

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
 Data File : BF081203.D
 Acq On : 25 Aug 2015 17:29
 Operator : UM/IZ
 Sample : G3407-11MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P003-BF003-01MS

Quant Time: Aug 26 15:21:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	71420	20.00	ng	-0.01
21) Naphthalene-d8	7.82	136	279824	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	123039	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	244660	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	205912	20.00	ng	-0.01
86) Perylene-d12	14.97	264	164143	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	465112	97.95	ng	0.00
7) Phenol-d6	6.18	99	621750	100.36	ng	-0.01
23) Nitrobenzene-d5	7.10	82	391619	63.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	97633	91.54	ng	-0.01
44) 2-Fluorobiphenyl	8.89	172	637270	67.86	ng	-0.01
78) Terphenyl-d14	12.61	244	589832	61.41	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	1.99	88	61887	27.66	ng	94
3) Pyridine	2.60	79	165286	26.17	ng	# 80
4) n-Nitrosodimethylamine	2.55	42	102194	29.06	ng	# 76
6) Aniline	6.18	93	190116	21.10	ng	# 51
8) 2-Chlorophenol	6.31	128	172037	33.10	ng	97
9) Benzaldehyde	6.07	77	38446	9.63	ng	90
10) Phenol	6.20	94	253167	34.60	ng	85
11) bis(2-Chloroethyl)ether	6.28	93	175033	31.18	ng	91
12) 1,3-Dichlorobenzene	6.47	146	175038	31.34	ng	95
13) 1,4-Dichlorobenzene	6.55	146	173648	31.40	ng	97
14) 1,2-Dichlorobenzene	6.70	146	168340	32.53	ng	96
15) Benzyl Alcohol	6.69	79	168951	33.71	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.82	45	330002	29.91	ng	99
17) 2-Methylphenol	6.81	107	142367	31.92	ng	94
18) Hexachloroethane	7.04	117	71258	31.89	ng	93
19) n-Nitroso-di-n-propylamine	6.96	70	135743	31.63	ng	89
20) 3+4-Methylphenols	6.96	107	172800	30.53	ng	# 52
22) Acetophenone	6.95	105	248798	33.87	ng	# 86
24) Nitrobenzene	7.12	77	222325	34.71	ng	97
25) Isophorone	7.36	82	351799	30.80	ng	99
26) 2-Nitrophenol	7.44	139	89264	33.51	ng	# 61
27) 2,4-Dimethylphenol	7.49	122	137001	29.07	ng	94
28) bis(2-Chloroethoxy)methane	7.59	93	216532	32.09	ng	# 99
29) 2,4-Dichlorophenol	7.68	162	138291	34.86	ng	92
30) 1,2,4-Trichlorobenzene	7.76	180	145956	33.10	ng	99
31) Naphthalene	7.84	128	482878	30.96	ng	99
32) Benzoic acid	7.57	122	6980m	2.63	ng	
33) 4-Chloroaniline	7.90	127	117247	17.81	ng	# 82
34) Hexachlorobutadiene	7.96	225	79162	31.75	ng	100
35) Caprolactam	8.26	113	47875m	34.53	ng	
36) 4-Chloro-3-methylphenol	8.39	107	151487	32.04	ng	100
37) 2-Methylnaphthalene	8.53	142	322058	32.69	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	134160	33.80	ng	99
40) Hexachlorocyclopentadiene	8.69	237	145118	70.63	ng	99

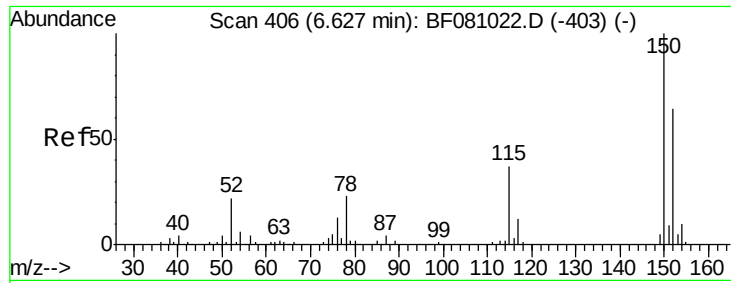
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
 Data File : BF081203.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	90937	32.43	ng	94
43) 2,4,5-Trichlorophenol	8.86	196	94148	33.59	ng	98
45) 1,1'-Biphenyl	9.00	154	409920	37.82	ng	98
46) 2-Chloronaphthalene	9.01	162	278548	31.99	ng	# 90
47) 2-Nitroaniline	9.11	65	111512	31.30	ng	98
48) Acenaphthylene	9.42	152	434315	27.89	ng	99
49) Dimethylphthalate	9.30	163	422586	41.70	ng	99
50) 2,6-Dinitrotoluene	9.36	165	64533	29.66	ng	# 68
51) Acenaphthene	9.59	154	263974	28.31	ng	99
52) 3-Nitroaniline	9.52	138	60282	22.14	ng	97
53) 2,4-Dinitrophenol	9.64	184	53960	49.20	ng	# 65
54) Dibenzofuran	9.76	168	383728	30.71	ng	91
55) 4-Nitrophenol	9.70	139	118334	61.89	ng	# 79
56) 2,4-Dinitrotoluene	9.76	165	88019	30.52	ng	# 68
57) Fluorene	10.10	166	305059	31.74	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.89	232	74408m	34.30	ng	
59) Diethylphthalate	10.00	149	337008	31.42	ng	98
60) 4-Chlorophenyl-phenylether	10.10	204	137198	33.73	ng	100
61) 4-Nitroaniline	10.14	138	88471	31.79	ng	92
62) Azobenzene	10.26	77	431964	34.95	ng	96
64) 4,6-Dinitro-2-methylphenol	10.17	198	47365	32.42	ng	# 42
65) n-Nitrosodiphenylamine	10.23	169	289122	33.11	ng	99
66) 4-Bromophenyl-phenylether	10.58	248	77036	32.05	ng	# 62
67) Hexachlorobenzene	10.65	284	79981	32.86	ng	# 82
68) Atrazine	10.76	200	78587	32.30	ng	97
69) Pentachlorophenol	10.85	266	90597	62.03	ng	97
70) Phenanthrene	11.05	178	412946	28.48	ng	99
71) Anthracene	11.11	178	460145	32.61	ng	99
72) Carbazole	11.27	167	446854	32.89	ng	98
73) Di-n-butylphthalate	11.61	149	542360	32.99	ng	99
74) Fluoranthene	12.23	202	492777	31.49	ng	95
76) Benzidine	12.37	184	231656	29.78	ng	97
77) Pyrene	12.45	202	498519	29.78	ng	98
79) Butylbenzylphthalate	13.10	149	240088	33.37	ng	95
80) Benzo(a)anthracene	13.64	228	415016	30.05	ng	99
81) 3,3'-Dichlorobenzidine	13.61	252	87955	19.66	ng	# 96
82) Chrysene	13.67	228	322824	25.94	ng	99
83) Bis(2-ethylhexyl)phthalate	13.66	149	321083	34.84	ng	# 99
84) Di-n-octyl phthalate	14.27	149	534090	38.13	ng	99
85) Indeno(1,2,3-cd)pyrene	16.14	276	289731	33.16	ng	# 94
87) Benzo(b)fluoranthene	14.63	252	437176m	37.65	ng	
88) Benzo(k)fluoranthene	14.65	252	275620m	25.48	ng	
89) Benzo(a)pyrene	14.93	252	332393	32.86	ng	97
90) Dibenzo(a,h)anthracene	16.16	278	242450	30.76	ng	98
91) Benzo(g,h,i)perylene	16.49	276	235783	29.48	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.53 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

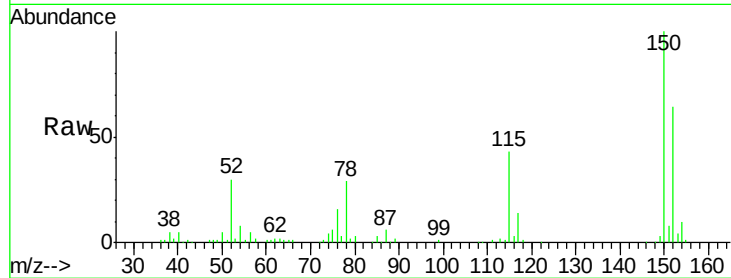
Tgt Ion:152 Resp: 71420

Ion Ratio Lower Upper

152 100

150 155.4 123.8 185.6

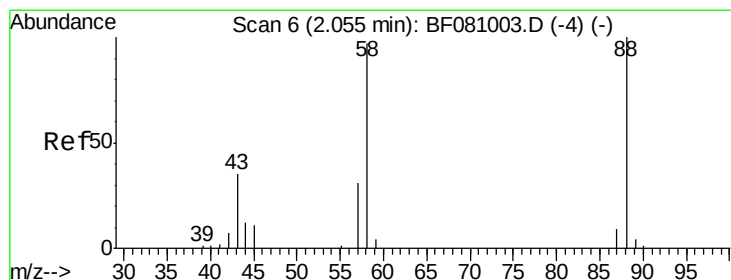
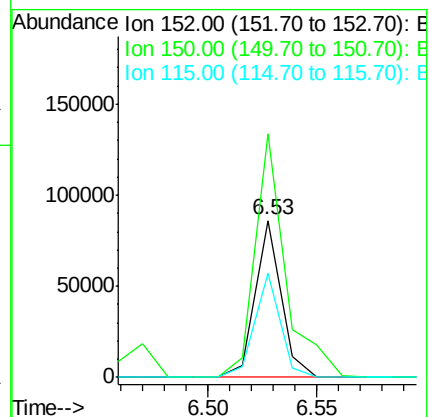
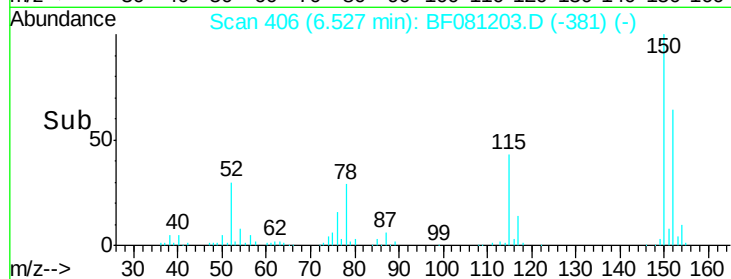
115 66.2 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.66 ng

RT: 1.99 min Scan# 9

Delta R.T. 0.06 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

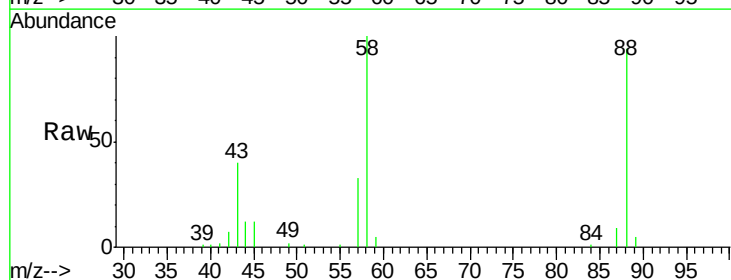
Tgt Ion: 88 Resp: 61887

Ion Ratio Lower Upper

88 100

58 100.5 83.7 125.5

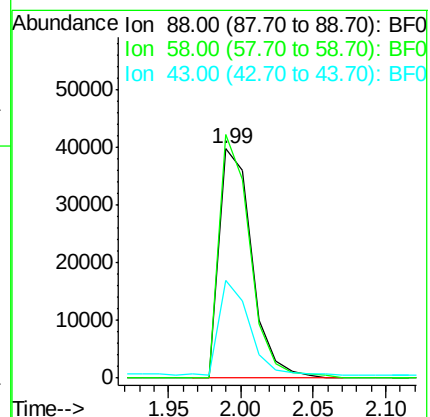
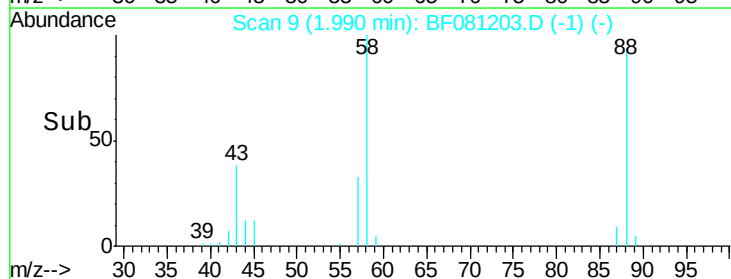
43 40.1 37.5 56.3

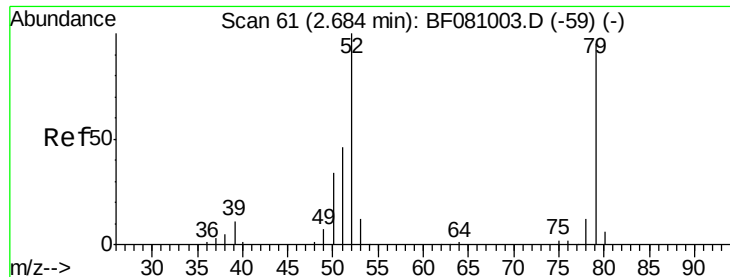


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.17 ng

RT: 2.60 min Scan# 62

Delta R.T. 0.06 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

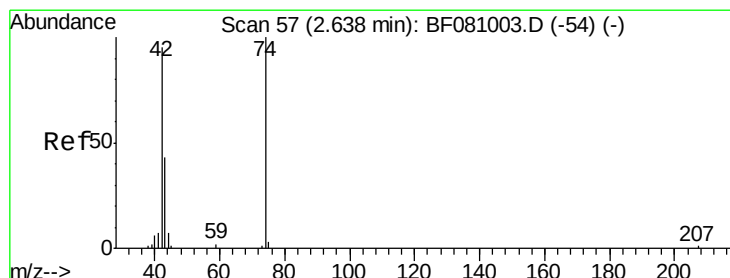
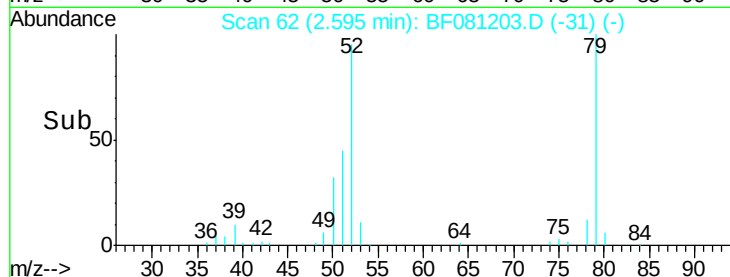
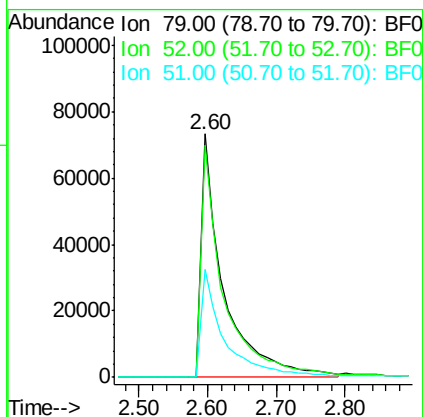
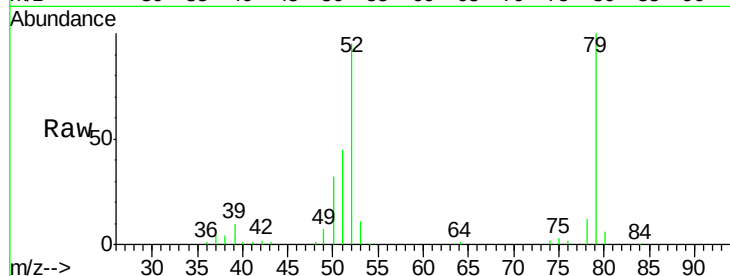
Tgt Ion: 79 Resp: 165286

Ion Ratio Lower Upper

79 100

52 95.2 95.1 142.7

51 44.6 46.6 70.0#



#4

n-Nitrosodimethylamine

Concen: 29.06 ng

RT: 2.55 min Scan# 58

Delta R.T. 0.05 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

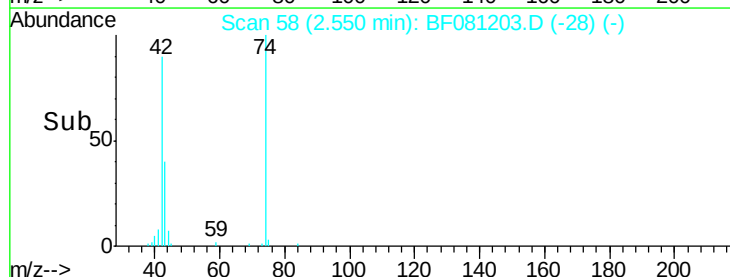
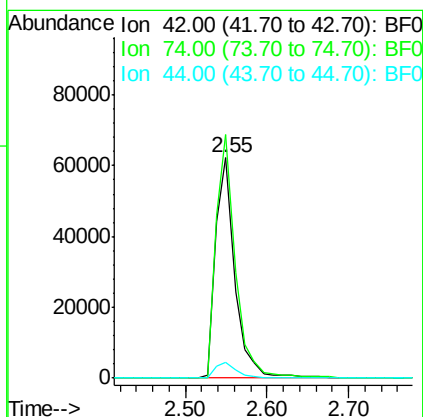
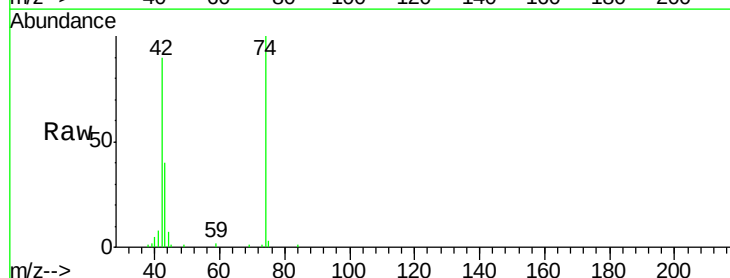
Tgt Ion: 42 Resp: 102194

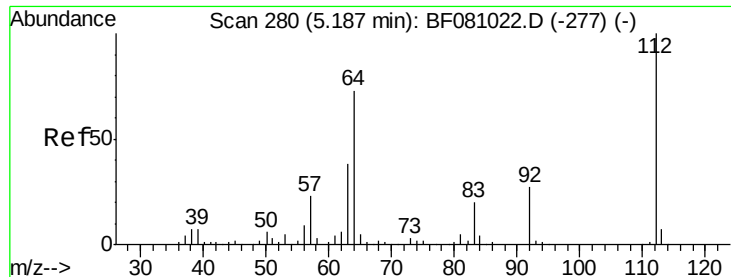
Ion Ratio Lower Upper

42 100

74 110.7 69.3 103.9#

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 97.95 ng

RT: 5.10 min Scan# 281

Delta R.T. -0.00 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

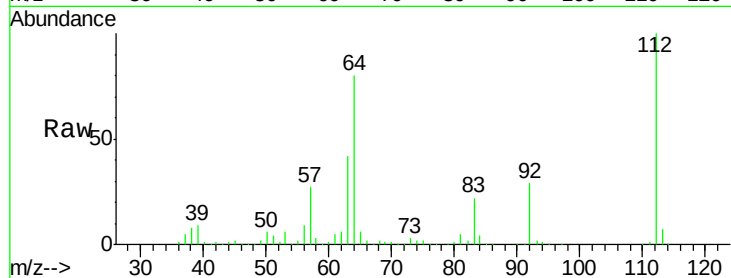
Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

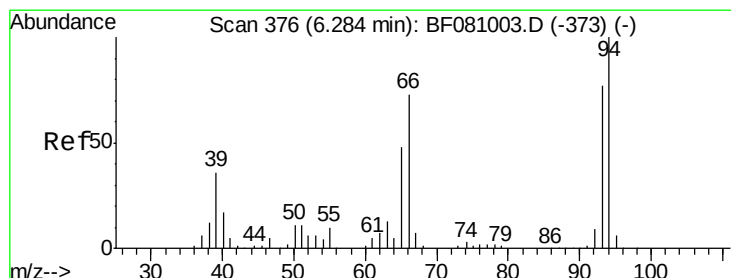
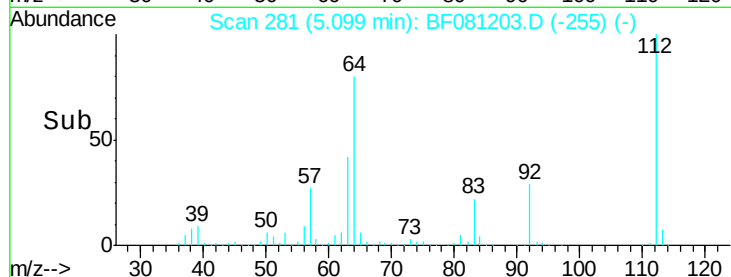
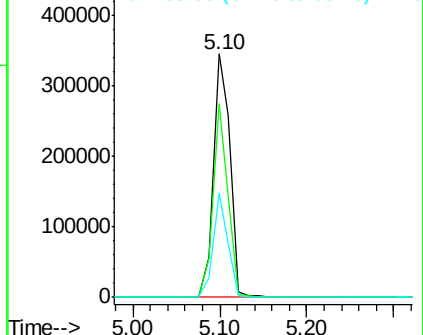
Tgt Ion:	112	Resp:	465112
Ion	Ratio	Lower	Upper
112	100		
64	79.6	66.9	100.3
63	42.5	38.1	57.1



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: 21.10 ng

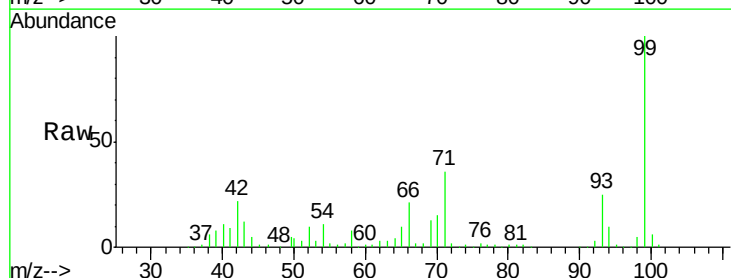
RT: 6.18 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

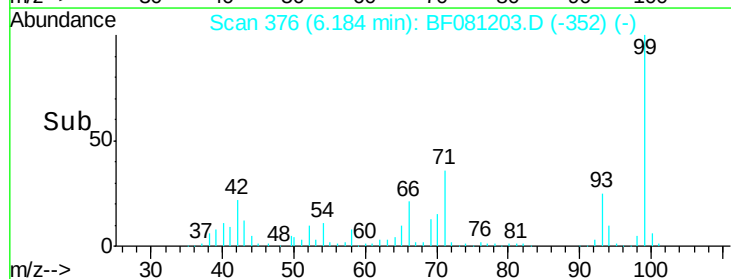
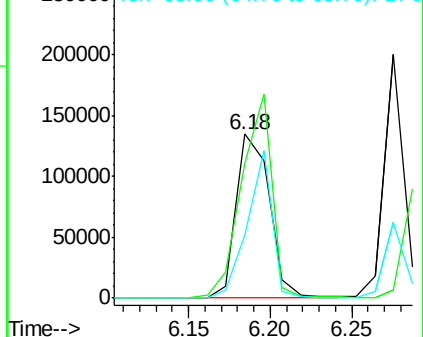
Tgt Ion:	93	Resp:	190116
Ion	Ratio	Lower	Upper
93	100		
66	82.3	35.6	53.4#
65	38.5	18.7	28.1#

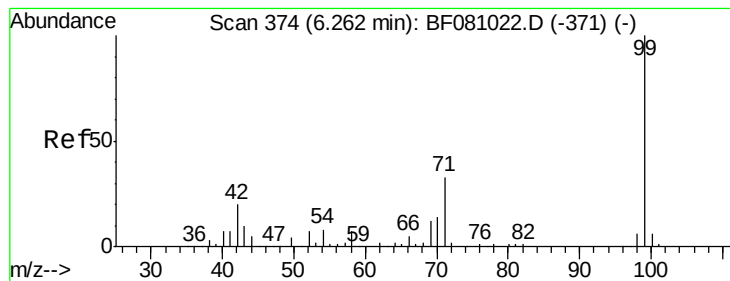


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 100.36 ng

RT: 6.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

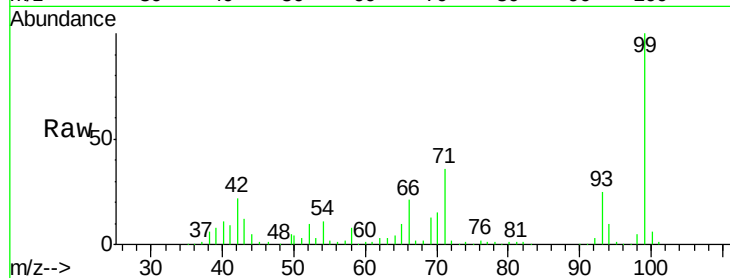
Tgt Ion: 99 Resp: 621750

Ion Ratio Lower Upper

99 100

42 22.0 19.6 29.4

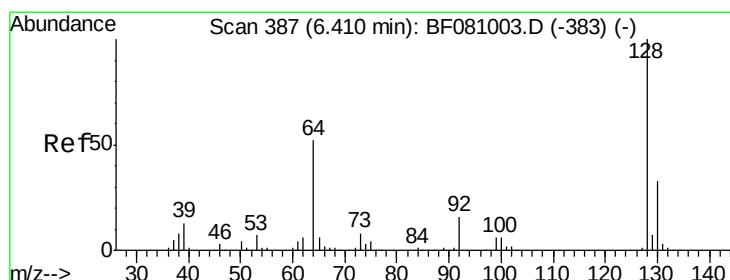
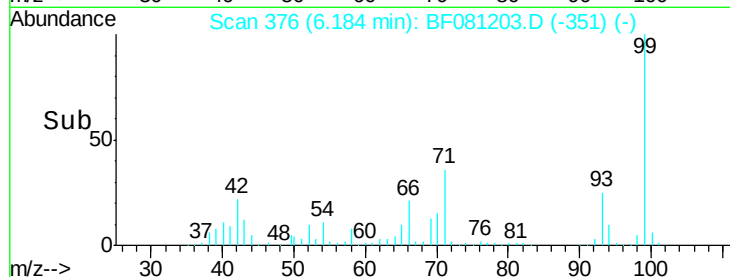
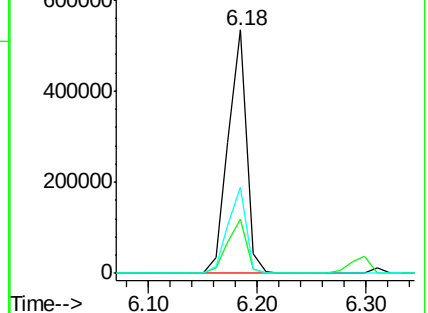
71 35.6 31.2 46.8



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: 33.10 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

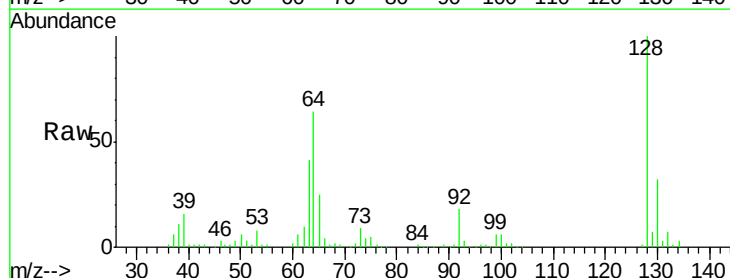
Tgt Ion: 128 Resp: 172037

Ion Ratio Lower Upper

128 100

130 32.1 12.5 52.5

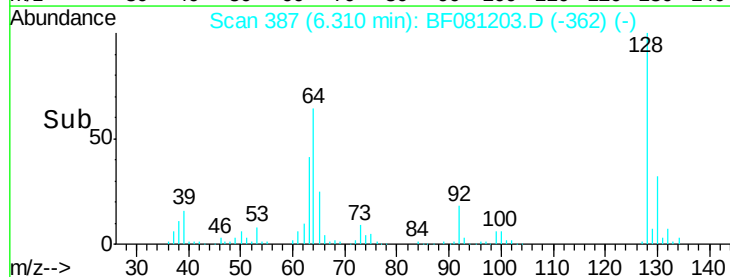
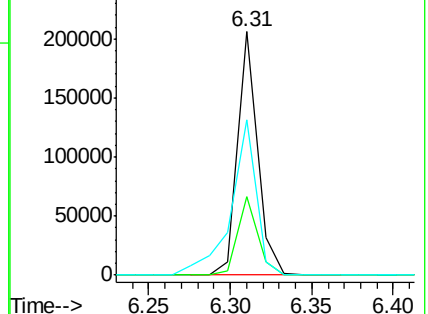
64 64.0 46.8 86.8

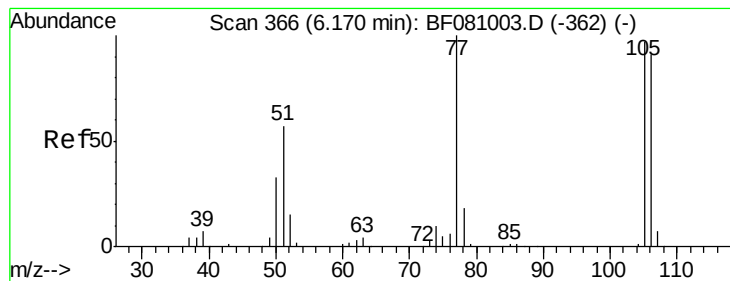


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.63 ng

RT: 6.07 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

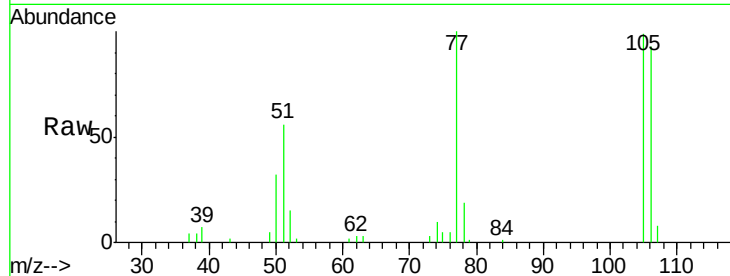
Tgt Ion: 77 Resp: 38446

Ion Ratio Lower Upper

77 100

105 98.6 69.6 109.6

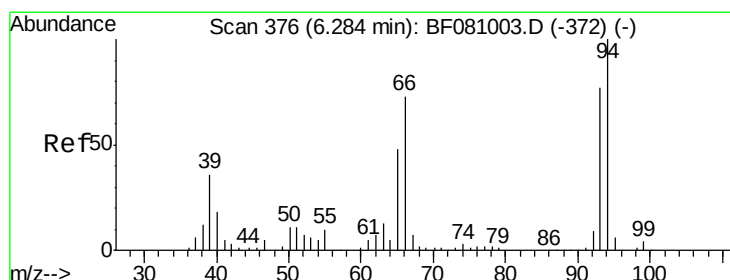
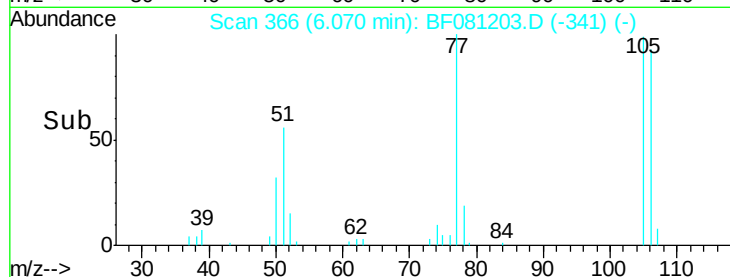
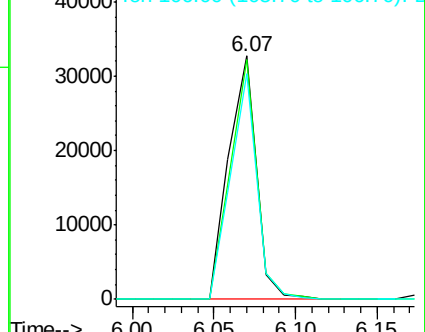
106 92.8 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.60 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

