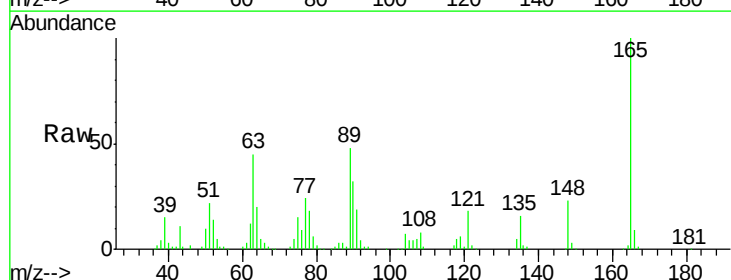
Tgt Ion:165 Resp: 153414

Ion Ratio Lower Upper

165 100

63 45.4 44.7 67.1

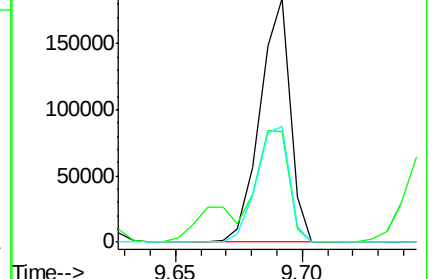
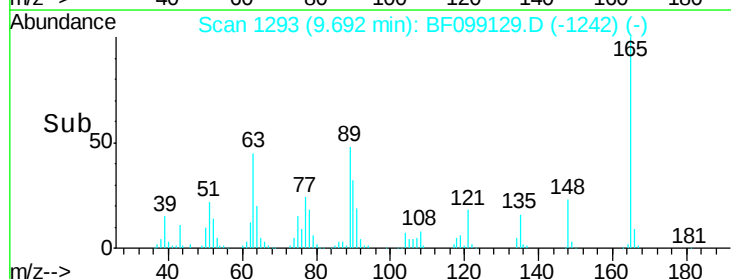
89 47.6 44.0 66.0

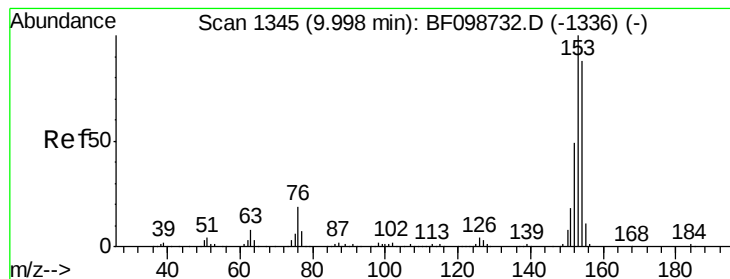


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.75 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

Instrument :

BNA_F

ClientSampled :

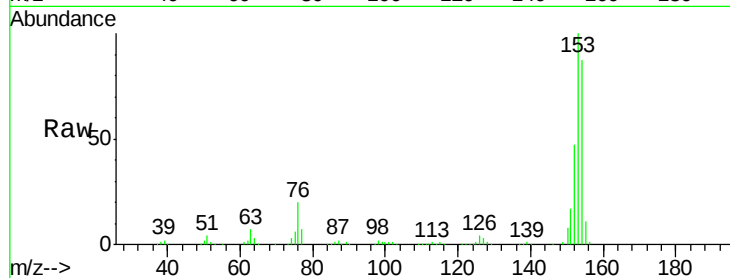
Tot Ion:154 Resp: 523520

Ion Ratio Lower Upper

154 100

153 115.6 91.2 136.8

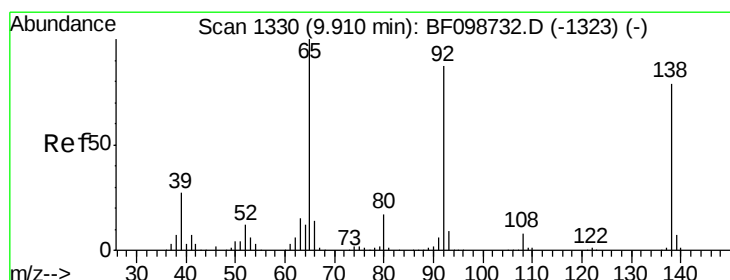
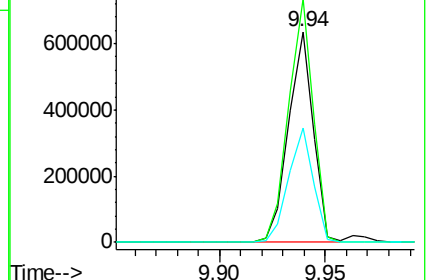
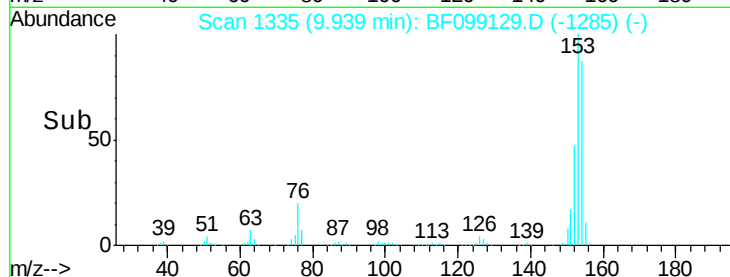
152 54.4 43.8 65.8



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: 40.54 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

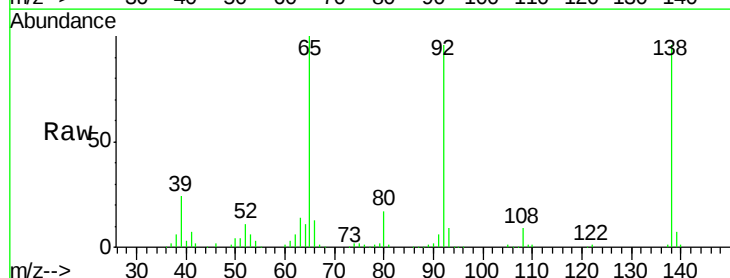
Tgt Ion:138 Resp: 176788

Ion Ratio Lower Upper

138 100

108 9.6 9.4 14.0

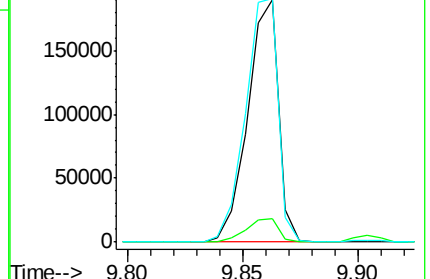
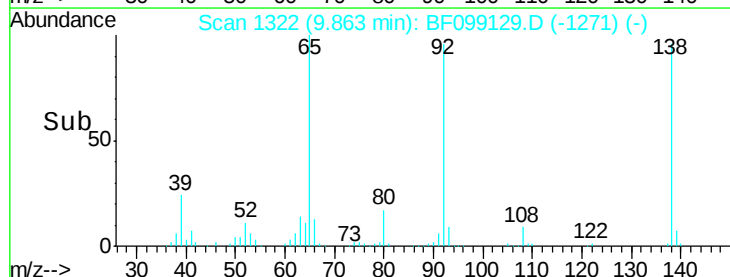
92 100.3 89.4 134.2

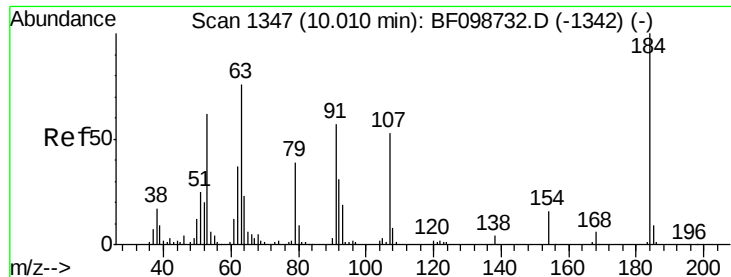


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

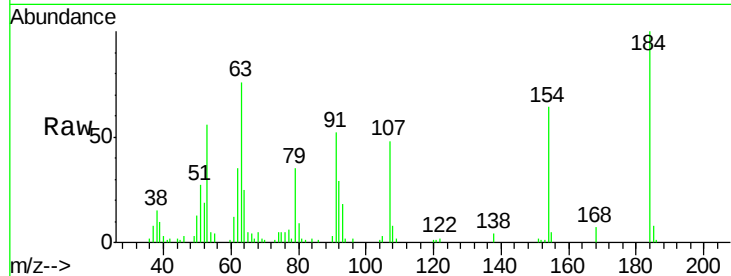




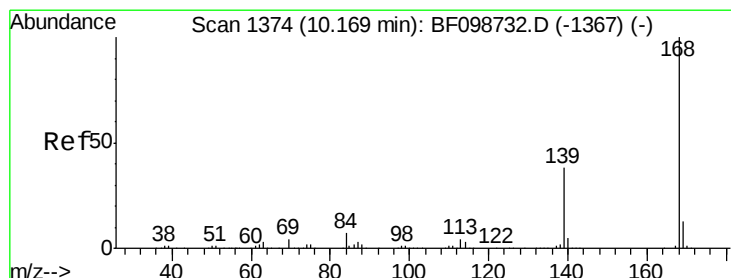
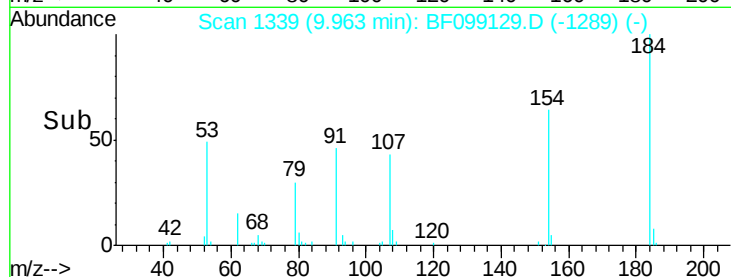
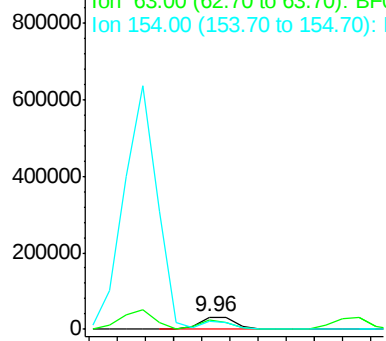
#53
2,4-Dinitrophenol
Concen: 20.05 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 29871
Ion Ratio Lower Upper
184 100
63 75.9 54.2 81.2
154 64.0 53.5 80.3

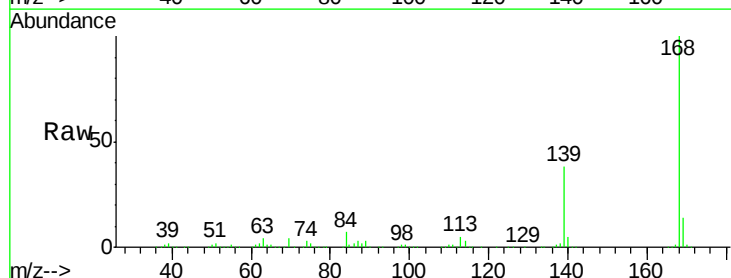


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

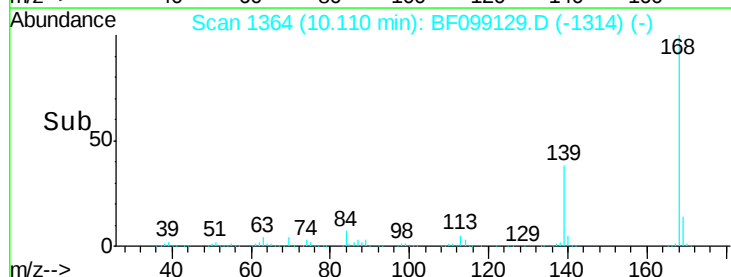
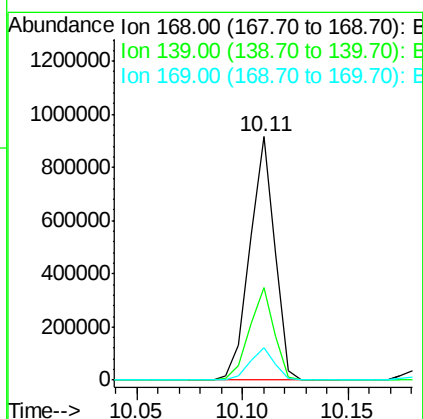


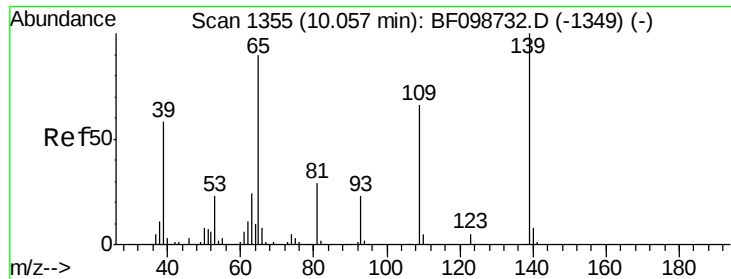
#54
Dibenzofuran
Concen: 39.45 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Tgt Ion:168 Resp: 748257
Ion Ratio Lower Upper
168 100
139 37.9 30.1 45.1
169 13.5 10.9 16.3



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





#55

4-Nitrophenol

Concen: 30.15 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

Instrument :

BNA_F

ClientSampleId :

