

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081101.D
 Acq On : 20 Aug 2015 1:35
 Operator : UM/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 02:03:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	61476	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	253865	20.00	ng	-0.03
38) Acenaphthene-d10	9.62	164	122855	20.00	ng	-0.03
63) Phenanthrene-d10	11.09	188	239356	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	183773	20.00	ng	-0.04
86) Perylene-d12	15.04	264	174525	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	333559	81.61	ng	-0.04
7) Phenol-d6	6.23	99	463289	86.87	ng	-0.03
23) Nitrobenzene-d5	7.17	82	459992	82.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	78741	73.94	ng	-0.04
44) 2-Fluorobiphenyl	8.96	172	726958	77.53	ng	-0.03
78) Terphenyl-d14	12.68	244	745927	87.02	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.00	88	82527	42.85	ng	# 88
3) Pyridine	2.63	79	211253	38.86	ng	# 80
4) n-Nitrosodimethylamine	2.58	42	122296	40.41	ng	# 77
6) Aniline	6.25	93	322191	41.55	ng	# 56
8) 2-Chlorophenol	6.37	128	177239	39.62	ng	97
9) Benzaldehyde	6.13	77	139271	40.51	ng	97
10) Phenol	6.25	94	273498	43.42	ng	93
11) bis(2-Chloroethyl)ether	6.33	93	188029	38.91	ng	91
12) 1,3-Dichlorobenzene	6.53	146	208155	43.30	ng	97
13) 1,4-Dichlorobenzene	6.61	146	214341	45.03	ng	98
14) 1,2-Dichlorobenzene	6.76	146	170560	38.29	ng	97
15) Benzyl Alcohol	6.74	79	174309	40.40	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.88	45	367914	38.74	ng	100
17) 2-Methylphenol	6.86	107	160608	41.84	ng	94
18) Hexachloroethane	7.10	117	75967	39.50	ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	158993	43.04	ng	93
20) 3+4-Methylphenols	7.02	107	188421	38.67	ng	# 60
22) Acetophenone	7.01	105	248389	37.27	ng	# 91
24) Nitrobenzene	7.18	77	213147	36.68	ng	95
25) Isophorone	7.43	82	424954	41.00	ng	# 95
26) 2-Nitrophenol	7.50	139	107877	44.64	ng	# 72
27) 2,4-Dimethylphenol	7.54	122	158275	37.02	ng	95
28) bis(2-Chloroethoxy)methane	7.65	93	259945	42.46	ng	99
29) 2,4-Dichlorophenol	7.74	162	143986	40.01	ng	89
30) 1,2,4-Trichlorobenzene	7.82	180	151757	37.94	ng	98
31) Naphthalene	7.90	128	572945	40.49	ng	99
32) Benzoic acid	7.68	122	112279	46.69	ng	93
33) 4-Chloroaniline	7.96	127	249529	41.79	ng	# 90
34) Hexachlorobutadiene	8.02	225	98040	43.34	ng	98
35) Caprolactam	8.34	113	56605	45.00	ng	# 65
36) 4-Chloro-3-methylphenol	8.45	107	189387	44.15	ng	97
37) 2-Methylnaphthalene	8.58	142	338433	37.86	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	159021	40.12	ng	99
40) Hexachlorocyclopentadiene	8.74	237	82570	40.25	ng	99

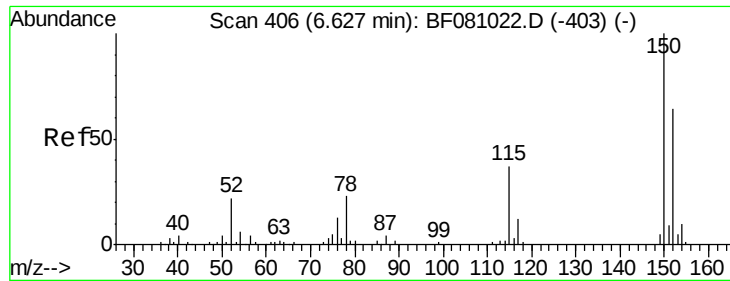
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	114237	40.79	nq	97
43) 2,4,5-Trichlorophenol	8.90	196	103672	37.04	nq	# 85
45) 1,1'-Biphenyl	9.05	154	404907	37.42	nq	95
46) 2-Chloronaphthalene	9.08	162	344500	39.63	nq	97
47) 2-Nitroaniline	9.18	65	143612	40.37	nq	# 59
48) Acenaphthylene	9.49	152	603948	38.84	nq	99
49) Dimethylphthalate	9.36	163	356179	35.20	nq	98
50) 2,6-Dinitrotoluene	9.42	165	75759	34.87	nq	# 67
51) Acenaphthene	9.66	154	356971	38.34	nq	100
52) 3-Nitroaniline	9.59	138	118732	43.68	nq	# 73
53) 2,4-Dinitrophenol	9.69	184	54635	49.78	nq	# 51
54) Dibenzofuran	9.83	168	485508	38.92	nq	98
55) 4-Nitrophenol	9.75	139	70554	36.95	nq	# 84
56) 2,4-Dinitrotoluene	9.82	165	105112	36.51	nq	# 75
57) Fluorene	10.16	166	347443	36.20	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	88727	40.96	nq	94
59) Diethylphthalate	10.06	149	405811	37.89	nq	97
60) 4-Chlorophenyl-phenylether	10.16	204	151709	37.36	nq	98
61) 4-Nitroaniline	10.20	138	103974	37.42	nq	91
62) Azobenzene	10.32	77	471403	38.20	nq	96
64) 4,6-Dinitro-2-methylphenol	10.23	198	67074	46.92	nq	# 40
65) n-Nitrosodiphenylamine	10.29	169	345560	40.44	nq	98
66) 4-Bromophenyl-phenylether	10.65	248	97206	41.34	nq	# 94
67) Hexachlorobenzene	10.71	284	102498	43.04	nq	98
68) Atrazine	10.81	200	92580	38.89	nq	98
69) Pentachlorophenol	10.90	266	63007	44.10	nq	99
70) Phenanthrene	11.12	178	554519	39.09	nq	99
71) Anthracene	11.17	178	547876	39.69	nq	100
72) Carbazole	11.33	167	581584	43.76	nq	100
73) Di-n-butylphthalate	11.67	149	631853	39.29	nq	98
74) Fluoranthene	12.29	202	580048	37.89	nq	91
76) Benzidine	12.43	184	305543	44.01	nq	99
77) Pyrene	12.52	202	580777	38.87	nq	99
79) Butylbenzylphthalate	13.16	149	315779	49.17	nq	# 86
80) Benzo(a)anthracene	13.69	228	560964	45.52	nq	99
81) 3,3'-Dichlorobenzidine	13.67	252	167490	41.96	nq	97
82) Chrysene	13.74	228	539958	48.61	nq	99
83) Bis(2-ethylhexyl)phthalate	13.72	149	382569	46.51	nq	# 97
84) Di-n-octyl phthalate	14.32	149	654909	52.39	nq	98
85) Indeno(1,2,3-cd)pyrene	16.25	276	419116	53.75	nq	# 94
87) Benzo(b)fluoranthene	14.72	252	958498	77.64	nq	98
88) Benzo(k)fluoranthene	14.72	252	958510	83.33	nq	# 96
89) Benzo(a)pyrene	15.00	252	418538	38.91	nq	# 96
90) Dibenzo(a,h)anthracene	16.28	278	344094	41.05	nq	# 97
91) Benzo(g,h,i)perylene	16.62	276	329483	38.75	nq	# 91