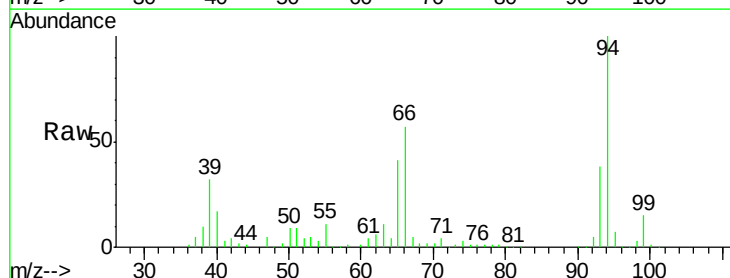
Tgt Ion: 94 Resp: 253167

Ion Ratio Lower Upper

94 100

65 41.2 28.4 68.4

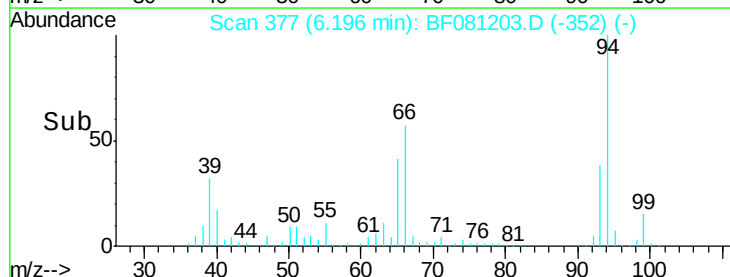
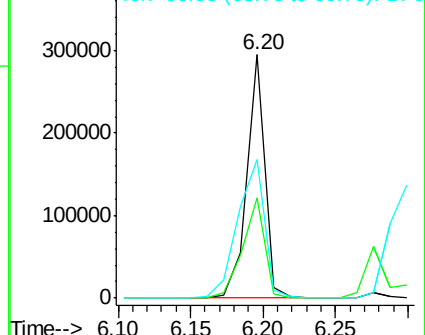
66 56.7 52.3 92.3

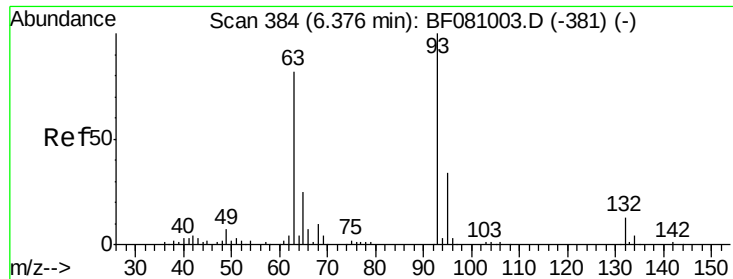


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 31.18 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

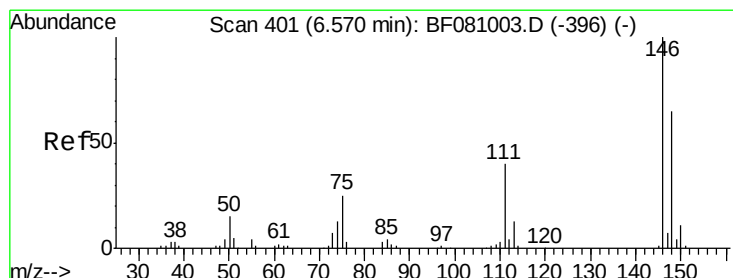
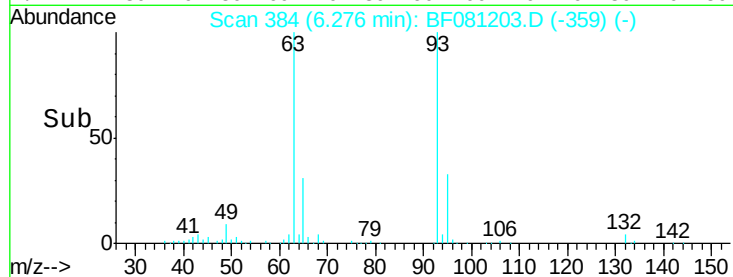
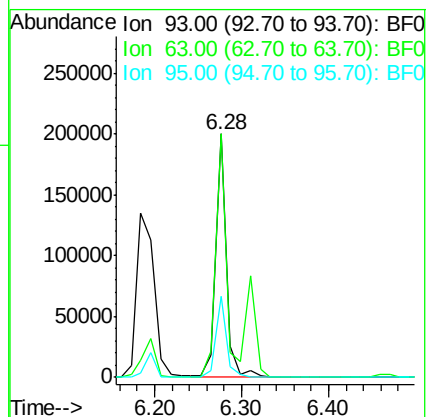
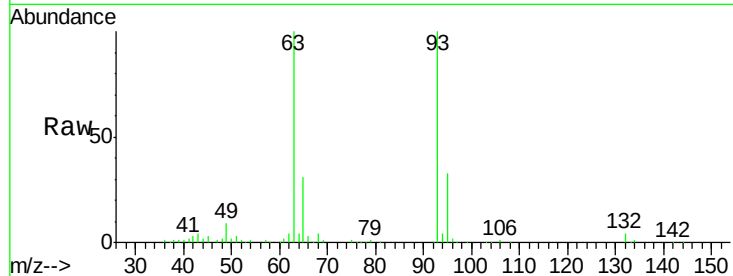
Tgt Ion: 93 Resp: 175033

Ion Ratio Lower Upper

93 100

63 100.0 69.6 109.6

95 33.3 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 31.34 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

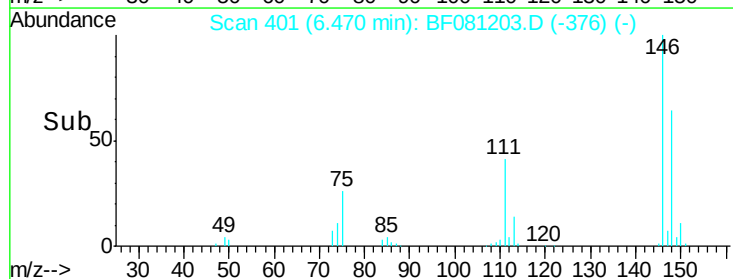
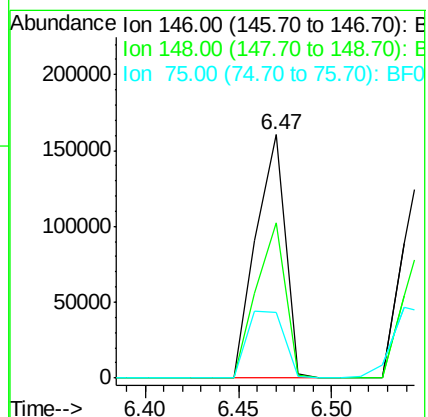
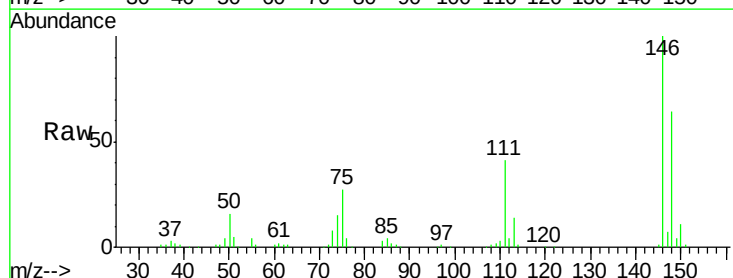
Tgt Ion: 146 Resp: 175038

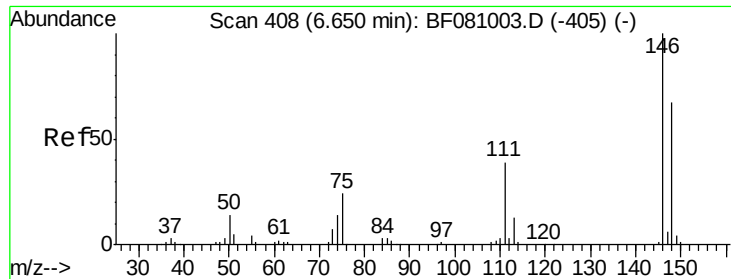
Ion Ratio Lower Upper

146 100

148 63.8 53.3 79.9

75 27.1 25.0 37.6

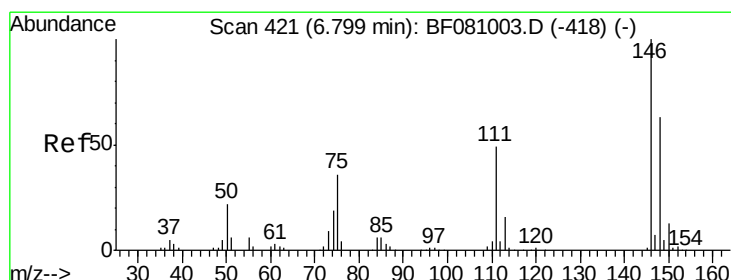
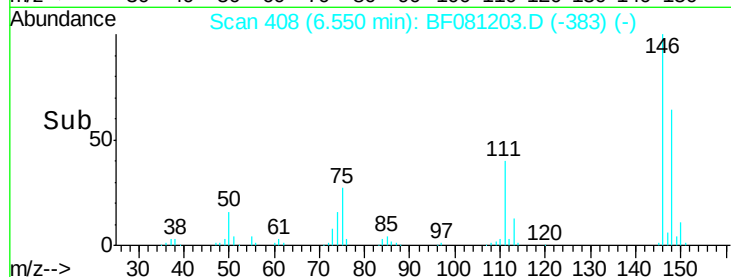
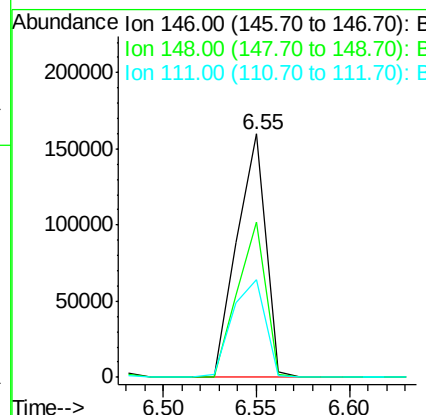
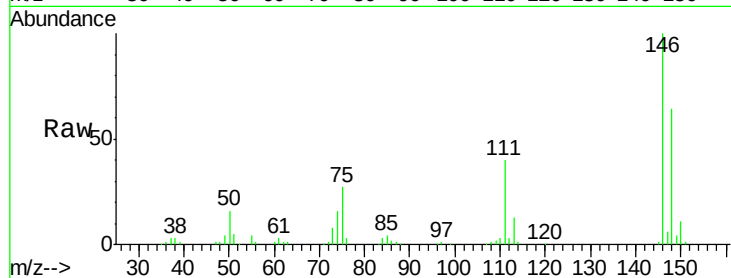




#13
 1,4-Dichlorobenzene
 Concen: 31.40 ng
 RT: 6.55 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

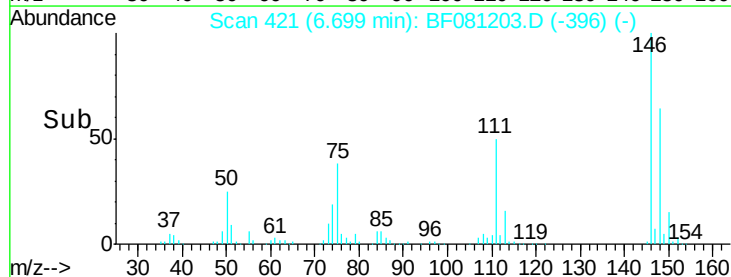
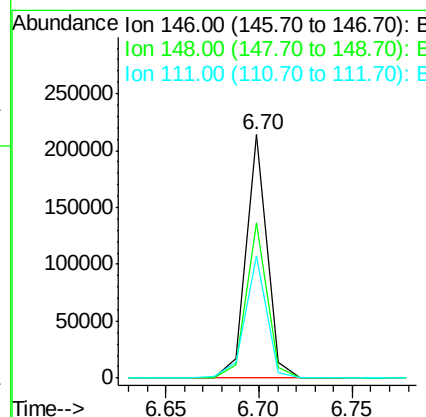
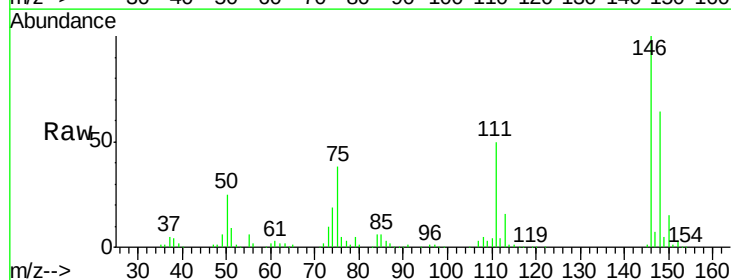
Instrument :
 BNA_F
 ClientSampleId :
 P003-BF003-01MS

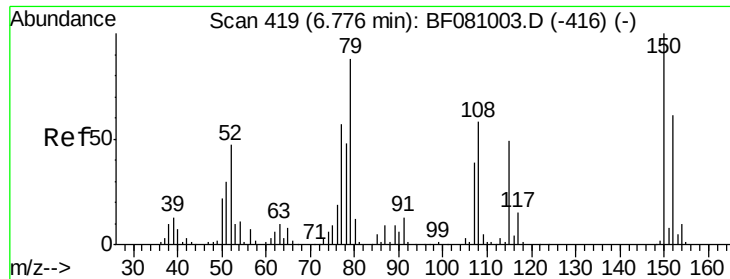
Tgt Ion:146 Resp: 173648
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.3 78.5
 111 40.1 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 32.53 ng
 RT: 6.70 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

Tgt Ion:146 Resp: 168340
 Ion Ratio Lower Upper
 146 100
 148 63.8 48.7 73.1
 111 49.9 42.3 63.5

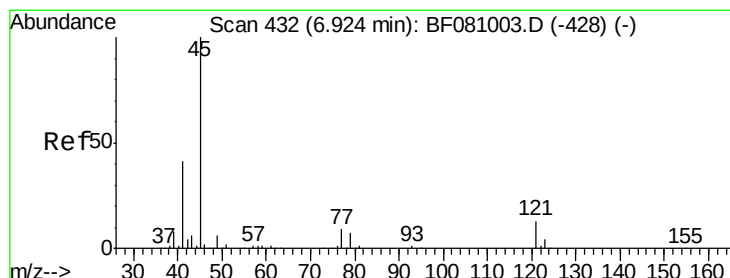
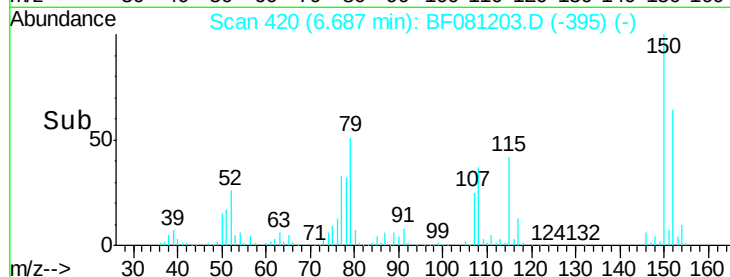
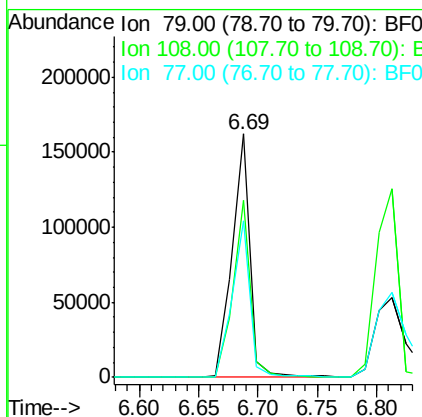
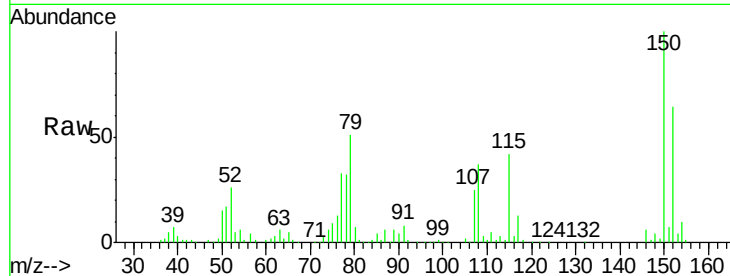




#15
Benzyl Alcohol
Concen: 33.71 ng
RT: 6.69 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF081203.D
Acq: 25 Aug 2015 17:29

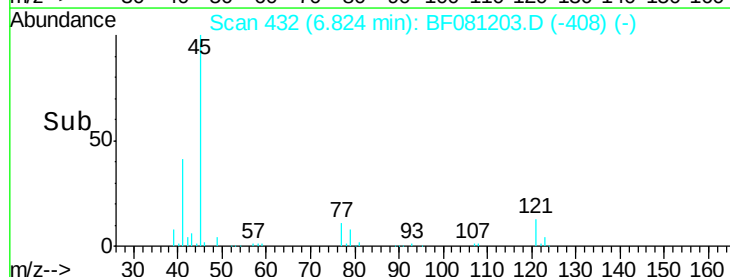
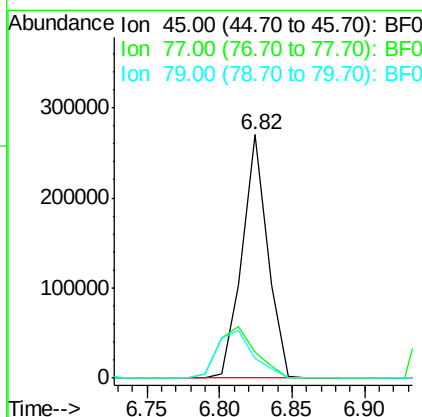
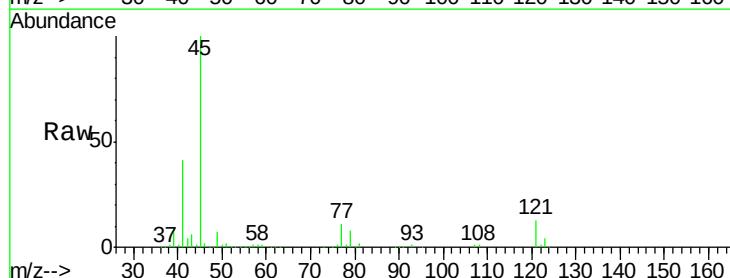
Instrument :
BNA_F
ClientSampleId :
P003-BF003-01MS

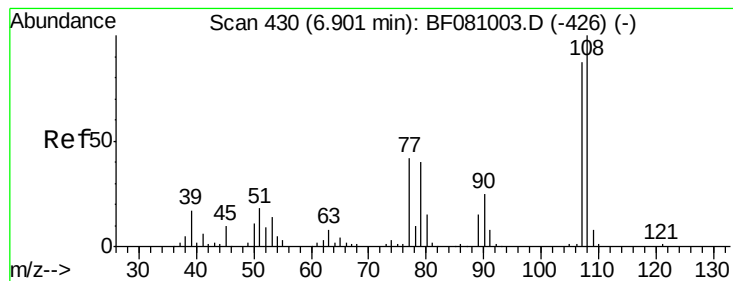
Tgt Ion: 79 Resp: 168951
Ion Ratio Lower Upper
79 100
108 72.5 49.4 74.2
77 64.3 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.91 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF081203.D
Acq: 25 Aug 2015 17:29

Tgt Ion: 45 Resp: 330002
Ion Ratio Lower Upper
45 100
77 10.6 0.0 30.2
79 8.2 0.0 28.0

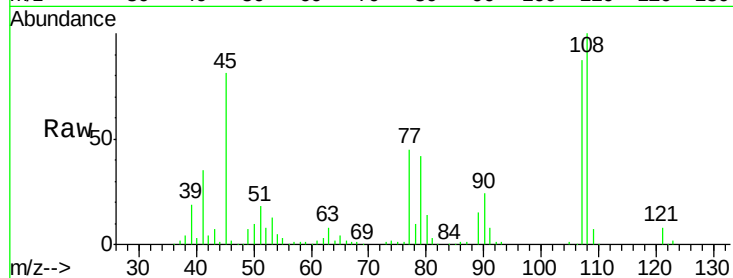




#17
2-Methylphenol
Concen: 31.92 ng
RT: 6.81 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF081203.D
Acq: 25 Aug 2015 17:29

Instrument :
BNA_F
ClientSampleId :
P003-BF003-01MS

Tgt Ion:	107	Resp:	142367
Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.4	135.6
77	51.6	46.5	69.7
79	48.6	46.3	69.5



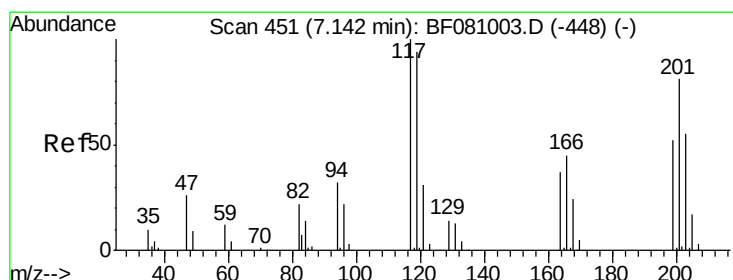
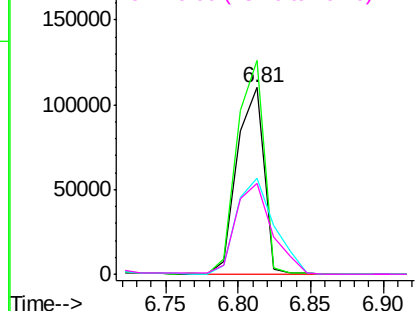
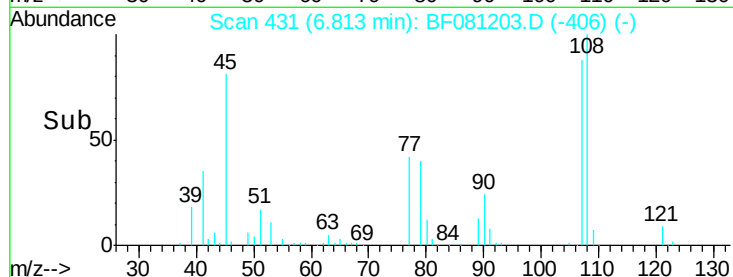
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

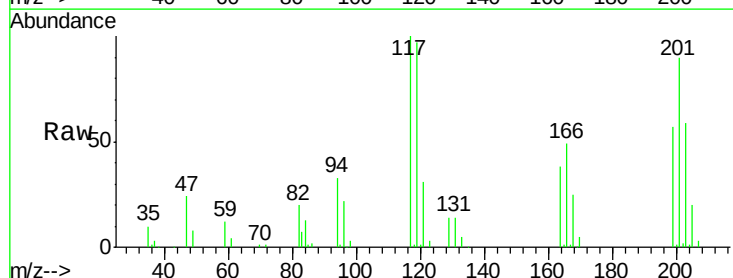
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 31.89 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF081203.D
Acq: 25 Aug 2015 17:29

Tgt Ion:	117	Resp:	71258
Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.9	116.9
201	90.2	61.3	91.9

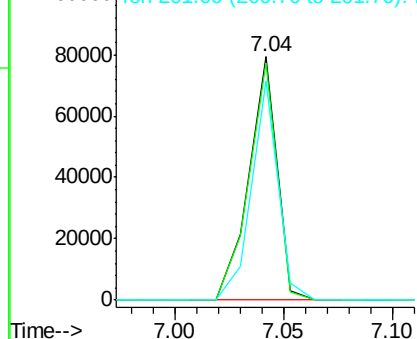
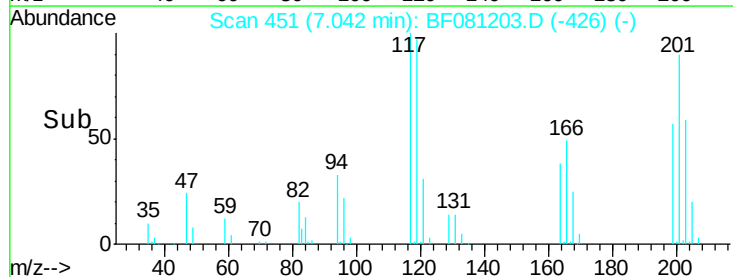


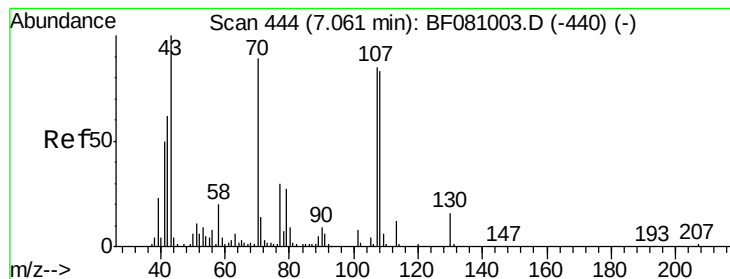
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 31.63 ng

RT: 6.96 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

Tgt Ion: 70 Resp: 135743

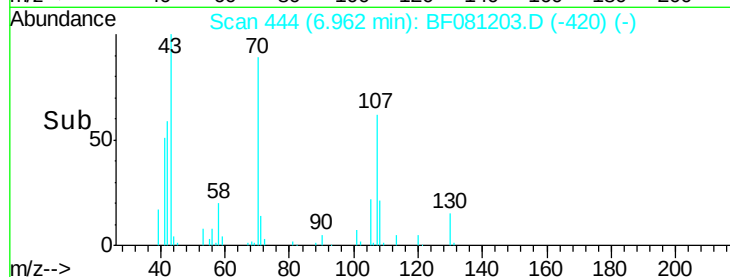
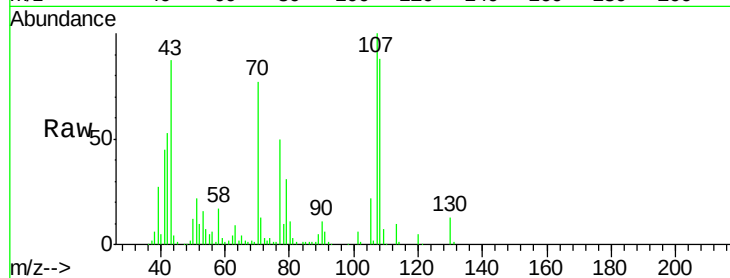
Ion Ratio Lower Upper

70 100

42 69.0 65.0 97.4

101 8.3 7.4 11.2

130 16.9 13.0 19.4



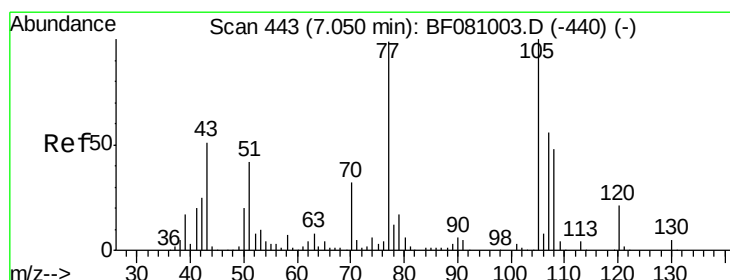
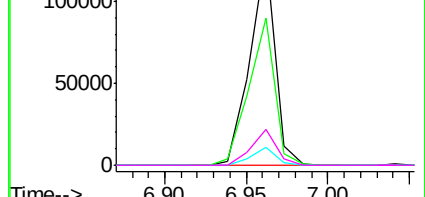
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

Time-->



#20

3+4-Methylphenols

Concen: 30.53 ng

RT: 6.96 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Tgt Ion: 107 Resp: 172800

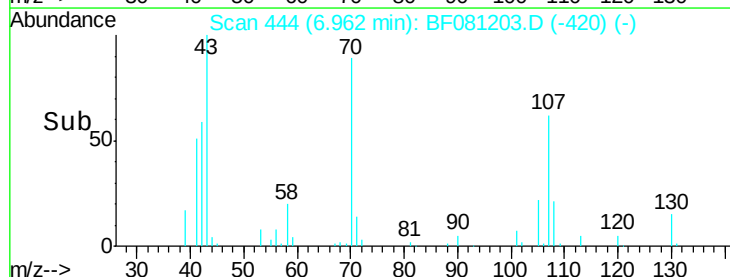
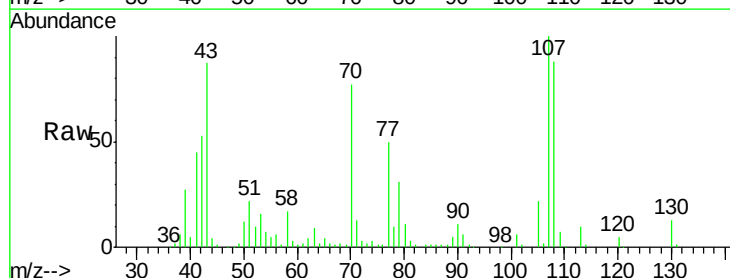
Ion Ratio Lower Upper

107 100

108 87.6 66.1 106.1

77 50.5 139.3 179.3#

79 31.1 11.9 51.9



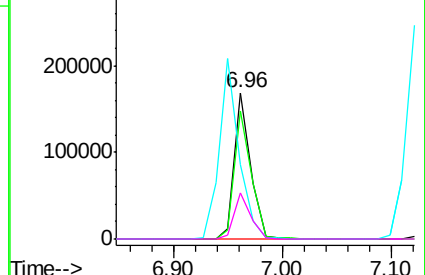
Abundance Ion 107.00 (106.70 to 107.70): BF0

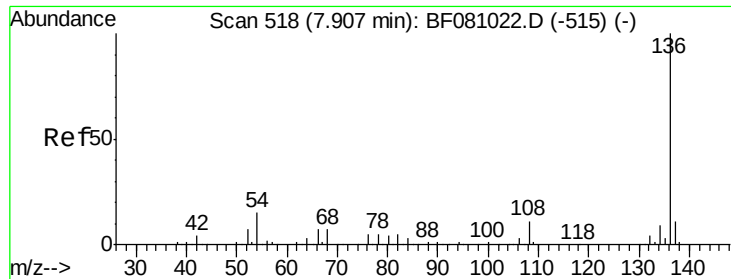
Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->

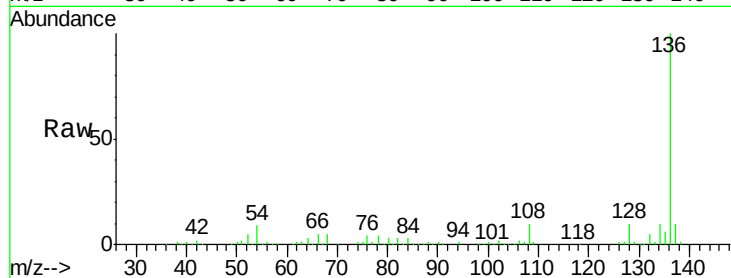




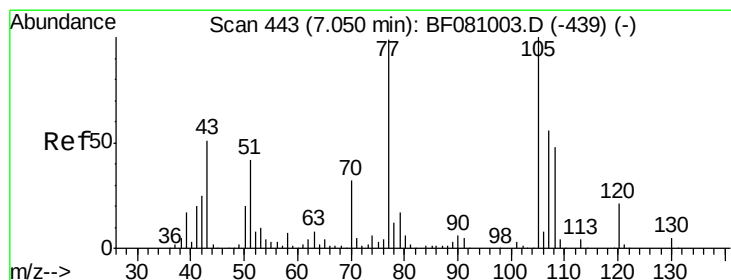
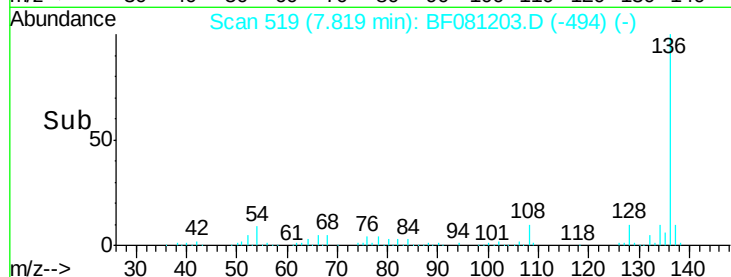
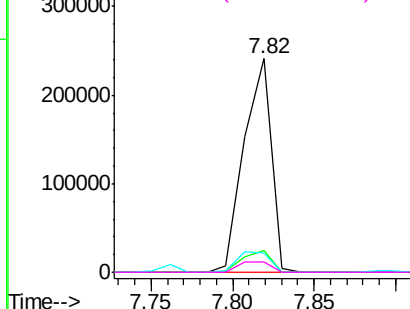
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF081203.D
Acq: 25 Aug 2015 17:29

