

Data File : BF096965.D
Acq On : 22 Jul 2017 2:01
Operator : SJ/JU
Sample : PB100832BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB100832BS

Quant Time: Jul 22 03:23:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	120539	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	424773	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	161968	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	208793	20.00	ng	-0.04
75) Chrysene-d12	13.69	240	160566	20.00	ng	-0.05
86) Perylene-d12	15.05	264	194634	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	501499	62.56	ng	-0.04
7) Phenol-d6	6.22	99	686583	71.37	ng	-0.04
23) Nitrobenzene-d5	7.13	82	542858	79.16	ng	-0.04
41) 2,4,6-Tribromophenol	10.37	330	91320	66.05	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	874282	85.28	ng	-0.05
78) Terphenyl-d14	12.65	244	471437	50.92	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.16	88	95488	23.15	ng	# 73
3) Pyridine	2.80	79	304285	35.10	ng	# 58
4) n-Nitrosodimethylamine	2.76	42	199173	41.08	ng	# 85
6) Aniline	6.22	93	291781	24.62	ng	# 74
8) 2-Chlorophenol	6.35	128	306168	35.40	ng	# 95
9) Benzaldehyde	6.10	77	131423	23.64	ng	# 99
10) Phenol	6.23	94	387830	35.66	ng	# 98
11) bis(2-Chloroethyl)ether	6.30	93	322662	39.45	ng	# 91
12) 1,3-Dichlorobenzene	6.50	146	334037	36.34	ng	# 99
13) 1,4-Dichlorobenzene	6.57	146	335330	36.02	ng	# 95
14) 1,2-Dichlorobenzene	6.73	146	295214	34.86	ng	# 97
15) Benzyl Alcohol	6.71	79	219680	34.88	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	6.85	45	643077	38.10	ng	# 93
17) 2-Methylphenol	6.83	107	241463	35.90	ng	# 96
18) Hexachloroethane	7.07	117	96162	29.13	ng	# 83
19) n-Nitroso-di-n-propylamine	6.98	70	181134	31.25	ng	# 79
20) 3+4-Methylphenols	6.99	107	276503	33.88	ng	# 64
22) Acetophenone	6.97	105	368880	38.85	ng	# 96
24) Nitrobenzene	7.15	77	278967	39.33	ng	# 91
25) Isophorone	7.39	82	492564	38.61	ng	# 96
26) 2-Nitrophenol	7.46	139	148616	37.68	ng	# 92
27) 2,4-Dimethylphenol	7.52	122	243046	37.46	ng	# 97
28) bis(2-Chloroethoxy)methane	7.60	93	340123	39.46	ng	# 99
29) 2,4-Dichlorophenol	7.71	162	218798	37.26	ng	# 96
30) 1,2,4-Trichlorobenzene	7.79	180	211856	37.94	ng	# 98
31) Naphthalene	7.86	128	768236	38.18	ng	# 99
32) Benzoic acid	7.65	122	124394	30.00	ng	# 92
33) 4-Chloroaniline	7.92	127	146443	18.37	ng	# 98
34) Hexachlorobutadiene	7.99	225	108478	36.39	ng	# 97
35) Caprolactam	8.29	113	69553	36.96	ng	# 58
36) 4-Chloro-3-methylphenol	8.42	107	218846	34.66	ng	# 87
37) 2-Methylnaphthalene	8.55	142	495821	38.65	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	177343	40.50	ng	# 99
40) Hexachlorocyclopentadiene	8.70	237	19859	16.29	ng	# 99

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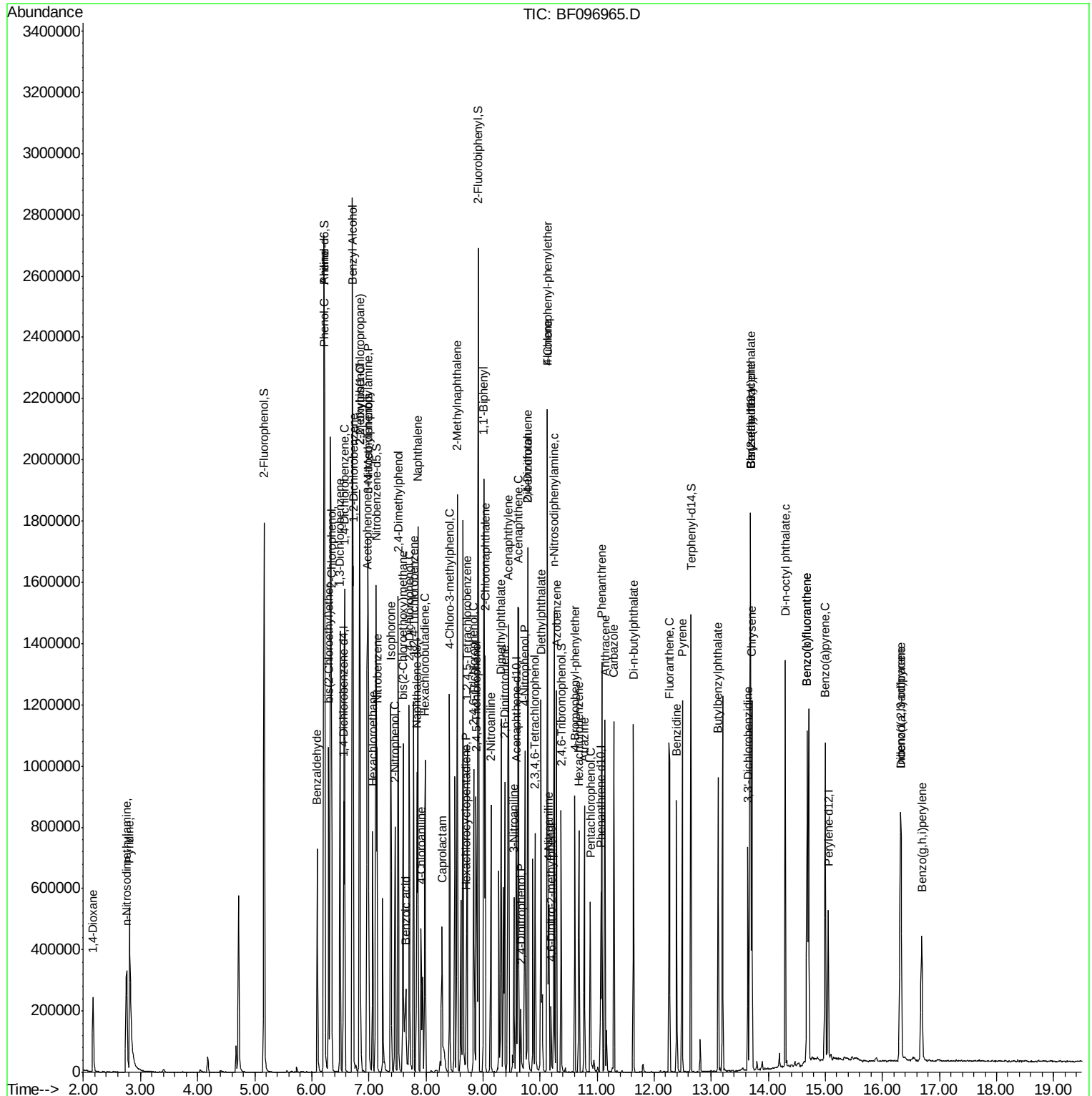
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	122116	37.81	ng	96
43) 2,4,5-Trichlorophenol	8.88	196	125021	38.38	ng	98
45) 1,1'-Biphenyl	9.02	154	540482	38.91	ng	98
46) 2-Chloronaphthalene	9.04	162	408662	39.95	ng	94
47) 2-Nitroaniline	9.14	65	147255	41.88	ng	90
48) Acenaphthylene	9.45	152	621045	38.11	ng	99
49) Dimethylphthalate	9.32	163	500079	41.00	ng	100
50) 2,6-Dinitrotoluene	9.38	165	102056	38.63	ng	# 76
51) Acenaphthene	9.62	154	356545	37.03	ng	97
52) 3-Nitroaniline	9.55	138	77041	24.62	ng	94
53) 2,4-Dinitrophenol	9.66	184	26261	25.13	ng	# 73
54) Dibenzofuran	9.79	168	515090	38.18	ng	99
55) 4-Nitrophenol	9.73	139	125507	54.90	ng	# 72
56) 2,4-Dinitrotoluene	9.79	165	116322	34.27	ng	# 67
57) Fluorene	10.13	166	368936	37.01	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	79460	35.18	ng	99
59) Diethylphthalate	10.02	149	459507	38.70	ng	99
60) 4-Chlorophenyl-phenylether	10.13	204	160197	36.98	ng	97
61) 4-Nitroaniline	10.15	138	90946	30.95	ng	92
62) Azobenzene	10.29	77	412377	39.37	ng	91
64) 4,6-Dinitro-2-methylphenol	10.20	198	24622	18.78	ng	# 76
65) n-Nitrosodiphenylamine	10.25	169	344732	46.19	ng	99
66) 4-Bromophenyl-phenylether	10.61	248	95029	44.58	ng	93
67) Hexachlorobenzene	10.68	284	93905	39.55	ng	# 89
68) Atrazine	10.78	200	81198	38.19	ng	95
69) Pentachlorophenol	10.88	266	67613	58.95	ng	99
70) Phenanthrene	11.09	178	470304	41.43	ng	99
71) Anthracene	11.14	178	456075	39.73	ng	98
72) Carbazole	11.29	167	446282	40.15	ng	99
73) Di-n-butylphthalate	11.64	149	588383	42.50	ng	98
74) Fluoranthene	12.26	202	446869	41.12	ng	98
76) Benzidine	12.39	184	320394	60.91	ng	# 92
77) Pyrene	12.49	202	470647	32.30	ng	99
79) Butylbenzylphthalate	13.12	149	206012	29.75	ng	# 81
80) Benzo(a)anthracene	13.68	228	395892	39.57	ng	98
81) 3,3'-Dichlorobenzidine	13.64	252	145845	40.54	ng	# 95
82) Chrysene	13.72	228	401273	40.74	ng	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	283145	33.58	ng	# 98
84) Di-n-octyl phthalate	14.30	149	611857	43.90	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.32	276	351435	38.51	ng	96
87) Benzo(b)fluoranthene	14.68	252	452909	38.58	ng	98
88) Benzo(k)fluoranthene	14.68	252	452909	40.74	ng	97
89) Benzo(a)pyrene	15.00	252	447019	41.52	ng	97
90) Dibenzo(a,h)anthracene	16.33	278	298367	30.12	ng	98
91) Benzo(g,h,i)perylene	16.69	276	287295	27.08	ng	99

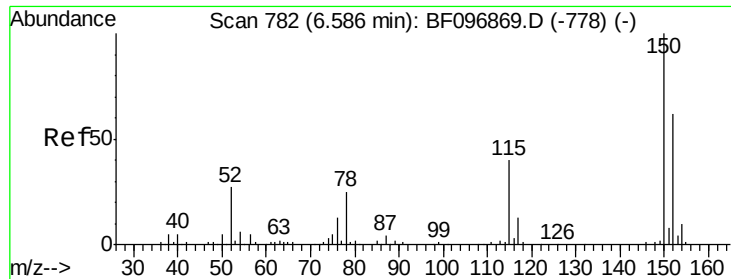
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 777

Delta R.T. -0.04 min

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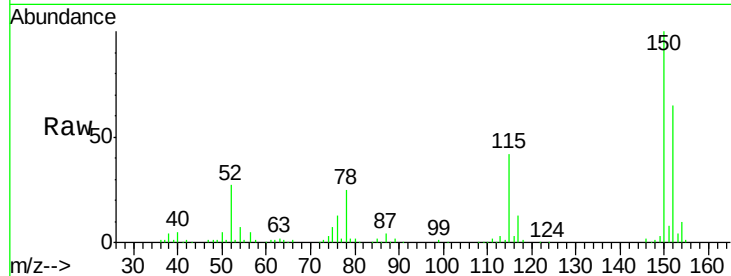
Tgt Ion:152 Resp: 120539

Ion Ratio Lower Upper

152 100

150 153.3 126.2 189.2

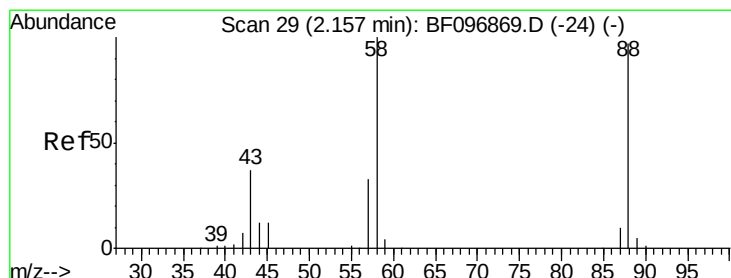
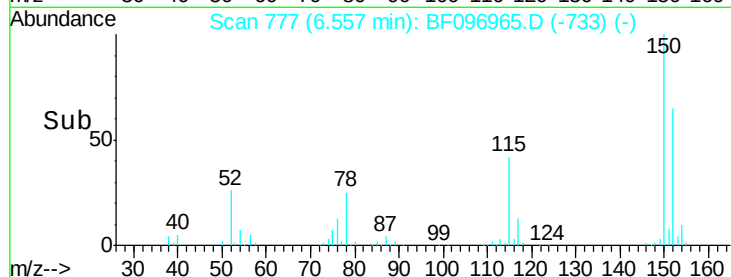
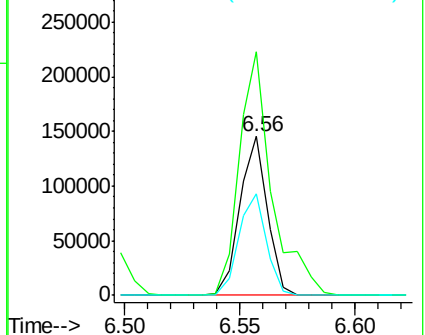
115 63.7 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 23.15 ng

RT: 2.16 min Scan# 30

Delta R.T. -0.02 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

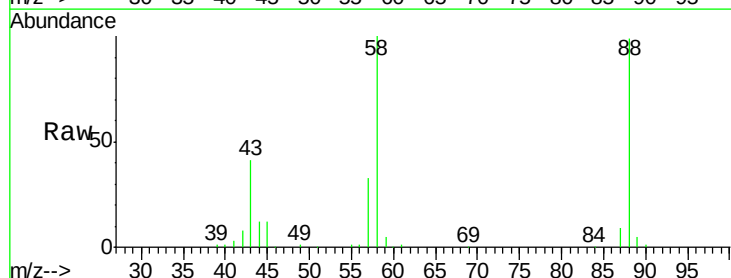
Tgt Ion: 88 Resp: 95488

Ion Ratio Lower Upper

88 100

58 101.6 61.4 92.0#

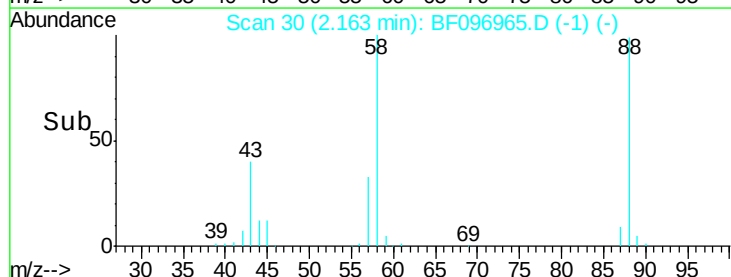
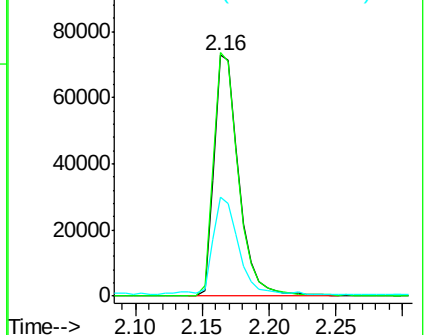
43 41.9 23.4 35.0#

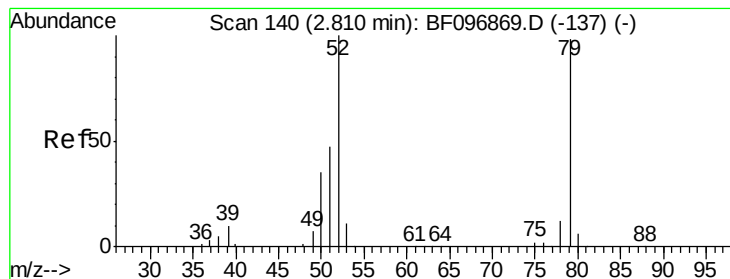


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.10 ng

RT: 2.80 min Scan# 139

Delta R.T. -0.04 min

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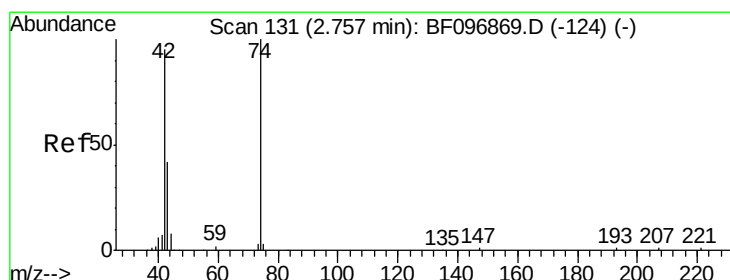
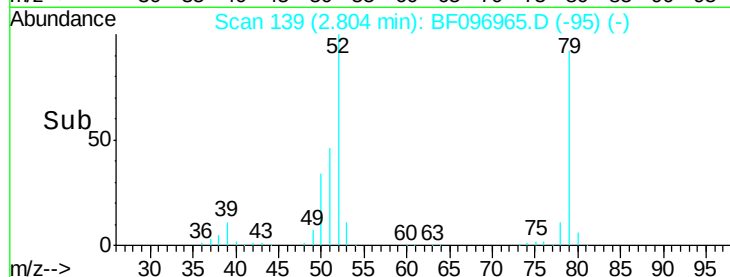
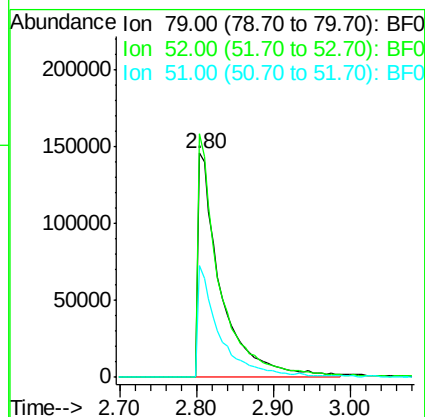
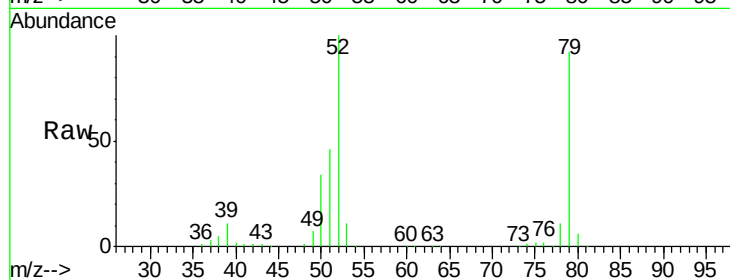
Tgt Ion: 79 Resp: 304285

Ion Ratio Lower Upper

79 100

52 108.5 54.8 82.2#

51 49.7 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 41.08 ng

RT: 2.76 min Scan# 131

Delta R.T. -0.04 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

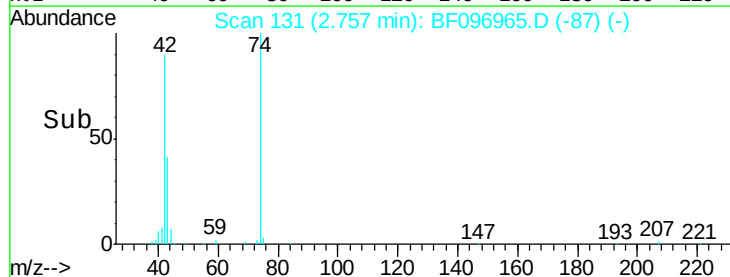
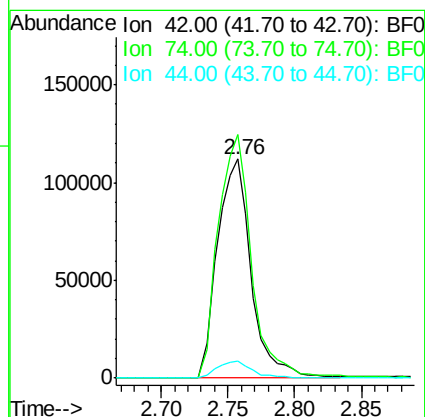
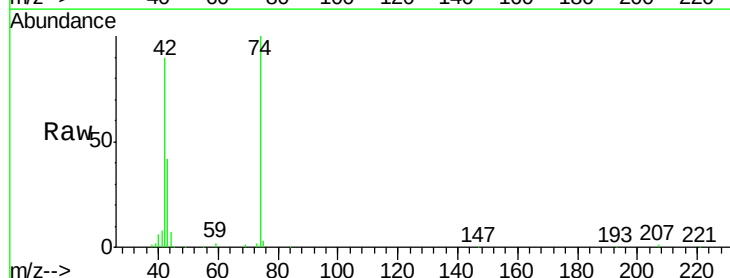
Tgt Ion: 42 Resp: 199173

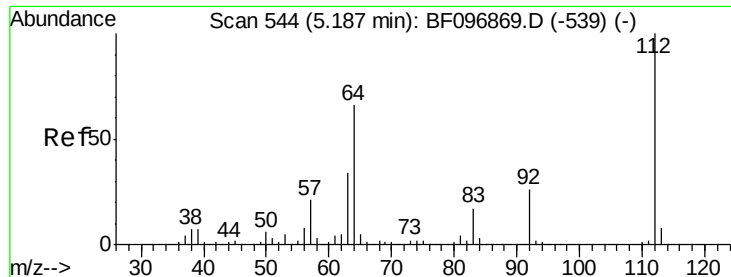
Ion Ratio Lower Upper

42 100

74 111.1 103.9 155.9

44 7.7 5.7 8.5





#5

2-Fluorophenol

Concen: 62.56 ng

RT: 5.16 min Scan# 540

Delta R.T. -0.04 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

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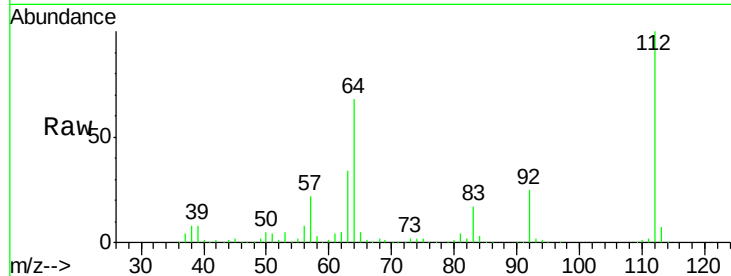
Tgt Ion: 112 Resp: 501499

Ion Ratio Lower Upper

112 100

64 68.1 46.0 69.0

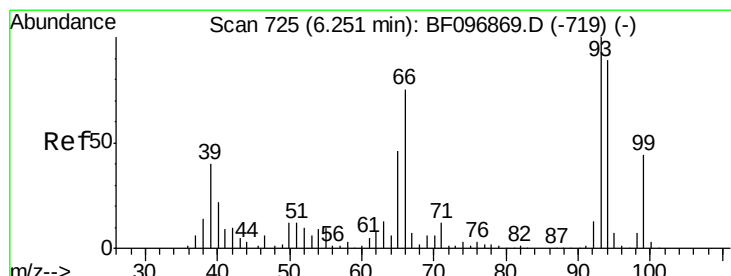
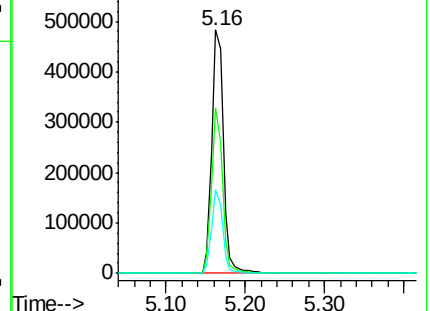
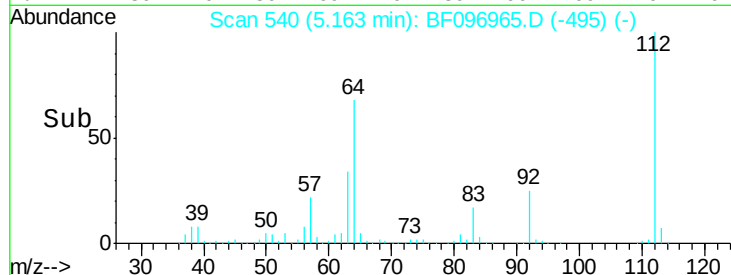
63 34.4 23.4 35.0



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: 24.62 ng

RT: 6.22 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

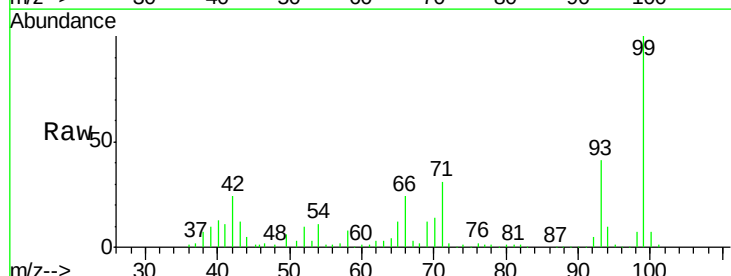
Tgt Ion: 93 Resp: 291781

Ion Ratio Lower Upper

93 100

66 59.5 32.9 49.3#

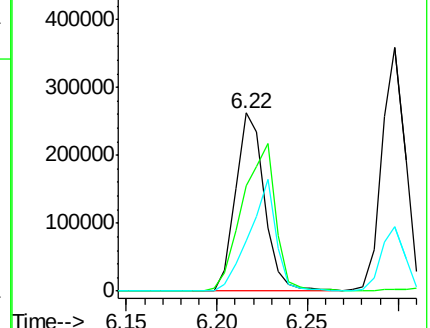
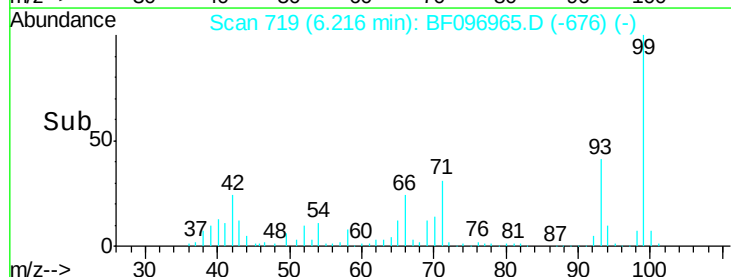
65 28.5 16.0 24.0#

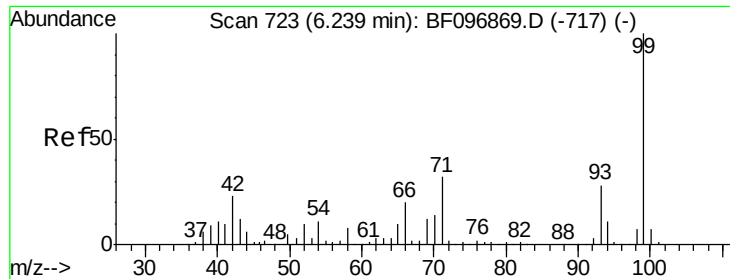


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 71.37 ng

RT: 6.22 min Scan# 719

Delta R.T. -0.04 min

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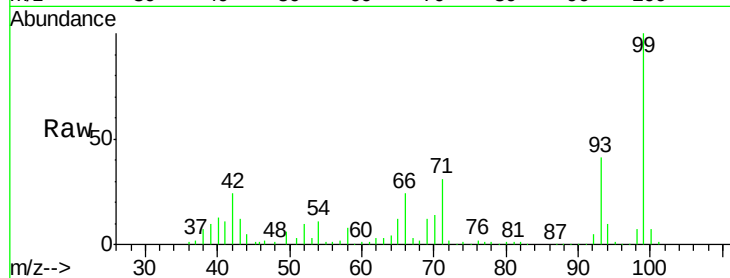
Tgt Ion: 99 Resp: 686583

Ion Ratio Lower Upper

99 100

42 24.3 13.5 20.3#

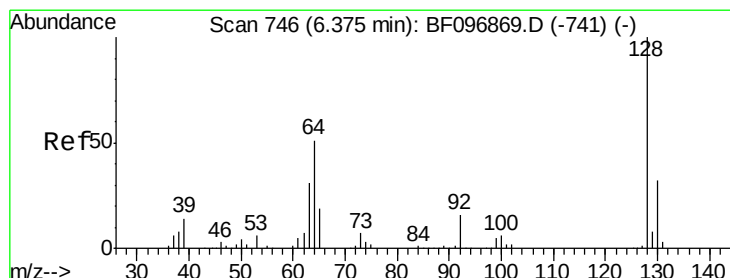
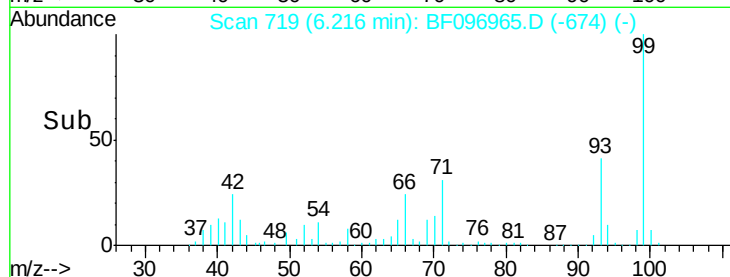
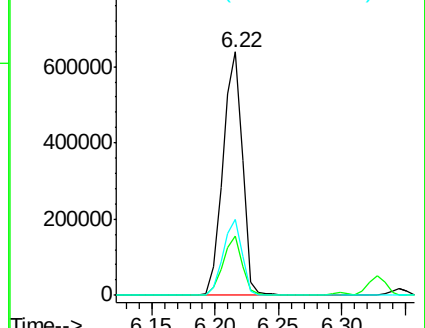
71 31.3 24.5 36.7



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: 35.40 ng

RT: 6.35 min Scan# 741

Delta R.T. -0.04 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

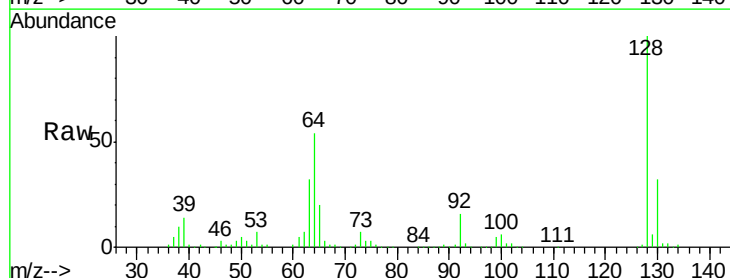
Tgt Ion: 128 Resp: 306168

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

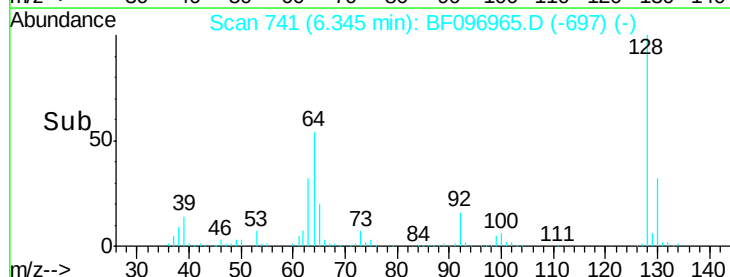
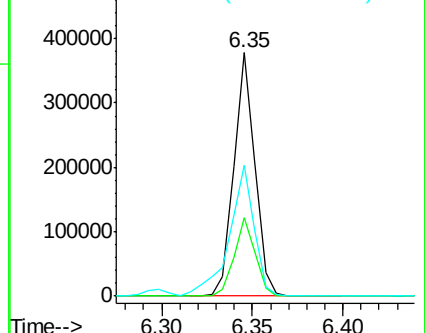
64 53.9 28.4 68.4