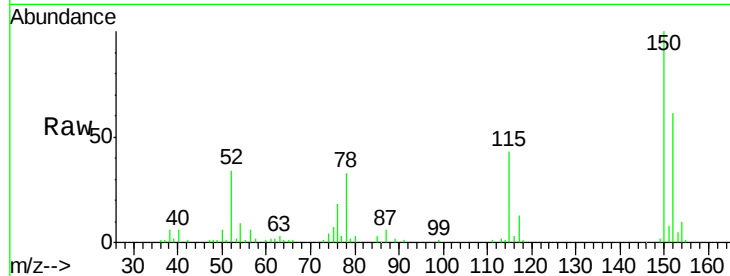
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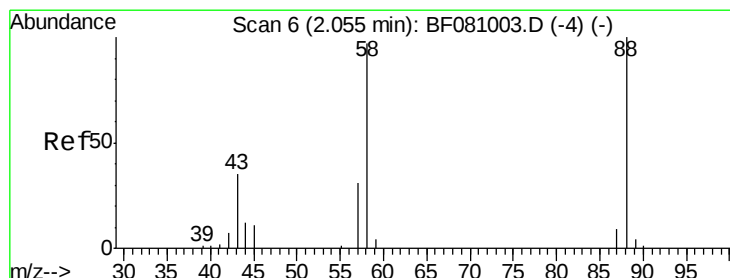
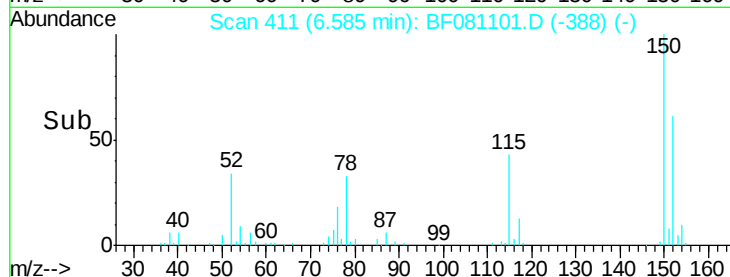
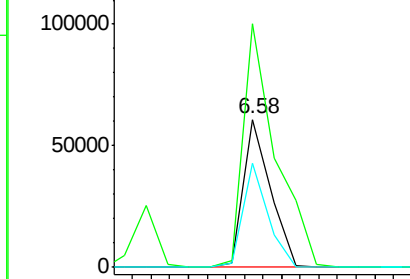
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 411
 Delta R.T. -0.04 min
 Lab File: BF081101.D
 Acq: 20 Aug 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 61476
 Ion Ratio Lower Upper
 152 100
 150 164.4 123.8 185.6
 115 70.1 52.1 78.1

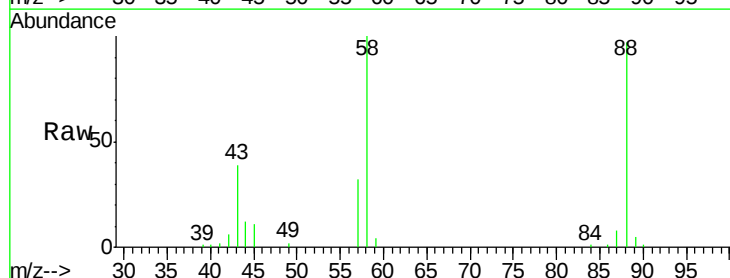


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

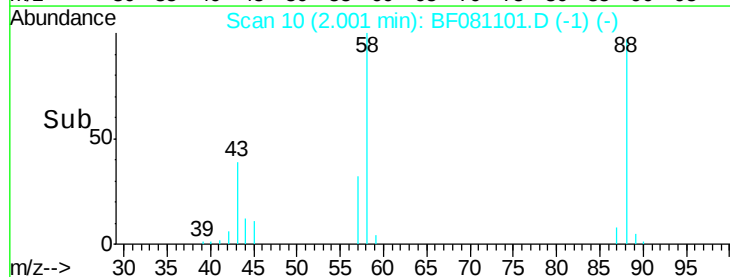
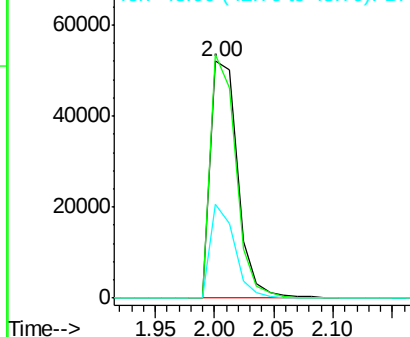


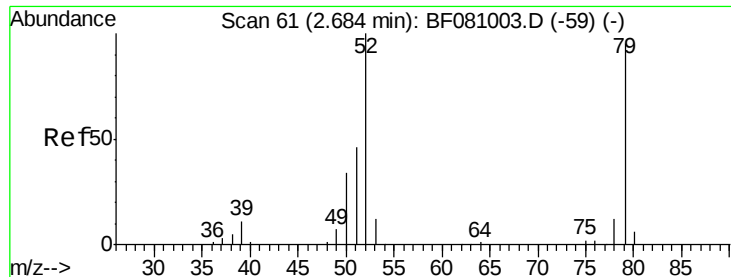
#2
 1,4-Dioxane
 Concen: 42.85 ng
 RT: 2.00 min Scan# 10
 Delta R.T. -0.05 min
 Lab File: BF081101.D
 Acq: 20 Aug 2015 1:35

