

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082017.D
 Acq On : 3 Oct 2015 11:30
 Operator : UM/IZ
 Sample : G3905-02MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

Quant Time: Oct 05 00:25:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	91557	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	372982	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	189052	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	377497	20.00	ng	-0.03
75) Chrysene-d12	14.08	240	343922	20.00	ng	-0.03
86) Perylene-d12	15.54	264	268867	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	722806	143.31	ng	-0.03
7) Phenol-d6	6.53	99	1031669	162.56	ng	-0.03
23) Nitrobenzene-d5	7.46	82	659263	117.82	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	276653	144.49	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1149974	107.14	ng	-0.05
78) Terphenyl-d14	13.02	244	1211847	134.92	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	99777	45.49	ng	87
3) Pyridine	3.26	79	179694	31.47	ng	86
4) n-Nitrosodimethylamine	3.22	42	123529	47.63	ng	95
6) Aniline	6.55	93	313004	36.71	ng	# 84
8) 2-Chlorophenol	6.67	128	320760	57.59	ng	98
9) Benzaldehyde	6.43	77	60813	14.63	ng	# 81
10) Phenol	6.54	94	431144	60.56	ng	73
11) bis(2-Chloroethyl)ether	6.63	93	314915	57.04	ng	97
12) 1,3-Dichlorobenzene	7.06	146	315047	47.89	ng	97
13) 1,4-Dichlorobenzene	7.06	146	322948	47.01	ng	96
14) 1,2-Dichlorobenzene	7.06	146	335334	54.78	ng	99
15) Benzyl Alcohol	7.03	79	237342	51.81	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.17	45	420112	53.83	ng	82
17) 2-Methylphenol	7.14	107	254380	56.33	ng	# 85
18) Hexachloroethane	7.39	117	111639	51.91	ng	91
19) n-Nitroso-di-n-propylamine	7.30	70	209204	54.24	ng	# 78
20) 3+4-Methylphenols	7.30	107	315999	55.40	ng	# 61
22) Acetophenone	7.30	105	403993	52.98	ng	# 77
24) Nitrobenzene	7.47	77	294711	48.51	ng	# 67
25) Isophorone	7.71	82	586052	52.84	ng	# 90
26) 2-Nitrophenol	7.79	139	179553	61.57	ng	# 75
27) 2,4-Dimethylphenol	7.83	122	279321	54.44	ng	# 81
28) bis(2-Chloroethoxy)methane	7.93	93	390230	59.25	ng	# 94
29) 2,4-Dichlorophenol	8.03	162	303598	61.03	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	292976	52.75	ng	98
31) Naphthalene	8.19	128	854392	51.70	ng	97
32) Benzoic acid	7.91	122	49122	20.90	ng	# 73
33) 4-Chloroaniline	8.25	127	204430	28.61	ng	# 95
34) Hexachlorobutadiene	8.31	225	167000	50.84	ng	97
35) Caprolactam	8.63	113	47864	34.75	ng	# 77
36) 4-Chloro-3-methylphenol	8.73	107	285426	58.67	ng	# 83
37) 2-Methylnaphthalene	8.89	142	648751	57.51	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	286463	49.36	ng	100
40) Hexachlorocyclopentadiene	9.04	237	326335	109.19	ng	95

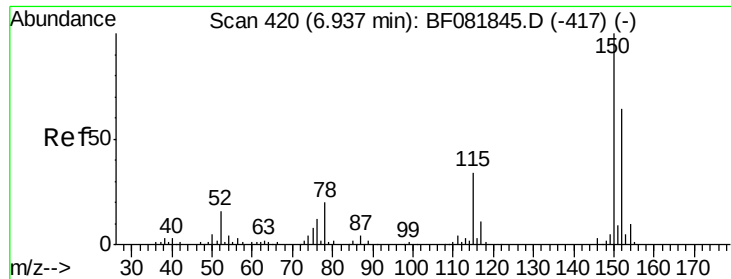
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	199005	50.01	ng	98
43) 2,4,5-Trichlorophenol	9.21	196	238395	58.26	ng #	95
45) 1,1'-Biphenyl	9.36	154	812938	55.74	ng	95
46) 2-Chloronaphthalene	9.38	162	608600	53.14	ng	94
47) 2-Nitroaniline	9.49	65	193813	57.65	ng	85
48) Acenaphthylene	9.81	152	943258	51.46	ng	98
49) Dimethylphthalate	9.67	163	975769	74.77	ng #	98
50) 2,6-Dinitrotoluene	9.73	165	150323	53.06	ng #	55
51) Acenaphthene	9.98	154	646244	59.37	ng	90
52) 3-Nitroaniline	9.90	138	129807	39.60	ng #	67
53) 2,4-Dinitrophenol	10.00	184	117682	83.04	ng #	42
54) Dibenzofuran	10.15	168	875448	56.91	ng	92
55) 4-Nitrophenol	10.07	139	257014	108.52	ng #	74
56) 2,4-Dinitrotoluene	10.14	165	224219	62.08	ng #	95
57) Fluorene	10.49	166	691188	63.71	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	201038	61.94	ng	94
59) Diethylphthalate	10.37	149	655416	53.77	ng	98
60) 4-Chlorophenyl-phenylether	10.48	204	314084	55.77	ng #	88
61) 4-Nitroaniline	10.53	138	175531	53.41	ng #	52
62) Azobenzene	10.64	77	674275	56.68	ng	92
64) 4,6-Dinitro-2-methylphenol	10.54	198	101811	56.94	ng	88
65) n-Nitrosodiphenylamine	10.61	169	591990	51.83	ng	92
66) 4-Bromophenyl-phenylether	10.97	248	211576	55.59	ng	97
67) Hexachlorobenzene	11.03	284	203492	47.37	ng #	79
68) Atrazine	11.13	200	182912	51.61	ng	84
69) Pentachlorophenol	11.23	266	263820	107.79	ng	99
70) Phenanthrene	11.45	178	926399	51.23	ng	95
71) Anthracene	11.51	178	1097064	57.18	ng	97
72) Carbazole	11.67	167	959045	55.23	ng	97
73) Di-n-butylphthalate	11.99	149	1017179	57.90	ng #	97
74) Fluoranthene	12.64	202	1007018	49.80	ng	91
76) Benzidine	12.78	184	85031	8.21	ng	98
77) Pyrene	12.87	202	1046220	50.92	ng	96
79) Butylbenzylphthalate	13.50	149	486656	62.95	ng	93
80) Benzo(a)anthracene	14.07	228	998880	53.94	ng	95
81) 3,3'-Dichlorobenzidine	14.04	252	266742	42.65	ng #	94
82) Chrysene	14.07	228	998880	Below Cal		97
83) Bis(2-ethylhexyl)phthalate	14.06	149	626781	64.63	ng #	94
84) Di-n-octyl phthalate	14.68	149	1096507	69.48	ng #	92
85) Indeno(1,2,3-cd)pyrene	17.00	276	783381	54.07	ng #	87
87) Benzo(b)fluoranthene	15.14	252	1672287	108.94	ng #	87
88) Benzo(k)fluoranthene	15.14	252	1674194	119.00	ng #	88
89) Benzo(a)pyrene	15.48	252	773732	58.11	ng #	87
90) Dibenzo(a,h)anthracene	17.02	278	653874	58.53	ng #	79
91) Benzo(g,h,i)perylene	17.44	276	637046	55.64	ng #	76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

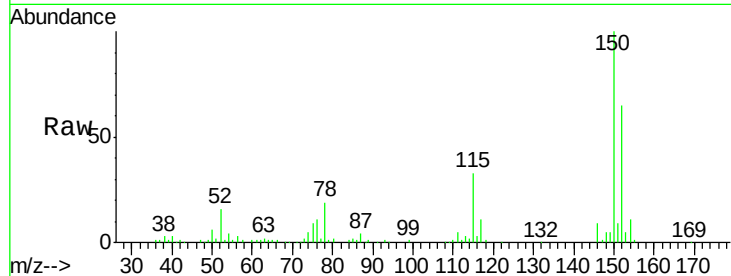
Tgt Ion:152 Resp: 91557

Ion Ratio Lower Upper

152 100

150 154.9 124.7 187.1

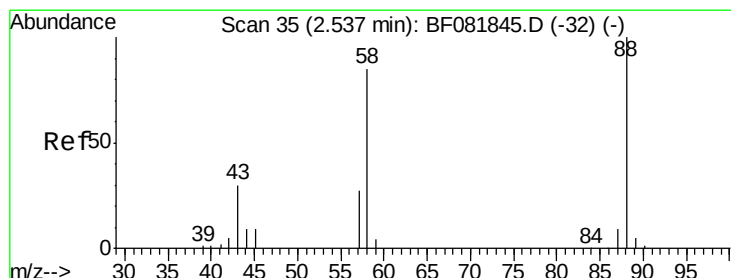
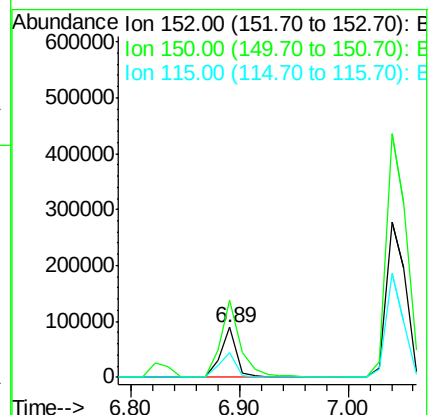
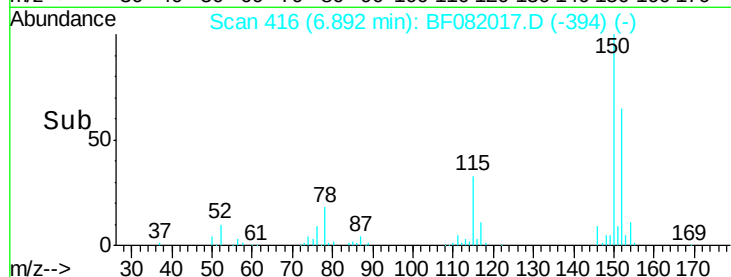
115 50.7 39.0 58.4



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: 45.49 ng

RT: 2.53 min Scan# 34

Delta R.T. -0.01 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

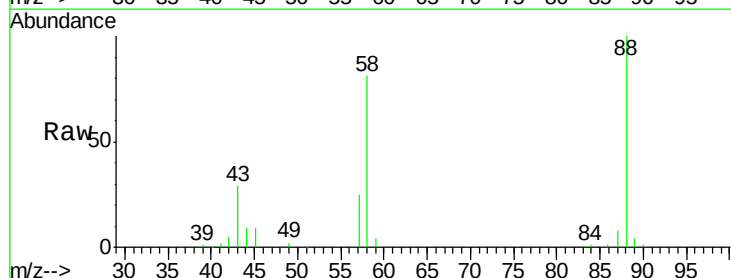
Tgt Ion: 88 Resp: 99777

Ion Ratio Lower Upper

88 100

58 83.4 77.7 116.5

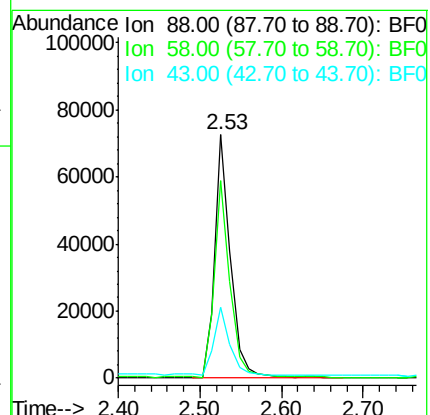
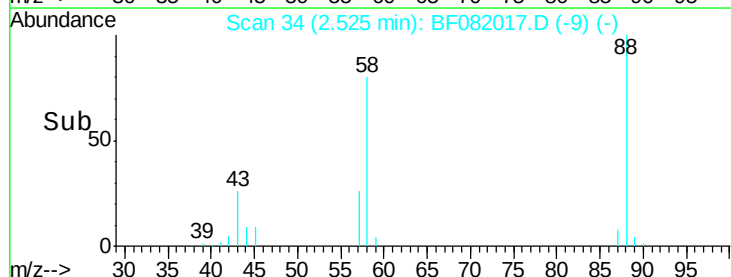
43 27.9 26.6 40.0

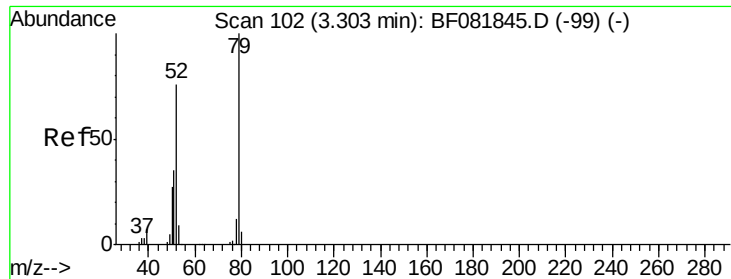


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

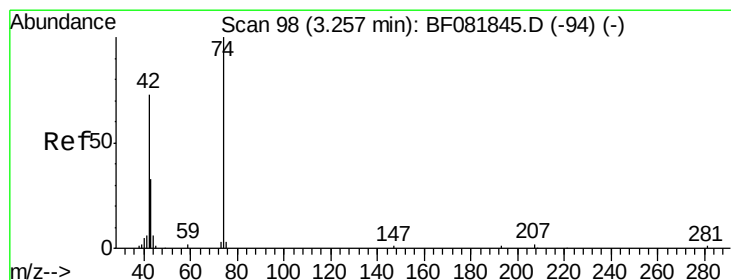
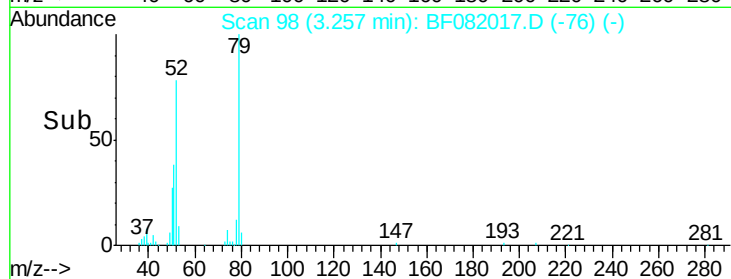
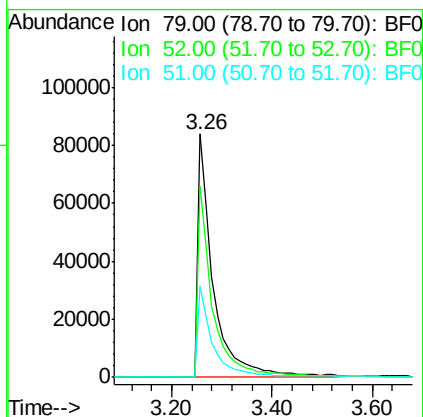
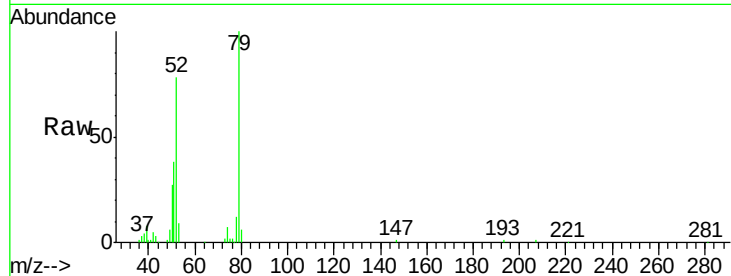




#3
 Pyridine
 Concen: 31.47 ng
 RT: 3.26 min Scan# 98
 Delta R.T. -0.05 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

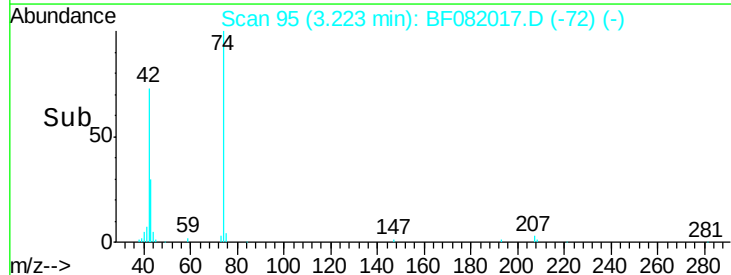
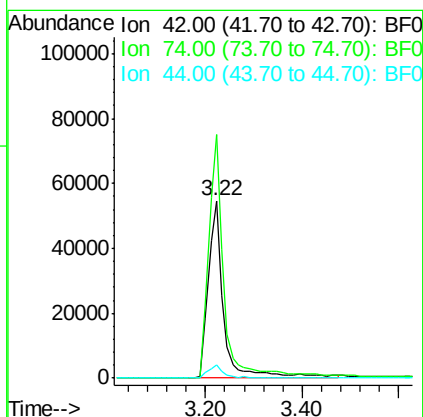
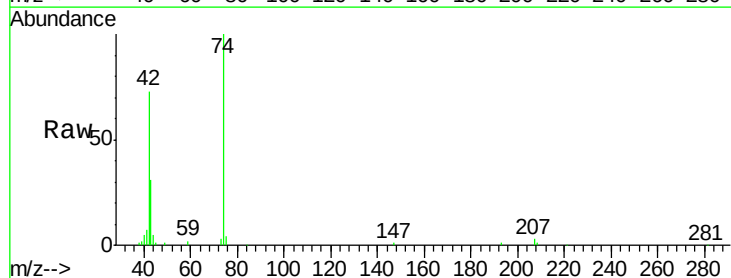
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

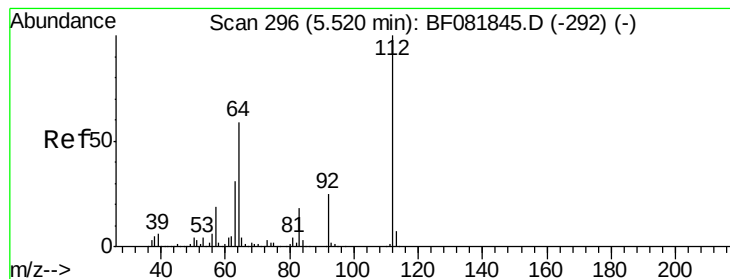
Tgt Ion: 79 Resp: 179694
 Ion Ratio Lower Upper
 79 100
 52 78.4 76.8 115.2
 51 37.8 32.2 48.4



#4
 n-Nitrosodimethylamine
 Concen: 47.63 ng
 RT: 3.22 min Scan# 95
 Delta R.T. -0.03 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

Tgt Ion: 42 Resp: 123529
 Ion Ratio Lower Upper
 42 100
 74 137.3 105.0 157.6
 44 7.4 6.6 10.0





#5

2-Fluorophenol

Concen: 143.31 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

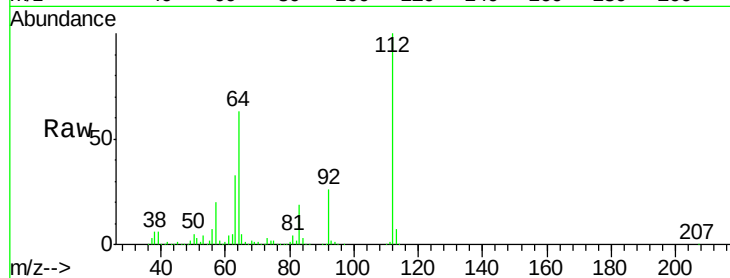
Tgt Ion: 112 Resp: 722806

Ion Ratio Lower Upper

112 100

64 62.7 39.7 59.5#

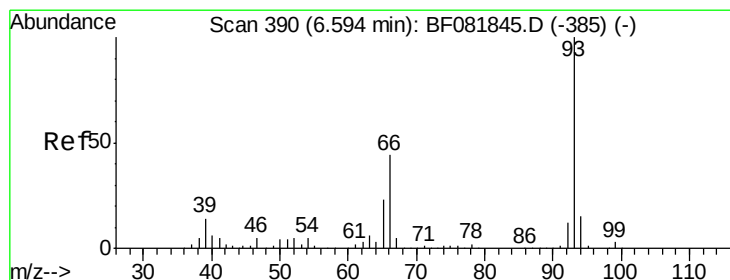
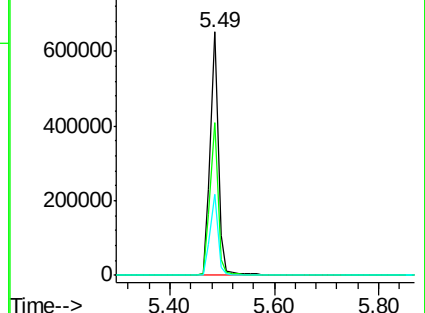
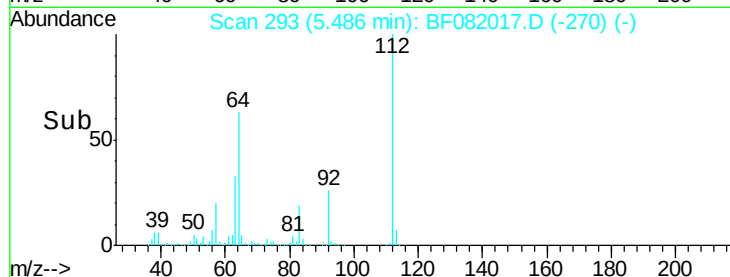
63 33.4 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.71 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

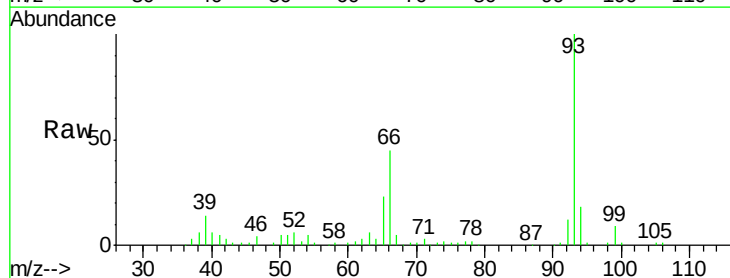
Tgt Ion: 93 Resp: 313004

Ion Ratio Lower Upper

93 100

66 44.6 27.2 40.8#

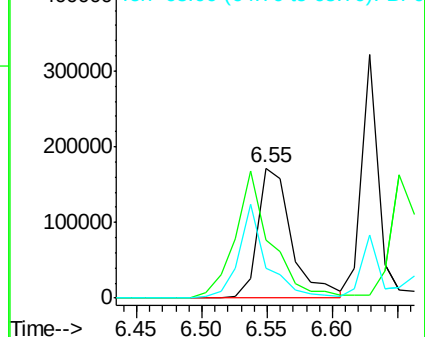
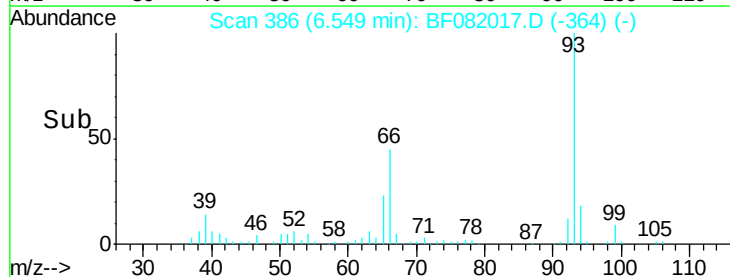
65 23.2 14.7 22.1#

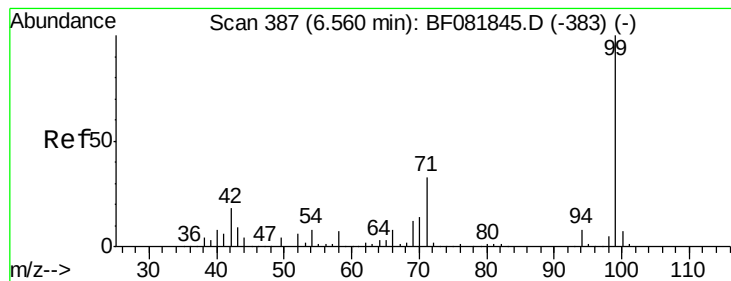


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 162.56 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

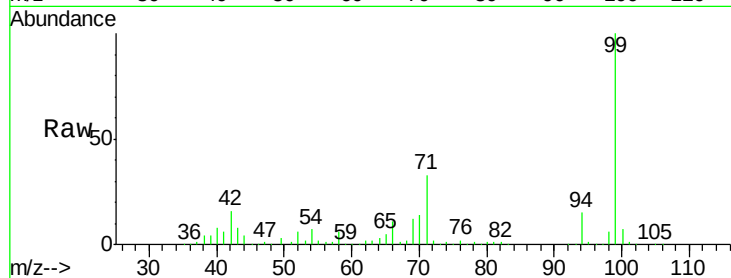
Tgt Ion: 99 Resp: 1031669

Ion Ratio Lower Upper

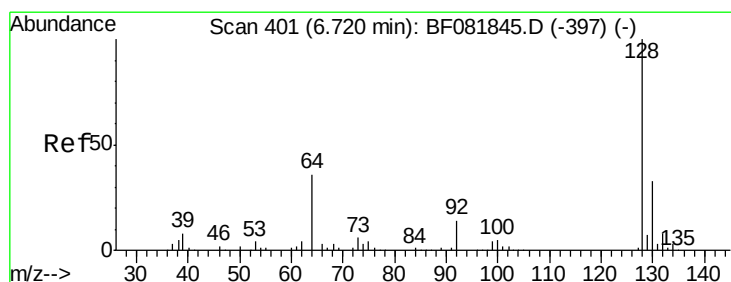
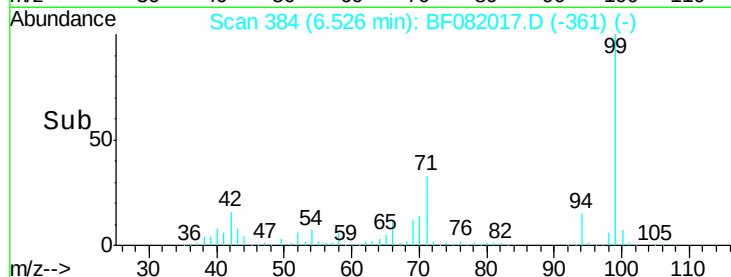
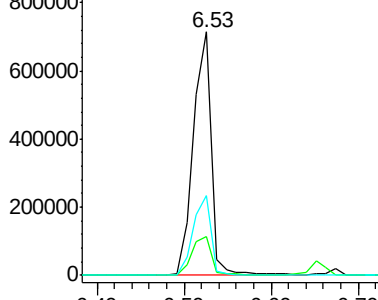
99 100

42 16.2 13.7 20.5

71 32.6 14.2 21.2#



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: 57.59 ng

RT: 6.67 min Scan# 397

Delta R.T. -0.05 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

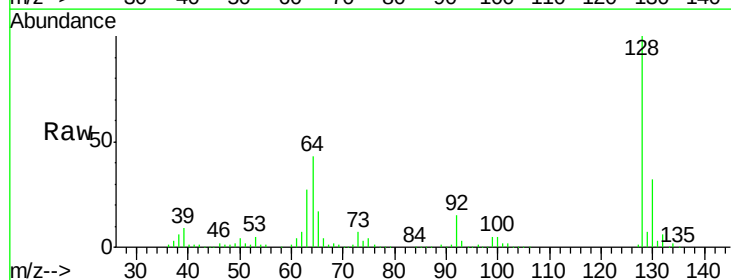
Tgt Ion: 128 Resp: 320760

Ion Ratio Lower Upper

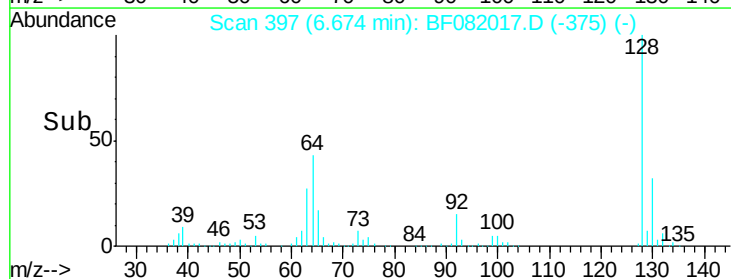
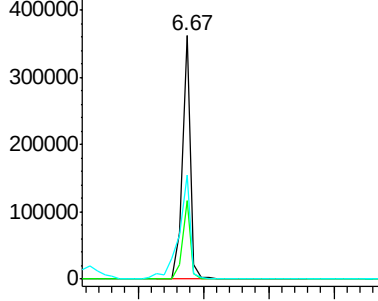
128 100

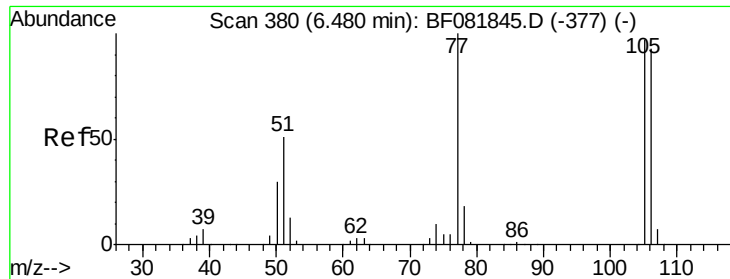
130 32.4 12.2 52.2

64 43.0 20.5 60.5



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: 14.63 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

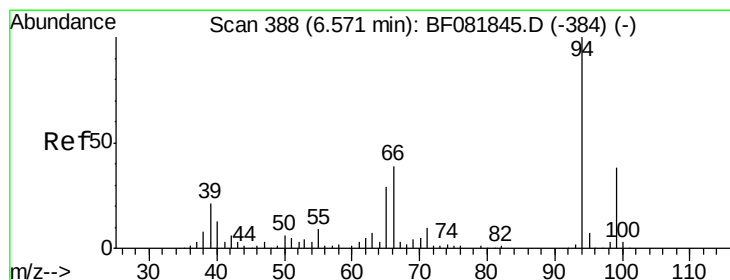
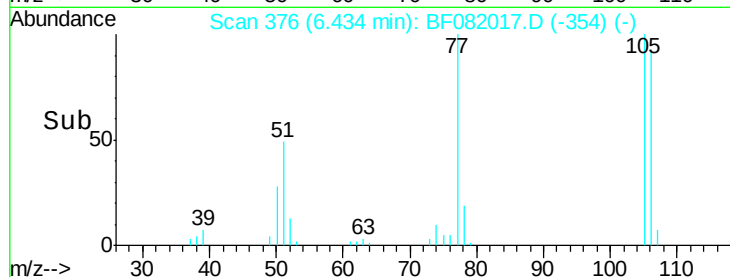
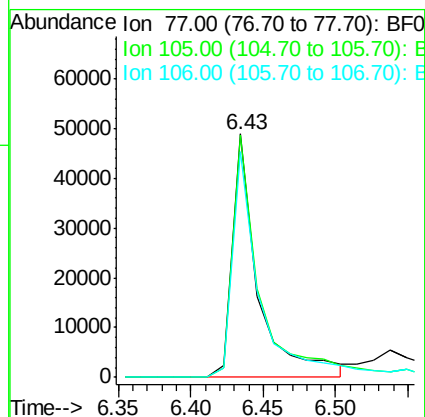
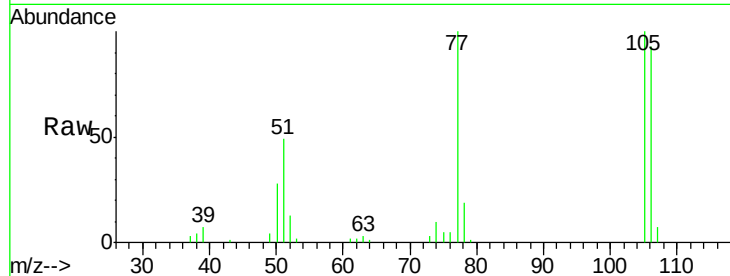
Tgt Ion: 77 Resp: 60813