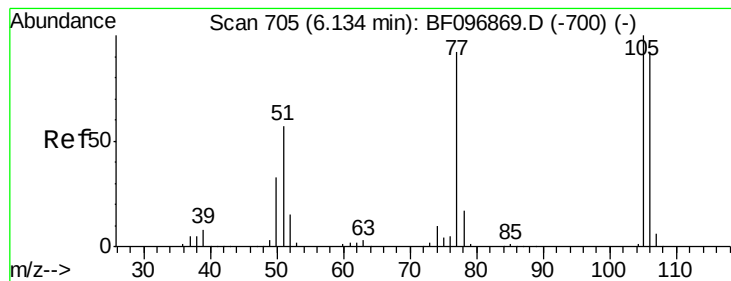


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.64 ng

RT: 6.10 min Scan# 699

Delta R.T. -0.05 min

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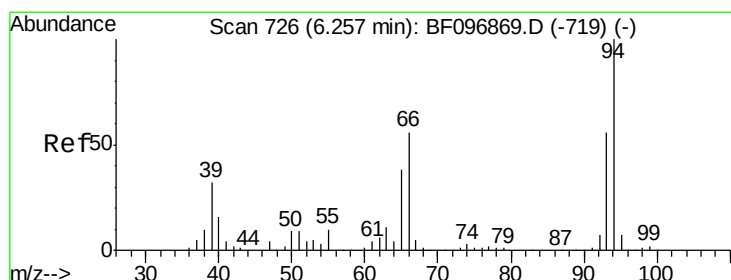
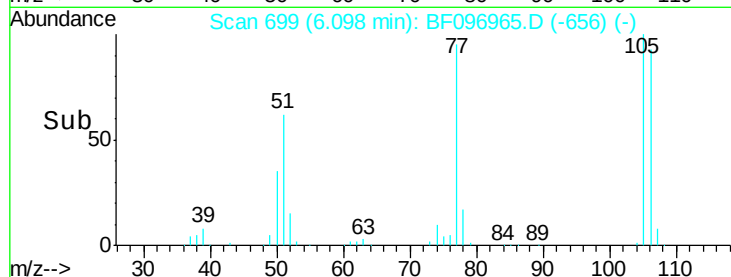
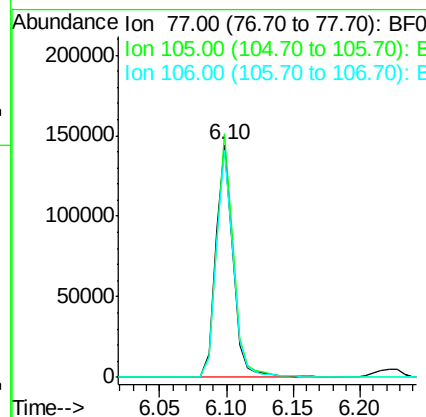
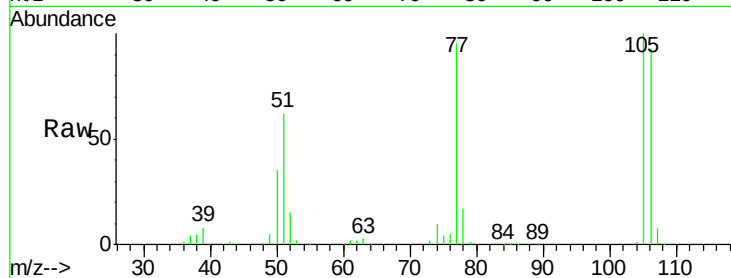
Tgt Ion: 77 Resp: 131423

Ion Ratio Lower Upper

77 100

105 104.9 83.8 123.8

106 97.6 79.1 119.1



#10

Phenol

Concen: 35.66 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.04 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

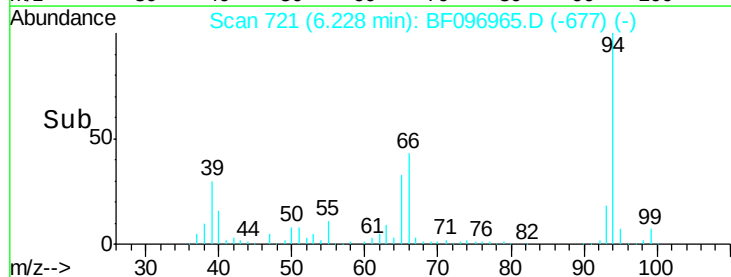
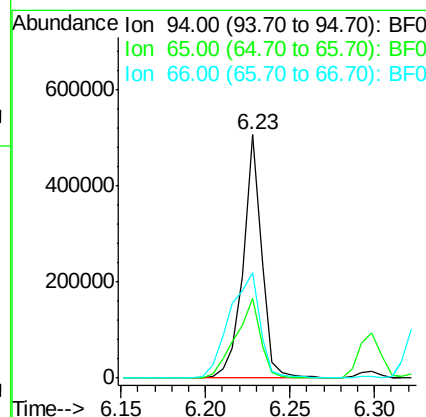
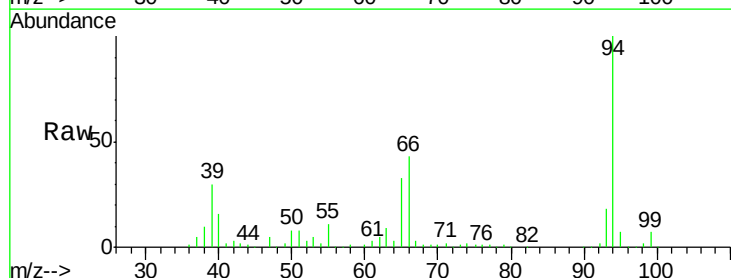
Tgt Ion: 94 Resp: 387830

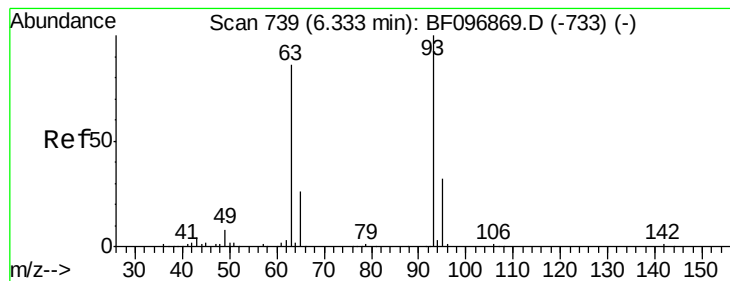
Ion Ratio Lower Upper

94 100

65 32.5 9.9 49.9

66 43.0 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 39.45 ng

RT: 6.30 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

Instrument :

BNA_F

ClientSampleId :

PB100832BS

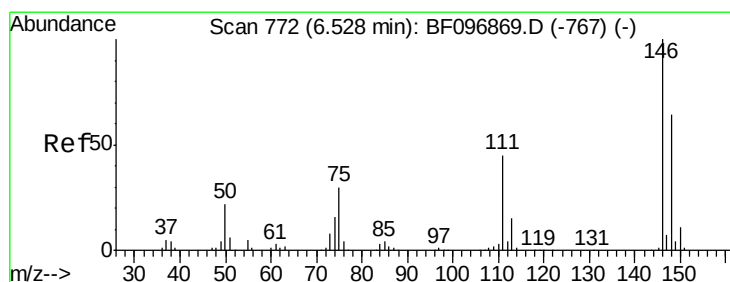
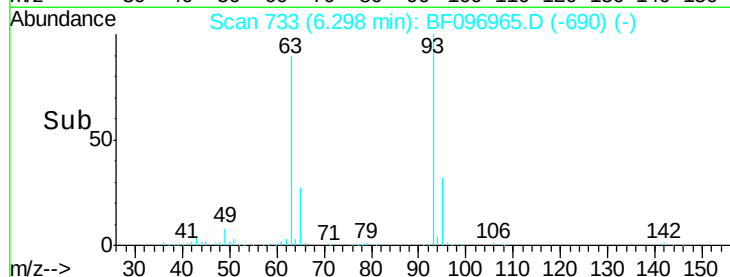
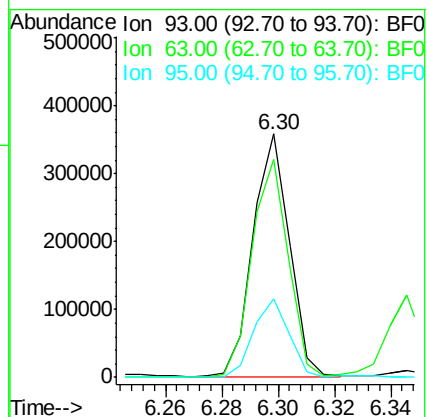
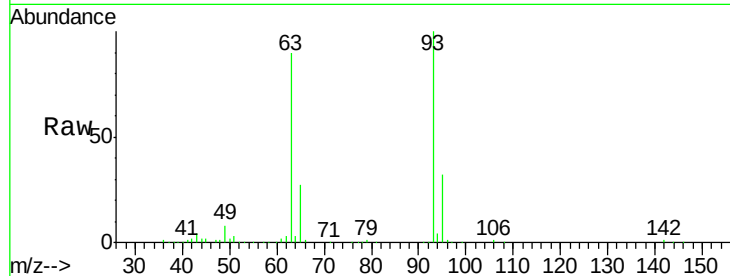
Tgt Ion: 93 Resp: 322662

Ion Ratio Lower Upper

93 100

63 89.8 59.2 99.2

95 32.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 36.34 ng

RT: 6.50 min Scan# 767

Delta R.T. -0.04 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

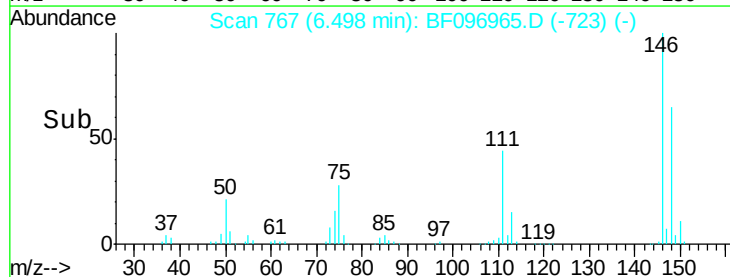
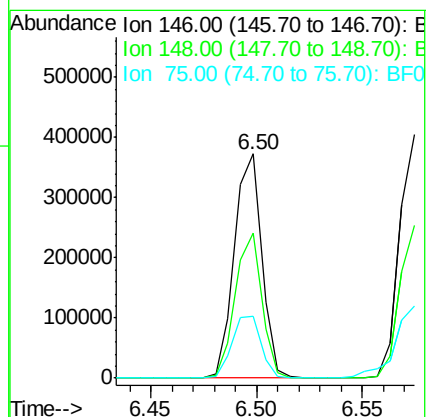
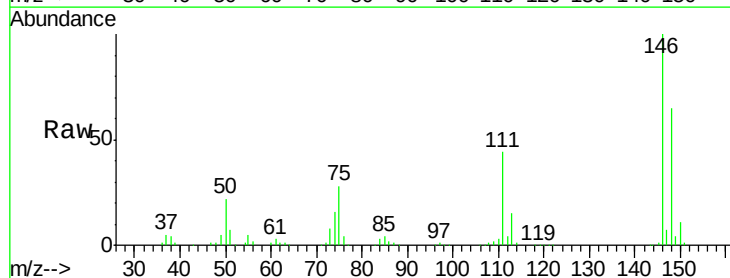
Tgt Ion: 146 Resp: 334037

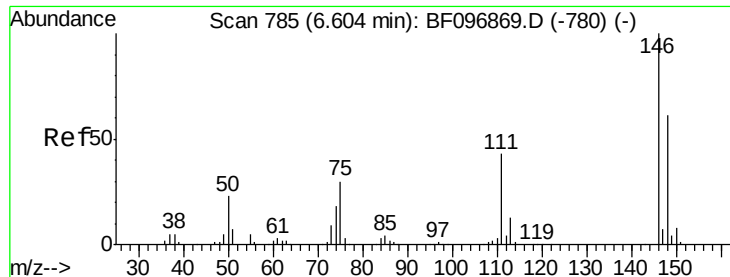
Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

75 27.9 23.1 34.7

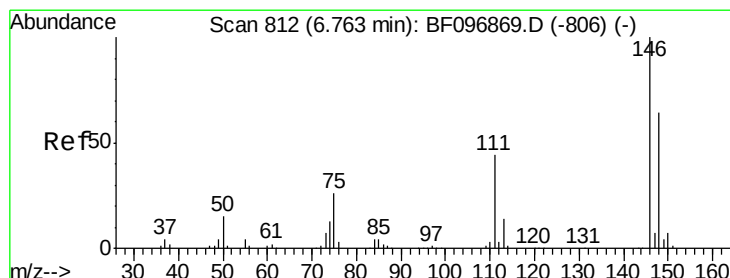
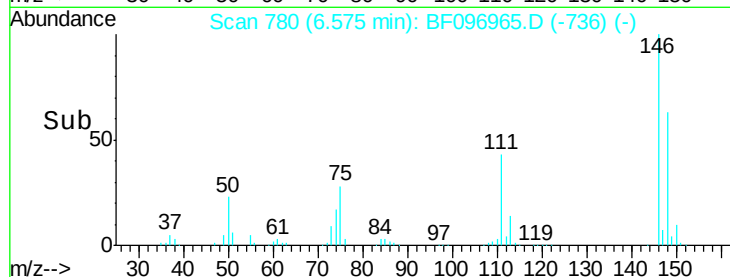
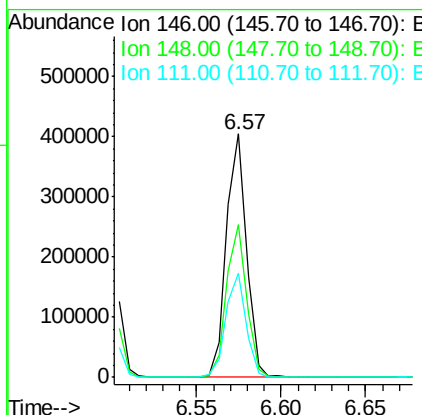
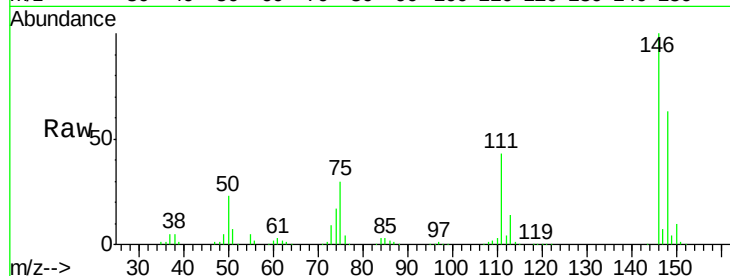




#13
 1,4-Dichlorobenzene
 Concen: 36.02 ng
 RT: 6.57 min Scan# 780
 Delta R.T. -0.04 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

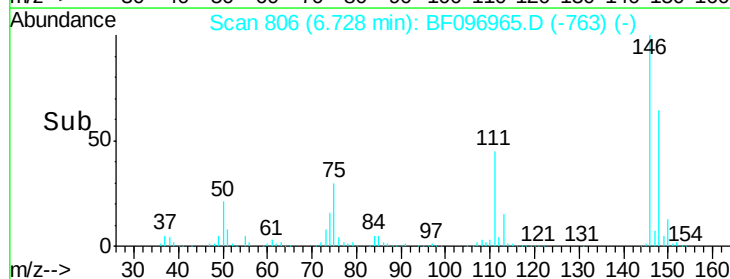
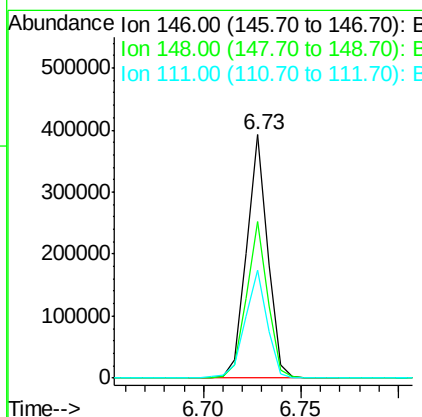
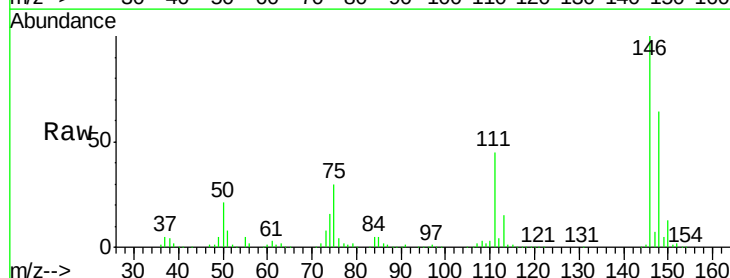
Instrument :
 BNA_F
 ClientSampleId :
 PB100832BS

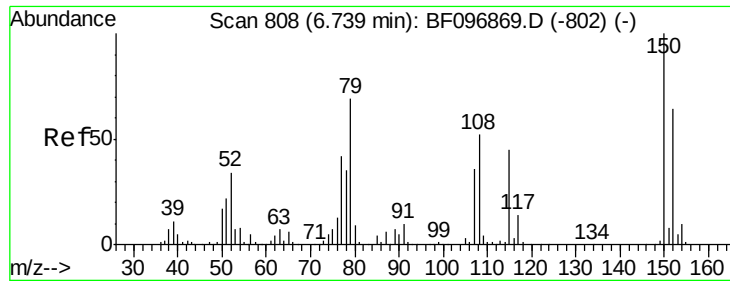
Tgt Ion:146 Resp: 335330
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.2 78.2
 111 42.6 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 34.86 ng
 RT: 6.73 min Scan# 806
 Delta R.T. -0.05 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

Tgt Ion:146 Resp: 295214
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.4 75.6
 111 44.5 38.2 57.4

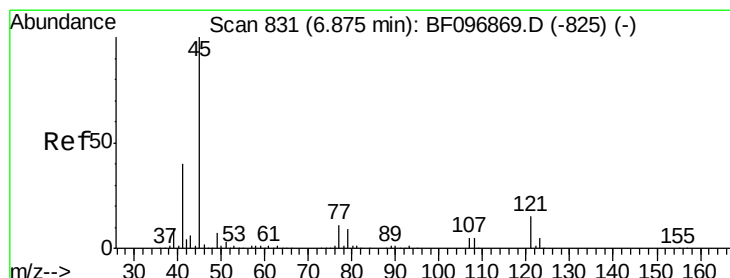
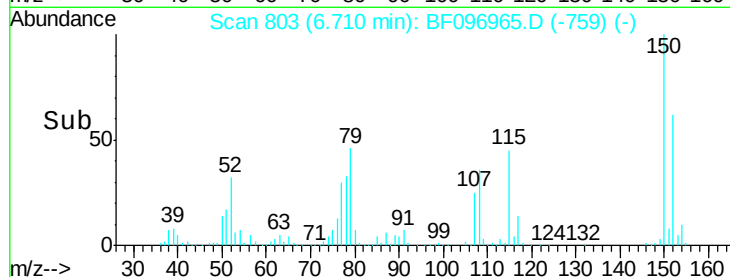
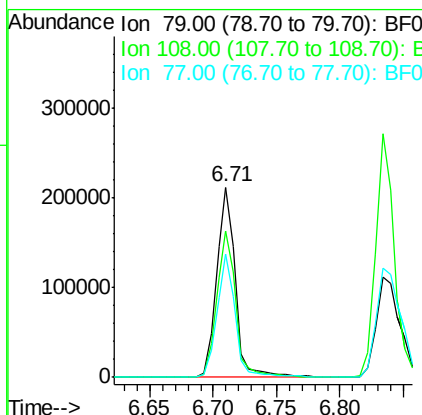
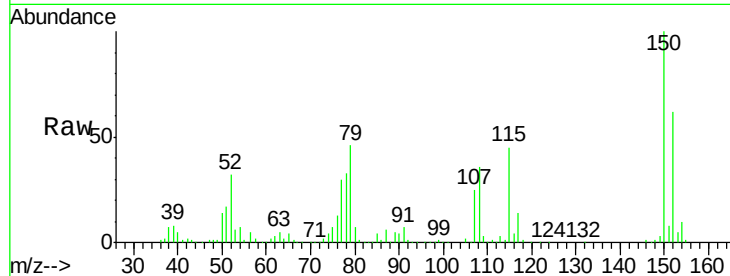




#15
Benzyl Alcohol
Concen: 34.88 ng
RT: 6.71 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

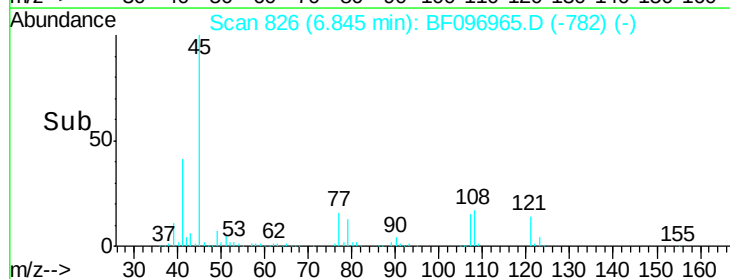
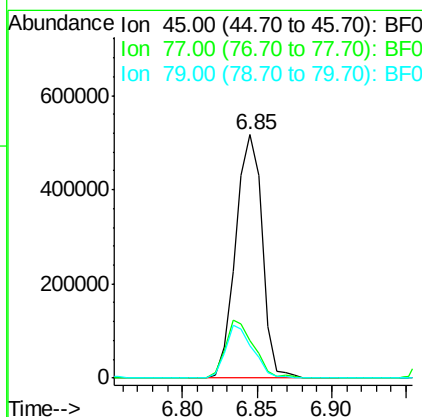
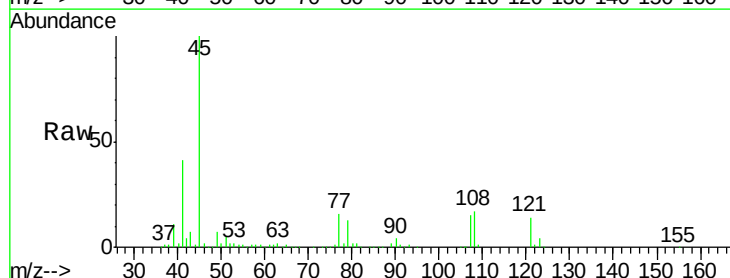
Instrument :
BNA_F
ClientSampleId :
PB100832BS

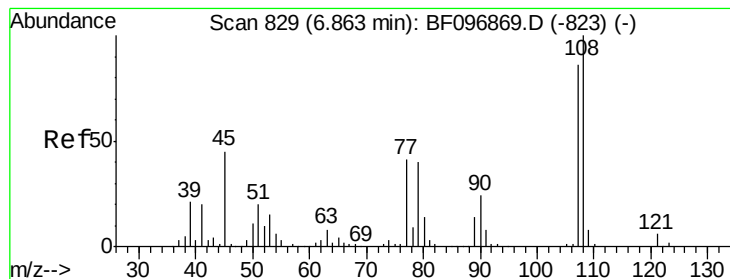
Tgt Ion: 79 Resp: 219680
Ion Ratio Lower Upper
79 100
108 77.4 63.4 95.0
77 64.8 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.10 ng
RT: 6.85 min Scan# 826
Delta R.T. -0.04 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

Tgt Ion: 45 Resp: 643077
Ion Ratio Lower Upper
45 100
77 15.7 0.0 33.2
79 13.1 0.0 30.0





#17

2-Methylphenol

Concen: 35.90 ng

RT: 6.83 min Scan# 824

Delta R.T. -0.04 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

Instrument :

BNA_F

ClientSampleId :

PB100832BS

Tgt Ion:107 Resp: 241463

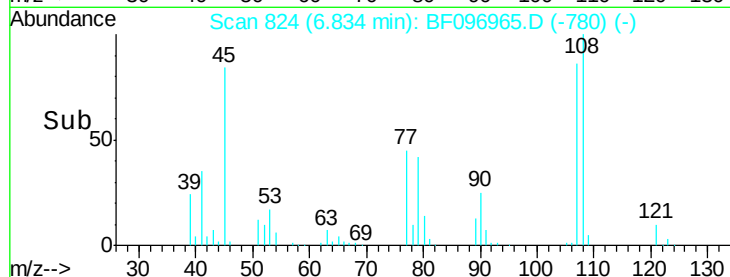
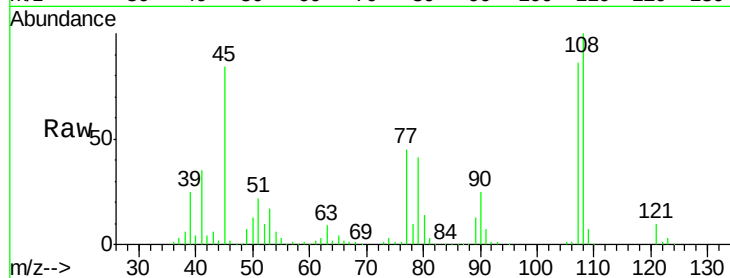
Ion Ratio Lower Upper

107 100

108 116.5 93.4 140.0

77 52.5 35.8 53.6

79 48.0 34.8 52.2



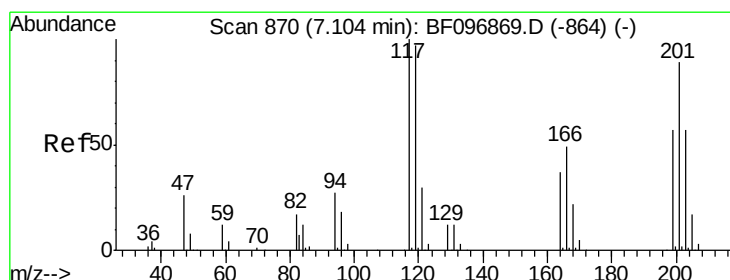
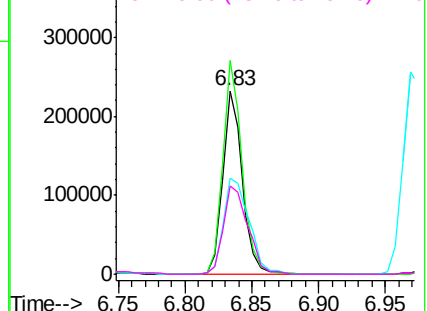
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 29.13 ng

RT: 7.07 min Scan# 864

Delta R.T. -0.04 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

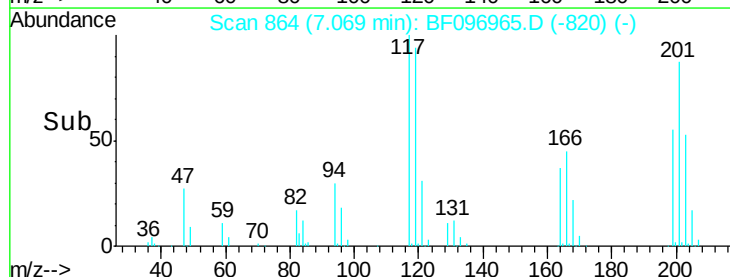
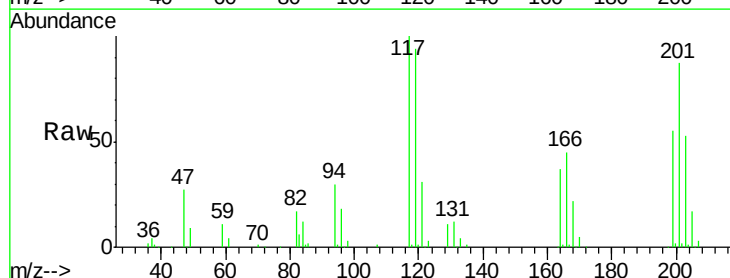
Tgt Ion:117 Resp: 96162

Ion Ratio Lower Upper

117 100

119 94.1 77.4 116.0

201 87.1 94.6 141.8#

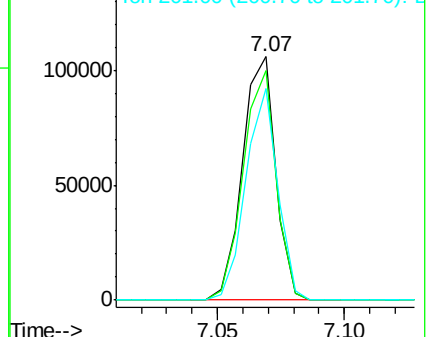


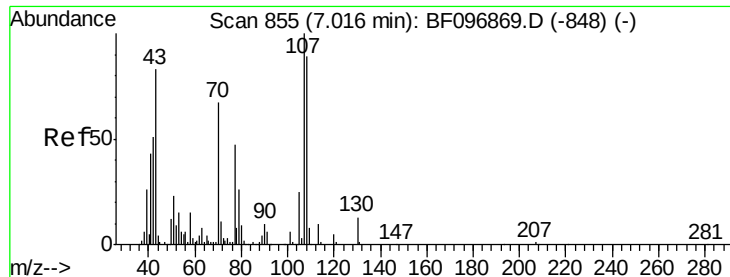
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

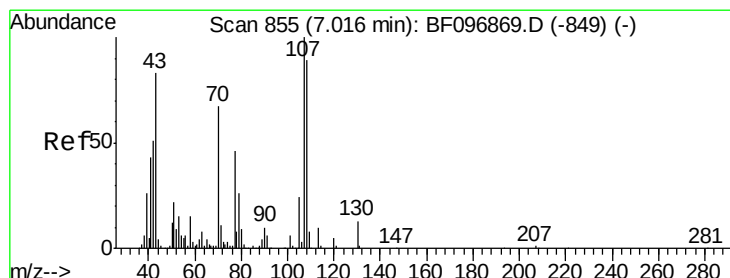
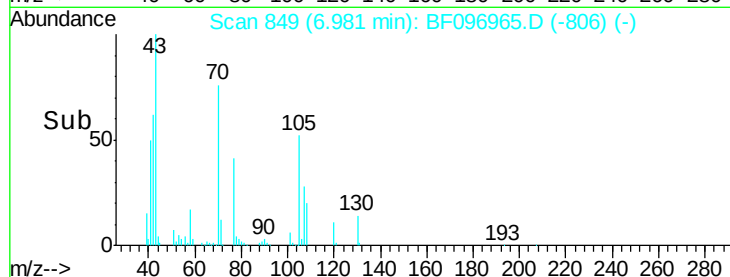
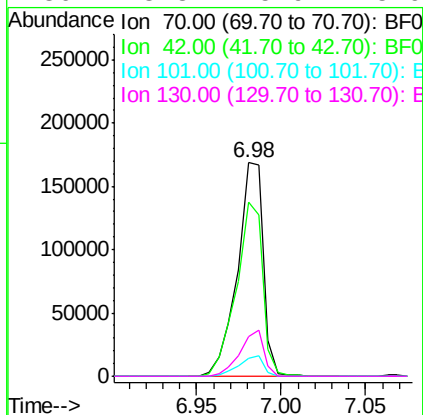
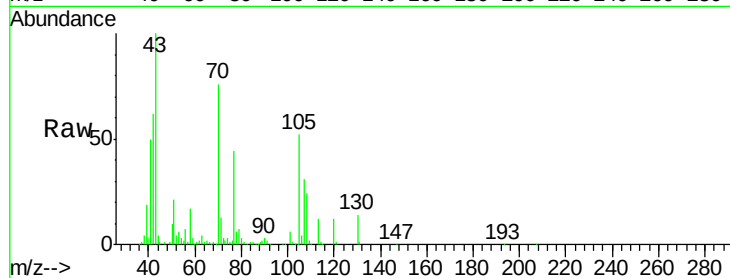




#19
n-Nitroso-di-n-propylamine
Concen: 31.25 ng
RT: 6.98 min Scan# 849
Delta R.T. -0.05 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

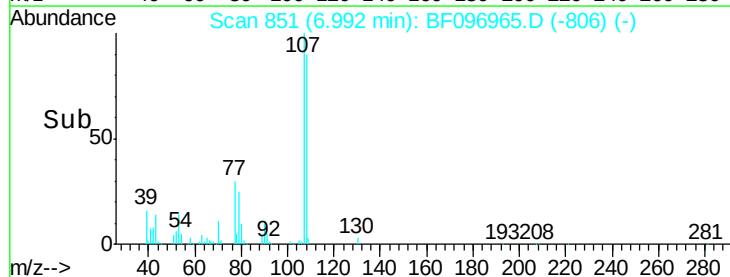
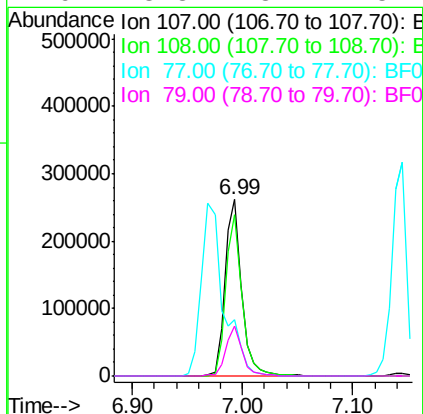
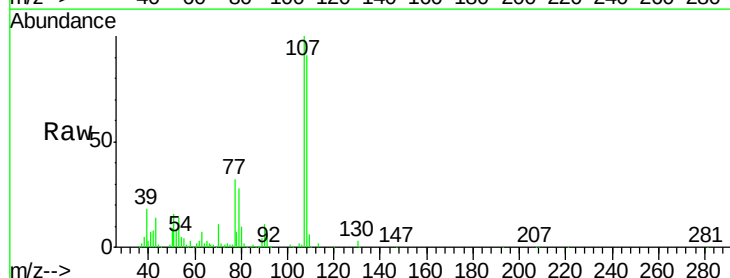
Instrument :
BNA_F
ClientSampleId :
PB100832BS