Instrument :
BNA_F
ClientSampleId :
P003-BF003-01MS

Tgt Ion:	136	Resp:	279824
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.2
54	8.7	7.7	11.5
68	4.9	3.4	5.2

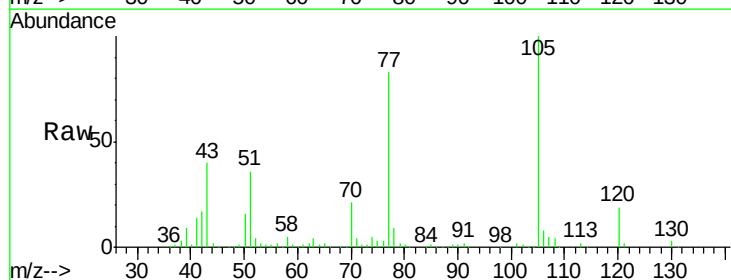


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

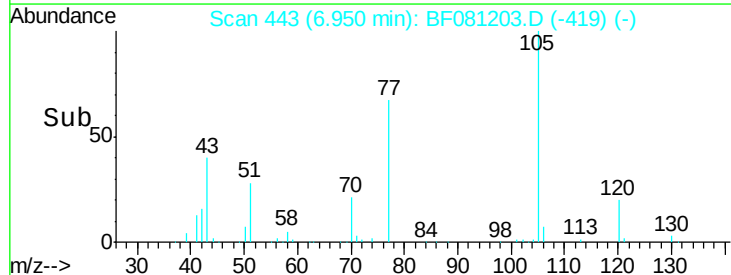
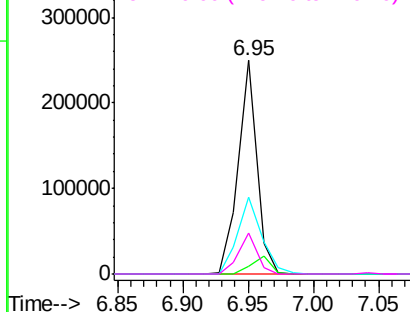


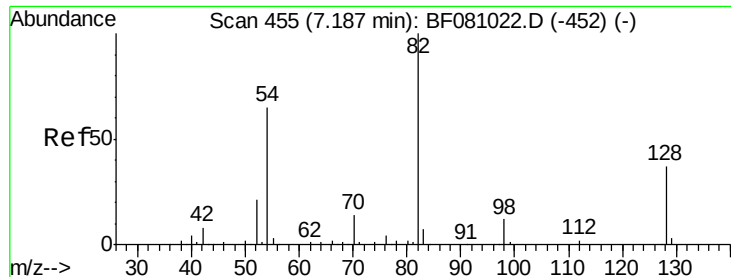
#22
Acetophenone
Concen: 33.87 ng
RT: 6.95 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF081203.D
Acq: 25 Aug 2015 17:29

Tgt Ion:	105	Resp:	248798
Ion	Ratio	Lower	Upper
105	100		
71	3.6	3.0	4.6
51	36.3	39.8	59.8#
120	19.4	15.8	23.8



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

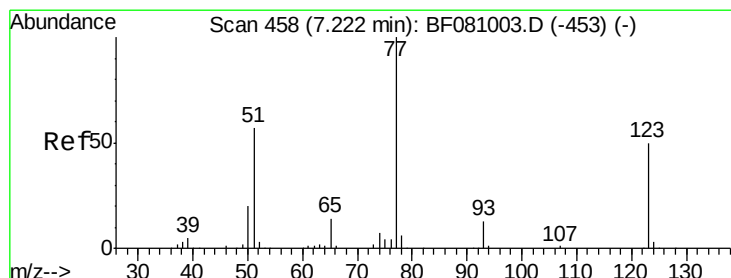
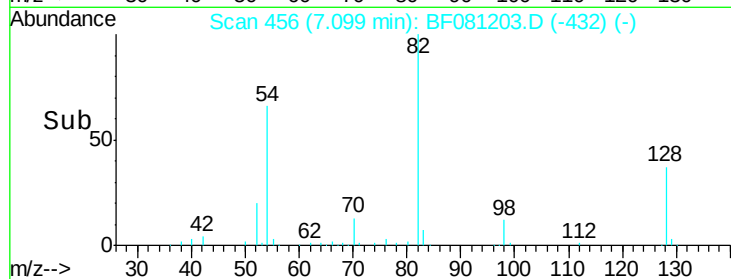
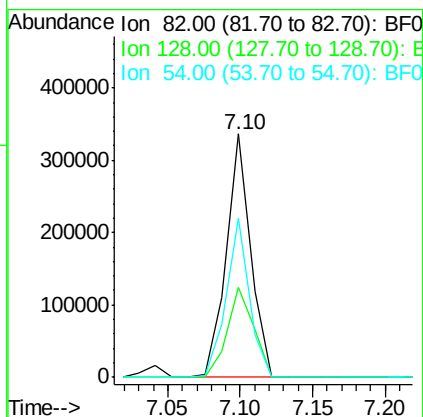
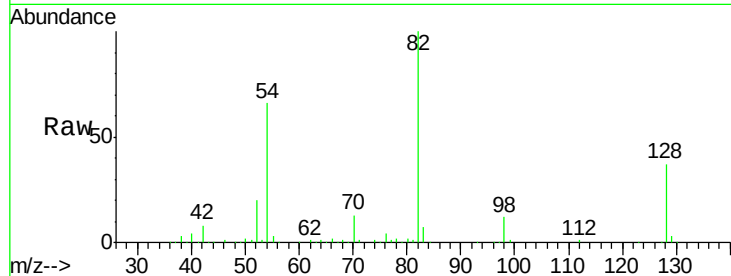




#23
 Nitrobenzene-d5
 Concen: 63.93 ng
 RT: 7.10 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

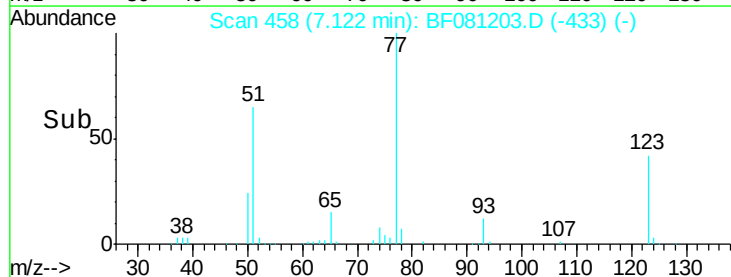
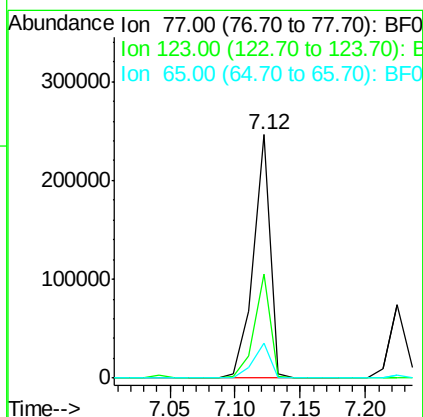
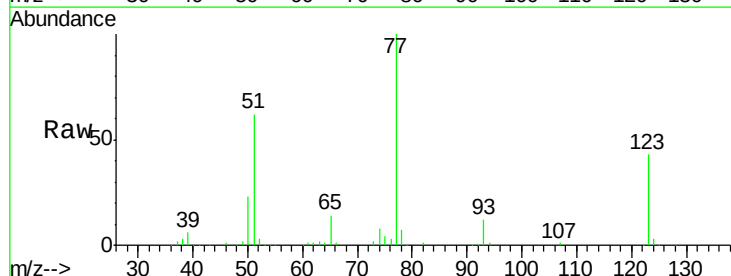
Instrument :
 BNA_F
 ClientSampleId :
 P003-BF003-01MS

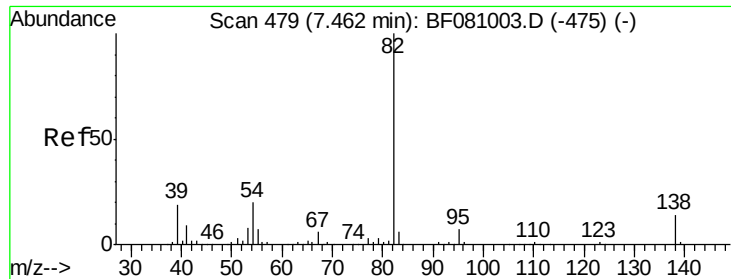
Tgt Ion: 82 Resp: 391619
 Ion Ratio Lower Upper
 82 100
 128 37.1 28.6 42.8
 54 65.6 55.1 82.7



#24
 Nitrobenzene
 Concen: 34.71 ng
 RT: 7.12 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

Tgt Ion: 77 Resp: 222325
 Ion Ratio Lower Upper
 77 100
 123 43.0 32.9 49.3
 65 14.5 12.5 18.7





#25

Isophorone

Concen: 30.80 ng

RT: 7.36 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

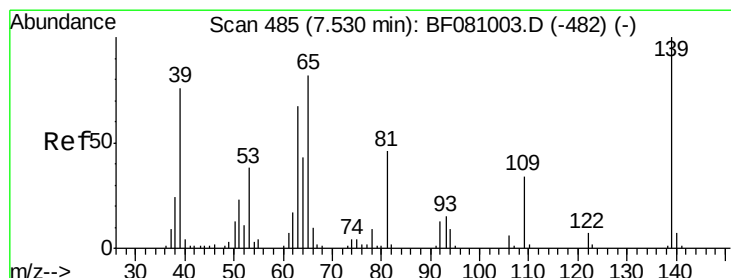
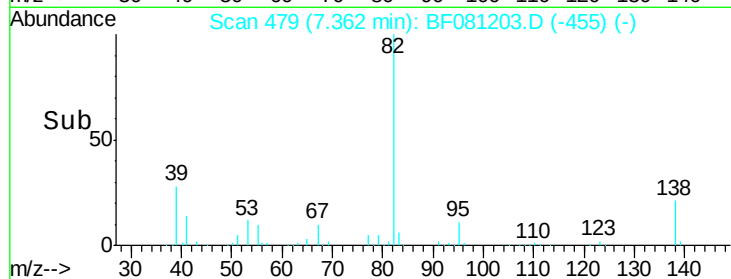
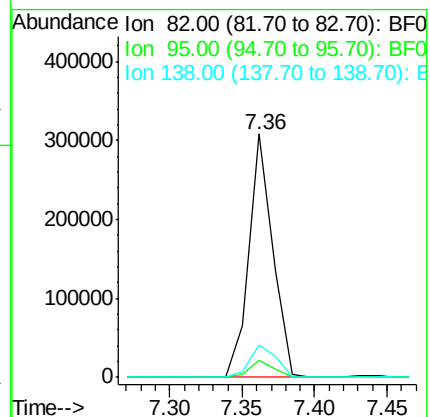
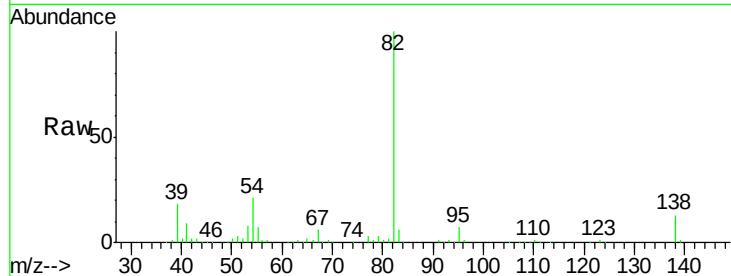
Tgt Ion: 82 Resp: 351799

Ion Ratio Lower Upper

82 100

95 7.1 6.2 9.2

138 13.4 10.5 15.7



#26

2-Nitrophenol

Concen: 33.51 ng

RT: 7.44 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

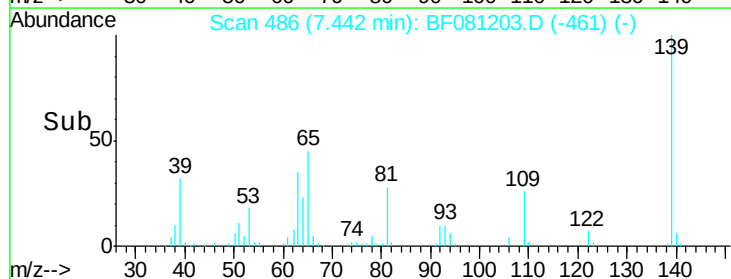
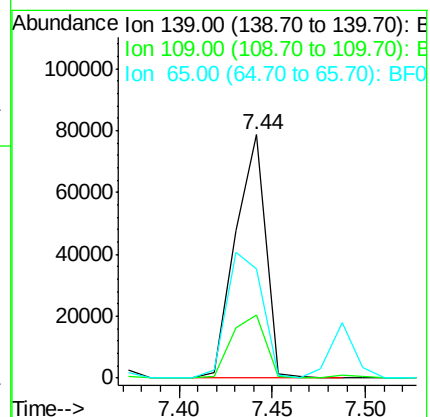
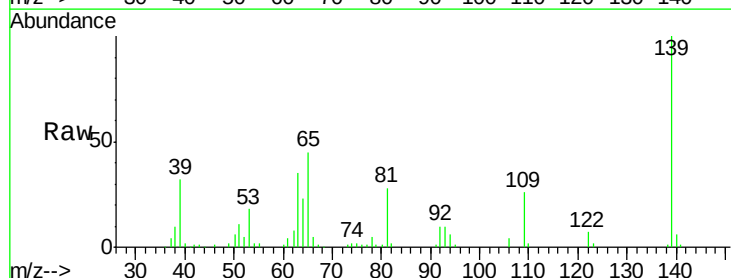
Tgt Ion: 139 Resp: 89264

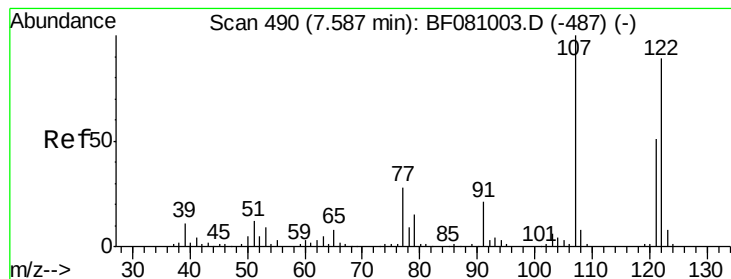
Ion Ratio Lower Upper

139 100

109 25.8 32.1 48.1#

65 44.8 69.9 104.9#





#27

2,4-Dimethylphenol

Concen: 29.07 ng

RT: 7.49 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

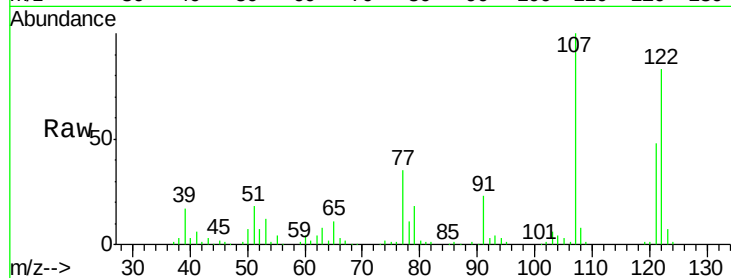
Tgt Ion:122 Resp: 137001

Ion Ratio Lower Upper

122 100

107 120.8 103.8 155.6

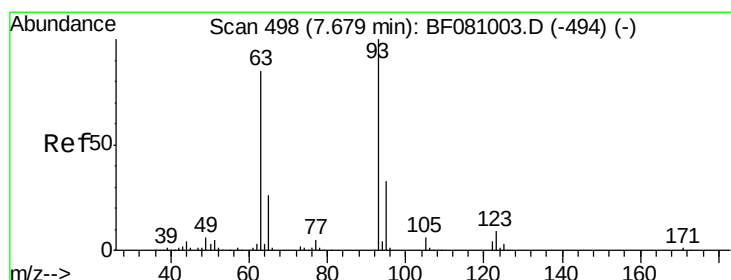
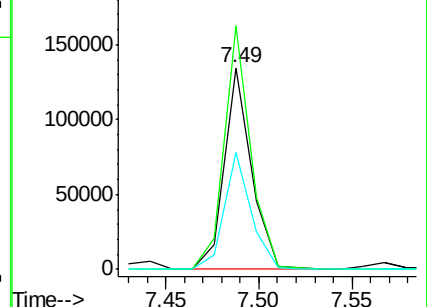
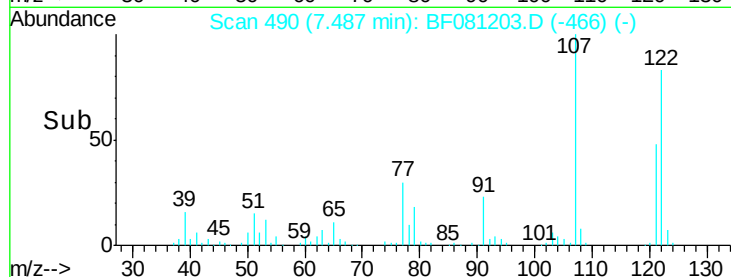
121 58.0 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.09 ng

RT: 7.59 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

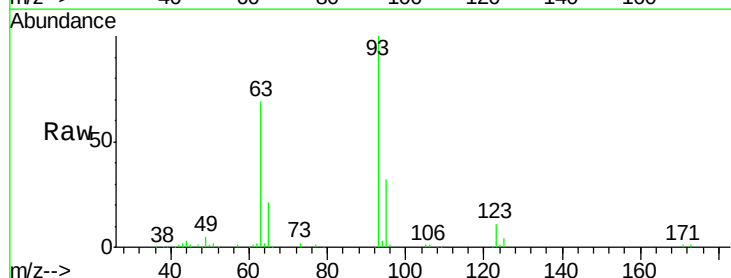
Tgt Ion: 93 Resp: 216532

Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

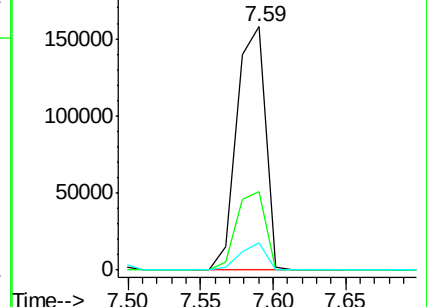
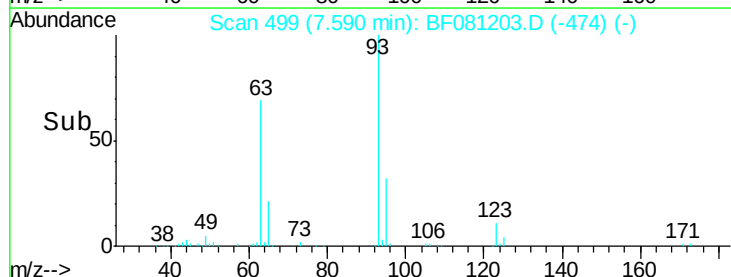
123 11.1 7.4 11.0#

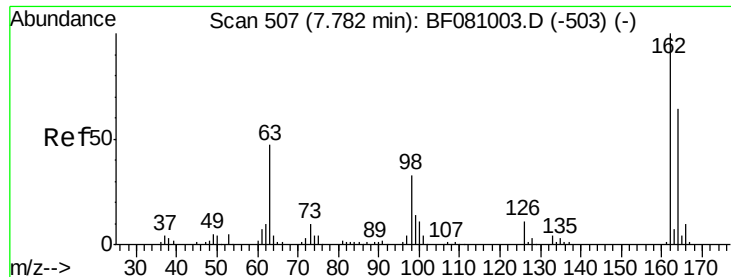


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

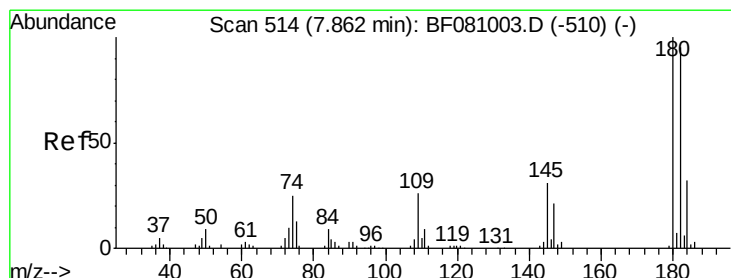
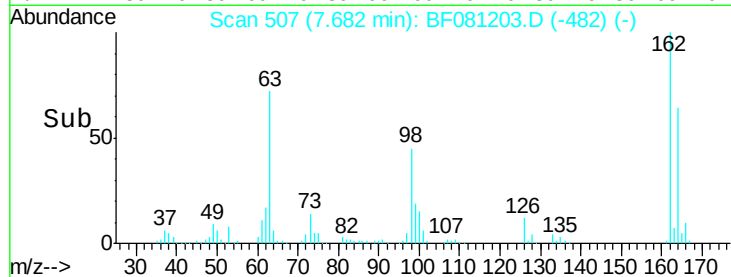
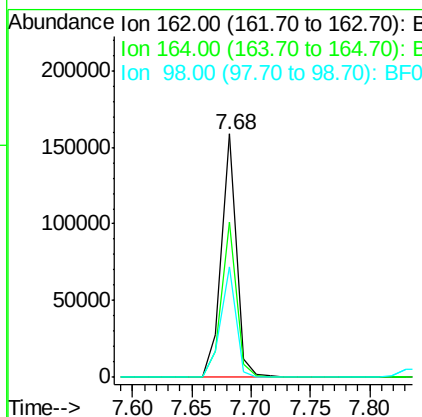
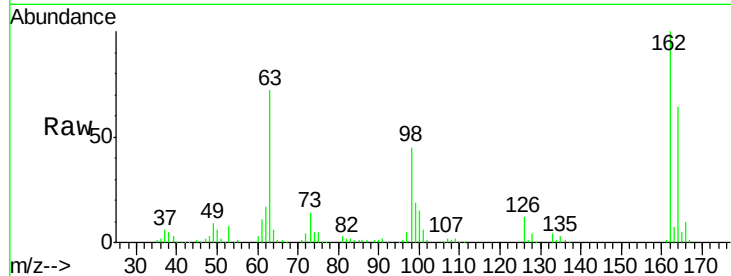




#29
 2,4-Dichlorophenol
 Concen: 34.86 ng
 RT: 7.68 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

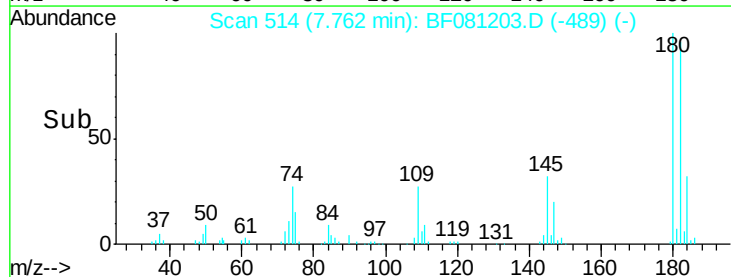
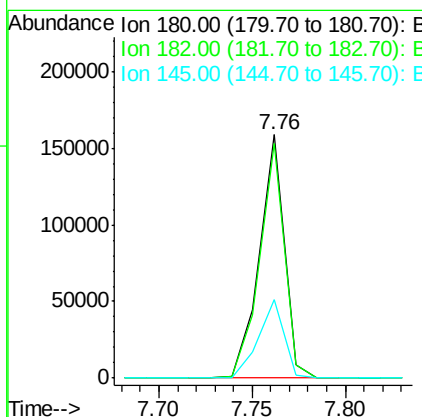
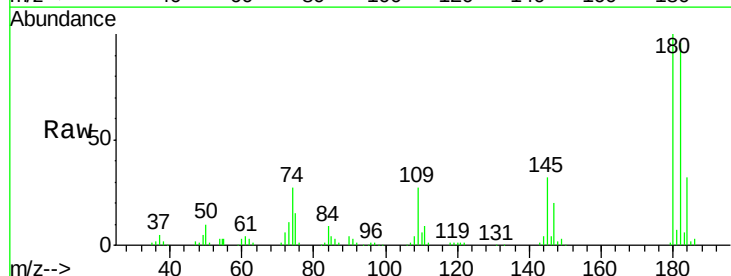
Instrument :
 BNA_F
 ClientSampleId :
 P003-BF003-01MS

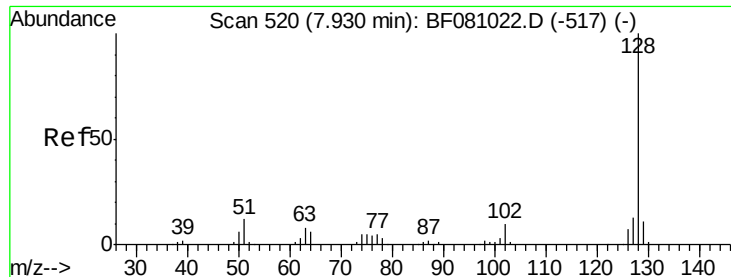
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.2	83.2
98	45.5	12.3	52.3



#30
 1,2,4-Trichlorobenzene
 Concen: 33.10 ng
 RT: 7.76 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.4	114.6
145	32.5	25.4	38.2

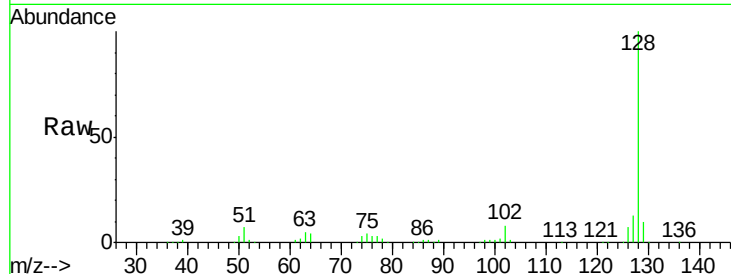




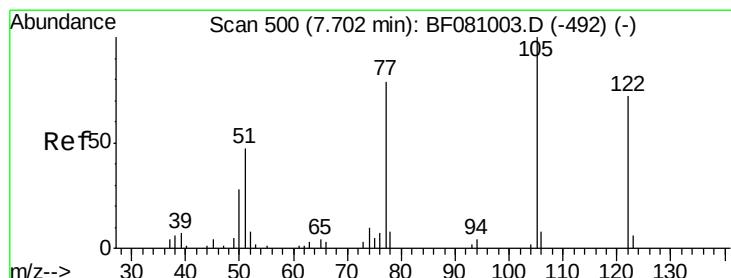
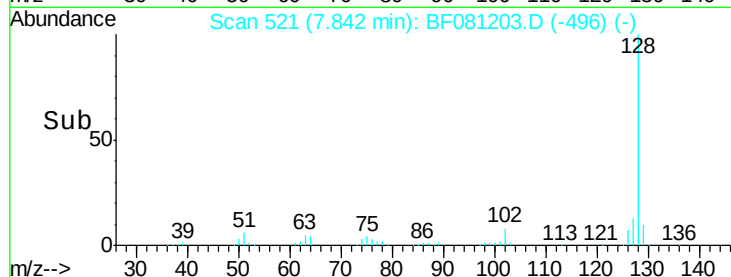
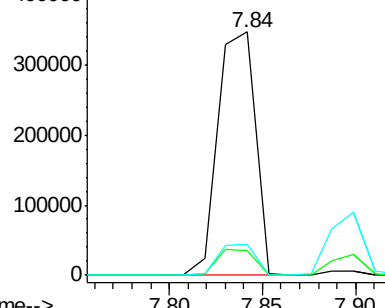
#31
Naphthalene
Concen: 30.96 ng
RT: 7.84 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF081203.D
Acq: 25 Aug 2015 17:29

Instrument :
BNA_F
ClientSampleId :
P003-BF003-01MS

Tgt Ion:128 Resp: 482878
Ion Ratio Lower Upper
128 100
129 10.4 8.4 12.6
127 13.0 10.6 16.0

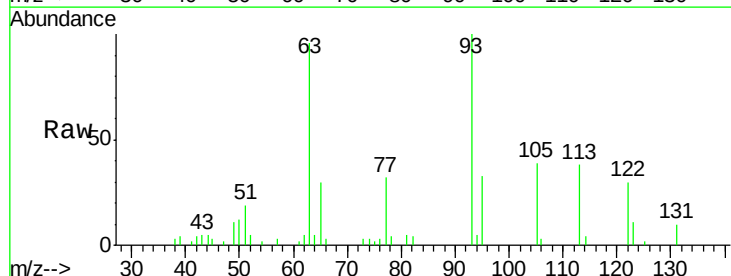


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

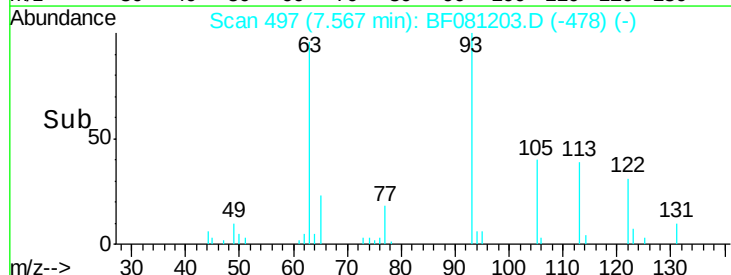
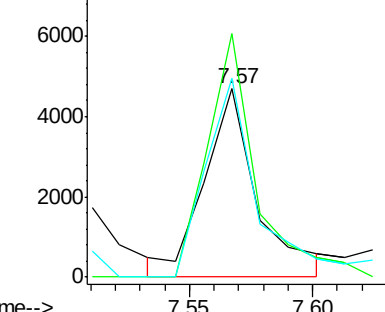


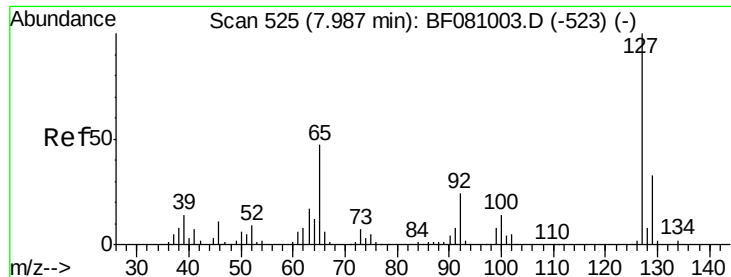
#32
Benzoic acid
Concen: 2.63 ng m
RT: 7.57 min Scan# 497
Delta R.T. -0.08 min
Lab File: BF081203.D
Acq: 25 Aug 2015 17:29

Tgt Ion:122 Resp: 6980
Ion Ratio Lower Upper
122 100
105 129.2 113.8 153.8
77 105.2 93.8 133.8