Ion Ratio Lower Upper

77 100

105 99.6 91.6 131.6

106 92.7 102.6 142.6#



#10

Phenol

Concen: 60.56 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

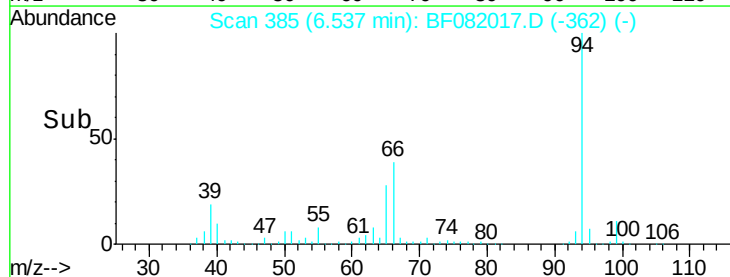
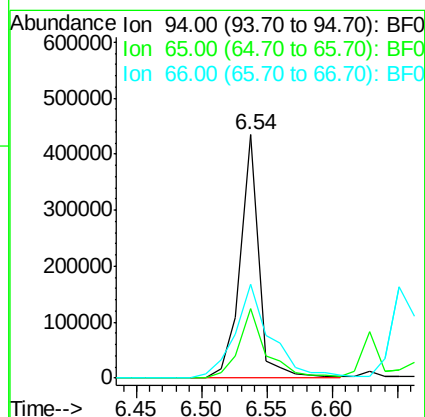
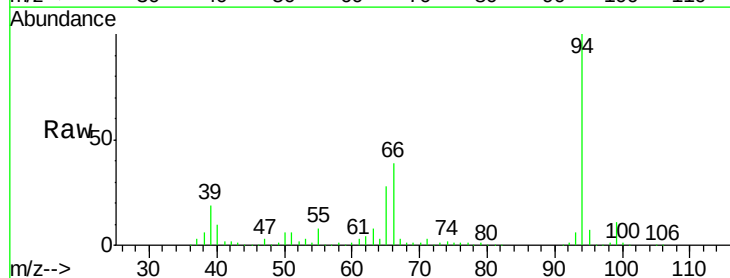
Tgt Ion: 94 Resp: 431144

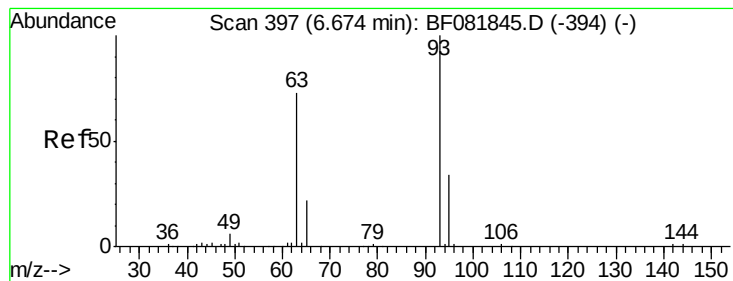
Ion Ratio Lower Upper

94 100

65 28.3 0.7 40.7

66 38.6 0.8 40.8





#11

bis(2-Chloroethyl)ether

Concen: 57.04 ng

RT: 6.63 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

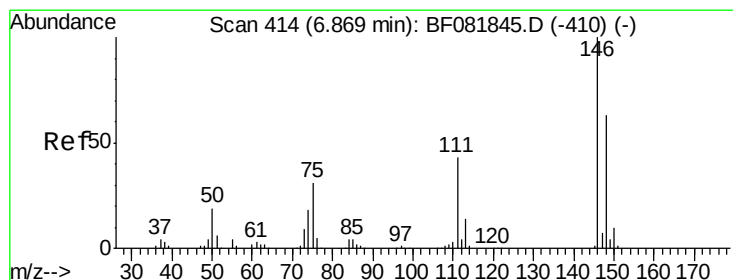
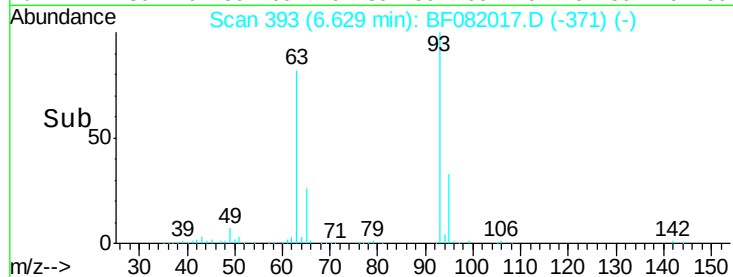
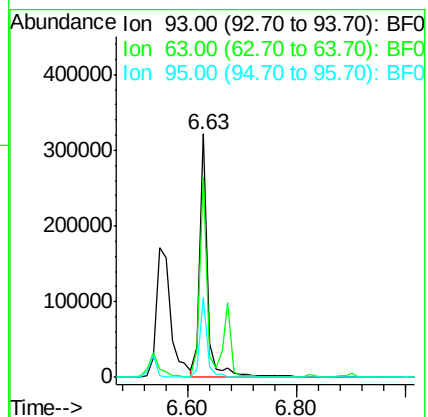
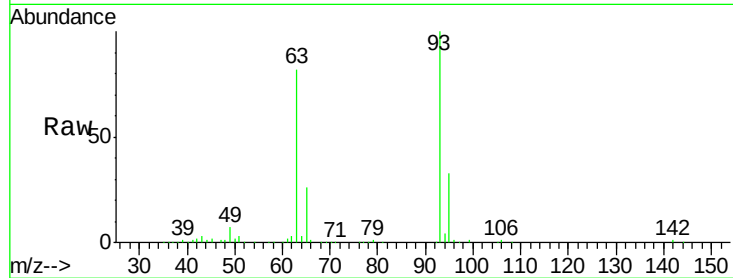
Tgt Ion: 93 Resp: 314915

Ion Ratio Lower Upper

93 100

63 82.0 65.6 105.6

95 32.7 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 47.89 ng

RT: 7.06 min Scan# 431

Delta R.T. 0.19 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

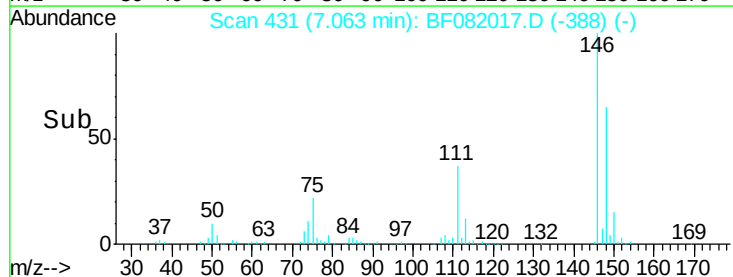
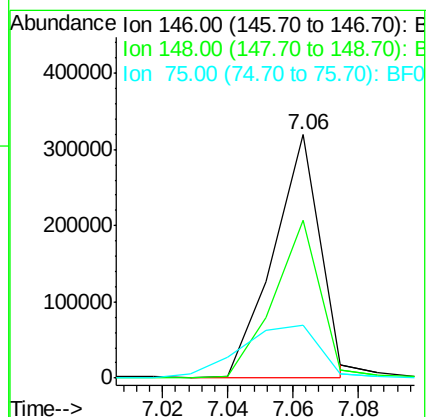
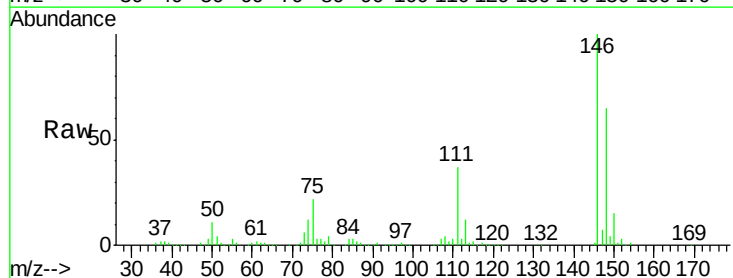
Tgt Ion: 146 Resp: 315047

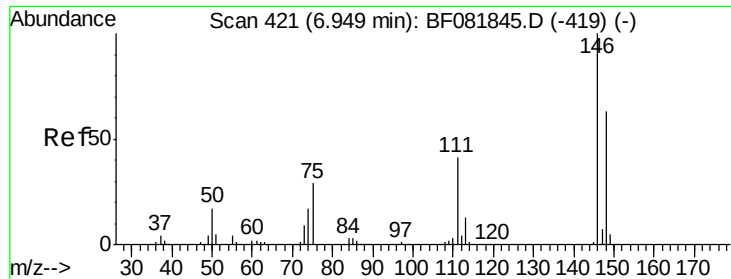
Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.4

75 21.8 15.0 22.6

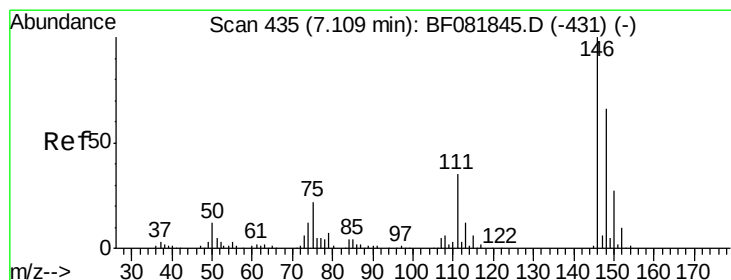
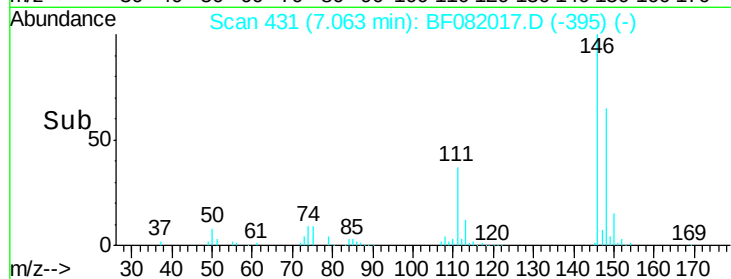
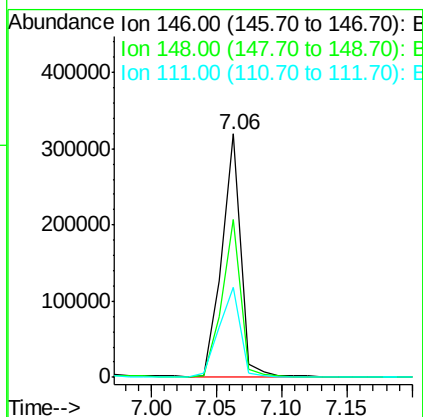
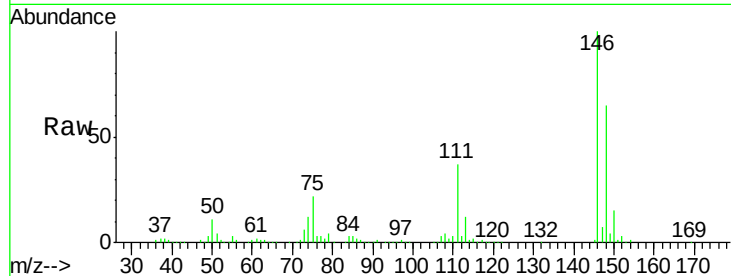




#13
 1,4-Dichlorobenzene
 Concen: 47.01 ng
 RT: 7.06 min Scan# 431
 Delta R.T. 0.11 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

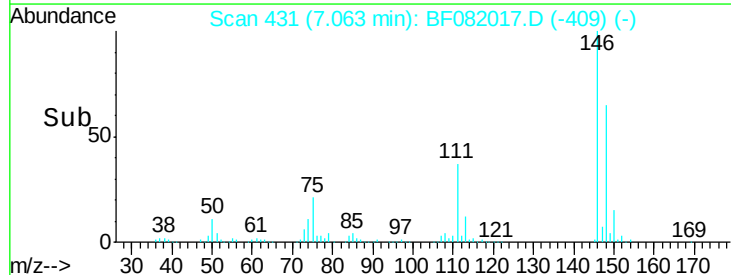
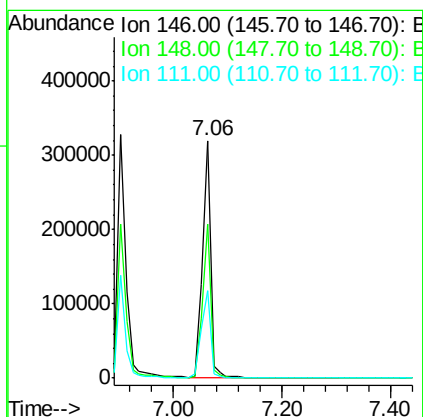
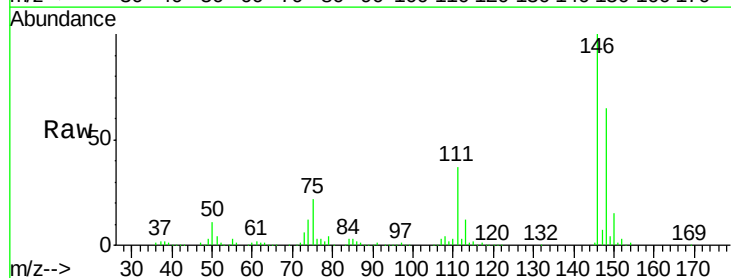
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

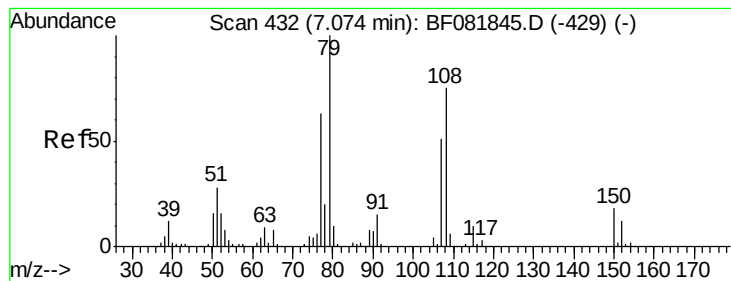
Tgt Ion:146 Resp: 322948
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.8 77.6
 111 37.0 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 54.78 ng
 RT: 7.06 min Scan# 431
 Delta R.T. -0.05 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

Tgt Ion:146 Resp: 335334
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.7 79.1
 111 37.0 28.8 43.2





#15

Benzyl Alcohol

Concen: 51.81 ng

RT: 7.03 min Scan# 428

Delta R.T. -0.05 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

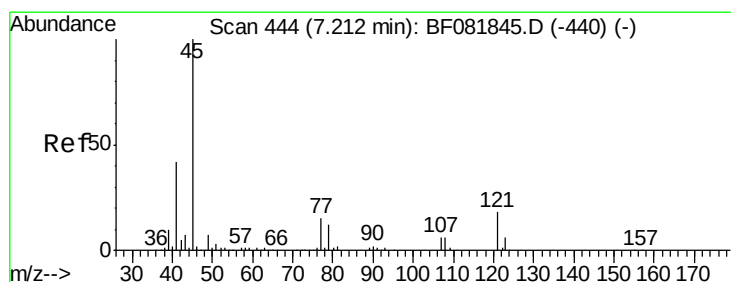
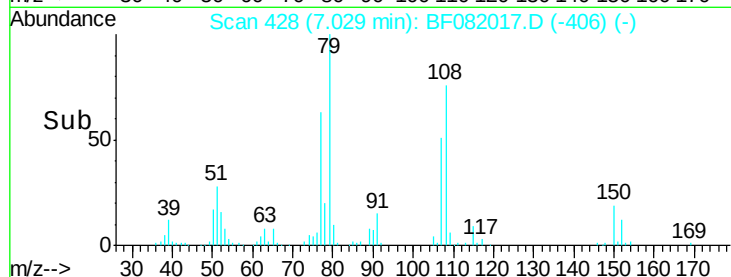
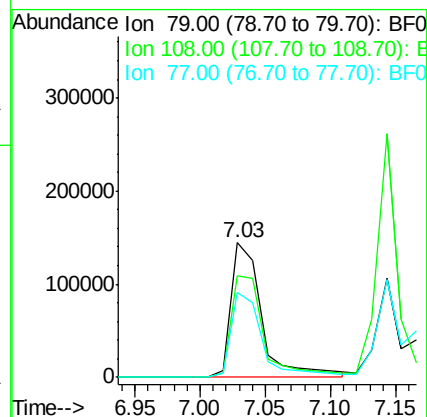
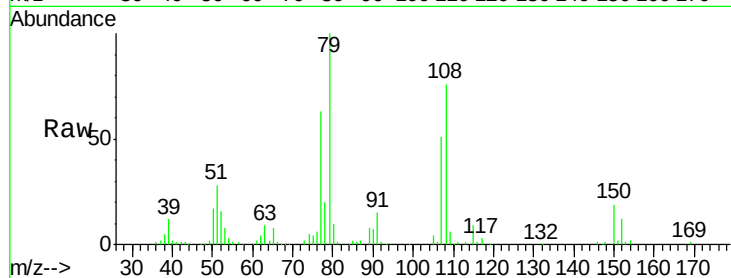
Tgt Ion: 79 Resp: 237342

Ion Ratio Lower Upper

79 100

108 75.8 88.6 132.8#

77 62.9 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 53.83 ng

RT: 7.17 min Scan# 440

Delta R.T. -0.05 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

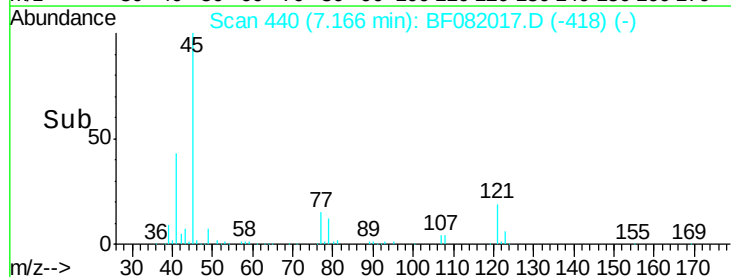
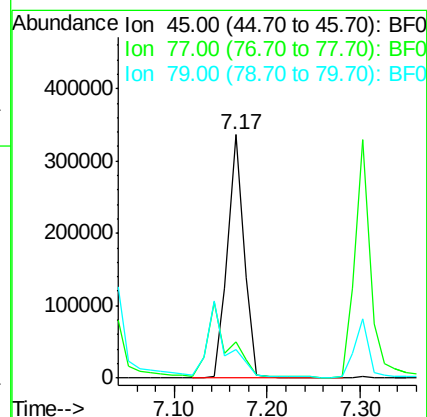
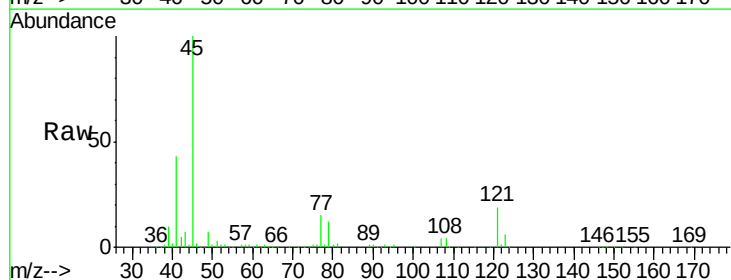
Tgt Ion: 45 Resp: 420112

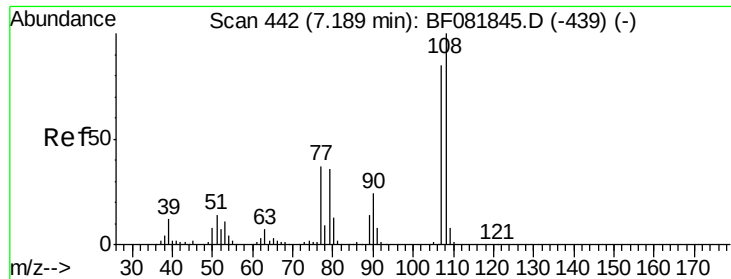
Ion Ratio Lower Upper

45 100

77 15.0 0.0 28.1

79 11.8 0.0 26.0

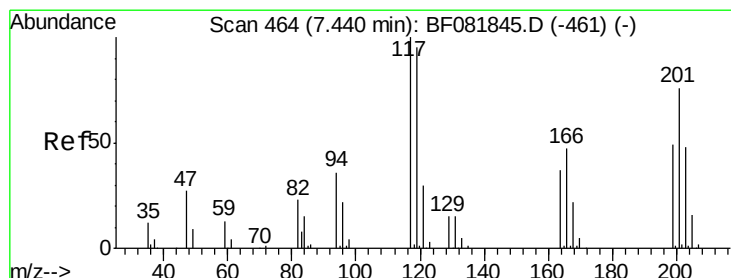
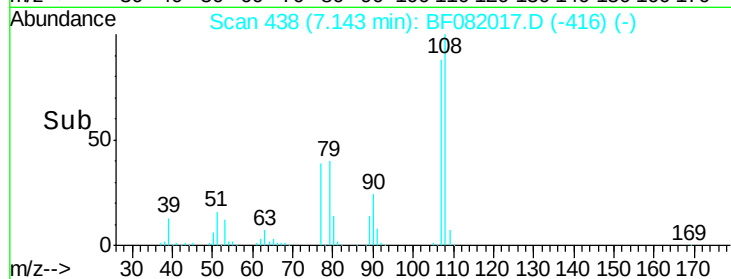
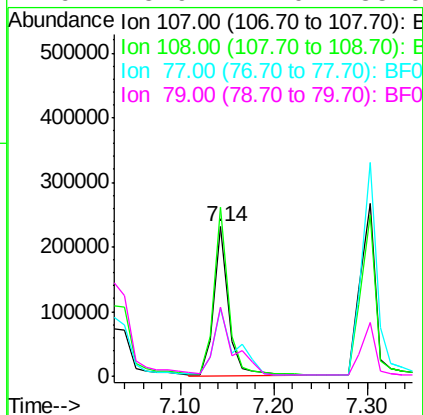
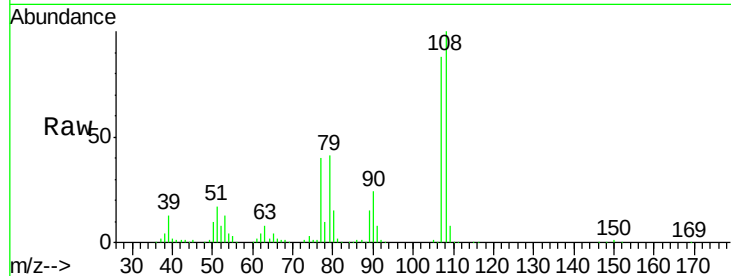




#17
2-Methylphenol
Concen: 56.33 ng
RT: 7.14 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF082017.D
Acq: 3 Oct 2015 11:30

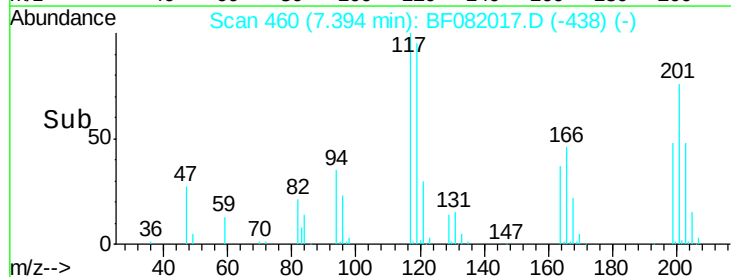
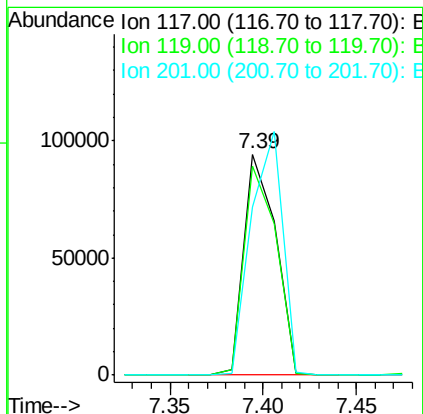
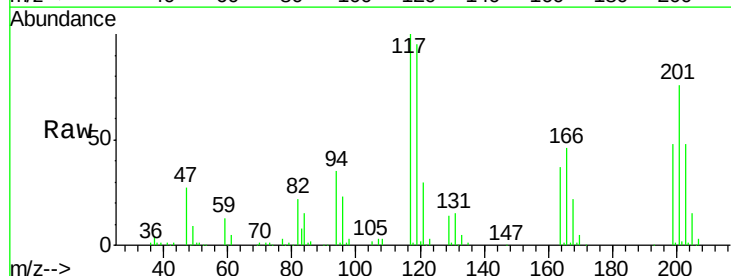
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MS

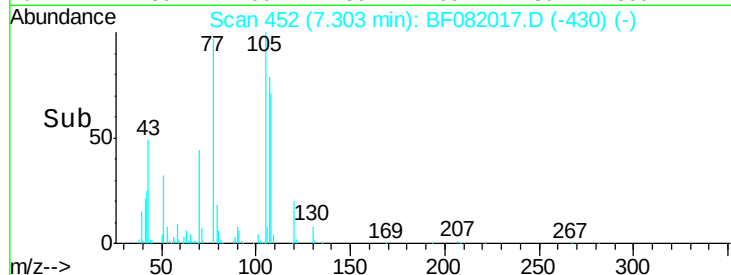
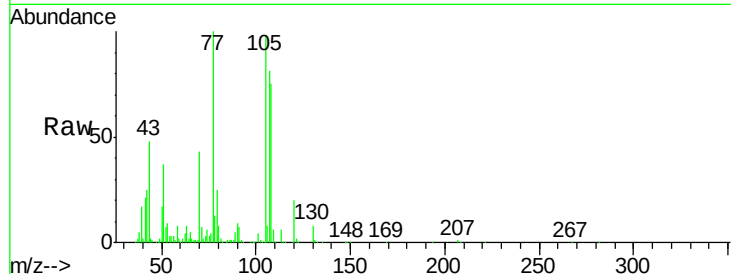
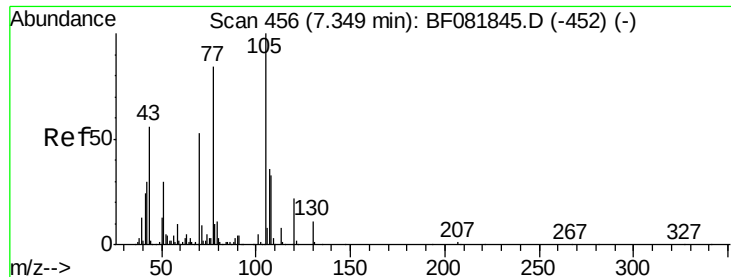
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.3	96.6	145.0
77	45.2	23.3	34.9#
79	45.9	22.0	33.0#



#18
Hexachloroethane
Concen: 51.91 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.05 min
Lab File: BF082017.D
Acq: 3 Oct 2015 11:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	83.8	125.6
201	76.2	55.1	82.7

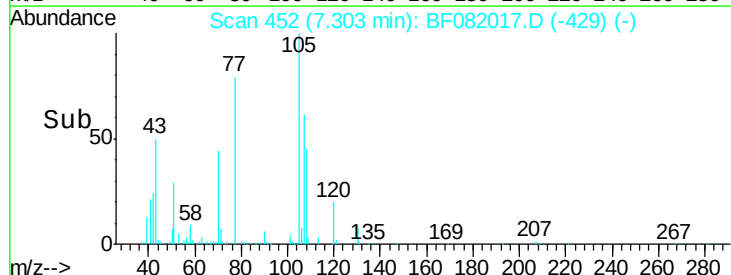
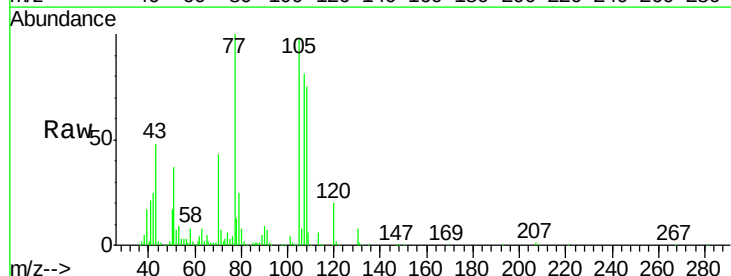
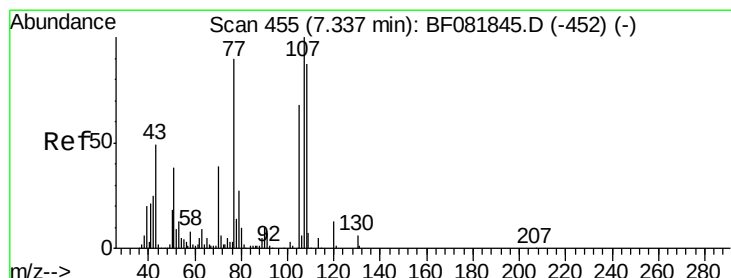
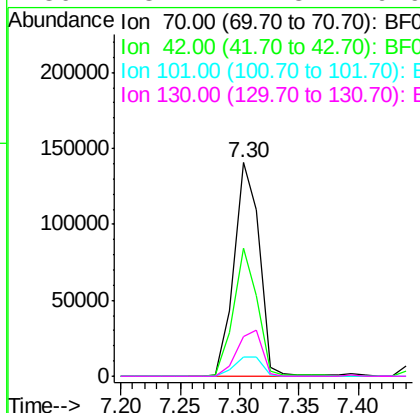




#19
n-Nitroso-di-n-propylamine
Concen: 54.24 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF082017.D
Acq: 3 Oct 2015 11:30

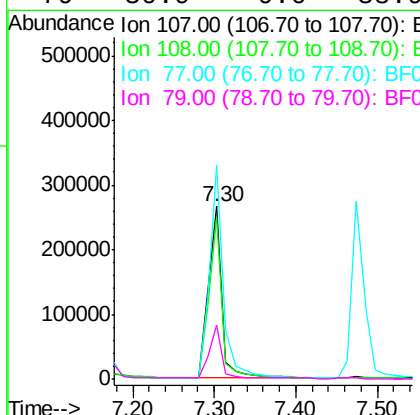
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MS

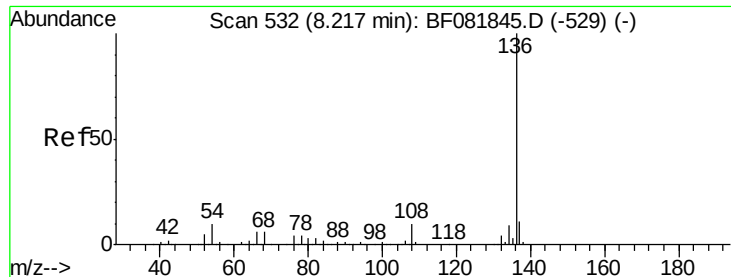
Tgt Ion:	70	Resp:	209204
Ion	Ratio	Lower	Upper
70	100		
42	59.7	63.8	95.6#
101	9.0	9.2	13.8#
130	18.4	27.3	40.9#



#20
3+4-Methylphenols
Concen: 55.40 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF082017.D
Acq: 3 Oct 2015 11:30

Tgt Ion:	107	Resp:	315999
Ion	Ratio	Lower	Upper
107	100		
108	93.5	74.6	114.6
77	124.0	0.7	40.7#
79	30.9	0.0	38.9