Tgt Ion: 88 Resp: 82527
 Ion Ratio Lower Upper
 88 100
 58 95.4 83.7 125.5
 43 35.3 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

Pvridine

Concen: 38.86 ng

RT: 2.63 min Scan# 65

Delta R.T. -0.09 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampleId :

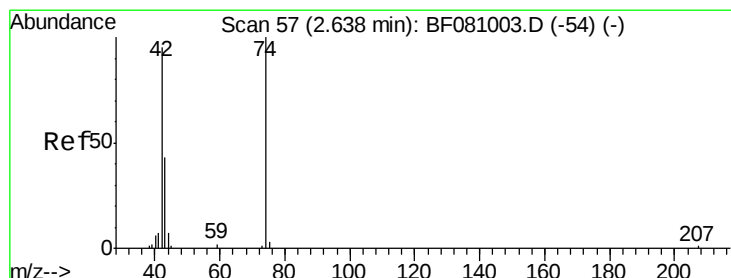
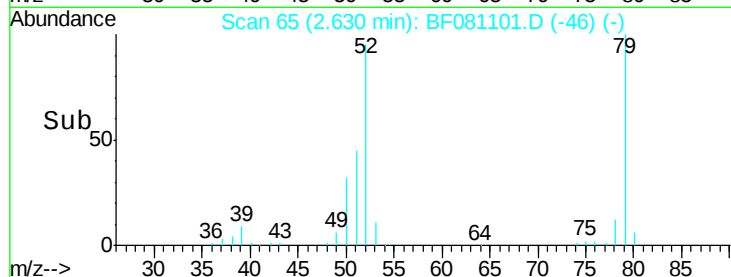
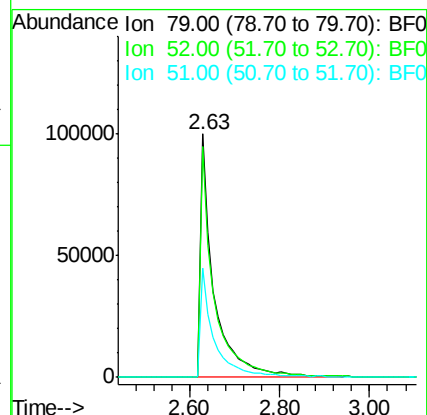
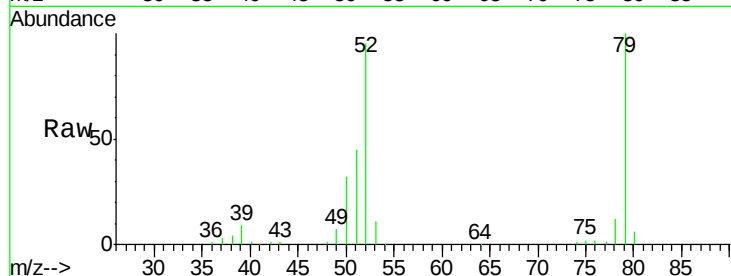
Tot Ion: 79 Resp: 211253

Ion Ratio Lower Upper

79 100

52 95.0 95.1 142.7#

51 44.9 46.6 70.0#



#4

n-Nitrosodimethylamine

Concen: 40.41 ng

RT: 2.58 min Scan# 61

Delta R.T. -0.04 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

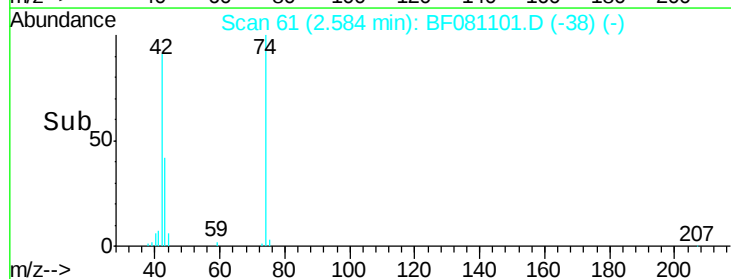
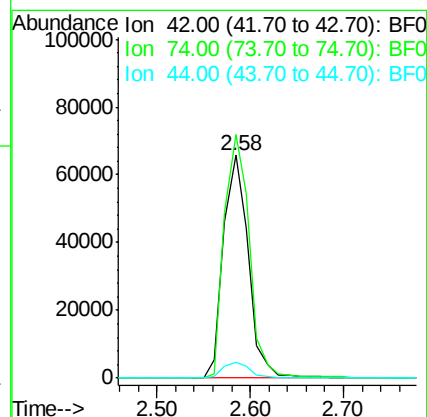
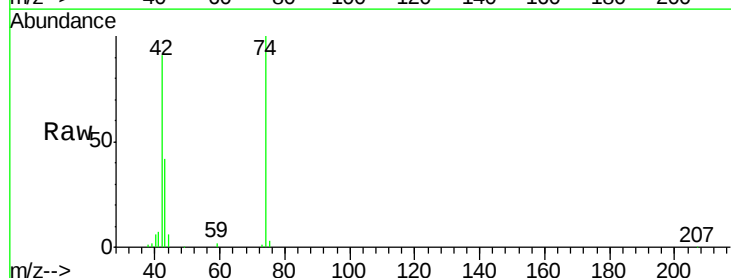
Tgt Ion: 42 Resp: 122296