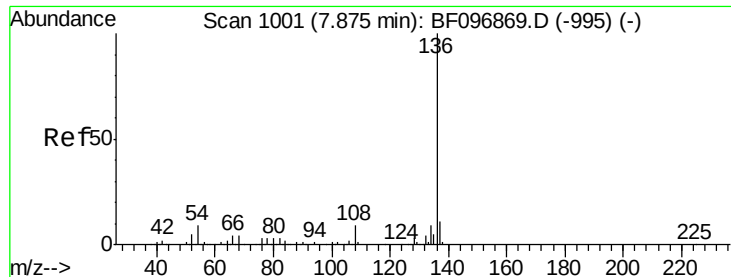
Tgt Ion:	70	Resp:	181134
Ion	Ratio	Lower	Upper
70	100		
42	81.7	47.2	70.8#
101	8.5	7.2	10.8
130	18.8	15.9	23.9



#20
3+4-Methylphenols
Concen: 33.88 ng
RT: 6.99 min Scan# 851
Delta R.T. -0.04 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

Tgt Ion:	107	Resp:	276503
Ion	Ratio	Lower	Upper
107	100		
108	91.3	71.0	111.0
77	31.7	90.5	130.5#
79	28.3	8.4	48.4

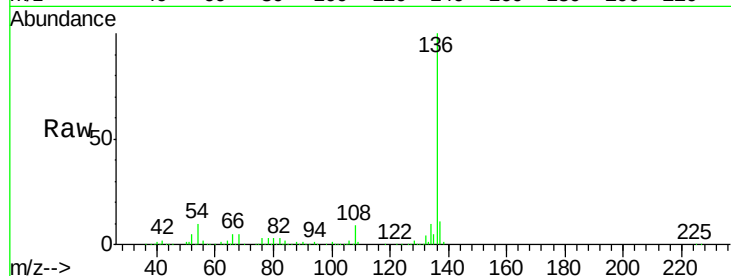




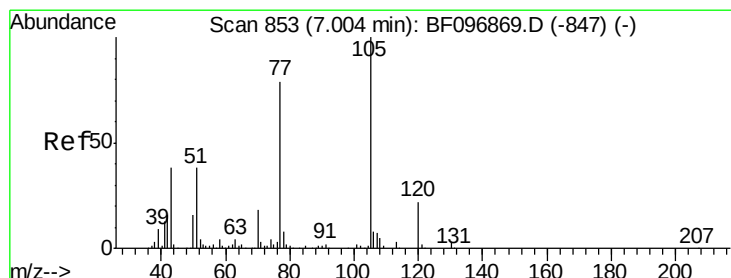
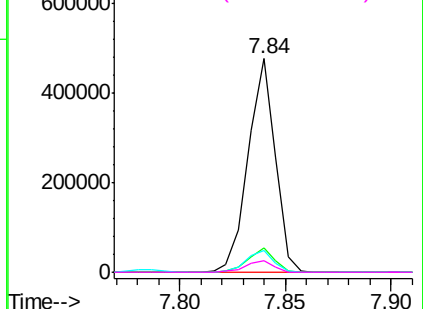
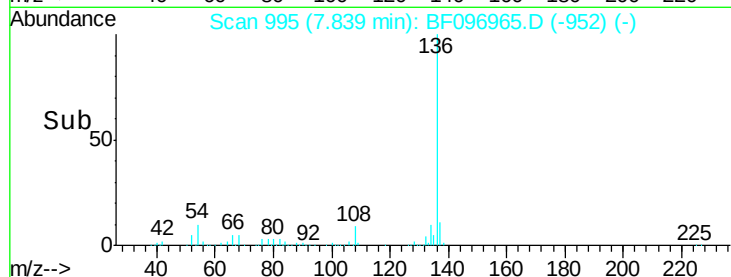
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 995
Delta R.T. -0.05 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

Instrument :
BNA_F
ClientSampleId :
PB100832BS

Tgt Ion:	136	Resp:	424773
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.2	4.9	7.3#
68	5.3	4.1	6.1

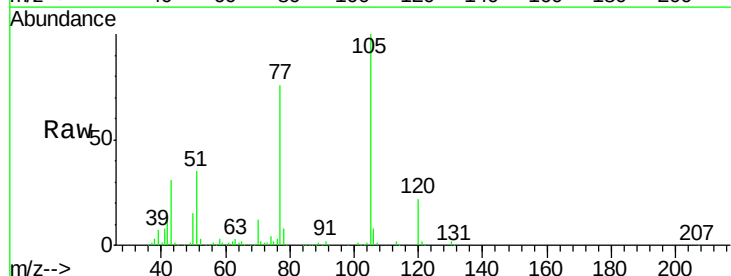


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

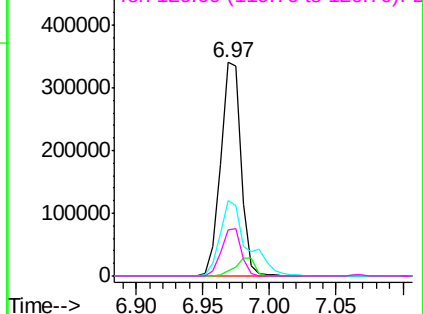
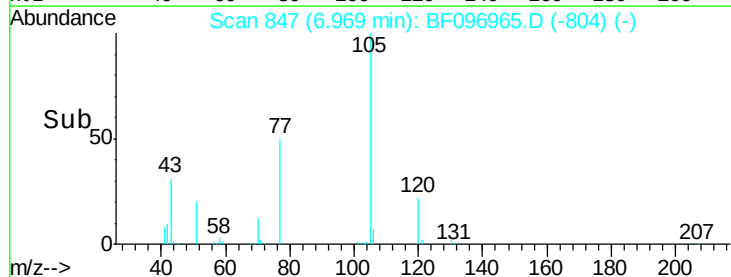


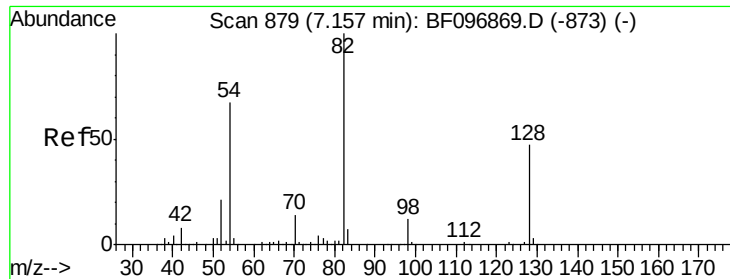
#22
Acetophenone
Concen: 38.85 ng
RT: 6.97 min Scan# 847
Delta R.T. -0.05 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

Tgt Ion:	105	Resp:	368880
Ion	Ratio	Lower	Upper
105	100		
71	2.1	2.8	4.2#
51	35.2	30.7	46.1
120	21.6	17.4	26.0



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

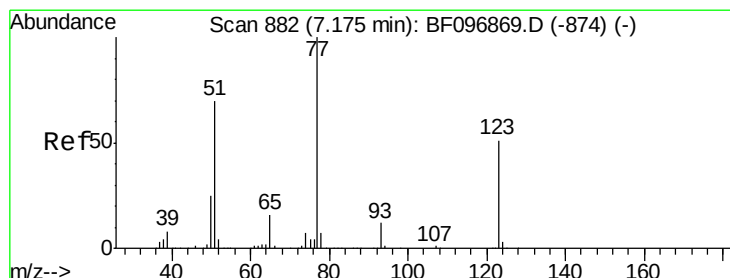
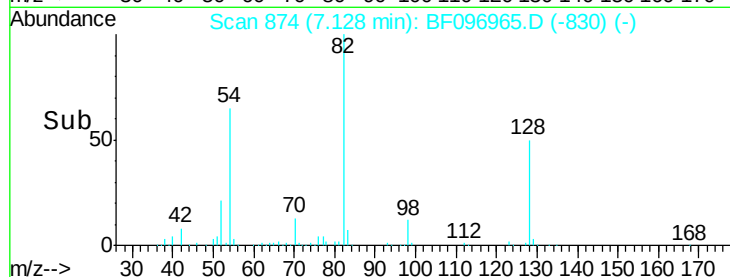
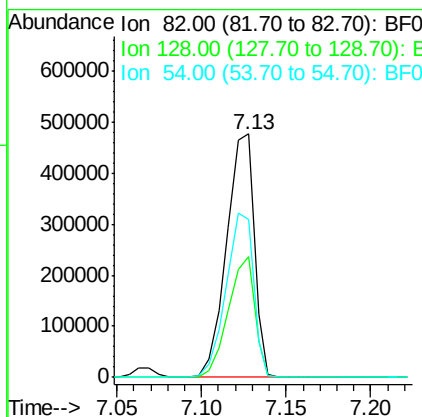
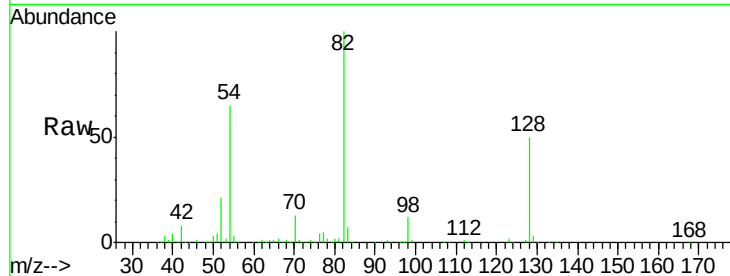




#23
 Nitrobenzene-d5
 Concen: 79.16 ng
 RT: 7.13 min Scan# 874
 Delta R.T. -0.04 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

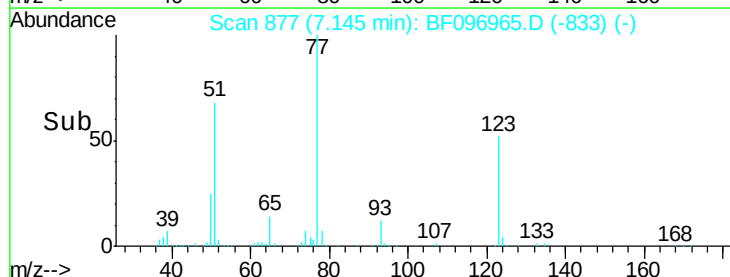
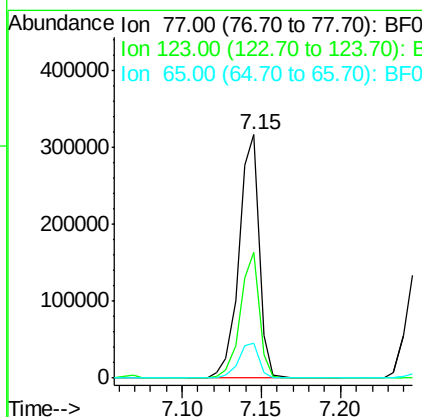
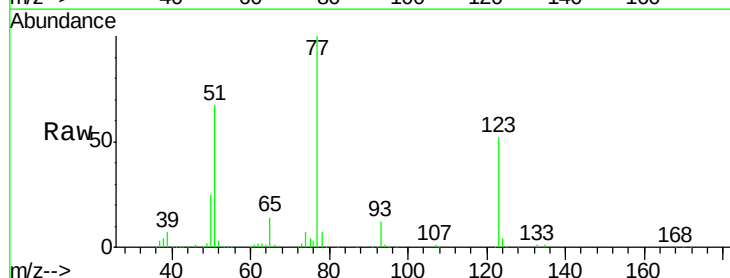
Instrument :
 BNA_F
 ClientSampleId :
 PB100832BS

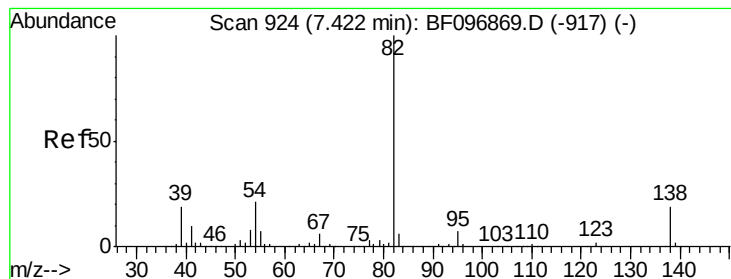
Tgt Ion: 82 Resp: 542858
 Ion Ratio Lower Upper
 82 100
 128 49.6 34.0 51.0
 54 65.0 42.2 63.2#



#24
 Nitrobenzene
 Concen: 39.33 ng
 RT: 7.15 min Scan# 877
 Delta R.T. -0.04 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

Tgt Ion: 77 Resp: 278967
 Ion Ratio Lower Upper
 77 100
 123 51.7 35.8 53.8
 65 14.2 10.6 15.8





#25

Isophorone

Concen: 38.61 ng

RT: 7.39 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

Instrument :

BNA_F

ClientSampleId :

PB100832BS

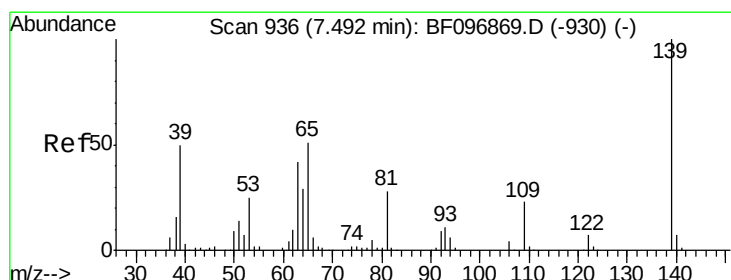
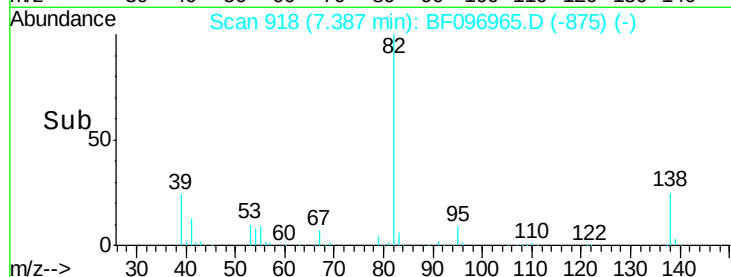
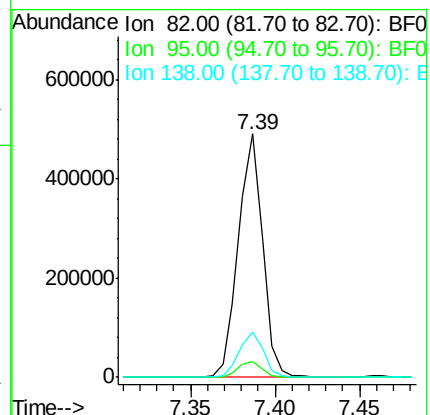
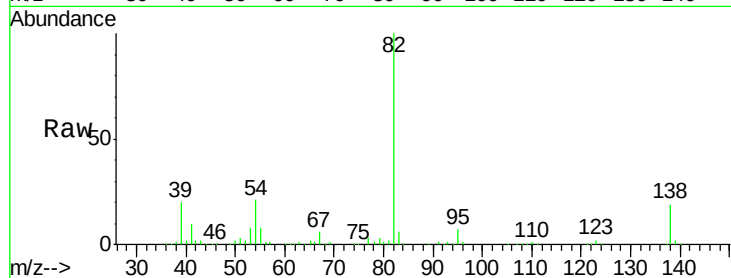
Tgt Ion: 82 Resp: 492564

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 18.8 13.1 19.7



#26

2-Nitrophenol

Concen: 37.68 ng

RT: 7.46 min Scan# 931

Delta R.T. -0.04 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

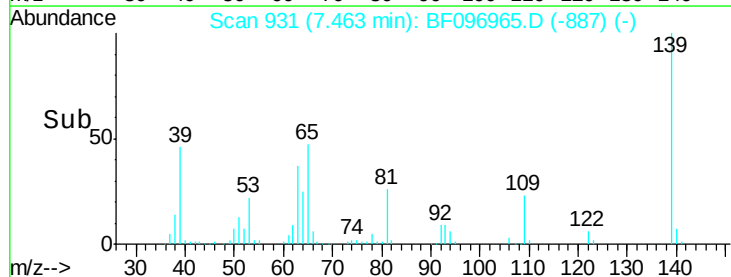
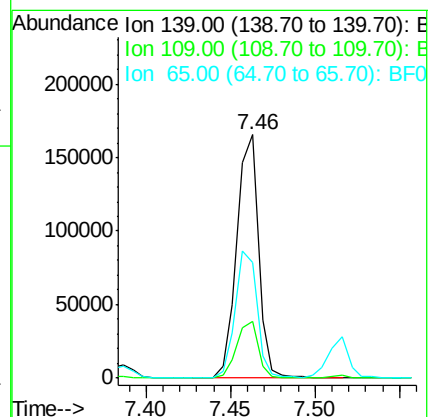
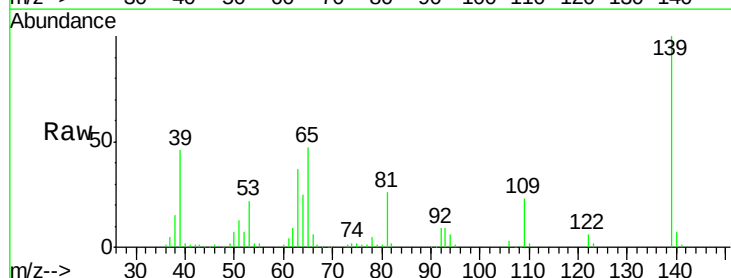
Tgt Ion: 139 Resp: 148616

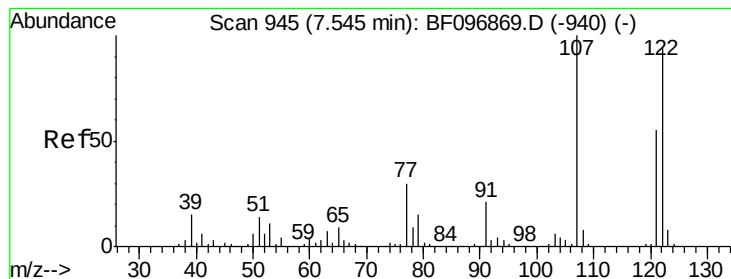
Ion Ratio Lower Upper

139 100

109 23.1 21.0 31.6

65 47.3 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 37.46 ng

RT: 7.52 min Scan# 940

Delta R.T. -0.04 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

Instrument :

BNA_F

ClientSampleId :

PB100832BS

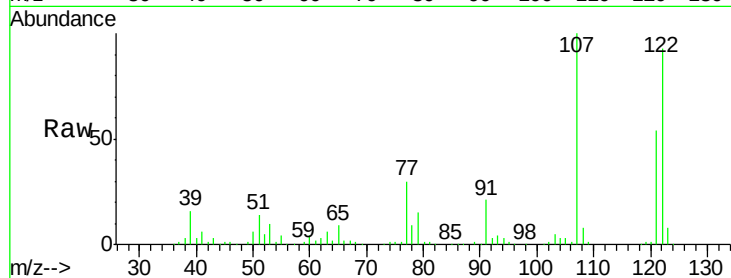
Tgt Ion:122 Resp: 243046

Ion Ratio Lower Upper

122 100

107 107.8 89.2 133.8

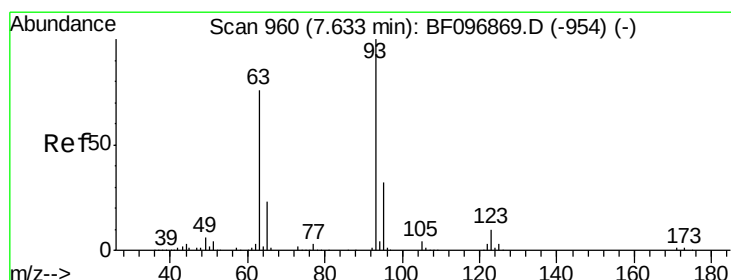
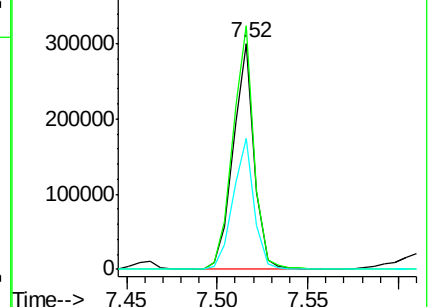
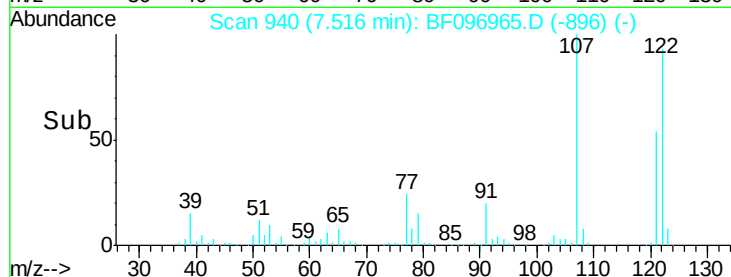
121 58.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.46 ng

RT: 7.60 min Scan# 954

Delta R.T. -0.05 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

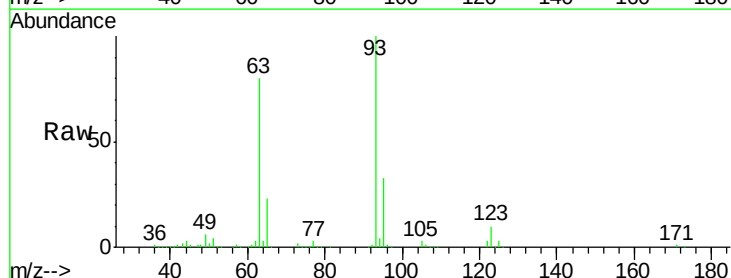
Tgt Ion: 93 Resp: 340123

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

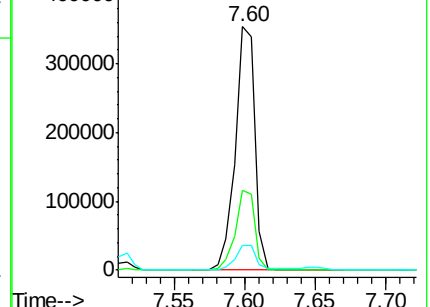
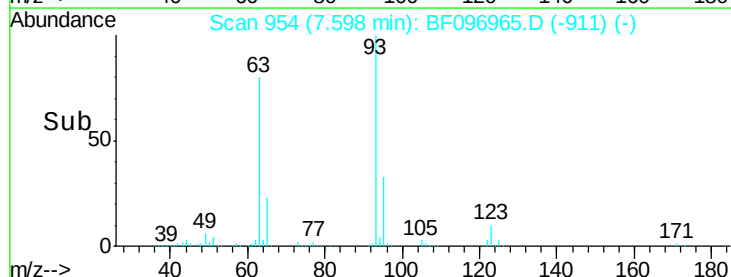
123 10.2 9.0 13.4

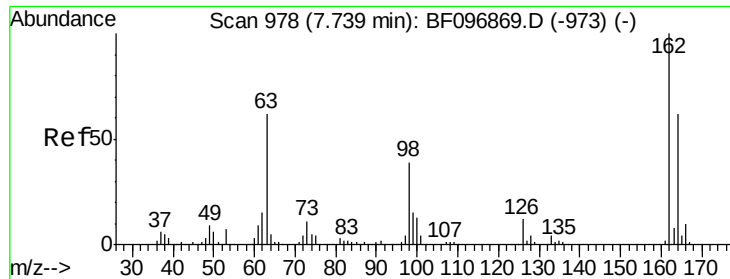


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

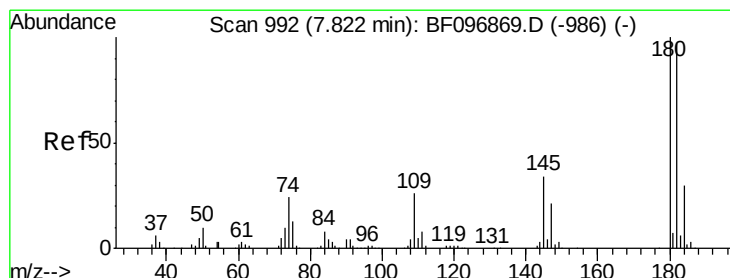
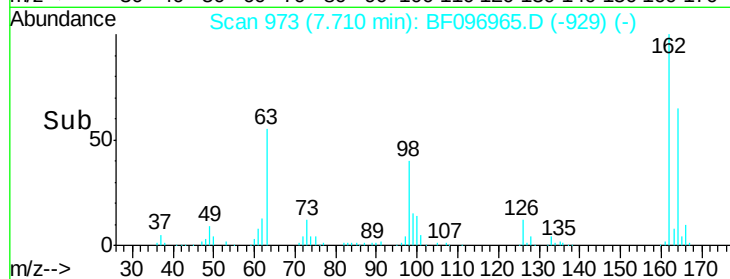
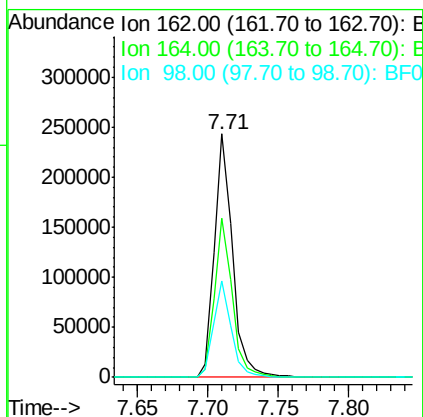
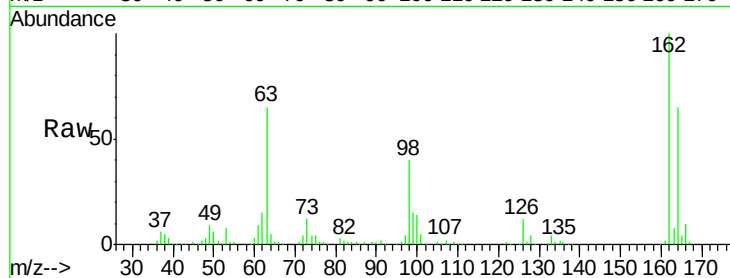




#29
2,4-Dichlorophenol
Concen: 37.26 ng
RT: 7.71 min Scan# 973
Delta R.T. -0.04 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

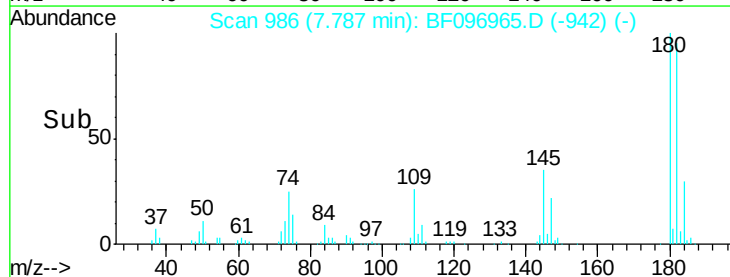
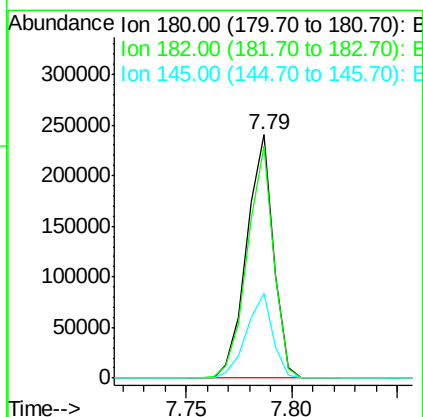
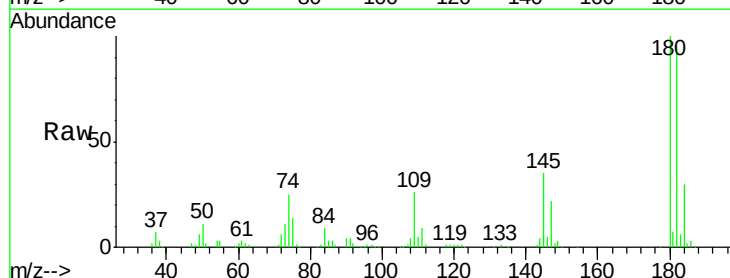
Instrument :
BNA_F
ClientSampleId :
PB100832BS

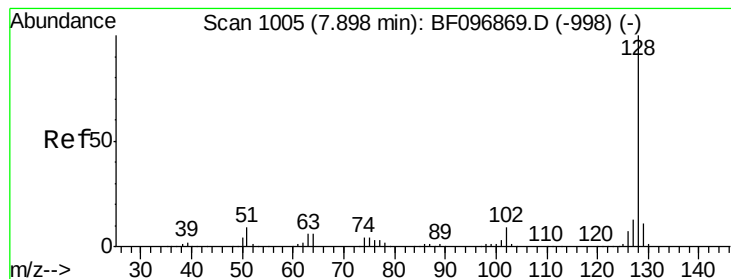
Tgt Ion:162 Resp: 218798
Ion Ratio Lower Upper
162 100
164 65.4 44.6 84.6
98 39.5 14.8 54.8



#30
1,2,4-Trichlorobenzene
Concen: 37.94 ng
RT: 7.79 min Scan# 986
Delta R.T. -0.04 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

Tgt Ion:180 Resp: 211856
Ion Ratio Lower Upper
180 100
182 95.2 75.8 113.6
145 34.7 25.3 37.9





#31

Naphthalene

Concen: 38.18 ng

RT: 7.86 min Scan# 999

Delta R.T. -0.05 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

Instrument :

BNA_F

ClientSampleId :

PB100832BS

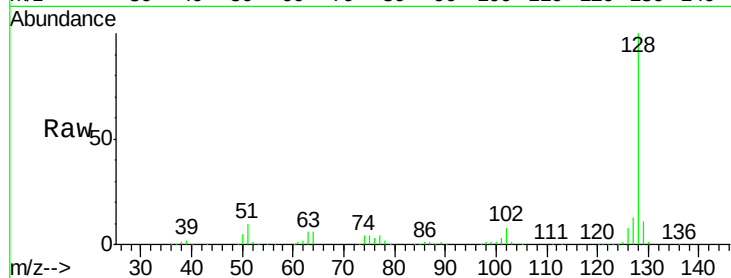
Tgt Ion:128 Resp: 768236

Ion Ratio Lower Upper

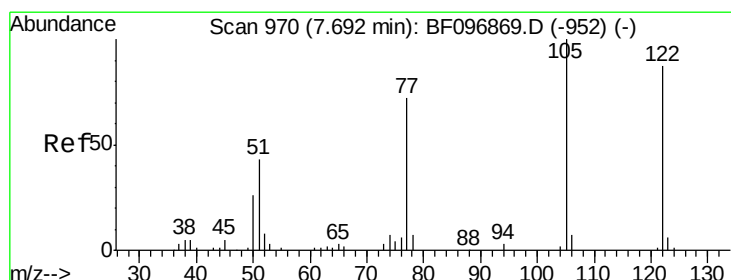
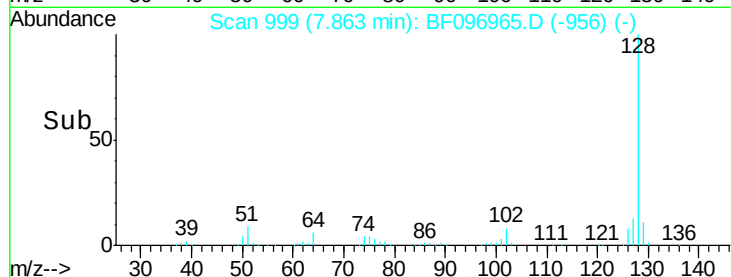
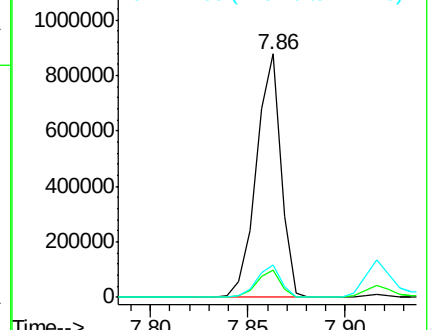
128 100