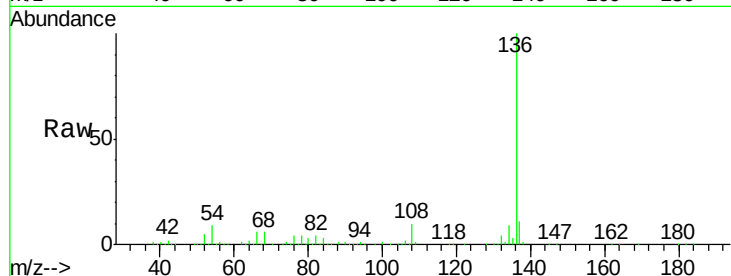




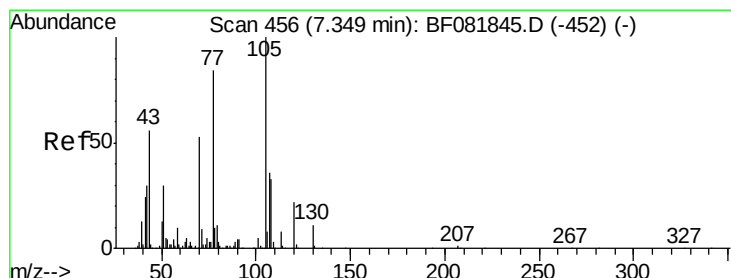
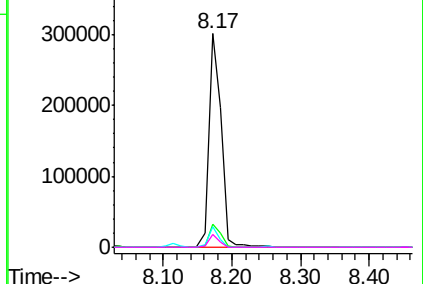
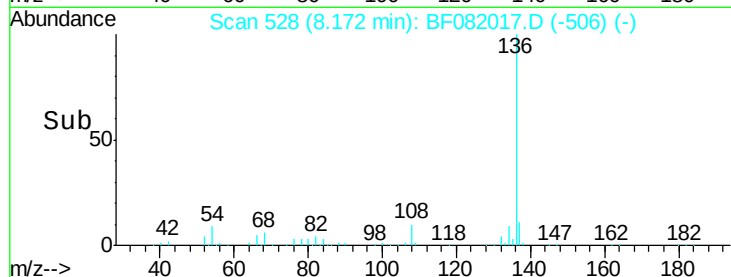
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082017.D
Acq: 3 Oct 2015 11:30

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MS

Tgt Ion:	136	Resp:	372982
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.5	8.2	12.2
68	6.1	5.8	8.6

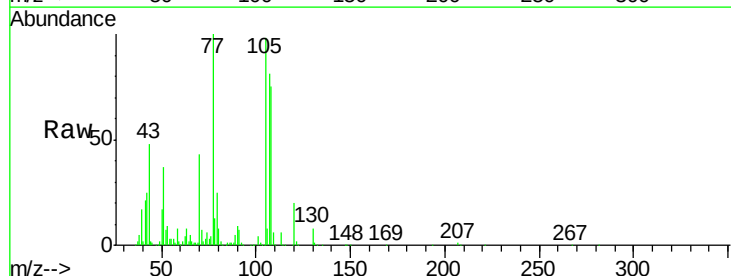


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

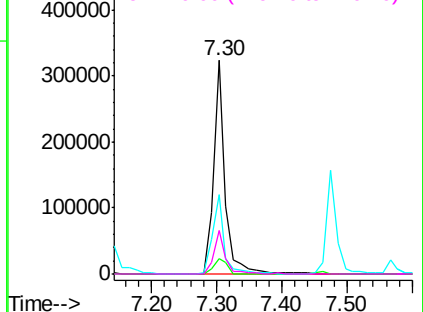
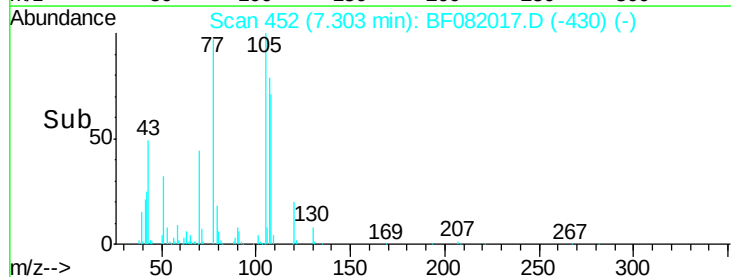


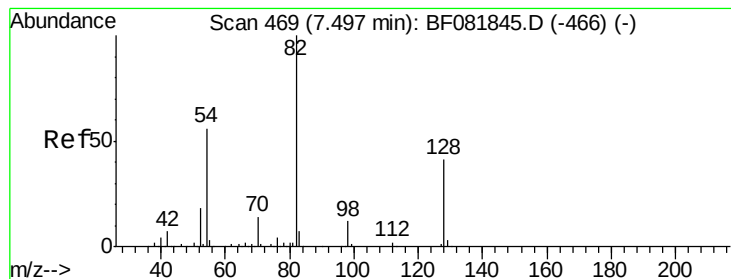
#22
Acetophenone
Concen: 52.98 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF082017.D
Acq: 3 Oct 2015 11:30

Tgt Ion:	105	Resp:	403993
Ion	Ratio	Lower	Upper
105	100		
71	7.2	4.7	7.1#
51	37.3	22.0	33.0#
120	20.2	30.1	45.1#



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: 117.82 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

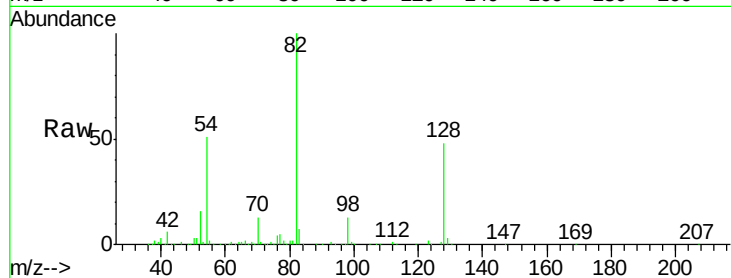
Tgt Ion: 82 Resp: 659263

Ion Ratio Lower Upper

82 100

128 47.7 51.0 76.6#

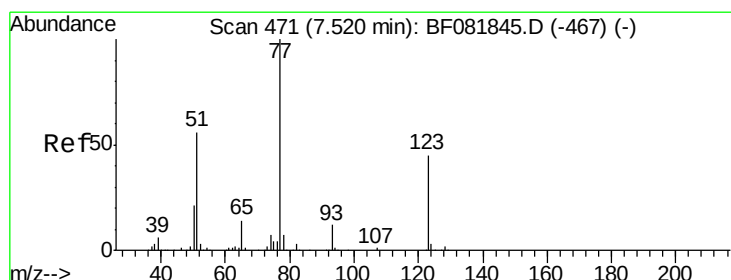
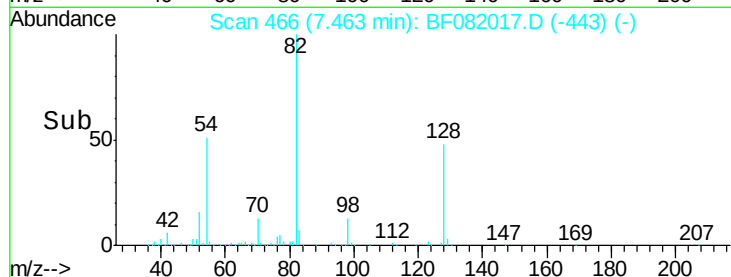
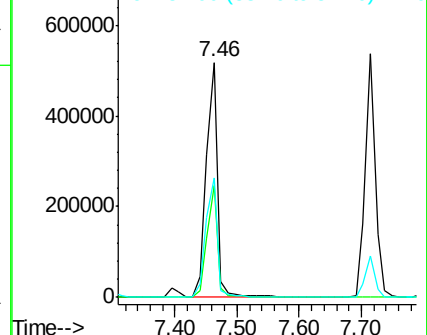
54 50.8 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 48.51 ng

RT: 7.47 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

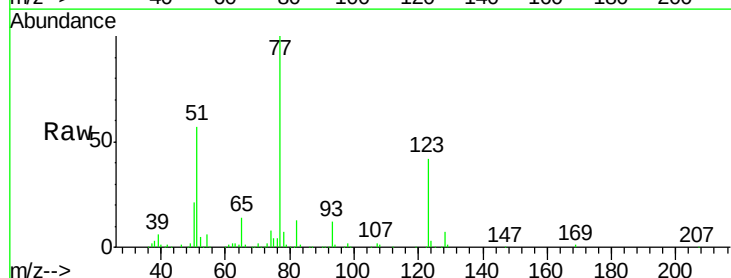
Tgt Ion: 77 Resp: 294711

Ion Ratio Lower Upper

77 100

123 42.2 59.8 89.8#

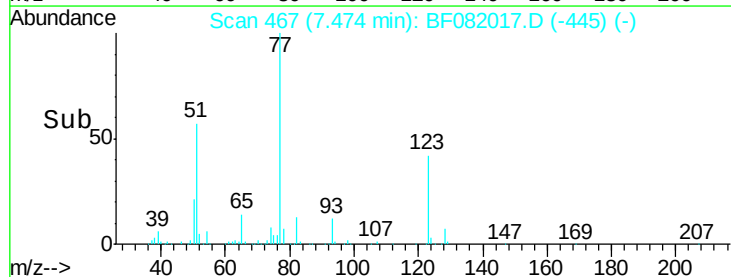
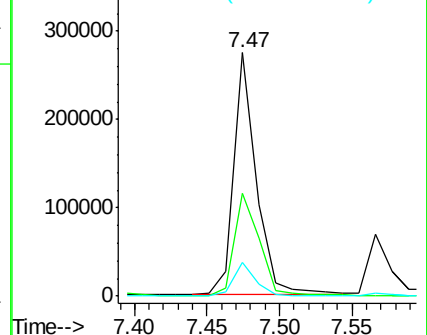
65 14.0 10.2 15.4

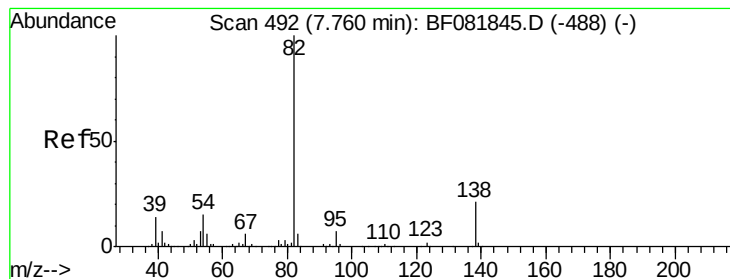


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 52.84 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.05 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

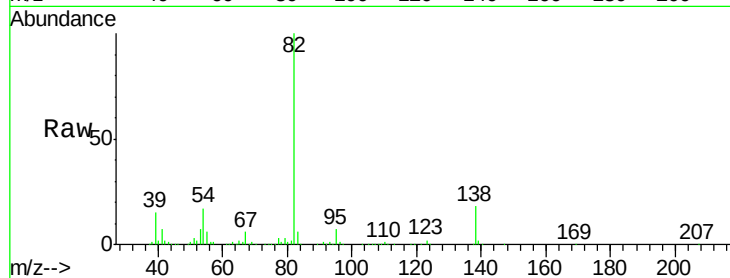
Tgt Ion: 82 Resp: 586052

Ion Ratio Lower Upper

82 100

95 7.1 4.0 6.0#

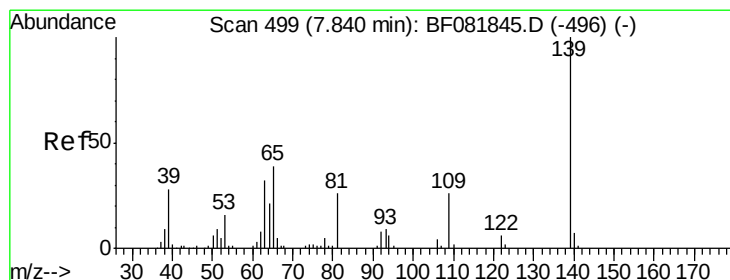
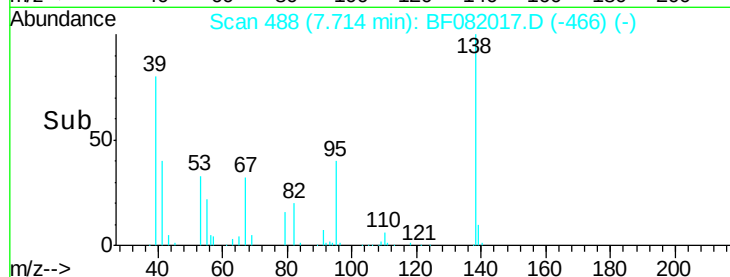
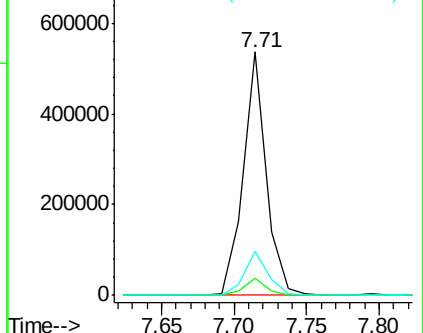
138 17.9 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 61.57 ng

RT: 7.79 min Scan# 495

Delta R.T. -0.05 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

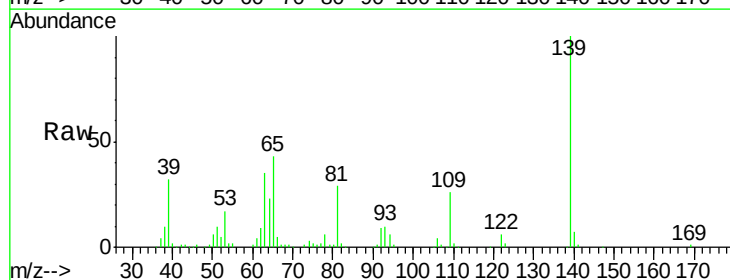
Tgt Ion: 139 Resp: 179553

Ion Ratio Lower Upper

139 100

109 26.1 11.0 16.4#

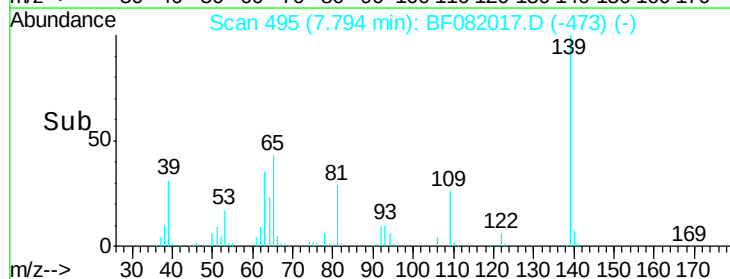
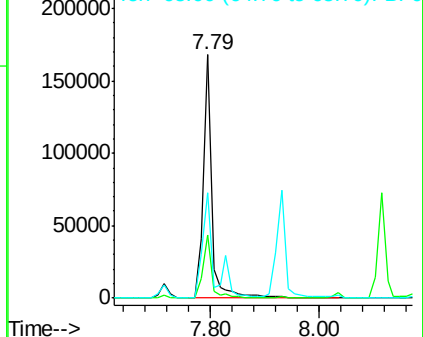
65 43.3 24.7 37.1#

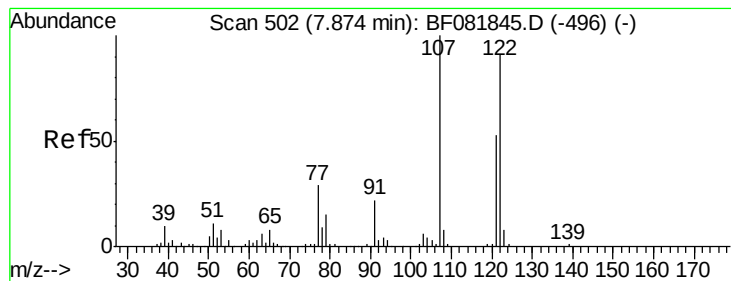


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

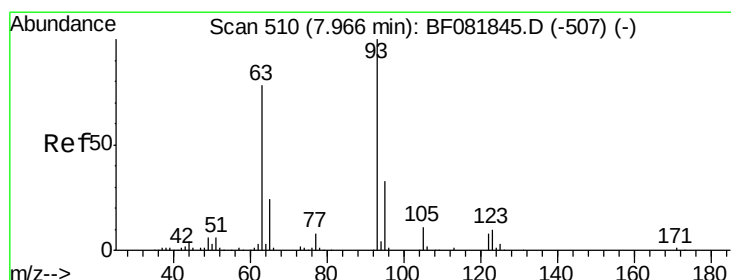
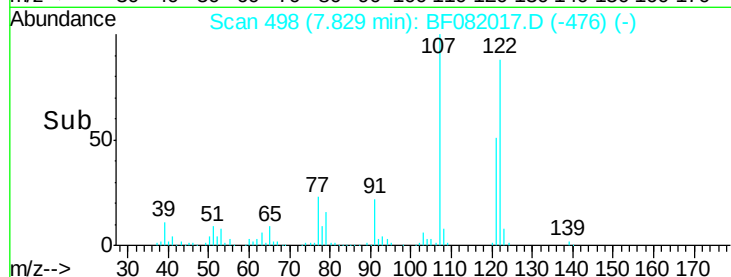
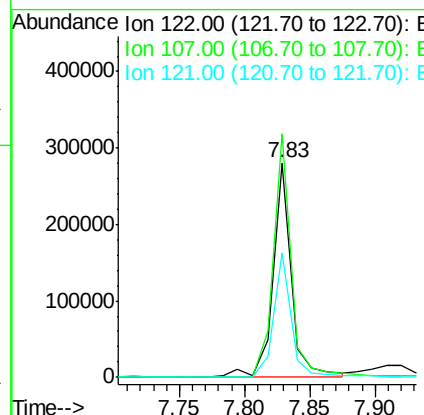
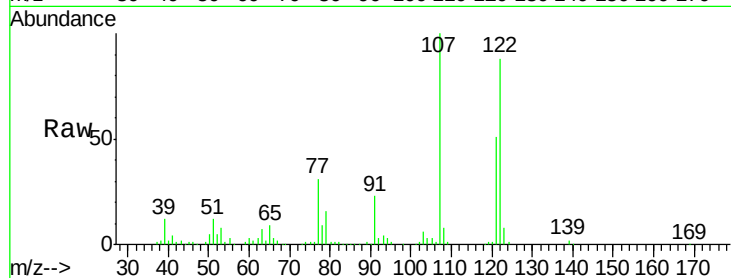




#27
 2,4-Dimethylphenol
 Concen: 54.44 ng
 RT: 7.83 min Scan# 498
 Delta R.T. -0.05 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

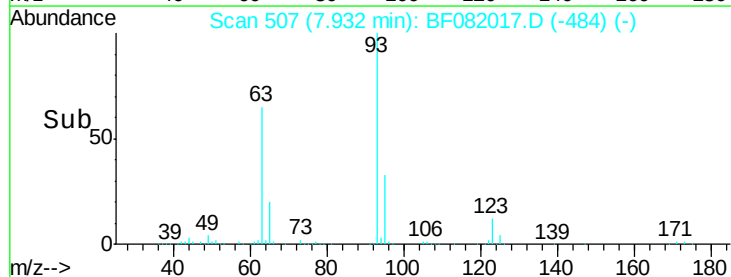
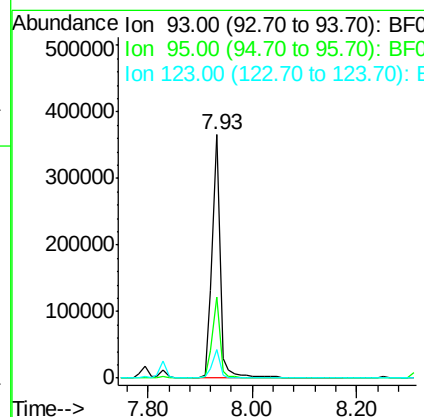
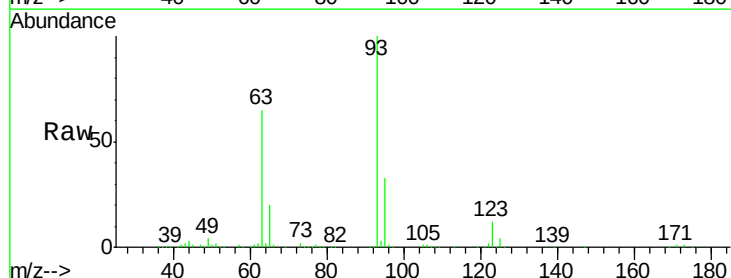
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

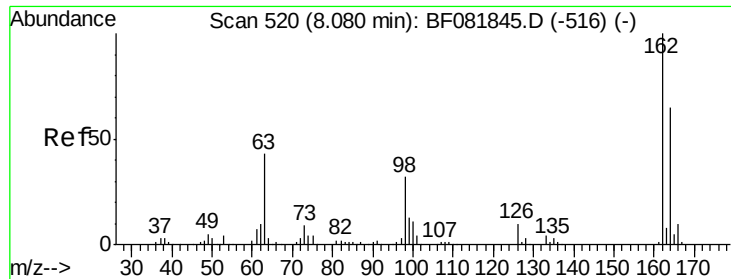
Tgt Ion: 122 Resp: 279321
 Ion Ratio Lower Upper
 122 100
 107 113.6 71.8 107.6#
 121 58.0 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 59.25 ng
 RT: 7.93 min Scan# 507
 Delta R.T. -0.03 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

Tgt Ion: 93 Resp: 390230
 Ion Ratio Lower Upper
 93 100
 95 33.0 27.5 41.3
 123 11.7 13.7 20.5#

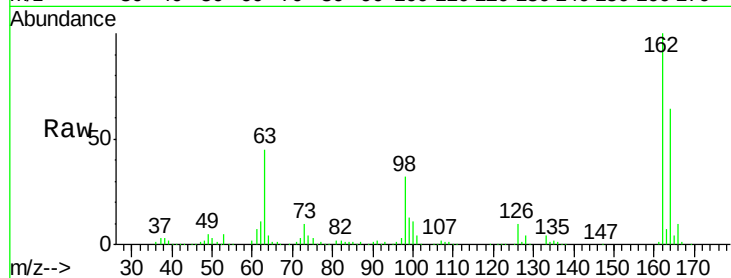




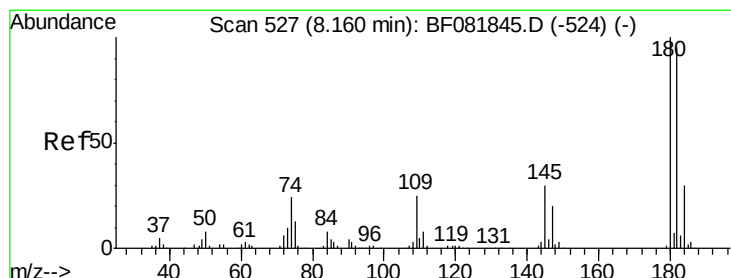
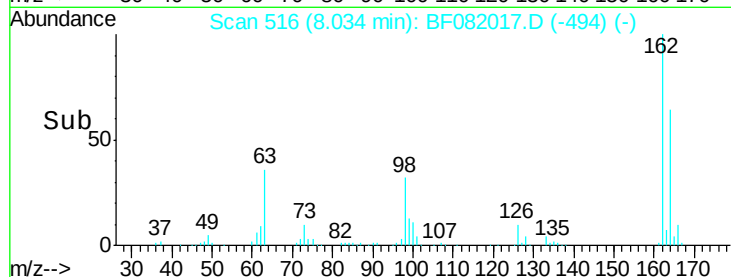
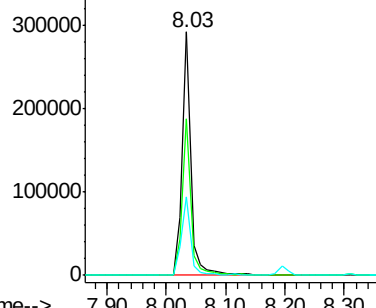
#29
 2,4-Dichlorophenol
 Concen: 61.03 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.05 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.9	84.9
98	32.3	13.0	53.0

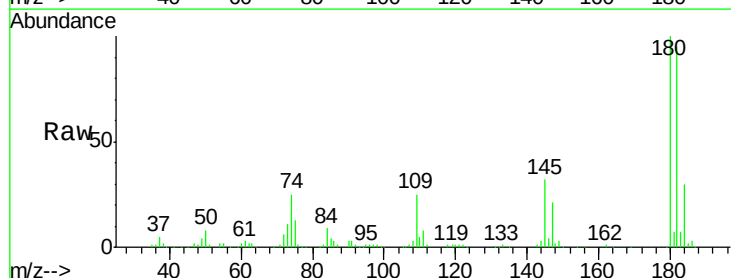


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

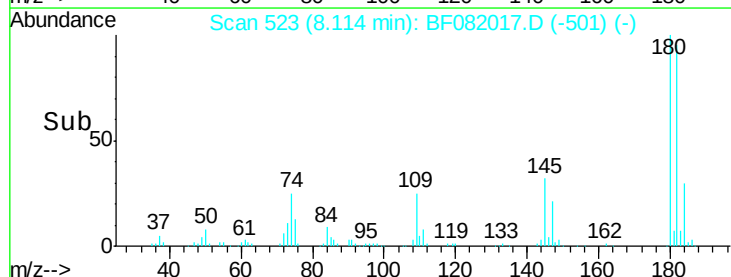
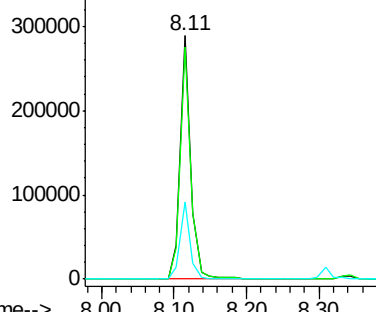


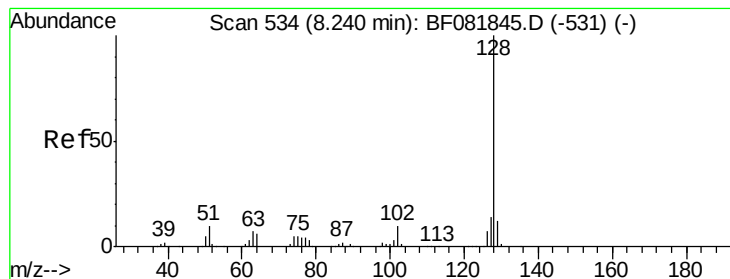
#30
 1,2,4-Trichlorobenzene
 Concen: 52.75 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.05 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.1	115.7
145	31.6	23.3	34.9



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





#31

Naphthalene

Concen: 51.70 ng

RT: 8.19 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

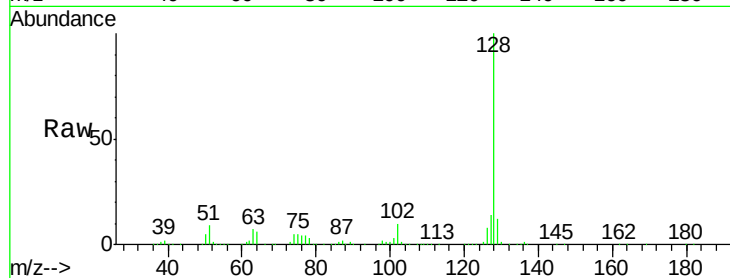
Tgt Ion:128 Resp: 854392

Ion Ratio Lower Upper

128 100

129 11.7 8.4 12.6

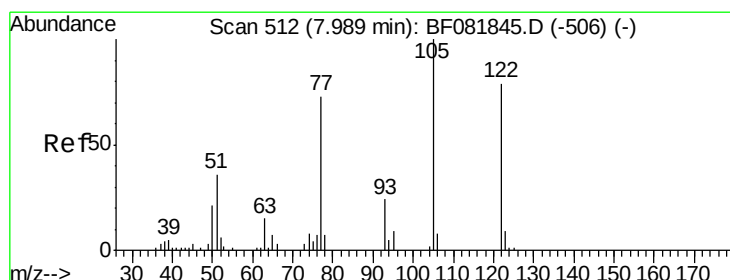
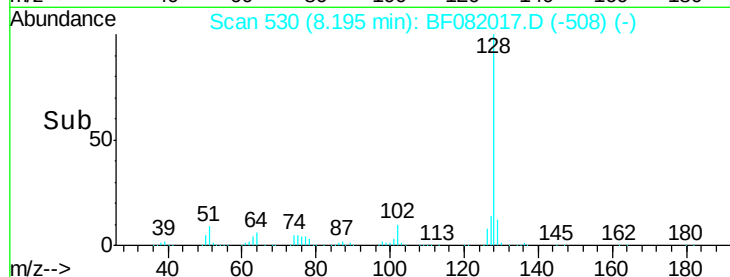
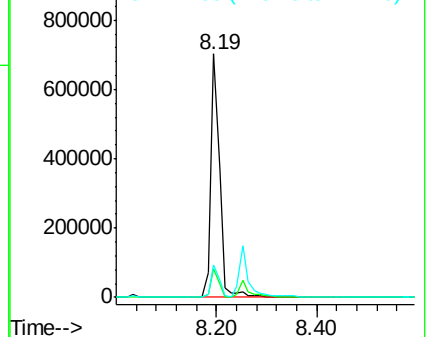
127 13.5 9.9 14.9



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: 20.90 ng

RT: 7.91 min Scan# 505

Delta R.T. -0.08 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

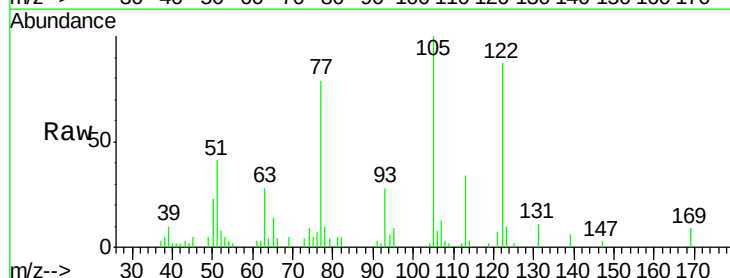
Tgt Ion:122 Resp: 49122

Ion Ratio Lower Upper

122 100

105 114.7 76.1 116.1

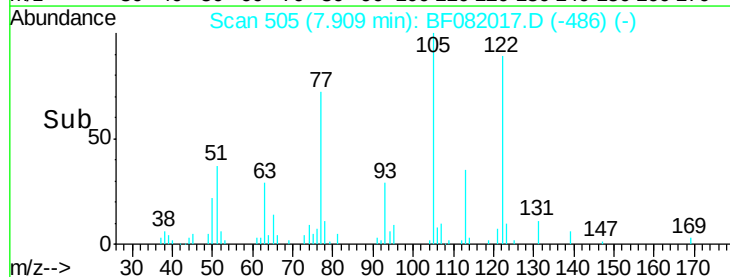
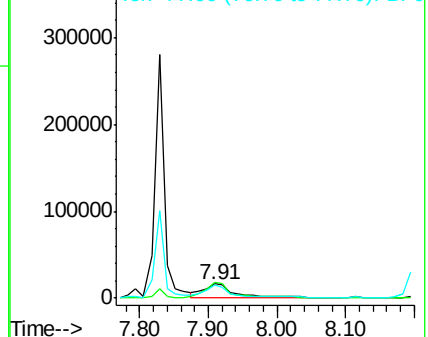
77 91.2 40.5 80.5#