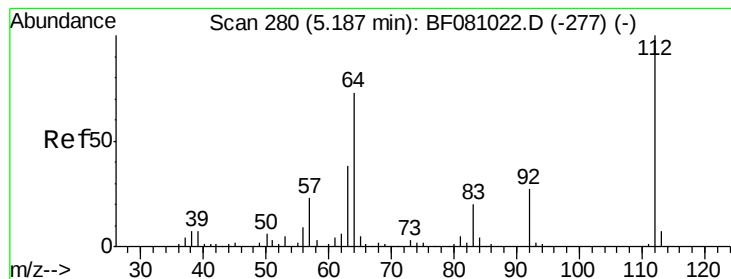
Ion Ratio Lower Upper

42 100

74 109.4 69.3 103.9#

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 81.61 ng

RT: 5.14 min Scan# 285

Delta R.T. -0.04 min

Lab File: BF081101.D

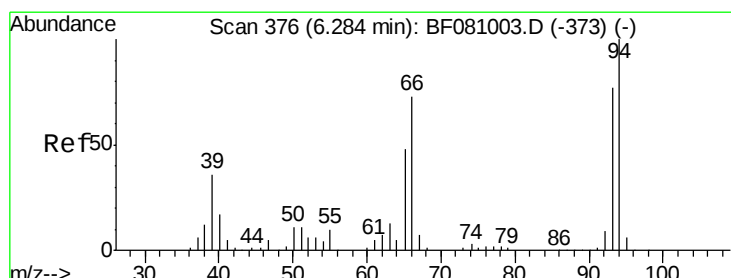
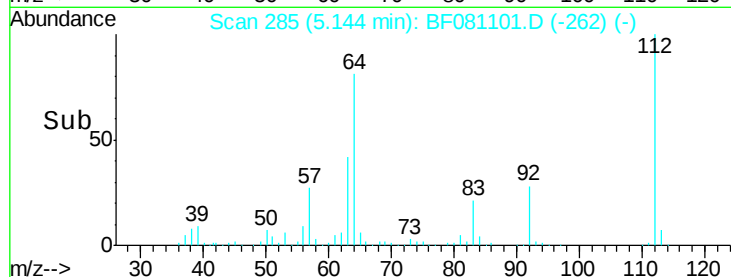
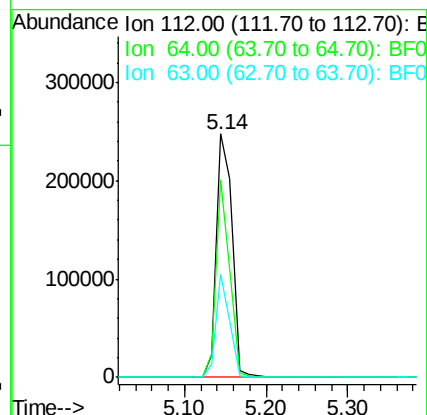
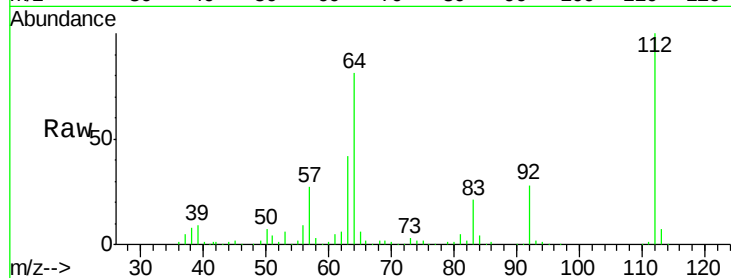
Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	333559
Ion	Ratio	Lower	Upper
112	100		
64	81.2	66.9	100.3
63	42.2	38.1	57.1



#6

Aniline

Concen: 41.55 ng

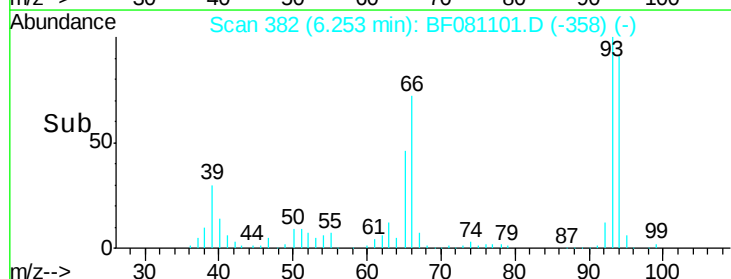
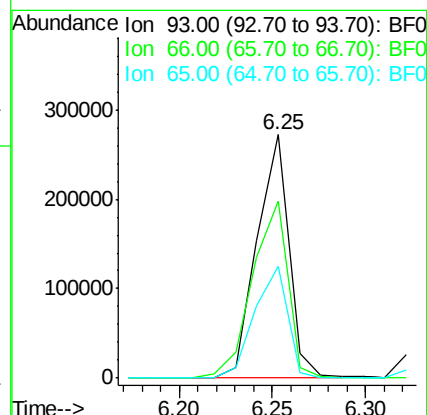
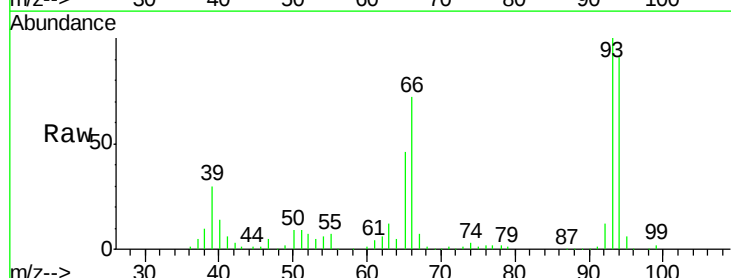
RT: 6.25 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Tgt Ion:	93	Resp:	322191
Ion	Ratio	Lower	Upper
93	100		
66	72.5	35.6	53.4#
65	45.7	18.7	28.1#





#7

Phenol-d6

Concen: 86.87 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampleId :