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

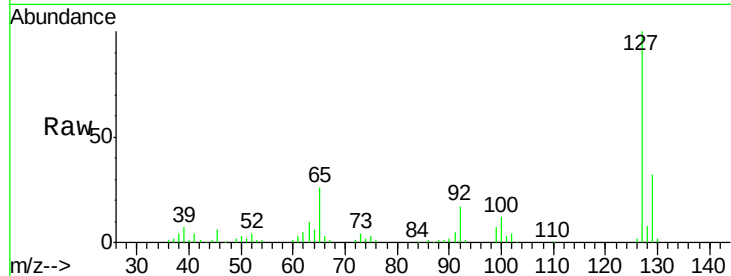




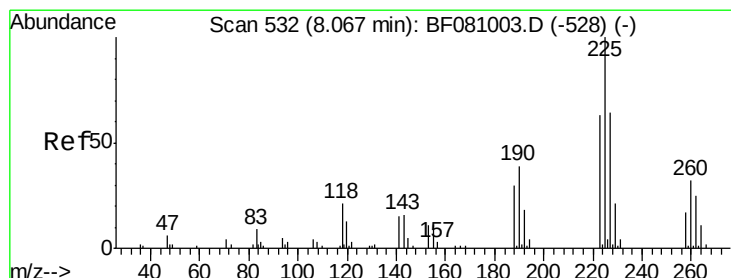
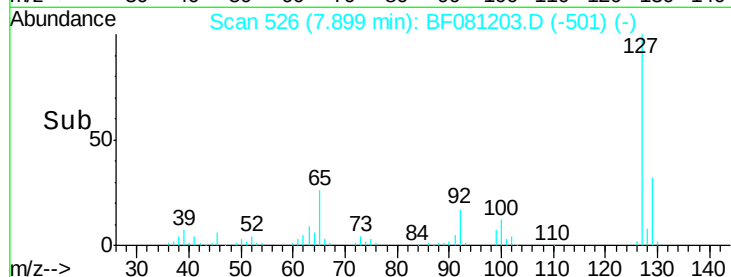
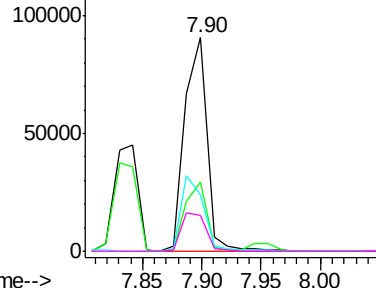
#33
4-Chloroaniline
Concen: 17.81 ng
RT: 7.90 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF081203.D
Acq: 25 Aug 2015 17:29

Instrument :
BNA_F
ClientSampleId :
P003-BF003-01MS

Tgt Ion:	127	Resp:	117247
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.2	37.8
65	26.3	37.8	56.6#
92	16.8	19.5	29.3#

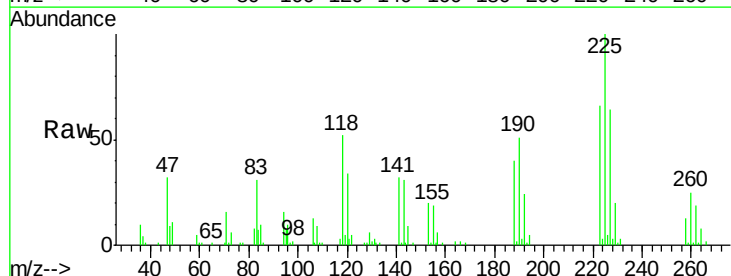


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

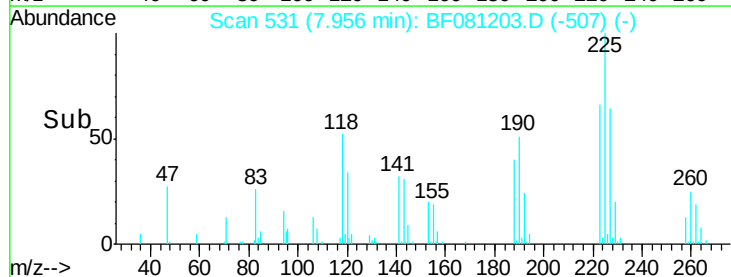
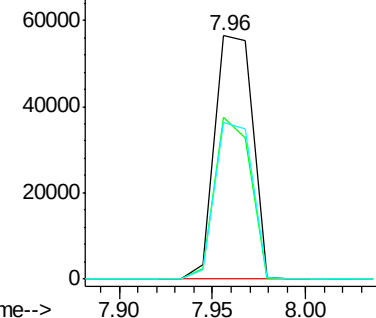


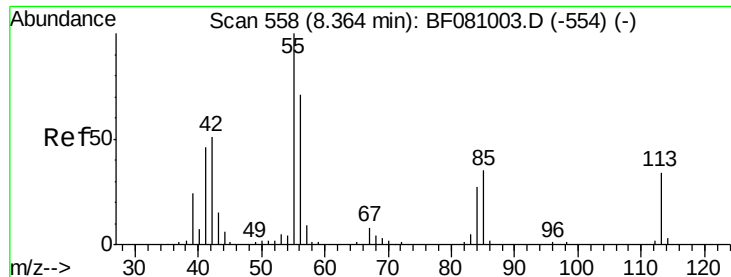
#34
Hexachlorobutadiene
Concen: 31.75 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF081203.D
Acq: 25 Aug 2015 17:29

Tgt Ion:	225	Resp:	79162
Ion	Ratio	Lower	Upper
225	100		
223	66.2	52.6	79.0
227	64.2	51.1	76.7



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

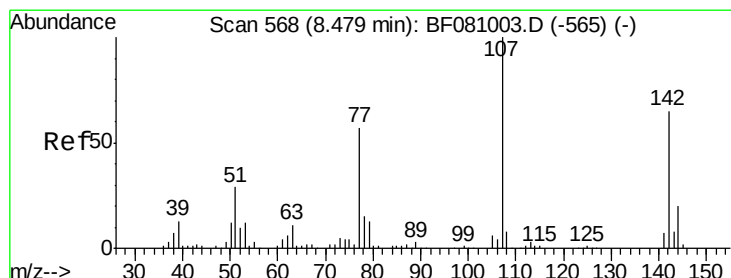
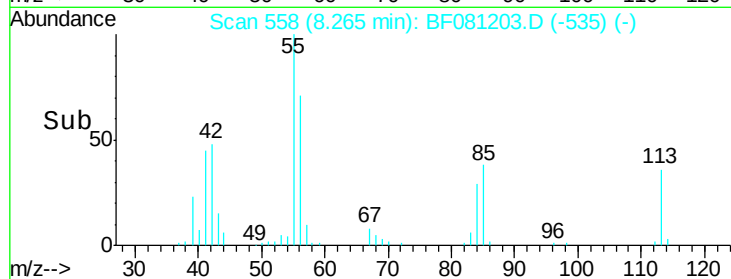
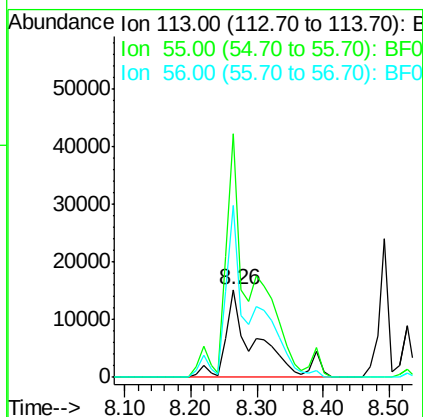
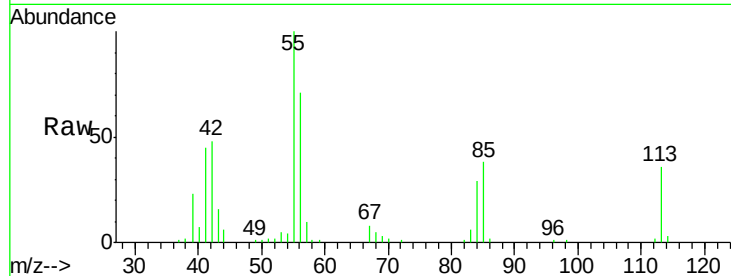




#35
 Caprolactam
 Concen: 34.53 ng m
 RT: 8.26 min Scan# 558
 Delta R.T. -0.03 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

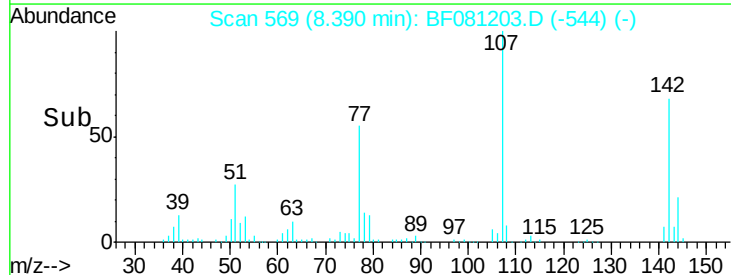
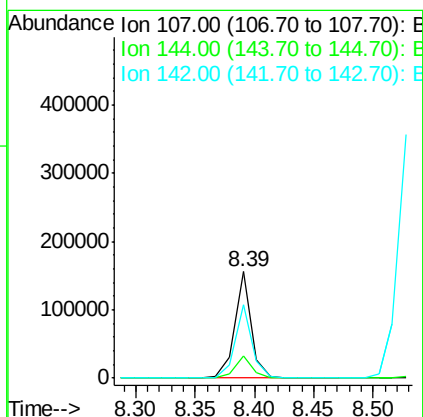
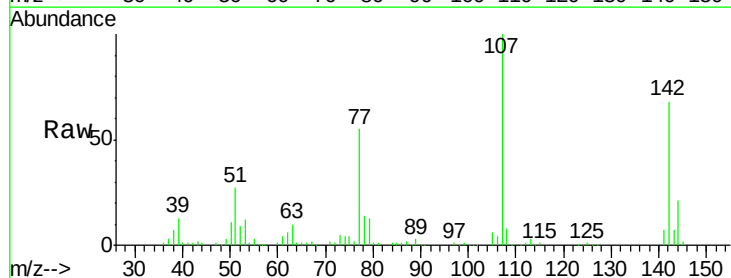
Instrument :
 BNA_F
 ClientSampleId :
 P003-BF003-01MS

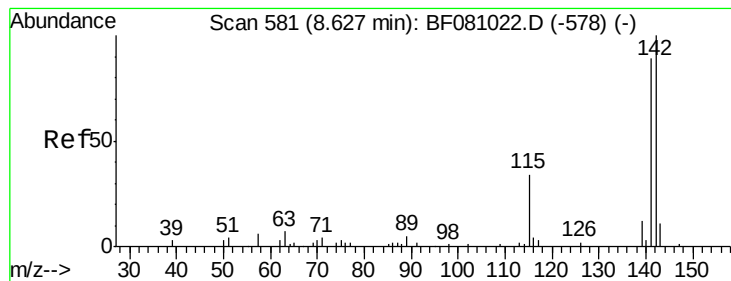
Tgt Ion:113 Resp: 47875
 Ion Ratio Lower Upper
 113 100
 55 277.0 280.4 320.4#
 56 196.1 205.9 245.9#



#36
 4-Chloro-3-methylphenol
 Concen: 32.04 ng
 RT: 8.39 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

Tgt Ion:107 Resp: 151487
 Ion Ratio Lower Upper
 107 100
 144 21.1 17.2 25.8
 142 68.3 54.9 82.3





#37

2-Methylnaphthalene

Concen: 32.69 ng

RT: 8.53 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

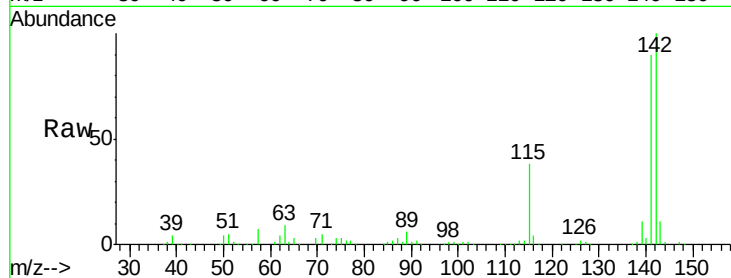
Tgt Ion:142 Resp: 322058

Ion Ratio Lower Upper

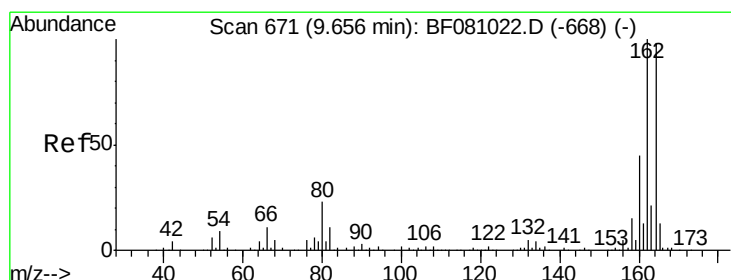
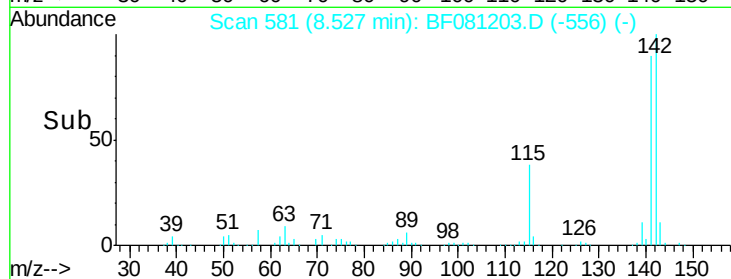
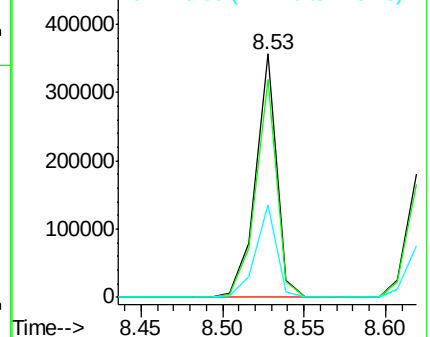
142 100

141 89.5 71.4 107.2

115 37.8 33.4 50.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

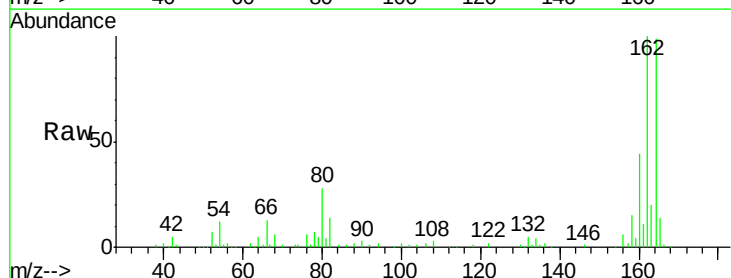
Tgt Ion:164 Resp: 123039

Ion Ratio Lower Upper

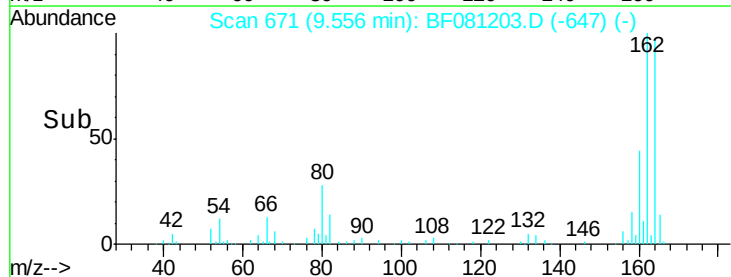
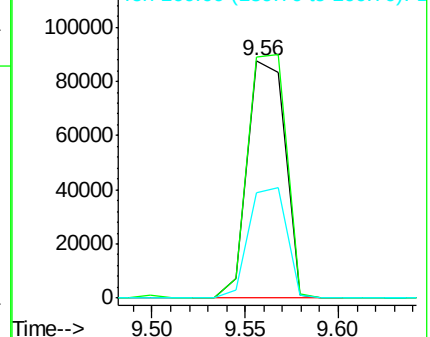
164 100

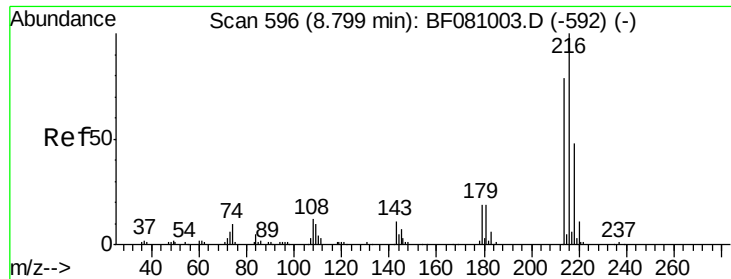
162 101.5 83.8 125.8

160 44.3 39.8 59.8



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

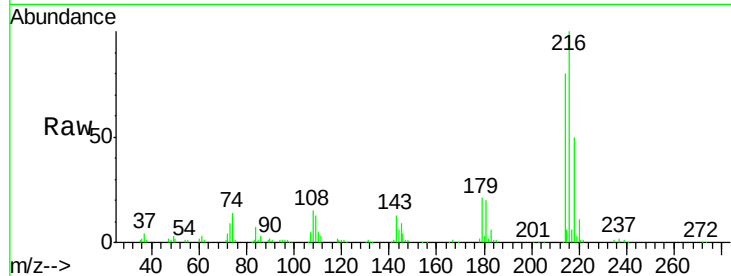




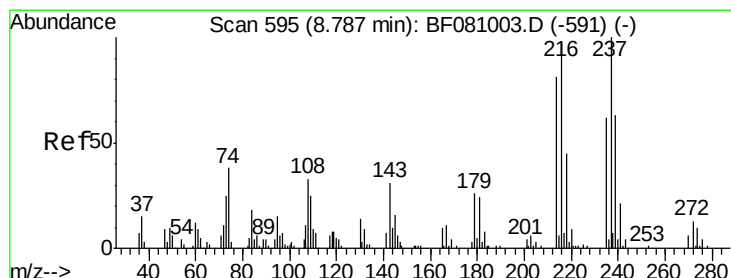
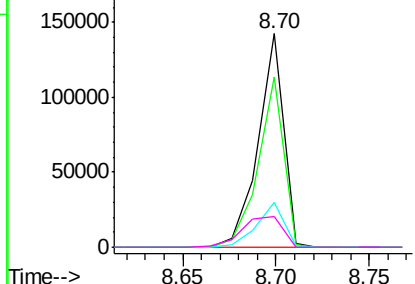
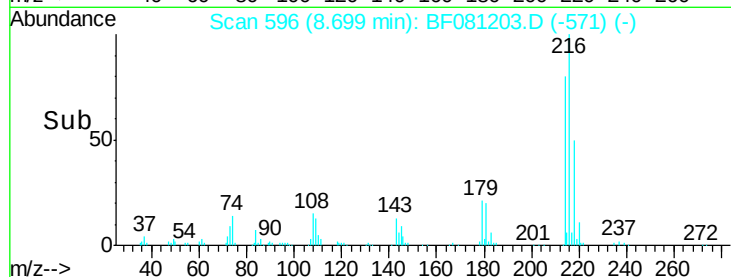
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.80 ng
 RT: 8.70 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 P003-BF003-01MS

Tgt Ion:	216	Resp:	134160
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.8
179	21.9	17.8	26.8
108	23.1	16.2	24.2

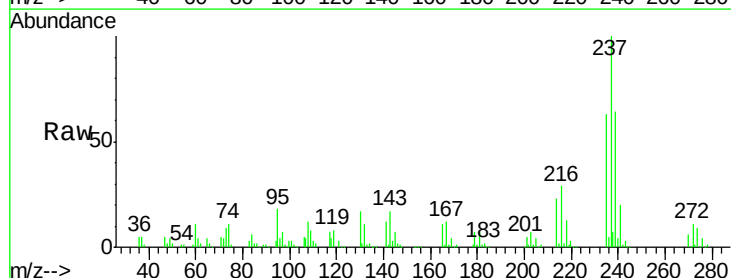


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

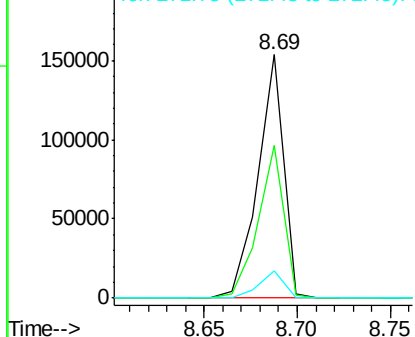
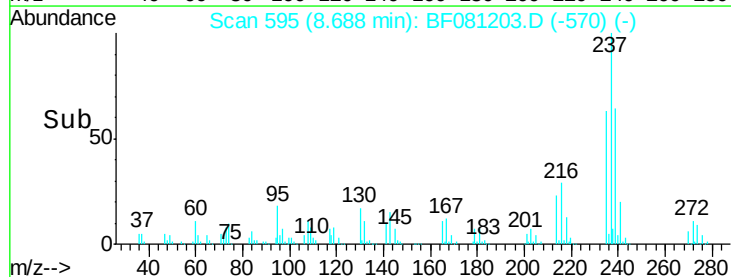


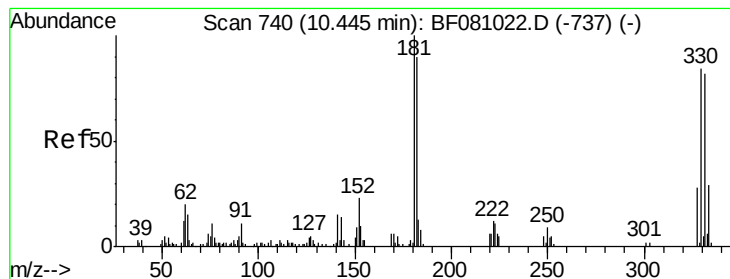
#40
 Hexachlorocyclopentadiene
 Concen: 70.63 ng
 RT: 8.69 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

Tgt Ion:	237	Resp:	145118
Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.6	83.6
272	11.4	0.0	32.2



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: 91.54 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

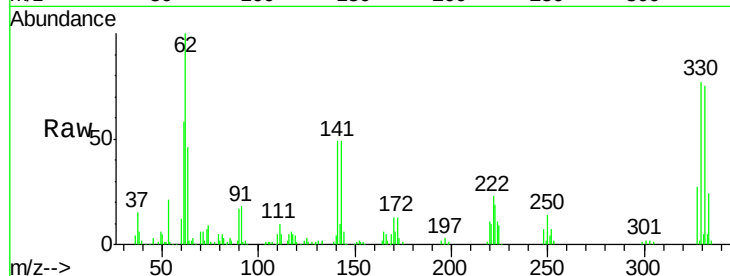
Tgt Ion:330 Resp: 97633

Ion Ratio Lower Upper

330 100

332 99.1 77.3 115.9

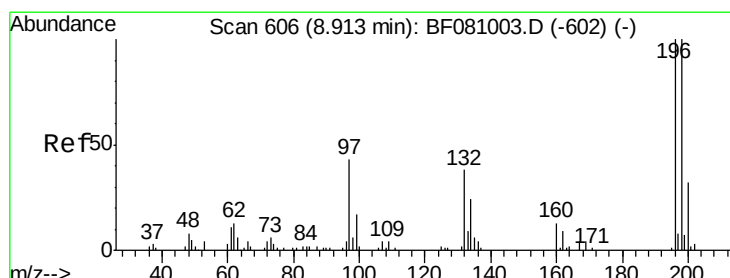
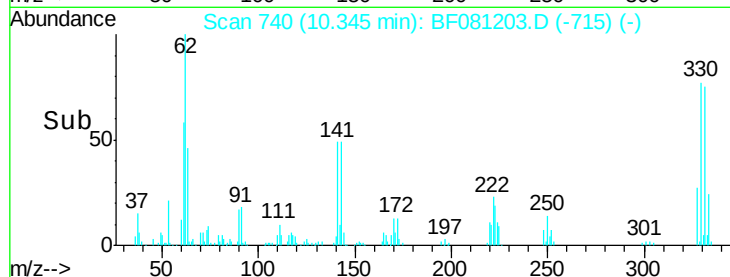
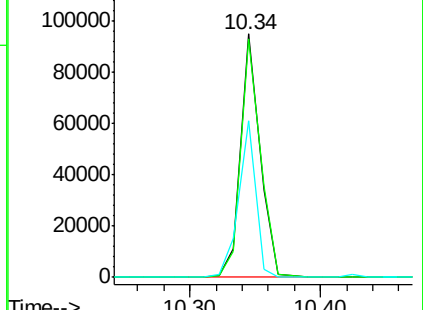
141 56.6 44.9 67.3



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 32.43 ng

RT: 8.81 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

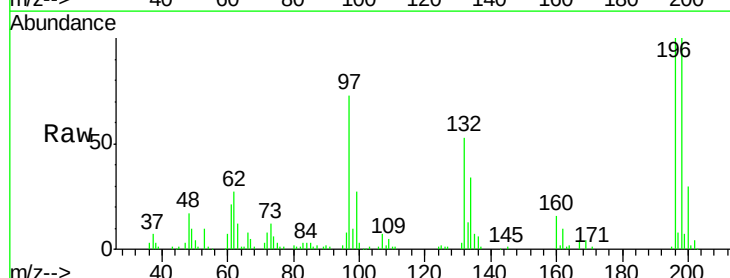
Tgt Ion:196 Resp: 90937

Ion Ratio Lower Upper

196 100

198 99.5 74.6 111.8

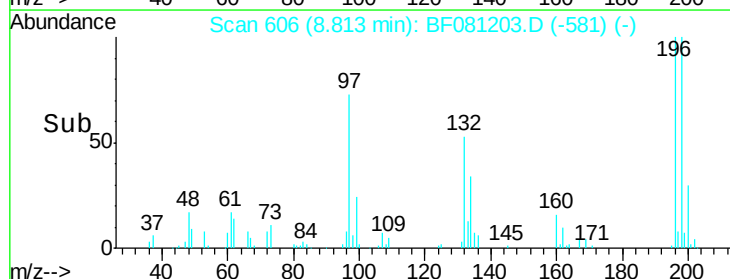
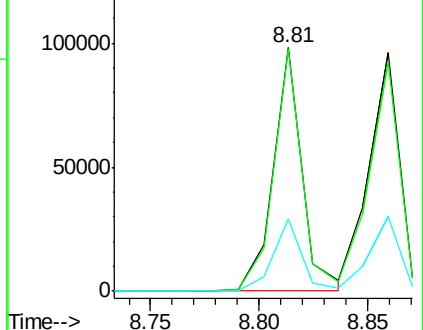
200 29.6 22.7 34.1

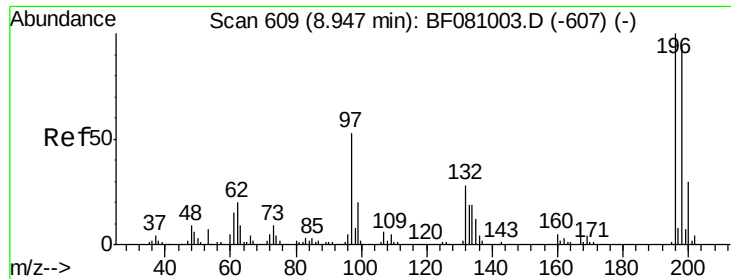


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

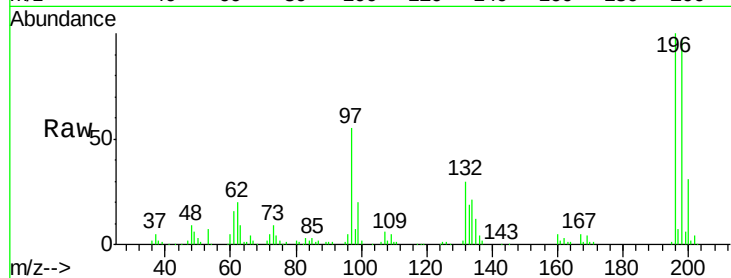




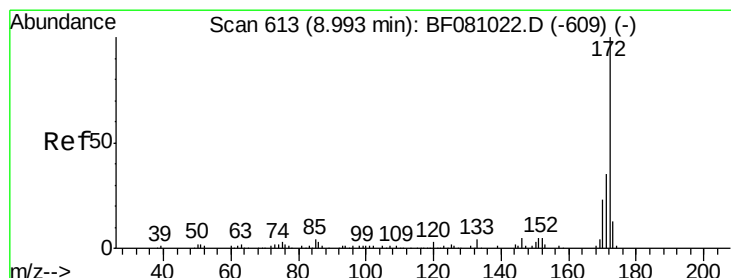
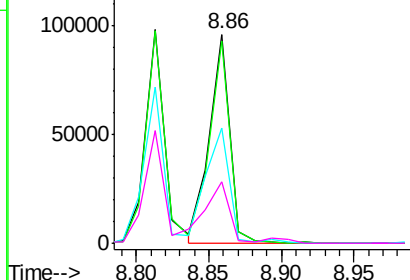
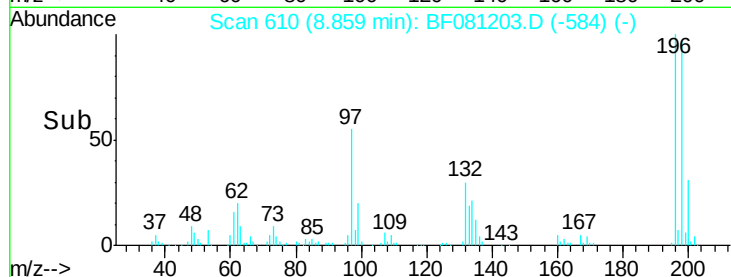
#43
 2,4,5-Trichlorophenol
 Concen: 33.59 ng
 RT: 8.86 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 P003-BF003-01MS

Tgt Ion:	196	Resp:	94148
Ion	Ratio	Lower	Upper
196	100		
198	96.5	78.3	117.5
97	55.2	42.7	64.1
132	29.6	23.3	34.9

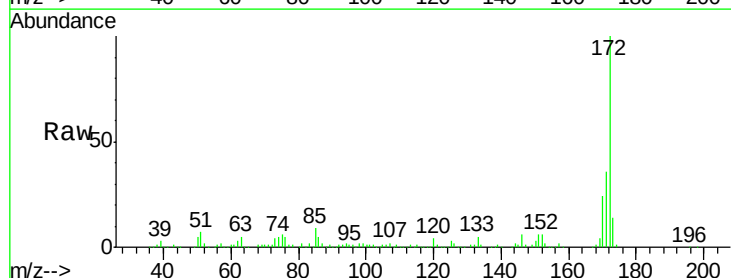


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

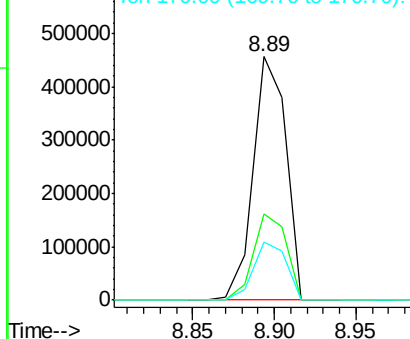
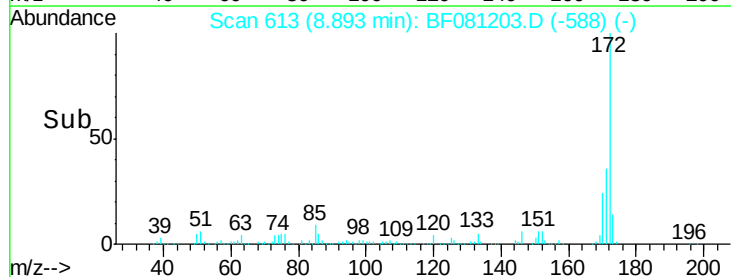