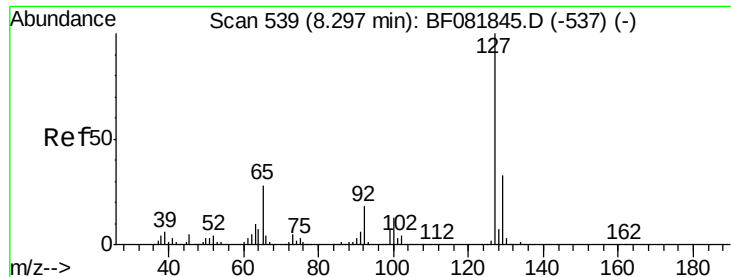


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

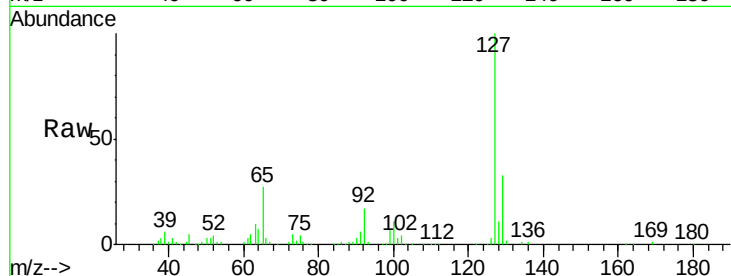




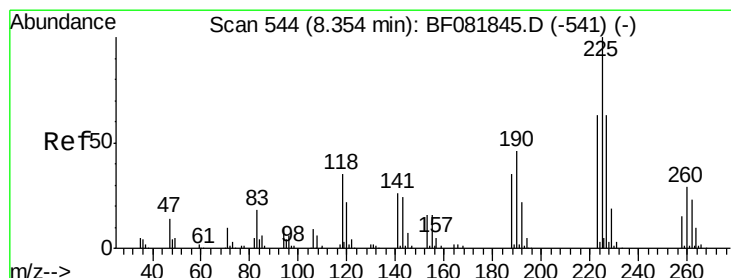
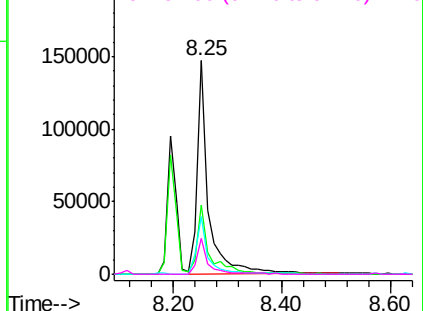
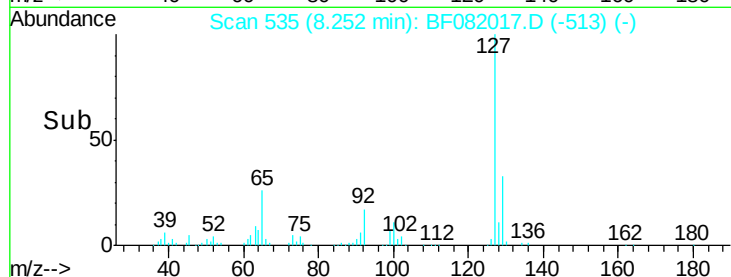
#33
4-Chloroaniline
Concen: 28.61 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.05 min
Lab File: BF082017.D
Acq: 3 Oct 2015 11:30

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MS

Tgt Ion:127 Resp: 204430
Ion Ratio Lower Upper
127 100
129 32.6 25.8 38.6
65 27.0 17.9 26.9#
92 17.0 10.5 15.7#

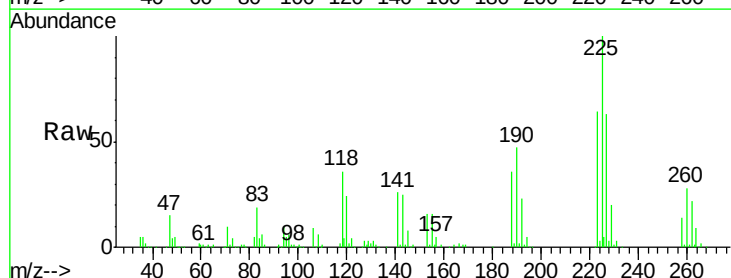


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

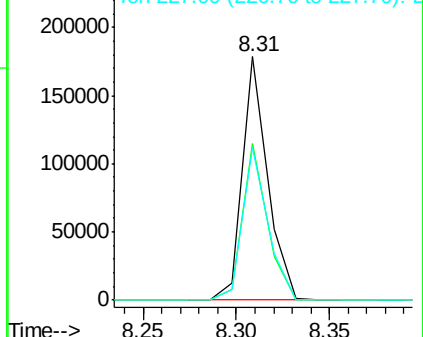
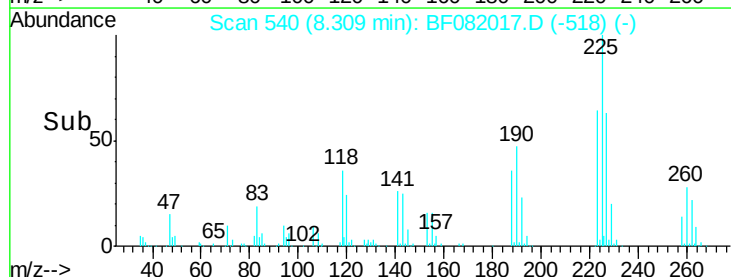


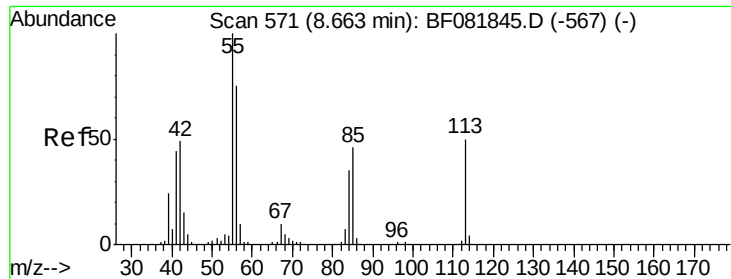
#34
Hexachlorobutadiene
Concen: 50.84 ng
RT: 8.31 min Scan# 540
Delta R.T. -0.05 min
Lab File: BF082017.D
Acq: 3 Oct 2015 11:30

Tgt Ion:225 Resp: 167000
Ion Ratio Lower Upper
225 100
223 64.4 50.2 75.2
227 62.9 52.2 78.2



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

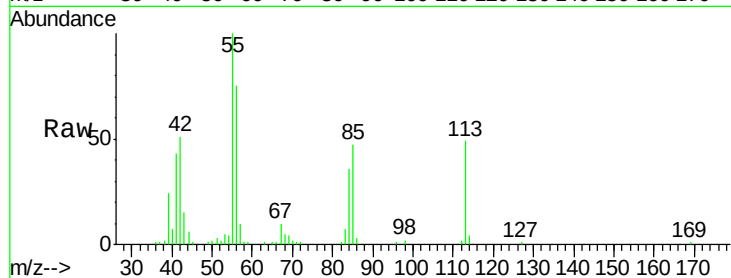




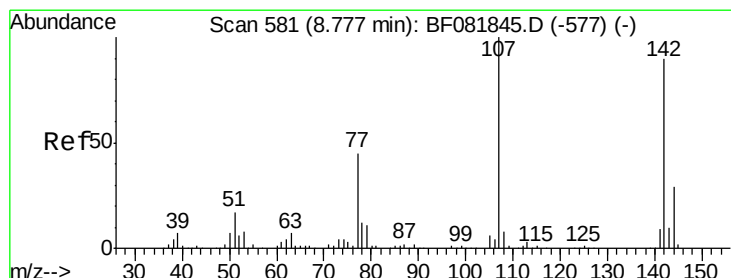
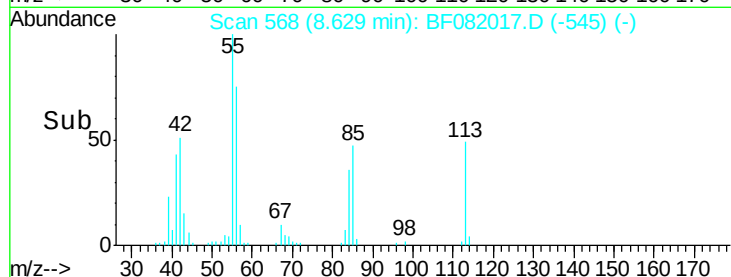
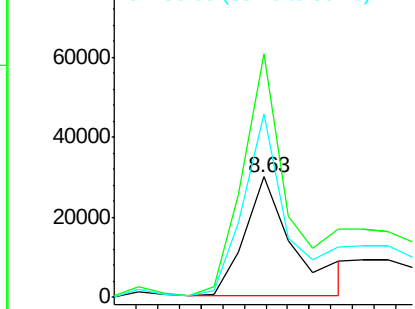
#35
 Caprolactam
 Concen: 34.75 ng
 RT: 8.63 min Scan# 568
 Delta R.T. -0.03 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

Tgt Ion:113 Resp: 47864
 Ion Ratio Lower Upper
 113 100
 55 202.4 152.4 192.4#
 56 152.1 104.6 144.6#

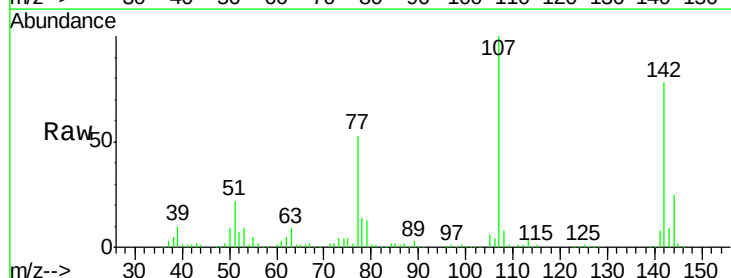


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

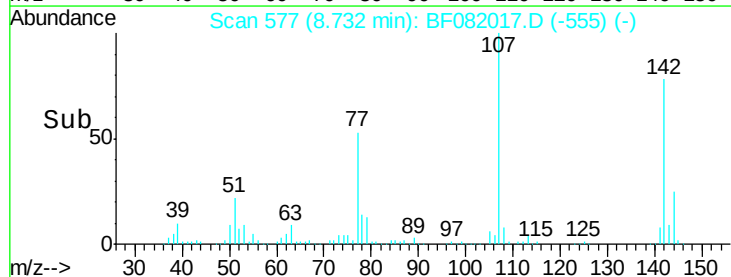
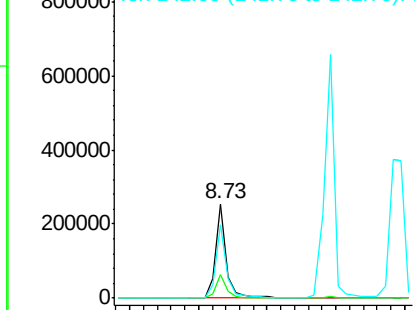


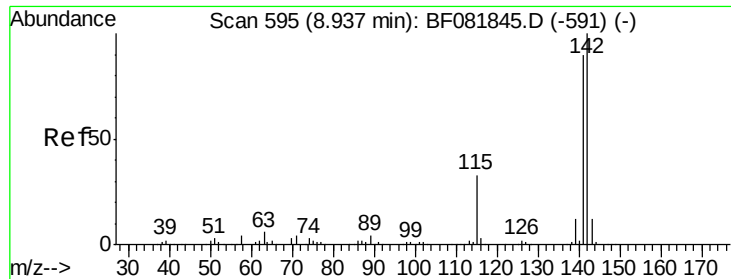
#36
 4-Chloro-3-methylphenol
 Concen: 58.67 ng
 RT: 8.73 min Scan# 577
 Delta R.T. -0.05 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

Tgt Ion:107 Resp: 285426
 Ion Ratio Lower Upper
 107 100
 144 25.1 25.4 38.0#
 142 78.0 77.3 115.9



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 57.51 ng

RT: 8.89 min Scan# 591

Delta R.T. -0.05 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

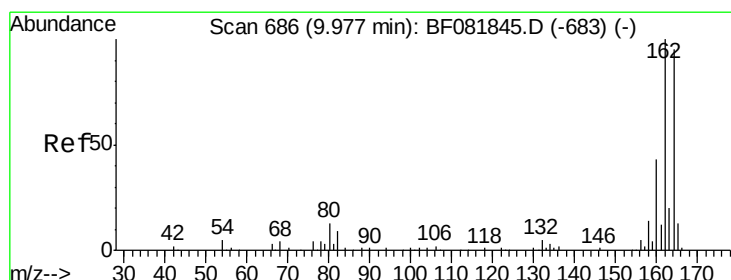
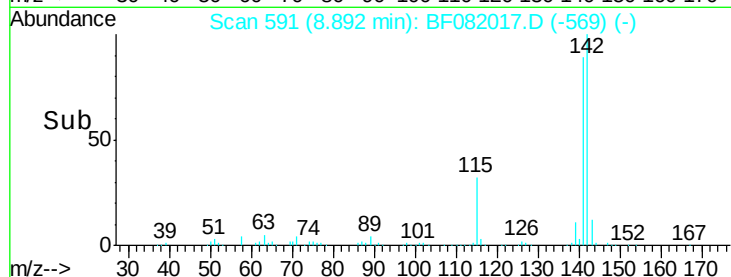
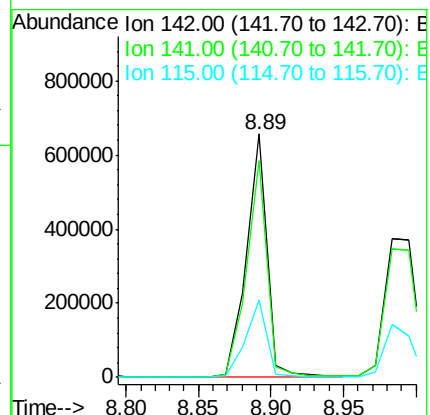
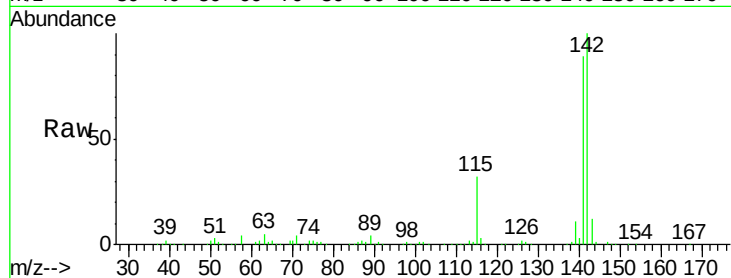
Tgt Ion:142 Resp: 648751

Ion Ratio Lower Upper

142 100

141 89.2 67.5 101.3

115 31.9 18.2 27.2#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

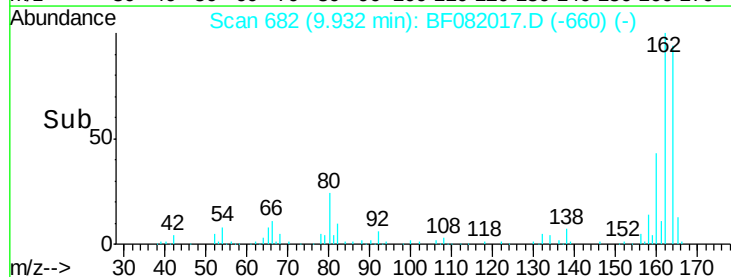
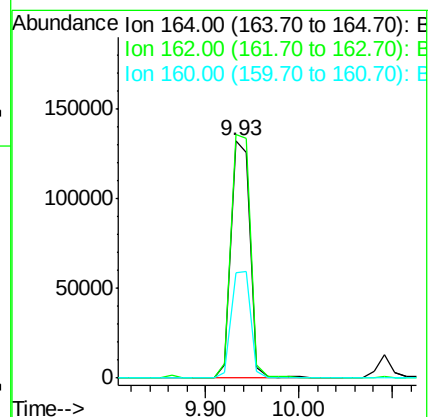
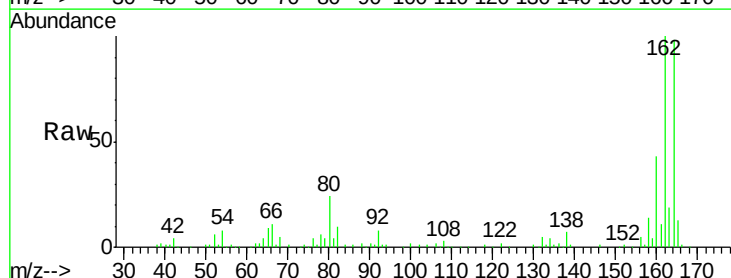
Tgt Ion:164 Resp: 189052

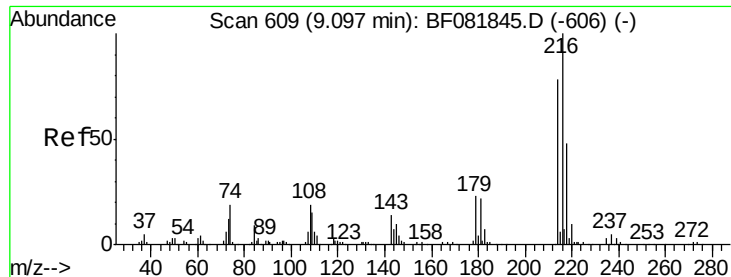
Ion Ratio Lower Upper

164 100

162 102.5 75.2 112.8

160 44.3 31.5 47.3

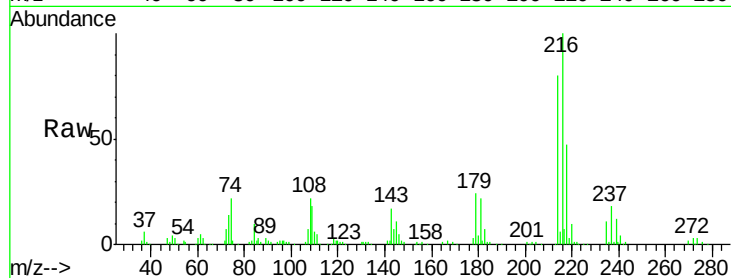




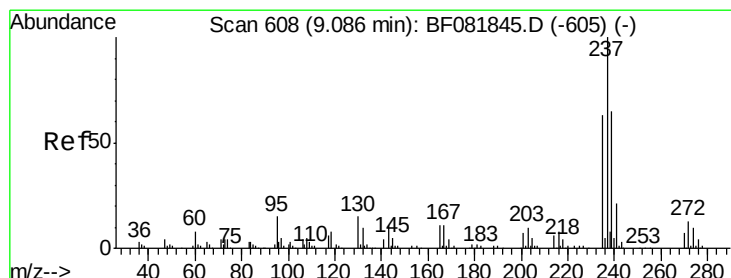
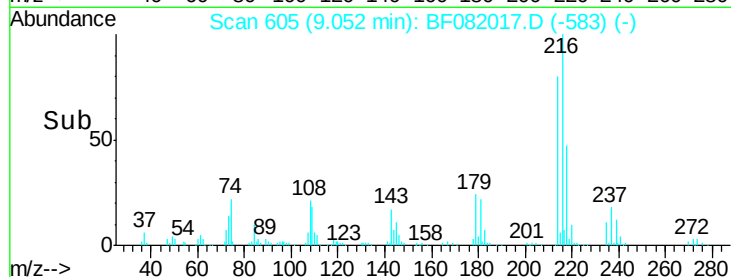
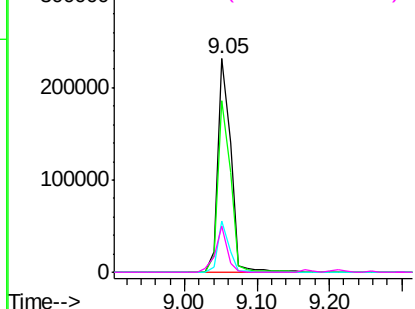
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.36 ng
 RT: 9.05 min Scan# 605
 Delta R.T. -0.05 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

Tgt Ion:	216	Resp:	286463
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.5	95.3
179	20.9	16.6	24.8
108	19.6	16.3	24.5

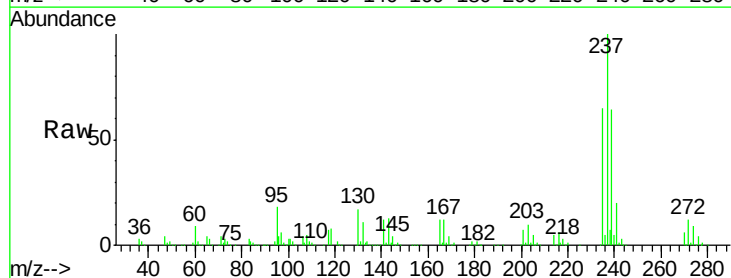


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

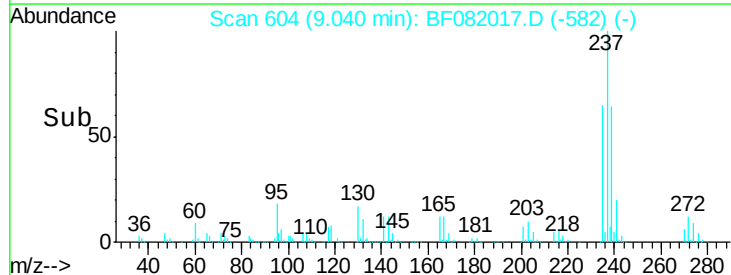
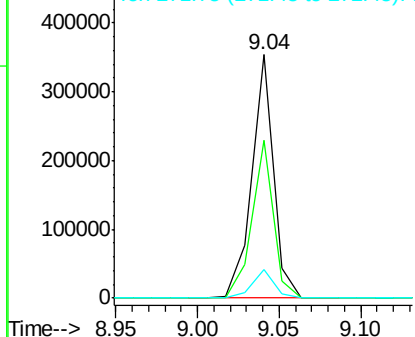


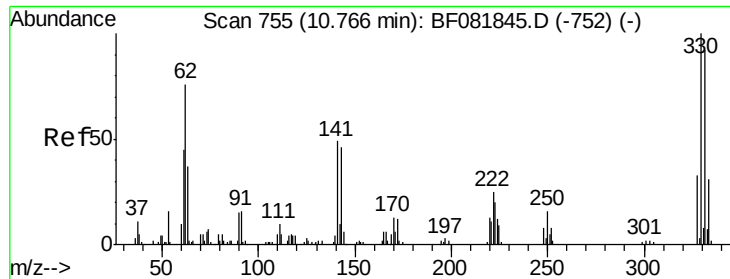
#40
 Hexachlorocyclopentadiene
 Concen: 109.19 ng
 RT: 9.04 min Scan# 604
 Delta R.T. -0.04 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

Tgt Ion:	237	Resp:	326335
Ion	Ratio	Lower	Upper
237	100		
235	64.8	42.0	82.0
272	11.8	0.0	36.1



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

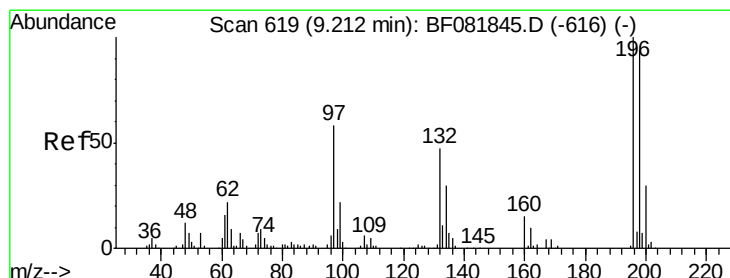
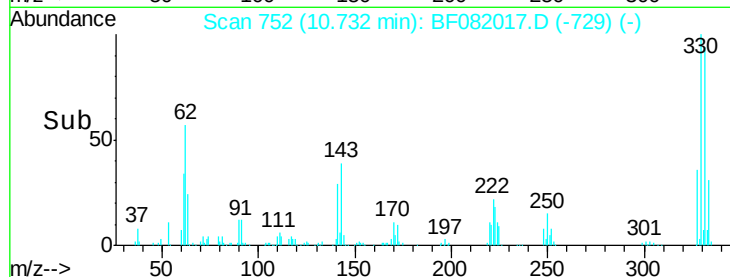
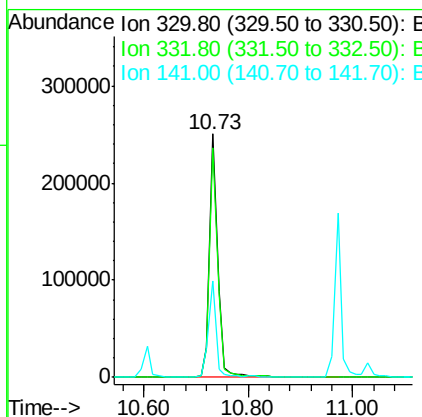
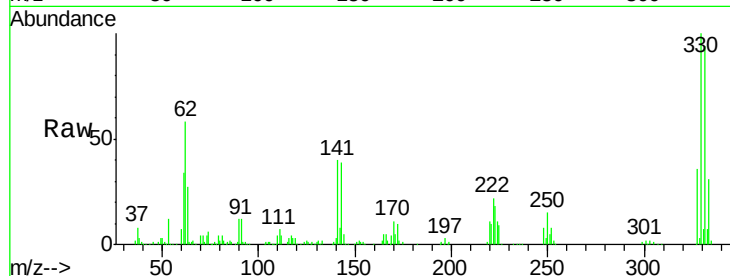




#41
 2,4,6-Tribromophenol
 Concen: 144.49 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

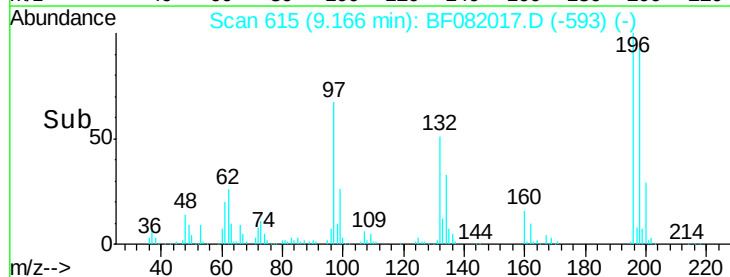
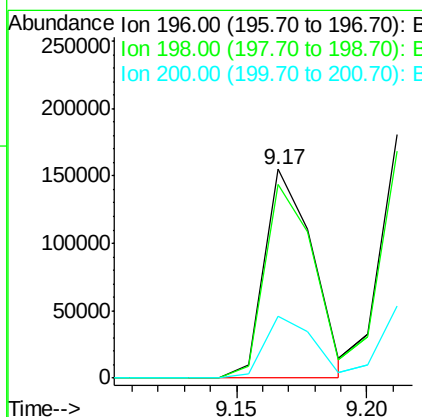
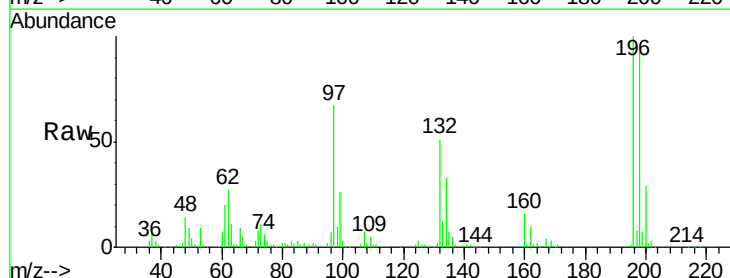
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

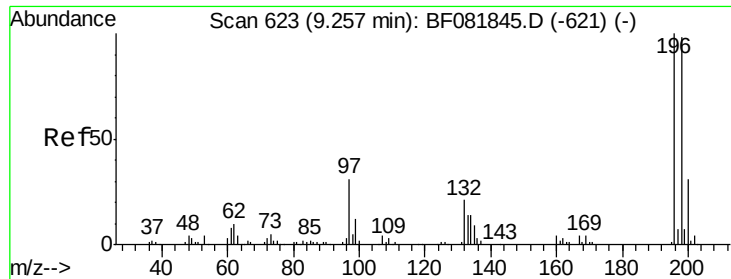
Tgt Ion:330 Resp: 276653
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 114.8
 141 36.2 29.7 44.5



#42
 2,4,6-Trichlorophenol
 Concen: 50.01 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.05 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

Tgt Ion:196 Resp: 199005
 Ion Ratio Lower Upper
 196 100
 198 92.7 75.7 113.5
 200 29.4 23.9 35.9

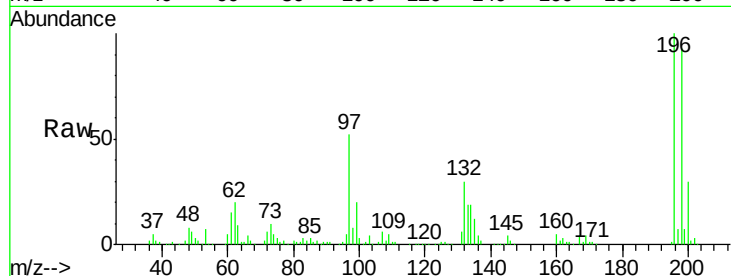




#43
 2,4,5-Trichlorophenol
 Concen: 58.26 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.1	75.4	113.0
97	52.3	33.3	49.9
132	30.1	24.6	37.0



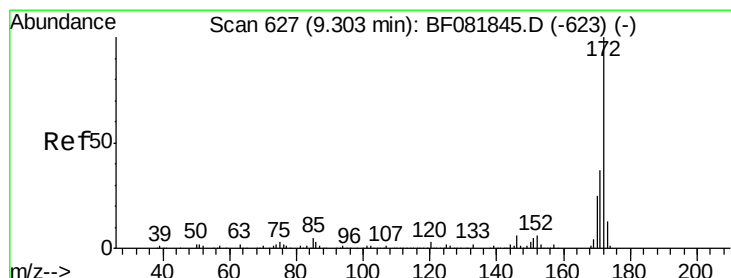
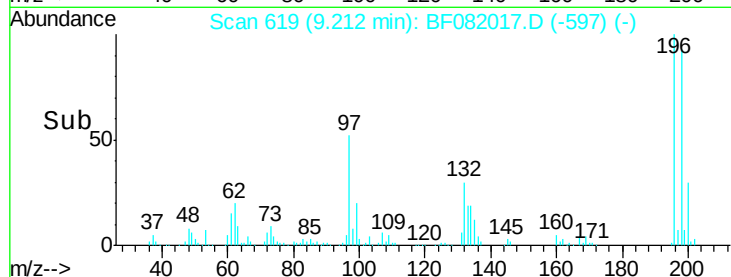
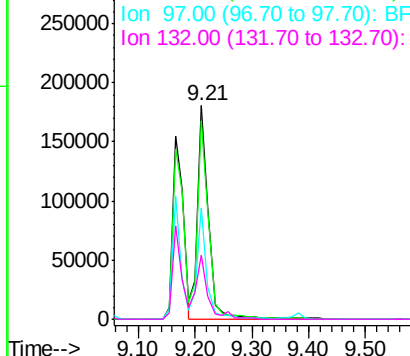
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

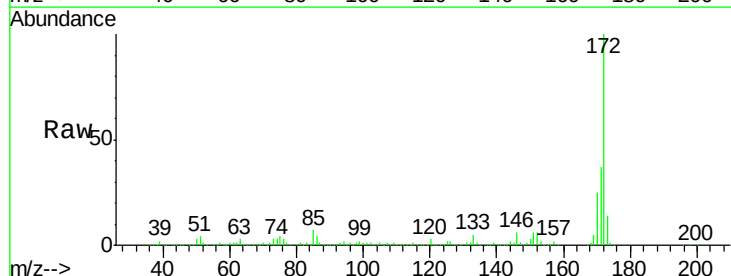
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 107.14 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	26.1	39.1
170	25.3	17.4	26.2