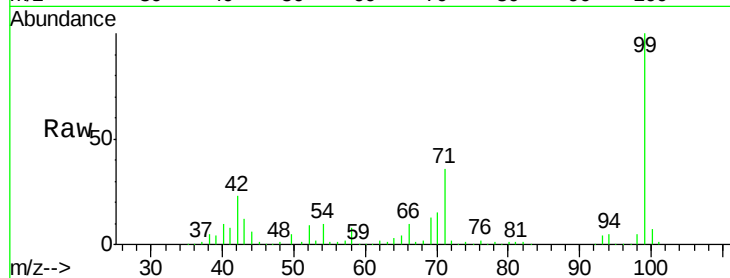
Tot Ion: 99 Resp: 463289

Ion Ratio Lower Upper

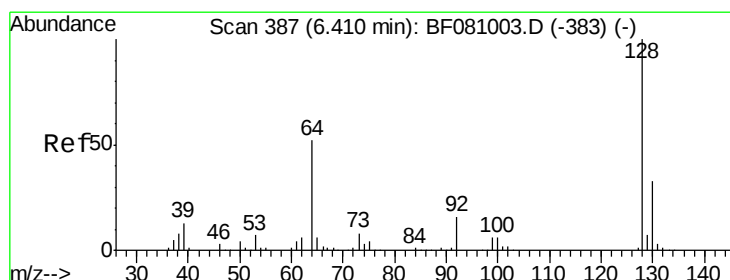
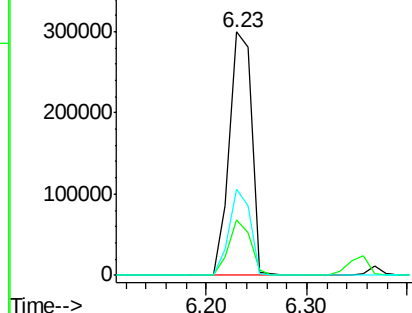
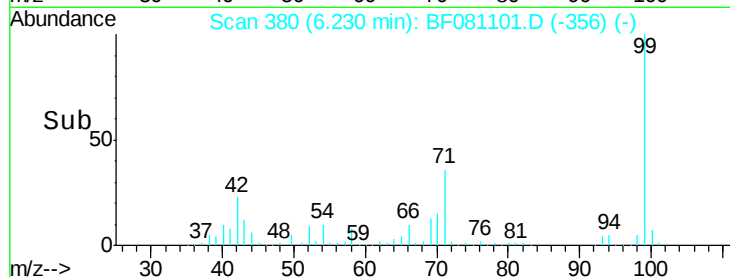
99 100

42 23.0 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: 39.62 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

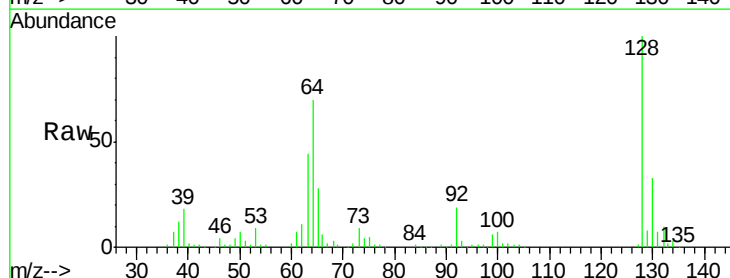
Tgt Ion: 128 Resp: 177239

Ion Ratio Lower Upper

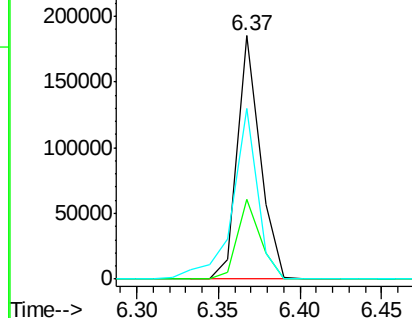
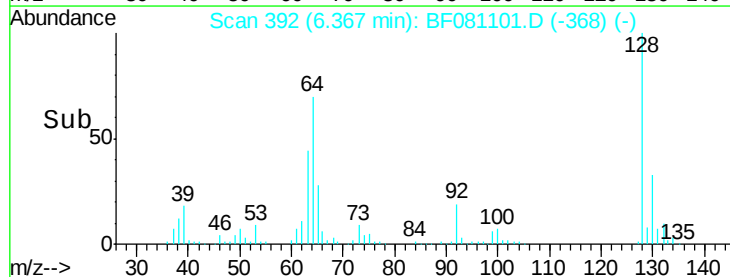
128 100

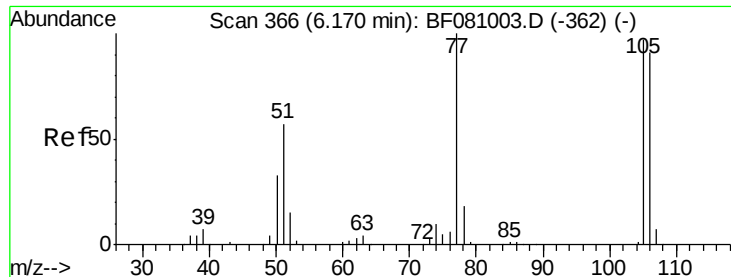
130 33.0 12.5 52.5

64 69.9 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: 40.51 ng

RT: 6.13 min Scan# 371

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampled :

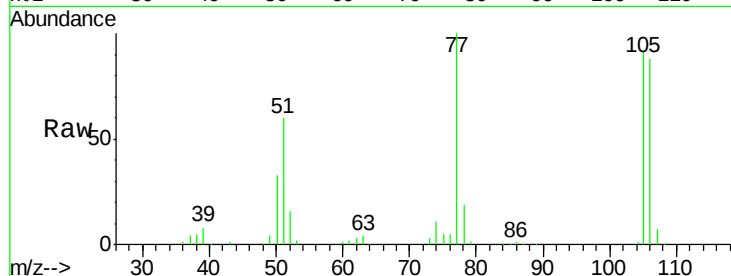
Tot Ion: 77 Resp: 139271

Ion Ratio Lower Upper

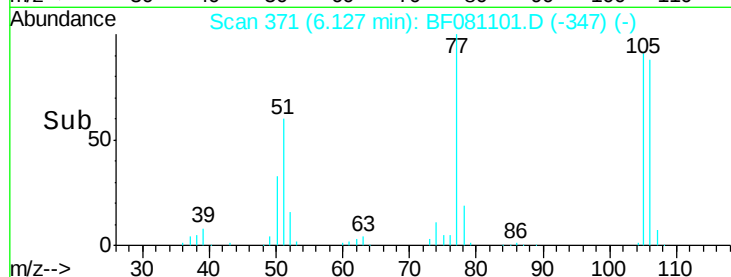
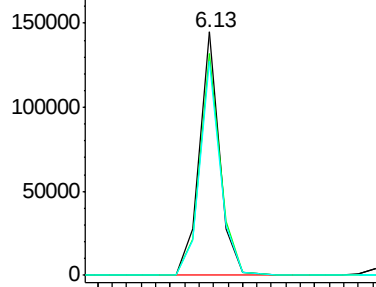
77 100