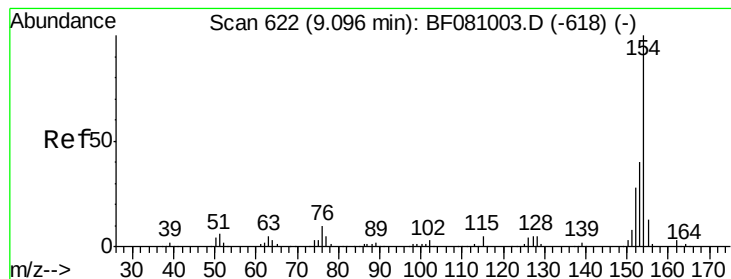
#44
 2-Fluorobiphenyl
 Concen: 67.86 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

Tgt Ion:	172	Resp:	637270
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.8	19.4	29.2



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: 37.82 ng

RT: 9.00 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

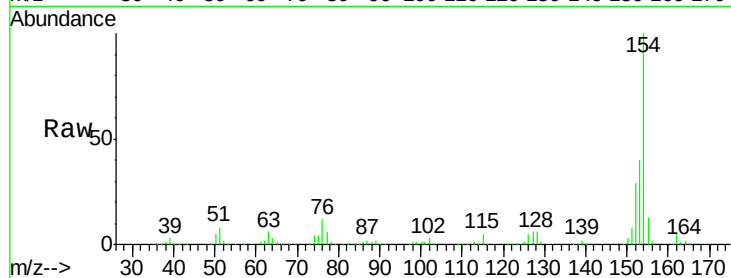
Tgt Ion:154 Resp: 409920

Ion Ratio Lower Upper

154 100

153 40.2 19.5 59.5

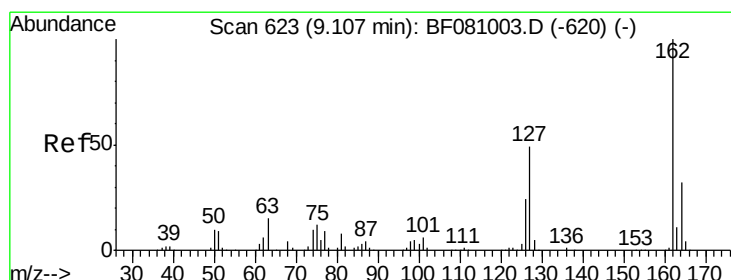
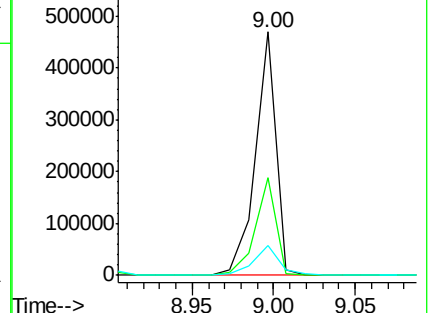
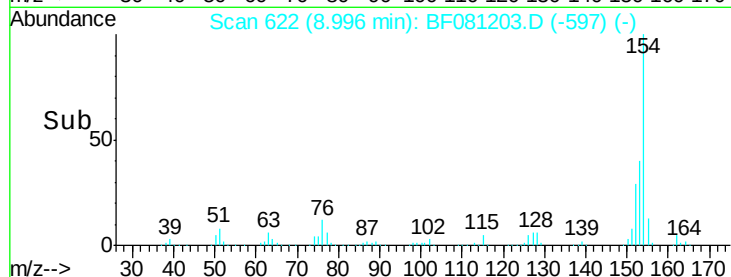
76 12.2 0.0 29.3



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: 31.99 ng

RT: 9.01 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

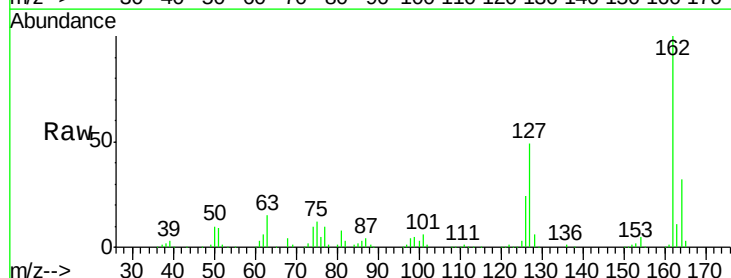
Tgt Ion:162 Resp: 278548

Ion Ratio Lower Upper

162 100

127 48.9 31.3 46.9#

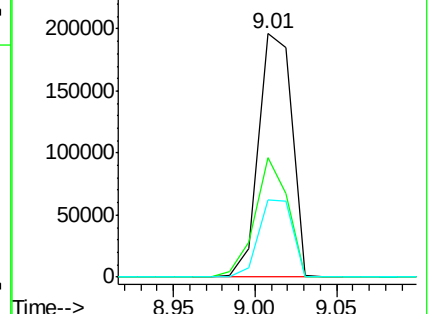
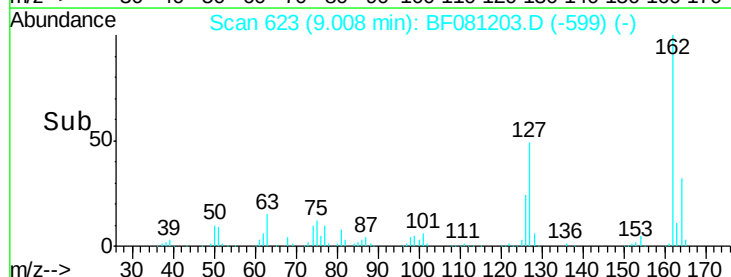
164 31.8 26.3 39.5

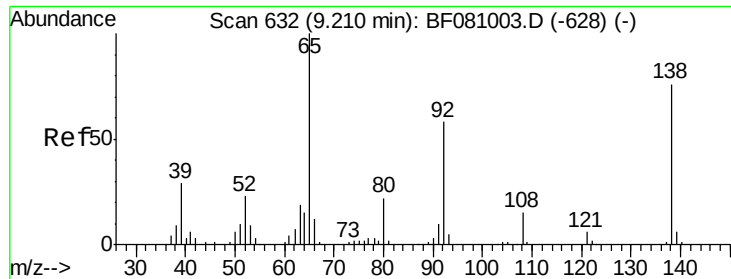


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

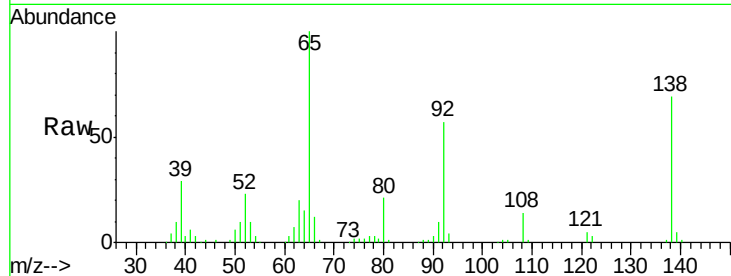




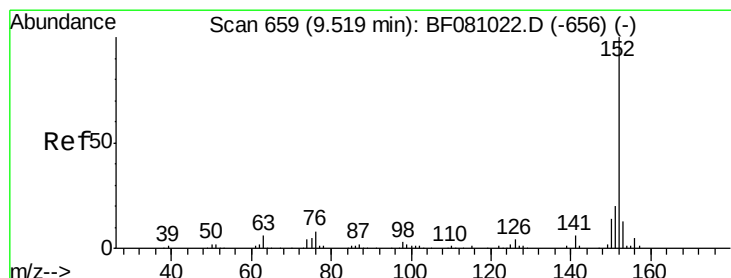
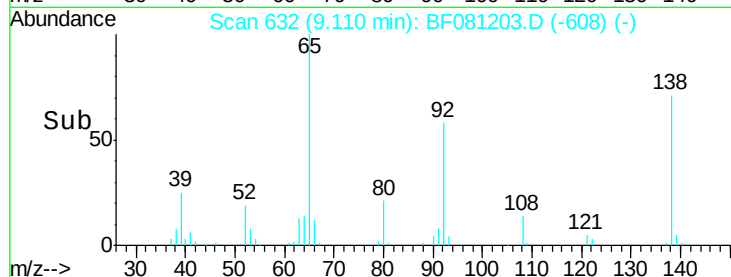
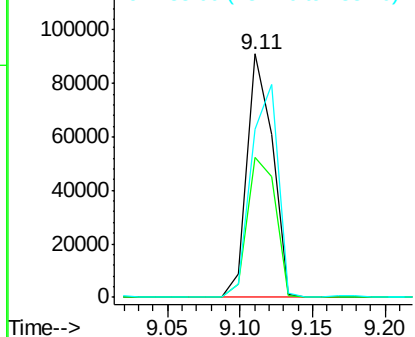
#47
 2-Nitroaniline
 Concen: 31.30 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 P003-BF003-01MS

Tgt Ion: 65 Resp: 111512
 Ion Ratio Lower Upper
 65 100
 92 57.4 45.6 68.4
 138 69.3 57.9 86.9

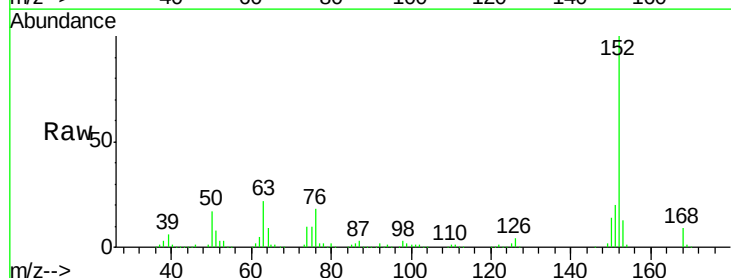


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

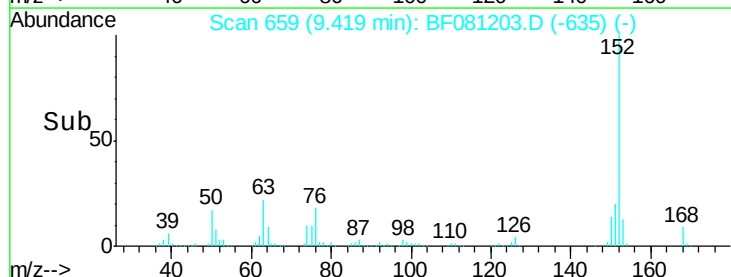
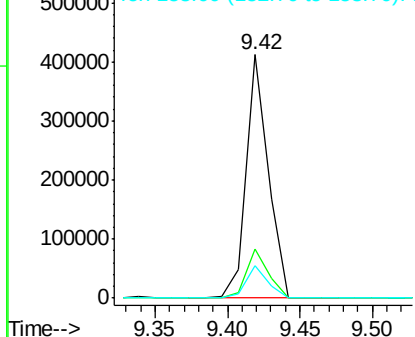


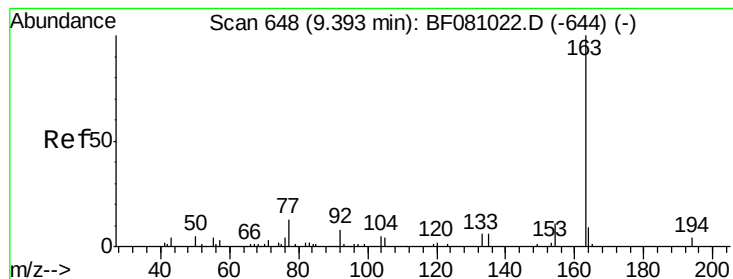
#48
 Acenaphthylene
 Concen: 27.89 ng
 RT: 9.42 min Scan# 659
 Delta R.T. -0.02 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

Tgt Ion: 152 Resp: 434315
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.1 24.1
 153 13.4 9.8 14.6



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 41.70 ng

RT: 9.30 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

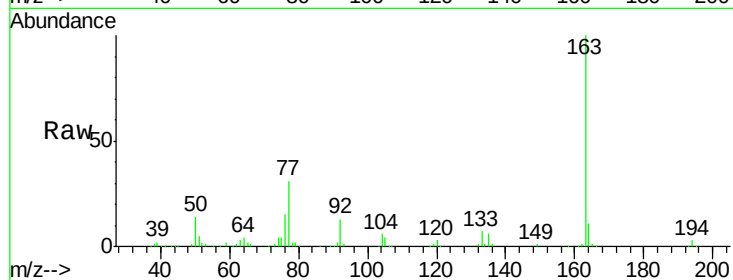
Tgt Ion:163 Resp: 422586

Ion Ratio Lower Upper

163 100

194 2.9 2.5 3.7

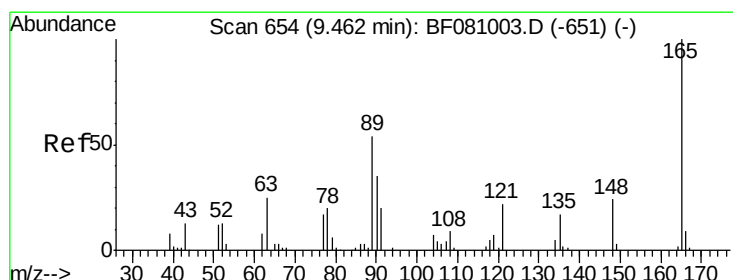
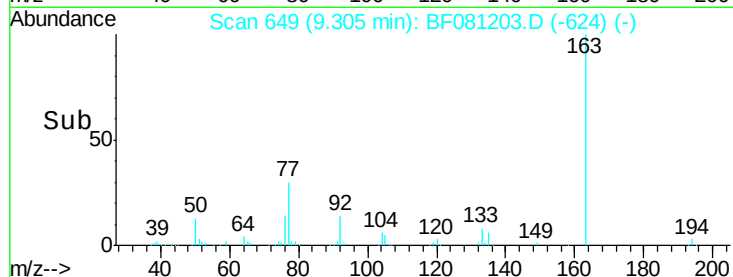
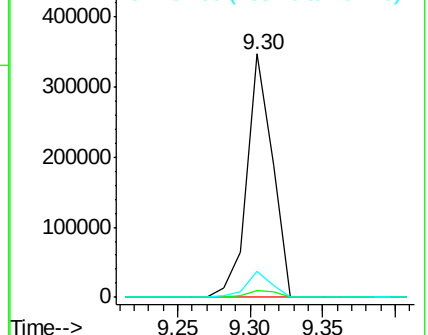
164 10.6 8.1 12.1



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: 29.66 ng

RT: 9.36 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

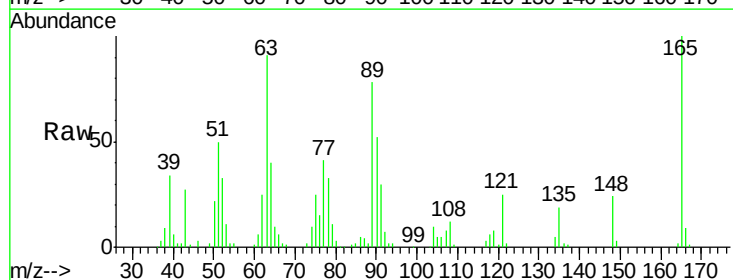
Tgt Ion:165 Resp: 64533

Ion Ratio Lower Upper

165 100

63 90.9 49.5 74.3#

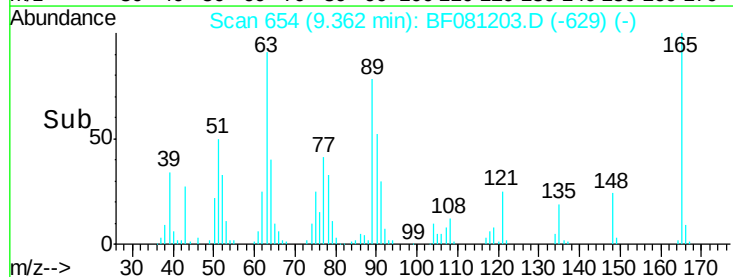
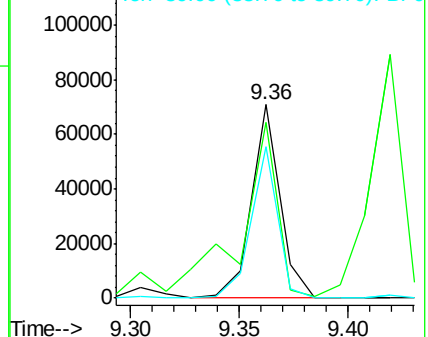
89 78.4 47.6 71.4#

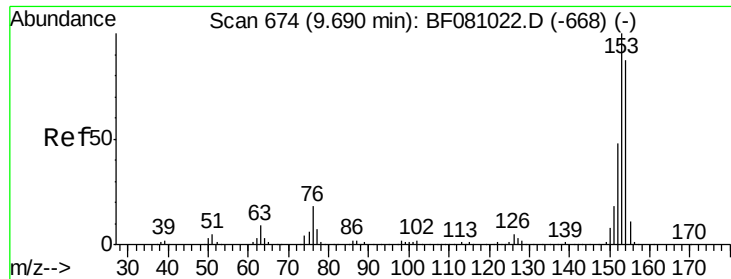


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 28.31 ng

RT: 9.59 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

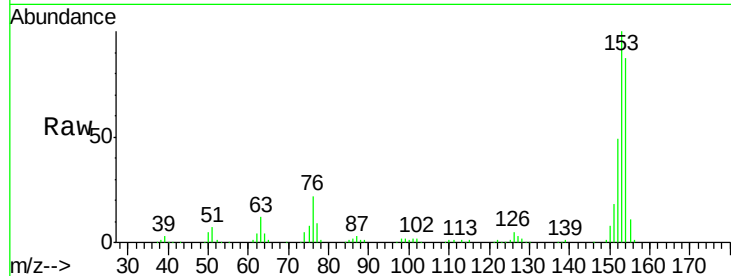
Tgt Ion:154 Resp: 263974

Ion Ratio Lower Upper

154 100

153 114.8 91.4 137.2

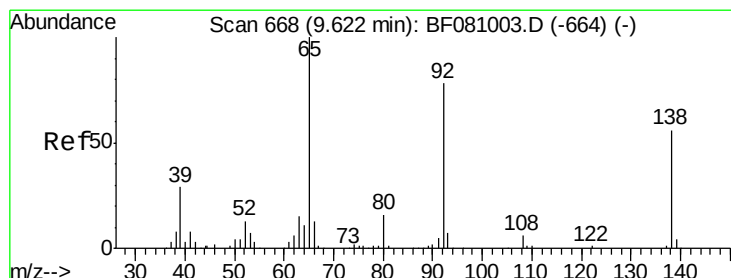
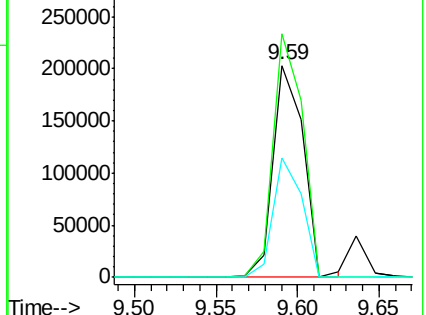
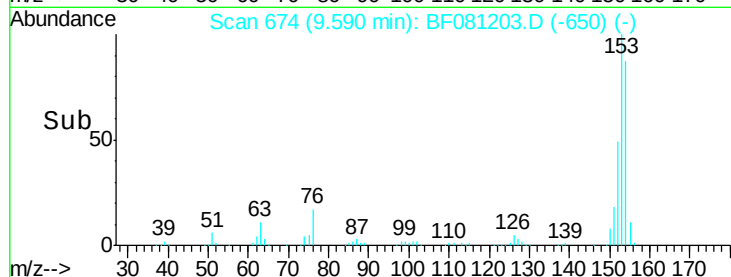
152 56.3 43.7 65.5



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: 22.14 ng

RT: 9.52 min Scan# 668

Delta R.T. -0.02 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

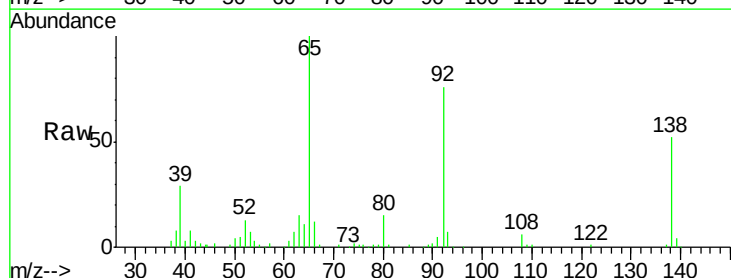
Tgt Ion:138 Resp: 60282

Ion Ratio Lower Upper

138 100

108 11.9 9.4 14.2

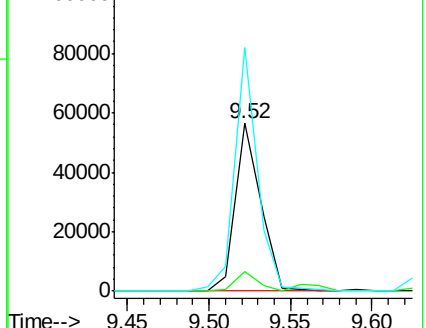
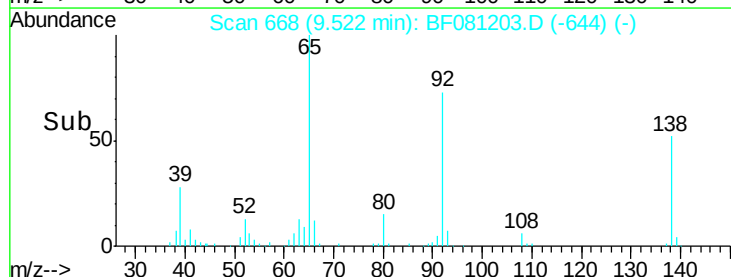
92 145.1 113.2 169.8

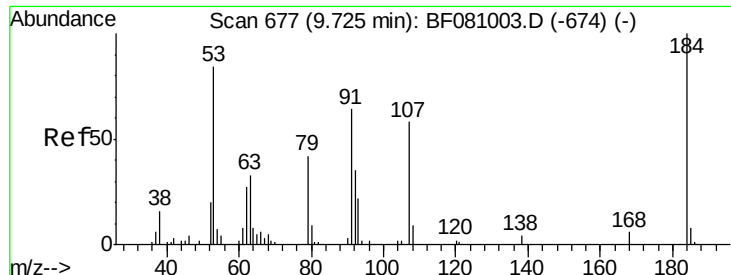


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

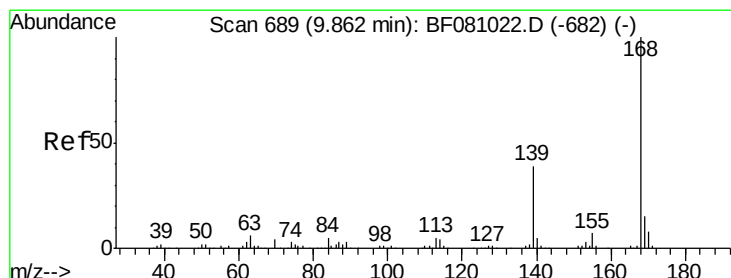
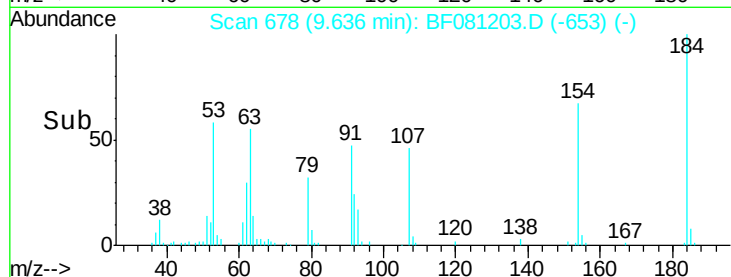
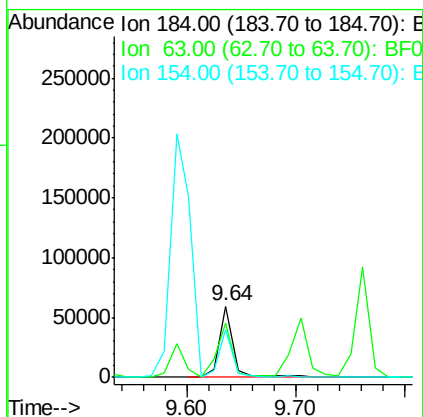
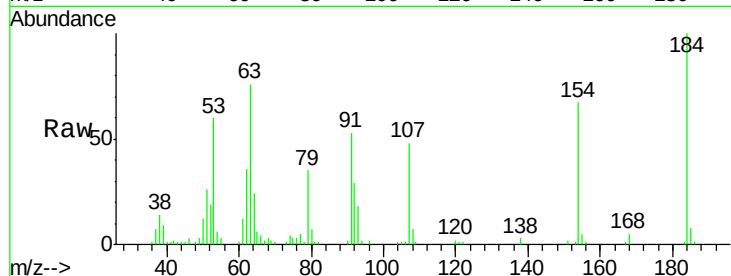




#53
2,4-Dinitrophenol
Concen: 49.20 ng
RT: 9.64 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF081203.D
Acq: 25 Aug 2015 17:29

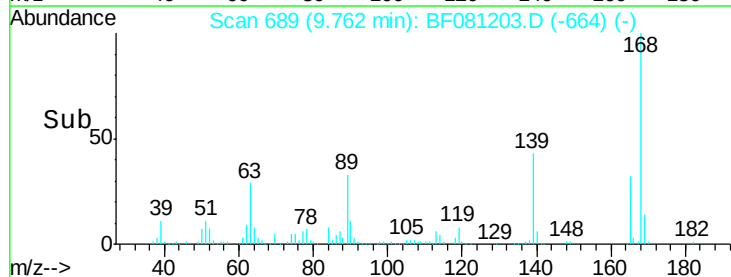
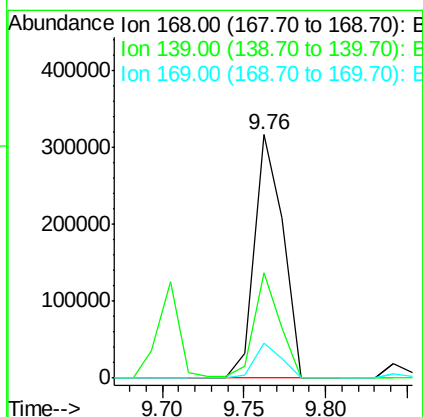
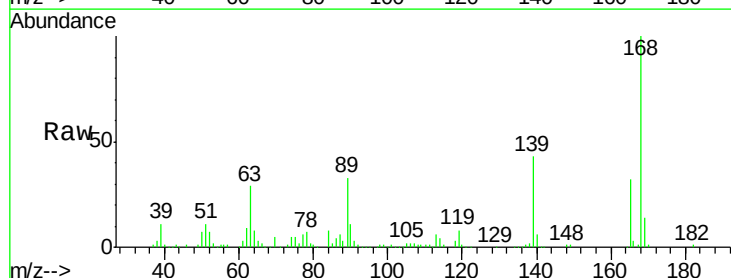
Instrument :
BNA_F
ClientSampleId :
P003-BF003-01MS

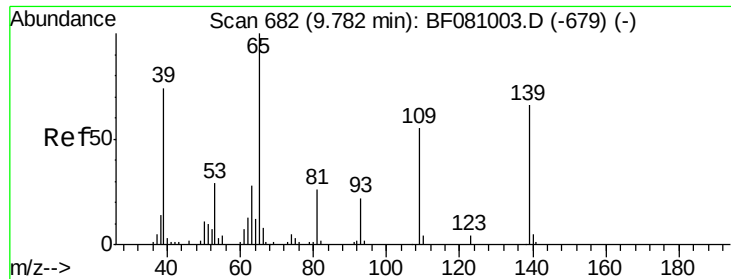
Tgt Ion:184 Resp: 53960
Ion Ratio Lower Upper
184 100
63 75.7 101.7 152.5#
154 66.5 67.4 101.0#



#54
Dibenzofuran
Concen: 30.71 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF081203.D
Acq: 25 Aug 2015 17:29

Tgt Ion:168 Resp: 383728
Ion Ratio Lower Upper
168 100
139 43.5 29.3 43.9
169 14.2 10.3 15.5

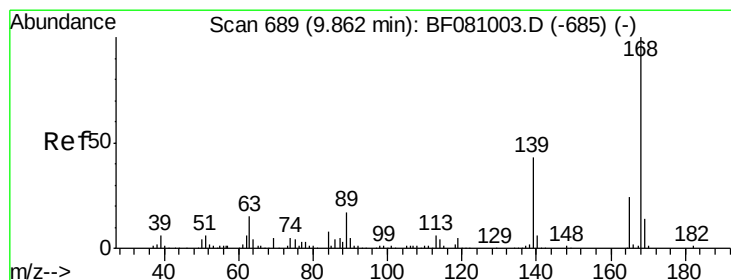
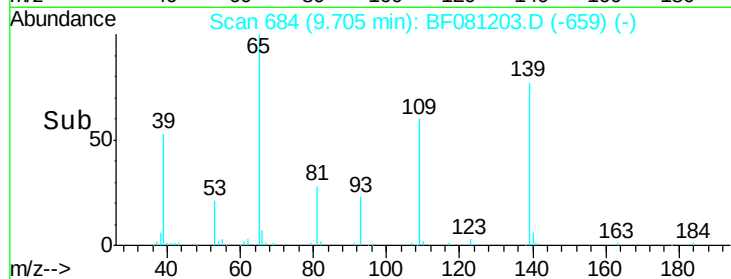
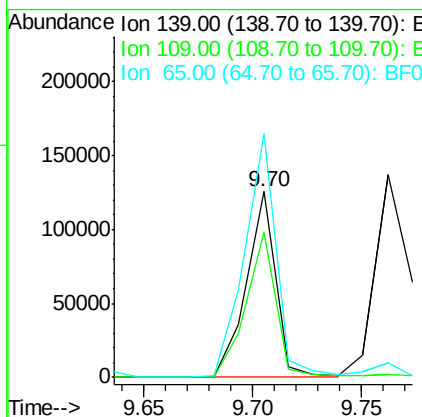
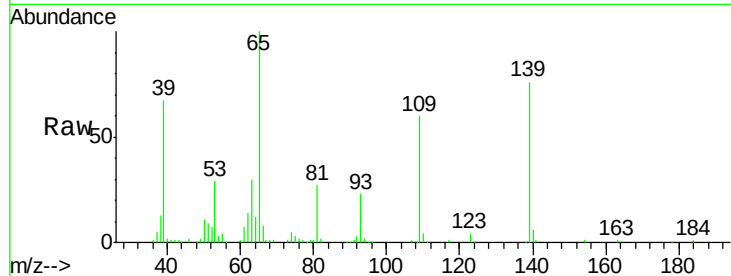




#55
4-Nitrophenol
Concen: 61.89 ng
RT: 9.70 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF081203.D
Acq: 25 Aug 2015 17:29

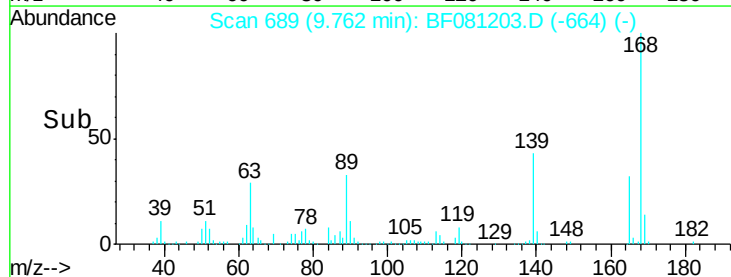
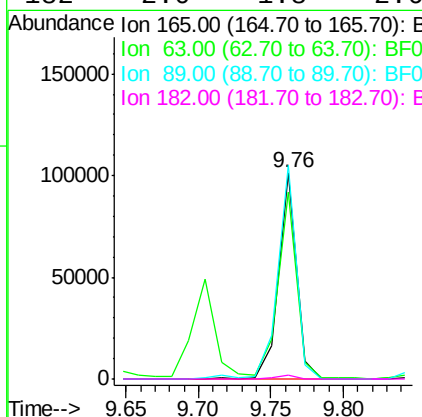
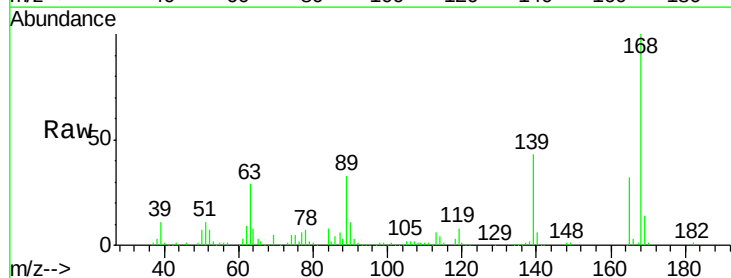
Instrument :
BNA_F
ClientSampleId :
P003-BF003-01MS