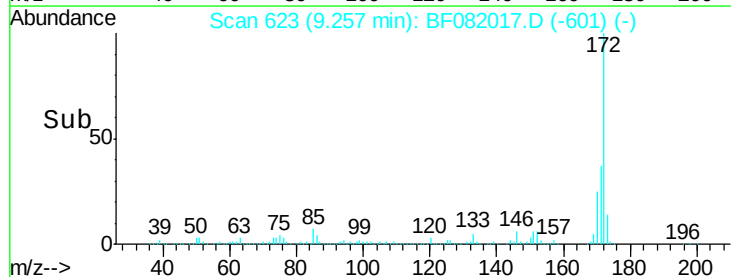
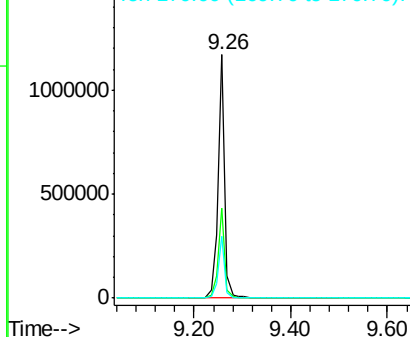


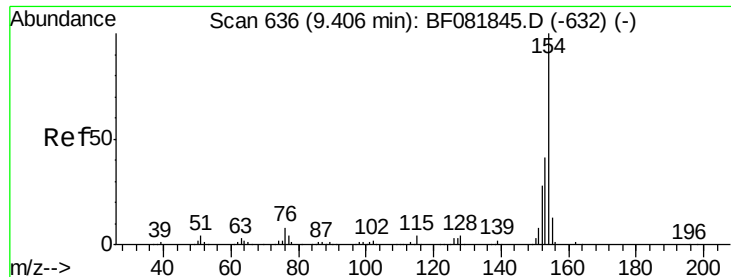
Abundance

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: 55.74 ng

RT: 9.36 min Scan# 632

Delta R.T. -0.05 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

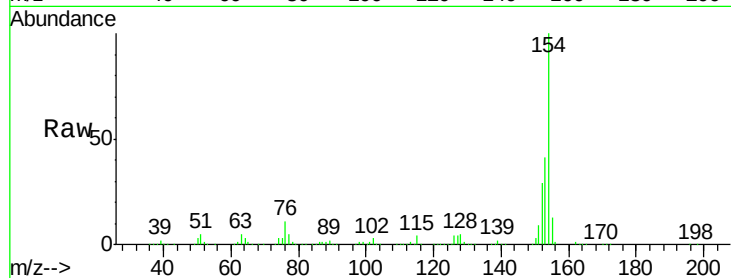
Tgt Ion:154 Resp: 812938

Ion Ratio Lower Upper

154 100

153 40.9 17.1 57.1

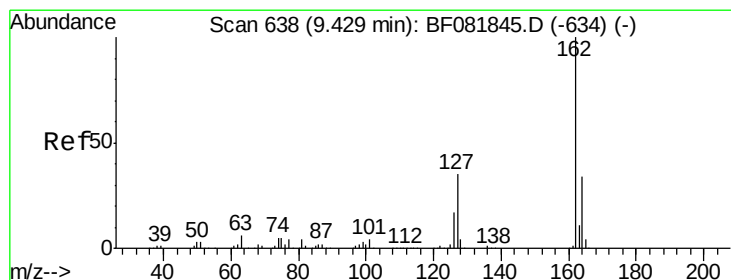
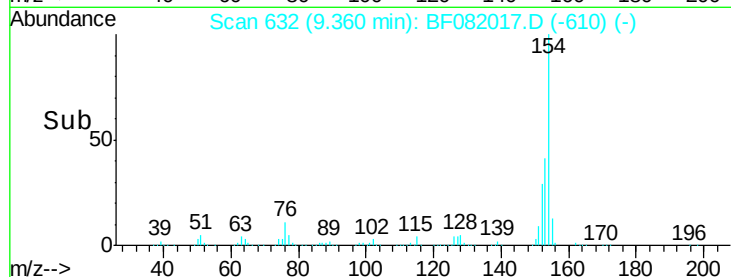
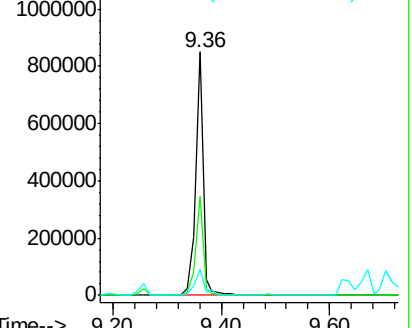
76 10.9 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 53.14 ng

RT: 9.38 min Scan# 634

Delta R.T. -0.05 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

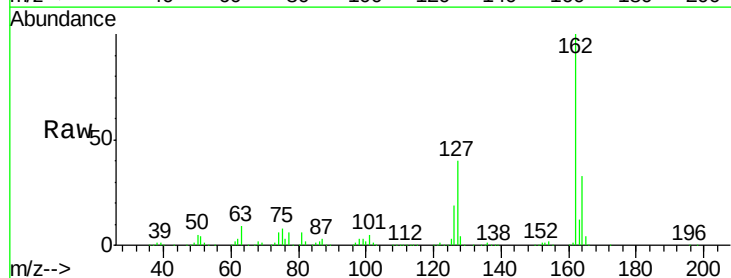
Tgt Ion:162 Resp: 608600

Ion Ratio Lower Upper

162 100

127 39.6 27.6 41.4

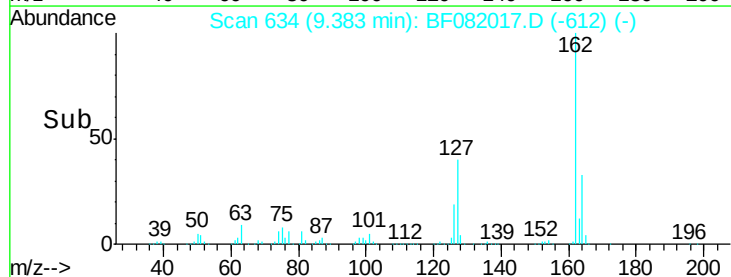
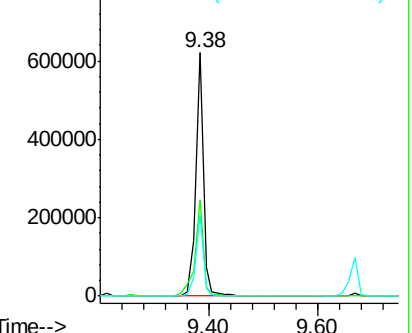
164 33.4 25.4 38.2

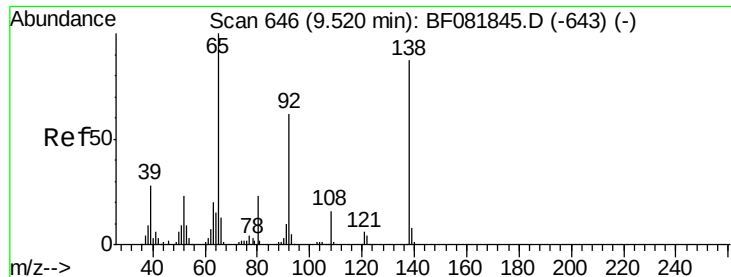


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

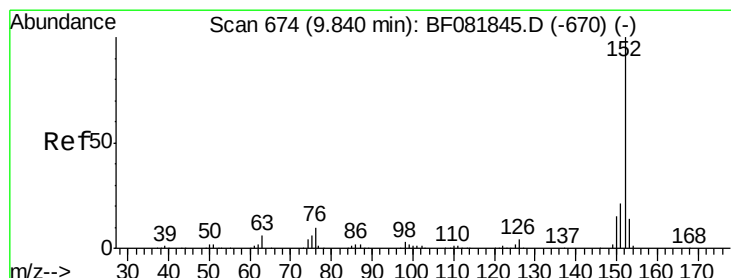
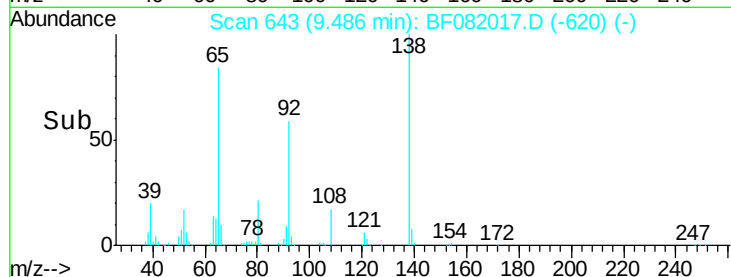
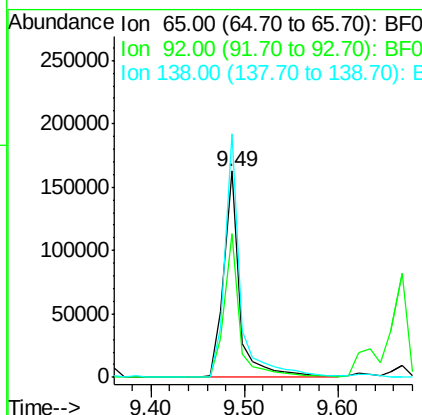
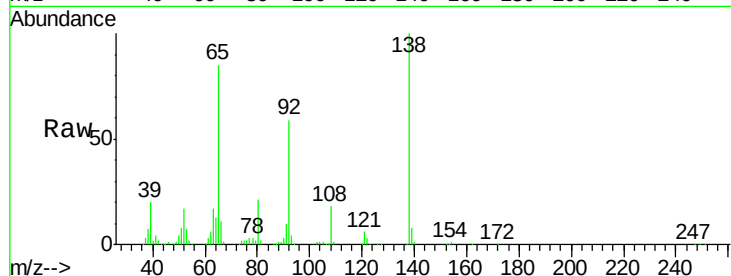




#47
2-Nitroaniline
Concen: 57.65 ng
RT: 9.49 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF082017.D
Acq: 3 Oct 2015 11:30

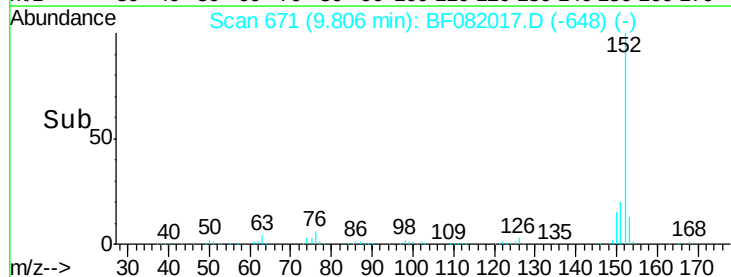
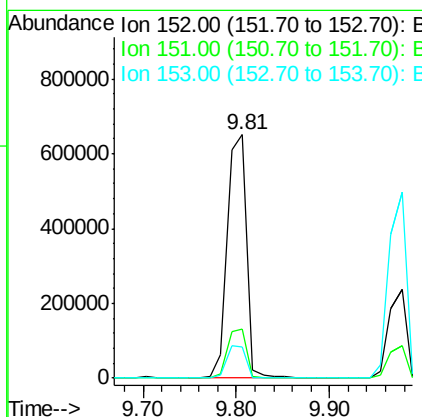
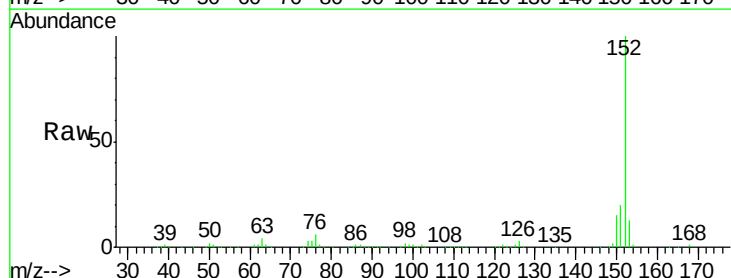
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MS

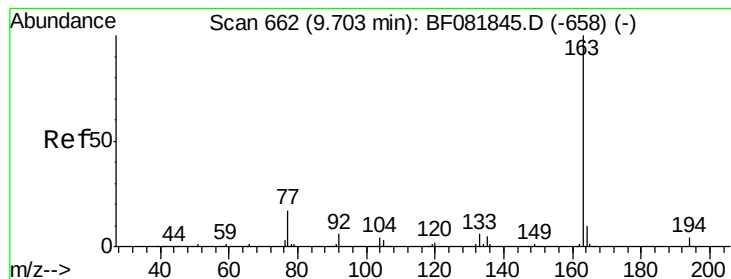
Tgt Ion: 65 Resp: 193813
Ion Ratio Lower Upper
65 100
92 69.9 55.4 83.0
138 118.2 115.5 173.3



#48
Acenaphthylene
Concen: 51.46 ng
RT: 9.81 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF082017.D
Acq: 3 Oct 2015 11:30

Tgt Ion: 152 Resp: 943258
Ion Ratio Lower Upper
152 100
151 20.1 14.6 22.0
153 12.8 10.3 15.5





#49

Dimethylphthalate

Concen: 74.77 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

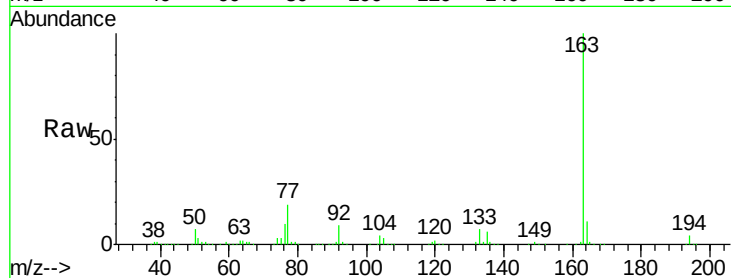
Tgt Ion:163 Resp: 975769

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

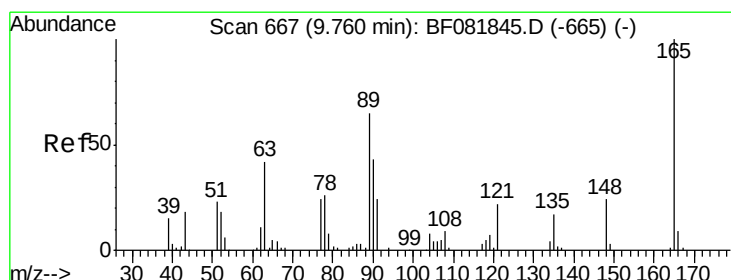
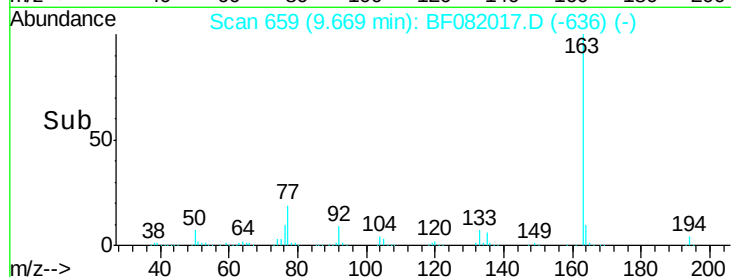
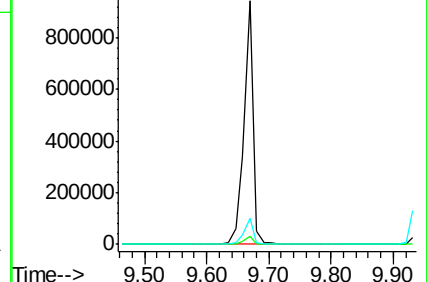
164 10.6 8.3 12.5



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: 53.06 ng

RT: 9.73 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

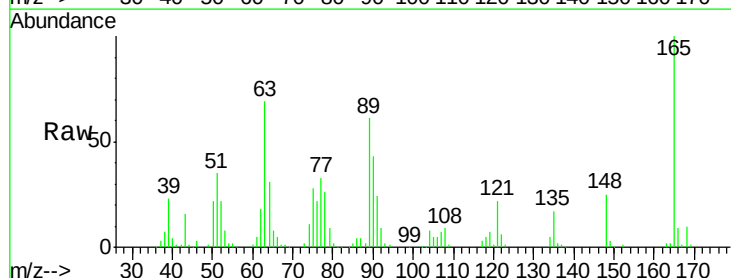
Tgt Ion:165 Resp: 150323

Ion Ratio Lower Upper

165 100

63 68.9 32.3 48.5#

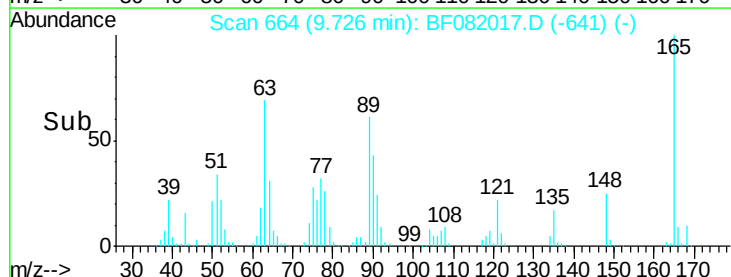
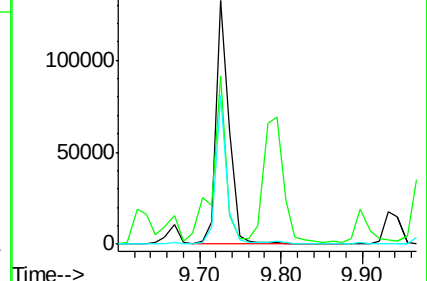
89 61.2 28.6 43.0#

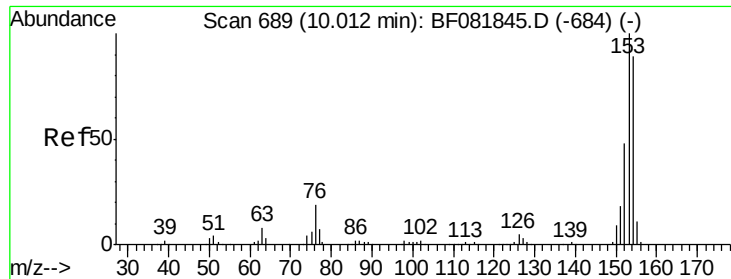


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 59.37 ng

RT: 9.98 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

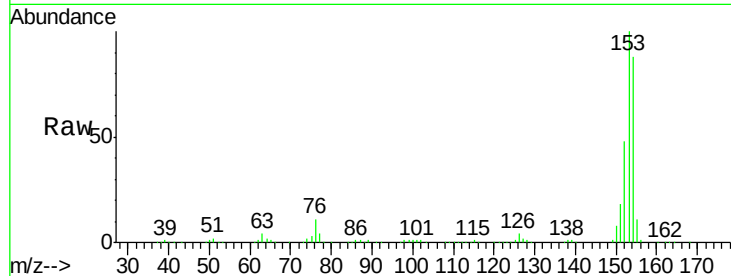
Tgt Ion:154 Resp: 646244

Ion Ratio Lower Upper

154 100

153 113.2 82.1 123.1

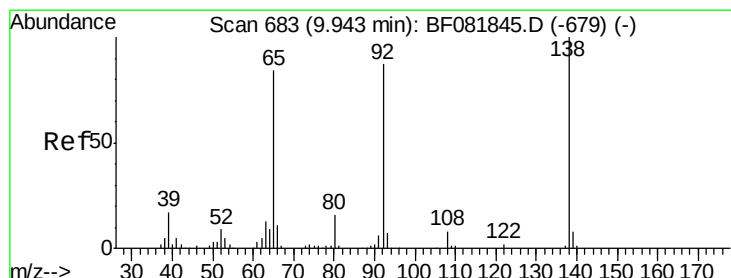
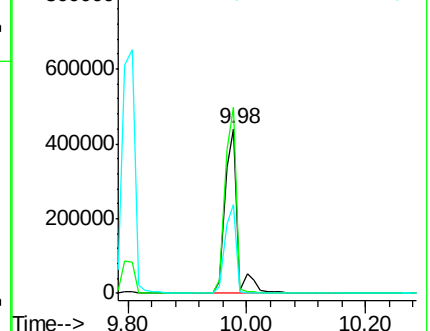
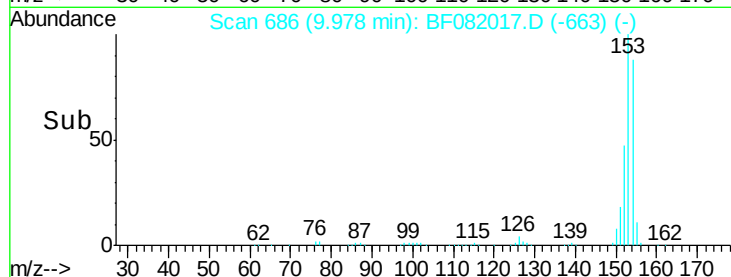
152 54.1 37.9 56.9



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: 39.60 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

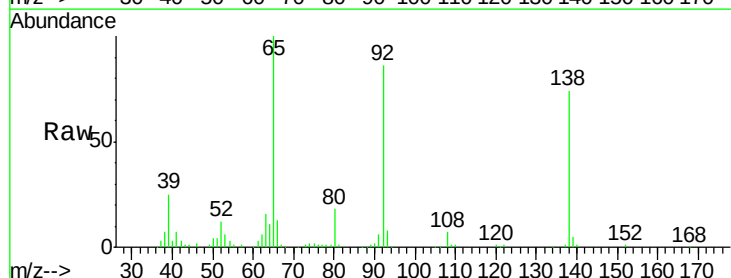
Tgt Ion:138 Resp: 129807

Ion Ratio Lower Upper

138 100

108 10.0 5.7 8.5#

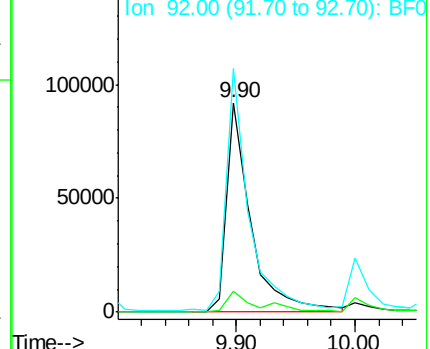
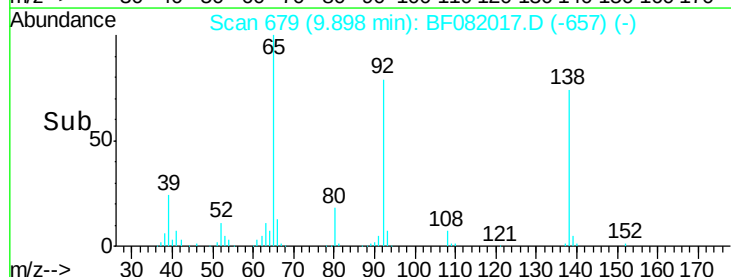
92 116.3 67.7 101.5#

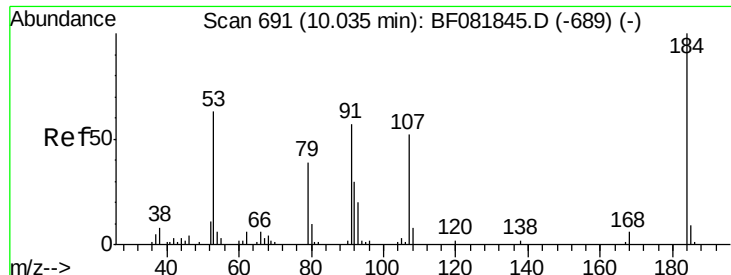


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

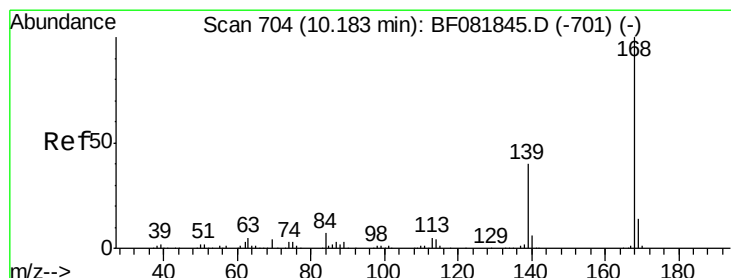
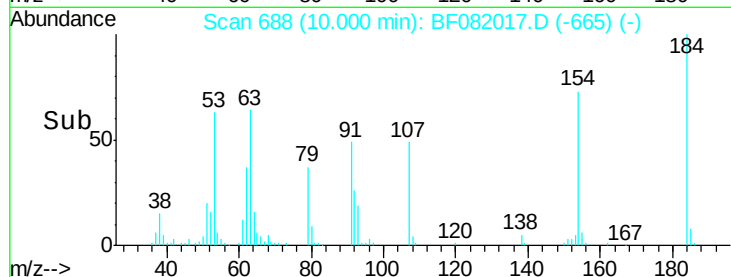
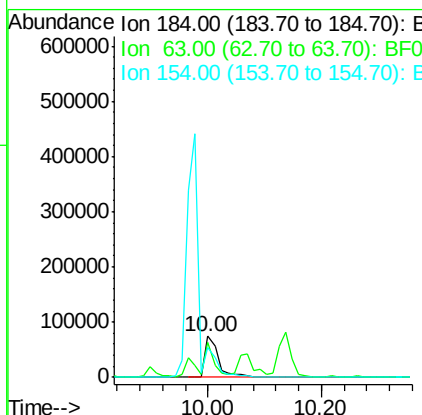
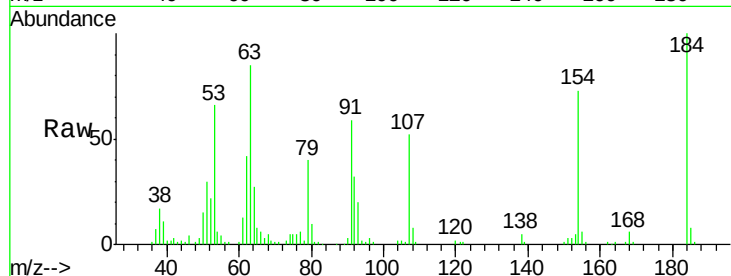




#53
2,4-Dinitrophenol
Concen: 83.04 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF082017.D
Acq: 3 Oct 2015 11:30

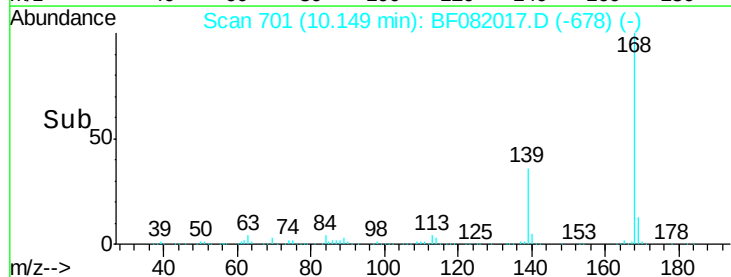
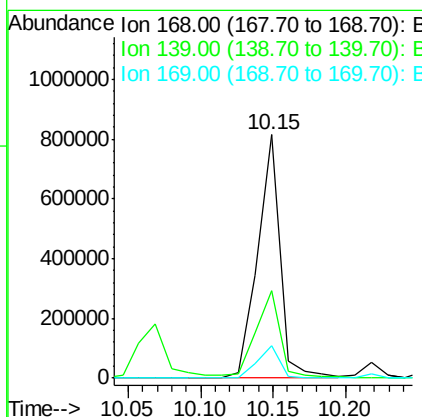
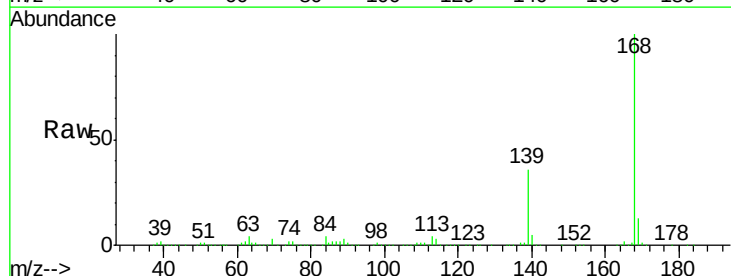
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MS

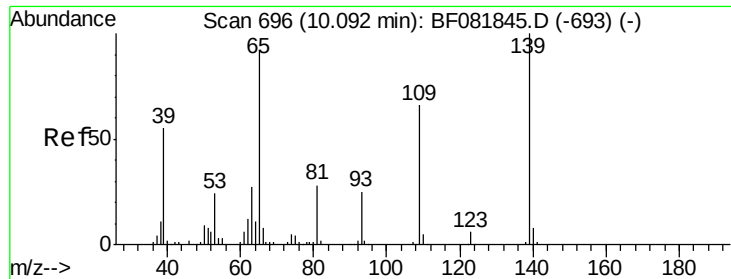
Tgt Ion:184 Resp: 117682
Ion Ratio Lower Upper
184 100
63 85.0 35.4 53.2#
154 72.6 32.2 48.4#



#54
Dibenzofuran
Concen: 56.91 ng
RT: 10.15 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF082017.D
Acq: 3 Oct 2015 11:30

Tgt Ion:168 Resp: 875448
Ion Ratio Lower Upper
168 100
139 36.2 24.2 36.2
169 13.4 10.6 15.8





#55

4-Nitrophenol

Concen: 108.52 ng

RT: 10.07 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

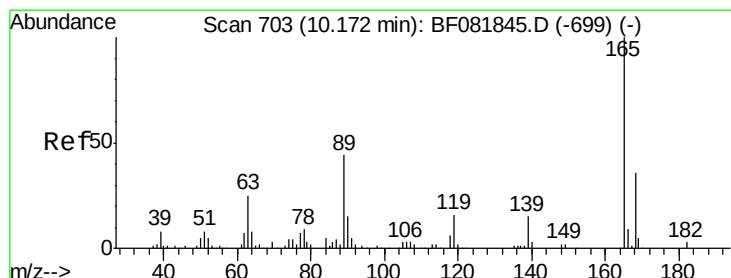
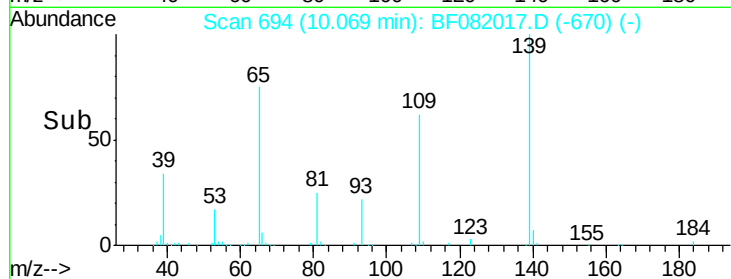
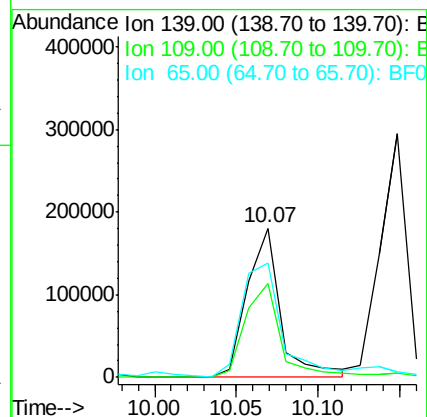
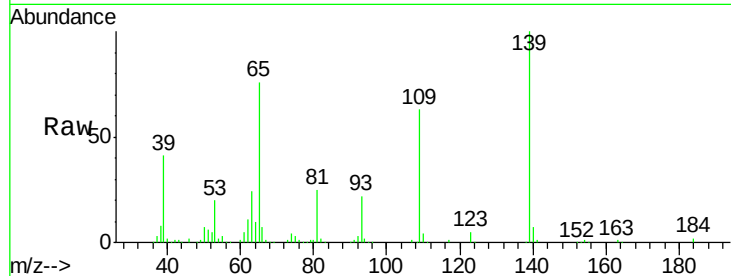
Tgt Ion:139 Resp: 257014