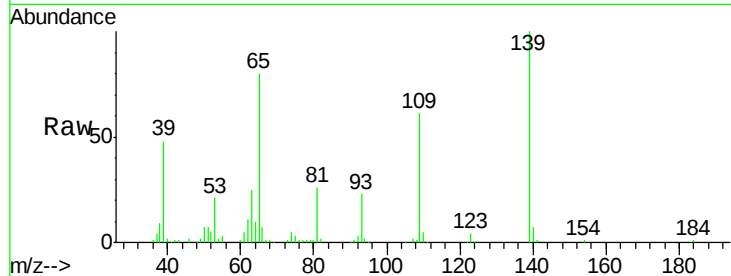
Tot Ion:139 Resp: 111181

Ion Ratio Lower Upper

139 100

109 61.3 48.4 88.4

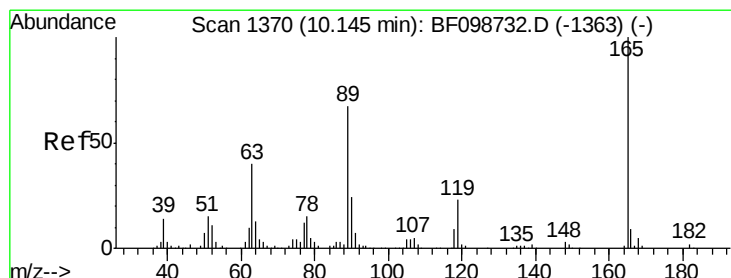
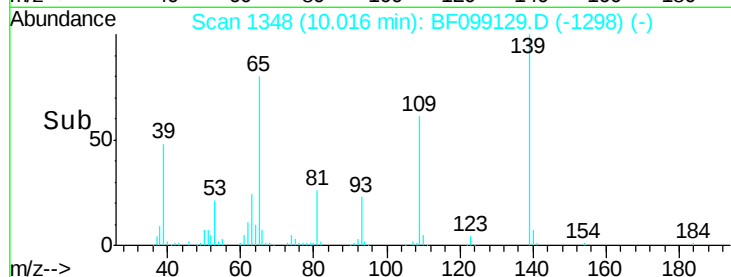
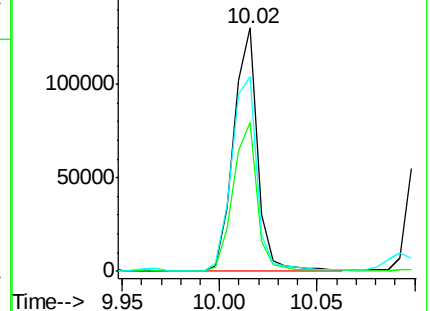
65 80.0 72.6 112.6



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): BF0



#56

2,4-Dinitrotoluene

Concen: 38.92 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

Tgt Ion:165 Resp: 188935

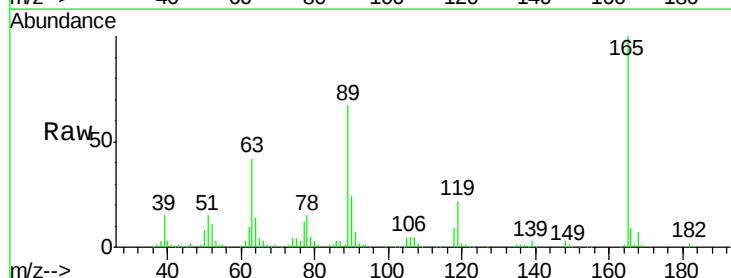
Ion Ratio Lower Upper

165 100

63 41.8 36.4 54.6

89 67.2 57.8 86.6

182 2.2 1.6 2.4

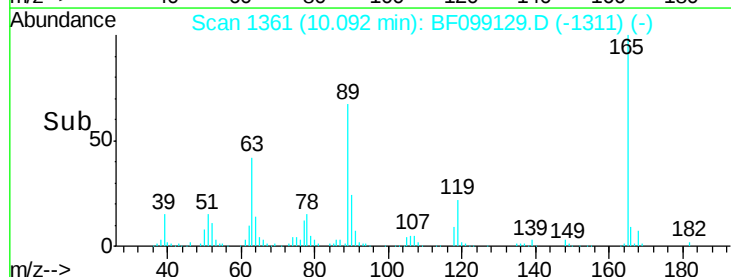
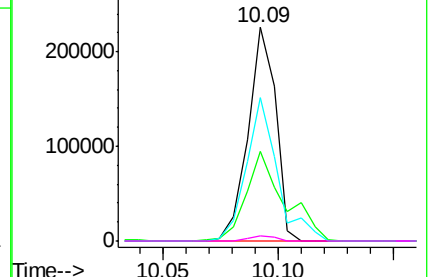


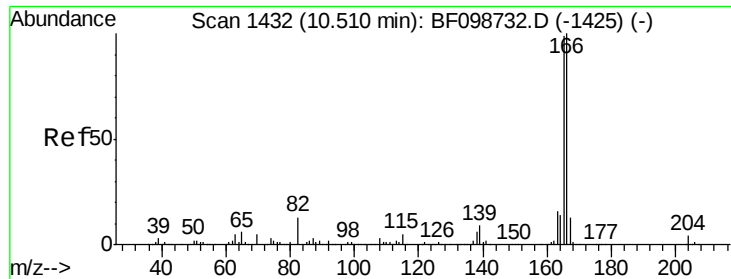
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

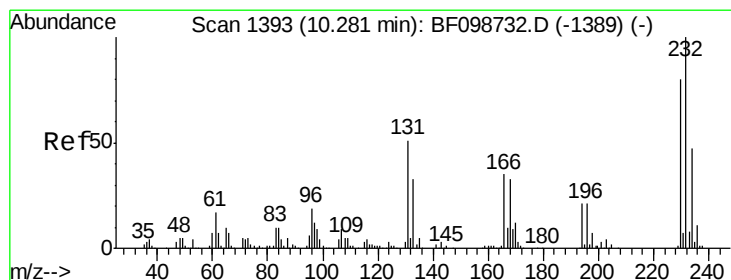
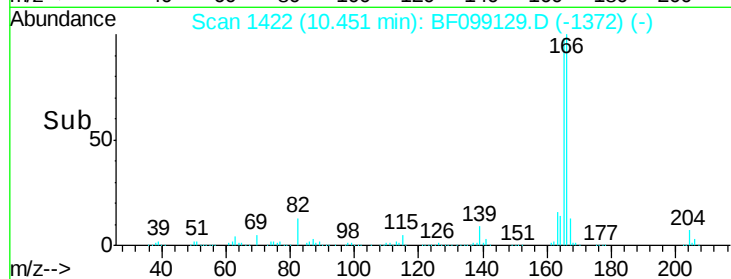
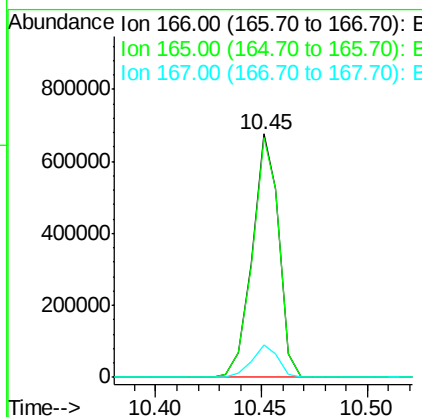
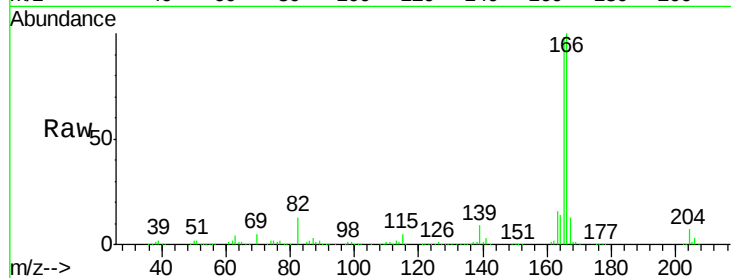




#57
 Fluorene
 Concen: 38.41 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

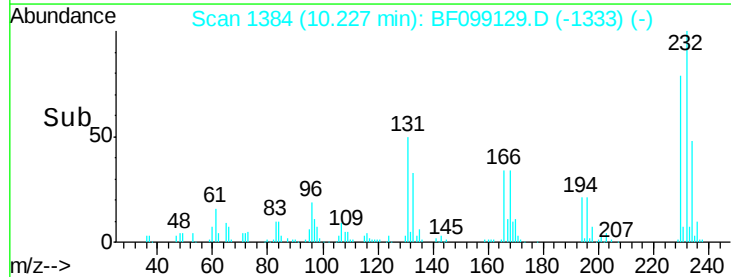
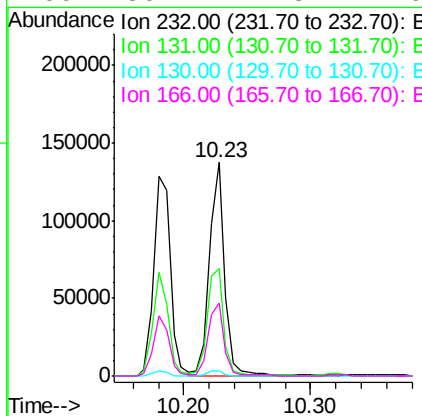
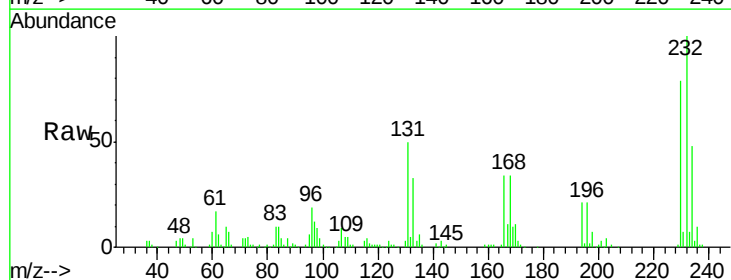
Instrument :
 BNA_F
 ClientSampleId :

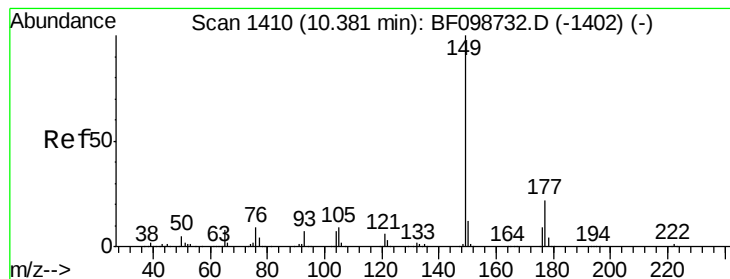
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.06 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.1	43.8	65.8
130	2.6	2.1	3.1
166	36.4	27.8	41.6





#59

Diethylphthalate

Concen: 38.17 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

Instrument :

BNA_F

ClientSampled :

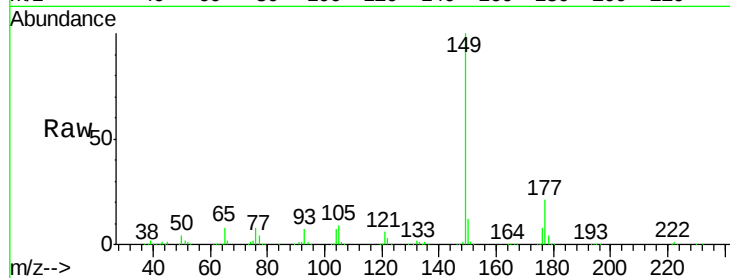
Tot Ion:149 Resp: 640891

Ion Ratio Lower Upper

149 100

177 21.2 16.1 24.1

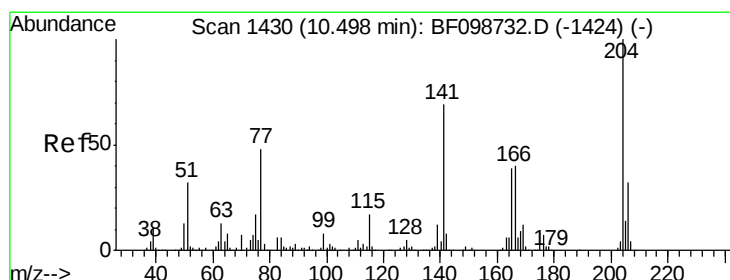
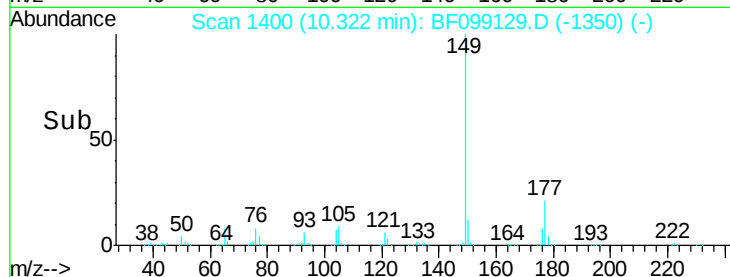
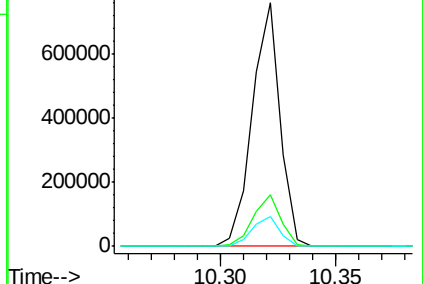
150 12.3 10.1 15.1



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: 38.47 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

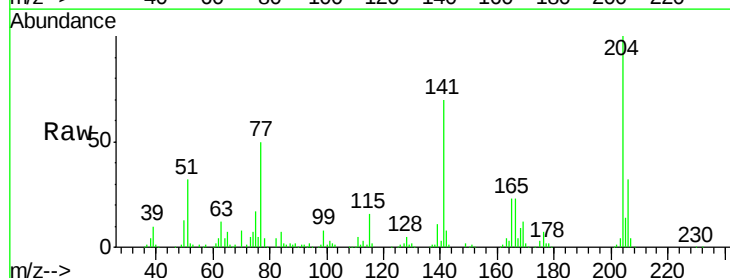
Tgt Ion:204 Resp: 263395

Ion Ratio Lower Upper

204 100

206 32.4 26.5 39.7

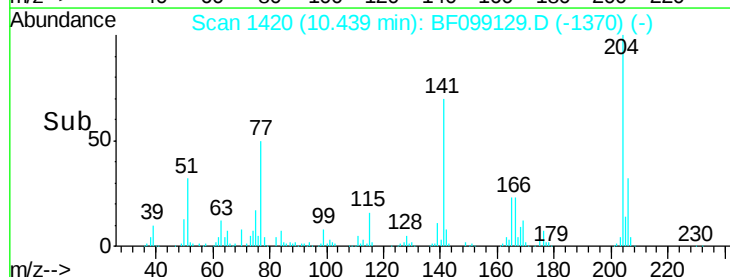
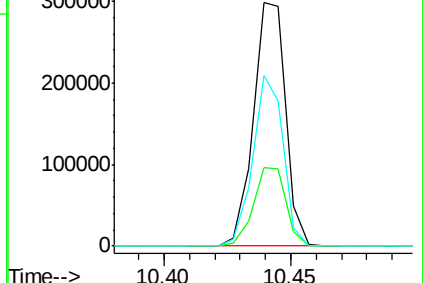
141 70.3 54.6 81.8