105 91.4 69.6 109.6

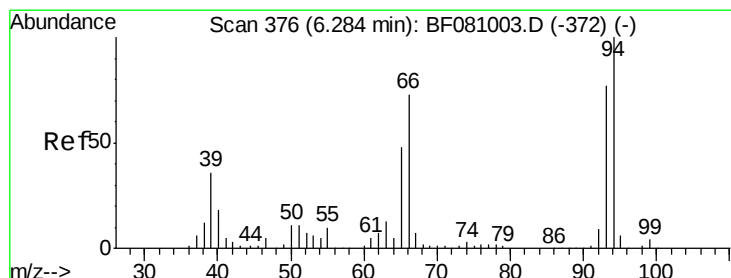
106 88.2 64.0 104.0



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



Time-->



#10

Phenol

Concen: 43.42 ng

RT: 6.25 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

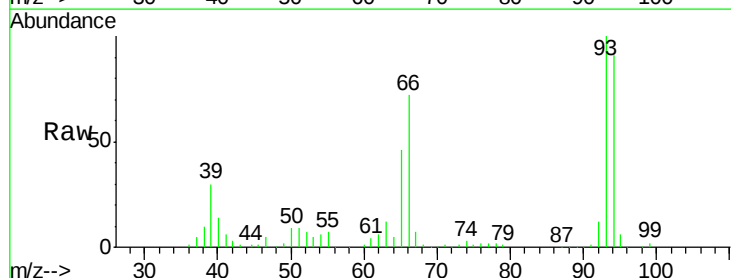
Tgt Ion: 94 Resp: 273498

Ion Ratio Lower Upper

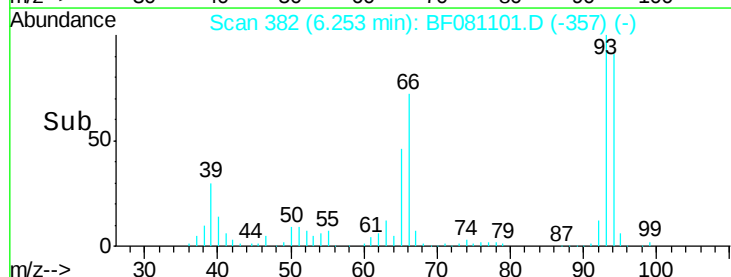
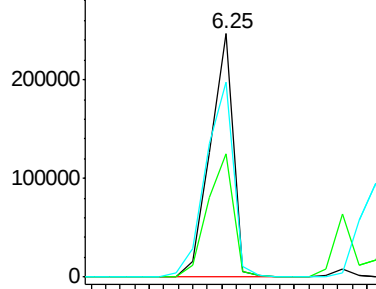
94 100

65 50.4 28.4 68.4

66 80.0 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: 38.91 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampleId :

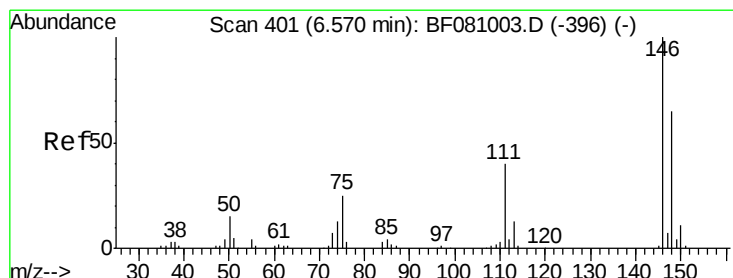
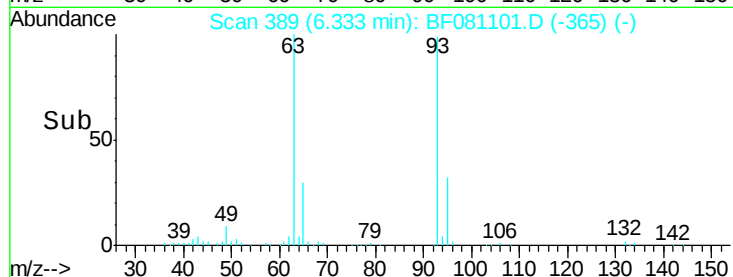
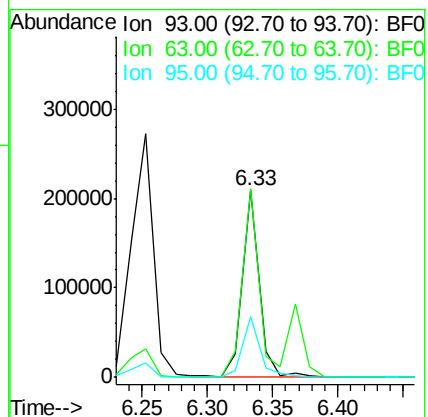
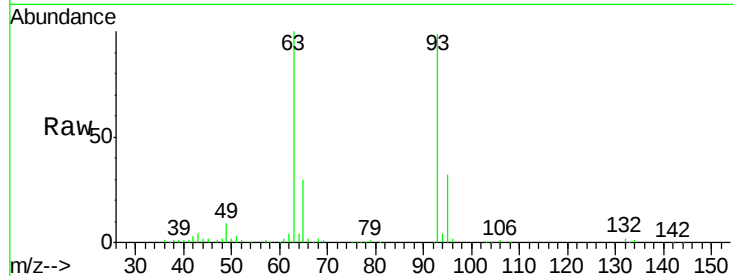
Tot Ion: 93 Resp: 188029

Ion Ratio Lower Upper

93 100

63 101.1 69.6 109.6

95 32.4 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 43.30 ng

RT: 6.53 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

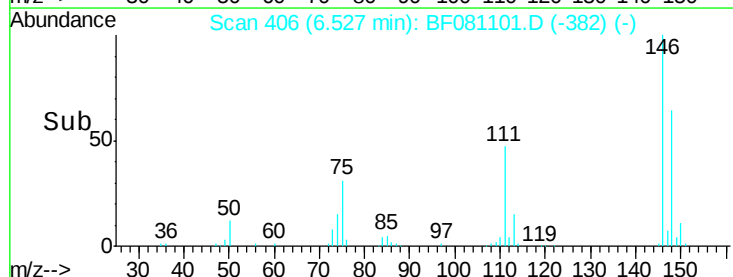
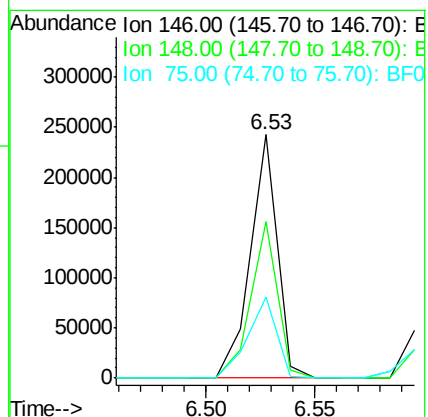
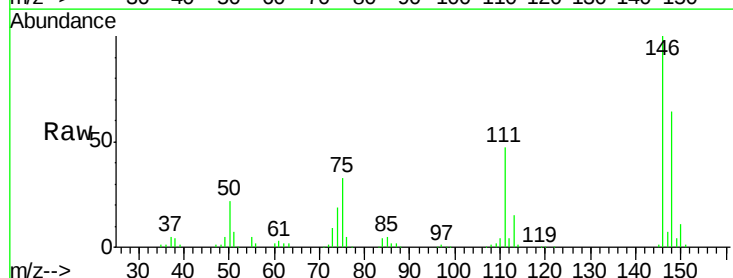
Tgt Ion: 146 Resp: 208155