Ion Ratio Lower Upper

139 100

109 62.6 12.7 52.7#

65 76.4 45.9 85.9



#56

2,4-Dinitrotoluene

Concen: 62.08 ng

RT: 10.14 min Scan# 700

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Tgt Ion:165 Resp: 224219

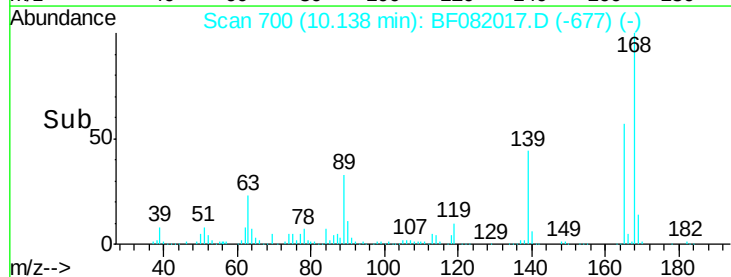
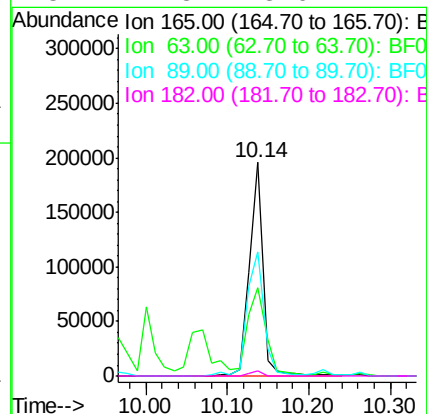
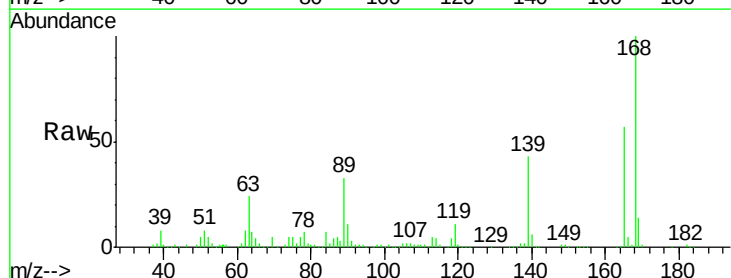
Ion Ratio Lower Upper

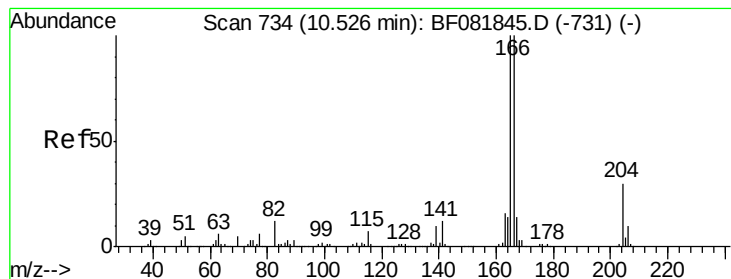
165 100

63 41.6 29.8 44.6

89 58.1 44.5 66.7

182 2.3 3.0 4.4#





#57

Fluorene

Concen: 63.71 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

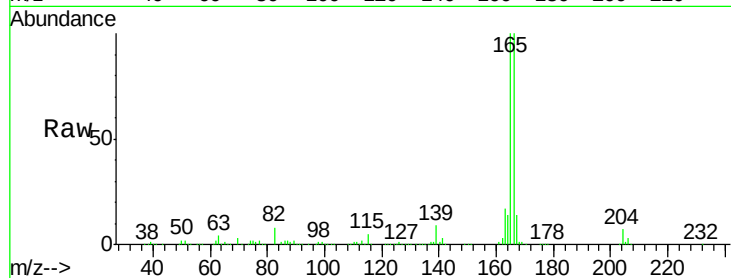
Tgt Ion:166 Resp: 691188

Ion Ratio Lower Upper

166 100

165 99.7 72.6 109.0

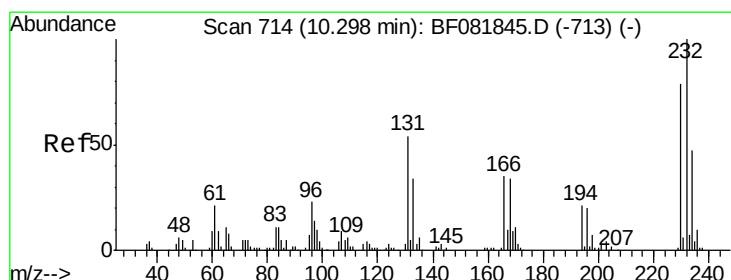
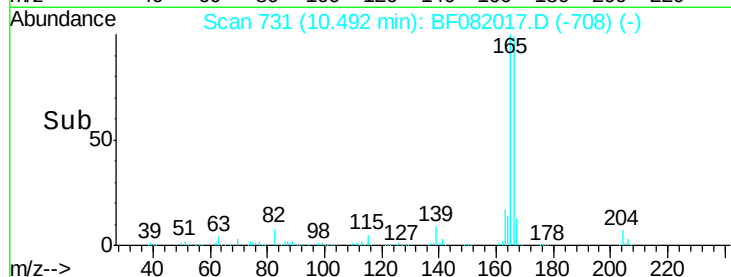
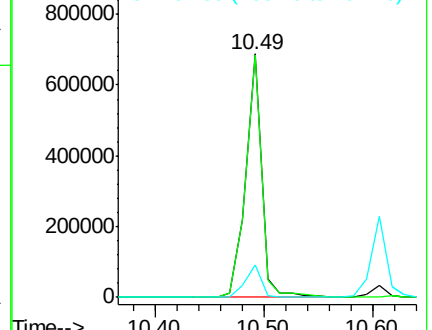
167 13.5 10.6 16.0



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: 61.94 ng

RT: 10.26 min Scan# 711

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Tgt Ion:232 Resp: 201038

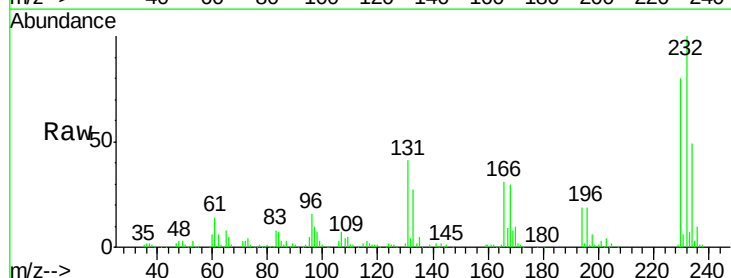
Ion Ratio Lower Upper

232 100

131 43.1 38.5 57.7

130 2.1 1.8 2.6

166 29.3 25.0 37.6

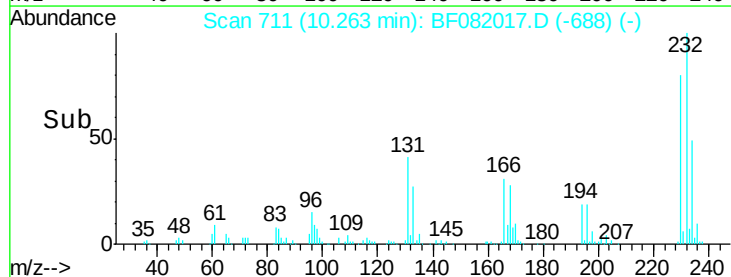
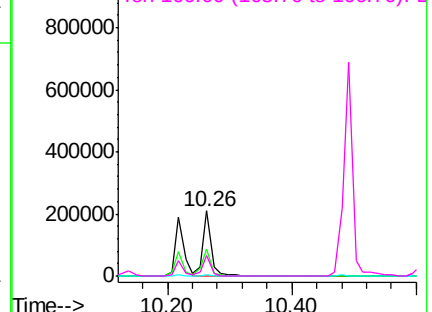


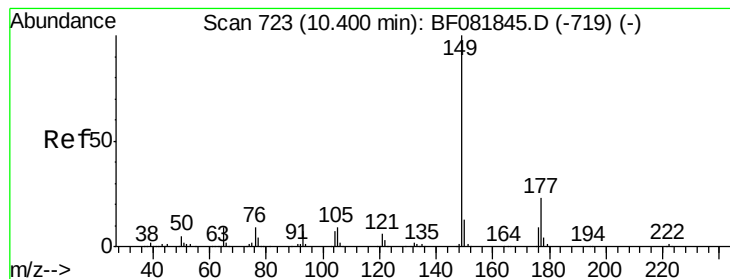
Abundance Ion 232.00 (231.70 to 232.70): E

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: 53.77 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

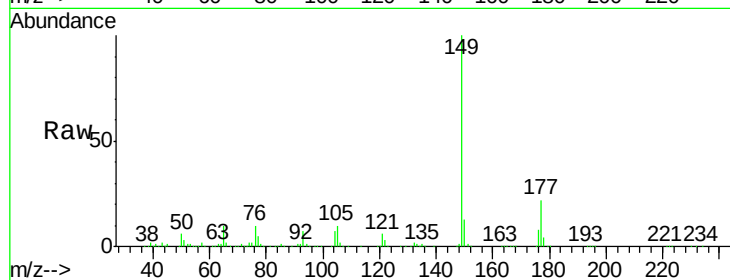
Tgt Ion:149 Resp: 655416

Ion Ratio Lower Upper

149 100

177 21.5 17.5 26.3

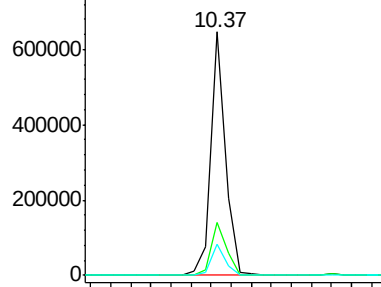
150 13.0 9.4 14.2



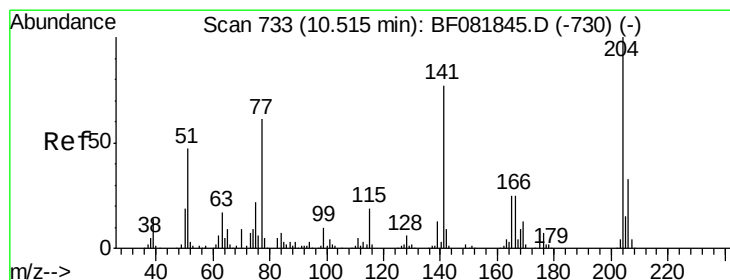
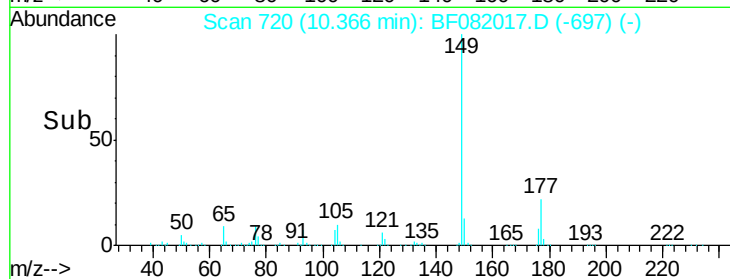
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



#60

4-Chlorophenyl-phenylether

Concen: 55.77 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

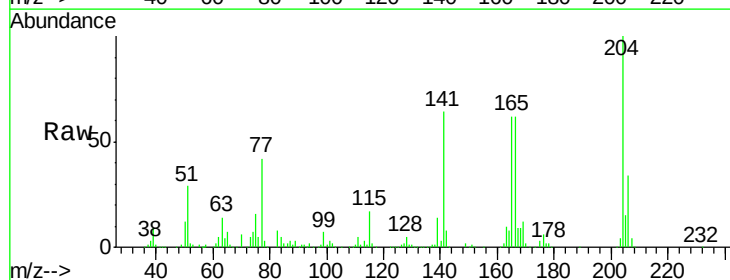
Tgt Ion:204 Resp: 314084

Ion Ratio Lower Upper

204 100

206 34.1 24.8 37.2

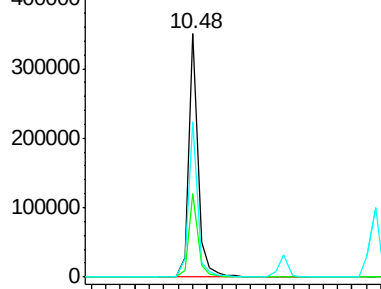
141 63.7 42.2 63.4#



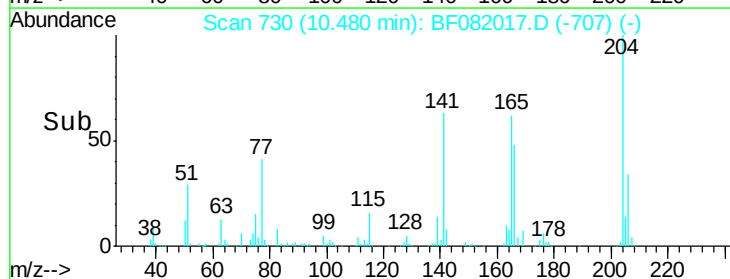
Abundance Ion 204.00 (203.70 to 204.70): E

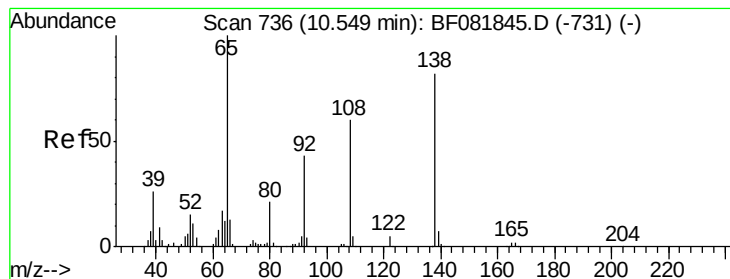
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#61

4-Nitroaniline

Concen: 53.41 ng

RT: 10.53 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

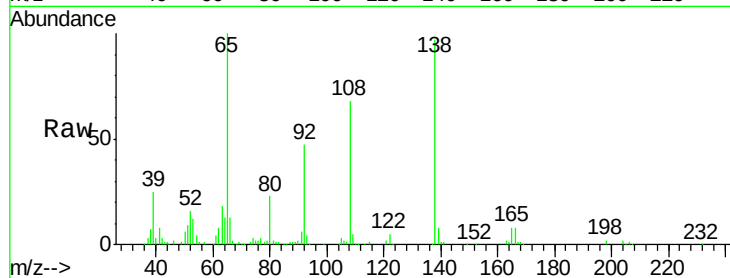
Tgt Ion:138 Resp: 175531

Ion Ratio Lower Upper

138 100

92 48.6 12.6 52.6

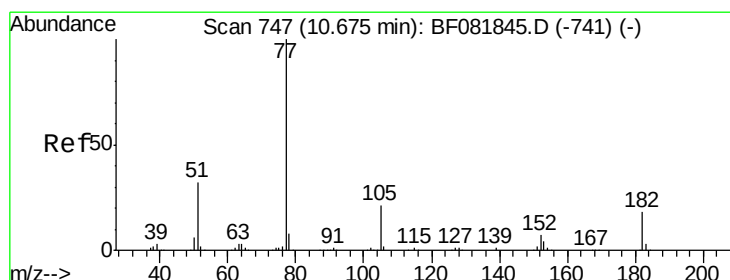
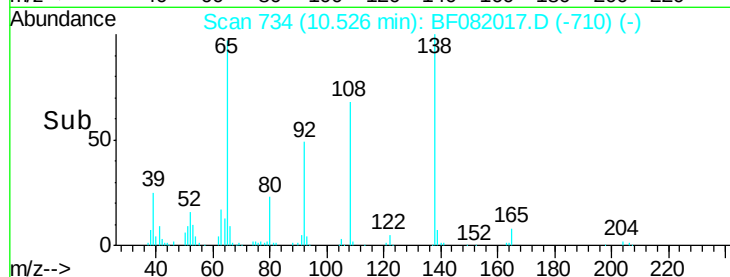
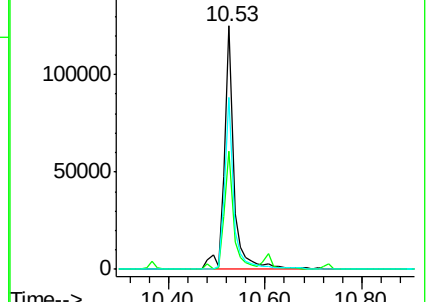
108 70.5 12.4 52.4#



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: 56.68 ng

RT: 10.64 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Tgt Ion: 77 Resp: 674275

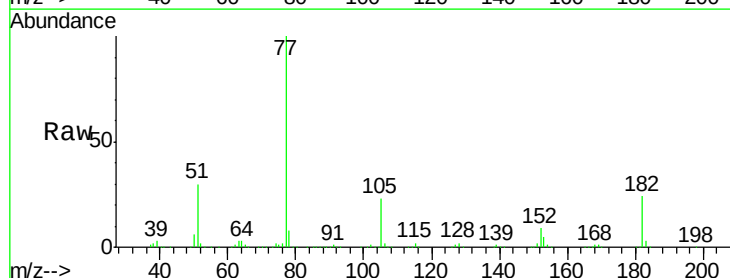
Ion Ratio Lower Upper

77 100

182 24.3 15.1 55.1

105 23.5 3.4 43.4

51 30.2 12.0 52.0

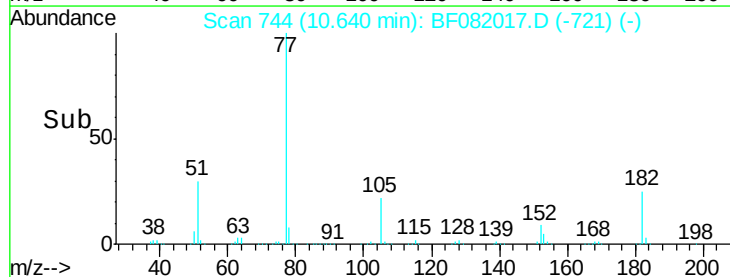
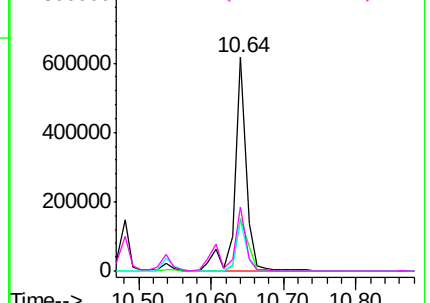


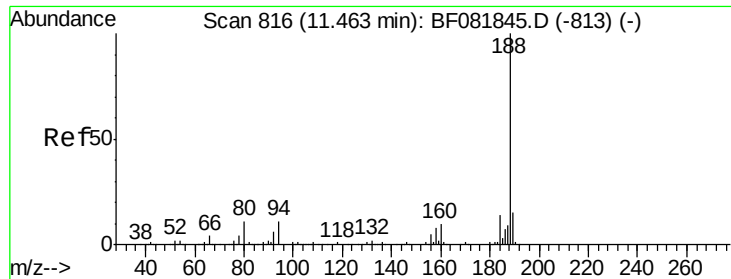
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.43 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

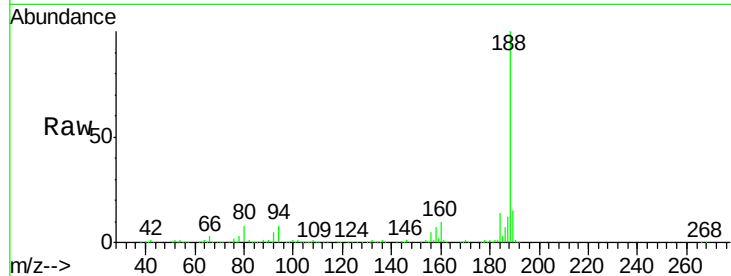
Tgt Ion:188 Resp: 377497

Ion Ratio Lower Upper

188 100

94 8.2 11.1 16.7#

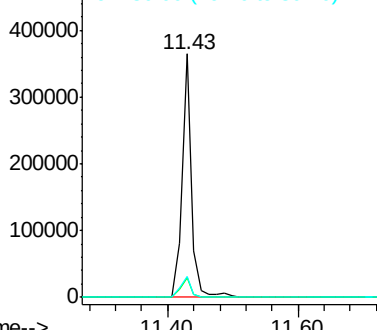
80 8.4 11.0 16.4#



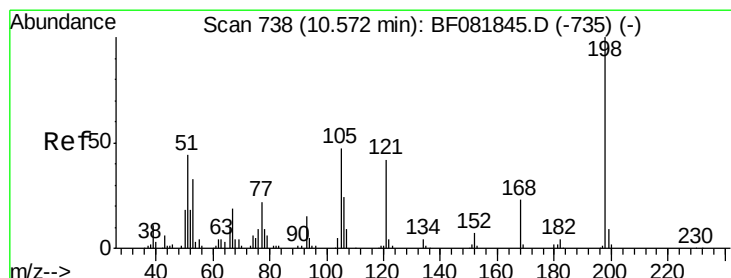
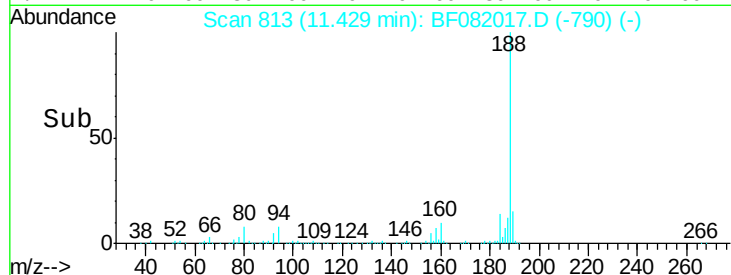
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 56.94 ng

RT: 10.54 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

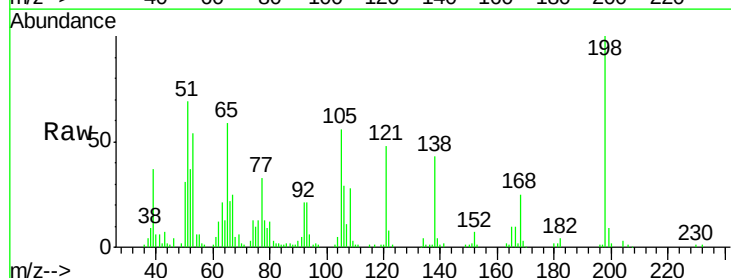
Tgt Ion:198 Resp: 101811

Ion Ratio Lower Upper

198 100

51 69.5 39.6 79.6

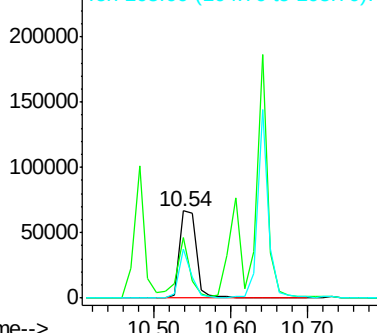
105 56.2 28.5 68.5



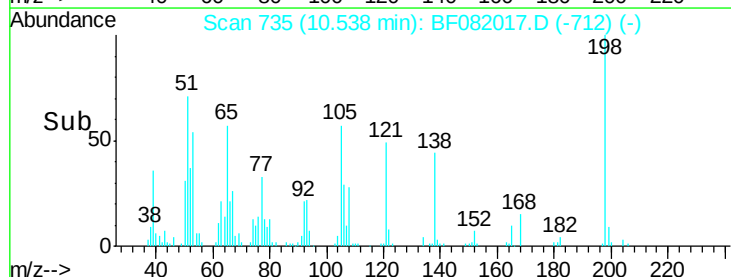
Abundance Ion 198.00 (197.70 to 198.70): E

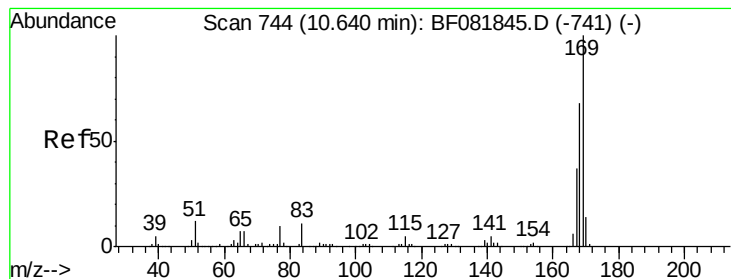
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->

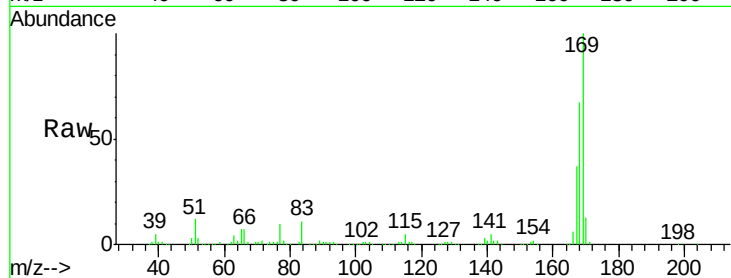




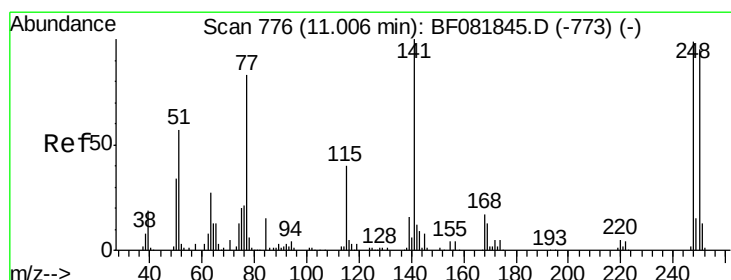
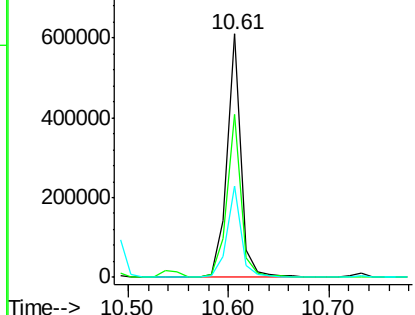
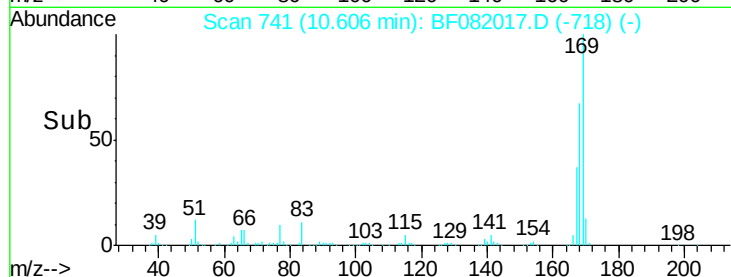
#65
 n-Nitrosodiphenylamine
 Concen: 51.83 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.03 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

Tgt Ion:169 Resp: 591990
 Ion Ratio Lower Upper
 169 100
 168 67.1 48.9 73.3
 167 37.5 26.2 39.4

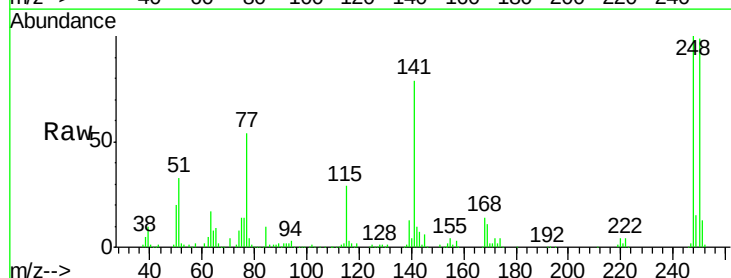


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

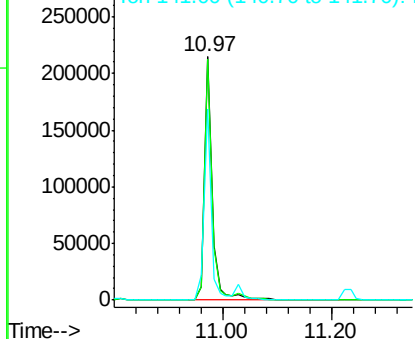
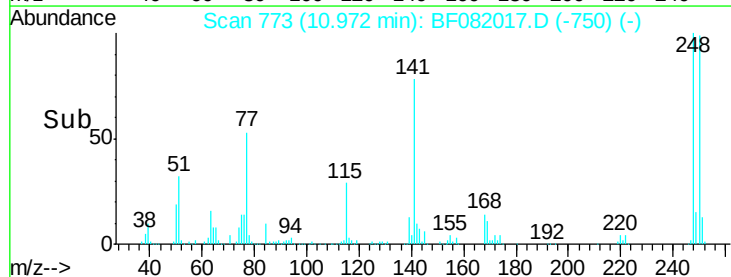


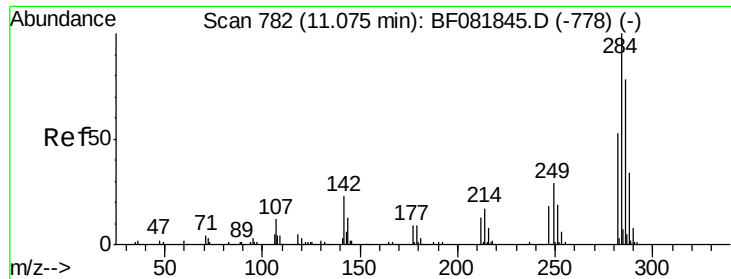
#66
 4-Bromophenyl-phenylether
 Concen: 55.59 ng
 RT: 10.97 min Scan# 773
 Delta R.T. -0.03 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

Tgt Ion:248 Resp: 211576
 Ion Ratio Lower Upper
 248 100
 250 99.0 78.5 117.7
 141 78.7 59.0 88.6



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

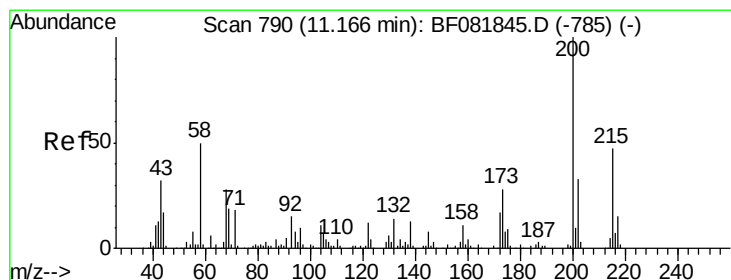
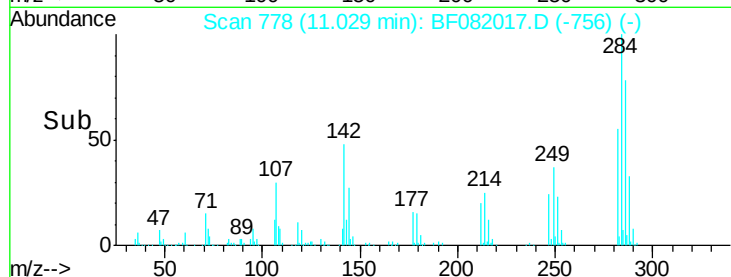
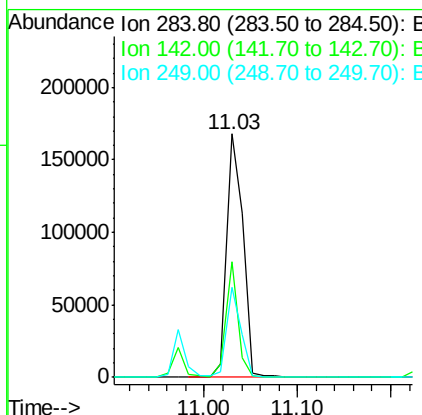
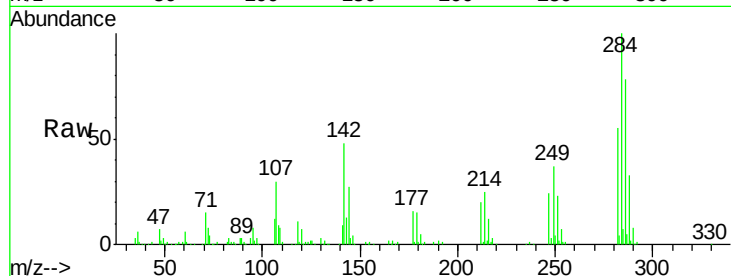