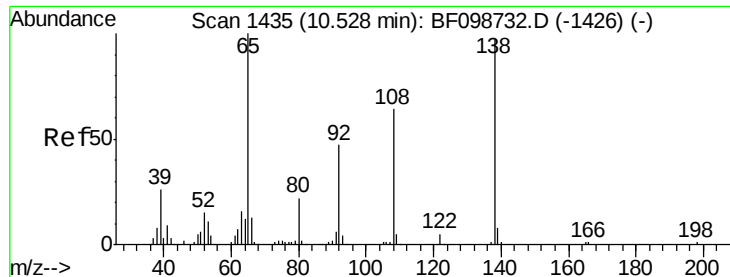


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

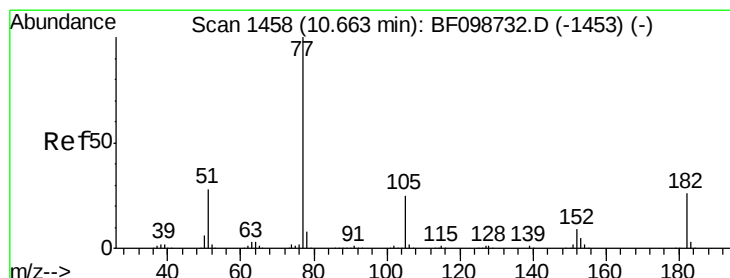
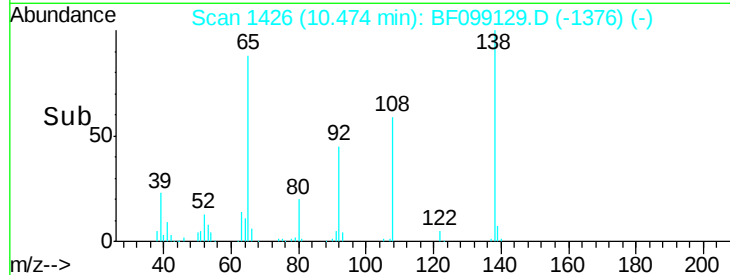
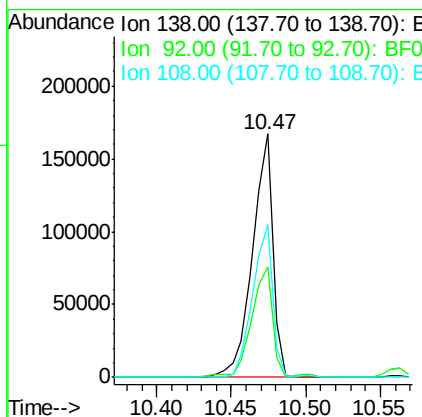
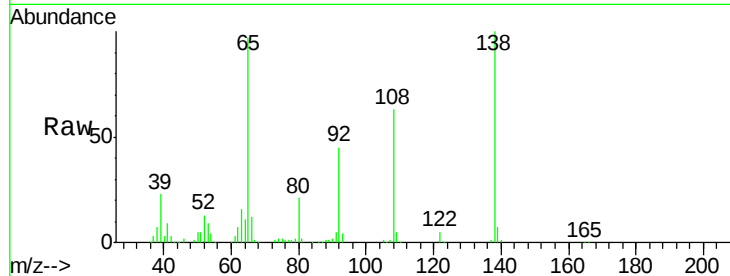




#61
 4-Nitroaniline
 Concen: 37.57 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

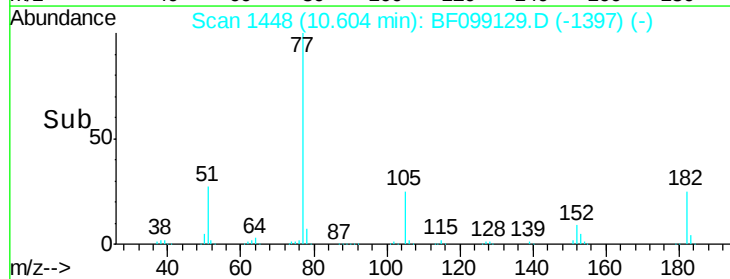
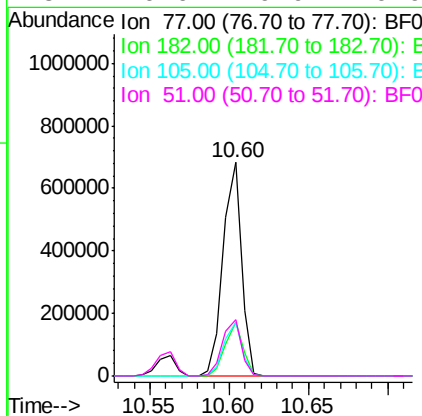
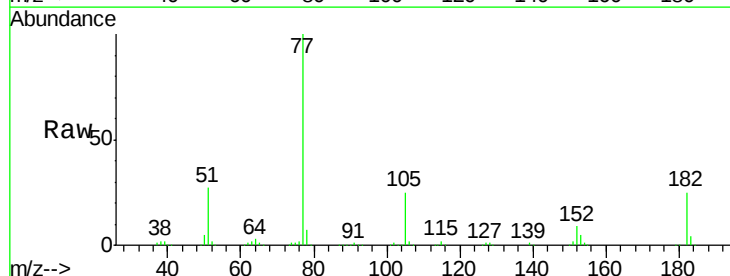
Instrument :
 BNA_F
 ClientSampleId :

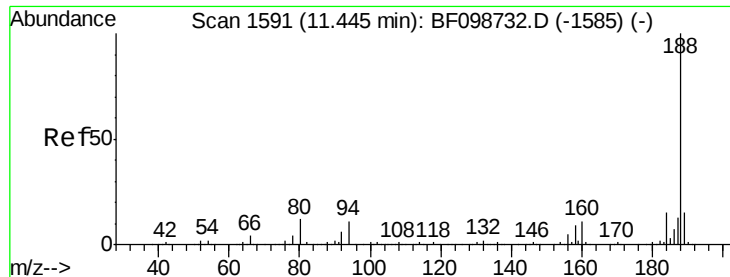
Tot Ion:138 Resp: 158101
 Ion Ratio Lower Upper
 138 100
 92 45.2 30.2 70.2
 108 62.8 52.5 92.5



#62
 Azobenzene
 Concen: 35.78 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

Tgt Ion: 77 Resp: 552374
 Ion Ratio Lower Upper
 77 100
 182 25.4 1.7 41.7
 105 25.1 3.0 43.0
 51 26.6 9.9 49.9

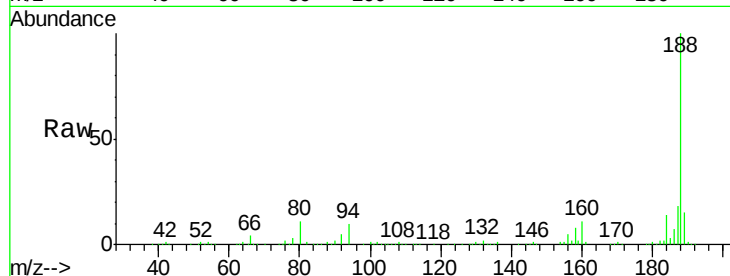




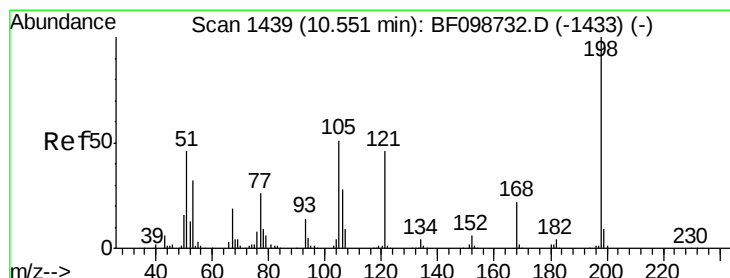
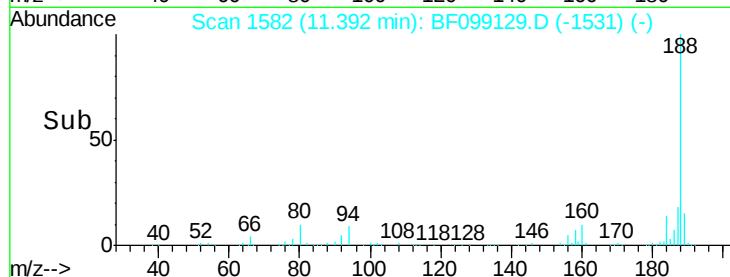
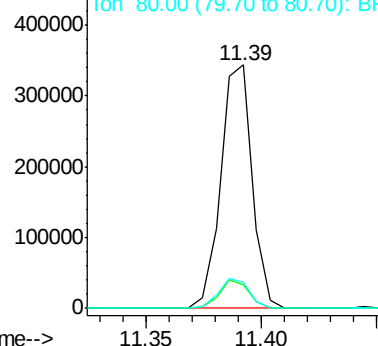
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 325870
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.5 9.2 13.8

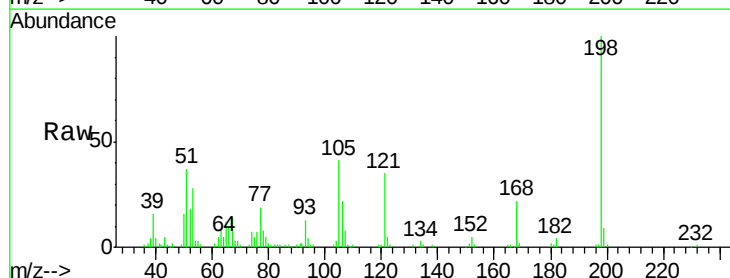


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

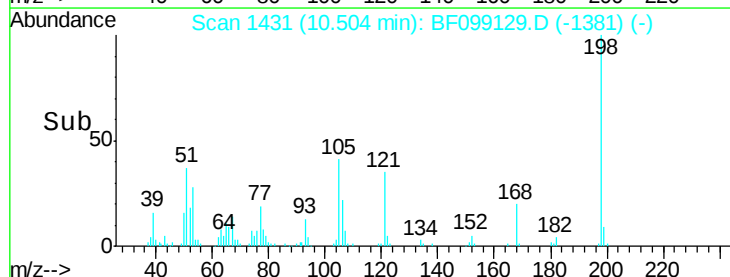
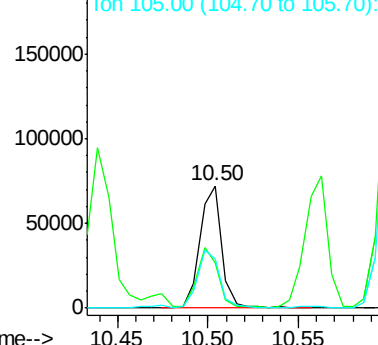


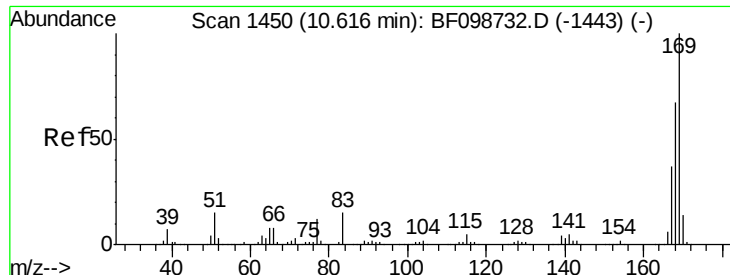
#64
4,6-Dinitro-2-methylphenol
Concen: 30.53 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Tgt Ion:198 Resp: 60522
Ion Ratio Lower Upper
198 100
51 36.5 37.7 77.7#
105 40.5 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

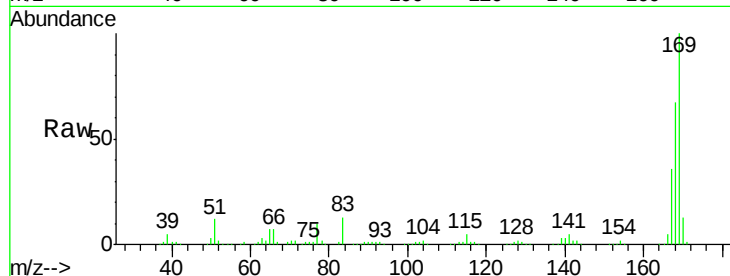




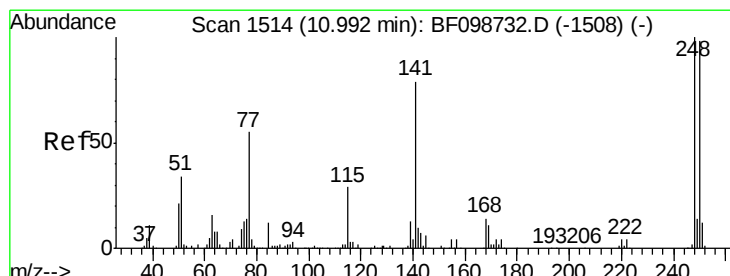
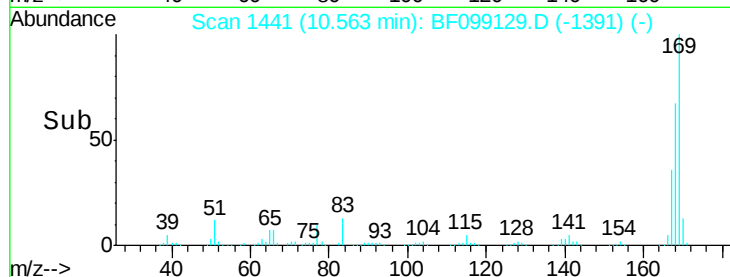
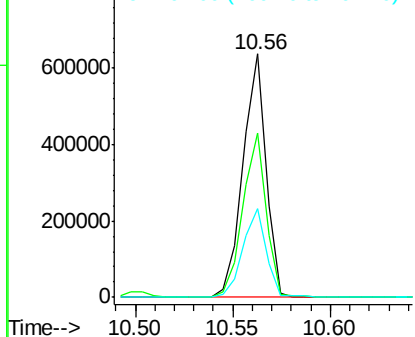
#65
 n-Nitrosodiphenylamine
 Concen: 46.36 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 523327
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.4 81.6
 167 36.2 29.8 44.6