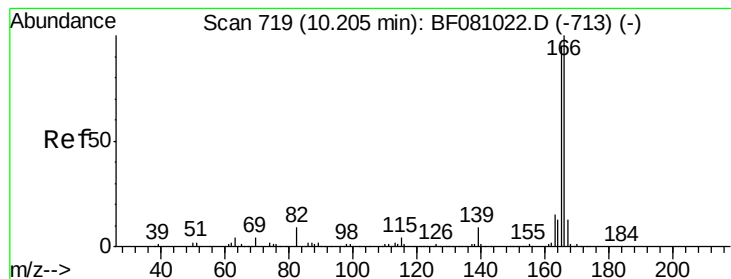
Tgt Ion:139 Resp: 118334
Ion Ratio Lower Upper
139 100
109 78.1 80.0 120.0#
65 131.3 138.3 178.3#



#56
2,4-Dinitrotoluene
Concen: 30.52 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF081203.D
Acq: 25 Aug 2015 17:29

Tgt Ion:165 Resp: 88019
Ion Ratio Lower Upper
165 100
63 90.5 52.2 78.4#
89 103.5 60.1 90.1#
182 2.0 1.8 2.6





#57

Fluorene

Concen: 31.74 ng

RT: 10.10 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

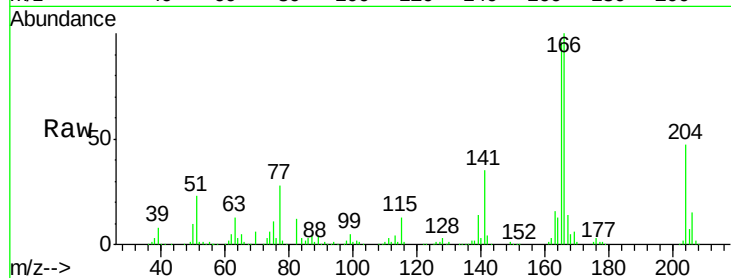
Tgt Ion:166 Resp: 305059

Ion Ratio Lower Upper

166 100

165 95.6 75.8 113.8

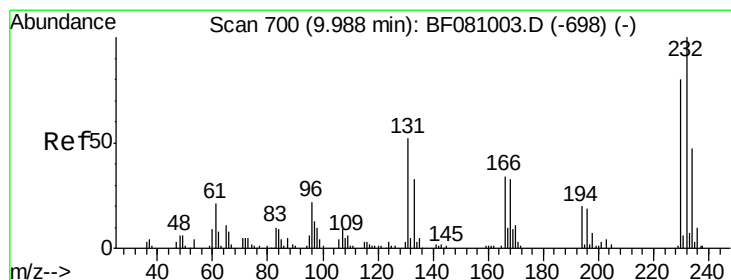
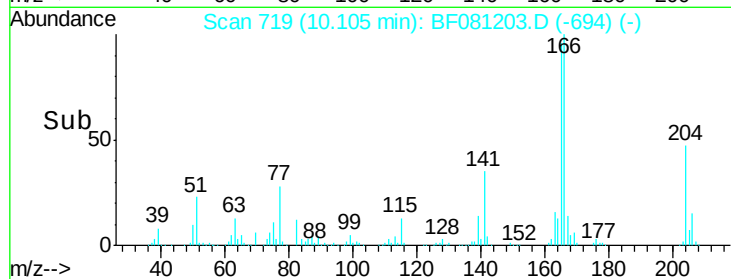
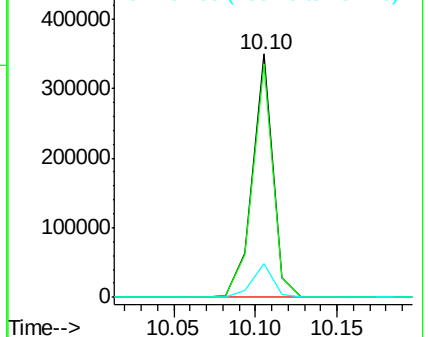
167 14.0 11.3 16.9



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: 34.30 ng m

RT: 9.89 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Tgt Ion:232 Resp: 74408

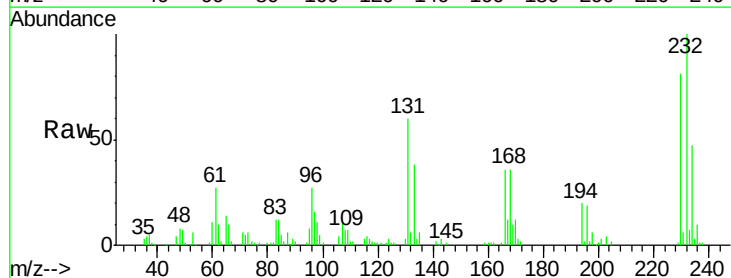
Ion Ratio Lower Upper

232 100

131 47.0 42.2 63.4

130 2.4 2.1 3.1

166 25.8 22.4 33.6

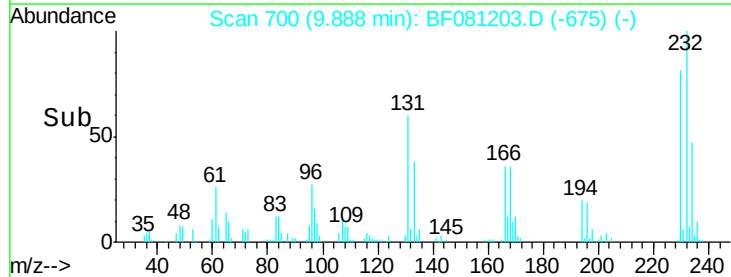
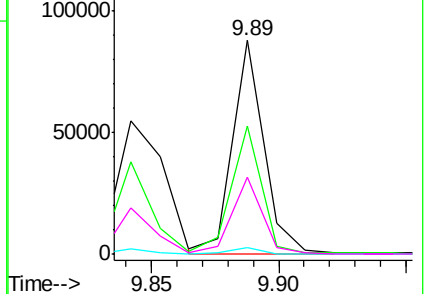


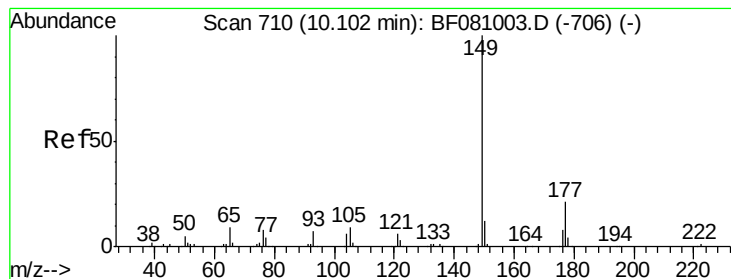
Abundance Ion 232.00 (231.70 to 232.70): E

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: 31.42 ng

RT: 10.00 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

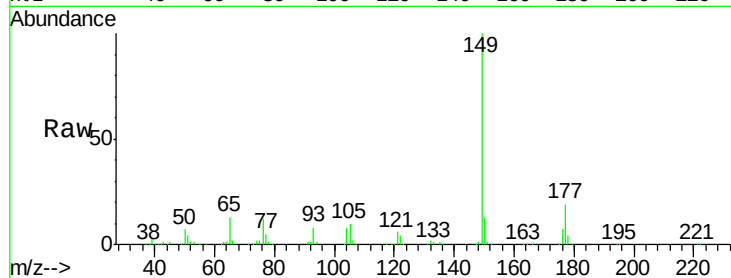
Tgt Ion:149 Resp: 337008

Ion Ratio Lower Upper

149 100

177 19.3 14.1 21.1

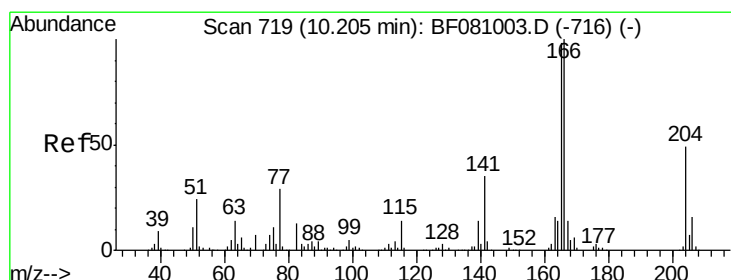
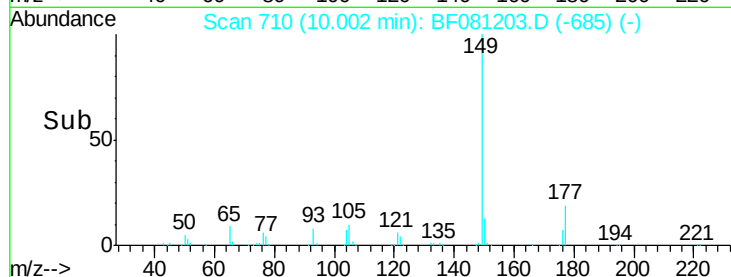
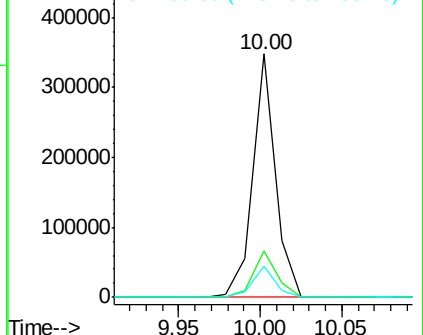
150 12.7 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 33.73 ng

RT: 10.10 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

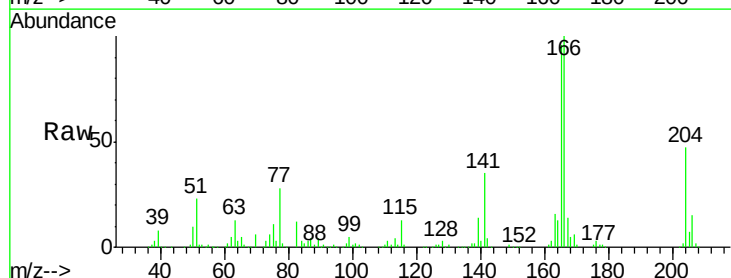
Tgt Ion:204 Resp: 137198

Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.2

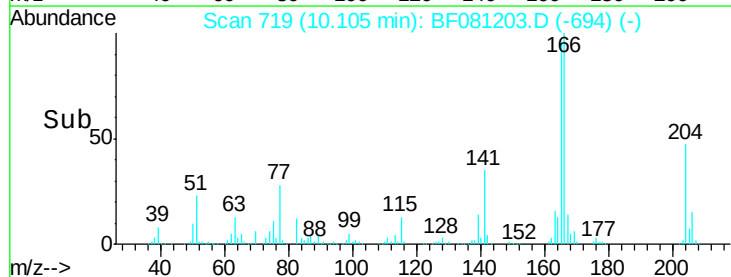
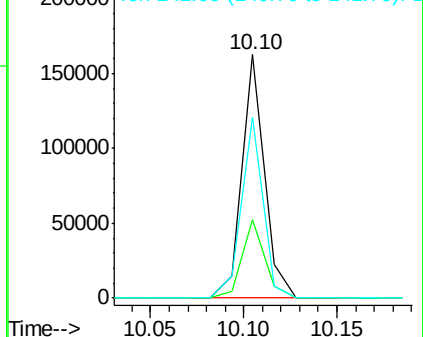
141 74.2 59.6 89.4

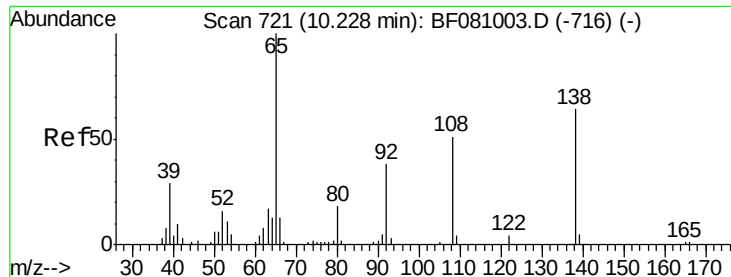


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.79 ng

RT: 10.14 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

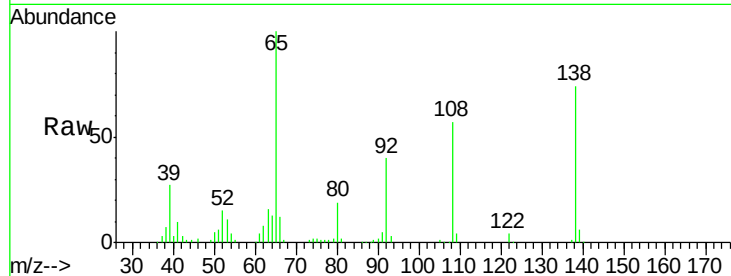
Tgt Ion:138 Resp: 88471

Ion Ratio Lower Upper

138 100

92 54.3 34.7 74.7

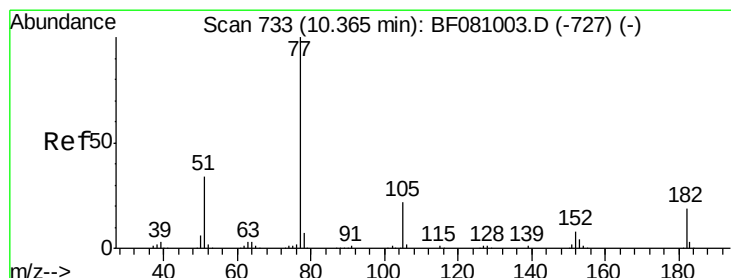
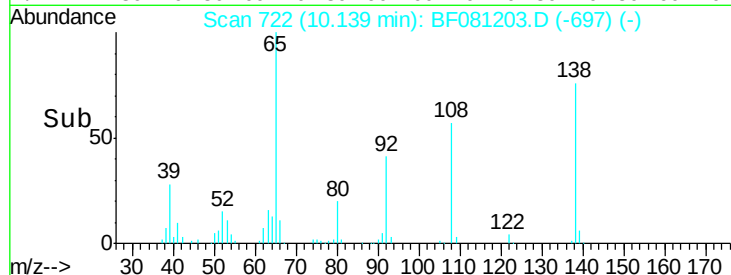
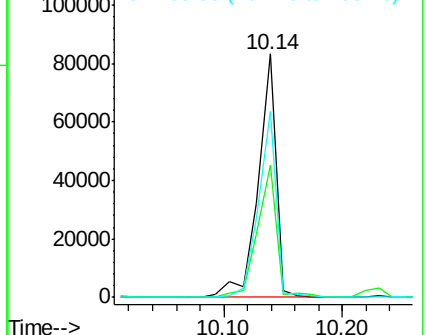
108 76.4 68.9 108.9



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: 34.95 ng

RT: 10.26 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Tgt Ion: 77 Resp: 431964

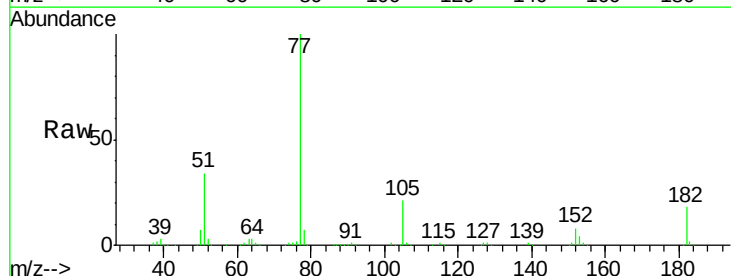
Ion Ratio Lower Upper

77 100

182 18.1 0.0 39.0

105 21.2 0.2 40.2

51 34.3 18.0 58.0

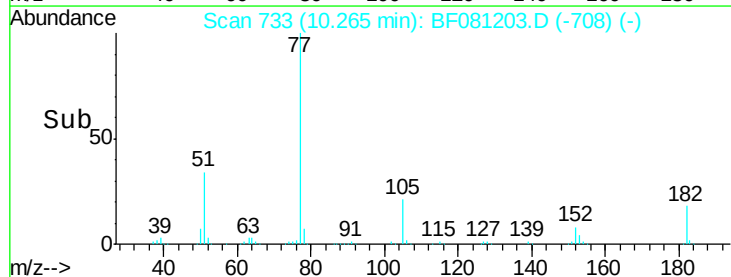
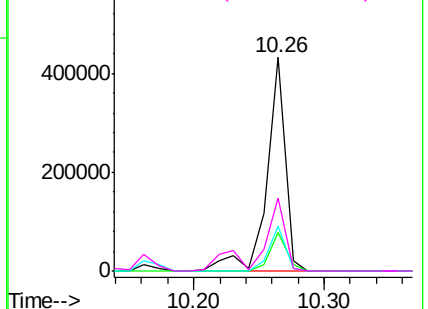


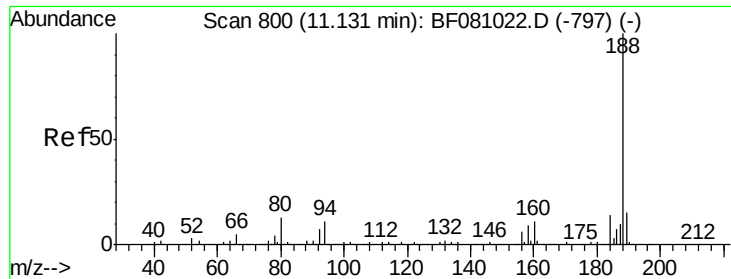
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

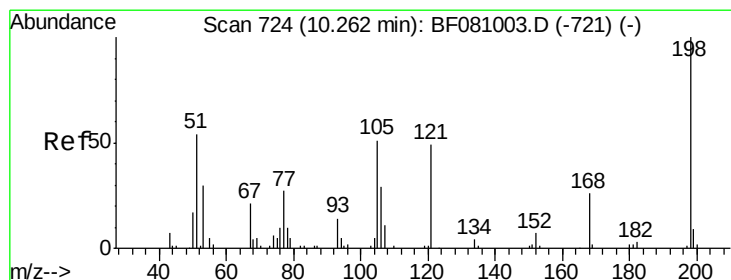
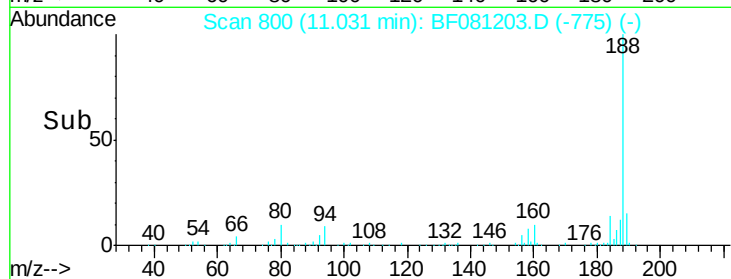
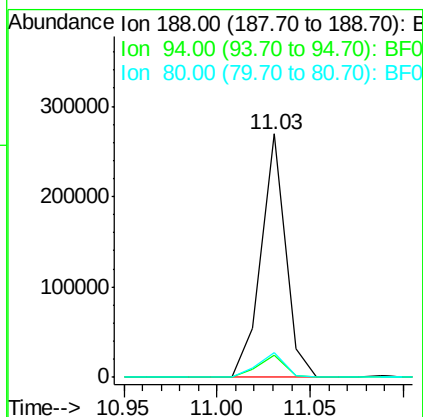
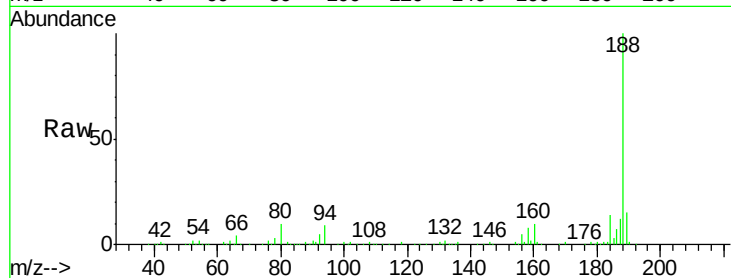




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF081203.D
Acq: 25 Aug 2015 17:29

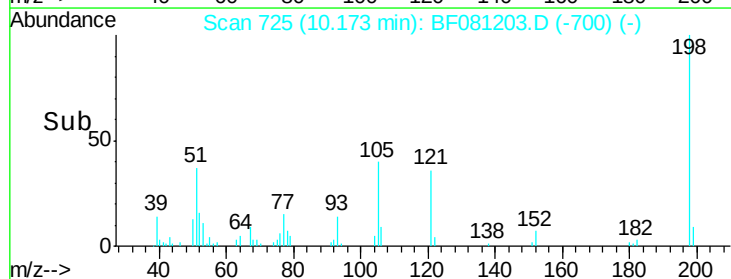
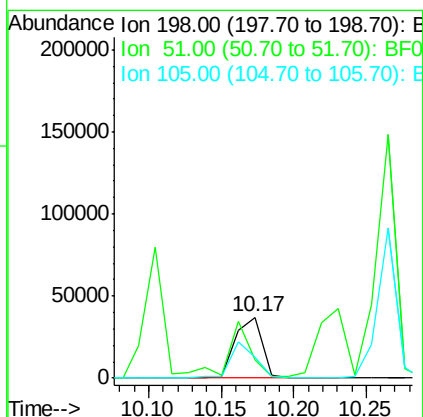
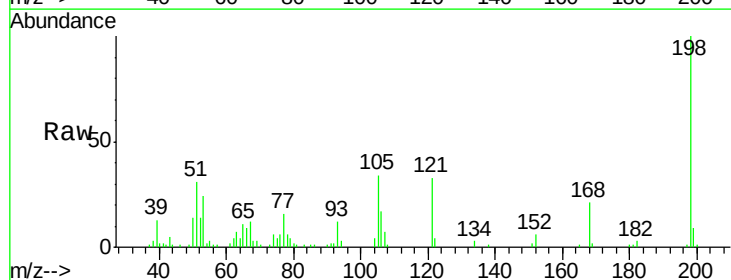
Instrument :
BNA_F
ClientSampleId :
P003-BF003-01MS

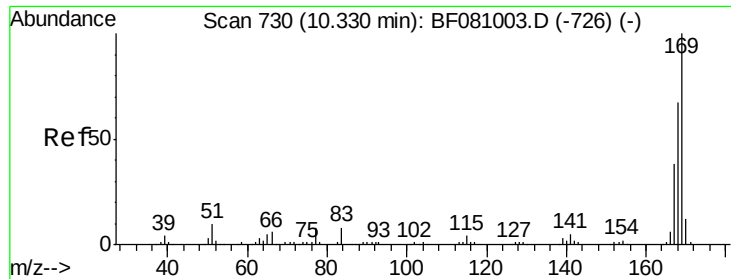
Tgt Ion:188 Resp: 244660
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 10.3 9.5 14.3



#64
4,6-Dinitro-2-methylphenol
Concen: 32.42 ng
RT: 10.17 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF081203.D
Acq: 25 Aug 2015 17:29

Tgt Ion:198 Resp: 47365
Ion Ratio Lower Upper
198 100
51 31.3 79.7 119.7#
105 33.9 47.0 87.0#





#65

n-Nitrosodiphenylamine

Concen: 33.11 ng

RT: 10.23 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

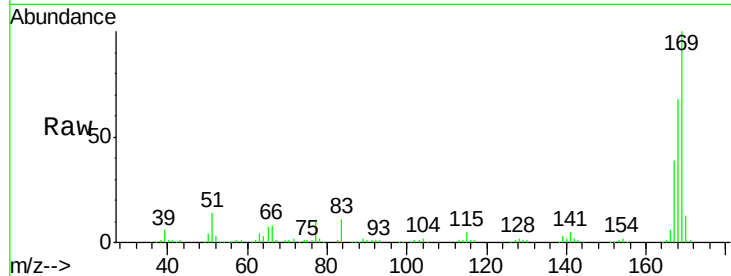
Tgt Ion:169 Resp: 289122

Ion Ratio Lower Upper

169 100

168 68.4 55.3 82.9

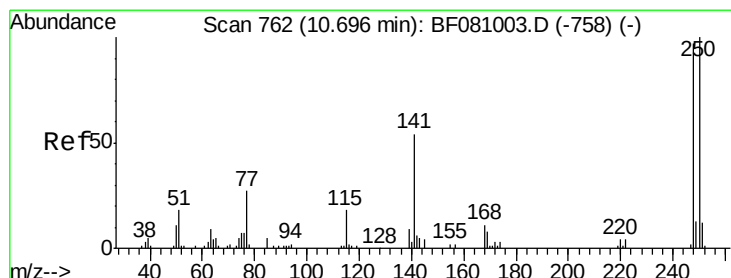
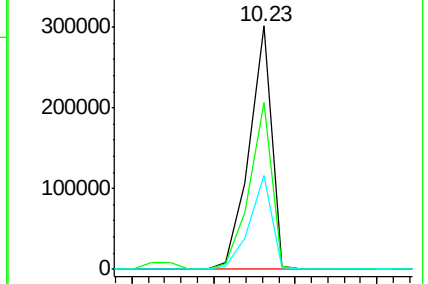
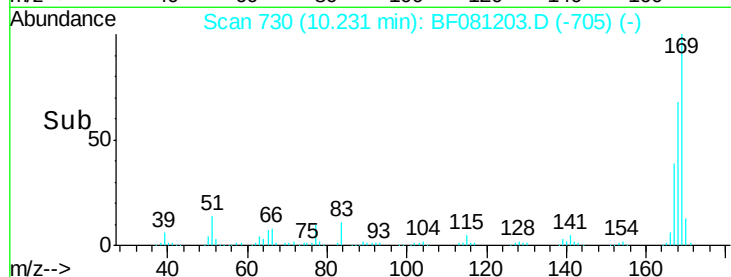
167 38.8 30.8 46.2



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: 32.05 ng

RT: 10.58 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

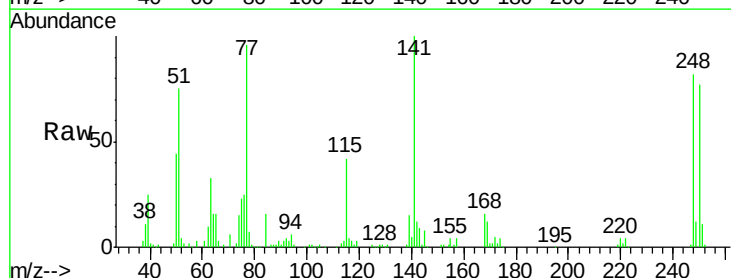
Tgt Ion:248 Resp: 77036

Ion Ratio Lower Upper

248 100

250 93.5 77.8 116.6

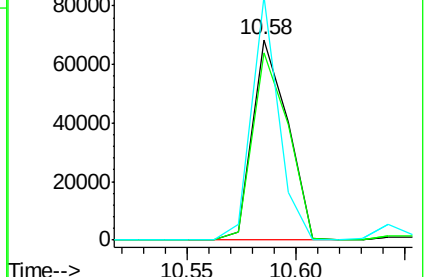
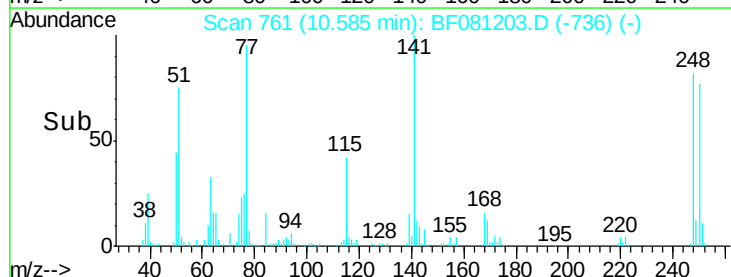
141 121.3 39.8 59.6#

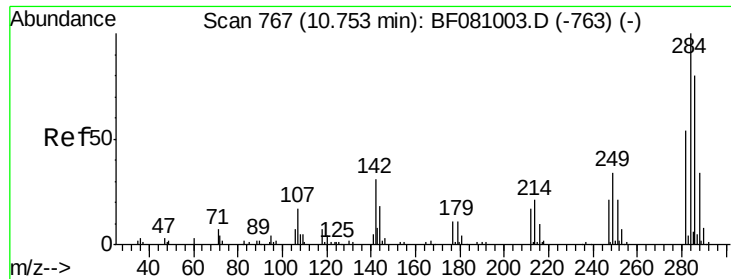


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 32.86 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

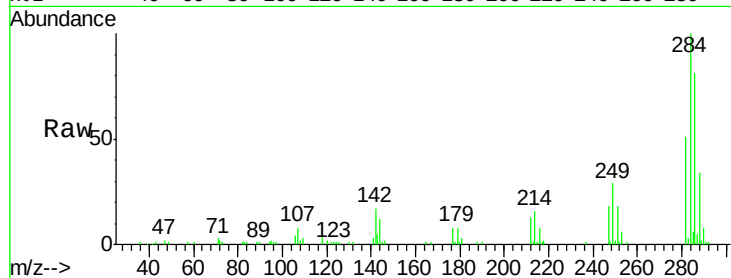
Tgt Ion:284 Resp: 79981

Ion Ratio Lower Upper

284 100

142 17.0 25.4 38.0#

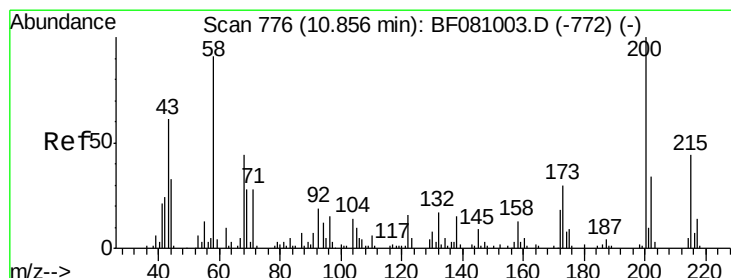
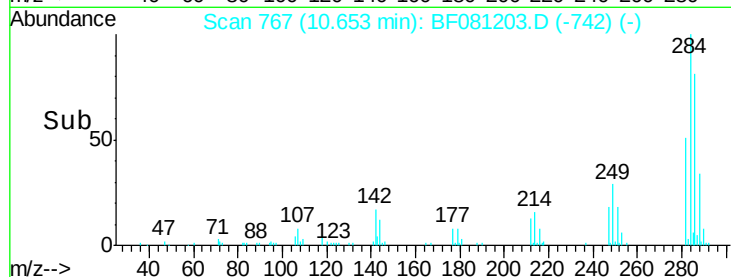
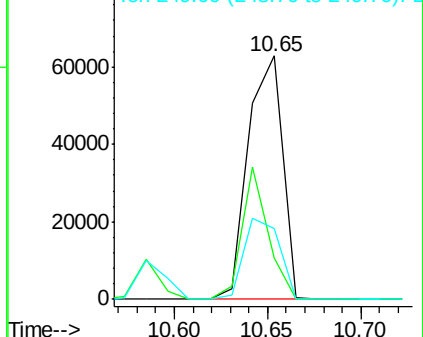
249 29.1 28.5 42.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 32.30 ng