#67
Hexachlorobenzene
Concen: 47.37 ng
RT: 11.03 min Scan# 778
Delta R.T. -0.05 min
Lab File: BF082017.D
Acq: 3 Oct 2015 11:30

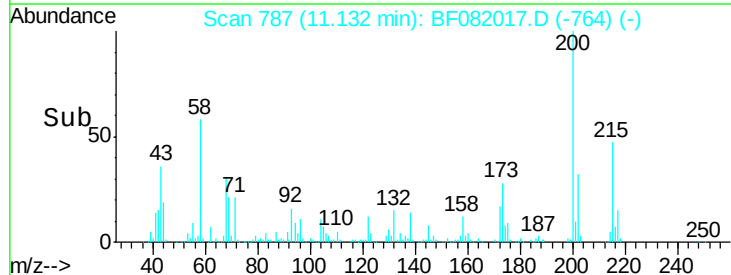
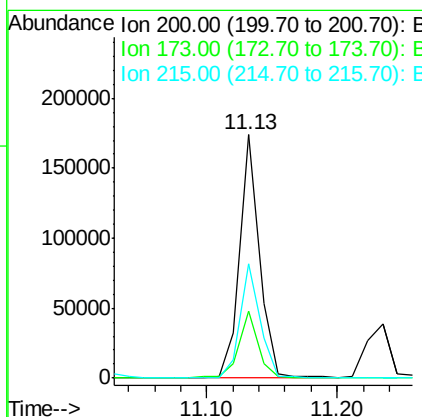
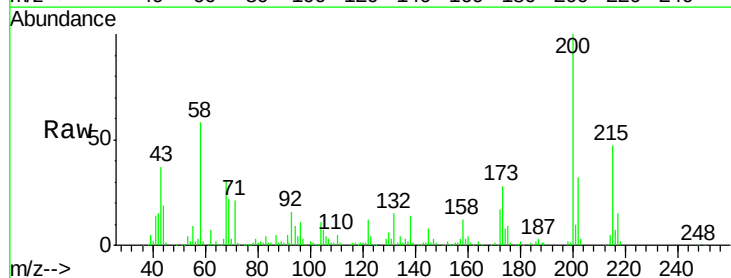
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MS

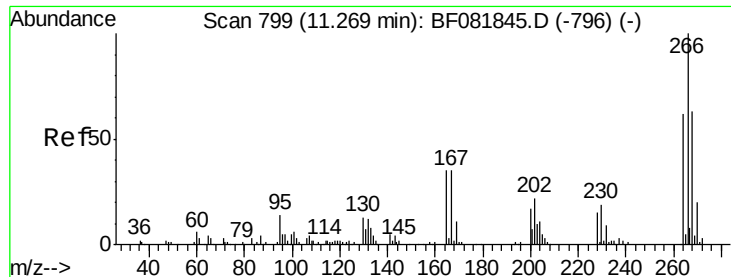
Tgt Ion:284 Resp: 203492
Ion Ratio Lower Upper
284 100
142 47.6 29.5 44.3#
249 37.2 19.5 29.3#



#68
Atrazine
Concen: 51.61 ng
RT: 11.13 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF082017.D
Acq: 3 Oct 2015 11:30

Tgt Ion:200 Resp: 182912
Ion Ratio Lower Upper
200 100
173 27.7 13.2 53.2
215 46.7 41.8 81.8

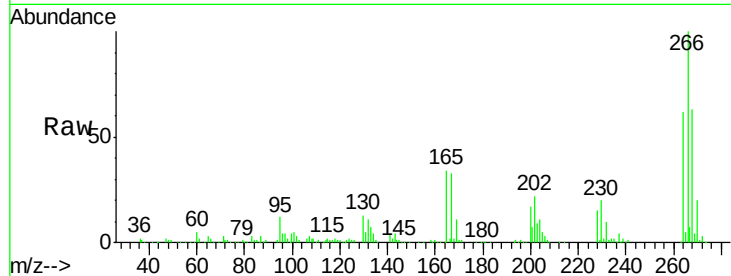




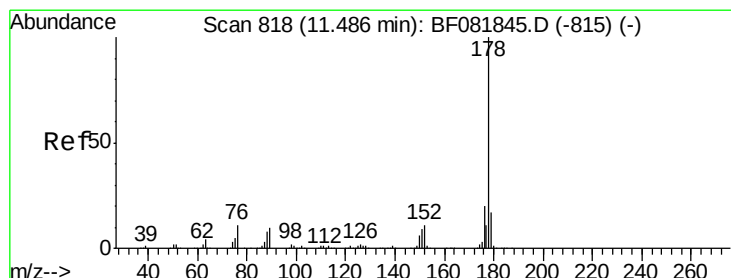
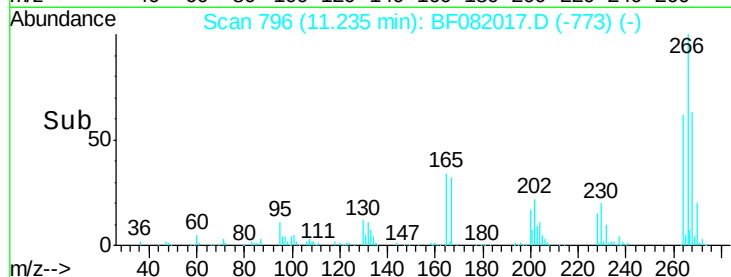
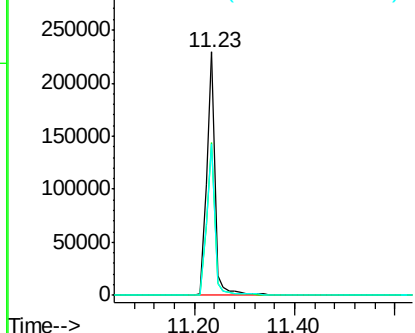
#69
 Pentachlorophenol
 Concen: 107.79 ng
 RT: 11.23 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

Tgt Ion: 266 Resp: 263820
 Ion Ratio Lower Upper
 266 100
 268 62.9 49.8 74.6
 264 62.5 50.2 75.2

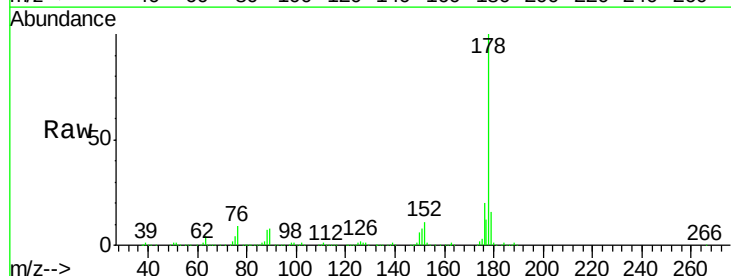


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

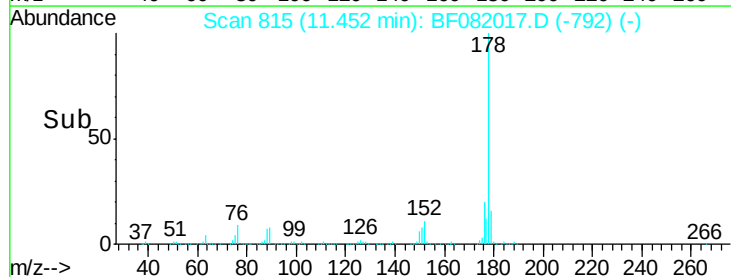
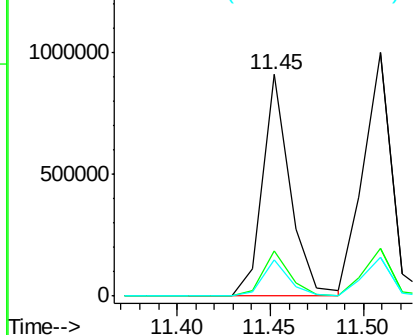


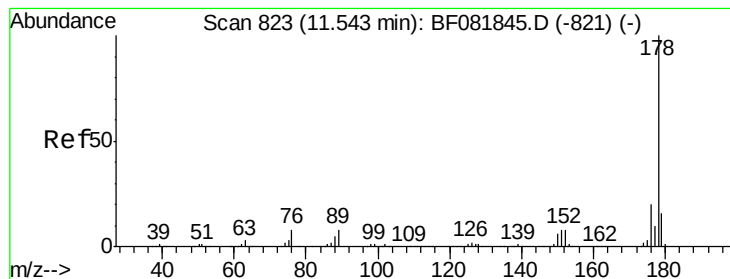
#70
 Phenanthrene
 Concen: 51.23 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

Tgt Ion: 178 Resp: 926399
 Ion Ratio Lower Upper
 178 100
 176 20.2 13.8 20.8
 179 16.2 12.2 18.2



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: 57.18 ng

RT: 11.51 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

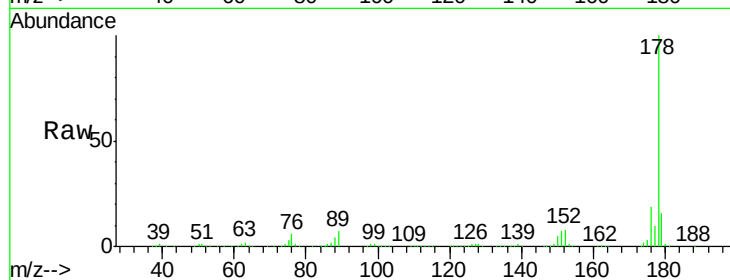
Tgt Ion:178 Resp: 1097064

Ion Ratio Lower Upper

178 100

176 19.5 14.1 21.1

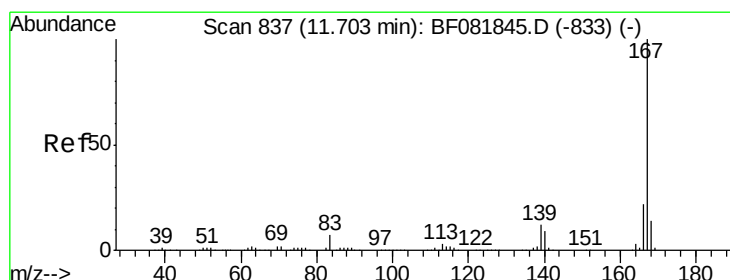
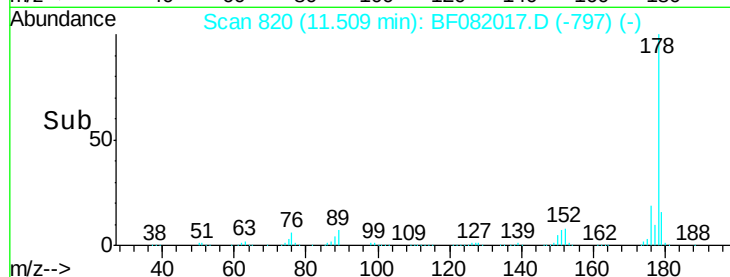
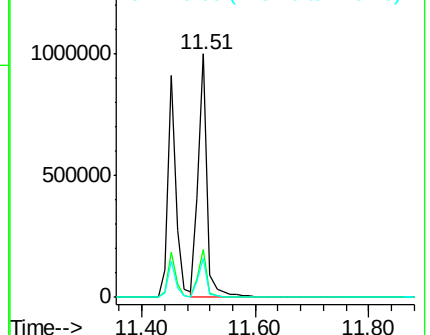
179 15.9 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 55.23 ng

RT: 11.67 min Scan# 834

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

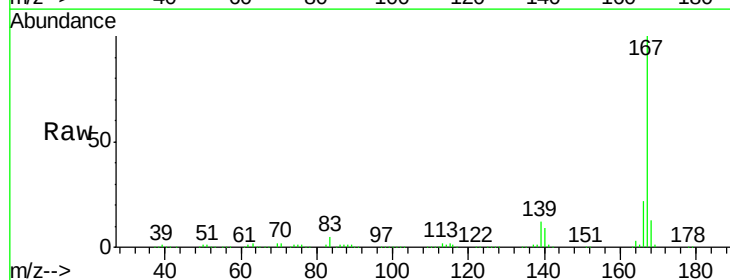
Tgt Ion:167 Resp: 959045

Ion Ratio Lower Upper

167 100

166 22.1 15.7 23.5

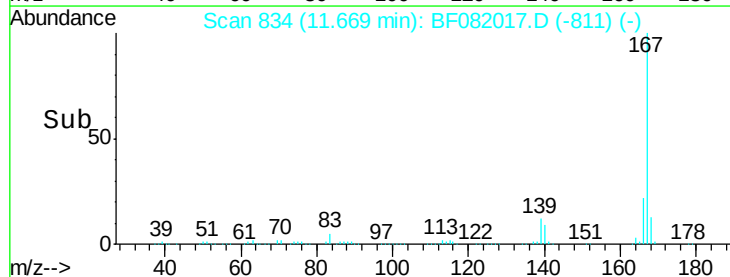
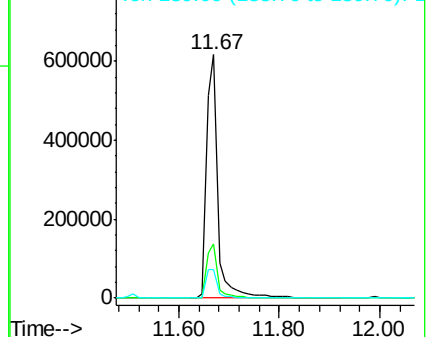
139 11.9 9.5 14.3

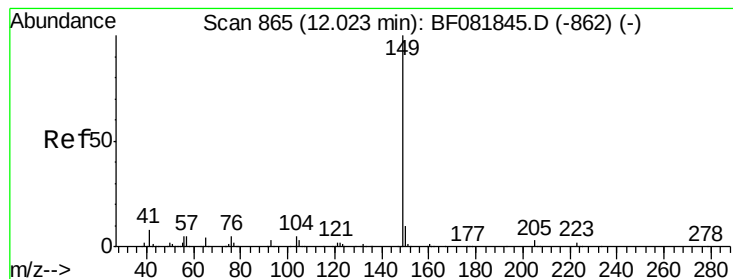


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 57.90 ng

RT: 11.99 min Scan# 862

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

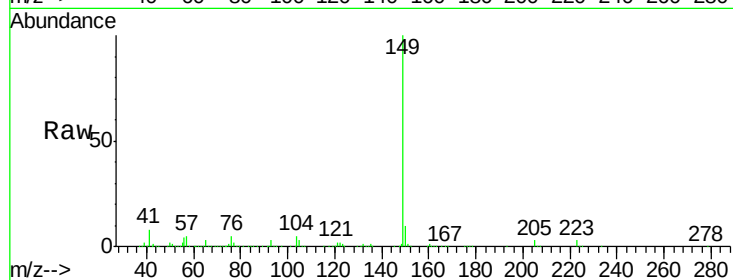
Tgt Ion:149 Resp: 1017179

Ion Ratio Lower Upper

149 100

150 9.9 7.4 11.2

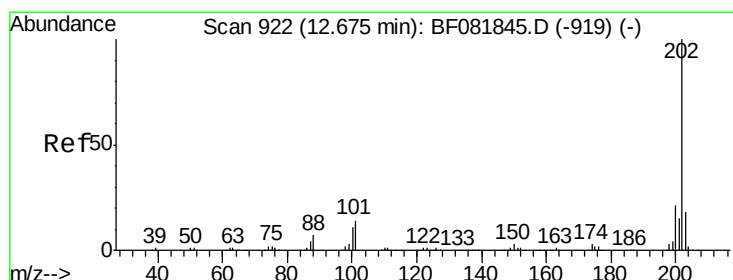
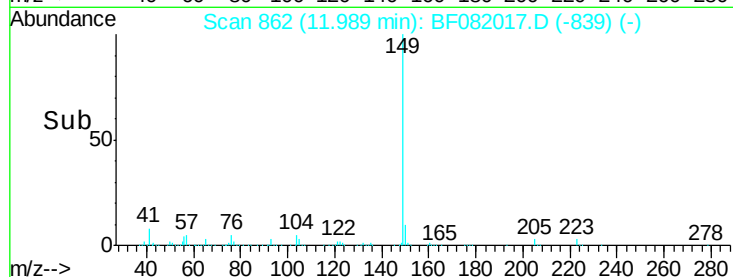
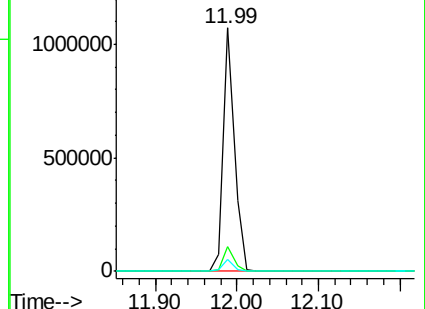
104 4.9 2.4 3.6#



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: 49.80 ng

RT: 12.64 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

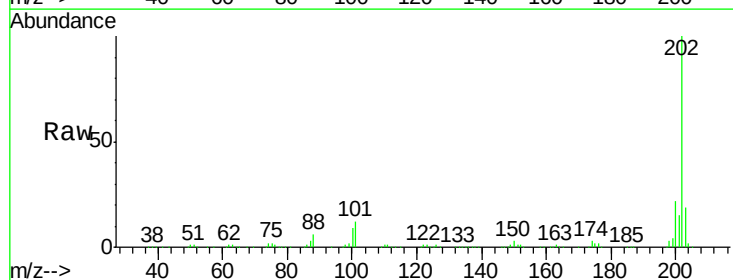
Tgt Ion:202 Resp: 1007018

Ion Ratio Lower Upper

202 100

101 11.7 0.0 38.3

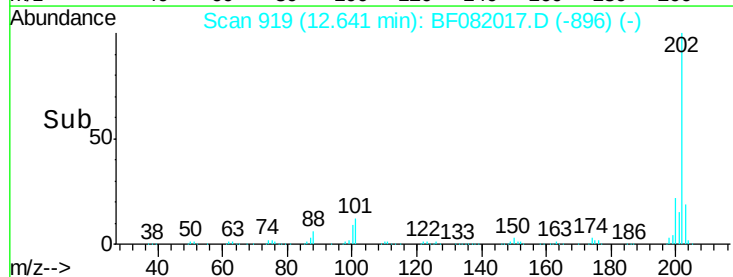
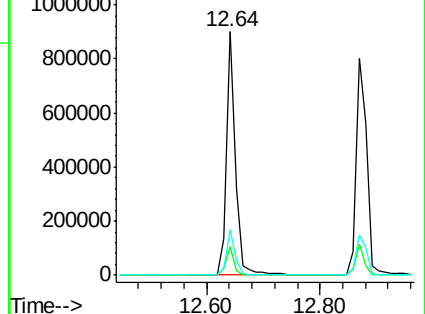
203 18.5 0.0 37.3

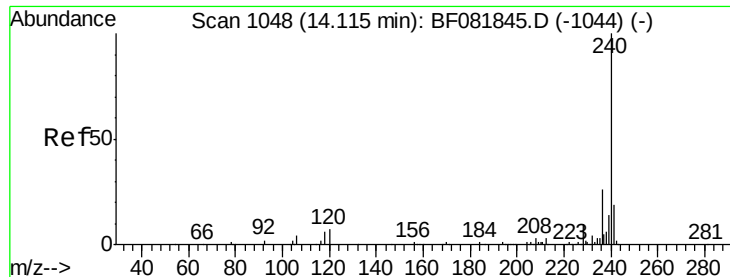


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.08 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

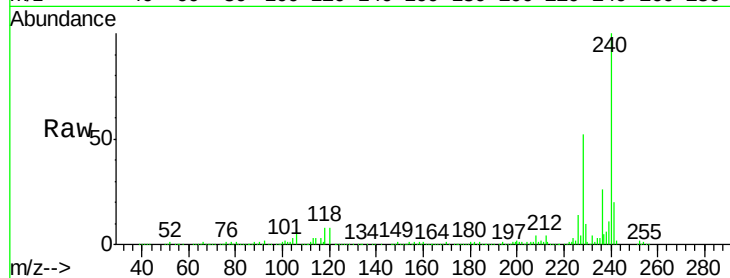
Tgt Ion:240 Resp: 343922

Ion Ratio Lower Upper

240 100

120 8.5 16.2 24.2#

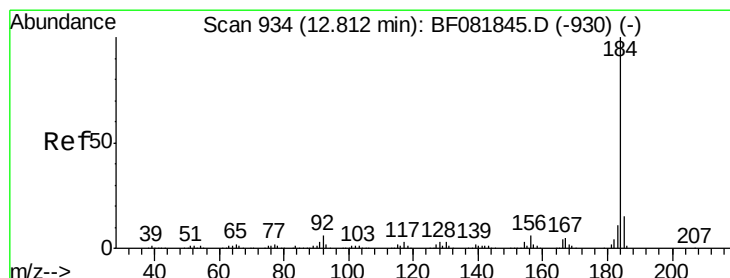
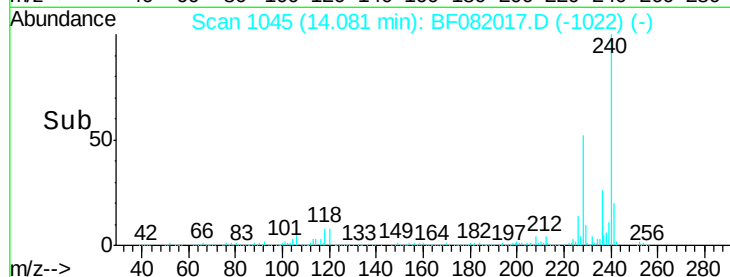
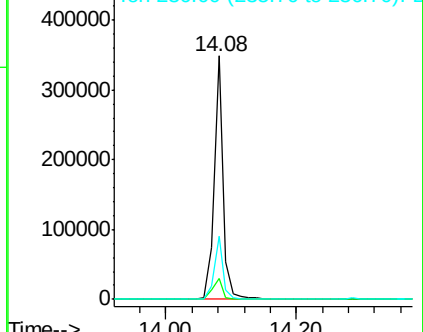
236 26.1 18.4 27.6



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: 8.21 ng

RT: 12.78 min Scan# 931

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

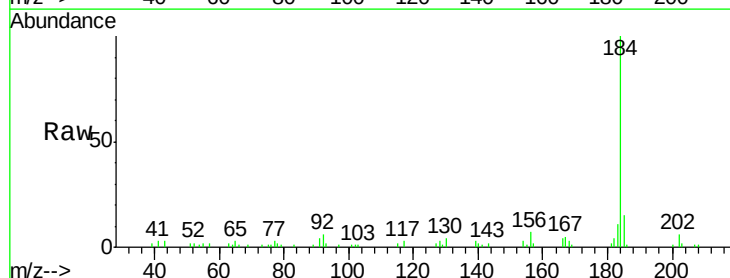
Tgt Ion:184 Resp: 85031

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.6

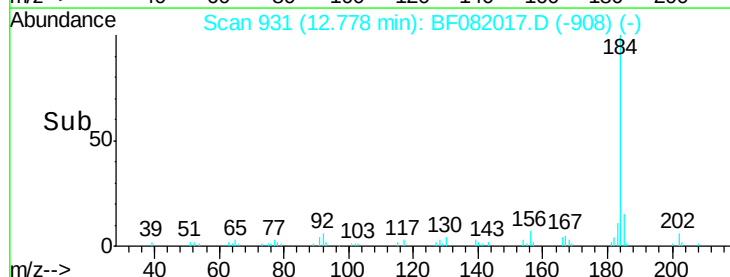
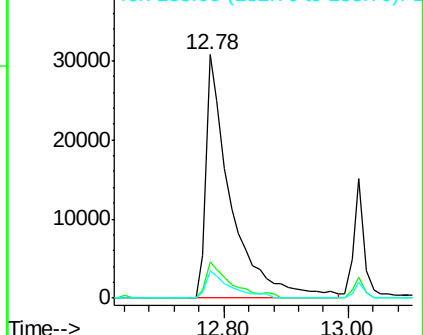
183 11.0 7.6 11.4

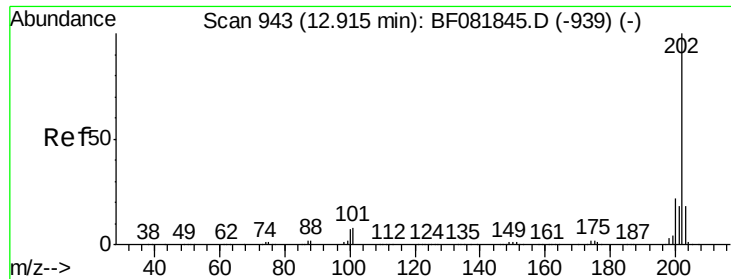


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

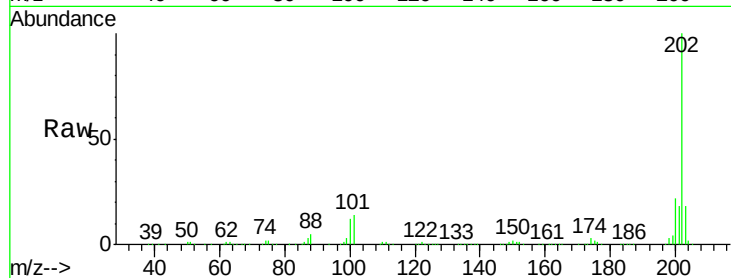




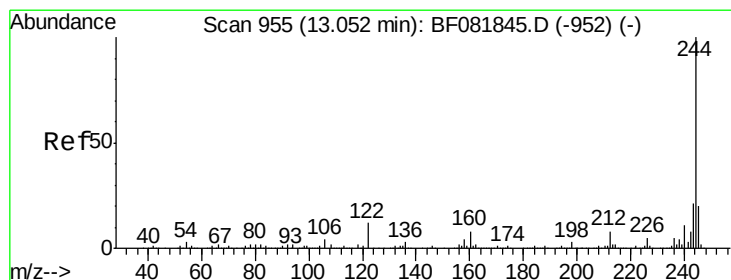
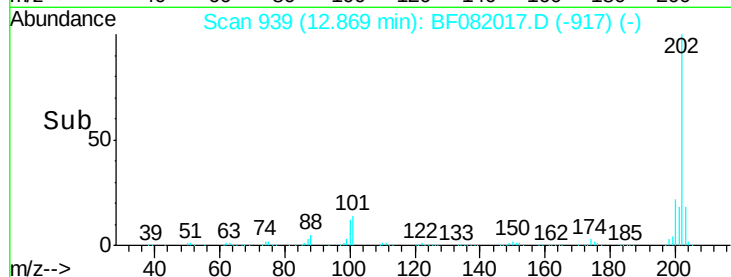
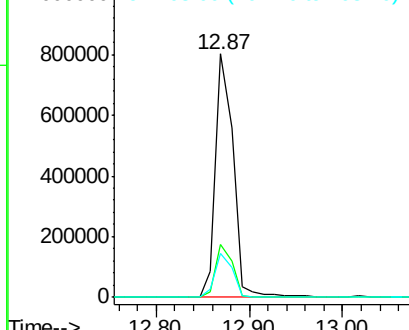
#77
 Pyrene
 Concen: 50.92 ng
 RT: 12.87 min Scan# 939
 Delta R.T. -0.05 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

Tgt Ion:202 Resp: 1046220
 Ion Ratio Lower Upper
 202 100
 200 21.8 15.0 22.4
 203 18.3 14.1 21.1

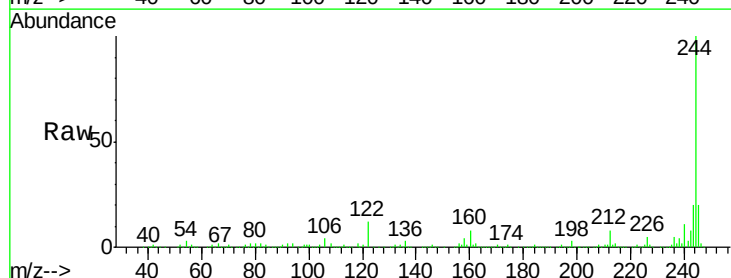


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

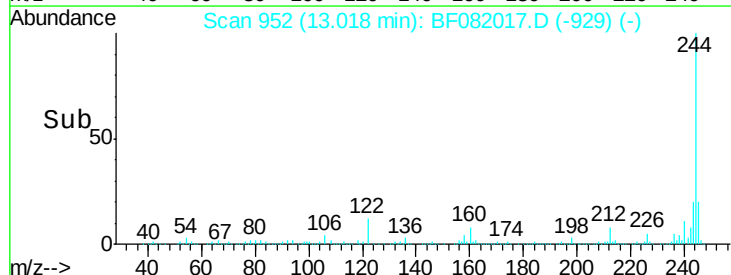
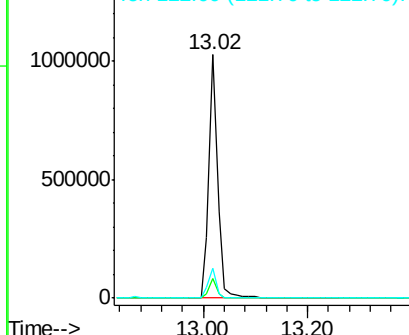


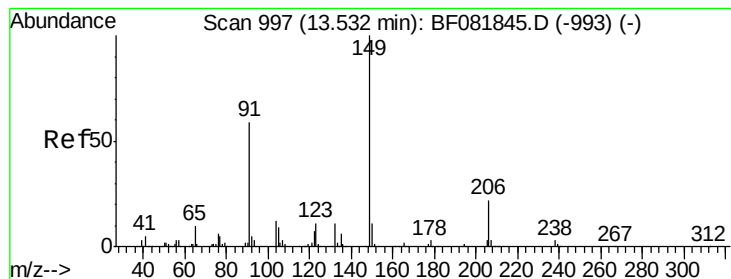
#78
 Terphenyl-d14
 Concen: 134.92 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

Tgt Ion:244 Resp: 1211847
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 12.0 17.4 26.2#



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





#79

Butylbenzylphthalate

Concen: 62.95 ng

RT: 13.50 min Scan# 994

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

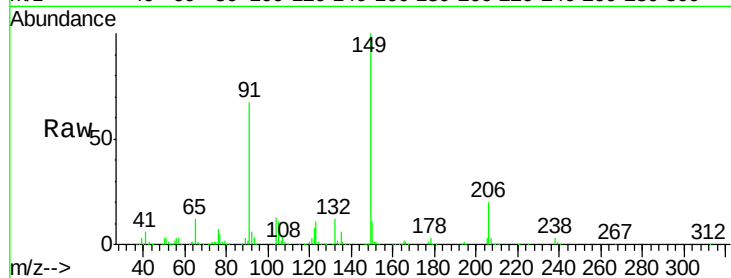
Tgt Ion:149 Resp: 486656

Ion Ratio Lower Upper

149 100

91 67.3 48.6 72.8

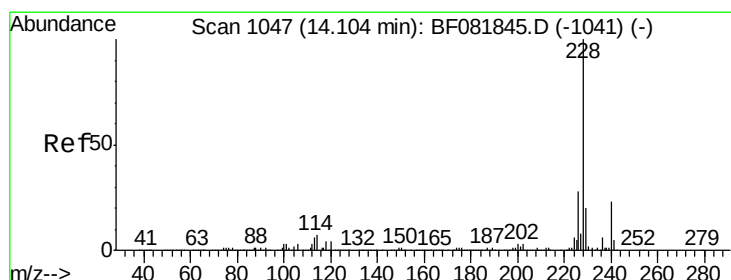
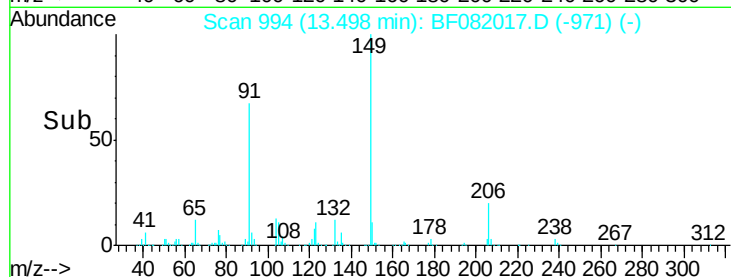
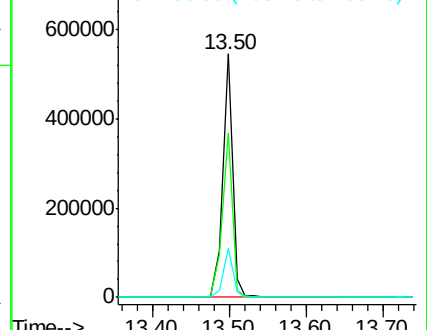
206 20.3 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 53.94 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