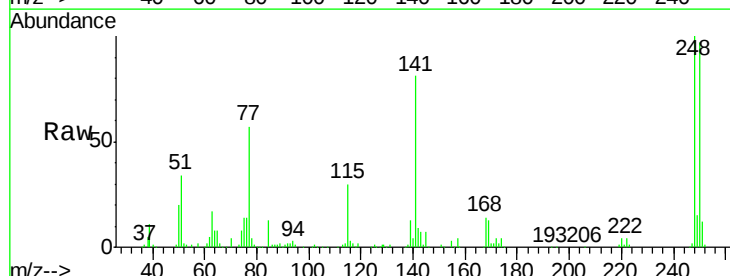


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

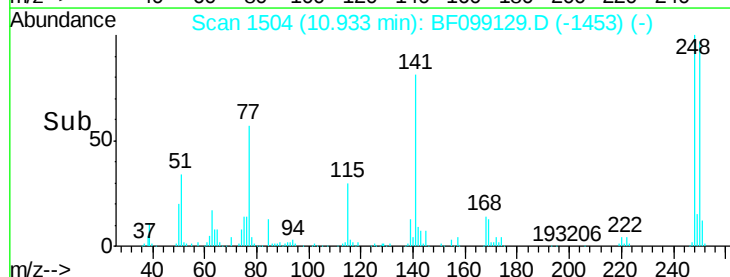
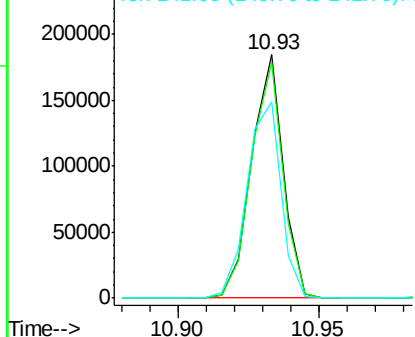


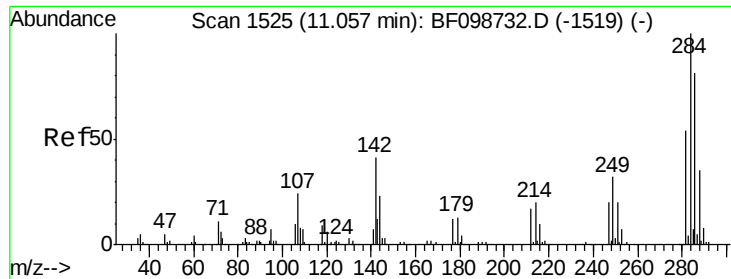
#66
 4-Bromophenyl-phenylether
 Concen: 44.94 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

Tgt Ion:248 Resp: 143345
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.9 115.3
 141 80.7 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

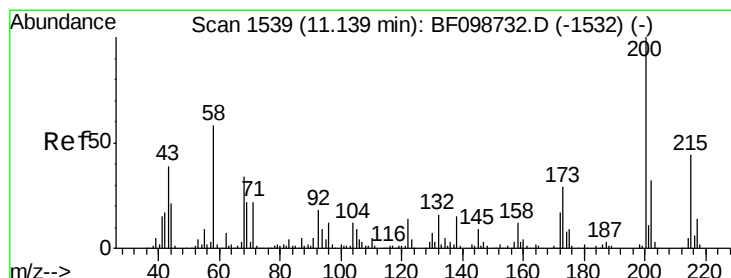
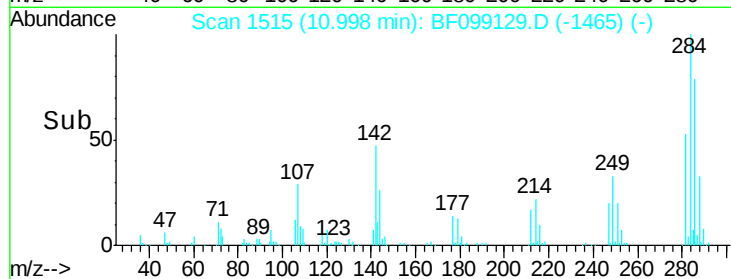
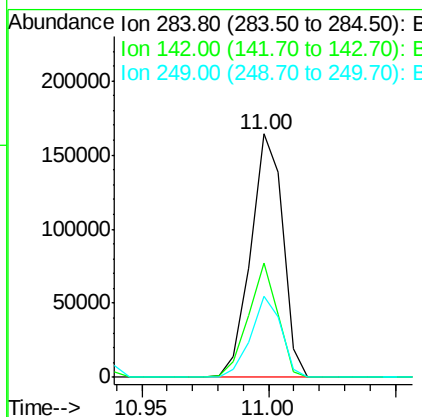
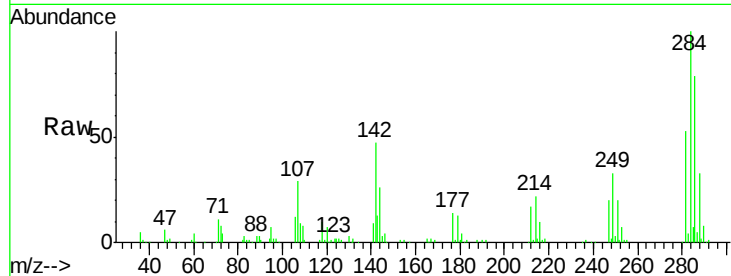




#67
Hexachlorobenzene
Concen: 42.56 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

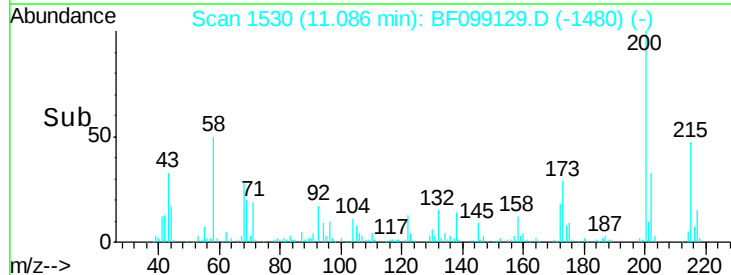
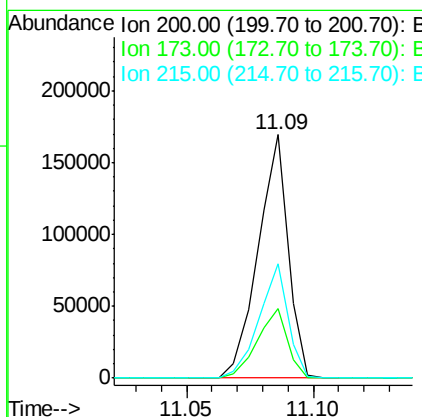
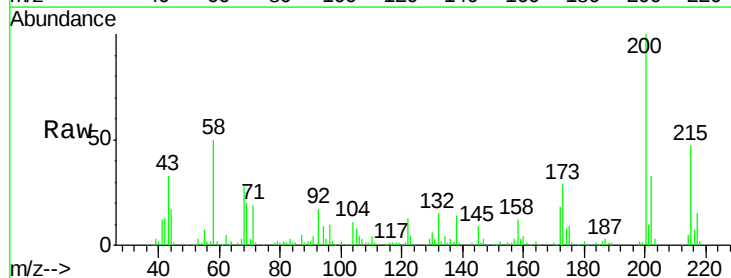
Instrument :
BNA_F
ClientSampleId :

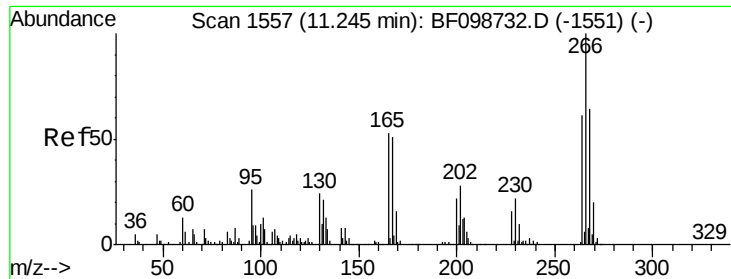
Tot Ion:284 Resp: 144992
Ion Ratio Lower Upper
284 100
142 46.9 34.6 52.0
249 33.1 24.8 37.2



#68
Atrazine
Concen: 41.36 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Tgt Ion:200 Resp: 140464
Ion Ratio Lower Upper
200 100
173 28.7 8.6 48.6
215 46.8 25.1 65.1

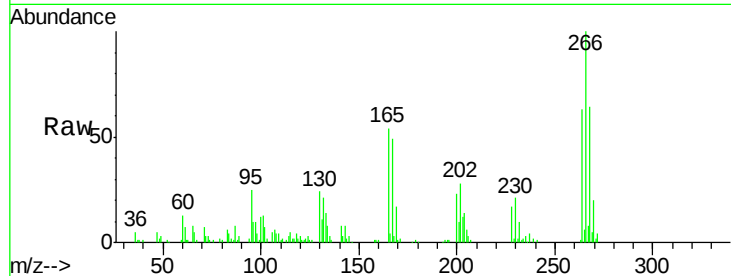




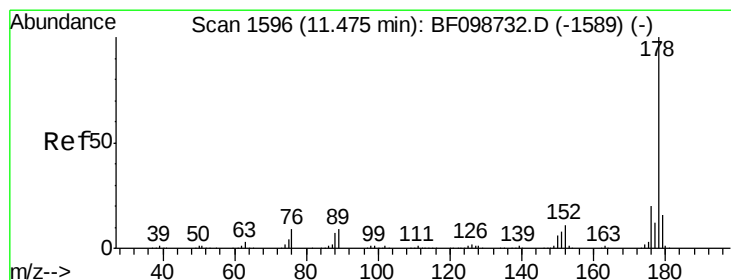
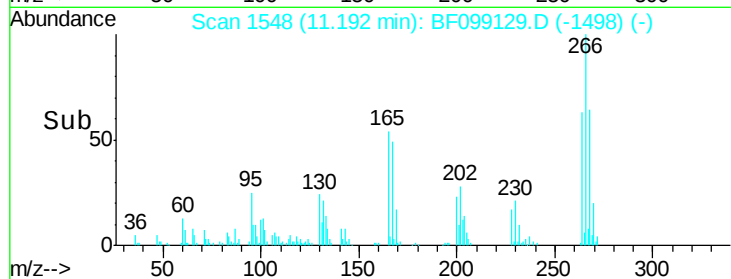
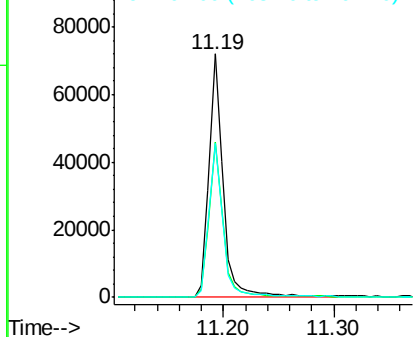
#69
 Pentachlorophenol
 Concen: 29.60 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 62749
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.1 76.7
 264 63.1 49.5 74.3

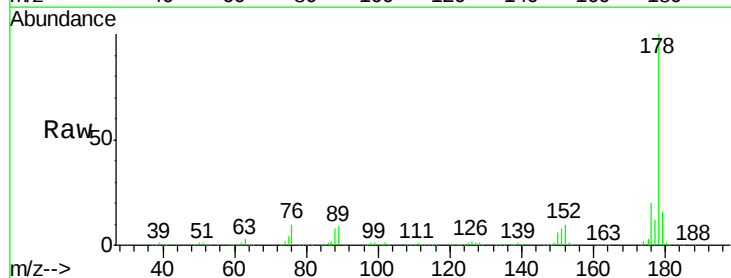


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

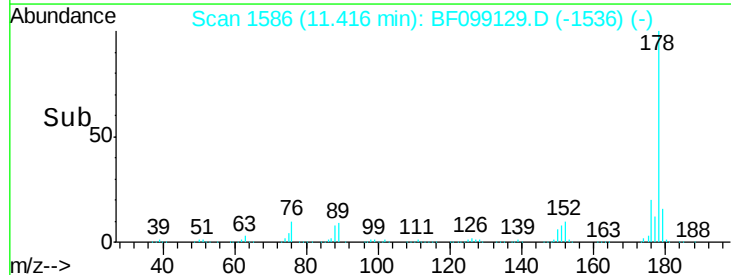
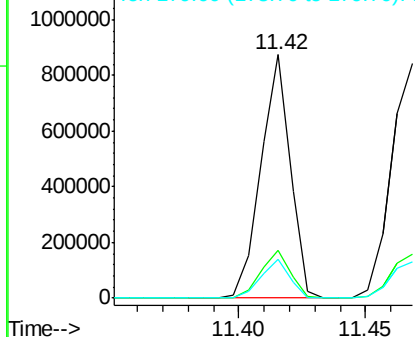