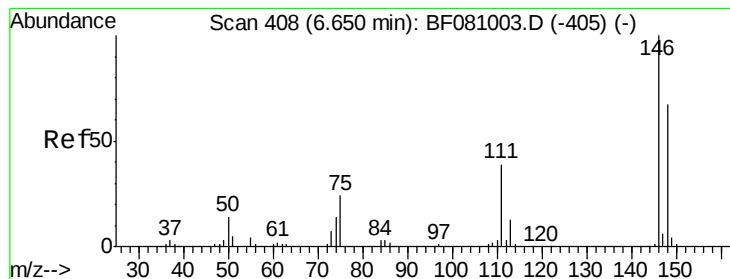
Ion Ratio Lower Upper

146 100

148 64.2 53.3 79.9

75 33.1 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 45.03 ng

RT: 6.61 min Scan# 413

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampleId :

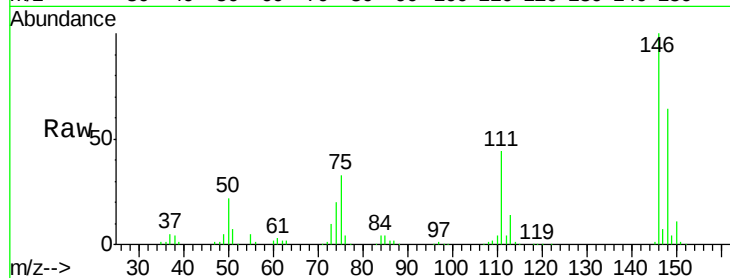
Tot Ion:146 Resp: 214341

Ion Ratio Lower Upper

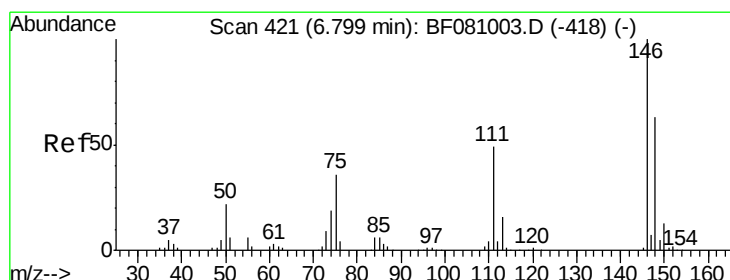
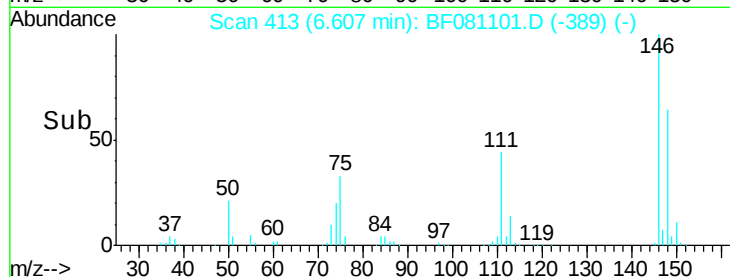
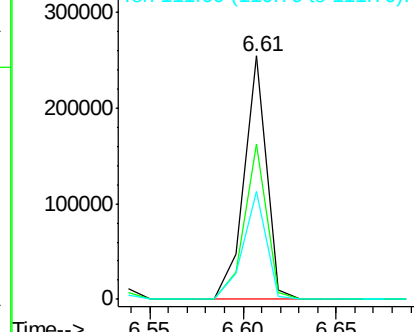
146 100

148 63.7 52.3 78.5

111 44.3 34.4 51.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.29 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.04 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

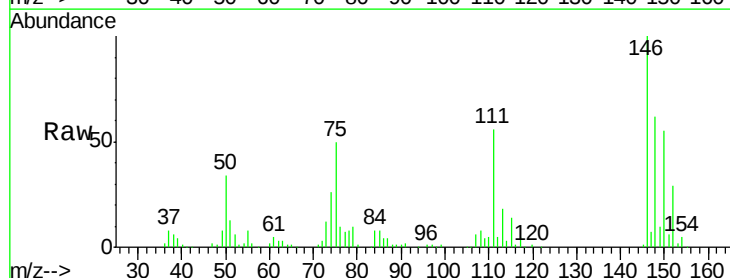
Tgt Ion:146 Resp: 170560

Ion Ratio Lower Upper

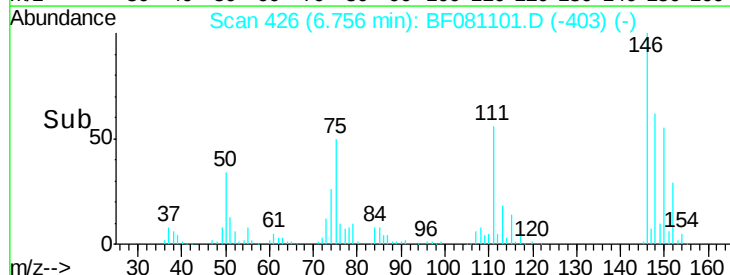
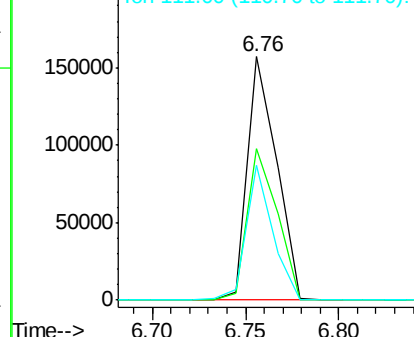
146 100