129 11.0 9.0 13.6

127 13.1 10.8 16.2



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



#32

Benzoic acid

Concen: 30.00 ng

RT: 7.65 min Scan# 963

Delta R.T. -0.06 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

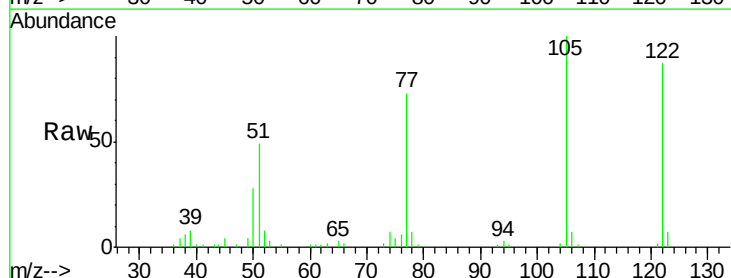
Tgt Ion:122 Resp: 124394

Ion Ratio Lower Upper

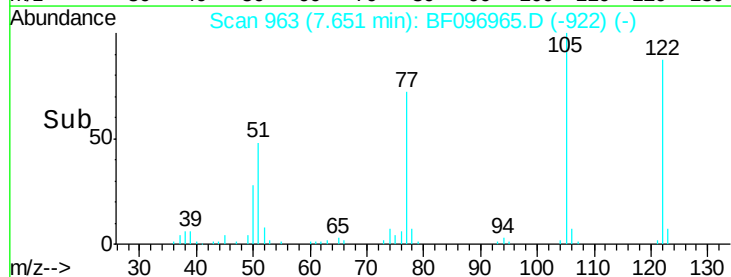
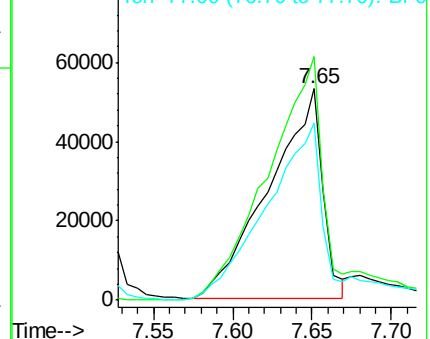
122 100

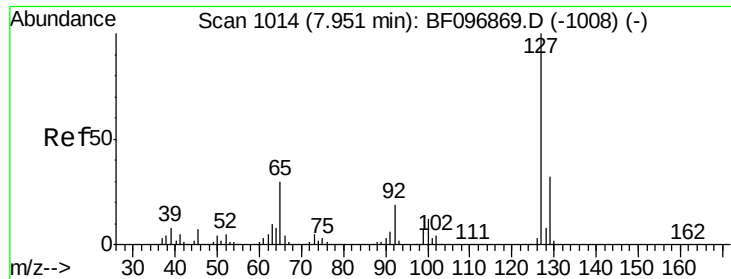
105 115.3 103.3 143.3

77 84.0 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

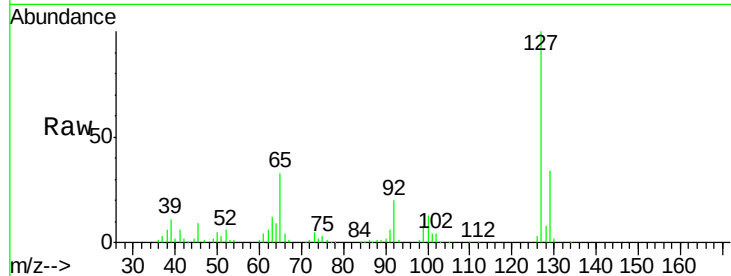




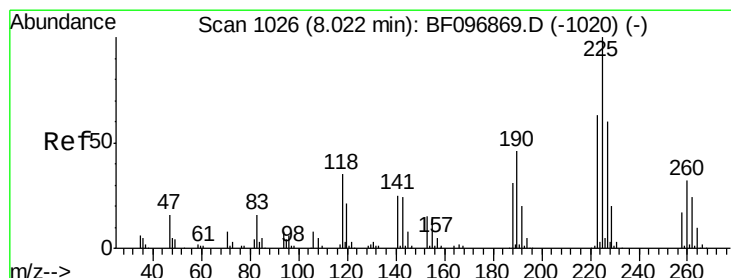
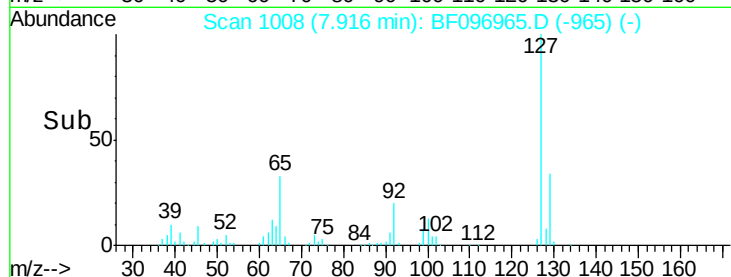
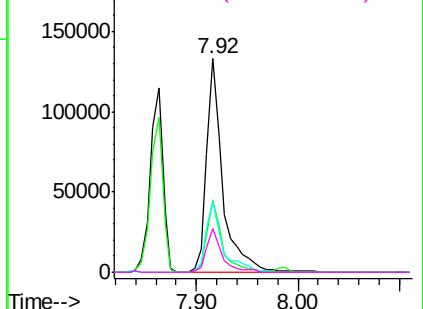
#33
4-Chloroaniline
Concen: 18.37 ng
RT: 7.92 min Scan# 1008
Delta R.T. -0.05 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

Instrument :
BNA_F
ClientSampleId :
PB100832BS

Tgt Ion:	127	Resp:	146443
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.2	39.2
65	33.1	27.8	41.8
92	20.2	16.8	25.2

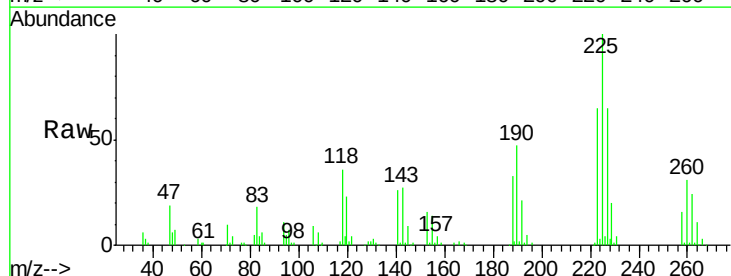


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

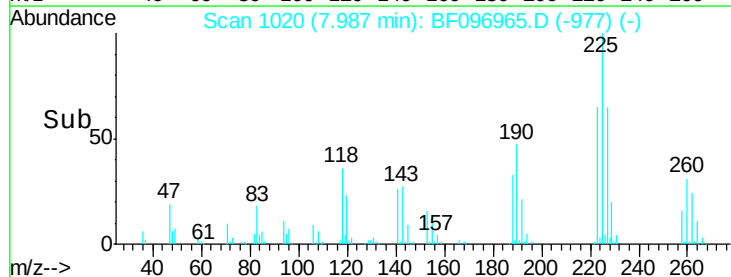
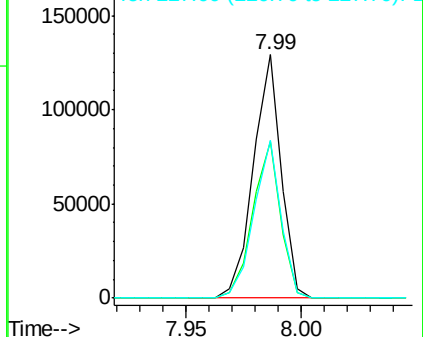


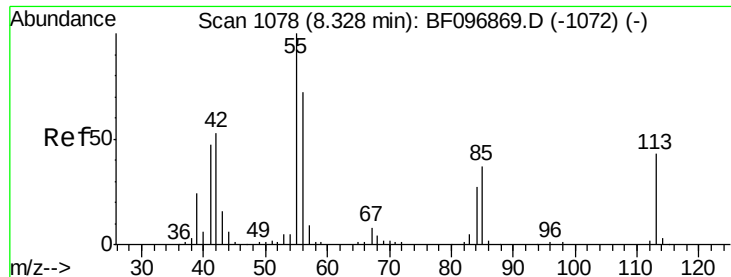
#34
Hexachlorobutadiene
Concen: 36.39 ng
RT: 7.99 min Scan# 1020
Delta R.T. -0.05 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

Tgt Ion:	225	Resp:	108478
Ion	Ratio	Lower	Upper
225	100		
223	64.5	48.8	73.2
227	64.9	51.1	76.7



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

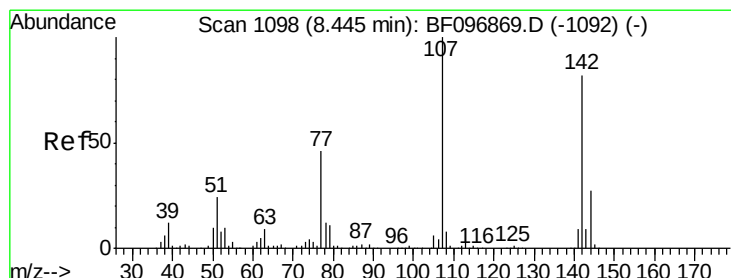
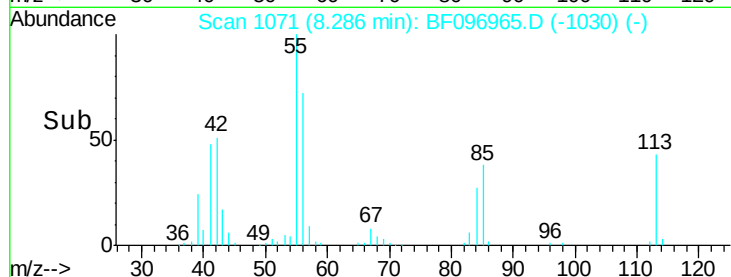
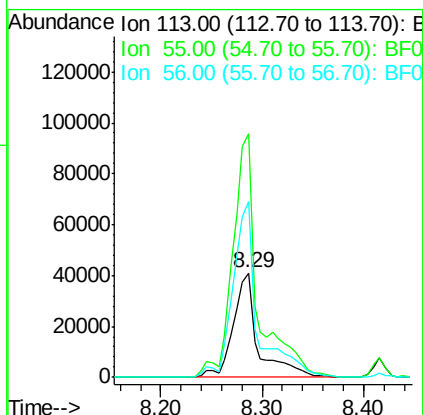
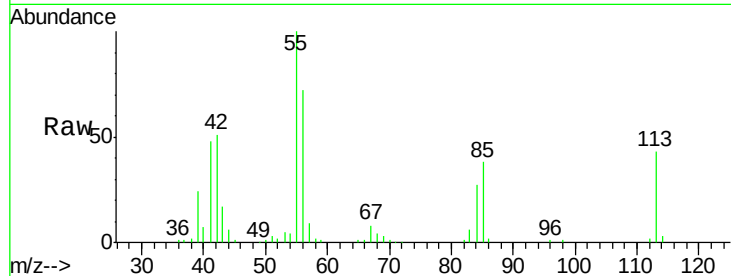




#35
 Caprolactam
 Concen: 36.96 ng
 RT: 8.29 min Scan# 1071
 Delta R.T. -0.06 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

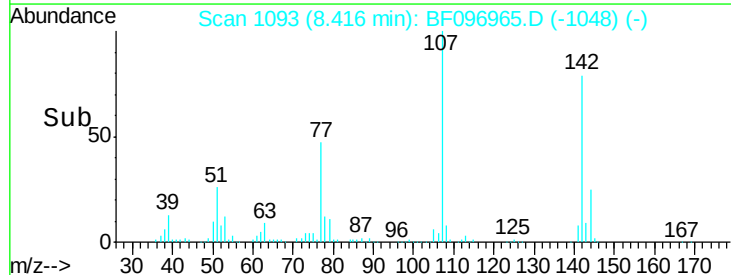
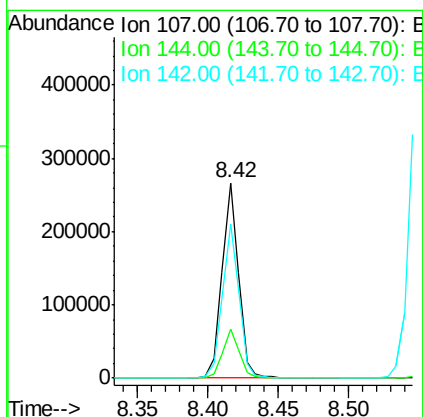
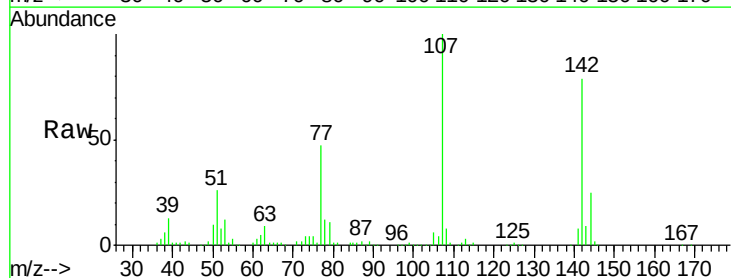
Instrument :
 BNA_F
 ClientSampleId :
 PB100832BS

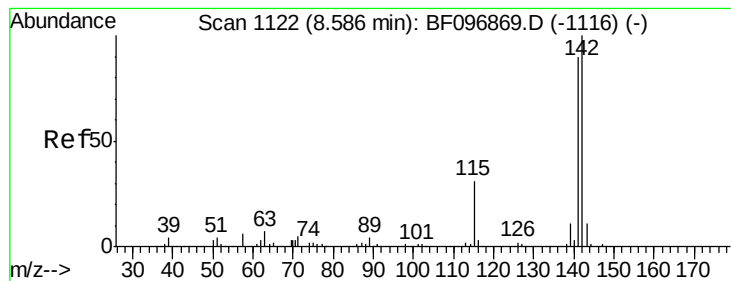
Tgt Ion:113 Resp: 69553
 Ion Ratio Lower Upper
 113 100
 55 233.6 150.2 190.2#
 56 169.2 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 34.66 ng
 RT: 8.42 min Scan# 1093
 Delta R.T. -0.04 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

Tgt Ion:107 Resp: 218846
 Ion Ratio Lower Upper
 107 100
 144 25.0 24.2 36.4
 142 78.7 73.4 110.0





#37

2-Methylnaphthalene

Concen: 38.65 ng

RT: 8.55 min Scan# 1116

Delta R.T. -0.05 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

Instrument :

BNA_F

ClientSampleId :

PB100832BS

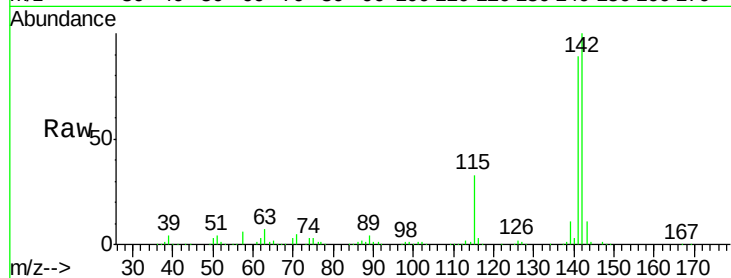
Tgt Ion:142 Resp: 495821

Ion Ratio Lower Upper

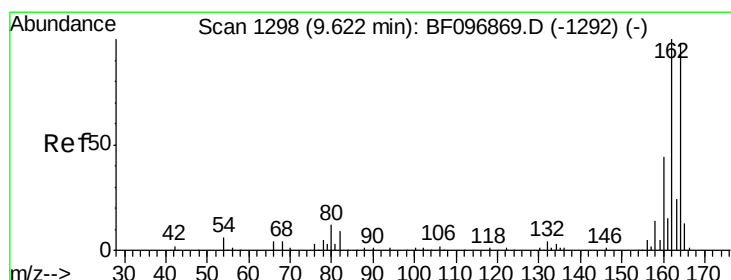
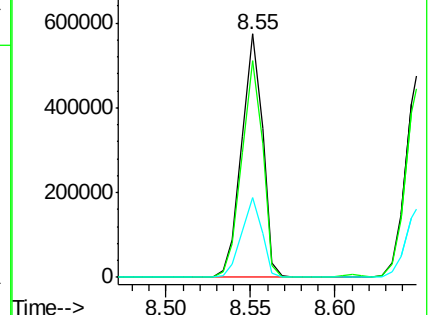
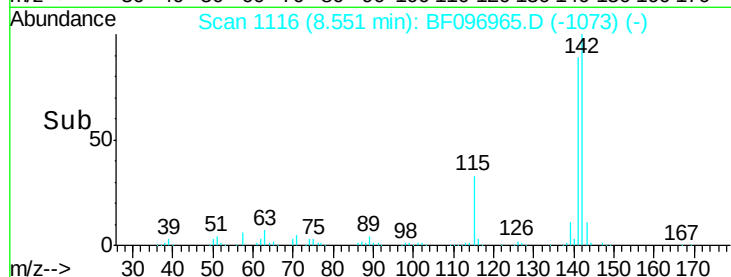
142 100

141 89.2 71.3 106.9

115 32.9 27.1 40.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 1292

Delta R.T. -0.05 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

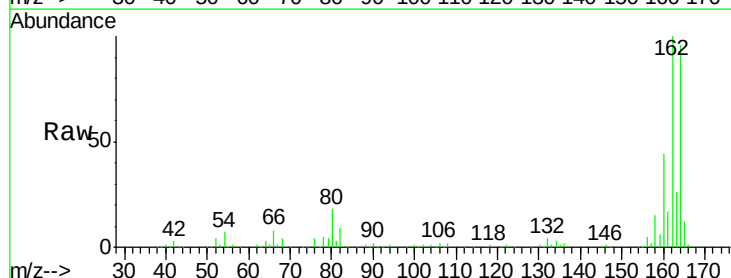
Tgt Ion:164 Resp: 161968

Ion Ratio Lower Upper

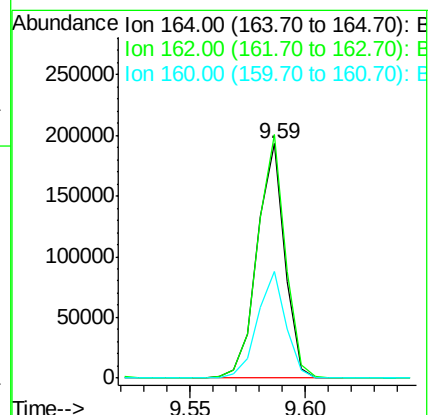
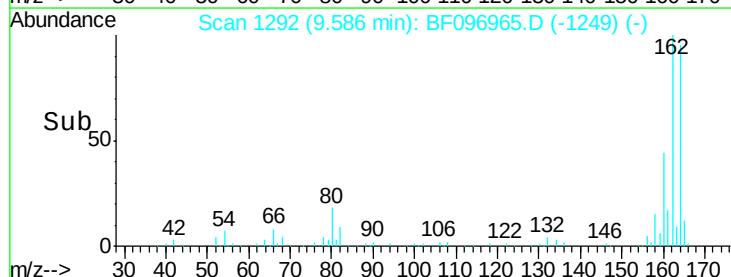
164 100

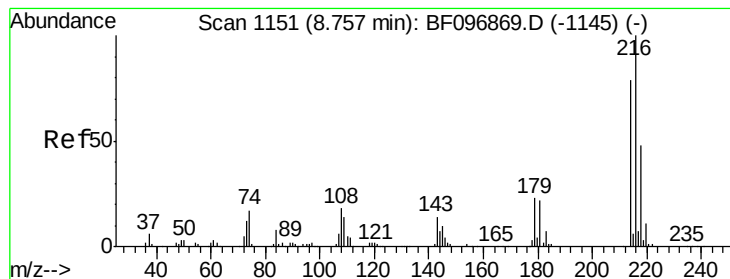
162 103.8 82.6 123.8

160 45.7 36.2 54.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.50 ng

RT: 8.72 min Scan# 1145

Delta R.T. -0.05 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

Instrument :

BNA_F

ClientSampleId :

PB100832BS

Tgt Ion:216 Resp: 177343

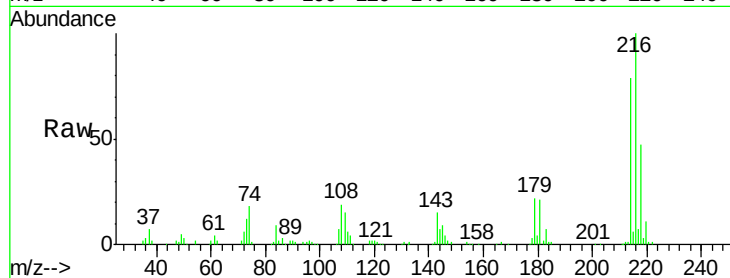
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.2

179 22.1 17.9 26.9

108 20.4 16.5 24.7

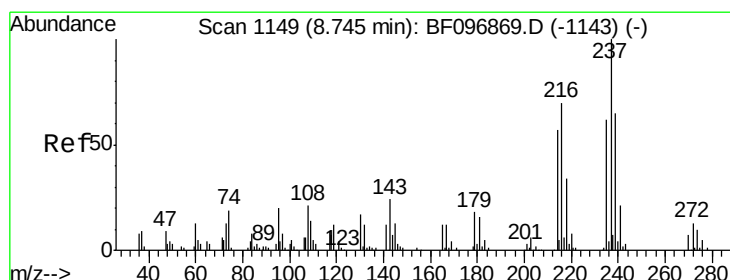
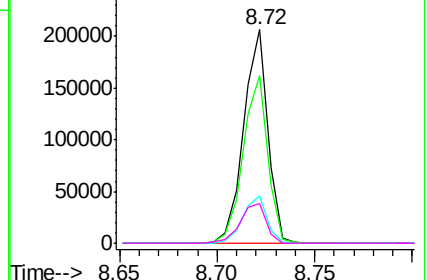
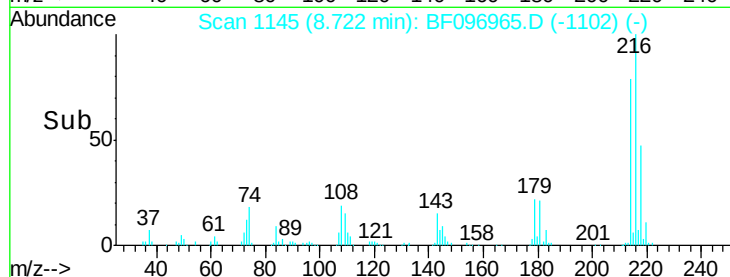


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 16.29 ng

RT: 8.70 min Scan# 1142

Delta R.T. -0.05 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

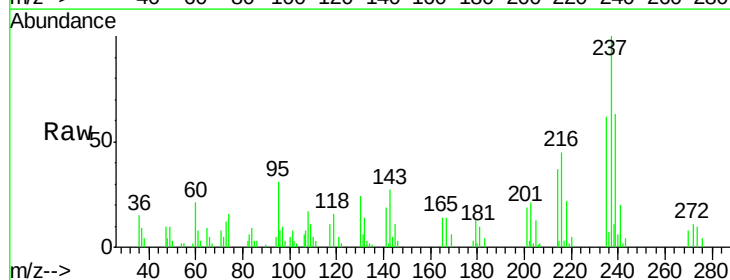
Tgt Ion:237 Resp: 19859

Ion Ratio Lower Upper

237 100

235 62.2 42.6 82.6

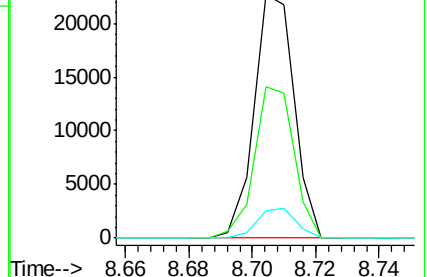
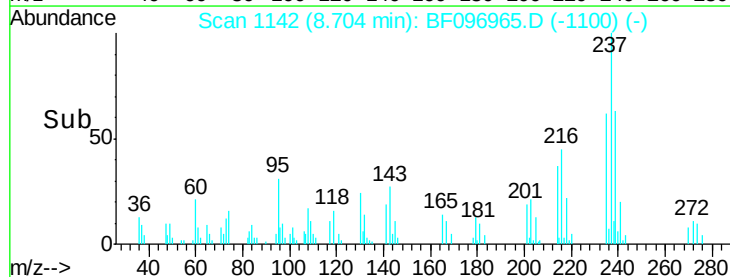
272 11.3 0.0 31.9

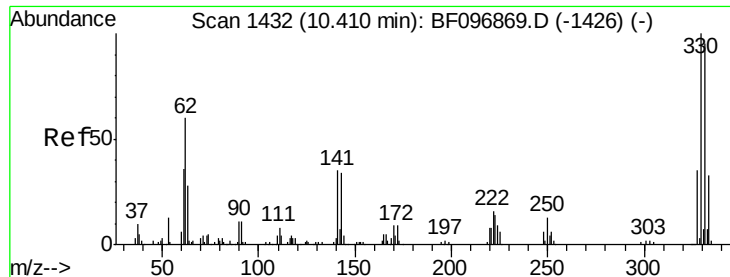


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

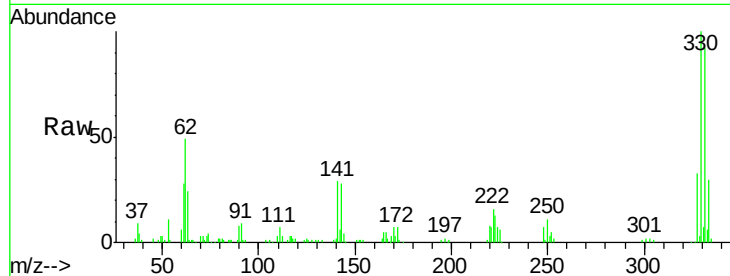




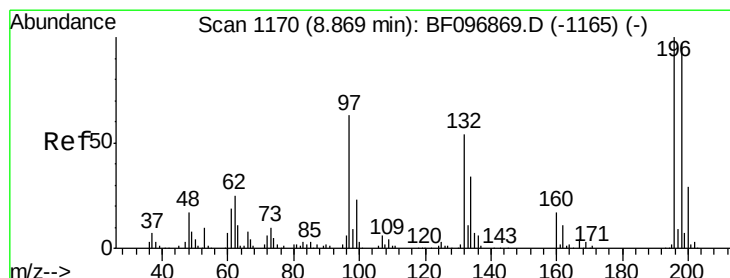
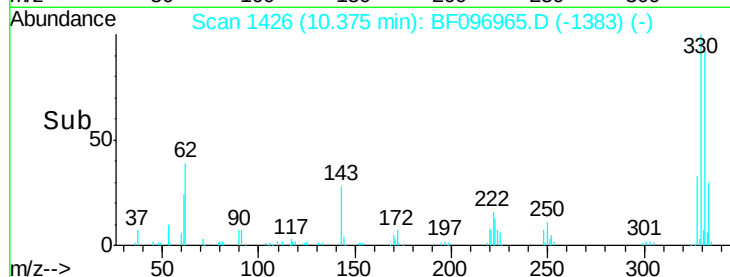
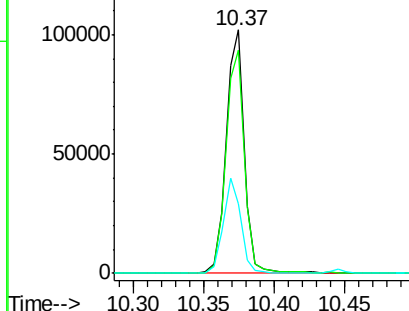
#41
 2,4,6-Tribromophenol
 Concen: 66.05 ng
 RT: 10.37 min Scan# 1426
 Delta R.T. -0.05 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

Instrument :
 BNA_F
 ClientSampleId :
 PB100832BS

Tgt Ion: 330 Resp: 91320
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.6 115.0
 141 37.8 31.4 47.2

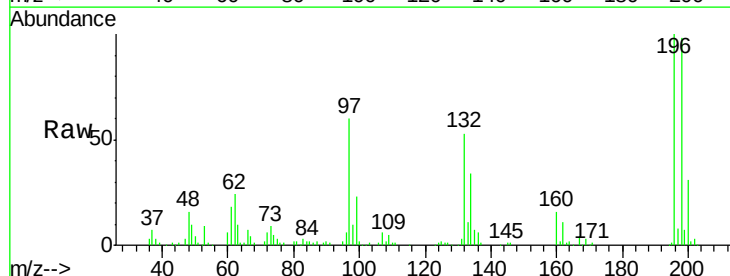


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

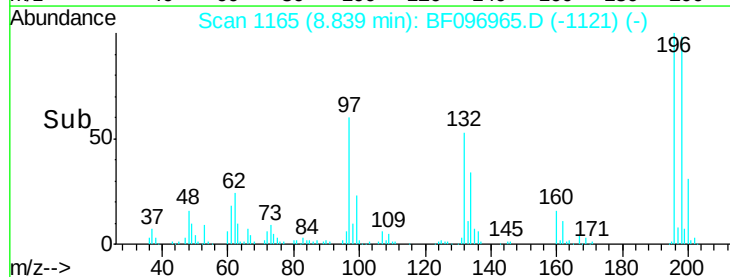
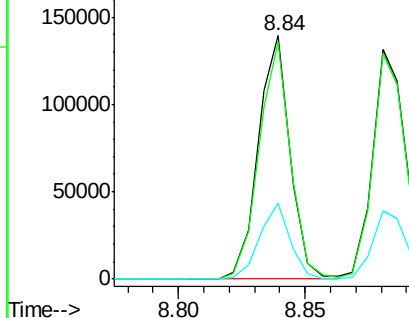


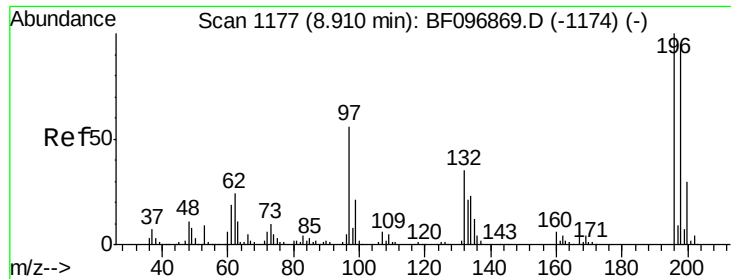
#42
 2,4,6-Trichlorophenol
 Concen: 37.81 ng
 RT: 8.84 min Scan# 1165
 Delta R.T. -0.04 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

Tgt Ion: 196 Resp: 122116
 Ion Ratio Lower Upper
 196 100
 198 97.6 74.2 111.4
 200 31.3 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

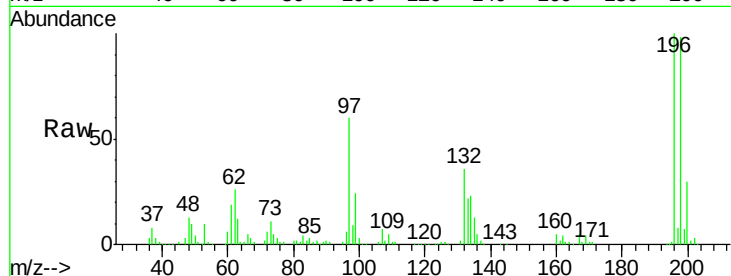




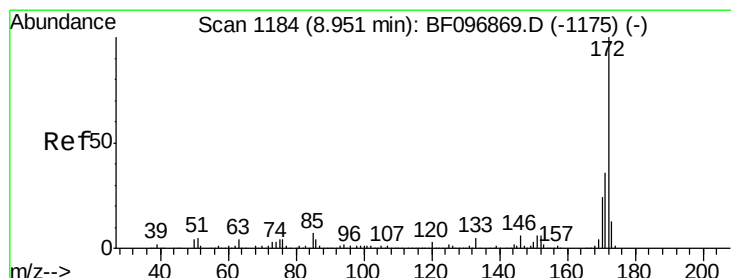
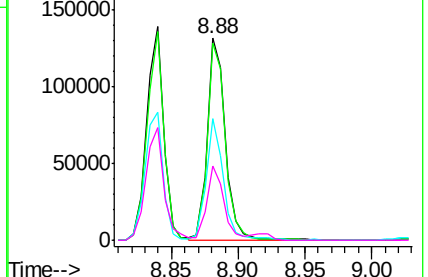
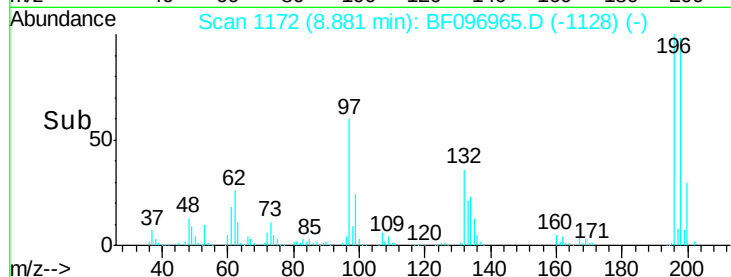
#43
 2,4,5-Trichlorophenol
 Concen: 38.38 ng
 RT: 8.88 min Scan# 1172
 Delta R.T. -0.04 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