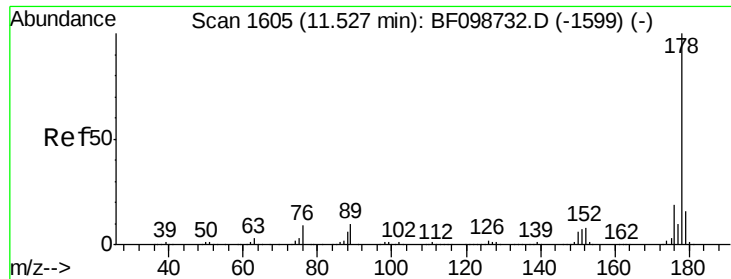
#70
 Phenanthrene
 Concen: 40.77 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

Tgt Ion:178 Resp: 711230
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.7 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

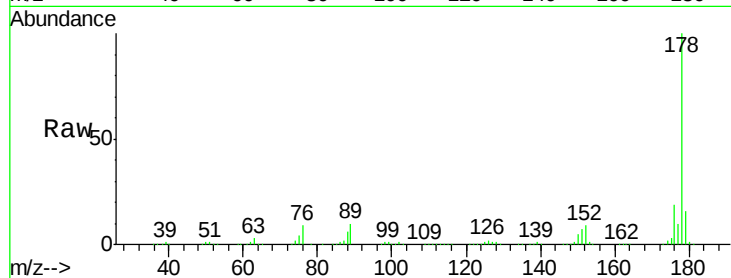




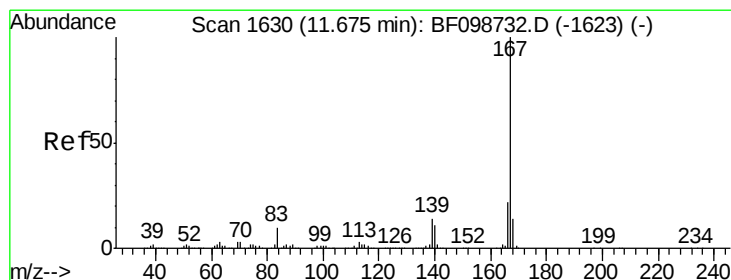
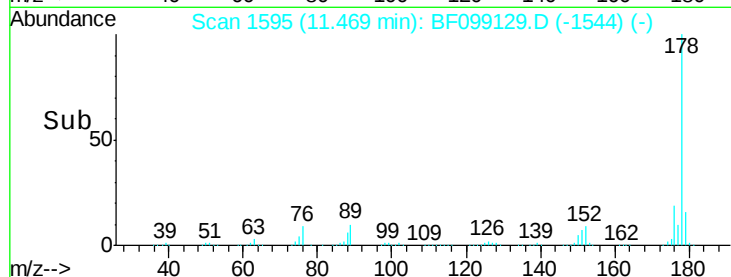
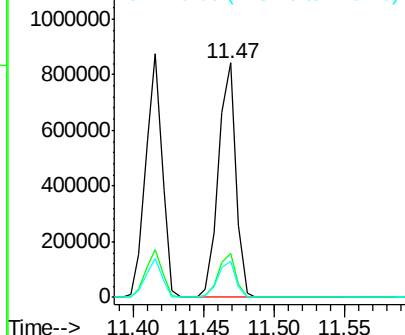
#71
 Anthracene
 Concen: 40.39 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 720831
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.7 12.6 19.0

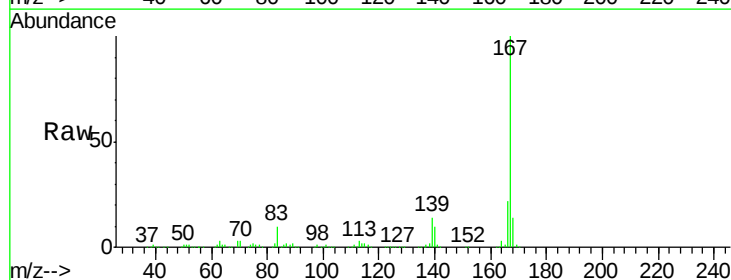


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

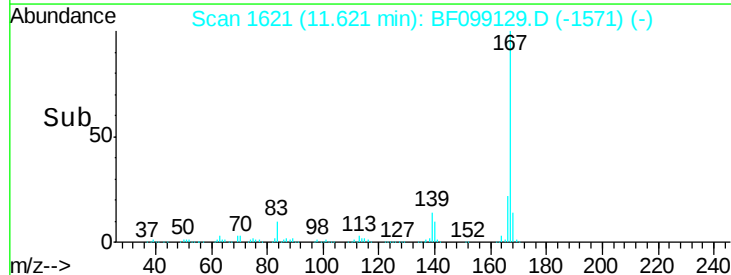
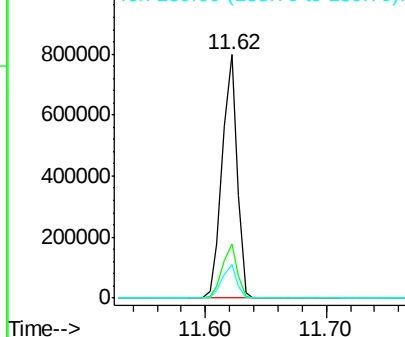


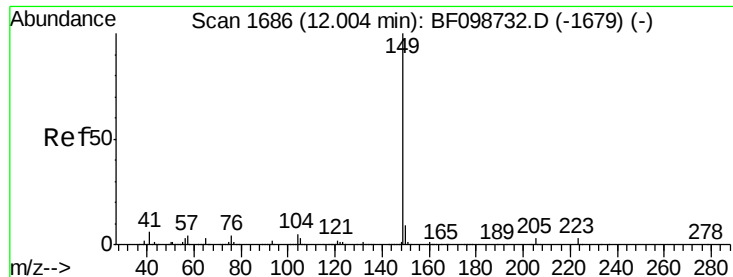
#72
 Carbazole
 Concen: 38.87 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

Tgt Ion:167 Resp: 679384
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.7 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.83 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BF099129.D

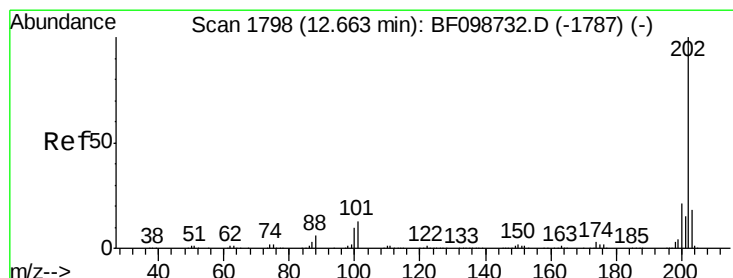
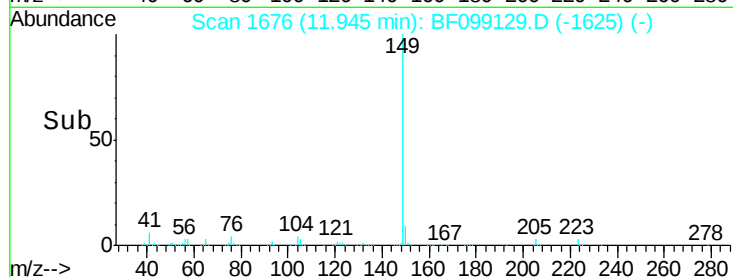
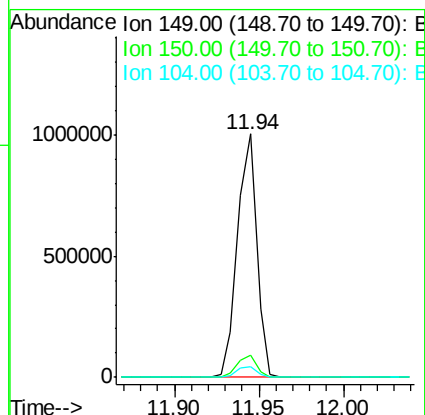
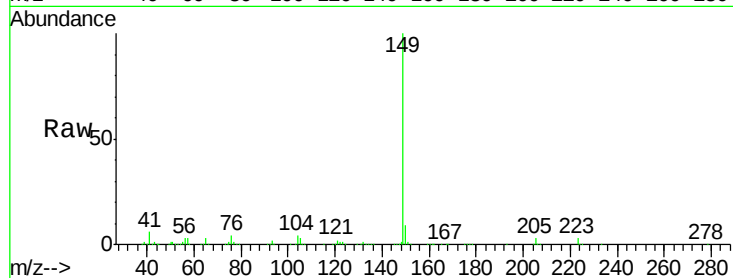
Acq: 6 Oct 2017 5:24

Instrument :

BNA_F

ClientSampled :

Tot Ion:149	Resp:	795905
Ion Ratio	Lower	Upper
149	100	
150	9.1	7.8 11.6
104	4.4	3.8 5.8



#74

Fluoranthene

Concen: 35.35 ng

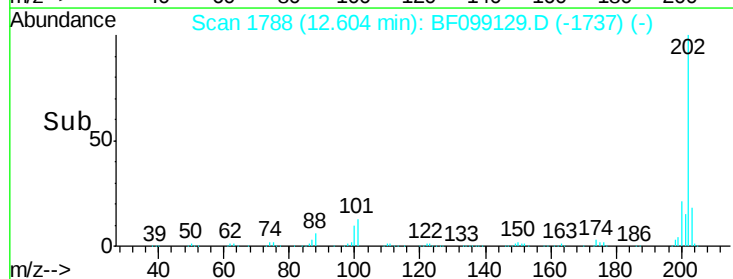
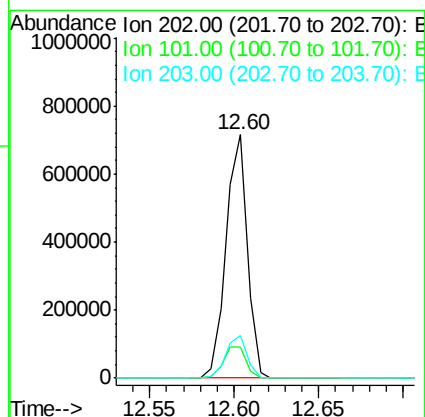
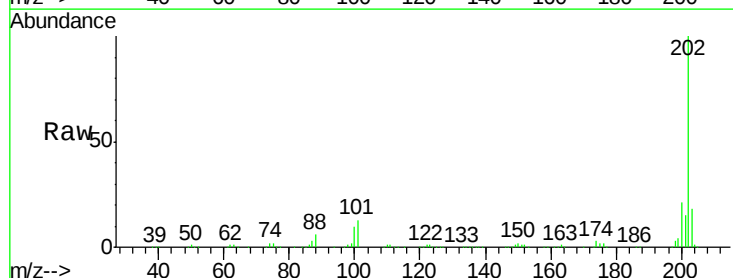
RT: 12.60 min Scan# 1788

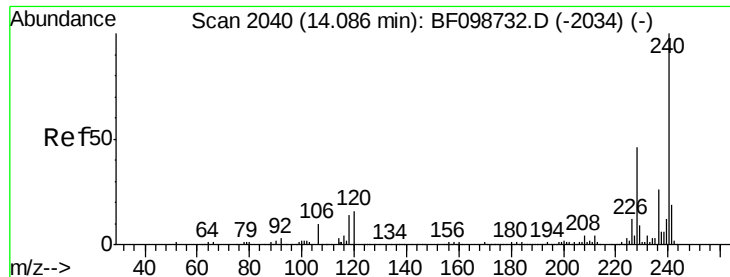
Delta R.T. -0.00 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

Tgt Ion:202	Resp:	624470
Ion Ratio	Lower	Upper
202	100	
101	13.0	0.0 34.1
203	17.5	0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

Instrument :

BNA_F

ClientSampleId :

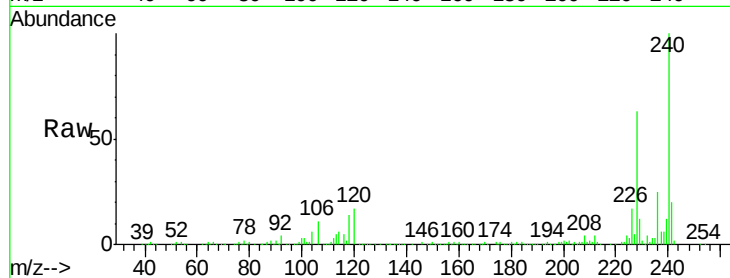
Tot Ion:240 Resp: 229243

Ion Ratio Lower Upper

240 100

120 16.9 9.5 14.3#

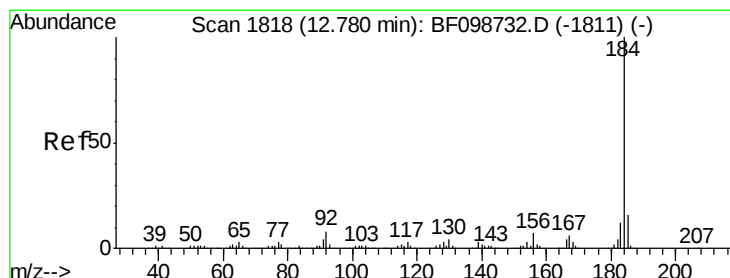
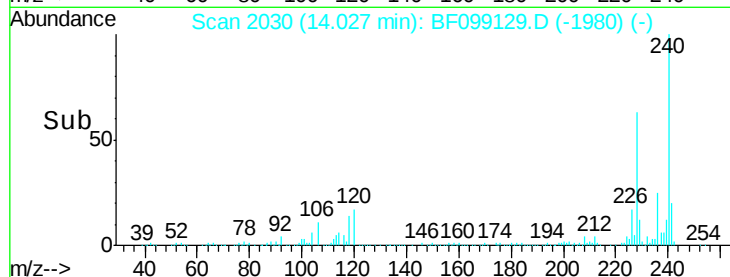
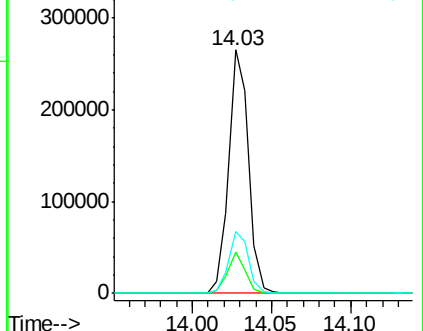
236 25.2 20.7 31.1