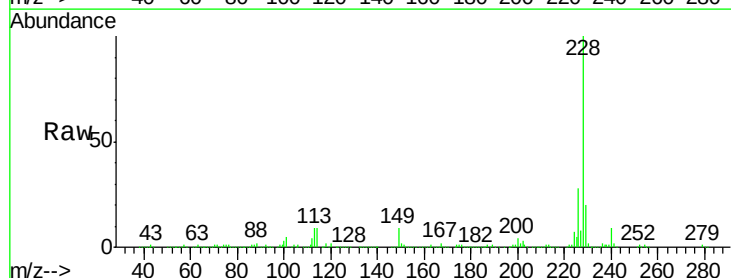
Tgt Ion:228 Resp: 998880

Ion Ratio Lower Upper

228 100

226 28.3 20.0 30.0

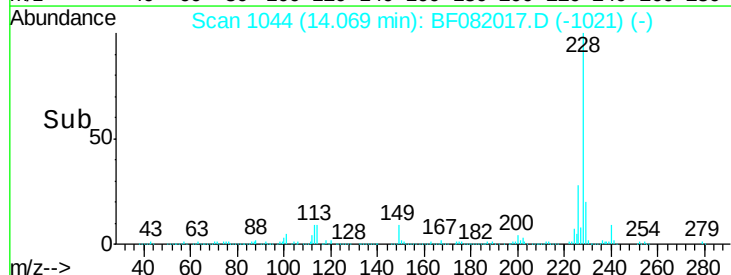
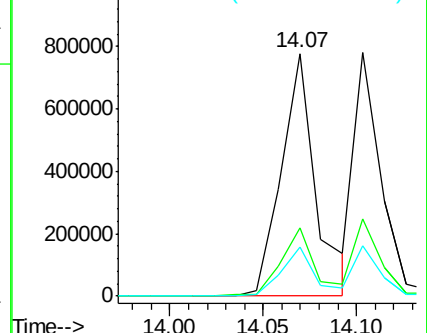
229 20.5 15.4 23.2

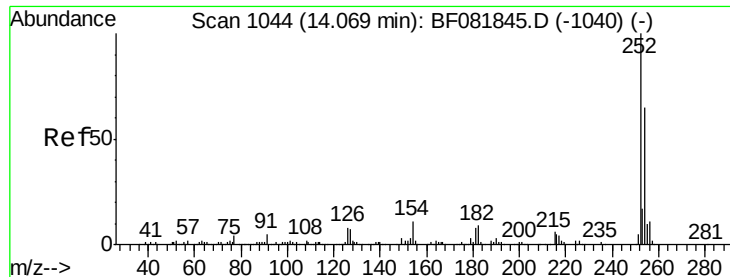


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

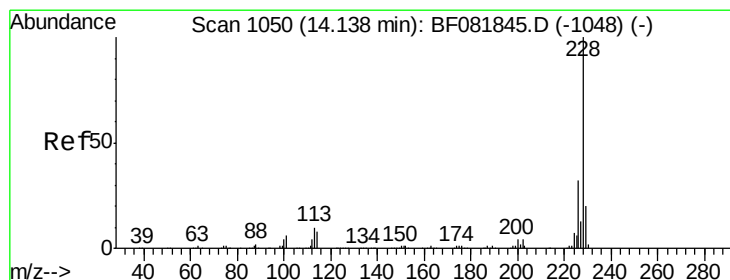
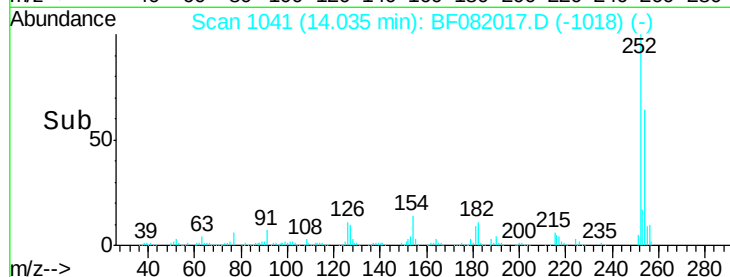
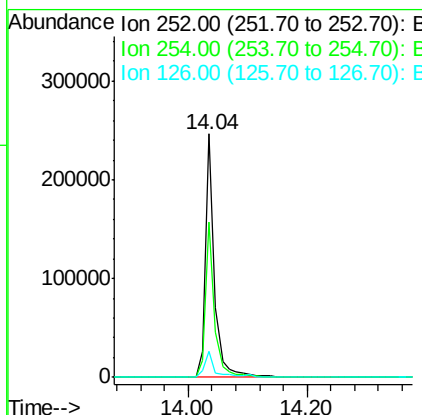
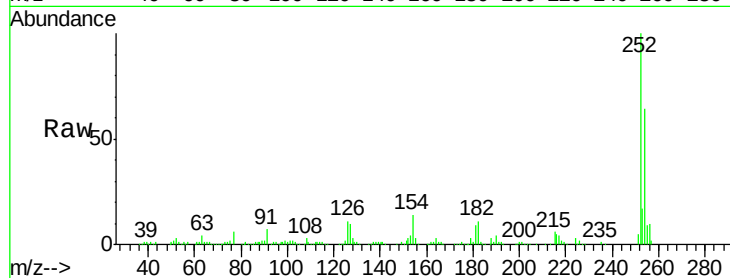




#81
 3,3'-Dichlorobenzidine
 Concen: 42.65 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

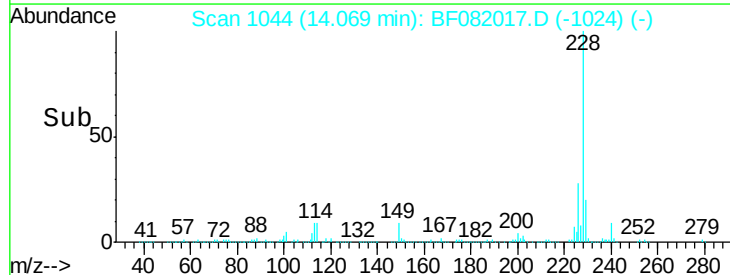
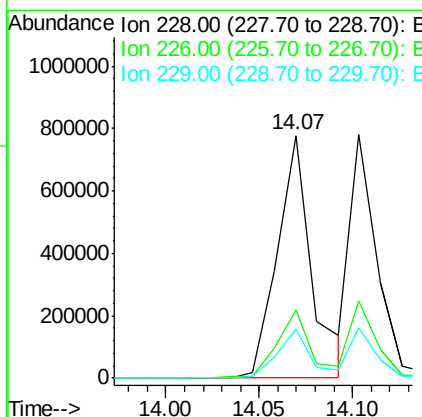
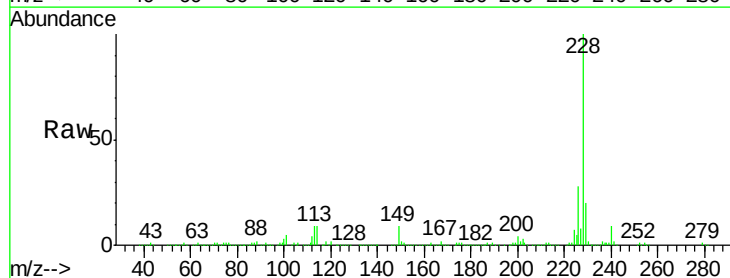
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

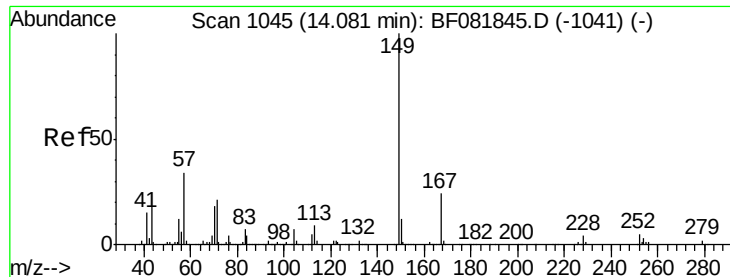
Tgt Ion: 252 Resp: 266742
 Ion Ratio Lower Upper
 252 100
 254 63.8 51.4 77.2
 126 10.6 16.4 24.6#



#82
 Chrysene
 Concen: Below Cal
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.07 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

Tgt Ion: 228 Resp: 998880
 Ion Ratio Lower Upper
 228 100
 226 28.3 21.0 31.4
 229 20.5 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 64.63 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

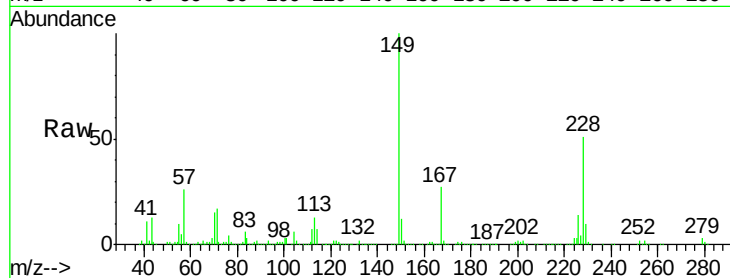
Tgt Ion:149 Resp: 626781

Ion Ratio Lower Upper

149 100

167 26.5 24.2 36.2

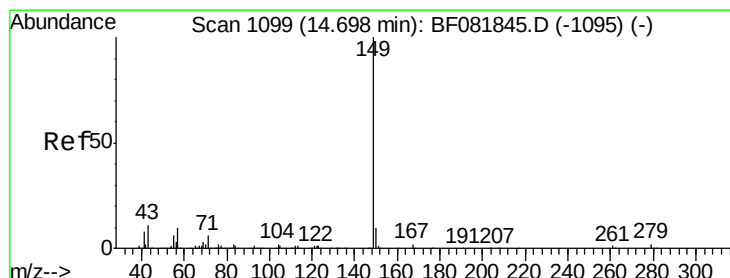
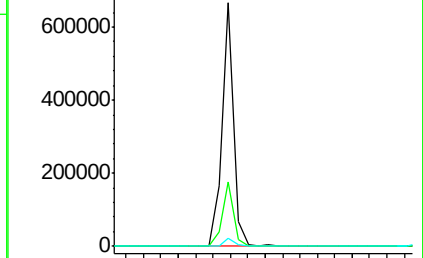
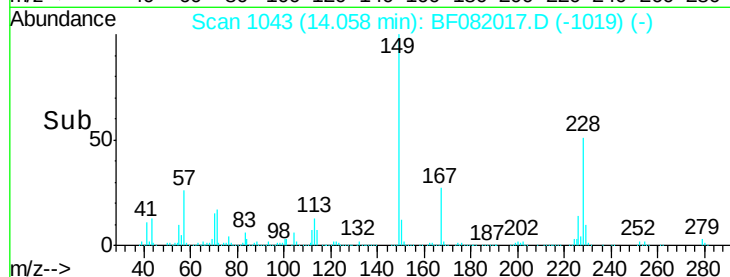
279 3.1 3.8 5.6#



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: 69.48 ng

RT: 14.68 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

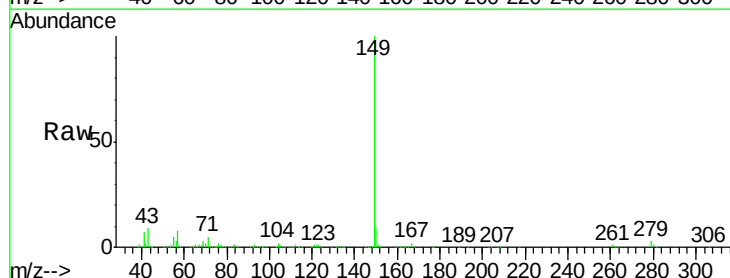
Tgt Ion:149 Resp: 1096507

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

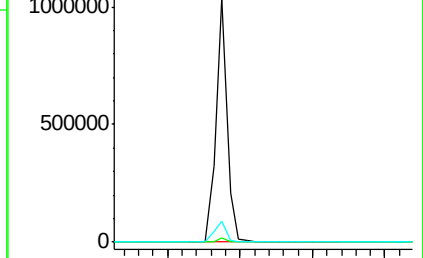
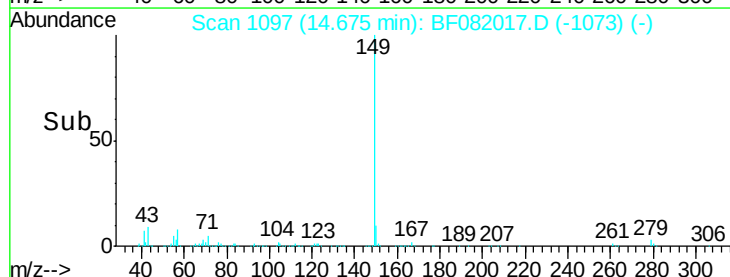
43 9.1 10.2 15.2#

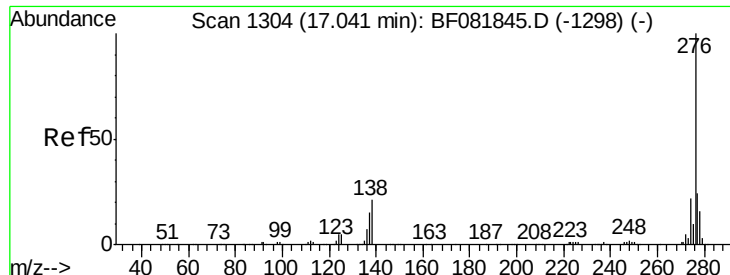


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

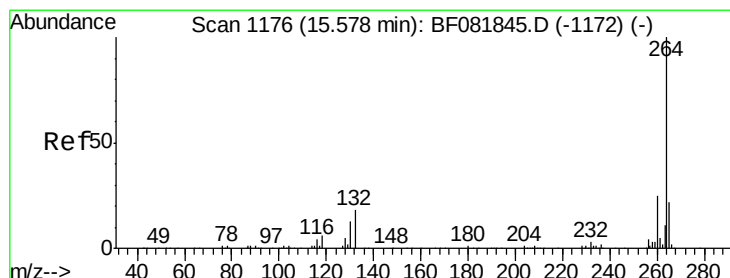
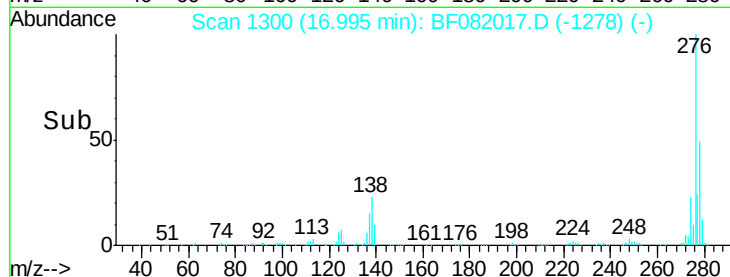
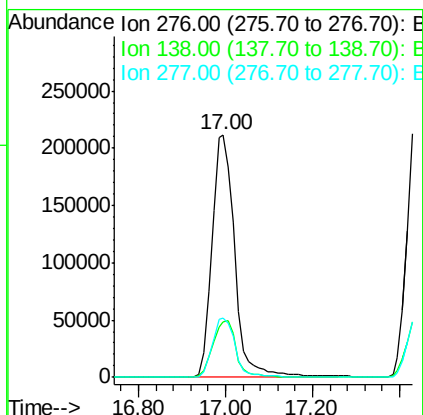
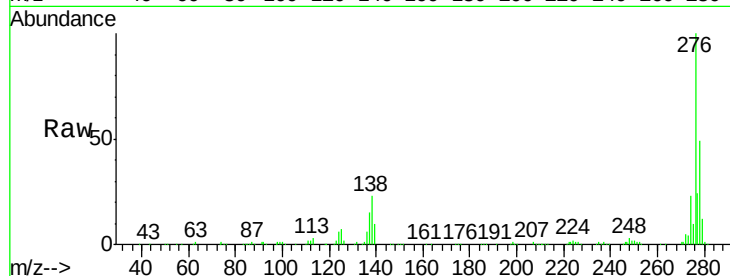




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.07 ng
 RT: 17.00 min Scan# 1300
 Delta R.T. -0.05 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

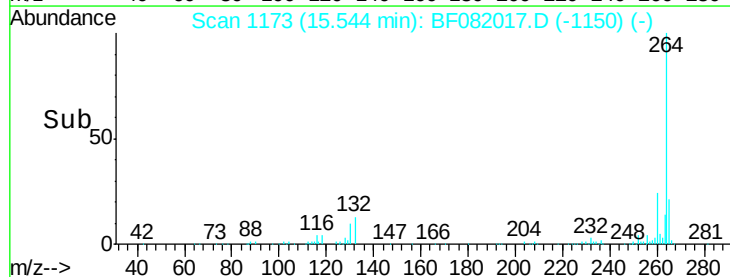
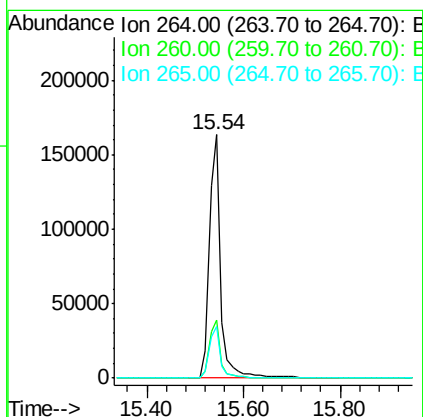
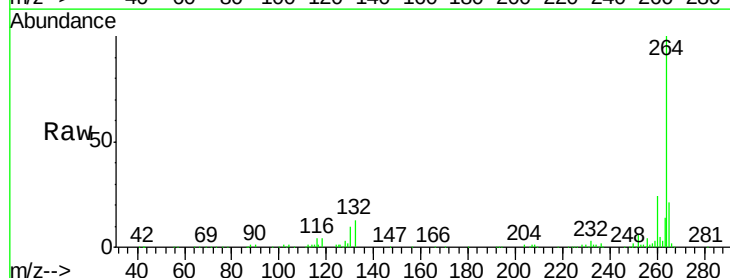
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MS

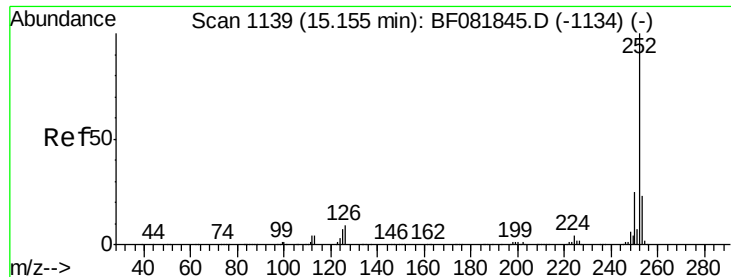
Tgt Ion: 276 Resp: 783381
 Ion Ratio Lower Upper
 276 100
 138 24.4 25.7 38.5#
 277 24.9 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 1173
 Delta R.T. -0.03 min
 Lab File: BF082017.D
 Acq: 3 Oct 2015 11:30

Tgt Ion: 264 Resp: 268867
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.4 17.2 25.8

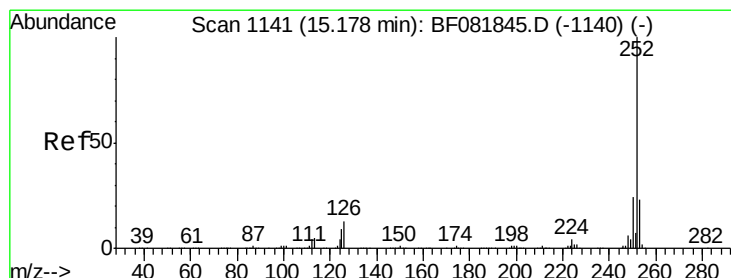
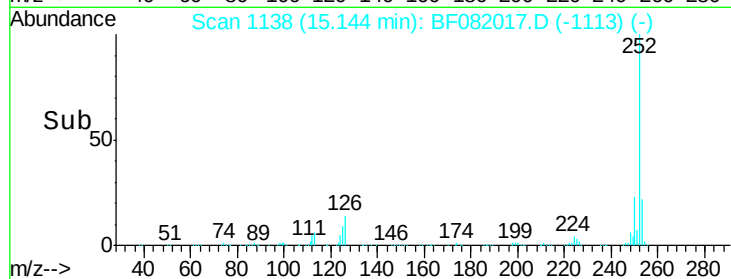
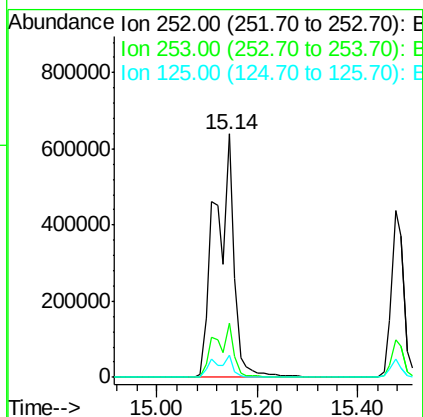
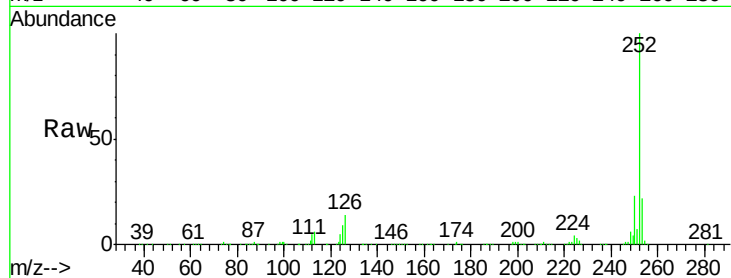




#87
Benzo(b)fluoranthene
Concen: 108.94 ng
RT: 15.14 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF082017.D
Acq: 3 Oct 2015 11:30

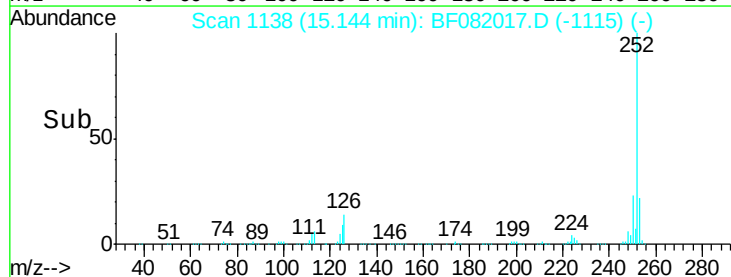
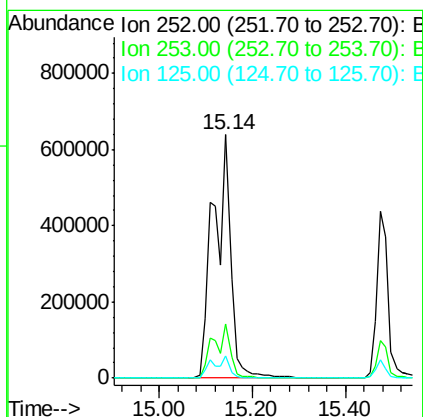
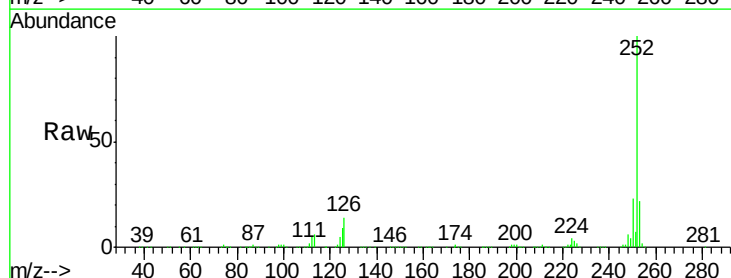
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MS

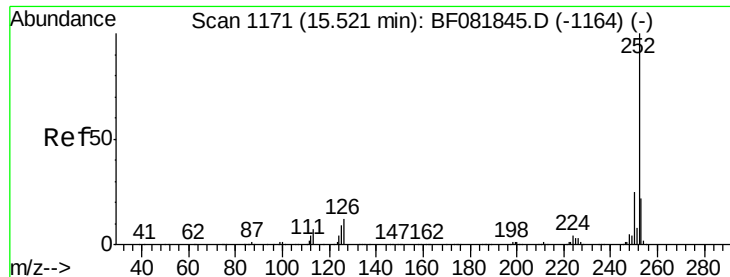
Tgt Ion:252 Resp: 1672287
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.3 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 119.00 ng
RT: 15.14 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF082017.D
Acq: 3 Oct 2015 11:30

Tgt Ion:252 Resp: 1674194
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 9.3 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 58.11 ng

RT: 15.48 min Scan# 1167

Delta R.T. -0.05 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS

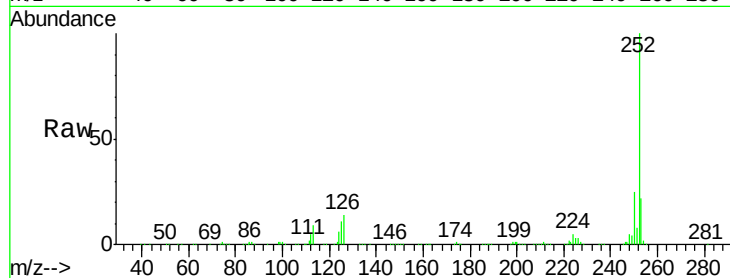
Tgt Ion:252 Resp: 773732

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

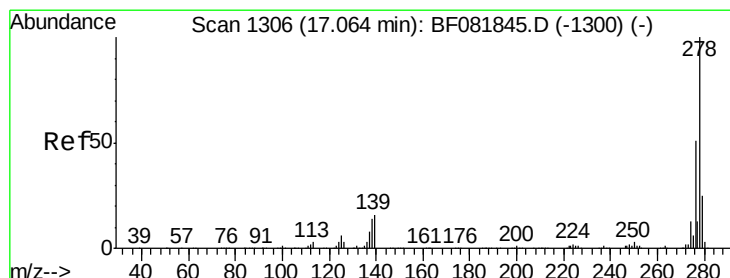
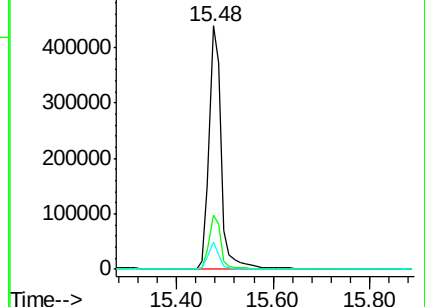
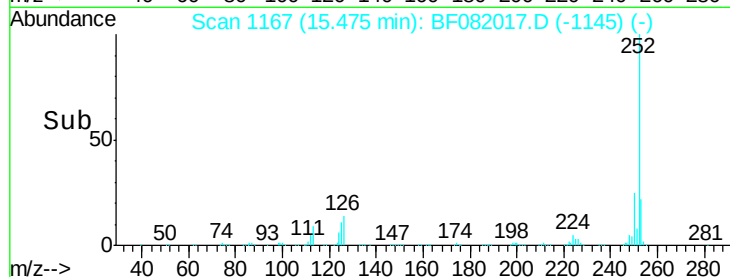
125 11.0 18.0 27.0#



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: 58.53 ng

RT: 17.02 min Scan# 1302

Delta R.T. -0.05 min

Lab File: BF082017.D

Acq: 3 Oct 2015 11:30

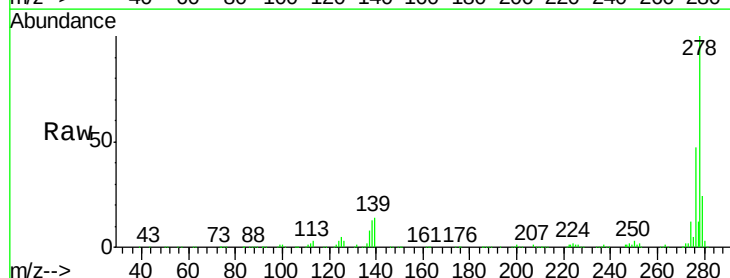
Tgt Ion:278 Resp: 653874

Ion Ratio Lower Upper

278 100

139 14.3 26.3 39.5#

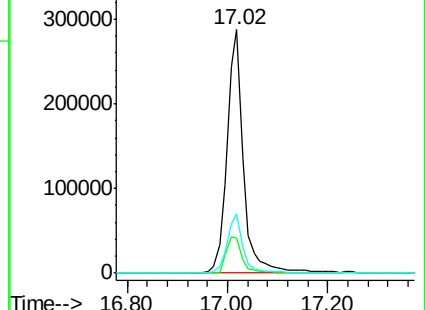
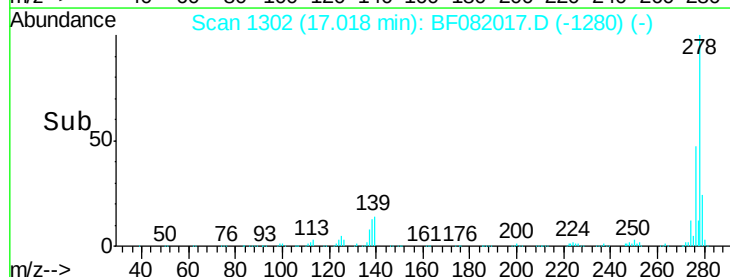
279 24.4 18.2 27.4

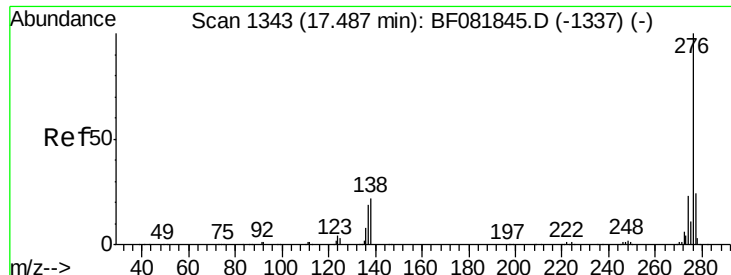


Abundance Ion 278.00 (277.70 to 278.70): E

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: 55.64 ng

RT: 17.44 min Scan# 1339

Delta R.T. -0.05 min

Lab File: BF082017.D

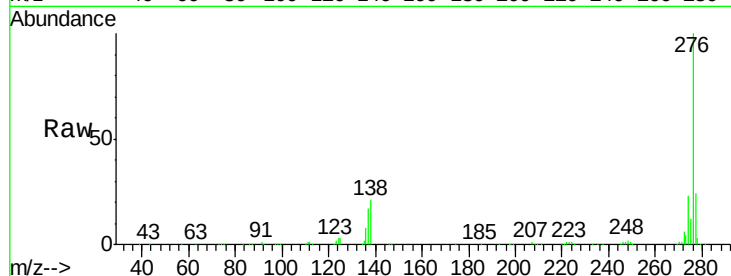
Acq: 3 Oct 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MS



Tgt Ion: 276 Resp: 637046

Ion Ratio Lower Upper

276 100

277 23.9 17.8 26.6

138 20.6 34.6 51.8#

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