Instrument :
 BNA_F
 ClientSampleId :
 PB100832BS

Tgt Ion:	196	Resp:	125021
Ion	Ratio	Lower	Upper
196	100		
198	97.9	75.7	113.5
97	60.2	47.7	71.5
132	36.5	28.0	42.0

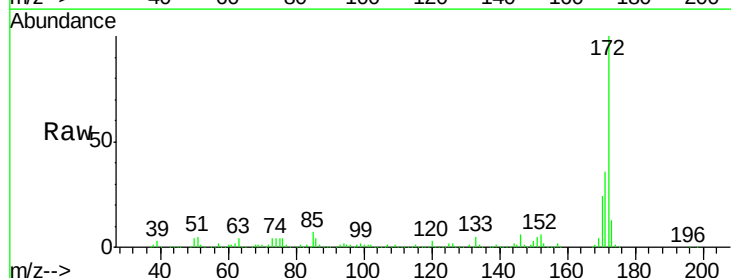


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

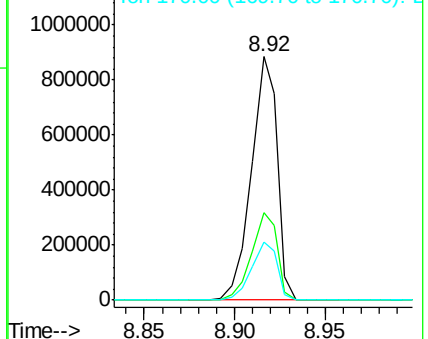
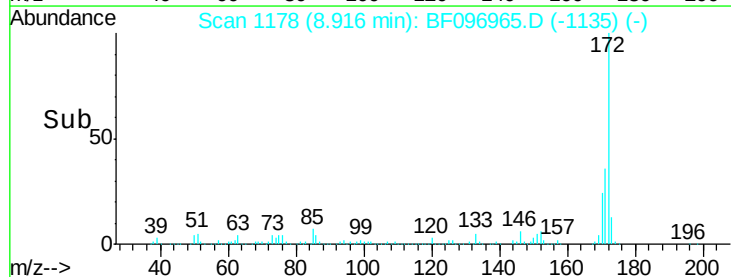


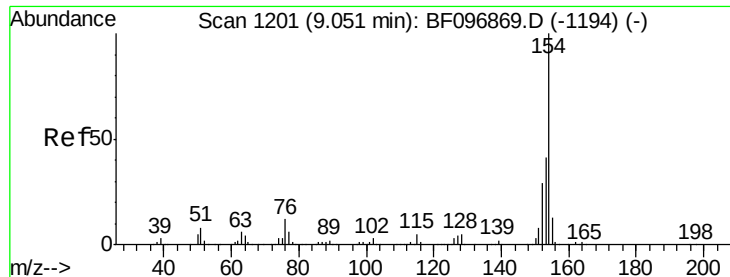
#44
 2-Fluorobiphenyl
 Concen: 85.28 ng
 RT: 8.92 min Scan# 1178
 Delta R.T. -0.05 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

Tgt Ion:	172	Resp:	874282
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.9	19.8	29.8



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

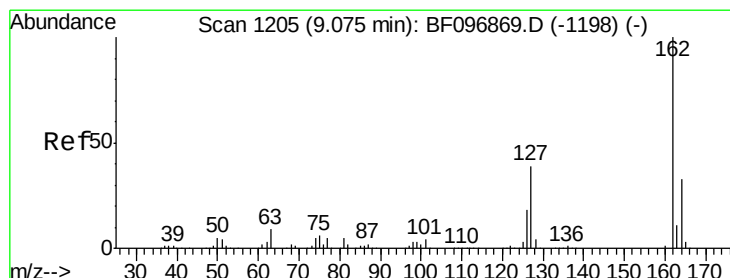
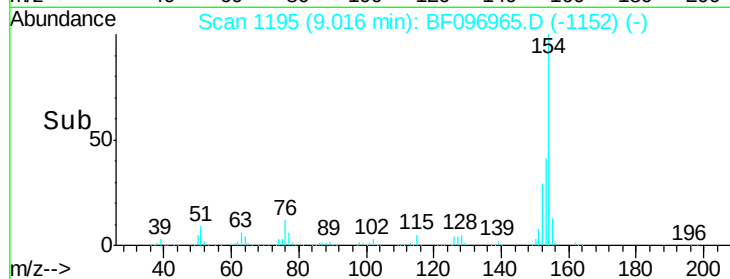
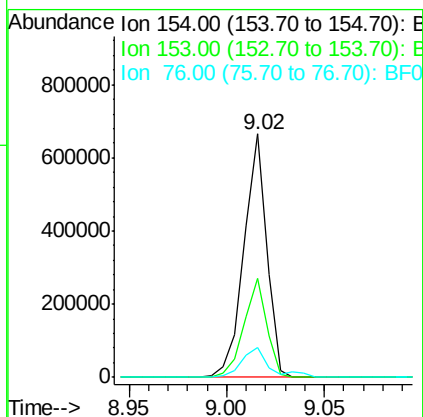
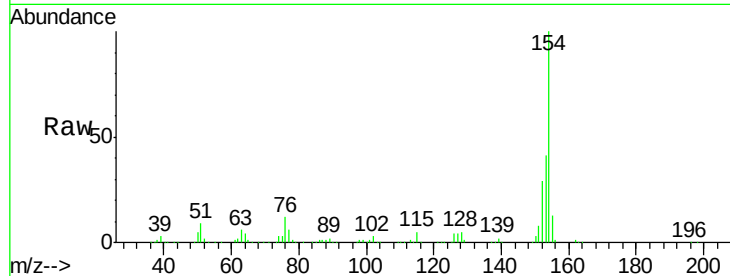




#45
 1,1'-Biphenyl
 Concen: 38.91 ng
 RT: 9.02 min Scan# 1195
 Delta R.T. -0.05 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

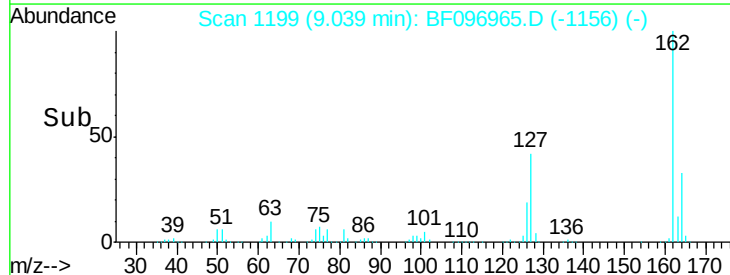
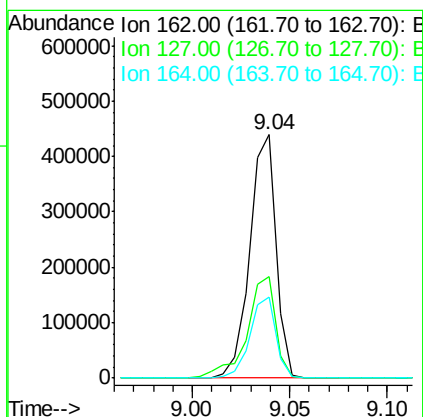
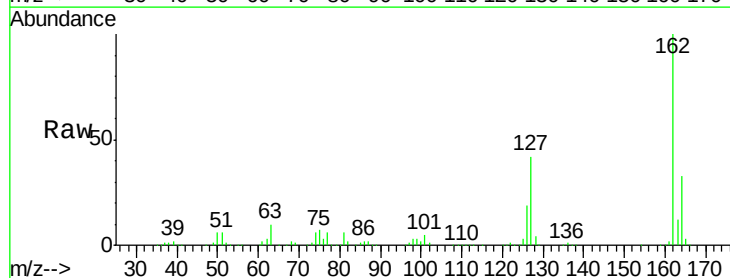
Instrument :
 BNA_F
 ClientSampleId :
 PB100832BS

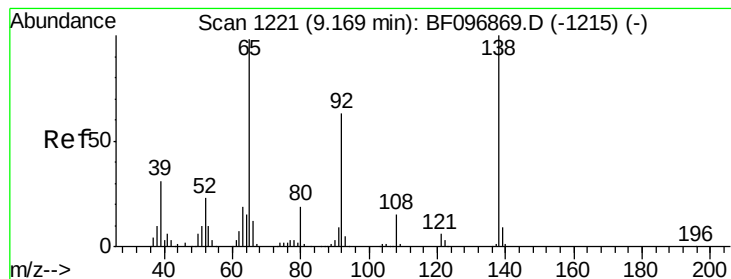
Tgt Ion:154 Resp: 540482
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.2 61.2
 76 12.5 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 39.95 ng
 RT: 9.04 min Scan# 1199
 Delta R.T. -0.05 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

Tgt Ion:162 Resp: 408662
 Ion Ratio Lower Upper
 162 100
 127 42.0 28.3 42.5
 164 33.4 27.0 40.4





#47

2-Nitroaniline

Concen: 41.88 ng

RT: 9.14 min Scan# 1216

Delta R.T. -0.04 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

Instrument :

BNA_F

ClientSampleId :

PB100832BS

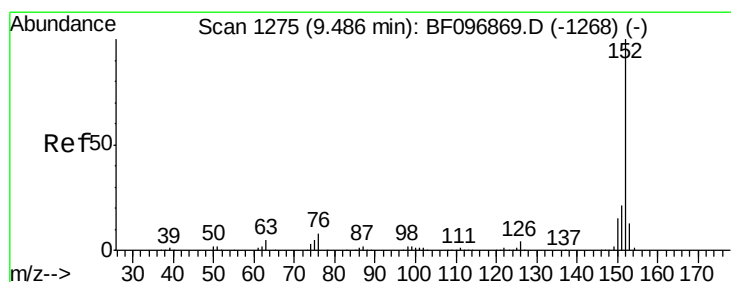
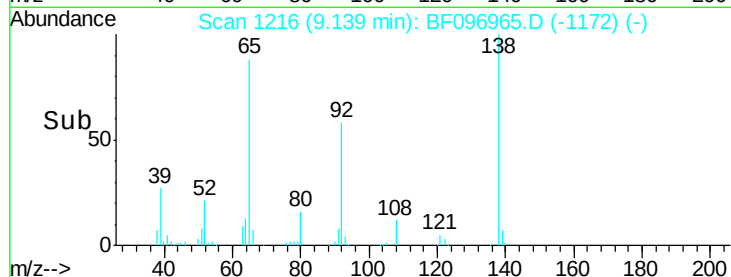
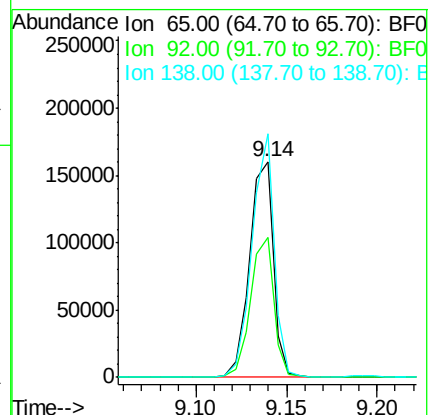
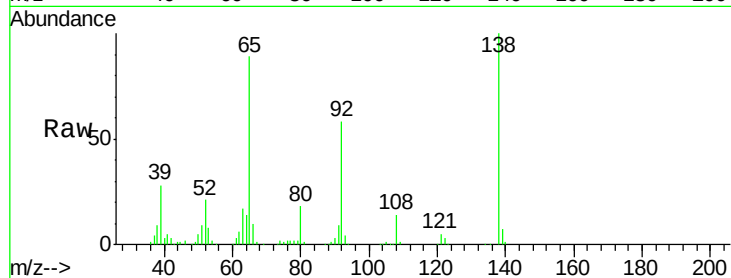
Tgt Ion: 65 Resp: 147255

Ion Ratio Lower Upper

65 100

92 64.9 53.9 80.9

138 112.7 78.8 118.2



#48

Acenaphthylene

Concen: 38.11 ng

RT: 9.45 min Scan# 1268

Delta R.T. -0.05 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

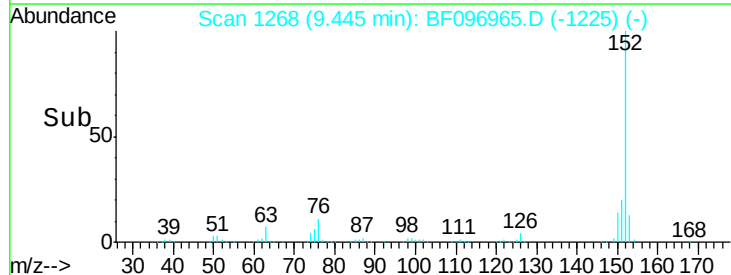
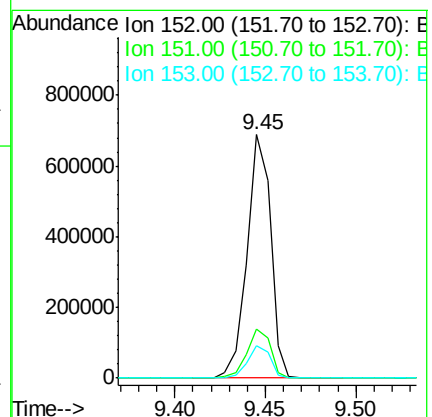
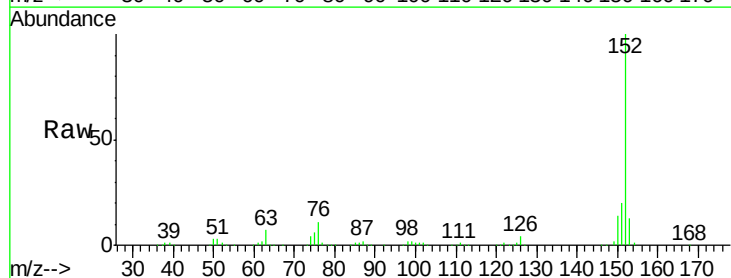
Tgt Ion: 152 Resp: 621045

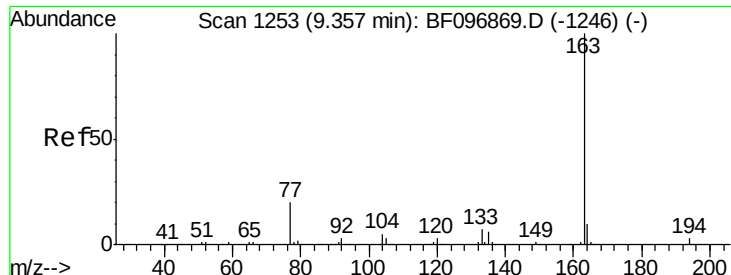
Ion Ratio Lower Upper

152 100

151 20.2 16.8 25.2

153 13.3 10.8 16.2

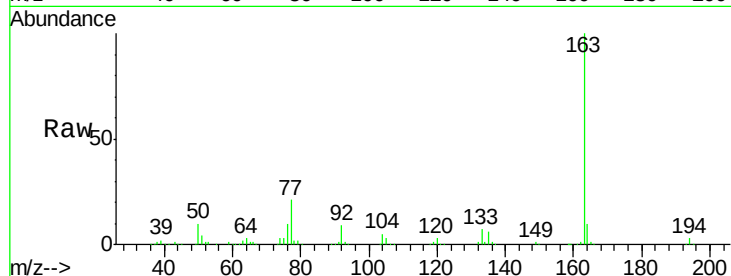




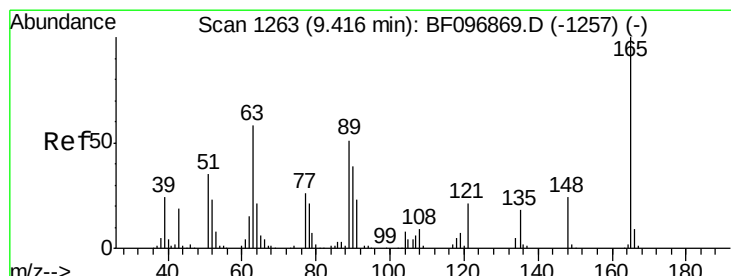
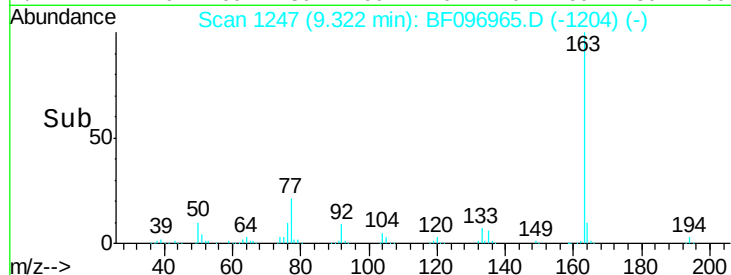
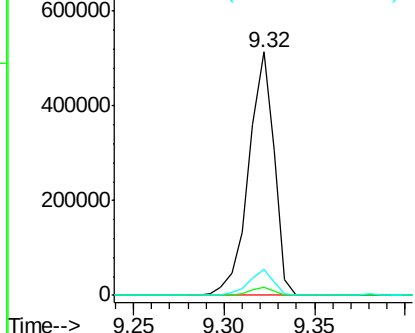
#49
 Dimethylphthalate
 Concen: 41.00 ng
 RT: 9.32 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

Instrument :
 BNA_F
 ClientSampleId :
 PB100832BS

Tgt Ion:163 Resp: 500079
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.5 8.4 12.6

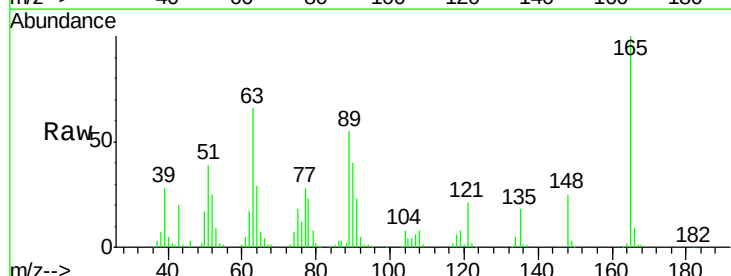


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

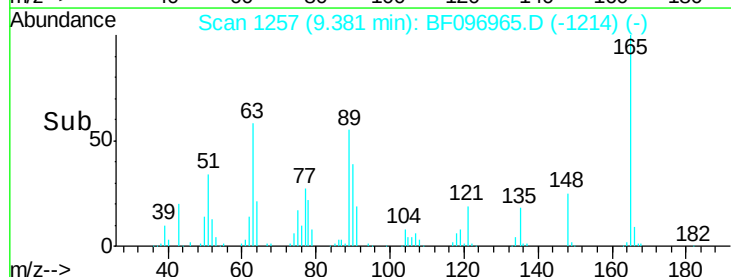
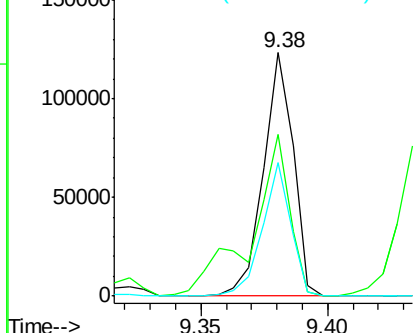


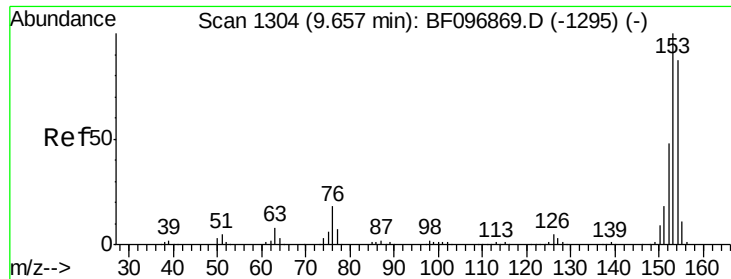
#50
 2,6-Dinitrotoluene
 Concen: 38.63 ng
 RT: 9.38 min Scan# 1257
 Delta R.T. -0.05 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

Tgt Ion:165 Resp: 102056
 Ion Ratio Lower Upper
 165 100
 63 66.2 34.3 51.5#
 89 54.8 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

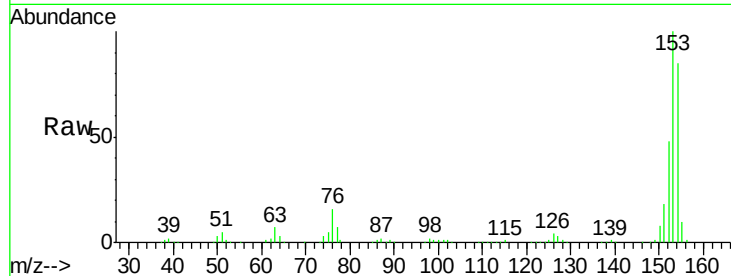




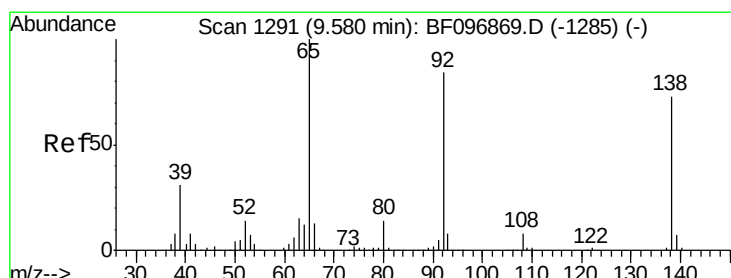
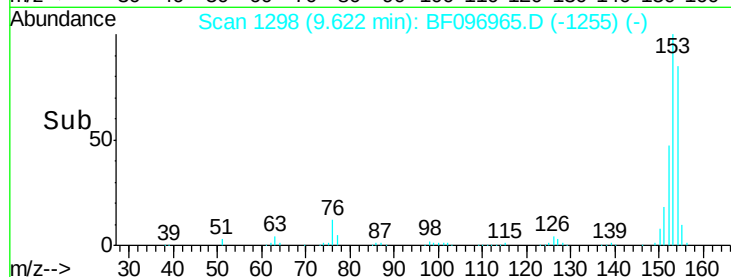
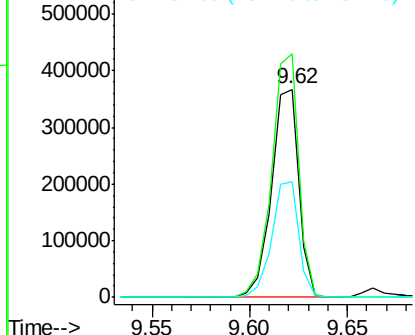
#51
Acenaphthene
Concen: 37.03 ng
RT: 9.62 min Scan# 1298
Delta R.T. -0.05 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

Instrument :
BNA_F
ClientSampleId :
PB100832BS

Tgt Ion:154 Resp: 356545
Ion Ratio Lower Upper
154 100
153 117.1 90.5 135.7
152 55.8 43.6 65.4

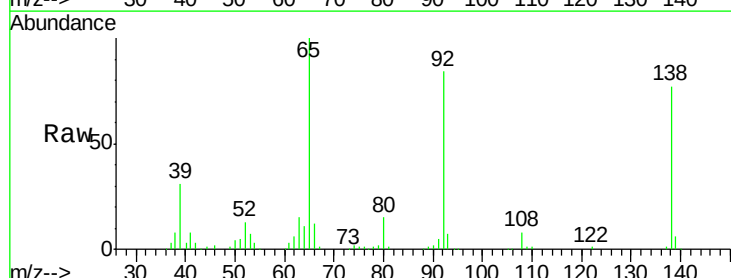


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

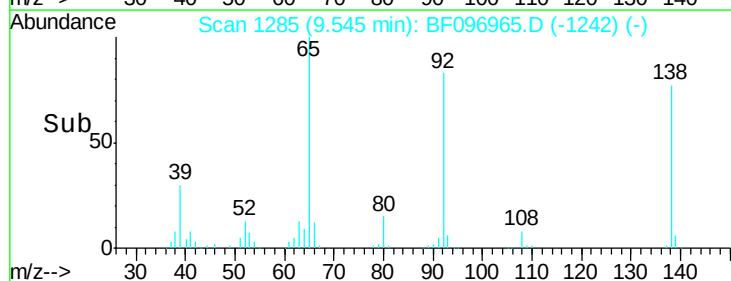
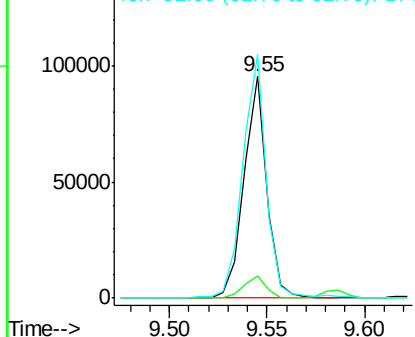


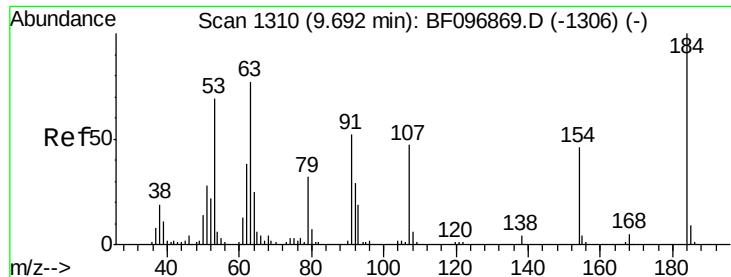
#52
3-Nitroaniline
Concen: 24.62 ng
RT: 9.55 min Scan# 1285
Delta R.T. -0.05 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

Tgt Ion:138 Resp: 77041
Ion Ratio Lower Upper
138 100
108 10.0 9.1 13.7
92 109.9 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

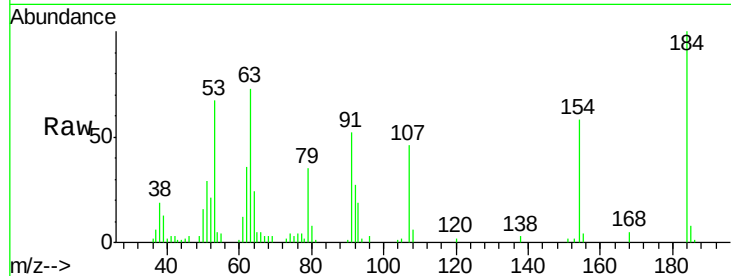




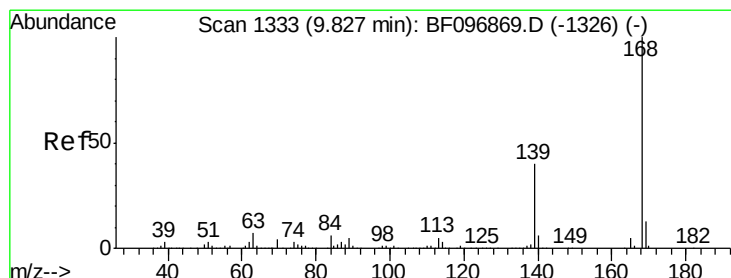
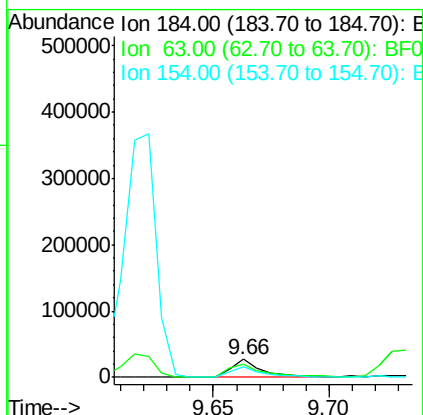
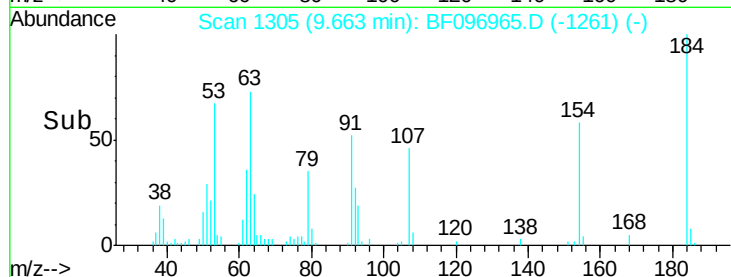
#53
2,4-Dinitrophenol
Concen: 25.13 ng
RT: 9.66 min Scan# 1305
Delta R.T. -0.04 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

Instrument :
BNA_F
ClientSampleId :
PB100832BS

Tgt Ion:184 Resp: 26261
Ion Ratio Lower Upper
184 100
63 72.5 62.7 94.1
154 58.1 81.1 121.7#

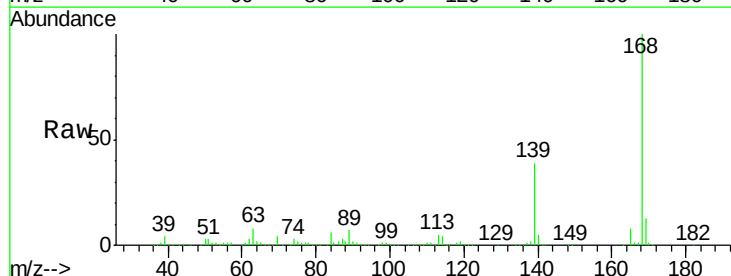


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

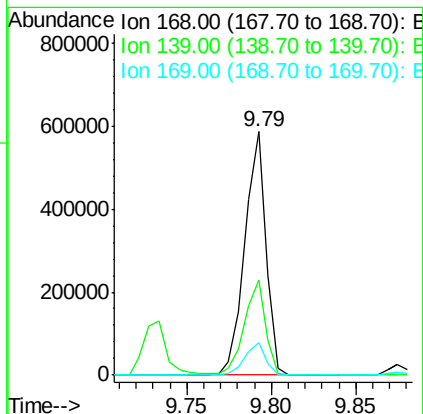
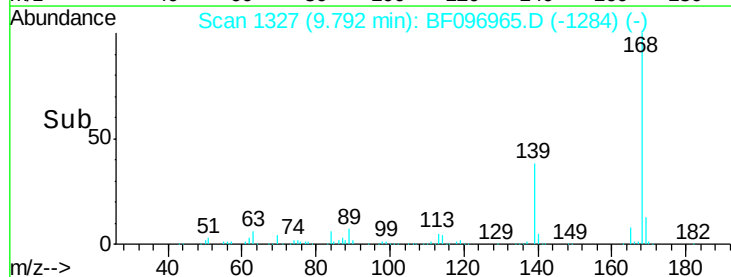


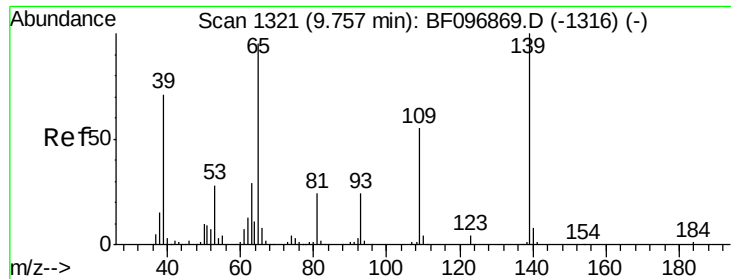
#54
Dibenzofuran
Concen: 38.18 ng
RT: 9.79 min Scan# 1327
Delta R.T. -0.05 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

Tgt Ion:168 Resp: 515090
Ion Ratio Lower Upper
168 100
139 39.0 30.6 45.8
169 13.1 10.8 16.2



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

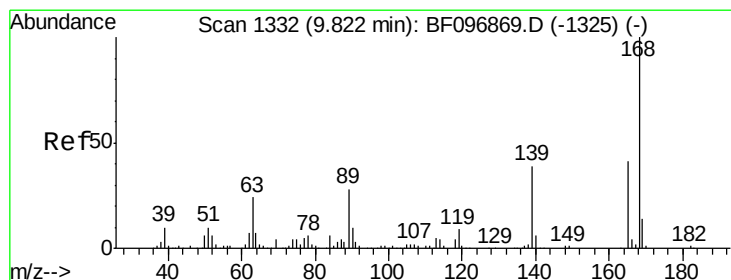
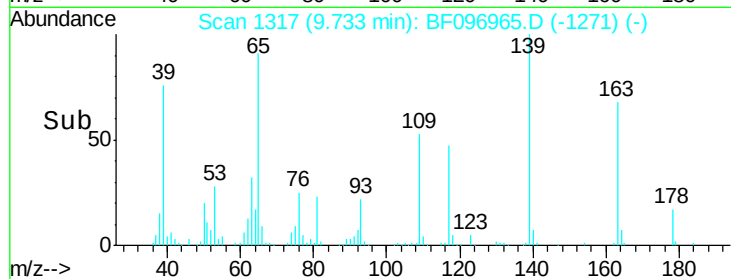
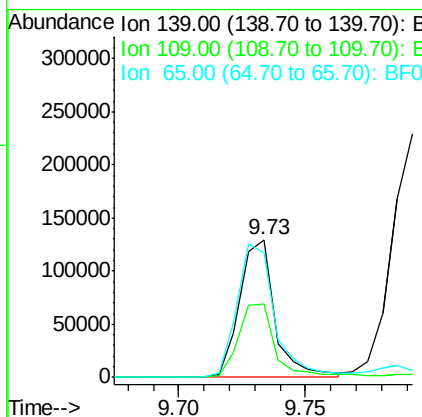
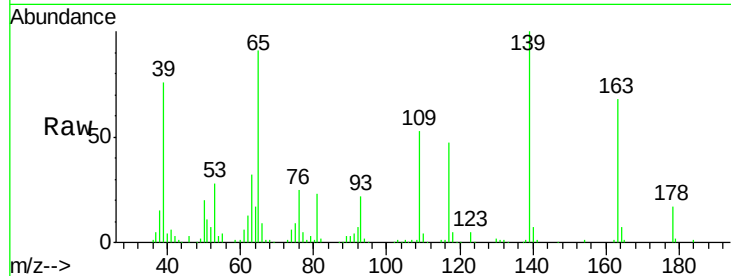