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: 37.25 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

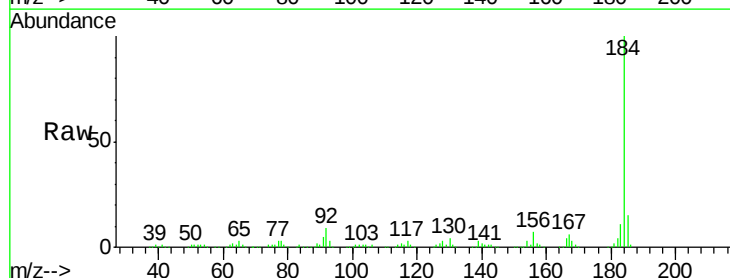
Tgt Ion:184 Resp: 315819

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

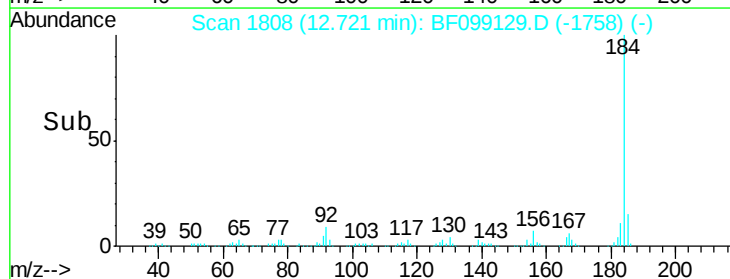
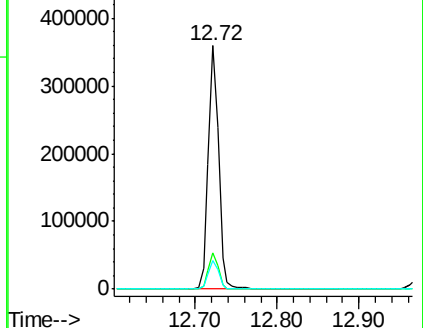
183 11.5 9.3 13.9

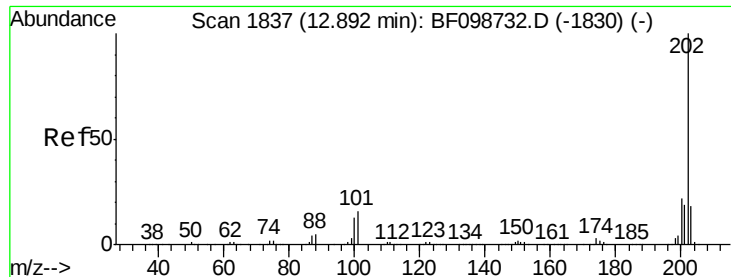


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

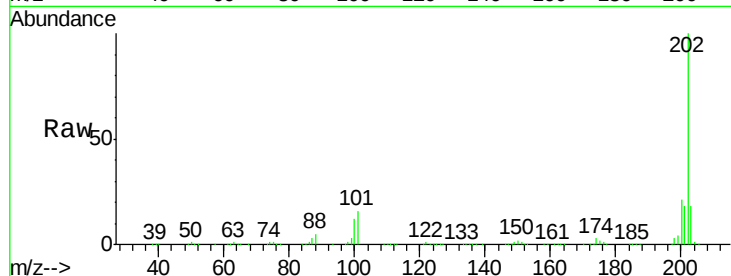




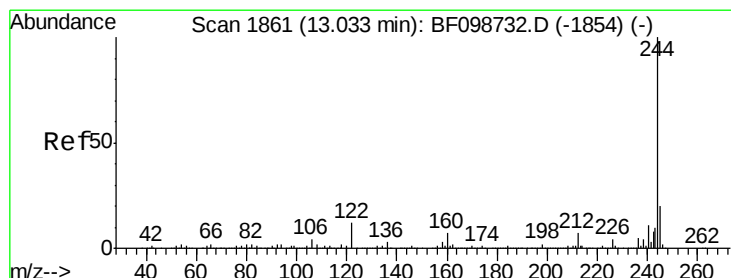
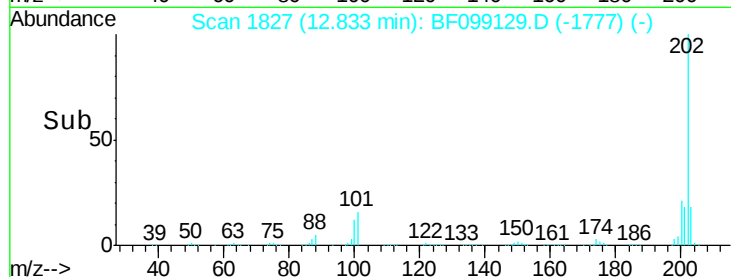
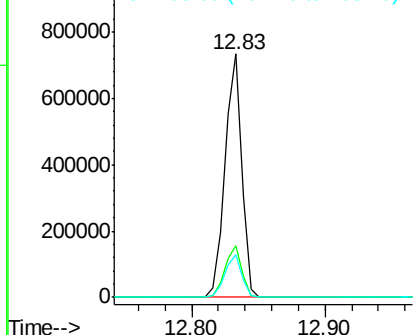
#77
Pvrene
Concen: 37.28 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 651592
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.6 14.3 21.5

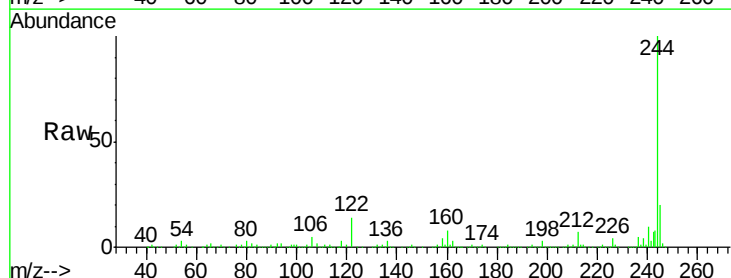


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

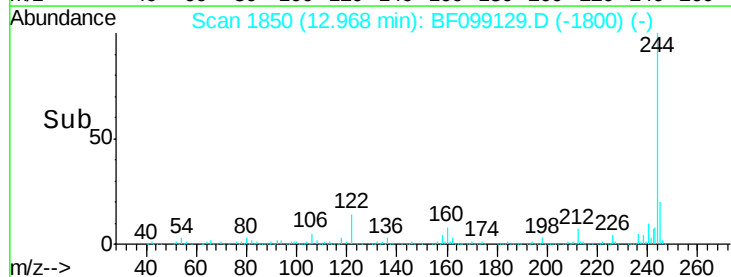
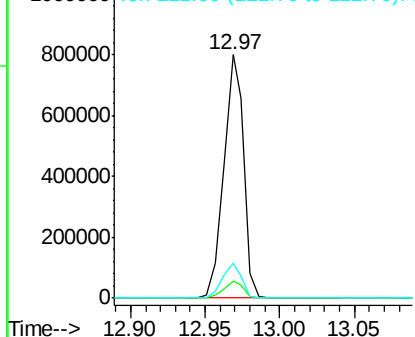


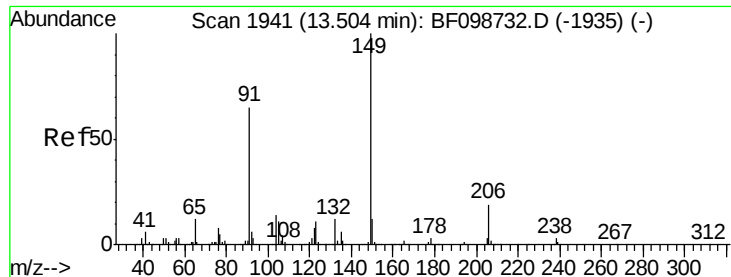
#78
Terphenyl-d14
Concen: 74.31 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Tgt Ion:244 Resp: 749028
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 14.5 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

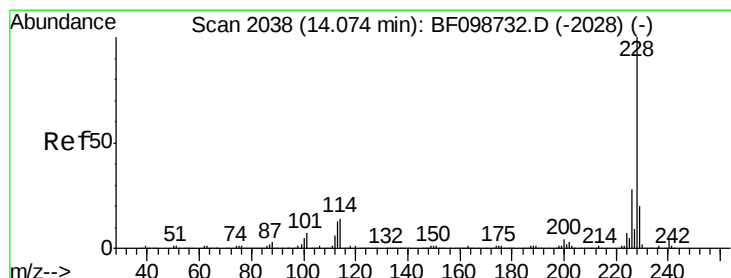
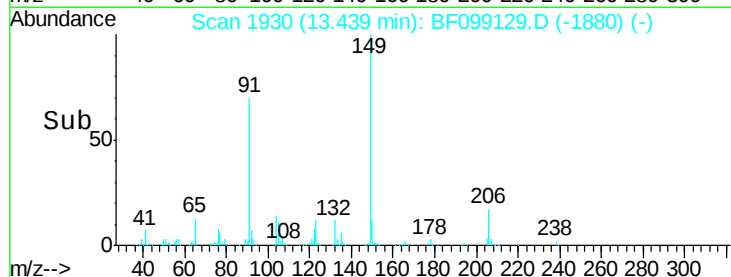
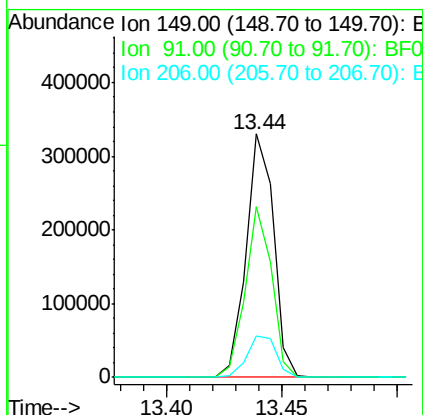
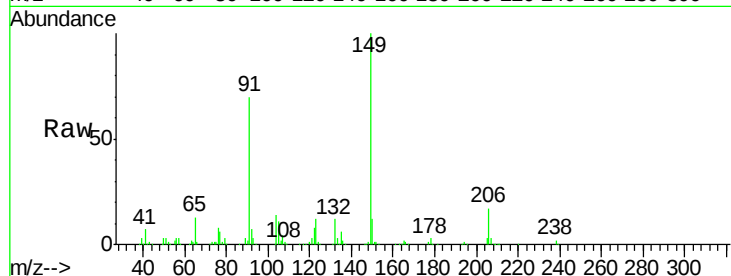




#79
Butylbenzylphthalate
Concen: 33.70 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

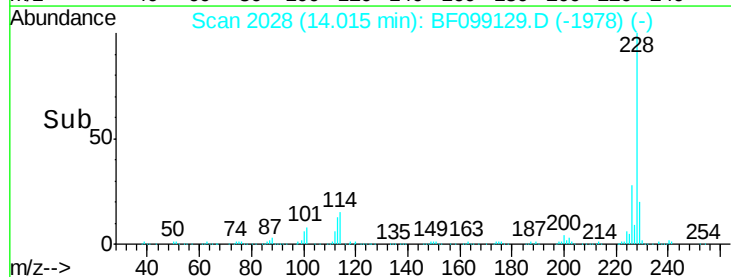
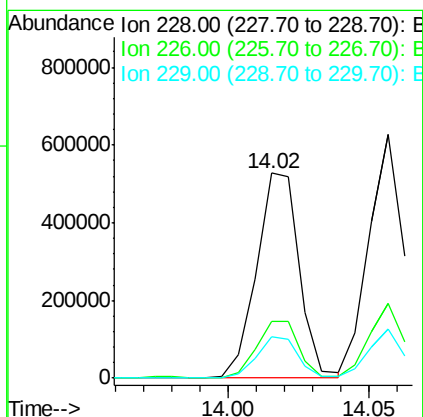
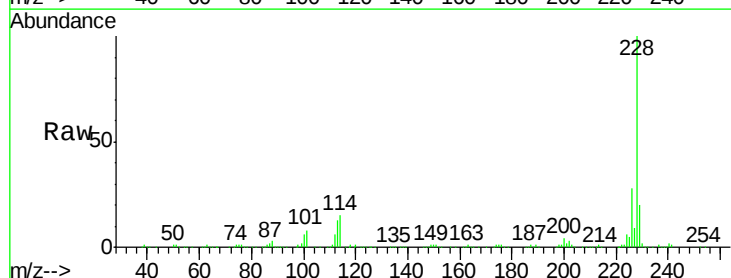
Instrument :
BNA_F
ClientSampleId :

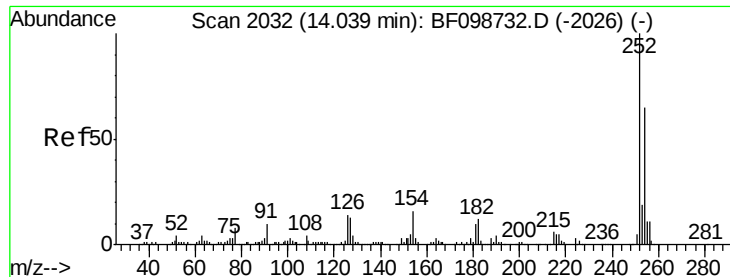
Tot Ion:149 Resp: 276842
Ion Ratio Lower Upper
149 100
91 70.1 56.8 85.2
206 17.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.87 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Tgt Ion:228 Resp: 553448
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.3 15.8 23.6