RT: 10.76 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

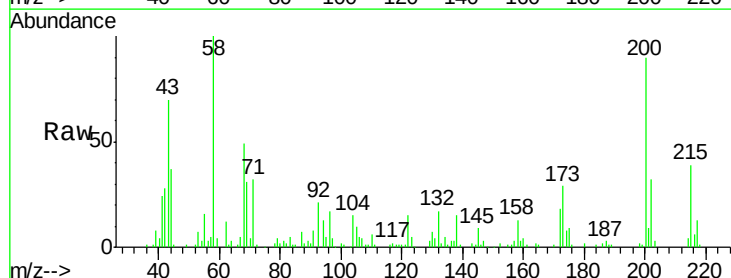
Tgt Ion:200 Resp: 78587

Ion Ratio Lower Upper

200 100

173 32.2 8.1 48.1

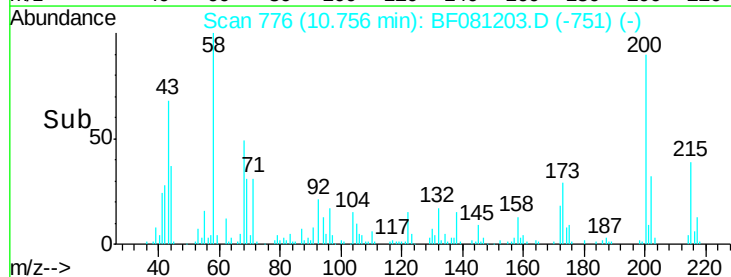
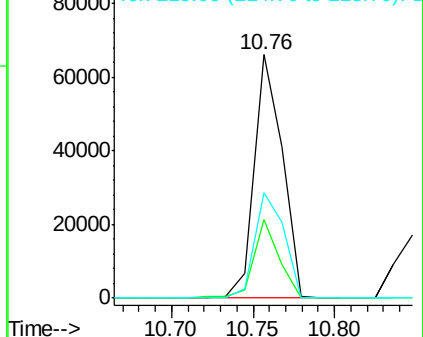
215 43.2 23.3 63.3

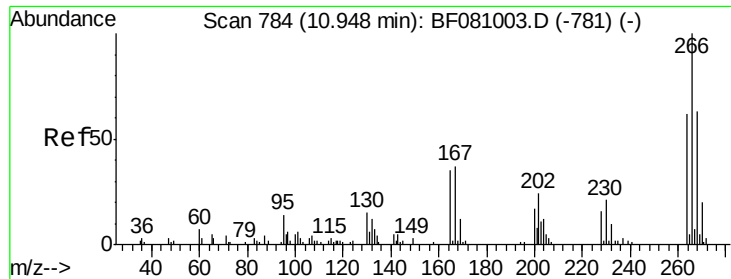


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

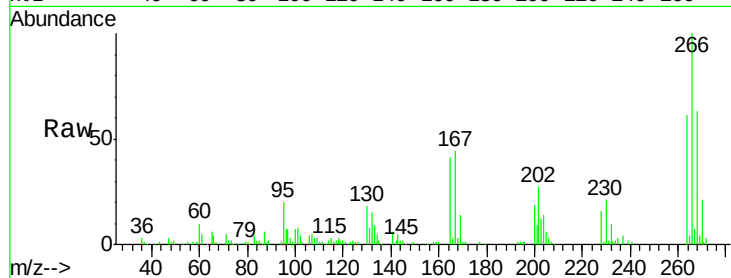




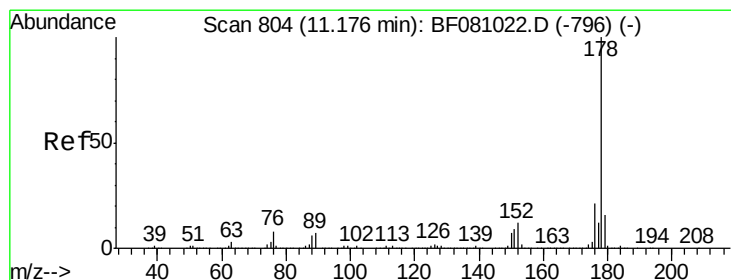
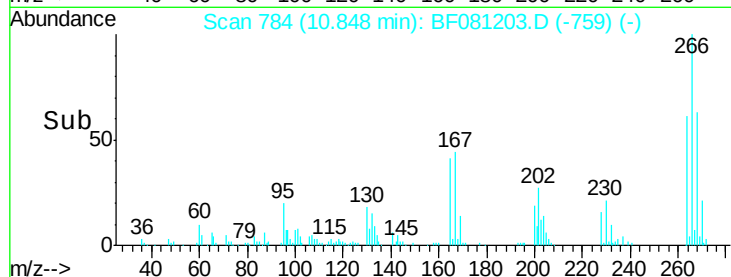
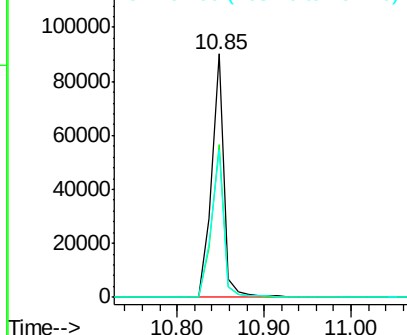
#69
 Pentachlorophenol
 Concen: 62.03 ng
 RT: 10.85 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 P003-BF003-01MS

Tgt Ion: 266 Resp: 90597
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.2 76.8
 264 60.6 50.6 75.8

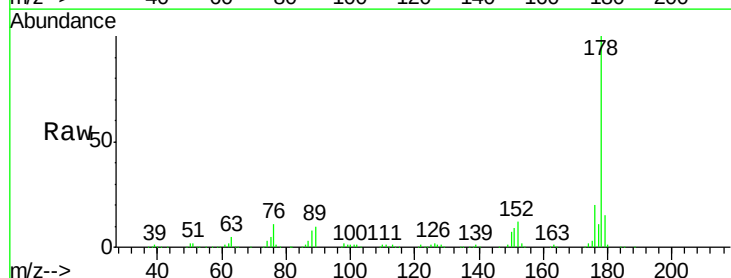


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

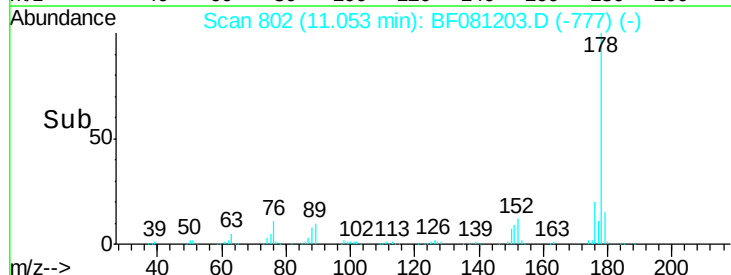
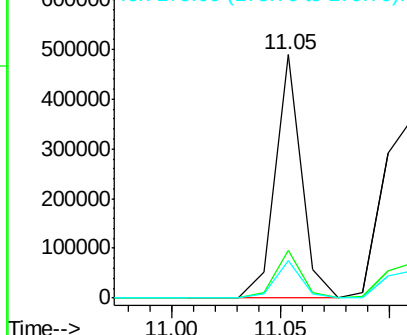


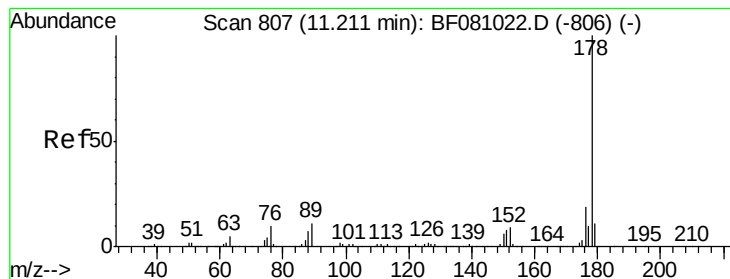
#70
 Phenanthrene
 Concen: 28.48 ng
 RT: 11.05 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

Tgt Ion: 178 Resp: 412946
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.7 23.5
 179 15.5 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: 32.61 ng

RT: 11.11 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

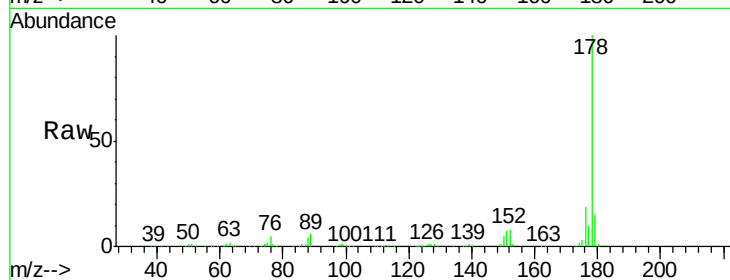
Tgt Ion:178 Resp: 460145

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

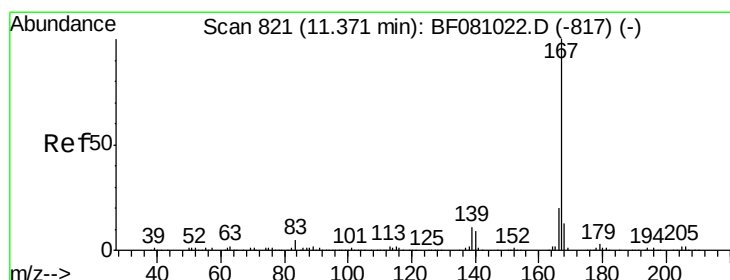
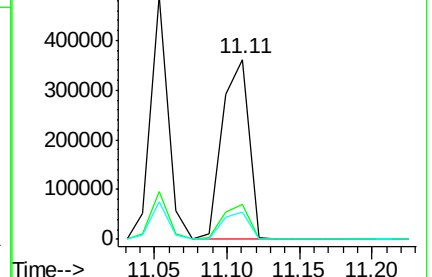
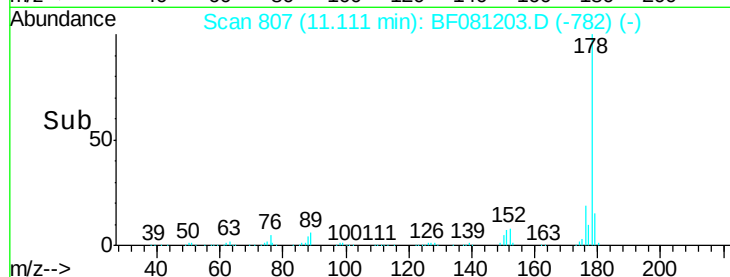
179 15.4 12.7 19.1



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: 32.89 ng

RT: 11.27 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

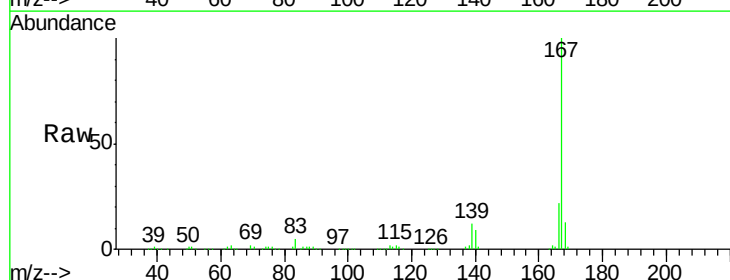
Tgt Ion:167 Resp: 446854

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

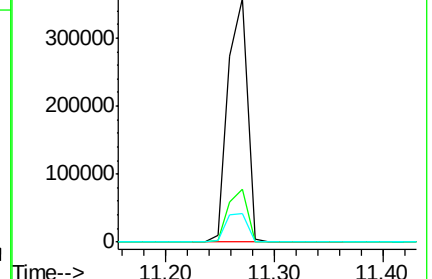
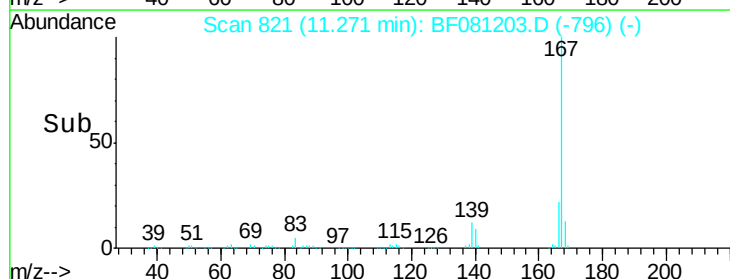
139 11.6 10.6 16.0

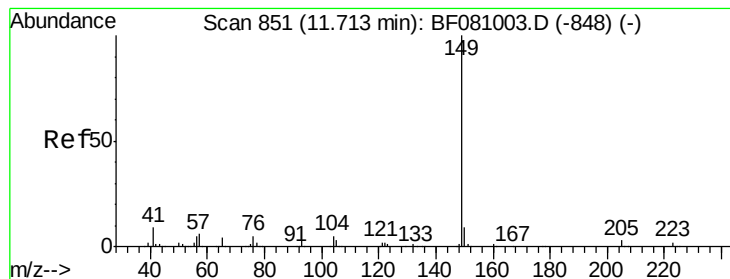


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 32.99 ng

RT: 11.61 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

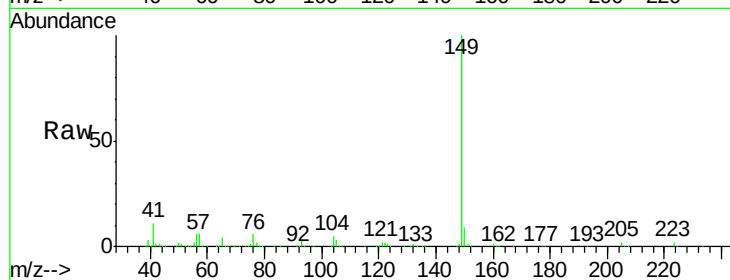
Tgt Ion:149 Resp: 542360

Ion Ratio Lower Upper

149 100

150 9.1 7.1 10.7

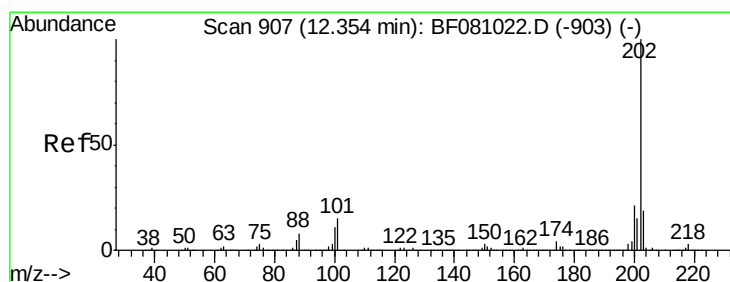
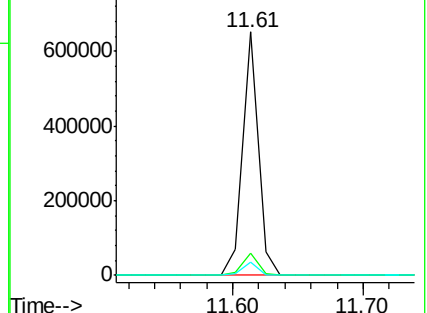
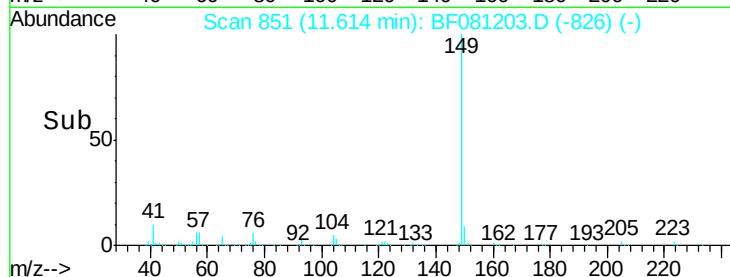
104 5.3 3.9 5.9



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: 31.49 ng

RT: 12.23 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

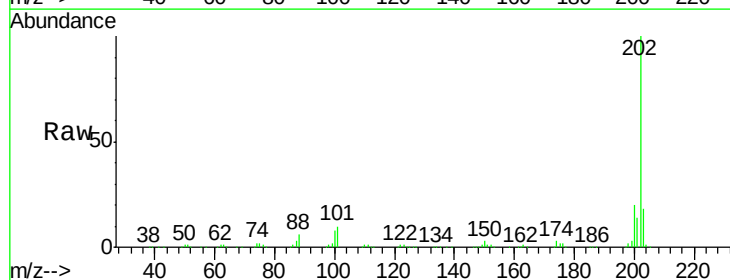
Tgt Ion:202 Resp: 492777

Ion Ratio Lower Upper

202 100

101 10.4 0.0 24.8

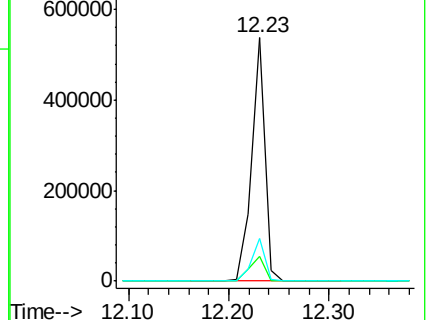
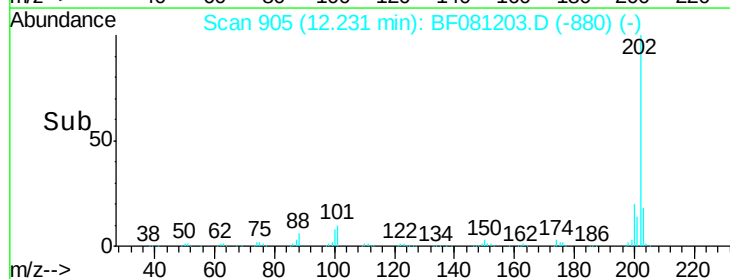
203 17.5 0.0 36.9

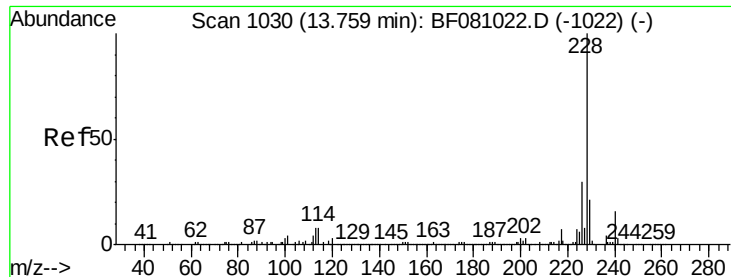


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.65 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

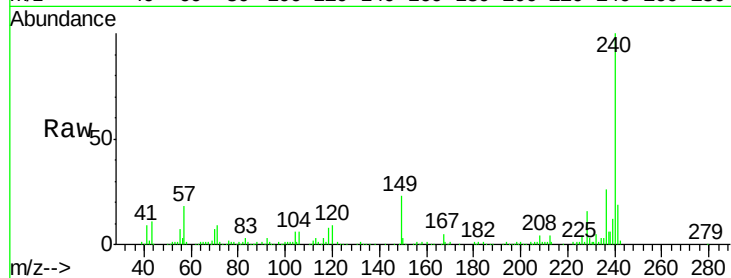
Tgt Ion:240 Resp: 205912

Ion Ratio Lower Upper

240 100

120 8.7 5.6 8.4#

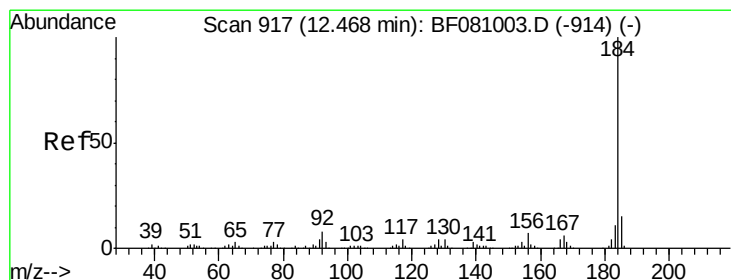
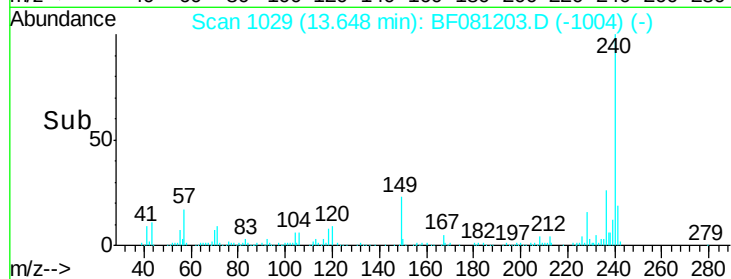
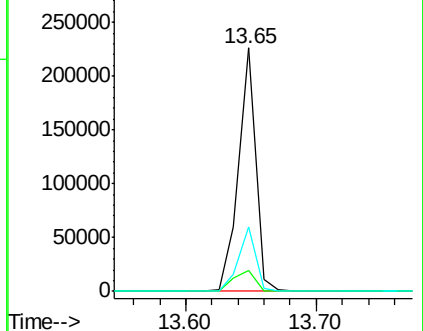
236 26.4 20.6 30.8



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: 29.78 ng

RT: 12.37 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

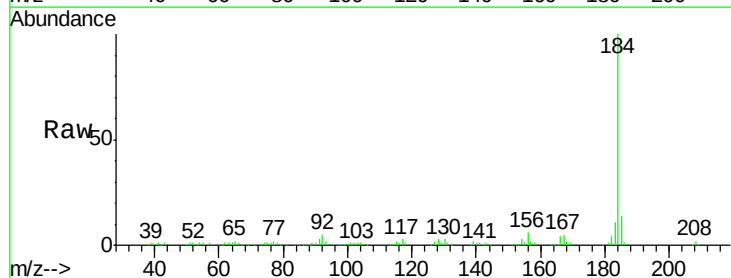
Tgt Ion:184 Resp: 231656

Ion Ratio Lower Upper

184 100

185 13.5 12.0 18.0

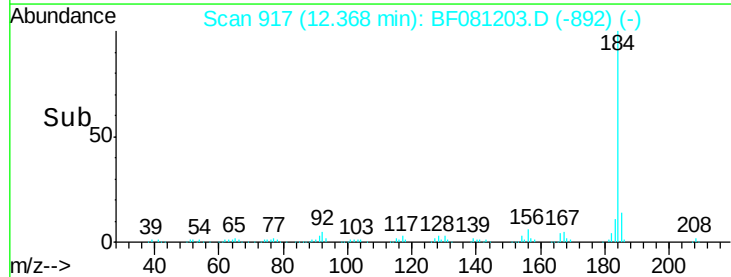
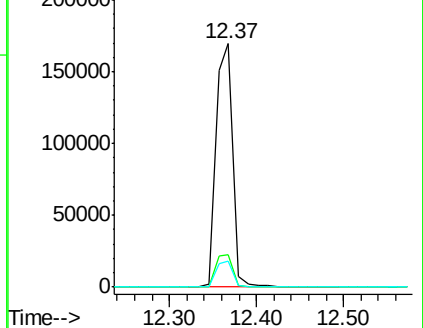
183 10.6 8.9 13.3

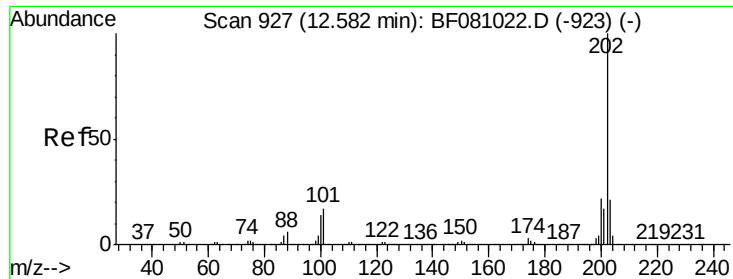


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

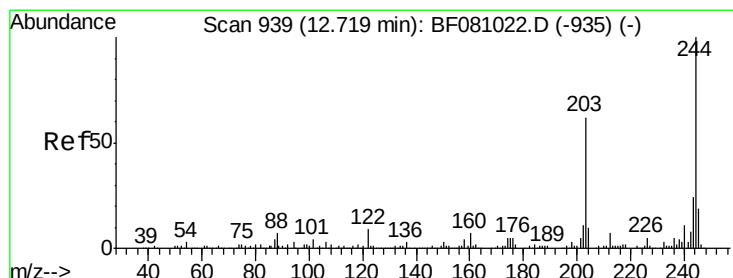
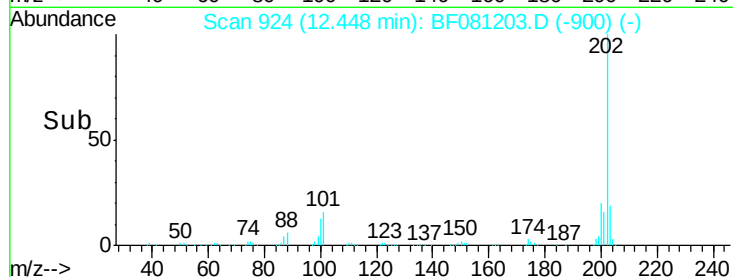
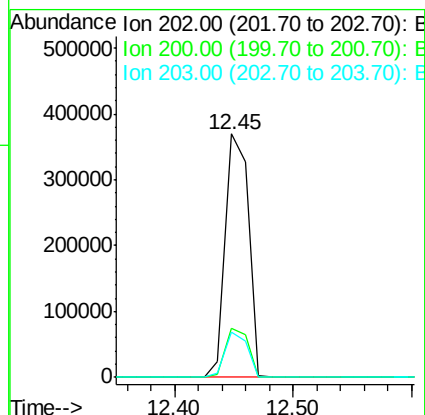
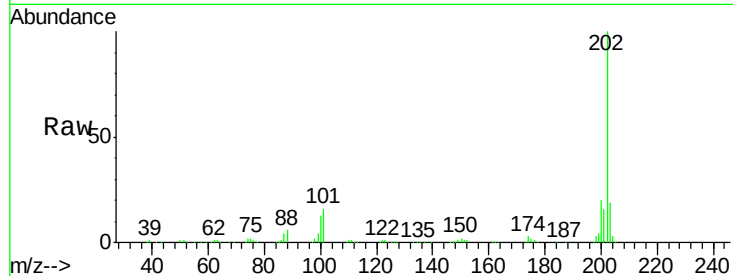




#77
 Pyrene
 Concen: 29.78 ng
 RT: 12.45 min Scan# 924
 Delta R.T. -0.02 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

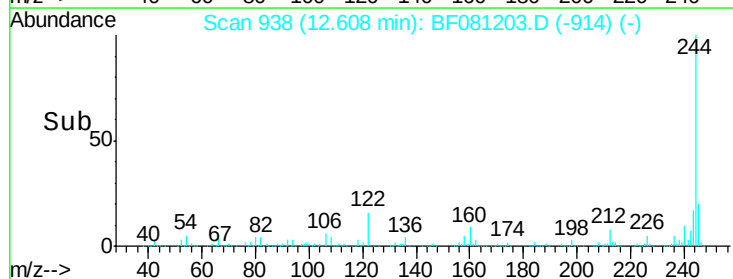
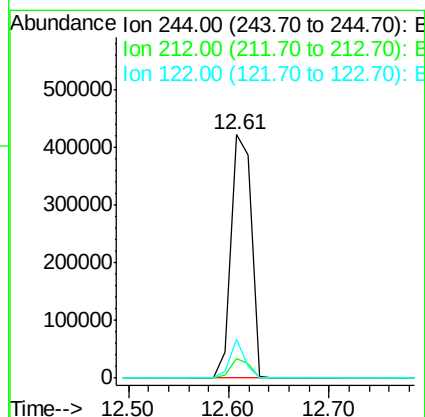
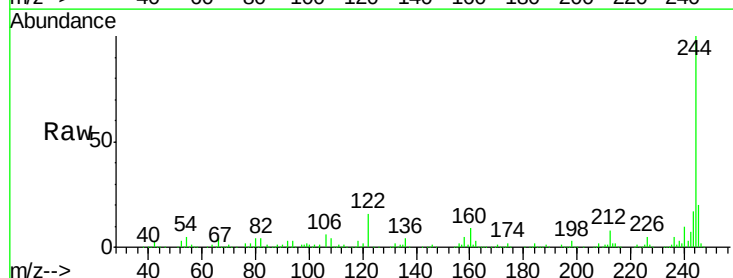
Instrument :
 BNA_F
 ClientSampleId :
 P003-BF003-01MS

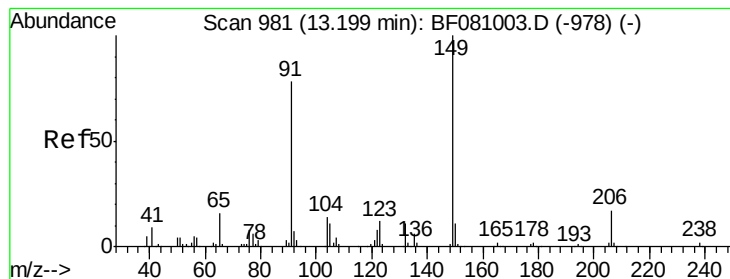
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	24.8
203	18.6	14.1	21.1



#78
 Terphenyl-d14
 Concen: 61.41 ng
 RT: 12.61 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	16.1	8.2	12.4





#79

Butylbenzylphthalate

Concen: 33.37 ng

RT: 13.10 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

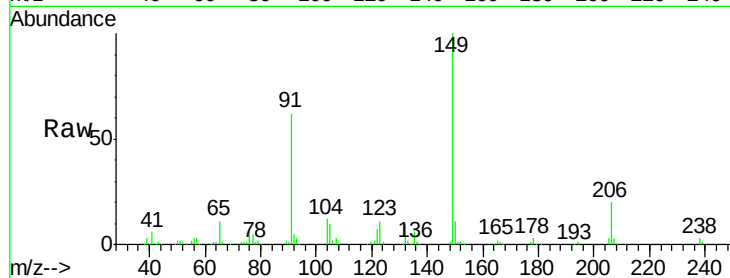
Tgt Ion:149 Resp: 240088

Ion Ratio Lower Upper

149 100

91 62.2 46.9 70.3

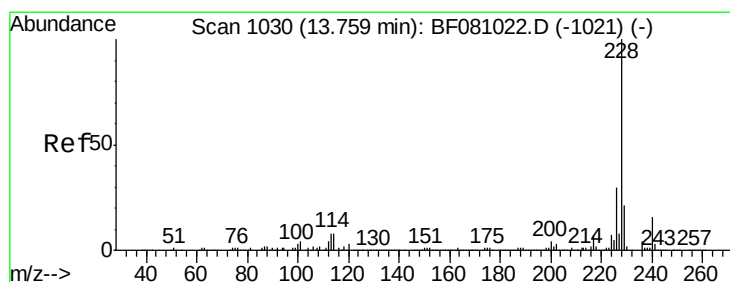
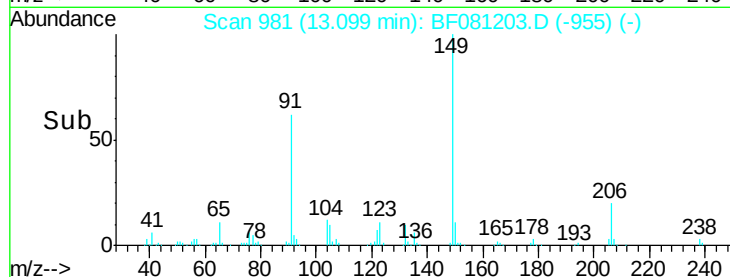
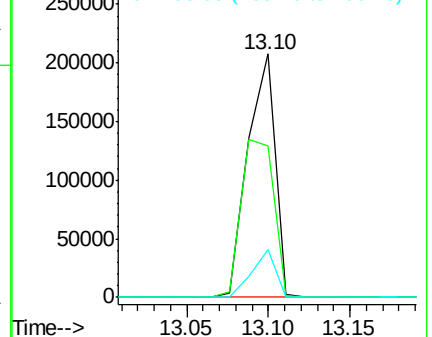
206 19.6 17.0 25.4