#55
4-Nitrophenol
Concen: 54.90 ng
RT: 9.73 min Scan# 1317
Delta R.T. -0.03 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

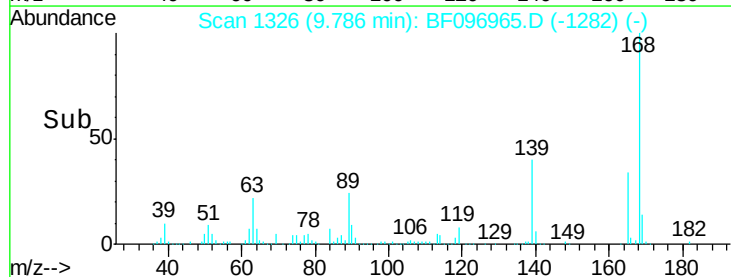
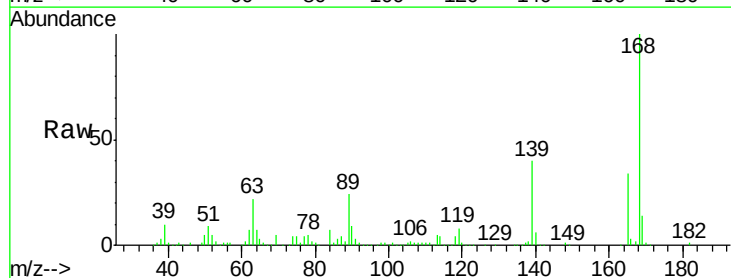
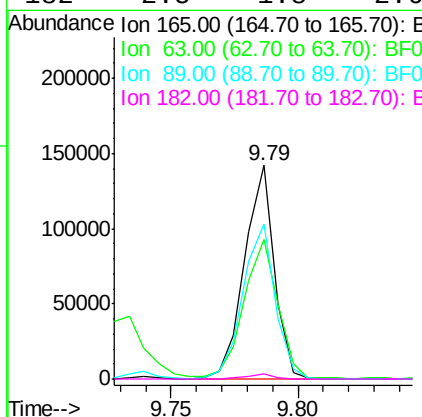
Instrument :
BNA_F
ClientSampleId :
PB100832BS

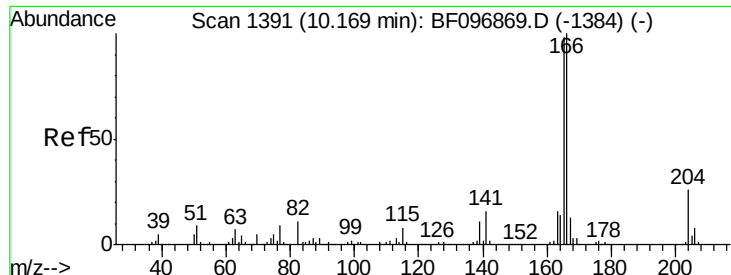
Tgt Ion:139 Resp: 125507
Ion Ratio Lower Upper
139 100
109 53.4 34.1 74.1
65 90.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 34.27 ng
RT: 9.79 min Scan# 1326
Delta R.T. -0.04 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

Tgt Ion:165 Resp: 116322
Ion Ratio Lower Upper
165 100
63 65.3 25.4 38.0#
89 72.7 46.4 69.6#
182 2.5 1.8 2.6





#57

Fluorene

Concen: 37.01 ng

RT: 10.13 min Scan# 1385

Delta R.T. -0.05 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

Instrument :

BNA_F

ClientSampleId :

PB100832BS

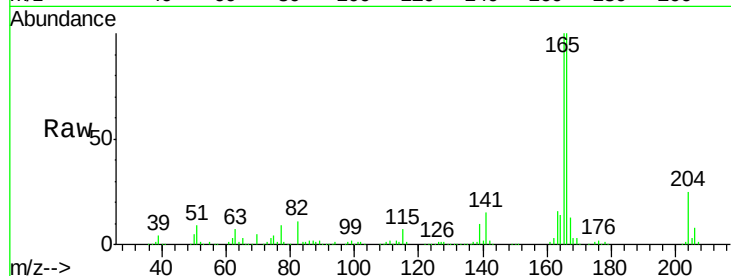
Tgt Ion:166 Resp: 368936

Ion Ratio Lower Upper

166 100

165 100.4 78.8 118.2

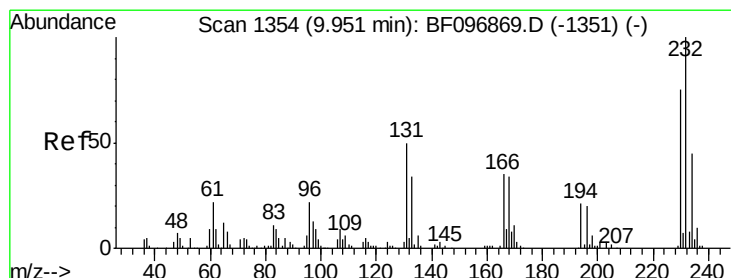
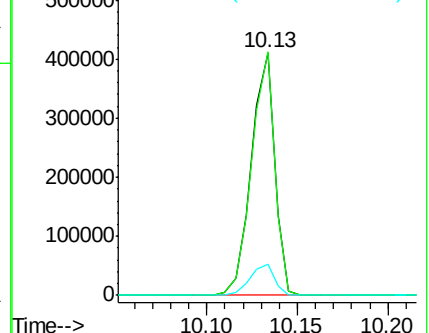
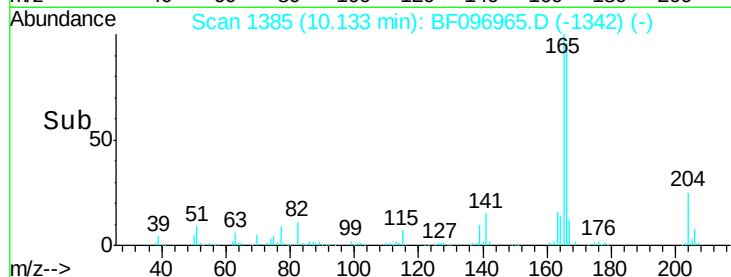
167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.18 ng

RT: 9.92 min Scan# 1348

Delta R.T. -0.05 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

Tgt Ion:232 Resp: 79460

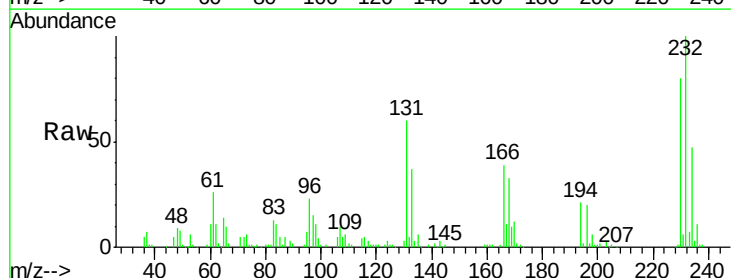
Ion Ratio Lower Upper

232 100

131 57.1 44.8 67.2

130 2.8 2.3 3.5

166 37.0 29.0 43.4

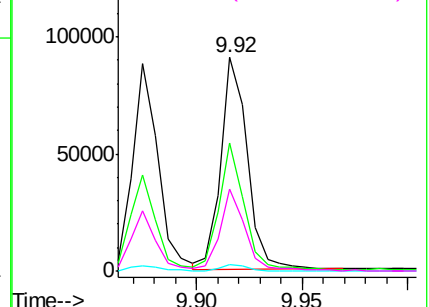
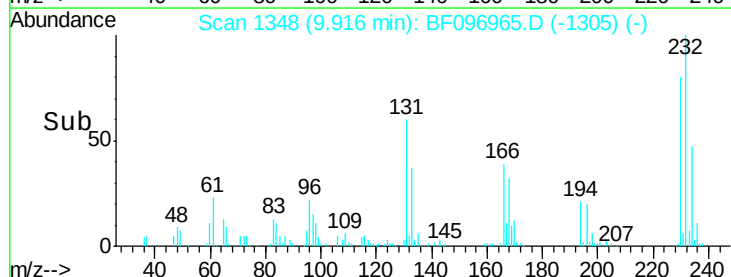


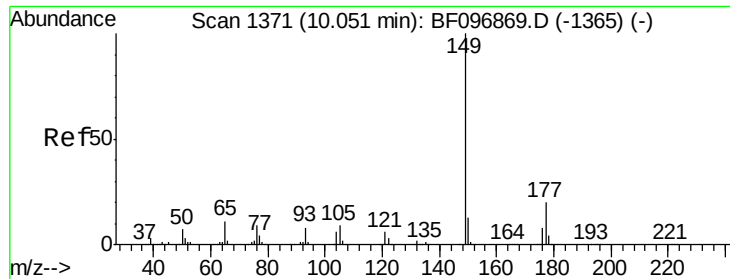
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.70 ng

RT: 10.02 min Scan# 1365

Delta R.T. -0.05 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

Instrument :

BNA_F

ClientSampleId :

PB100832BS

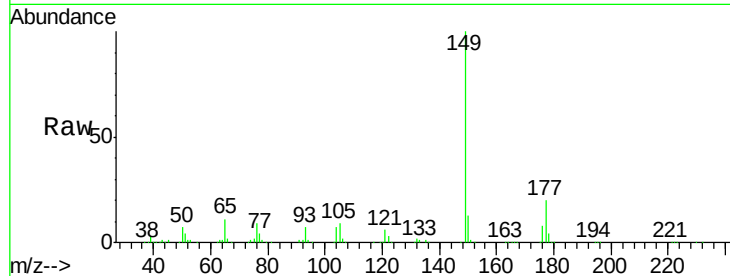
Tgt Ion:149 Resp: 459507

Ion Ratio Lower Upper

149 100

177 20.1 16.7 25.1

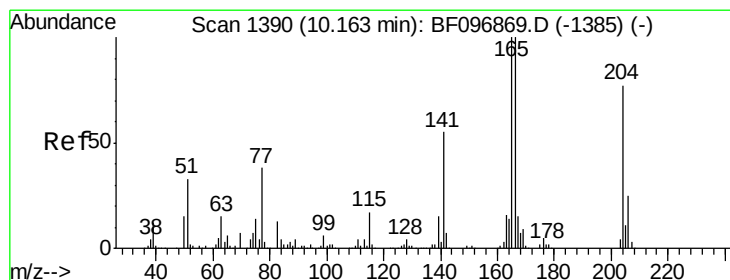
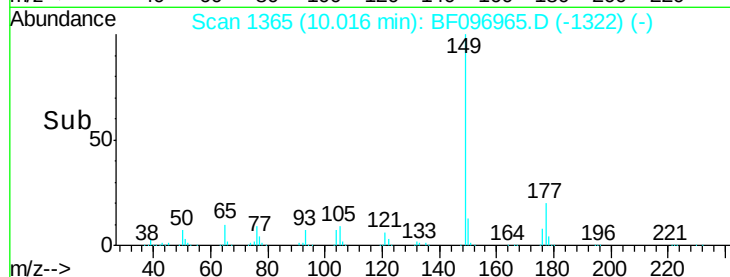
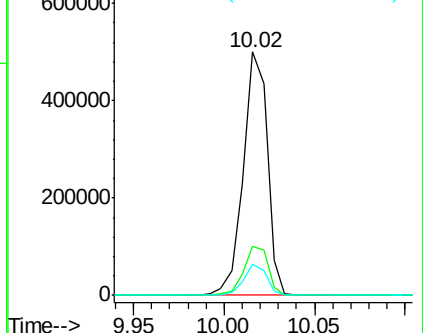
150 12.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.98 ng

RT: 10.13 min Scan# 1384

Delta R.T. -0.05 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

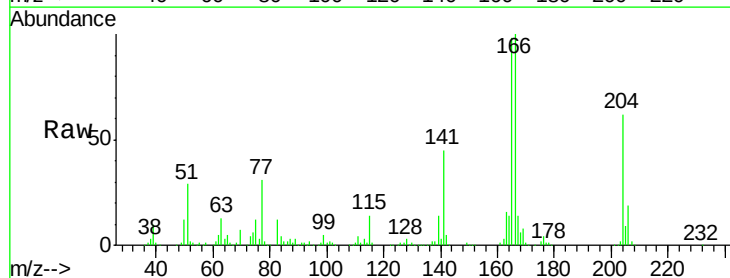
Tgt Ion:204 Resp: 160197

Ion Ratio Lower Upper

204 100

206 31.6 26.2 39.2

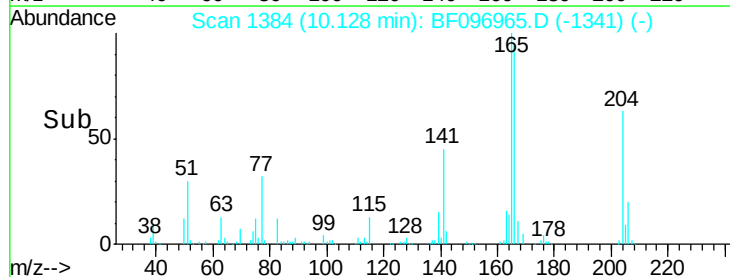
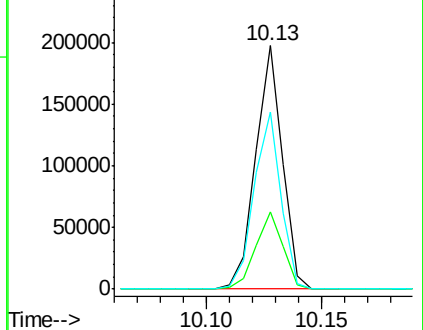
141 72.7 60.8 91.2

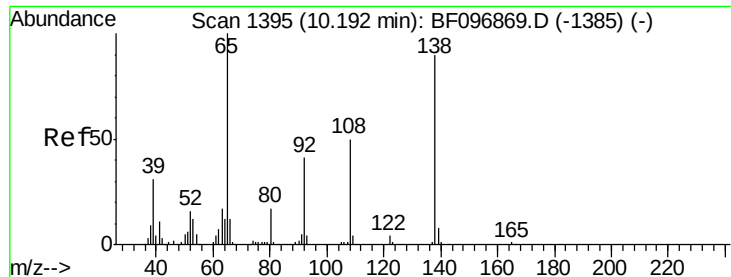


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 30.95 ng

RT: 10.15 min Scan# 1388

Delta R.T. -0.05 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

Instrument :

BNA_F

ClientSampleId :

PB100832BS

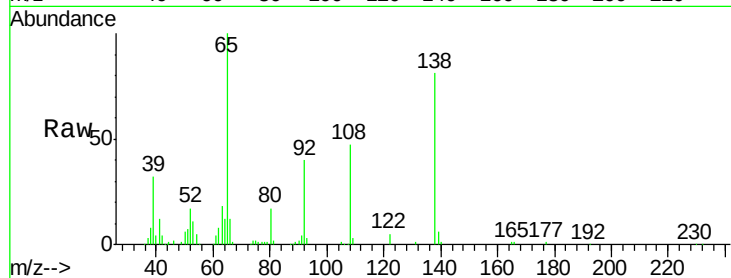
Tgt Ion:138 Resp: 90946

Ion Ratio Lower Upper

138 100

92 49.6 21.8 61.8

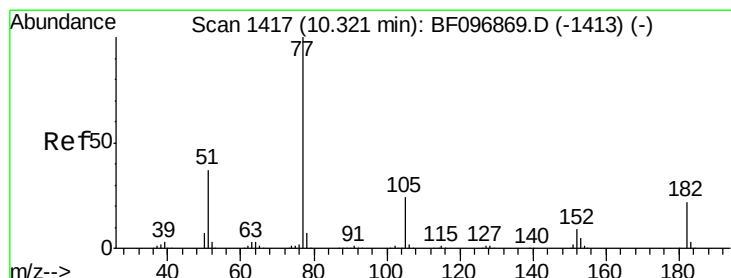
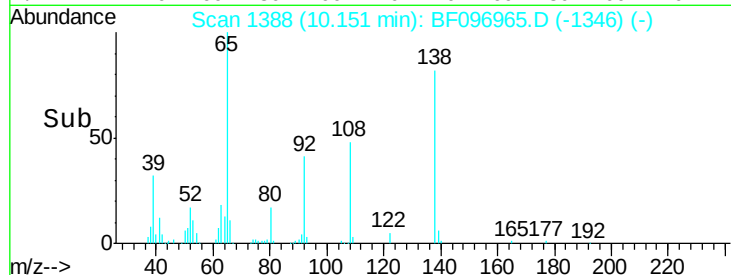
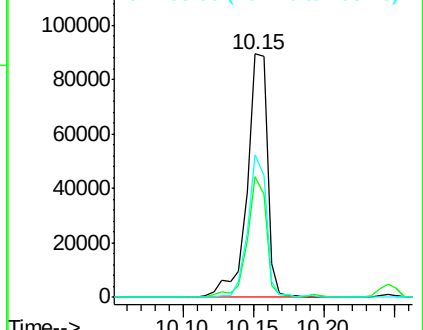
108 58.4 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.37 ng

RT: 10.29 min Scan# 1411

Delta R.T. -0.05 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

Tgt Ion: 77 Resp: 412377

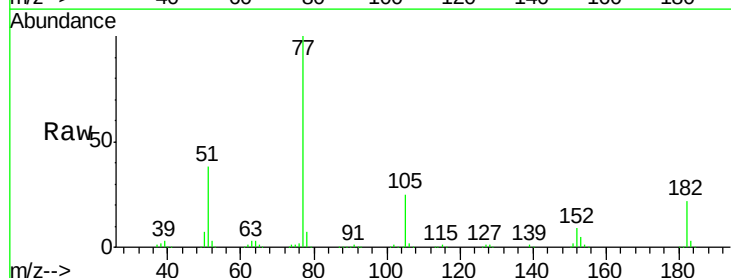
Ion Ratio Lower Upper

77 100

182 22.5 0.1 40.1

105 24.9 3.6 43.6

51 38.0 9.4 49.4

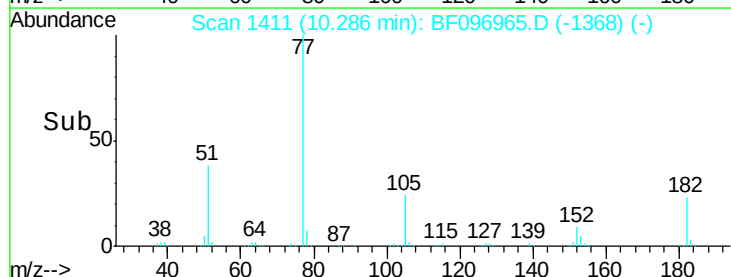
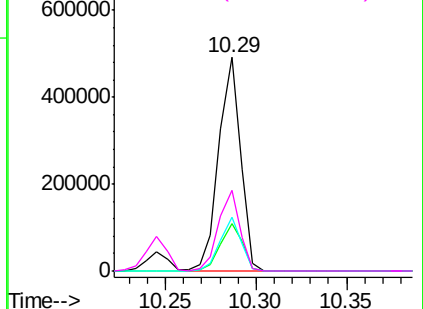


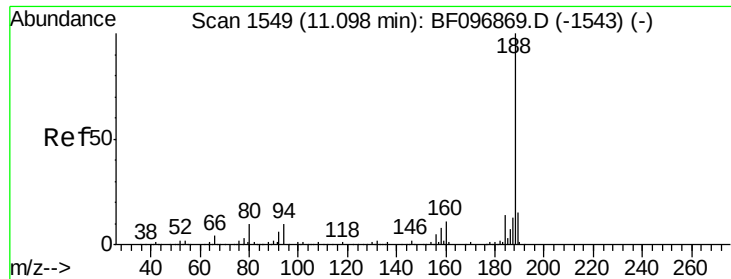
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.06 min Scan# 1543

Delta R.T. -0.04 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

Instrument :

BNA_F

ClientSampleId :

PB100832BS

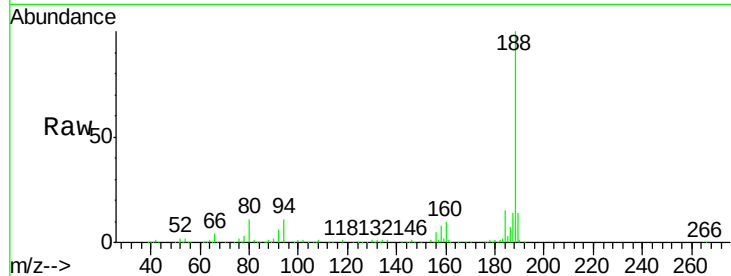
Tgt Ion:188 Resp: 208793

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

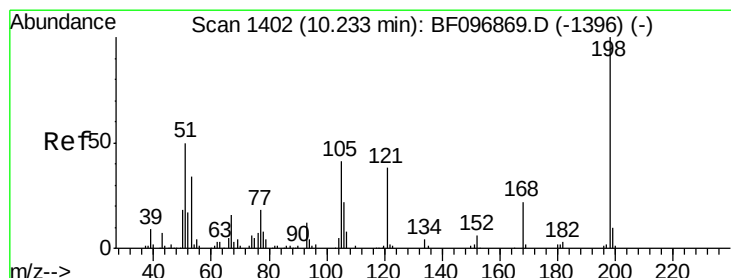
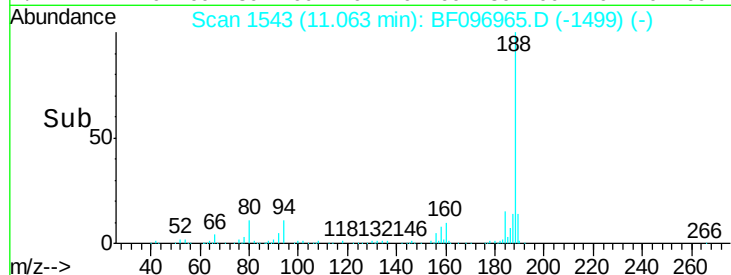
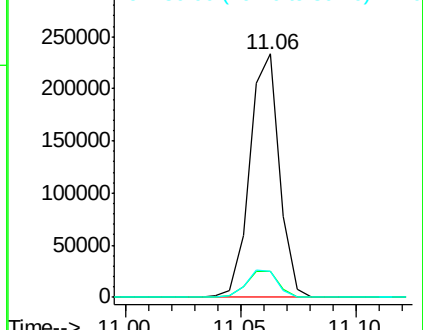
80 10.9 10.2 15.2



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: 18.78 ng

RT: 10.20 min Scan# 1396

Delta R.T. -0.04 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

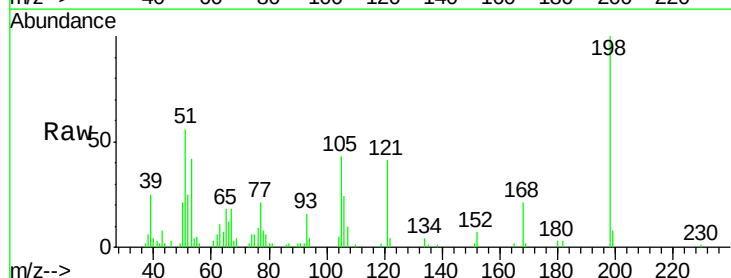
Tgt Ion:198 Resp: 24622

Ion Ratio Lower Upper

198 100

51 55.6 53.2 93.2

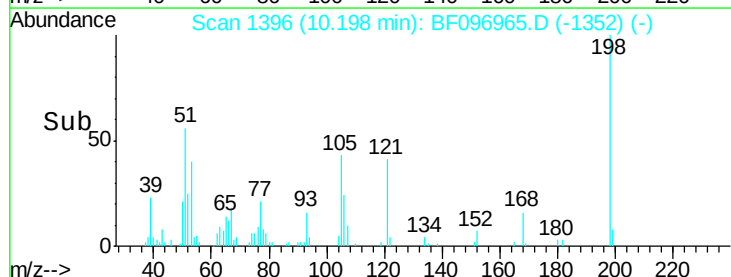
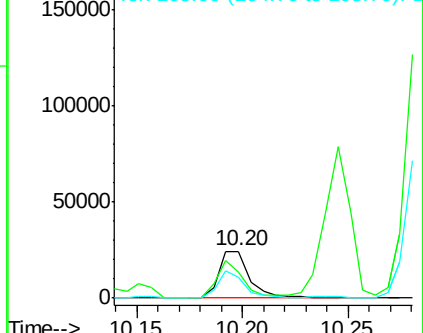
105 43.3 45.8 85.8#

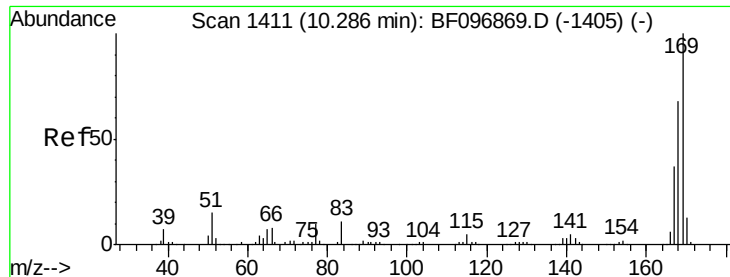


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

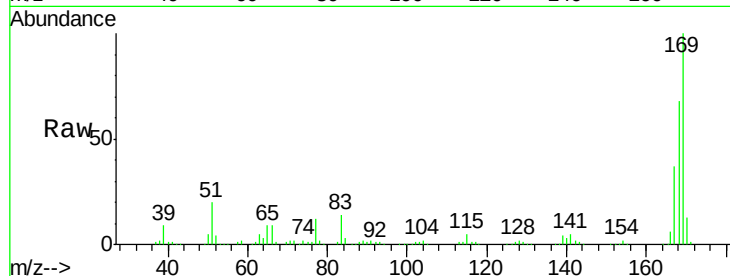




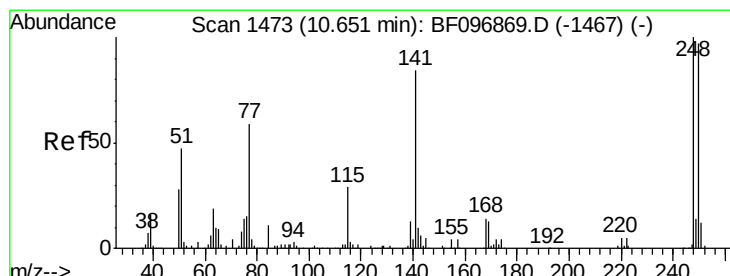
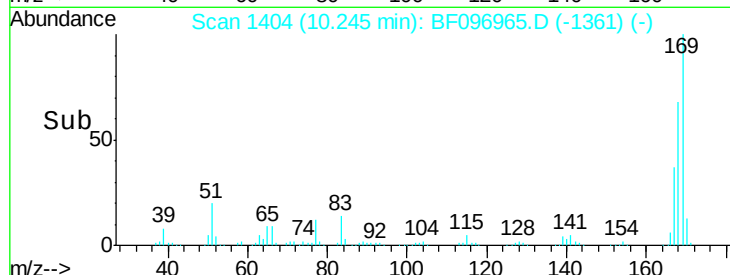
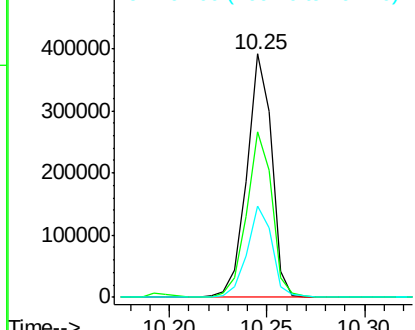
#65
n-Nitrosodiphenylamine
Concen: 46.19 ng
RT: 10.25 min Scan# 1404
Delta R.T. -0.05 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

Instrument :
BNA_F
ClientSampleId :
PB100832BS

Tgt Ion:169 Resp: 344732
Ion Ratio Lower Upper
169 100
168 67.9 53.2 79.8
167 37.2 29.5 44.3

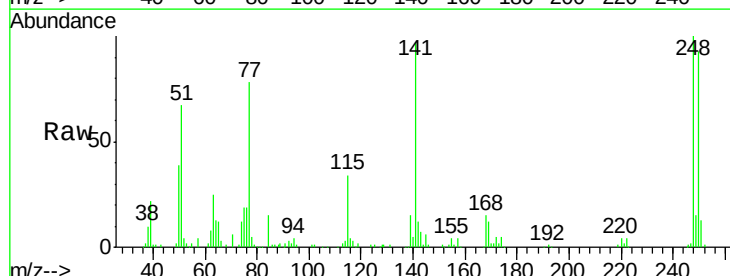


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

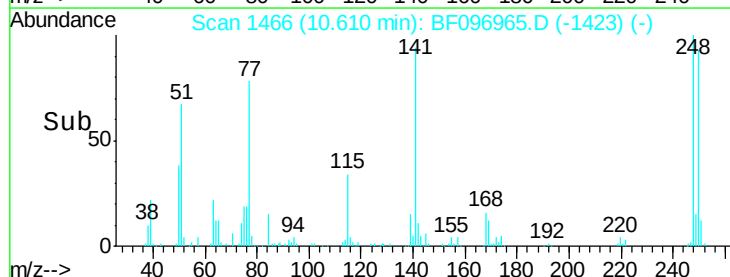
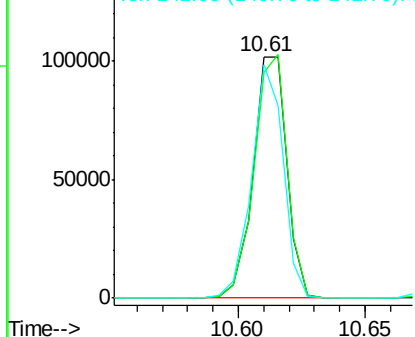


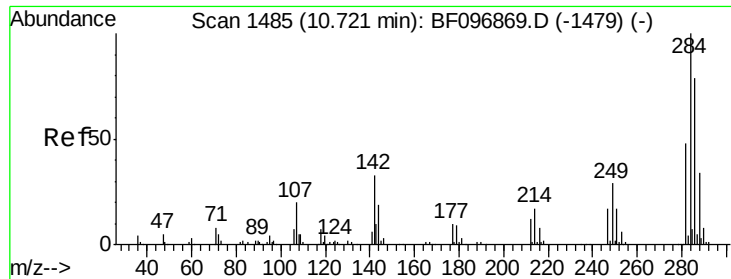
#66
4-Bromophenyl-phenylether
Concen: 44.58 ng
RT: 10.61 min Scan# 1466
Delta R.T. -0.05 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

Tgt Ion:248 Resp: 95029
Ion Ratio Lower Upper
248 100
250 93.4 76.8 115.2
141 96.6 68.6 103.0