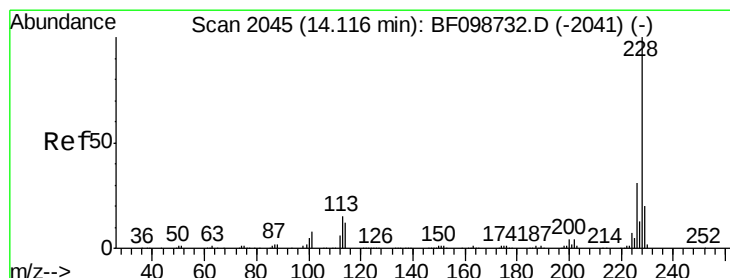
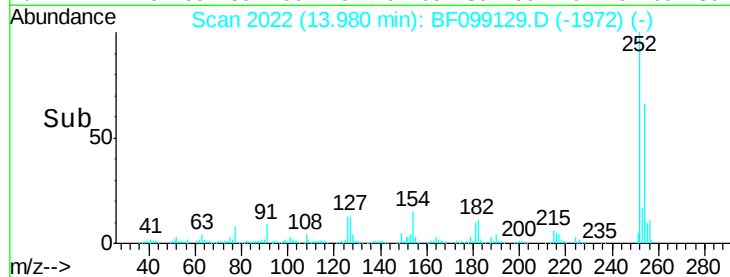
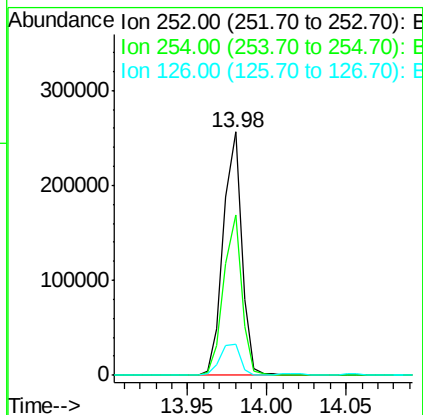
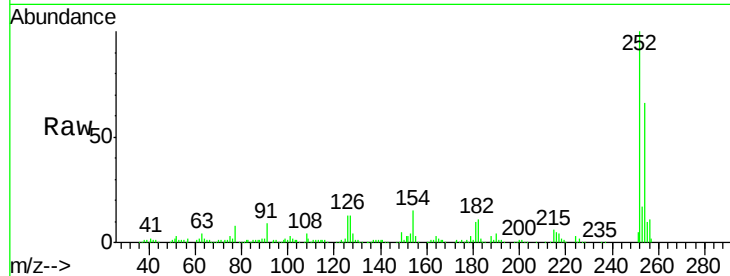




#81
 3,3'-Dichlorobenzidine
 Concen: 41.08 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

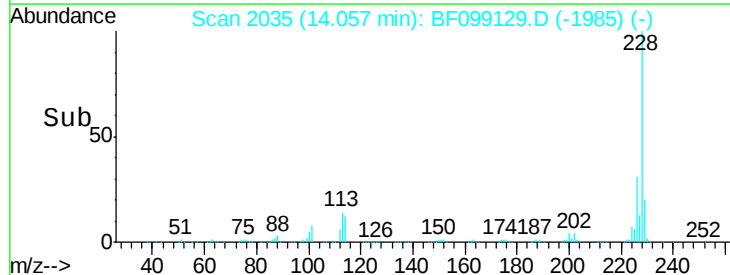
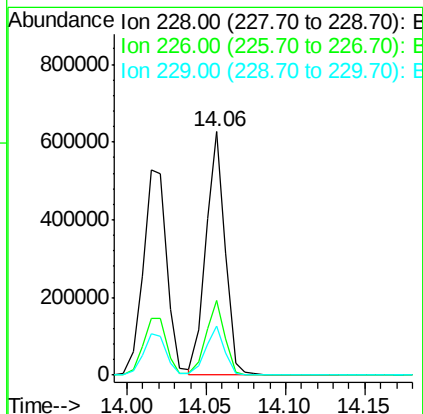
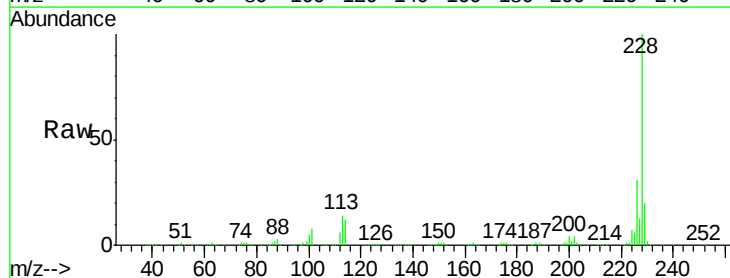
Instrument :
 BNA_F
 ClientSampleId :

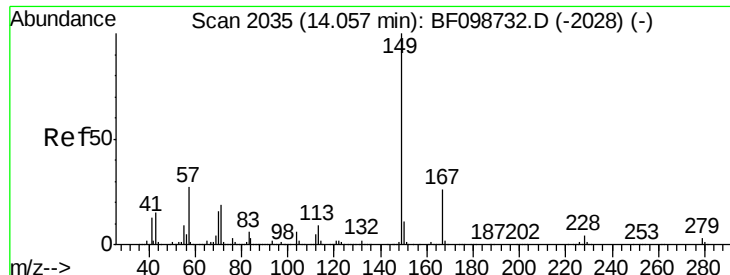
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.1	50.4	75.6
126	13.0	11.3	16.9



#82
 Chrysene
 Concen: 40.20 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF099129.D
 Acq: 6 Oct 2017 5:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.25 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

Instrument :

BNA_F

ClientSampleId :

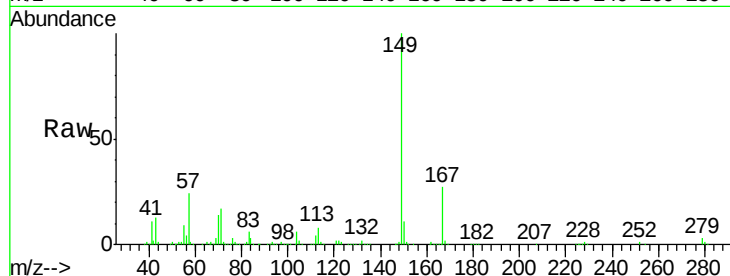
Tot Ion:149 Resp: 364778

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

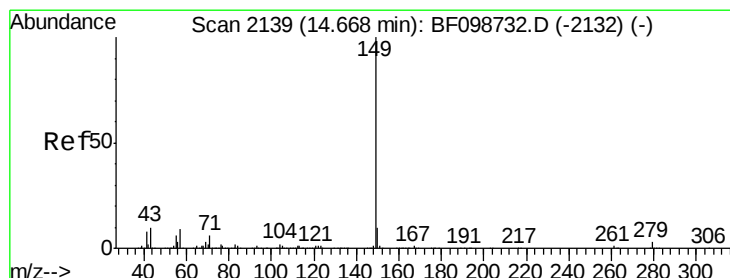
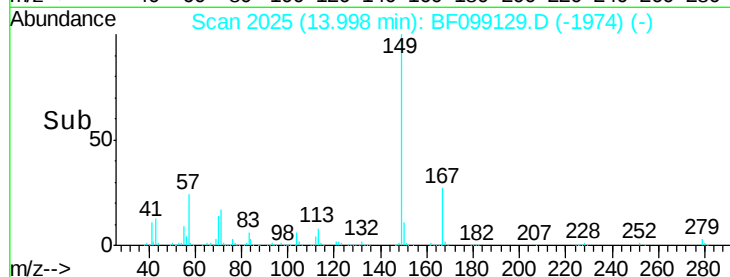
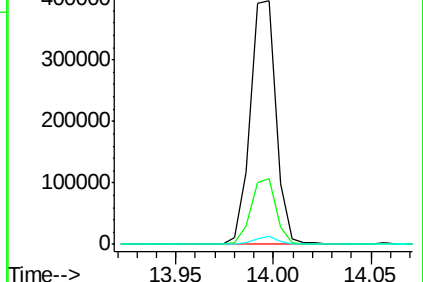
279 3.2 3.0 4.4



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: 37.55 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

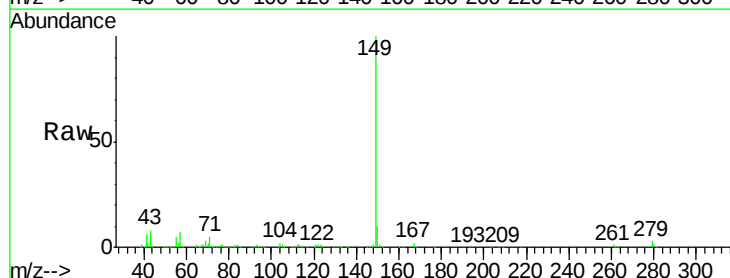
Tgt Ion:149 Resp: 683914

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

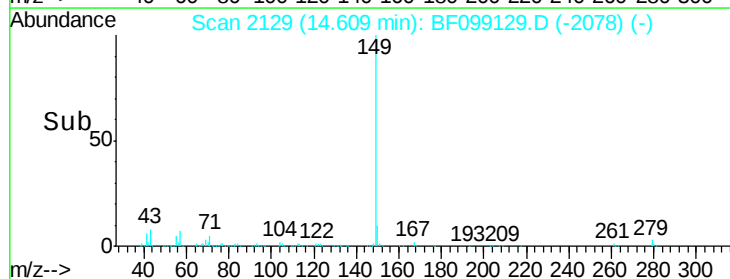
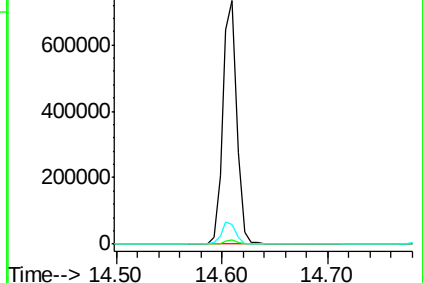
43 9.3 8.4 12.6

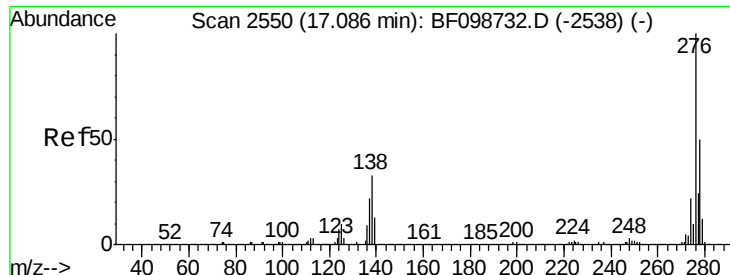


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

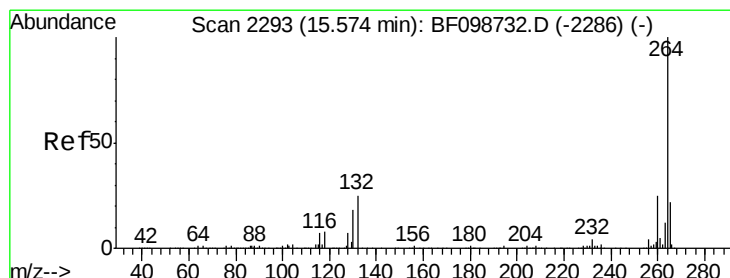
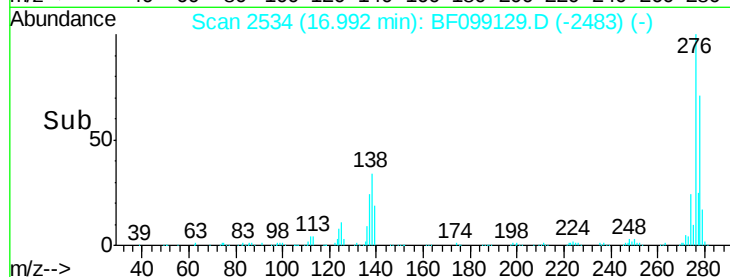
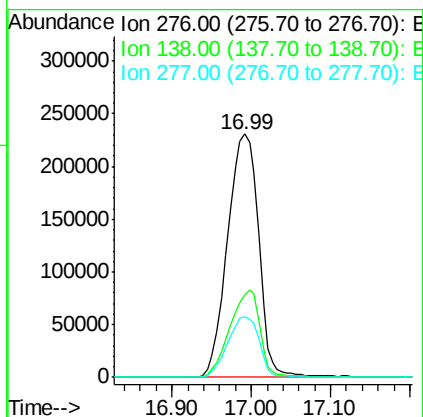
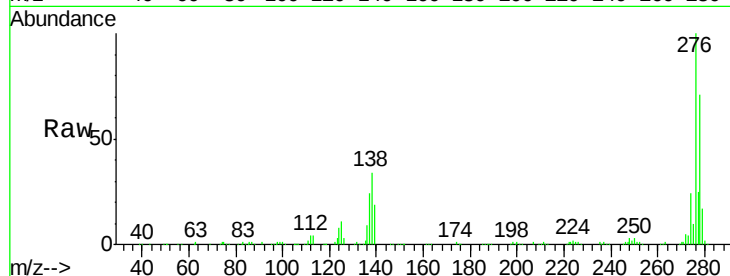




#85
Indeno(1,2,3-cd)pyrene
Concen: 59.48 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

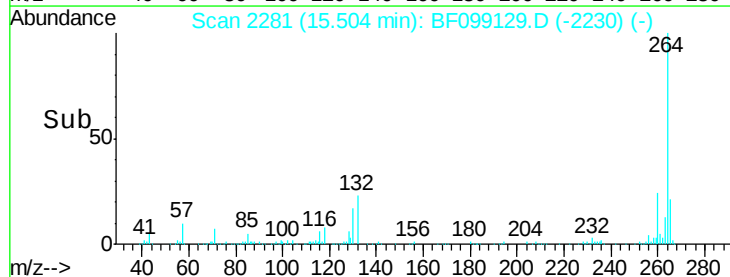
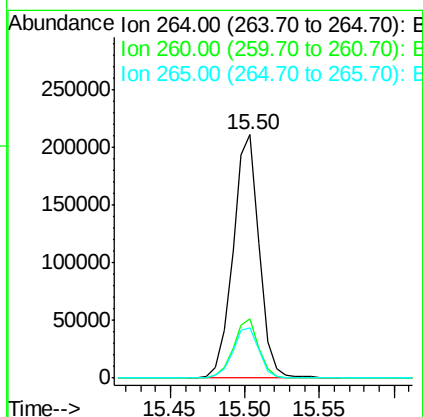
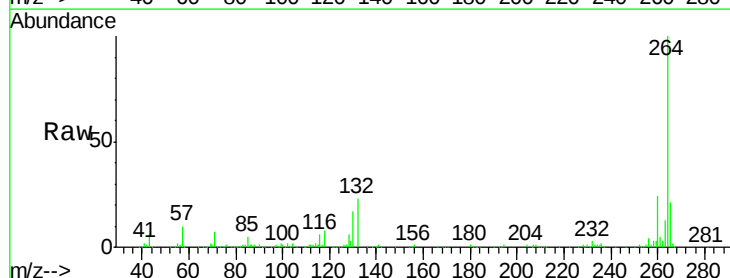
Instrument :
BNA_F
ClientSampleId :