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: 30.05 ng

RT: 13.64 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

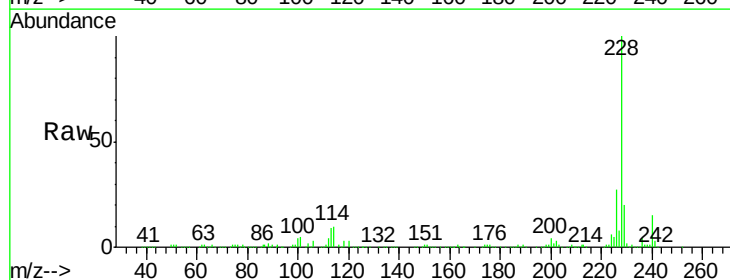
Tgt Ion:228 Resp: 415016

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

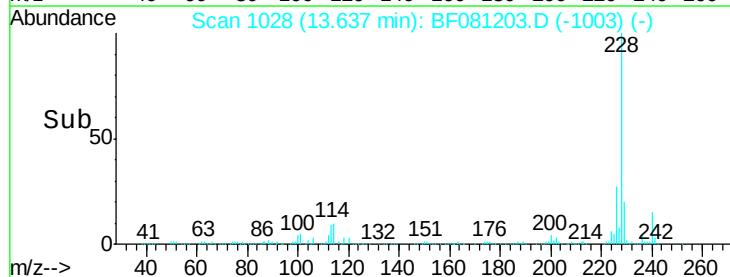
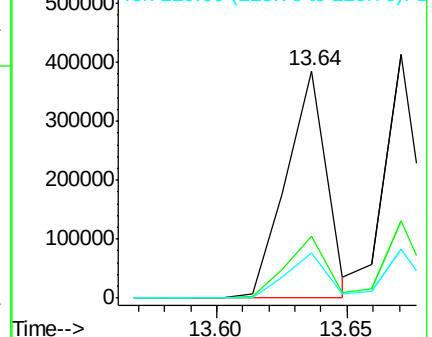
229 19.8 15.9 23.9

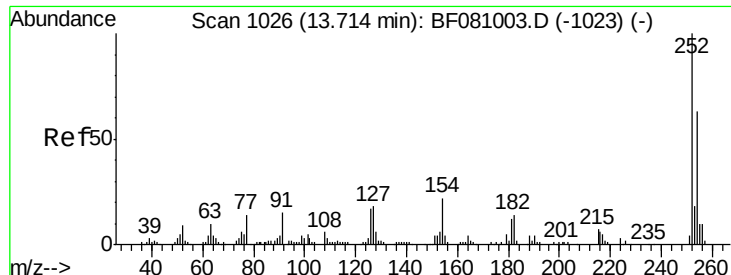


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

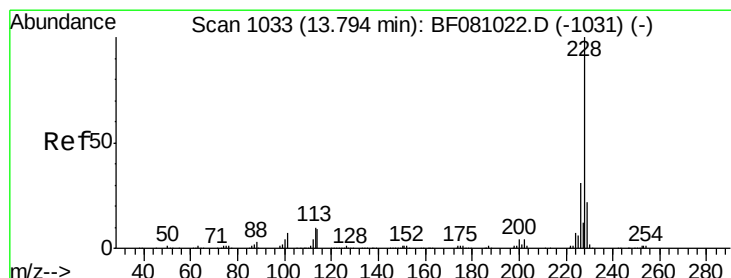
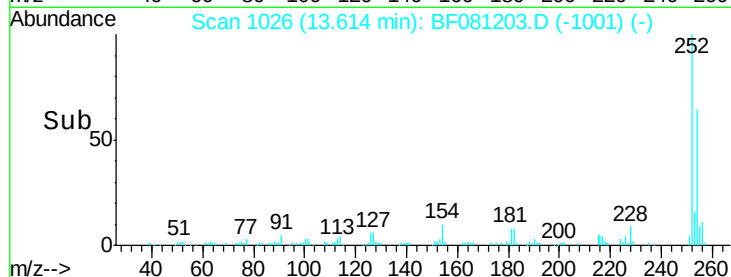
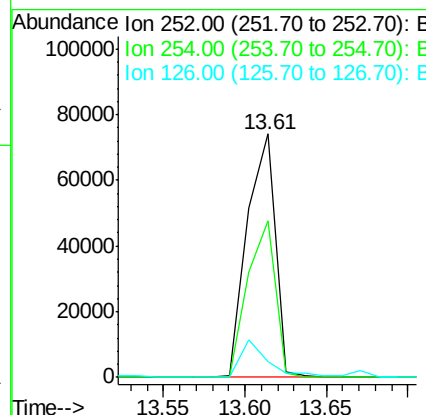
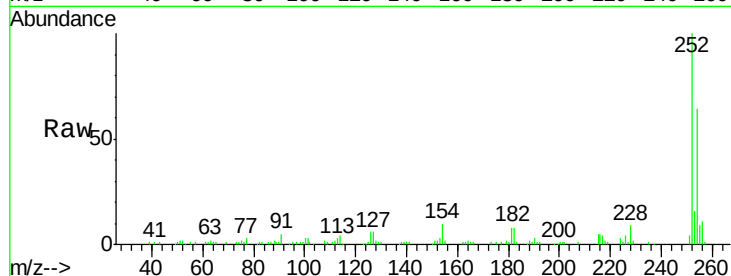




#81
 3,3'-Dichlorobenzidine
 Concen: 19.66 ng
 RT: 13.61 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

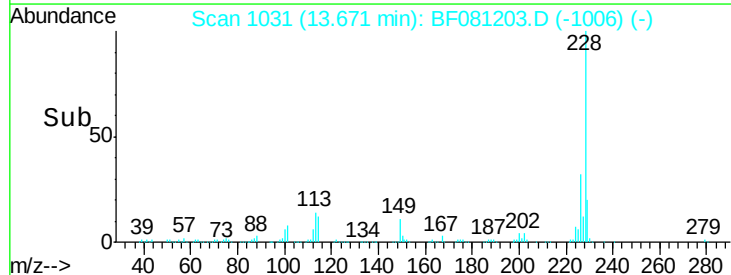
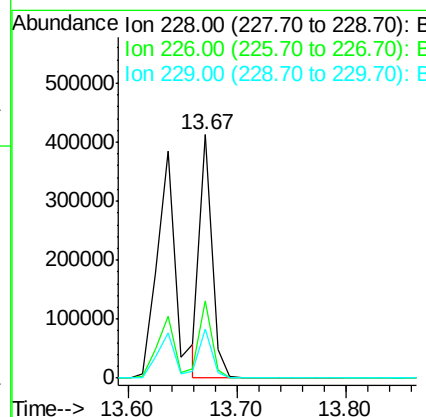
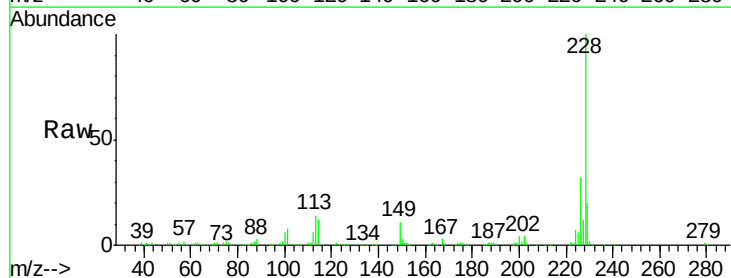
Instrument :
 BNA_F
 ClientSampleId :
 P003-BF003-01MS

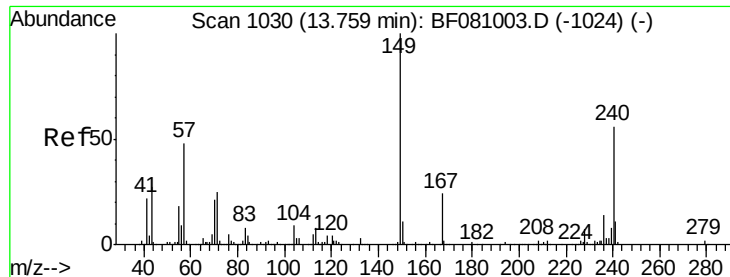
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.5	77.3
126	6.5	12.5	18.7#



#82
 Chrysene
 Concen: 25.94 ng
 RT: 13.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.4	36.6
229	20.2	16.0	24.0

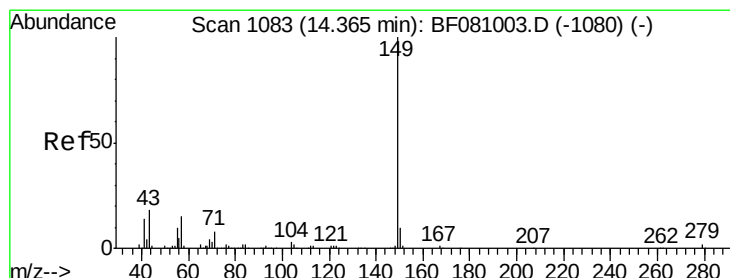
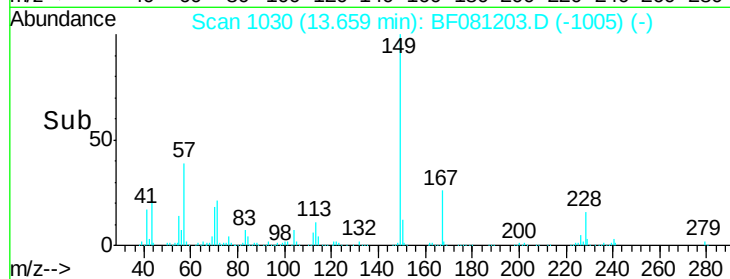
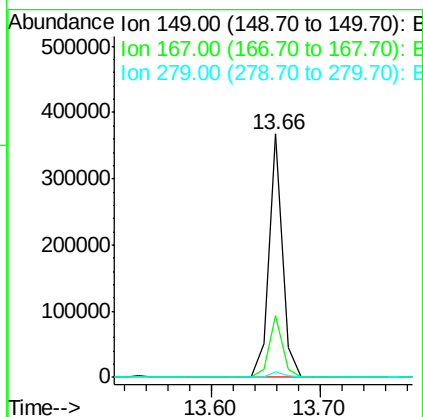
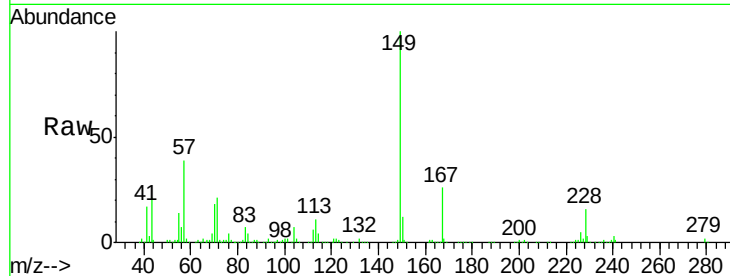




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.84 ng
 RT: 13.66 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

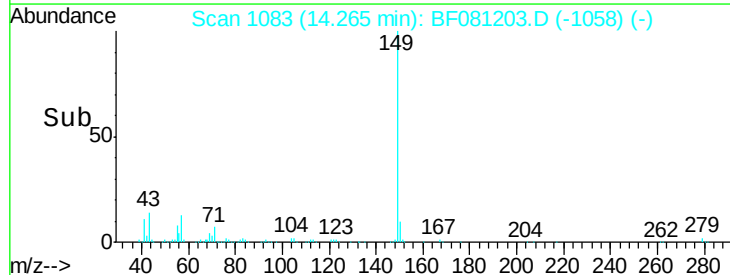
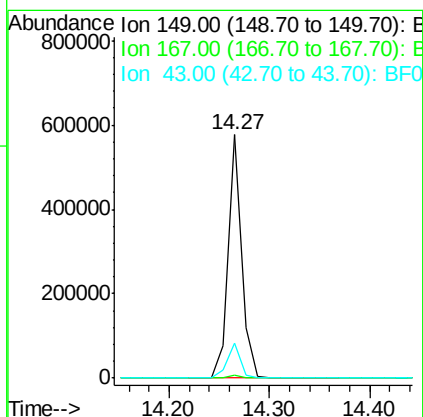
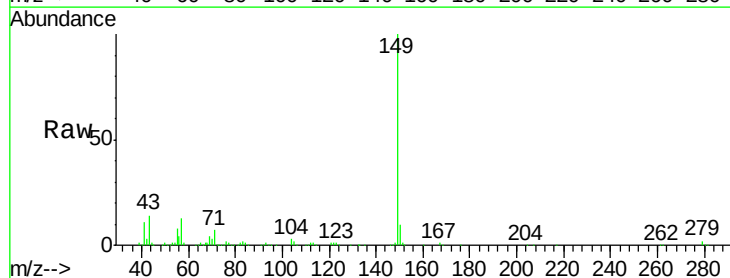
Instrument :
 BNA_F
 ClientSampleId :
 P003-BF003-01MS

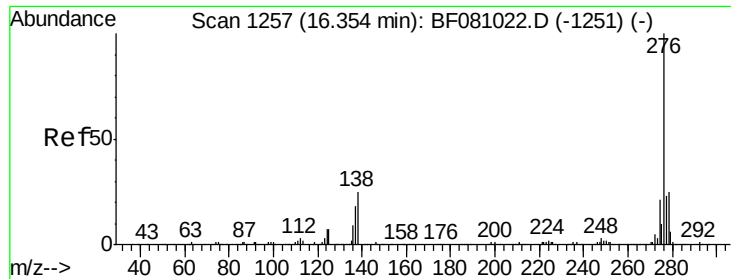
Tgt Ion:149 Resp: 321083
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.7 31.1
 279 2.1 2.2 3.4#



#84
 Di-n-octyl phthalate
 Concen: 38.13 ng
 RT: 14.27 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

Tgt Ion:149 Resp: 534090
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 14.0 11.6 17.4

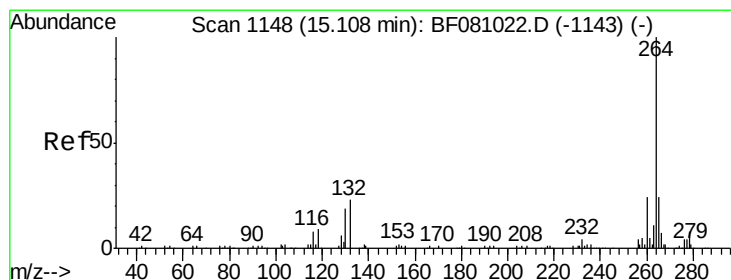
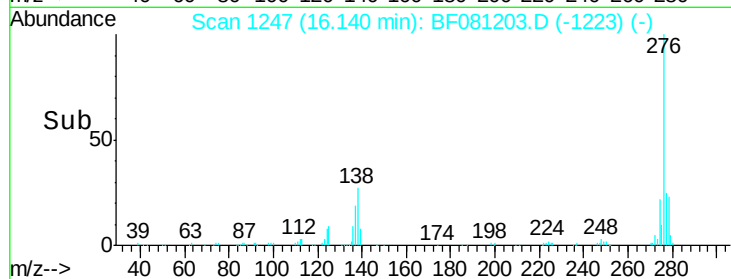
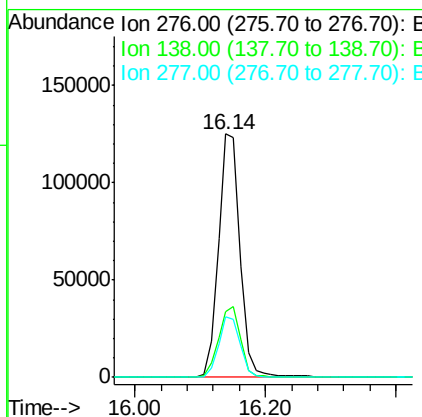
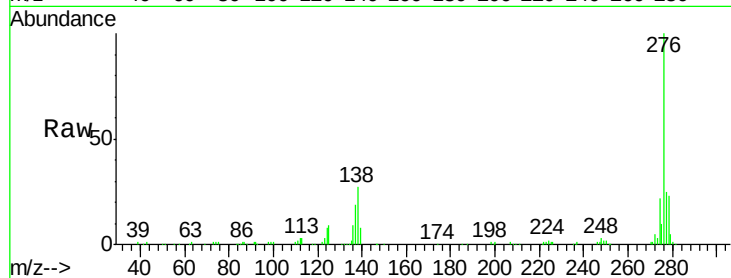




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.16 ng
 RT: 16.14 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

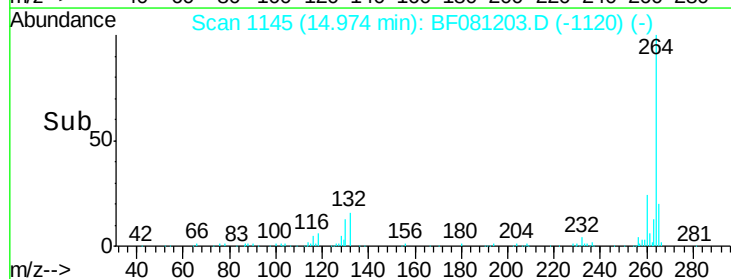
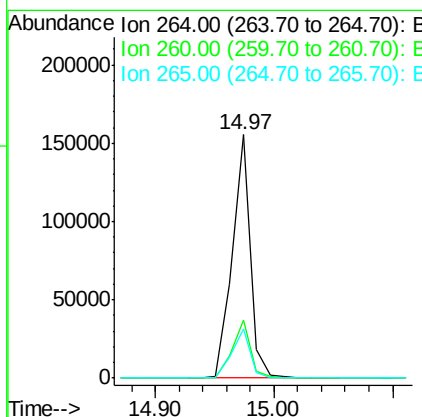
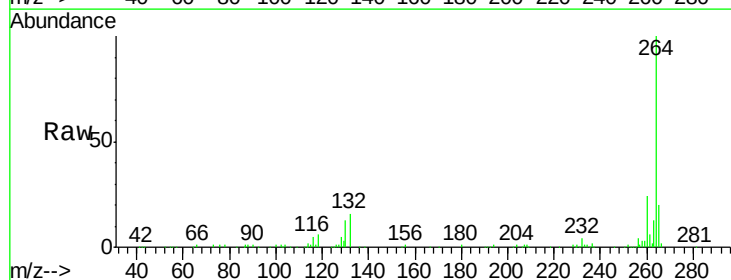
Instrument :
 BNA_F
 ClientSampleId :
 P003-BF003-01MS

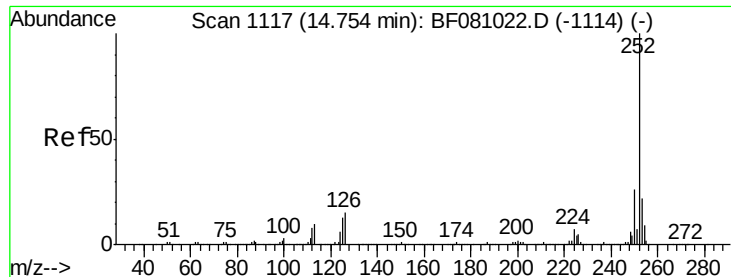
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.6	18.6	28.0#
277	24.7	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF081203.D
 Acq: 25 Aug 2015 17:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	20.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 37.65 ng m

RT: 14.63 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS

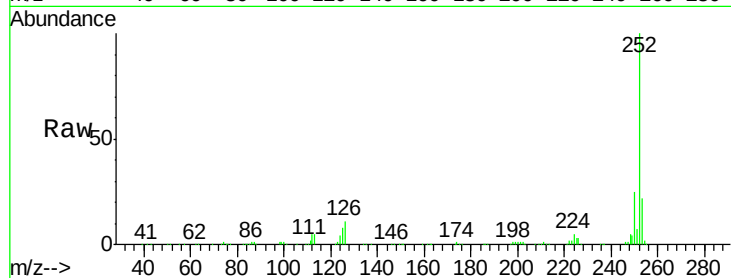
Tgt Ion:252 Resp: 437176

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

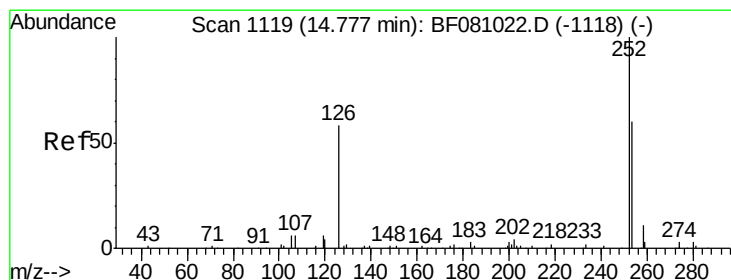
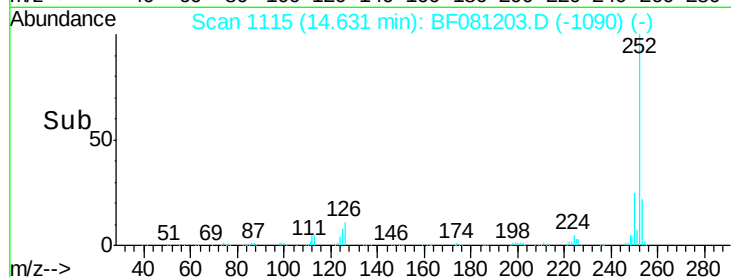
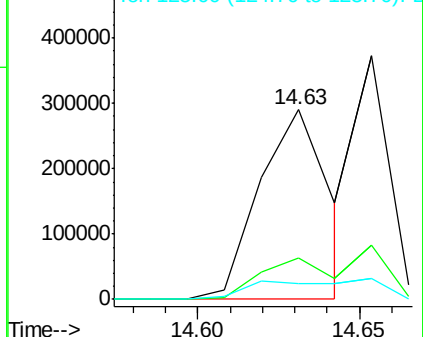
125 8.0 8.0 12.0



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



#88

Benzo(k)fluoranthene

Concen: 25.48 ng m

RT: 14.65 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF081203.D

Acq: 25 Aug 2015 17:29

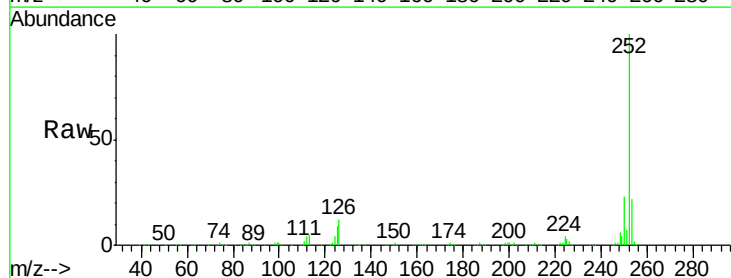
Tgt Ion:252 Resp: 275620

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

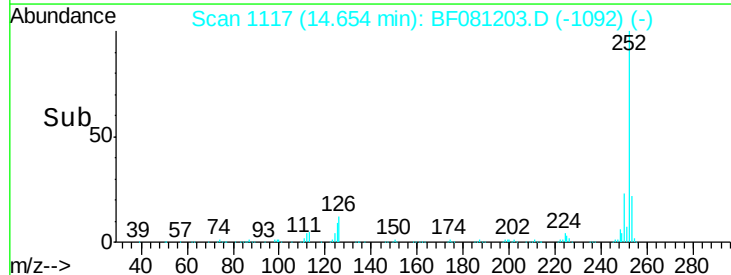
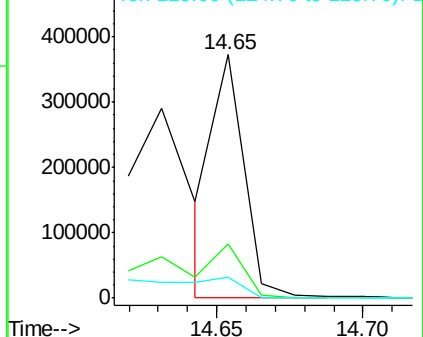
125 8.8 10.3 15.5#

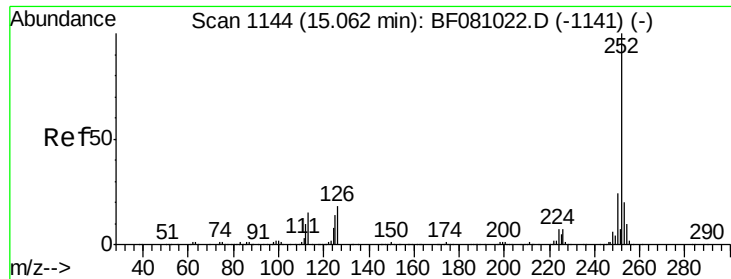


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

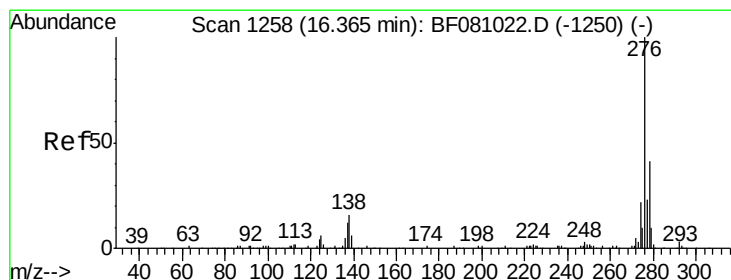
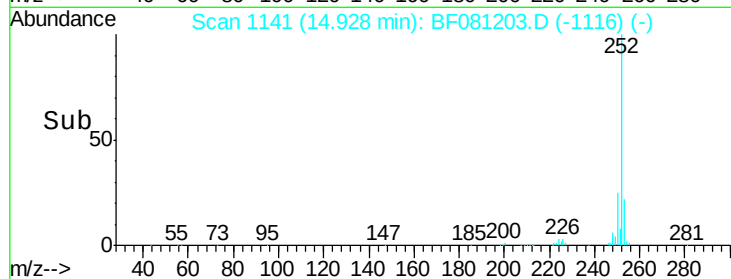
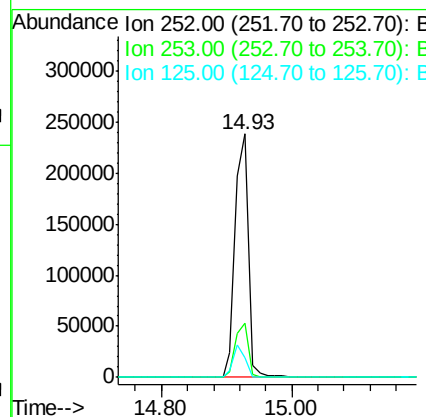
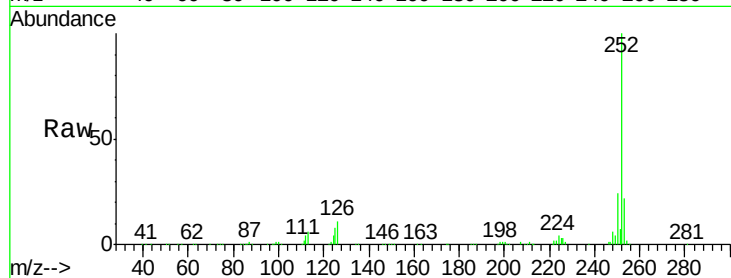




#89
Benzo(a)pyrene
Concen: 32.86 ng
RT: 14.93 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF081203.D
Acq: 25 Aug 2015 17:29

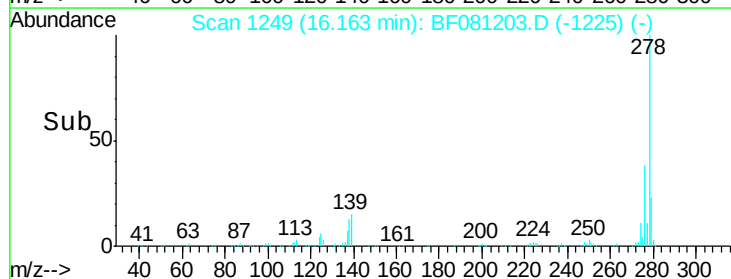
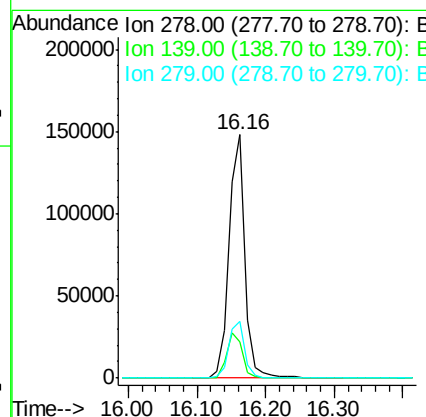
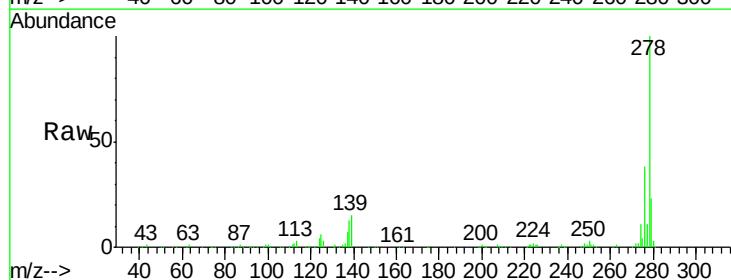
Instrument :
BNA_F
ClientSampleId :
P003-BF003-01MS

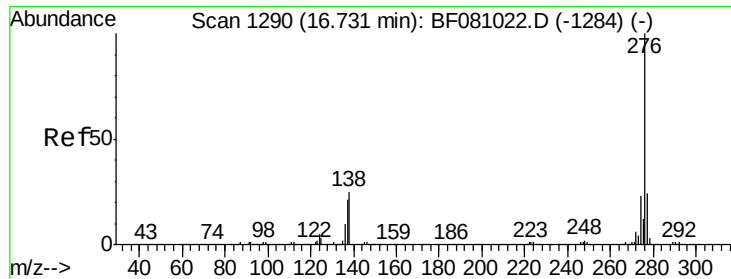
Tgt Ion: 252 Resp: 332393
Ion Ratio Lower Upper
252 100
253 22.0 16.6 25.0
125 8.2 7.8 11.8



#90
Dibenzo(a,h)anthracene
Concen: 30.76 ng
RT: 16.16 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF081203.D
Acq: 25 Aug 2015 17:29

Tgt Ion: 278 Resp: 242450
Ion Ratio Lower Upper
278 100
139 14.7 10.8 16.2
279 23.2 19.0 28.6





#91

Benzo(g,h,i)perylene

Concen: 29.48 ng

RT: 16.49 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF081203.D

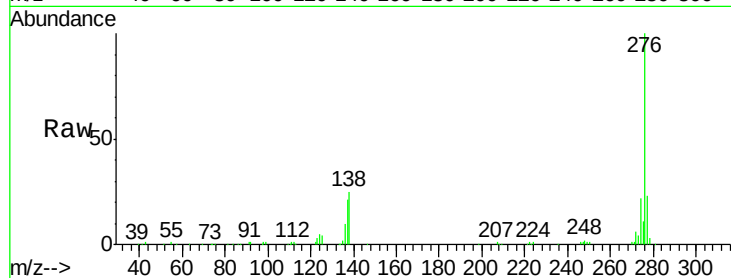
Acq: 25 Aug 2015 17:29

Instrument :

BNA_F

ClientSampleId :

P003-BF003-01MS



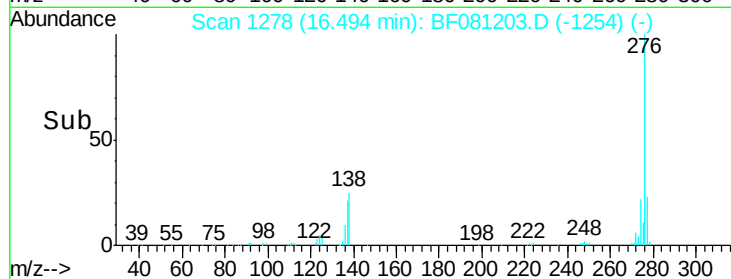
Tgt Ion: 276 Resp: 235783

Ion Ratio Lower Upper

276 100

277 23.3 18.2 27.2

138 25.4 13.7 20.5#



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