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

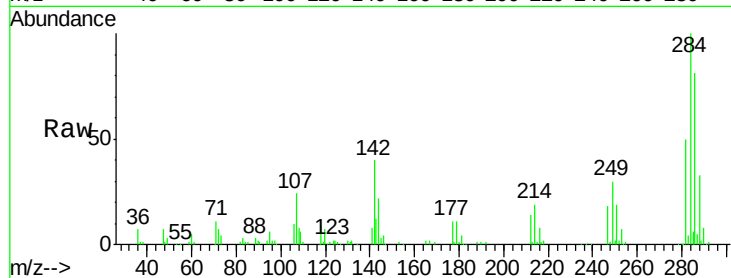




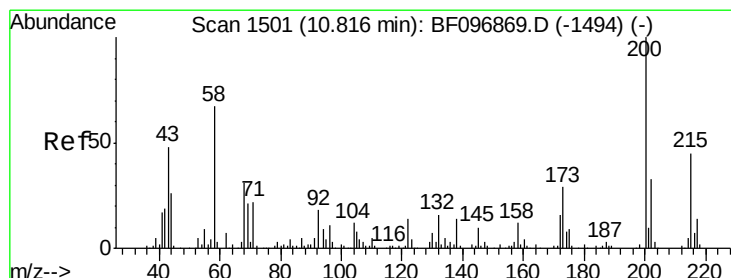
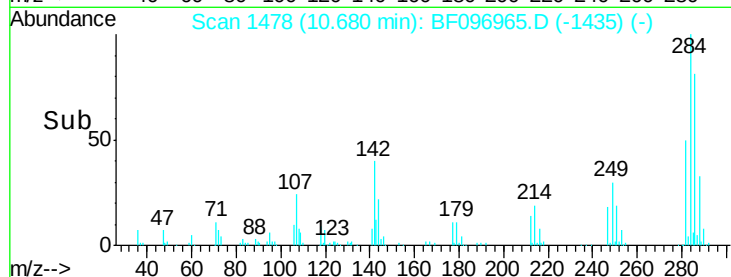
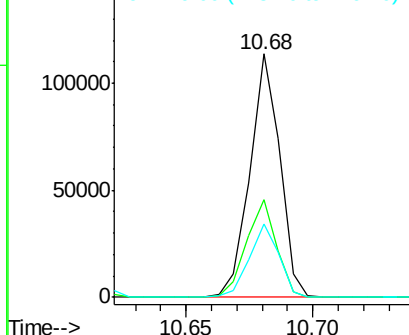
#67
Hexachlorobenzene
Concen: 39.55 ng
RT: 10.68 min Scan# 1478
Delta R.T. -0.05 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

Instrument :
BNA_F
ClientSampleId :
PB100832BS

Tgt Ion:284 Resp: 93905
Ion Ratio Lower Upper
284 100
142 39.9 22.8 34.2#
249 30.0 24.0 36.0

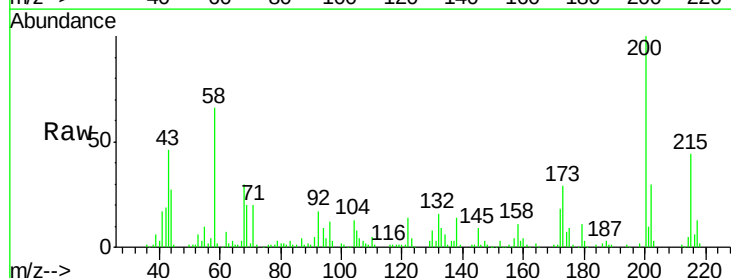


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

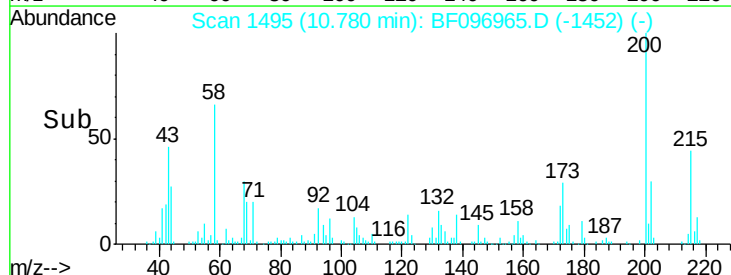
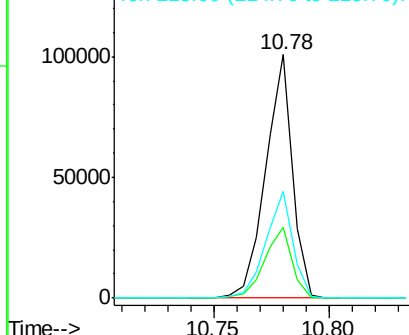


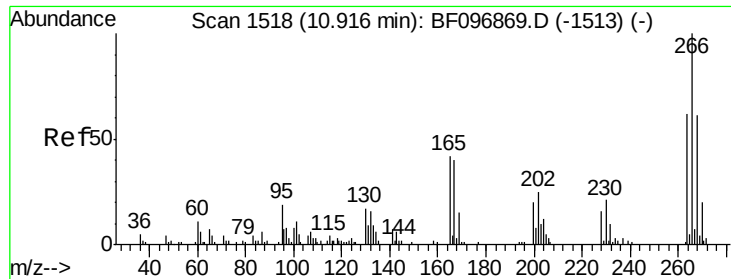
#68
Atrazine
Concen: 38.19 ng
RT: 10.78 min Scan# 1495
Delta R.T. -0.05 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

Tgt Ion:200 Resp: 81198
Ion Ratio Lower Upper
200 100
173 29.1 6.3 46.3
215 43.7 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

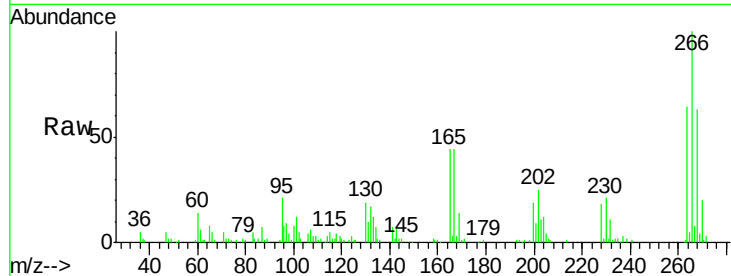




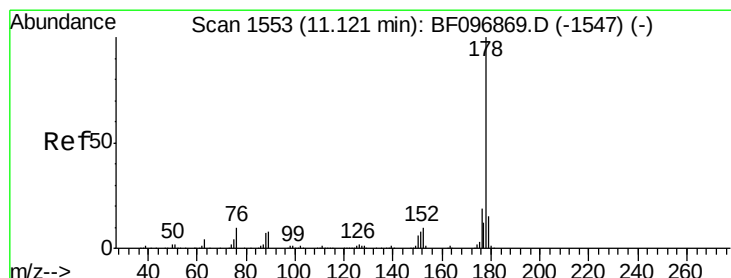
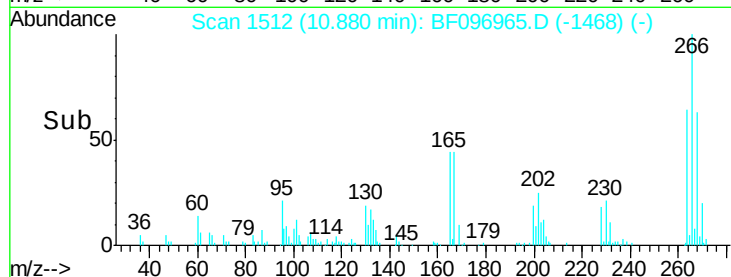
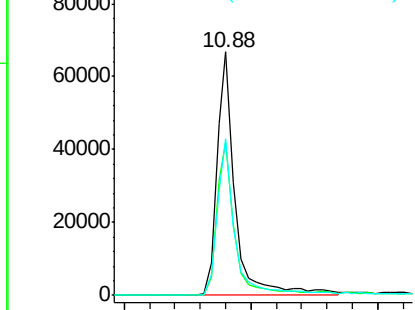
#69
 Pentachlorophenol
 Concen: 58.95 ng
 RT: 10.88 min Scan# 1512
 Delta R.T. -0.04 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

Instrument :
 BNA_F
 ClientSampleId :
 PB100832BS

Tgt Ion: 266 Resp: 67613
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.1 76.7
 264 64.5 51.7 77.5

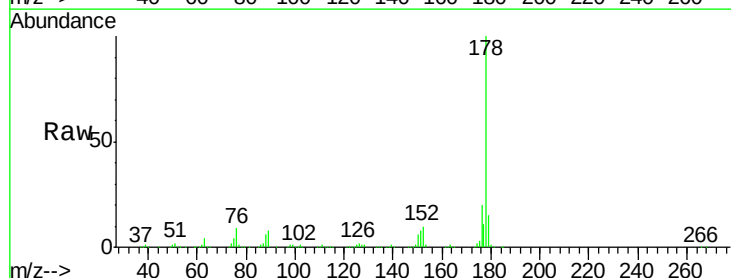


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

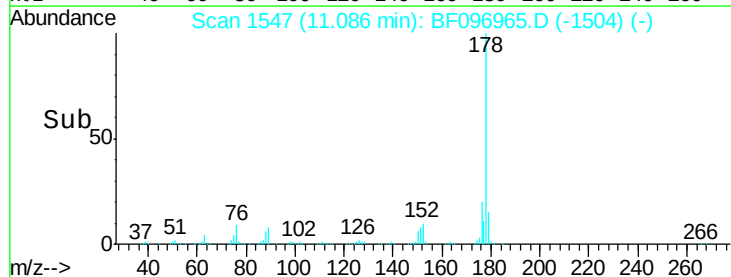
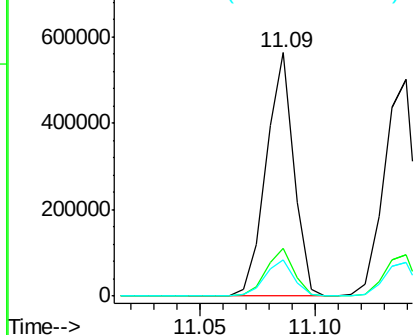


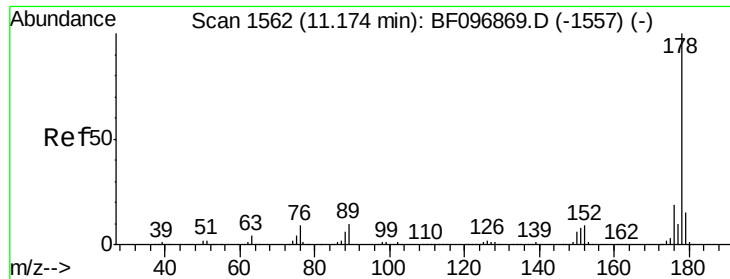
#70
 Phenanthrene
 Concen: 41.43 ng
 RT: 11.09 min Scan# 1547
 Delta R.T. -0.05 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

Tgt Ion: 178 Resp: 470304
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 15.2 12.6 19.0



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

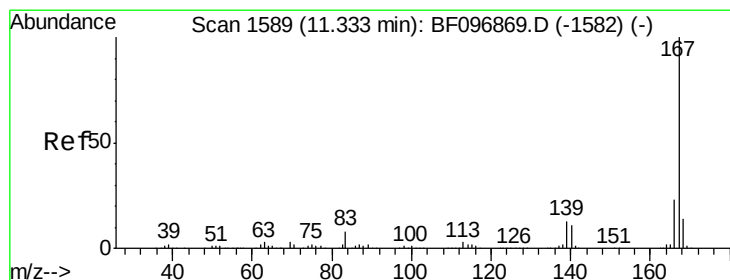
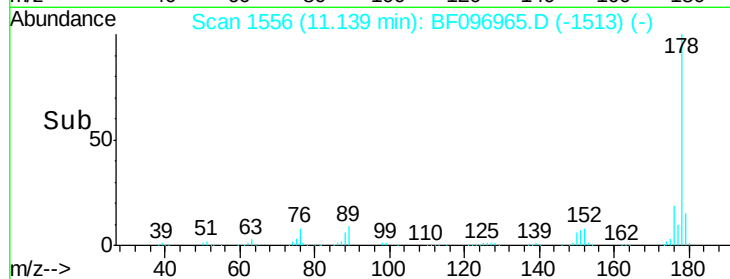
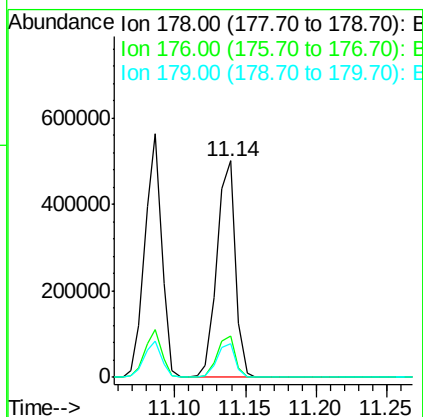
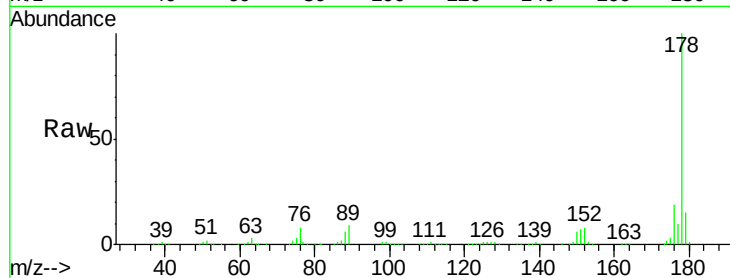




#71
 Anthracene
 Concen: 39.73 ng
 RT: 11.14 min Scan# 1556
 Delta R.T. -0.05 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

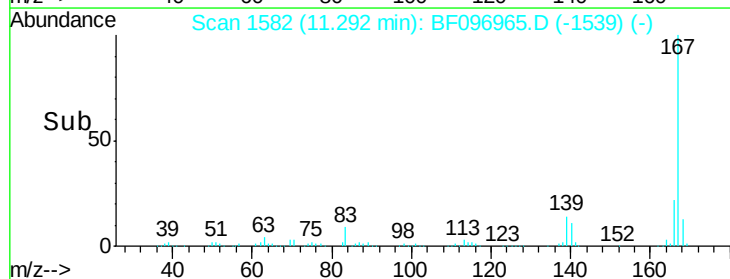
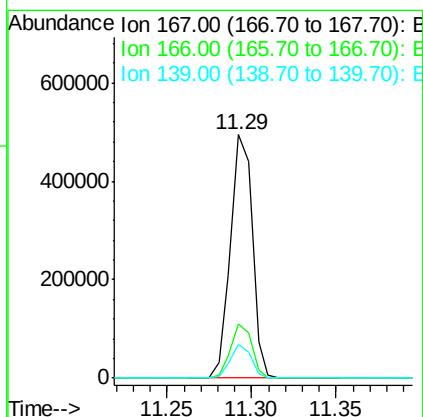
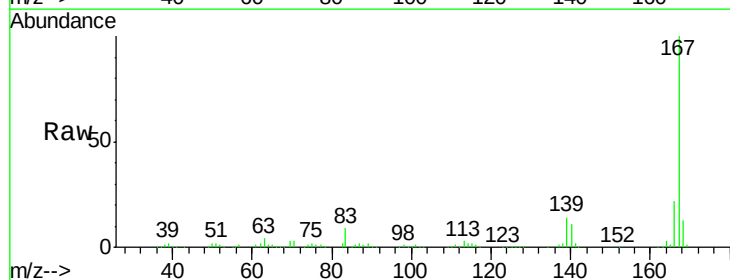
Instrument :
 BNA_F
 ClientSampleId :
 PB100832BS

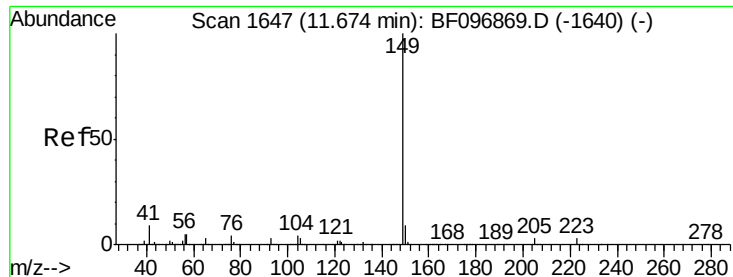
Tgt Ion:178 Resp: 456075
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 40.15 ng
 RT: 11.29 min Scan# 1582
 Delta R.T. -0.05 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

Tgt Ion:167 Resp: 446282
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.9 11.7 17.5





#73

Di-n-butylphthalate

Concen: 42.50 ng

RT: 11.64 min Scan# 1641

Delta R.T. -0.04 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

Instrument :

BNA_F

ClientSampleId :

PB100832BS

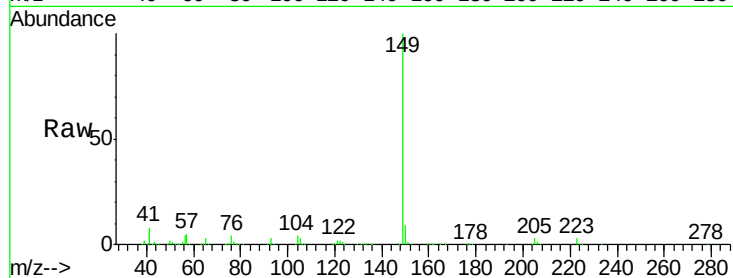
Tgt Ion:149 Resp: 588383

Ion Ratio Lower Upper

149 100

150 8.9 7.7 11.5

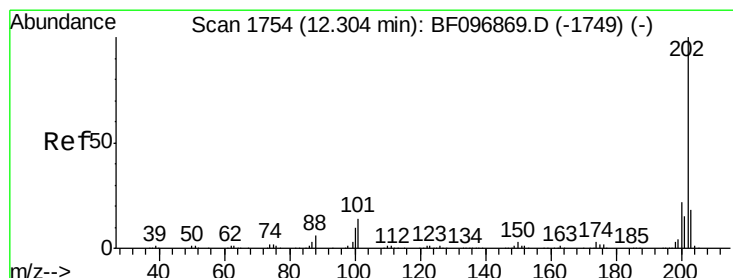
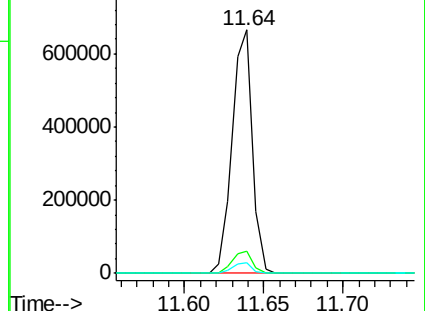
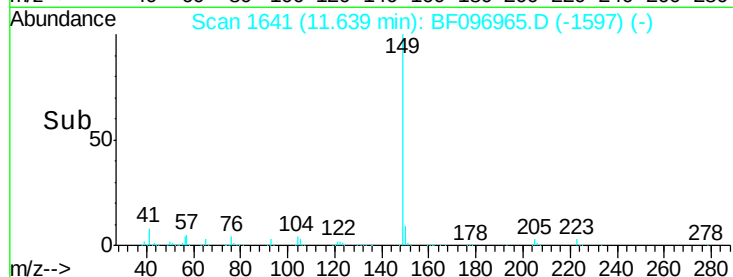
104 4.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.12 ng

RT: 12.26 min Scan# 1747

Delta R.T. -0.05 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

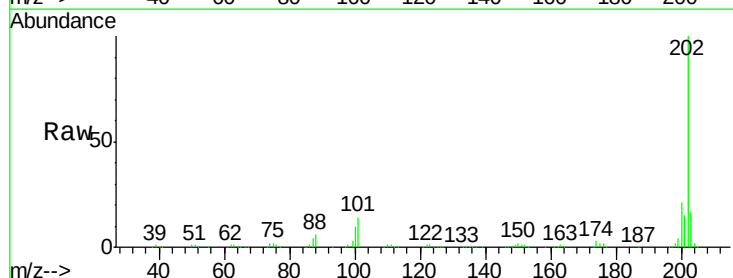
Tgt Ion:202 Resp: 446869

Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.2

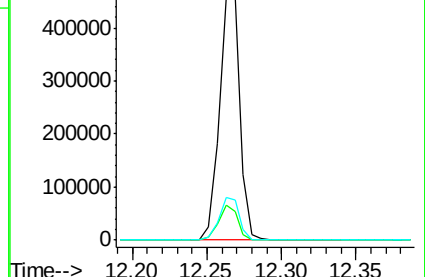
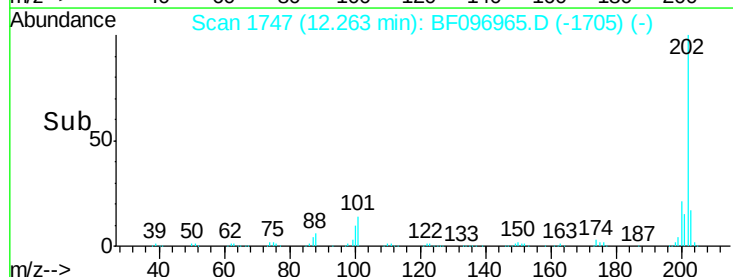
203 17.3 0.0 38.1

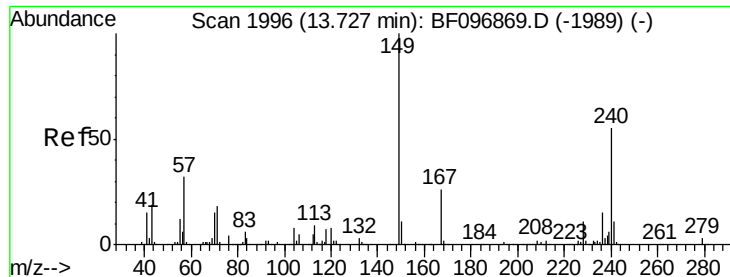


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1989

Delta R.T. -0.05 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

Instrument :

BNA_F

ClientSampleId :

PB100832BS

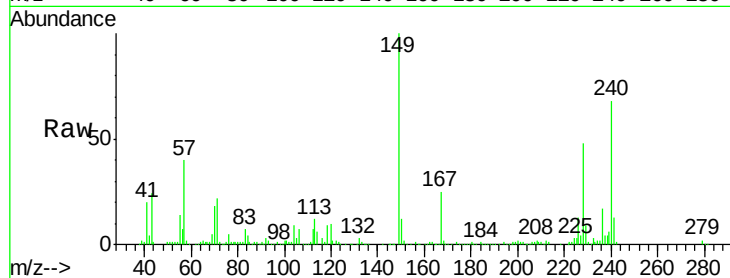
Tgt Ion:240 Resp: 160566

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

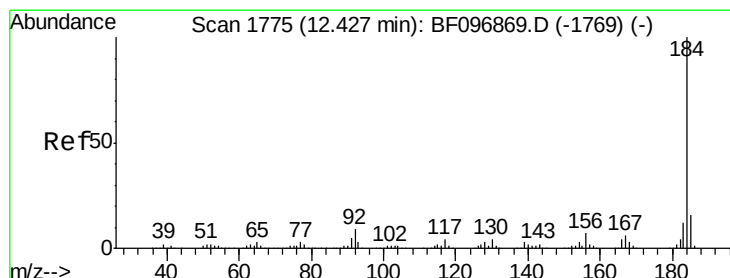
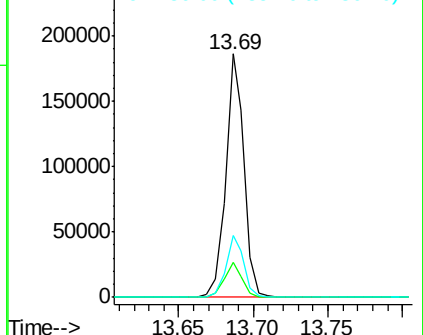
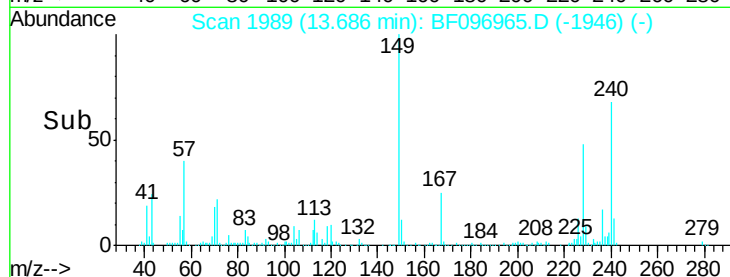
236 25.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 60.91 ng

RT: 12.39 min Scan# 1769

Delta R.T. -0.04 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

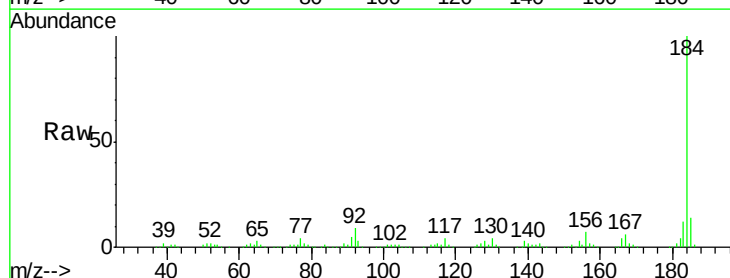
Tgt Ion:184 Resp: 320394

Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

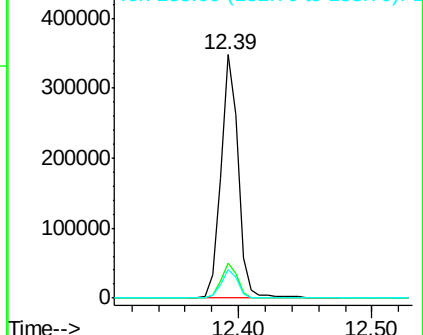
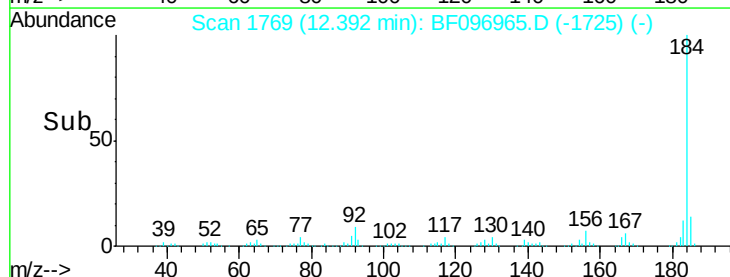
183 11.6 9.8 14.6

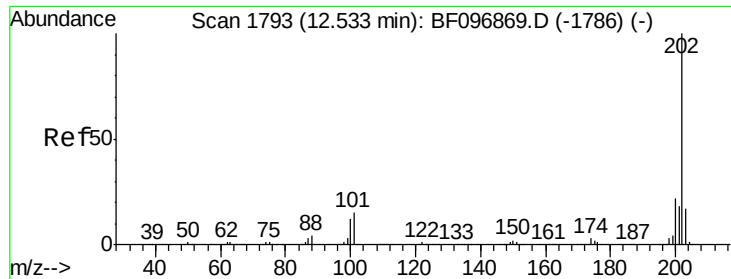


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

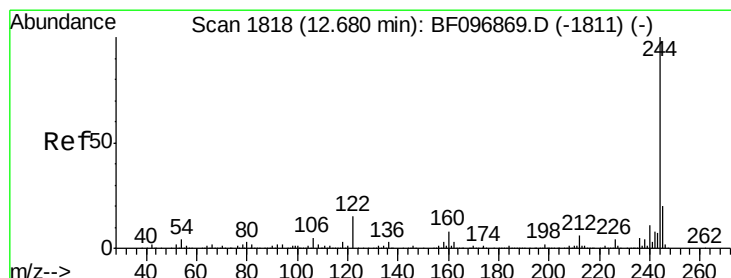
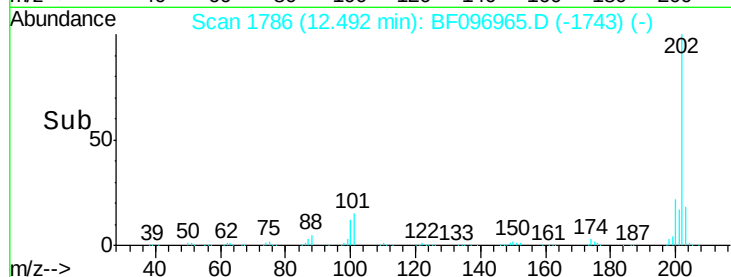
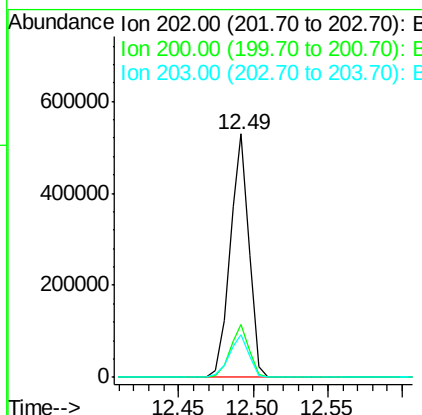
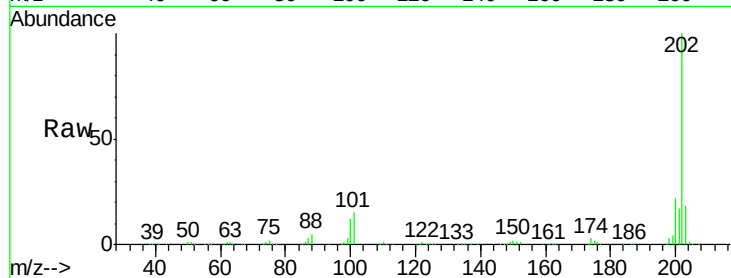




#77
 Pyrene
 Concen: 32.30 ng
 RT: 12.49 min Scan# 1786
 Delta R.T. -0.05 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

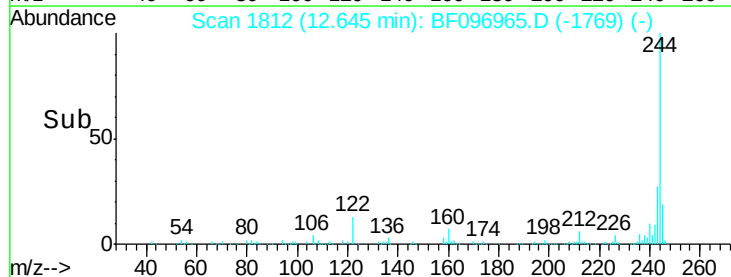
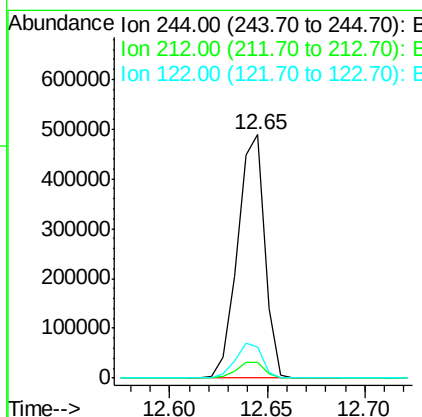
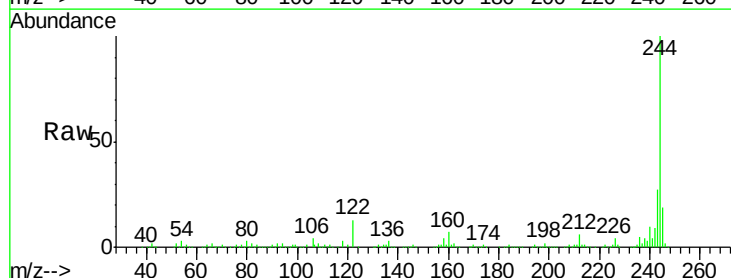
Instrument :
 BNA_F
 ClientSampleId :
 PB100832BS

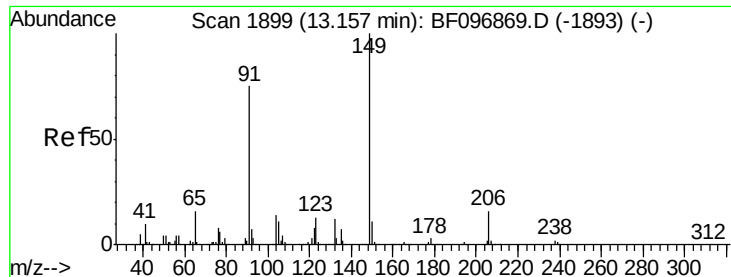
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.5	14.4	21.6



#78
 Terphenyl-d14
 Concen: 50.92 ng
 RT: 12.65 min Scan# 1812
 Delta R.T. -0.05 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	12.7	10.3	15.5