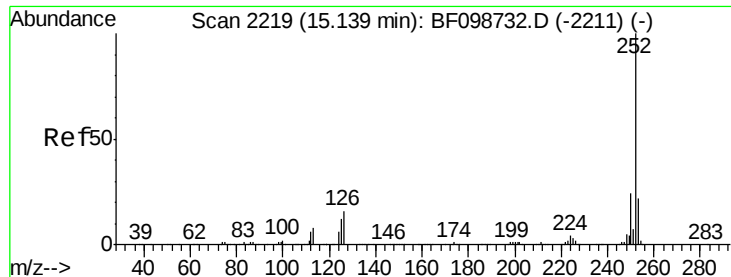
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	25.0	37.6
277	25.2	20.1	30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.5	17.5	26.3

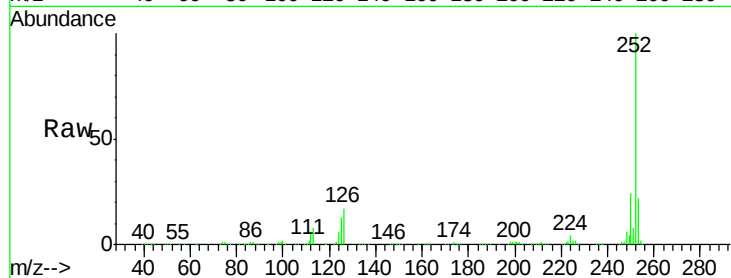




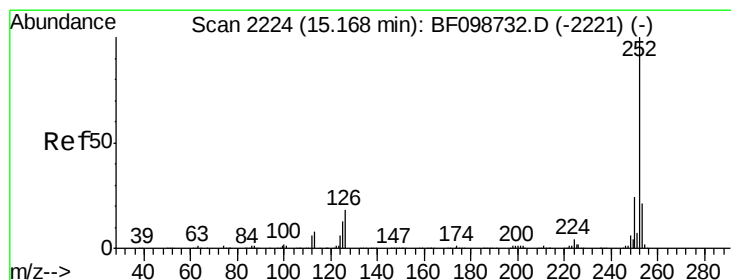
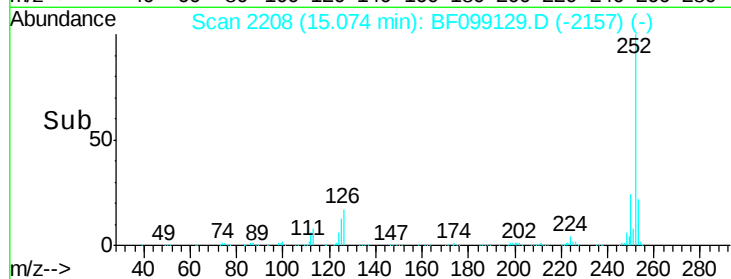
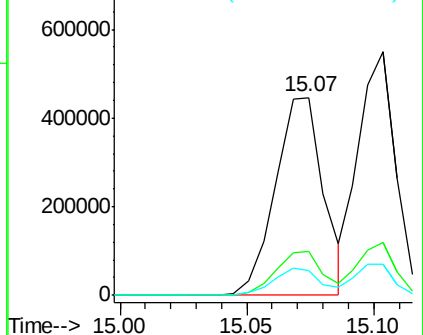
#87
Benzo(b)fluoranthene
Concen: 37.14 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 591191
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 12.5 9.0 13.6

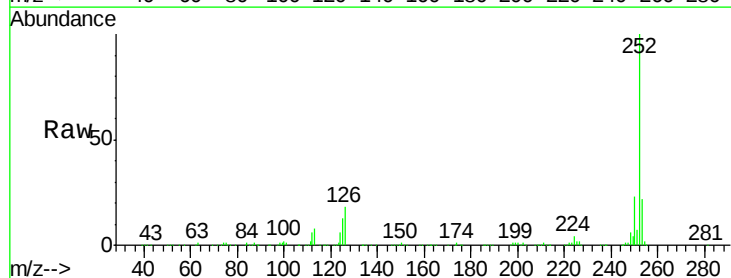


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

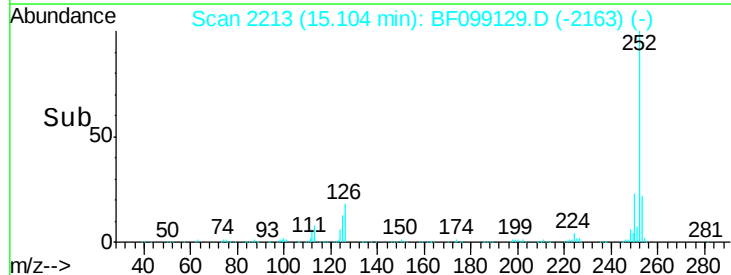
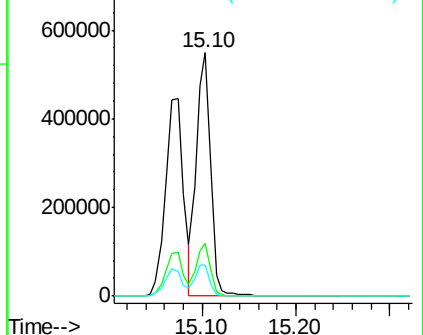


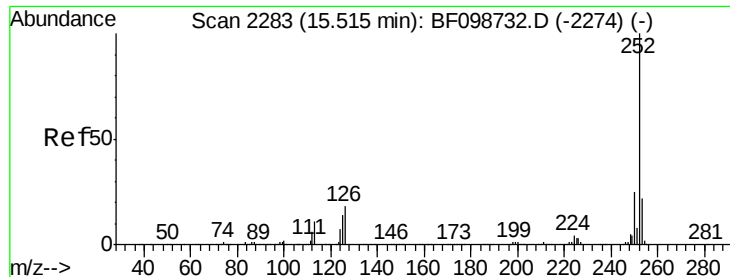
#88
Benzo(k)fluoranthene
Concen: 36.45 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Tgt Ion:252 Resp: 573029
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 12.7 10.2 15.2



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

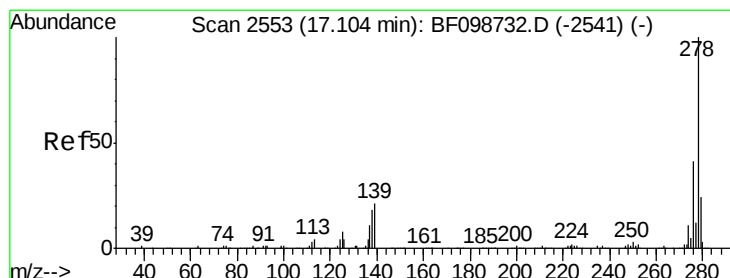
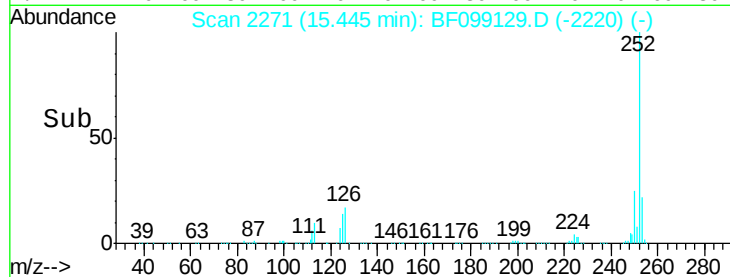
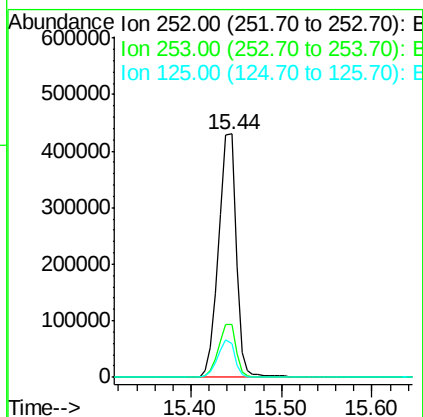
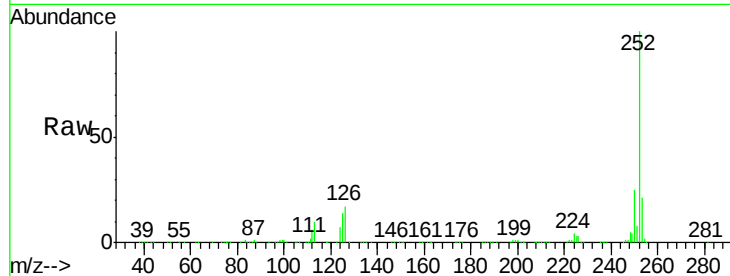




#89
Benzo(a)pyrene
Concen: 39.76 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

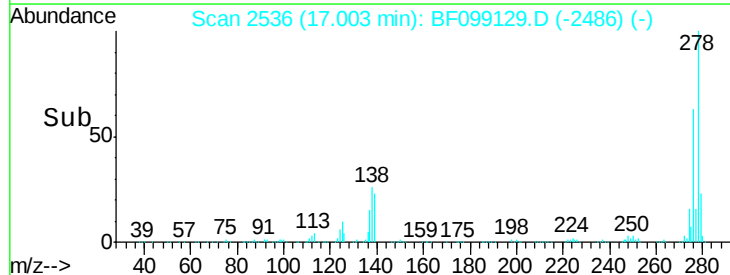
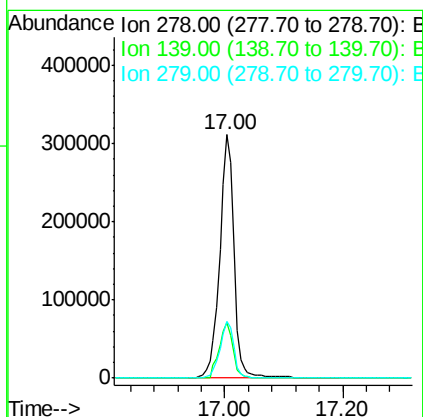
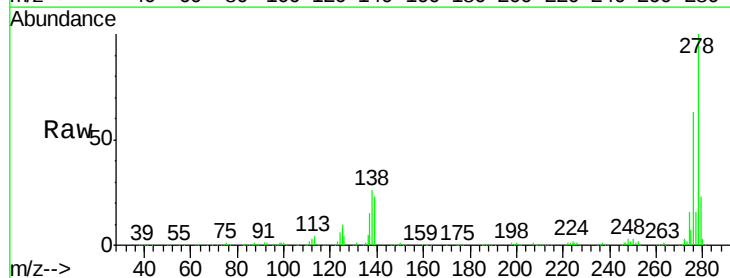
Instrument :
BNA_F
ClientSampled :

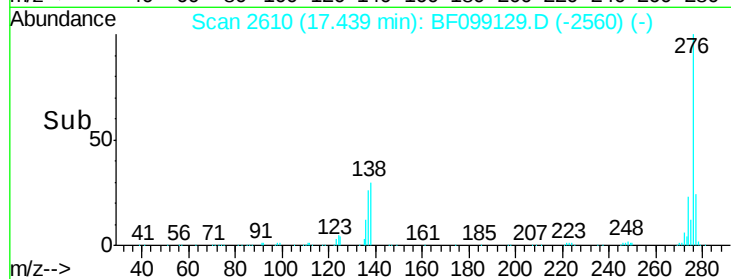
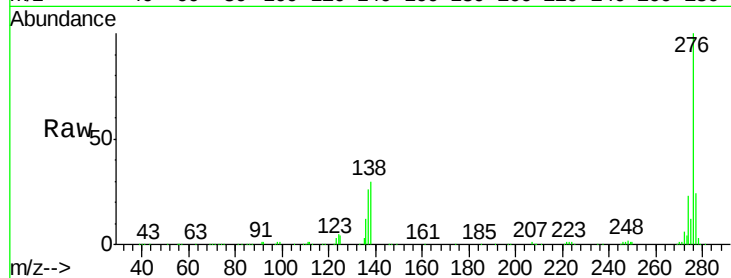
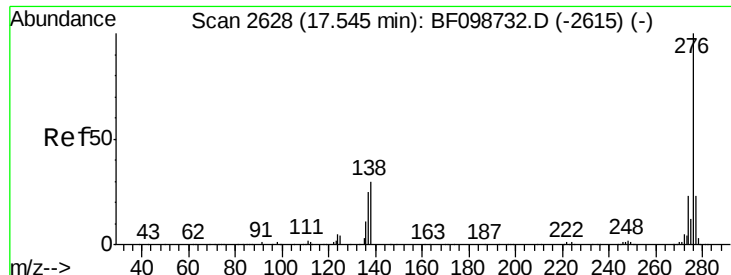
Tot Ion:252 Resp: 580975
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 13.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 44.55 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF099129.D
Acq: 6 Oct 2017 5:24

Tgt Ion:278 Resp: 520994
Ion Ratio Lower Upper
278 100
139 22.5 15.9 23.9
279 23.1 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 43.49 ng

RT: 17.44 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BF099129.D

Acq: 6 Oct 2017 5:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 502738

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 30.4 21.8 32.8