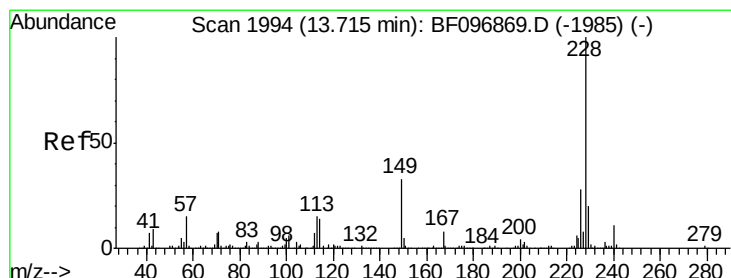
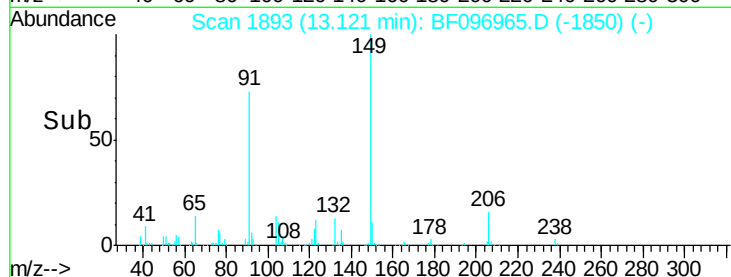
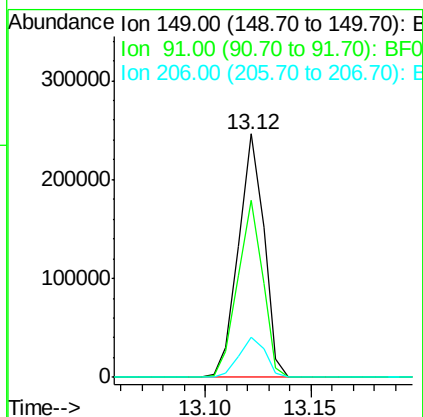
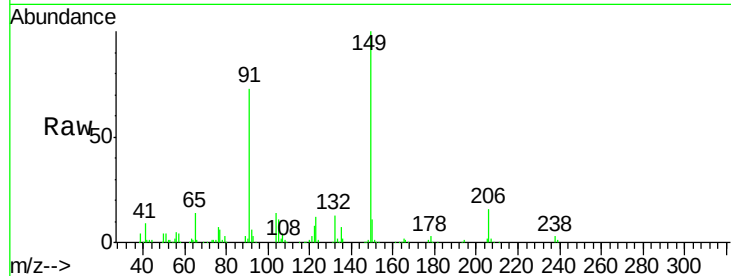




#79
Butylbenzylphthalate
Concen: 29.75 ng
RT: 13.12 min Scan# 1893
Delta R.T. -0.05 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

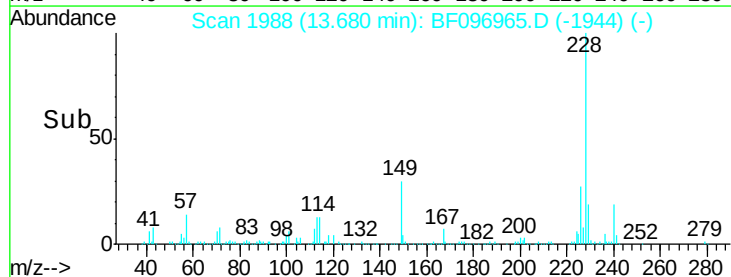
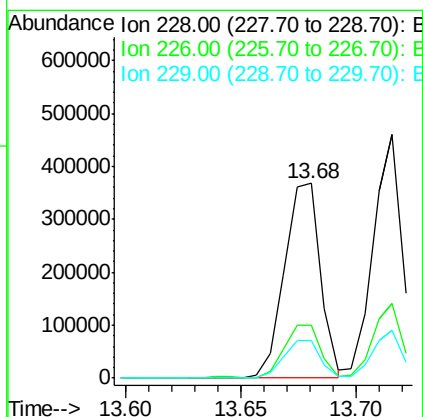
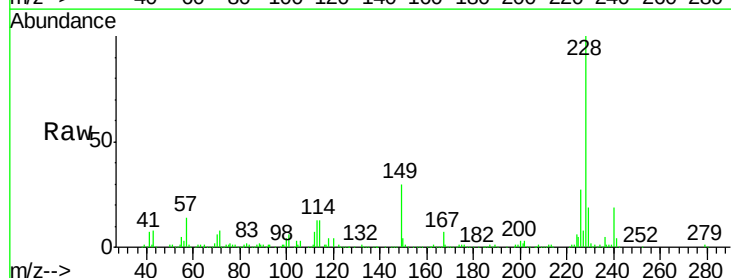
Instrument :
BNA_F
ClientSampleId :
PB100832BS

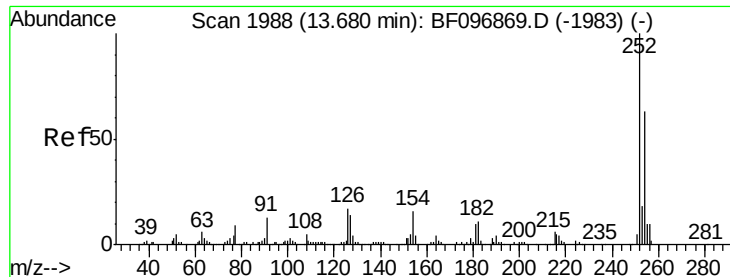
Tgt Ion:149 Resp: 206012
Ion Ratio Lower Upper
149 100
91 72.8 45.0 67.4#
206 16.5 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 39.57 ng
RT: 13.68 min Scan# 1988
Delta R.T. -0.04 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

Tgt Ion:228 Resp: 395892
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.0 16.3 24.5

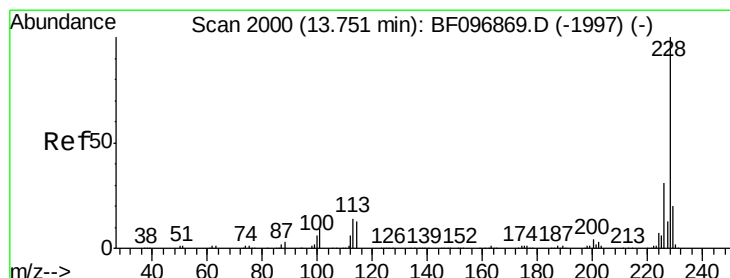
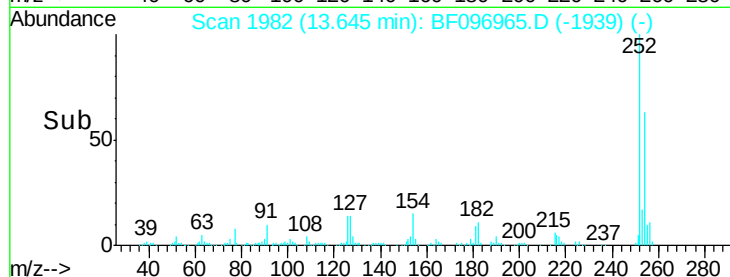
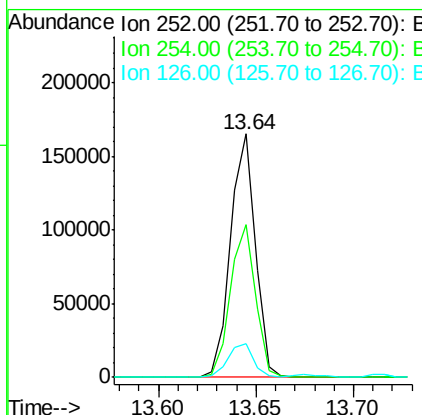
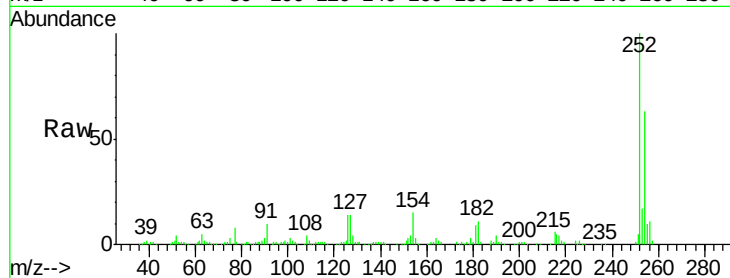




#81
 3,3'-Dichlorobenzidine
 Concen: 40.54 ng
 RT: 13.64 min Scan# 1982
 Delta R.T. -0.05 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

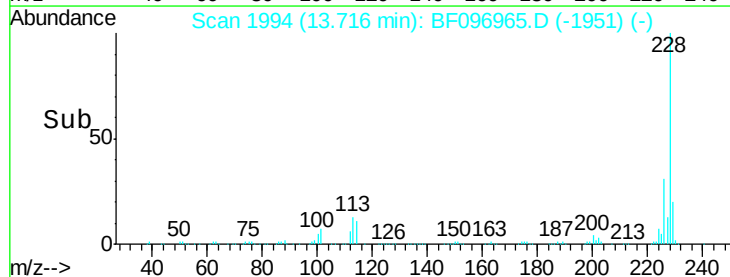
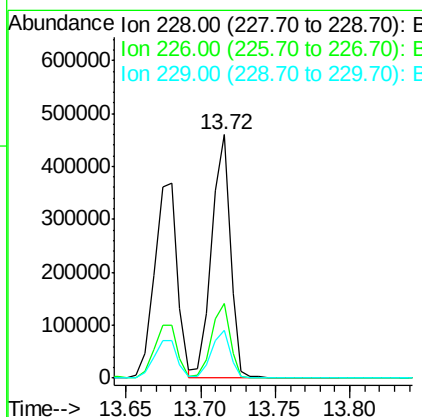
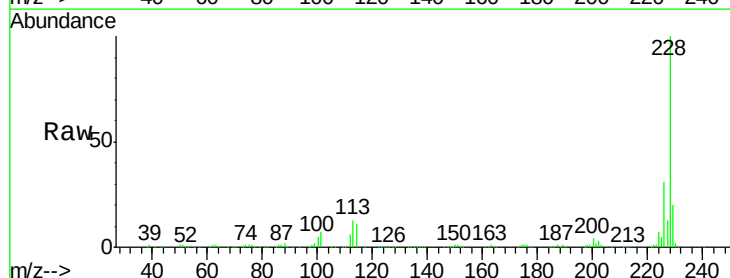
Instrument :
 BNA_F
 ClientSampleId :
 PB100832BS

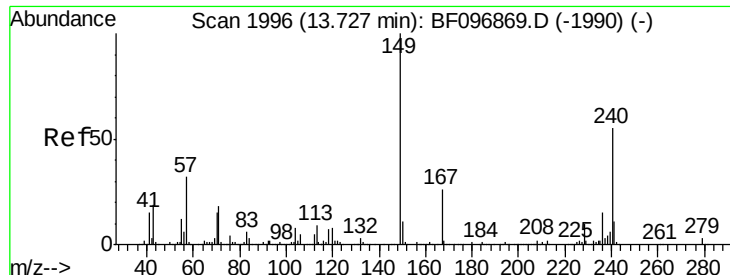
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.5	77.3
126	13.7	15.8	23.8#



#82
 Chrysene
 Concen: 40.74 ng
 RT: 13.72 min Scan# 1994
 Delta R.T. -0.05 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	19.7	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.58 ng

RT: 13.69 min Scan# 1990

Delta R.T. -0.04 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

Instrument :

BNA_F

ClientSampleId :

PB100832BS

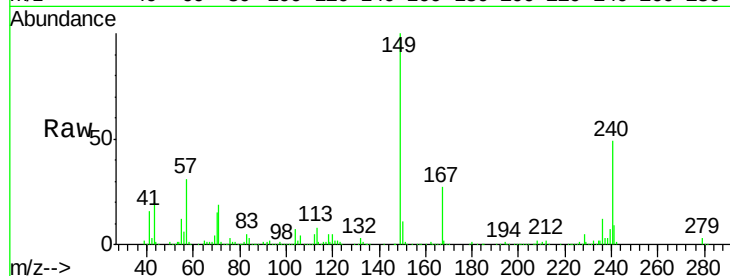
Tgt Ion:149 Resp: 283145

Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.4

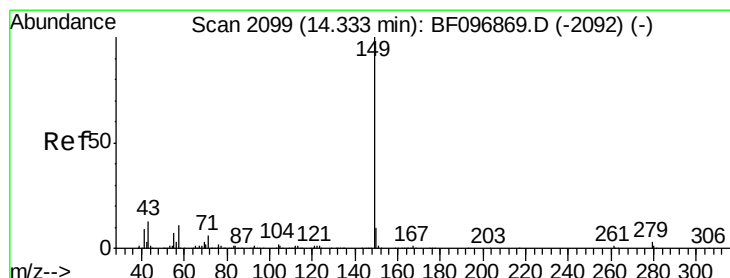
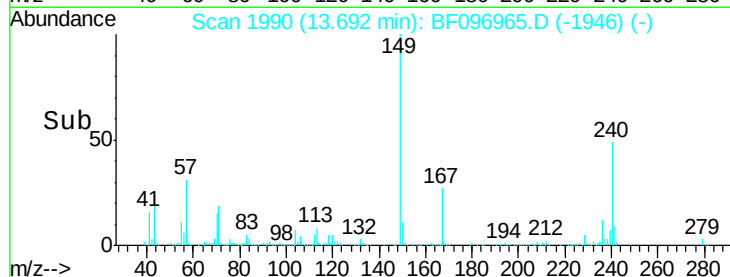
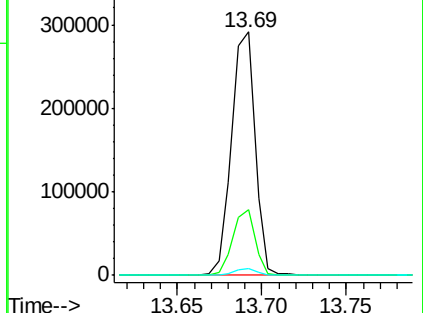
279 3.0 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.90 ng

RT: 14.30 min Scan# 2093

Delta R.T. -0.04 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

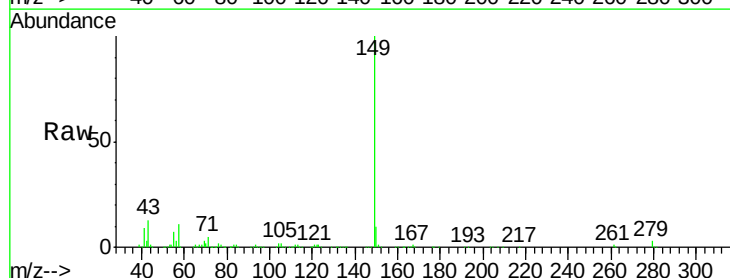
Tgt Ion:149 Resp: 611857

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

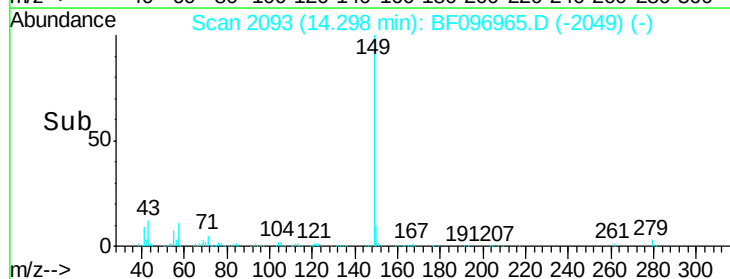
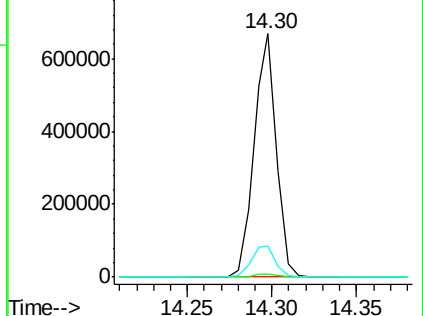
43 13.4 8.5 12.7#

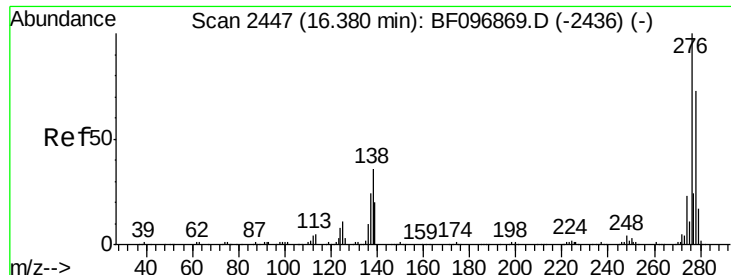


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

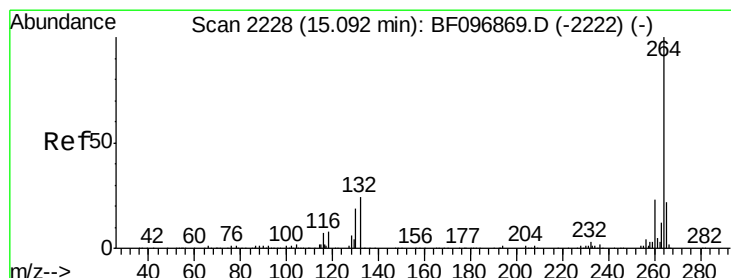
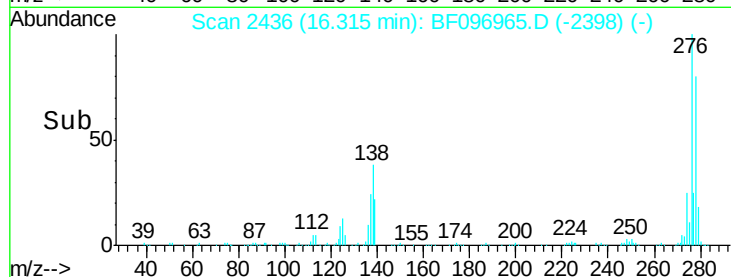
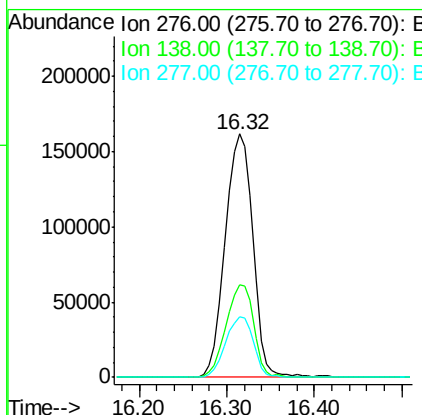
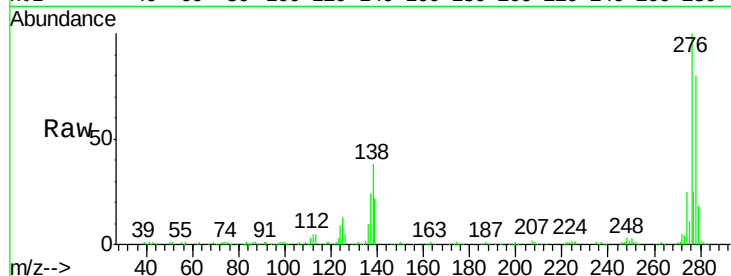




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.51 ng
 RT: 16.32 min Scan# 2436
 Delta R.T. -0.08 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

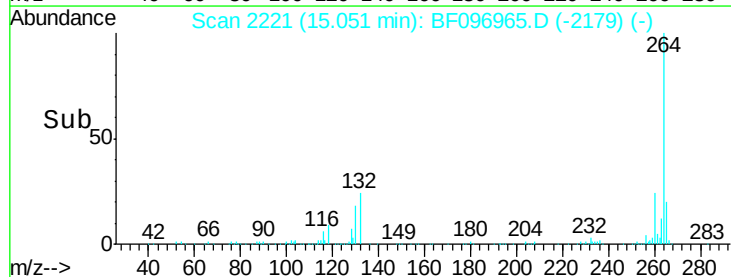
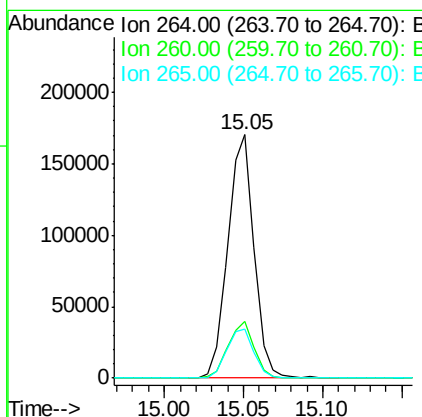
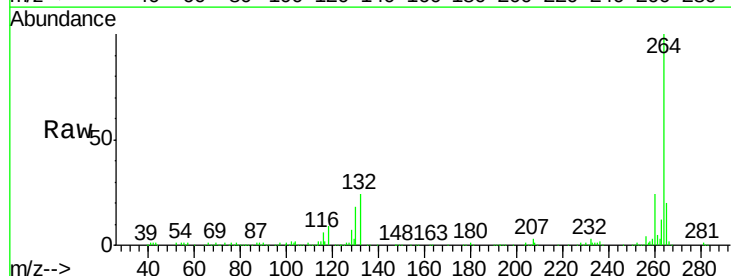
Instrument :
 BNA_F
 ClientSampleId :
 PB100832BS

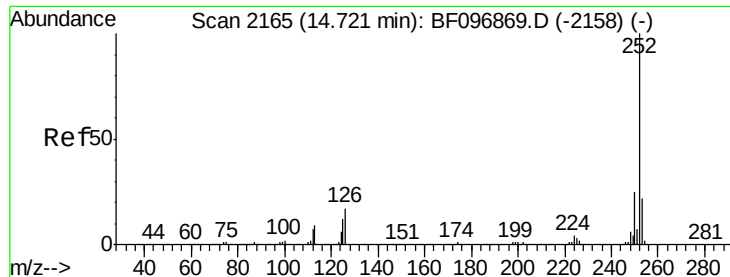
Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.2	27.8	41.6
277	24.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: BF096965.D
 Acq: 22 Jul 2017 2:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.0	17.2	25.8

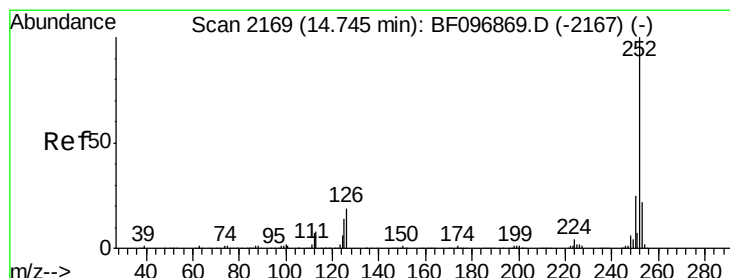
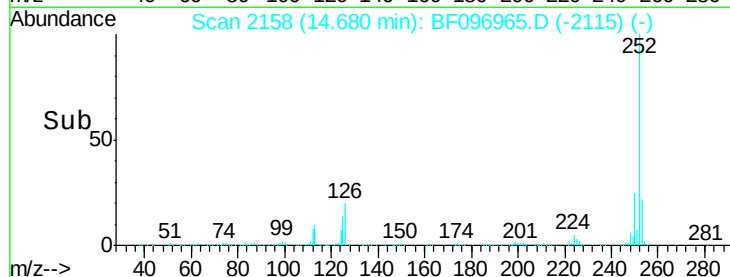
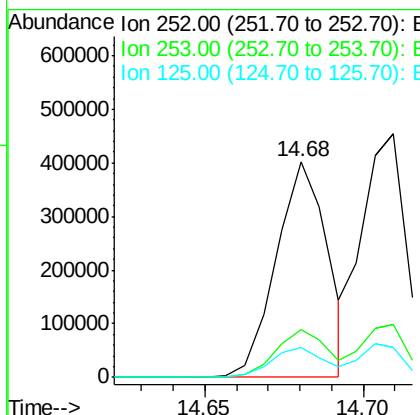
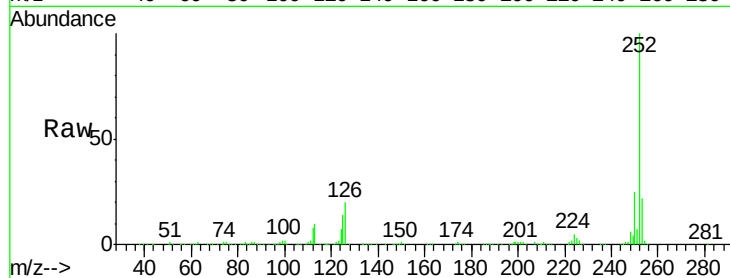




#87
Benzo(b)fluoranthene
Concen: 38.58 ng
RT: 14.68 min Scan# 2158
Delta R.T. -0.05 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

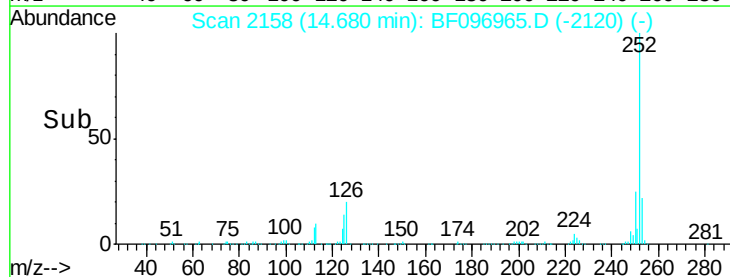
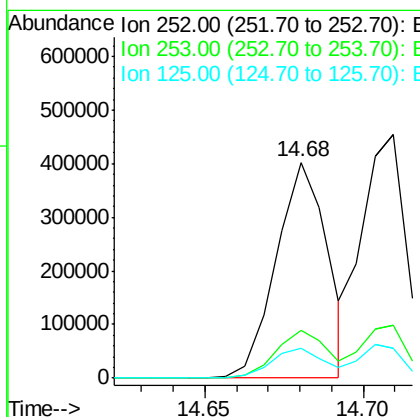
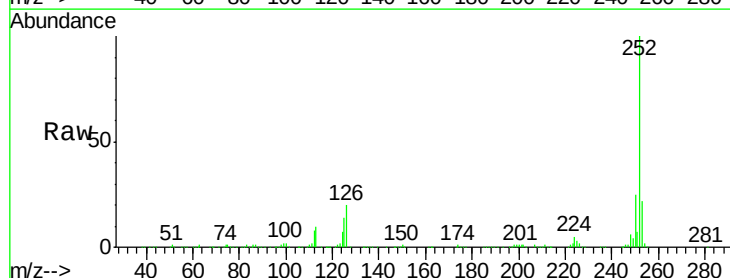
Instrument :
BNA_F
ClientSampleId :
PB100832BS

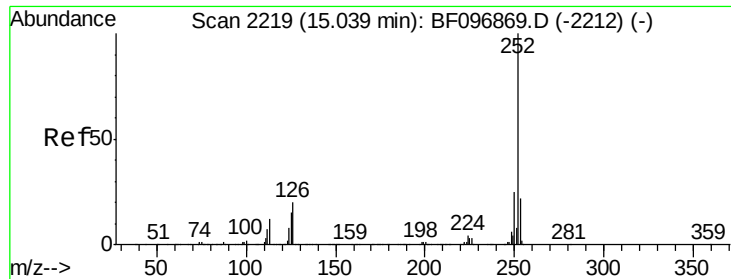
Tgt Ion:252 Resp: 452909
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 13.8 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 40.74 ng
RT: 14.68 min Scan# 2158
Delta R.T. -0.08 min
Lab File: BF096965.D
Acq: 22 Jul 2017 2:01

Tgt Ion:252 Resp: 452909
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 13.8 13.1 19.7





#89

Benzo(a)pyrene

Concen: 41.52 ng

RT: 15.00 min Scan# 2212

Delta R.T. -0.05 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

Instrument :

BNA_F

ClientSampleId :

PB100832BS

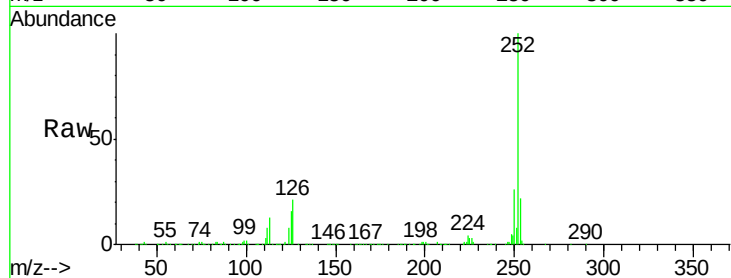
Tgt Ion:252 Resp: 447019

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

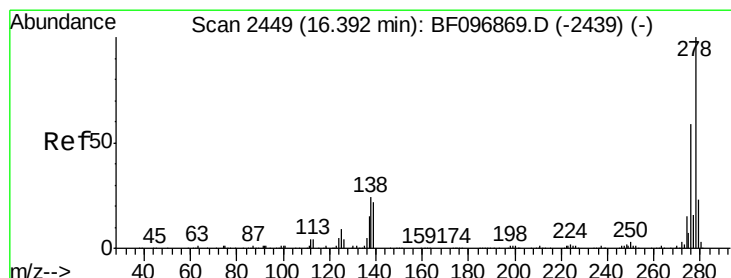
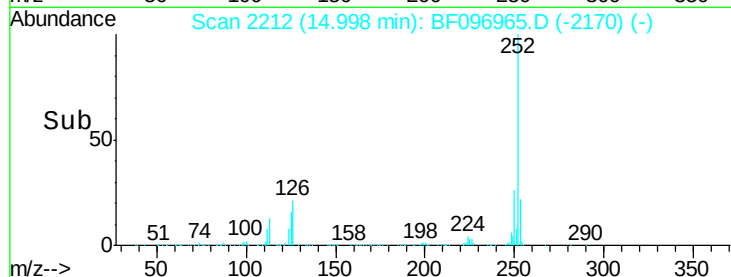
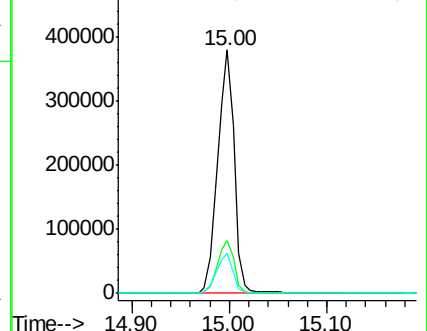
125 16.3 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 30.12 ng

RT: 16.33 min Scan# 2438

Delta R.T. -0.08 min

Lab File: BF096965.D

Acq: 22 Jul 2017 2:01

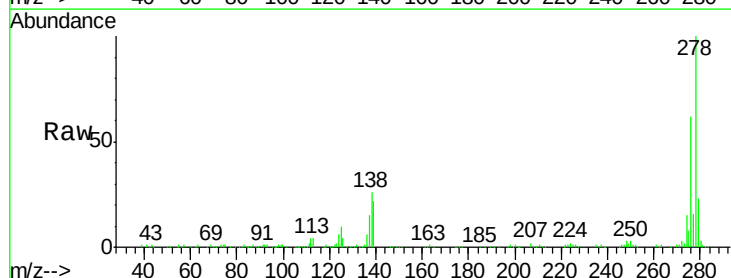
Tgt Ion:278 Resp: 298367

Ion Ratio Lower Upper

278 100

139 21.7 16.6 24.8

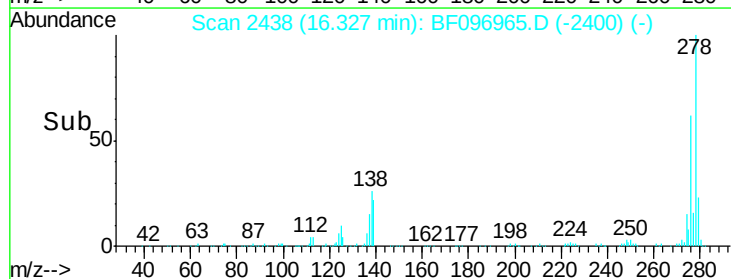
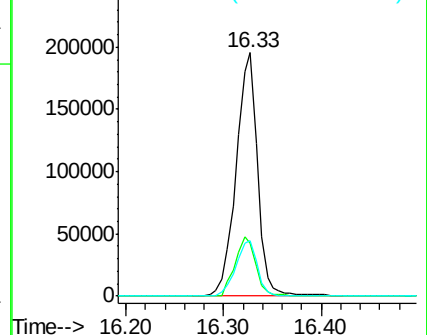
279 23.0 19.3 28.9

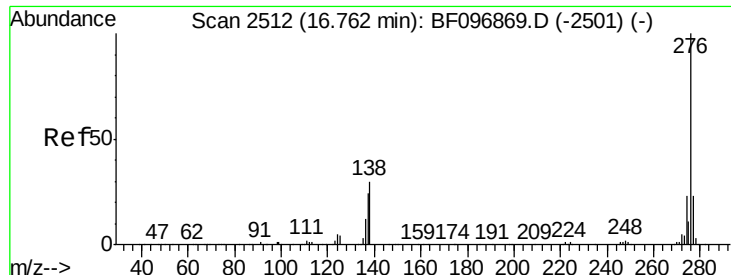


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 27.08 ng

RT: 16.69 min Scan# 2500

Delta R.T. -0.09 min

Lab File: BF096965.D

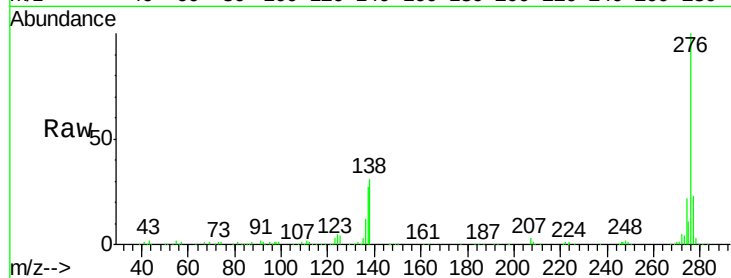
Acq: 22 Jul 2017 2:01

Instrument :

BNA_F

ClientSampleId :

PB100832BS



Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	30.8	25.4	38.0