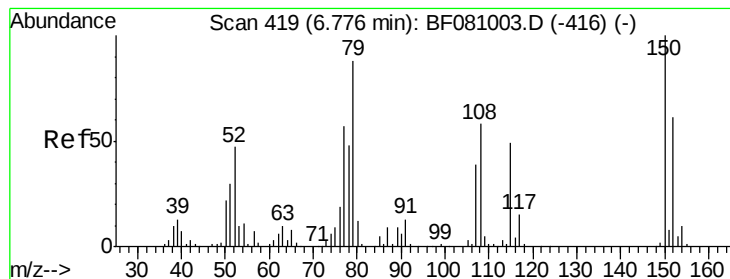
148 62.4 48.7 73.1

111 55.6 42.3 63.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.40 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampled :

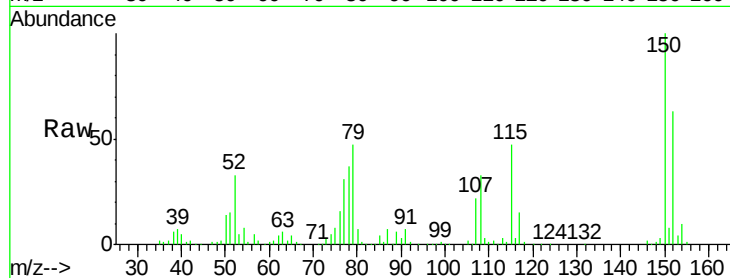
Tot Ion: 79 Resp: 174309

Ion Ratio Lower Upper

79 100

108 69.1 49.4 74.2

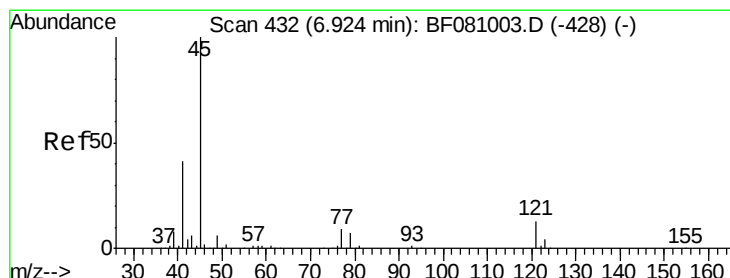
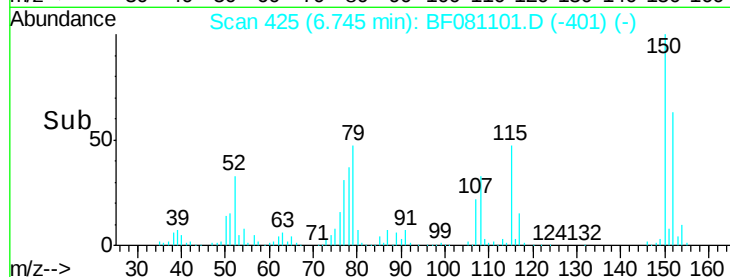
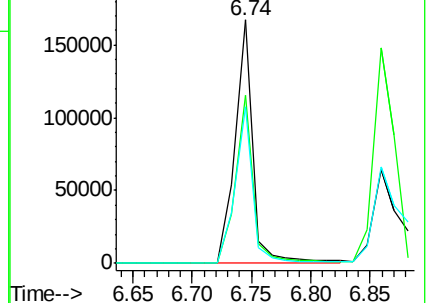
77 64.5 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.74 ng

RT: 6.88 min Scan# 437

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

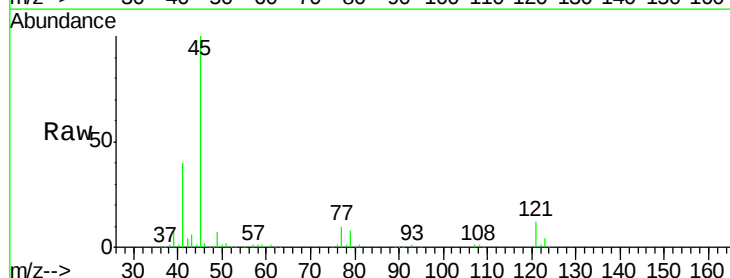
Tgt Ion: 45 Resp: 367914

Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.2

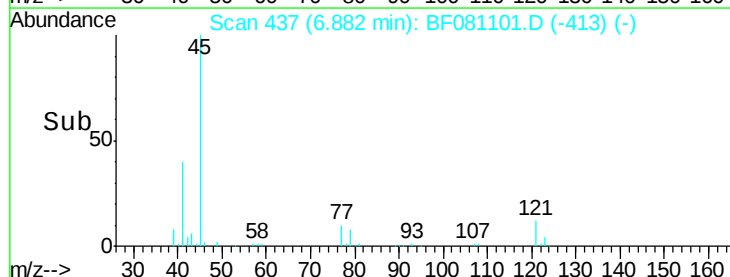
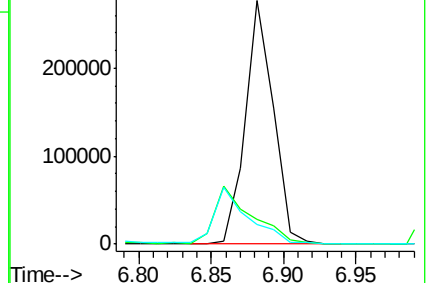
79 8.2 0.0 28.0

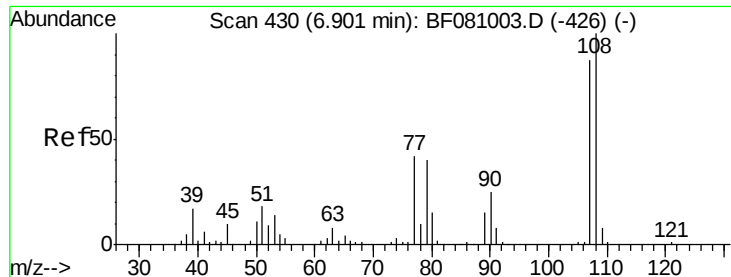


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

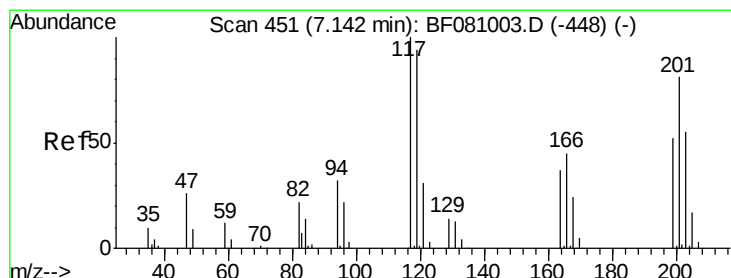
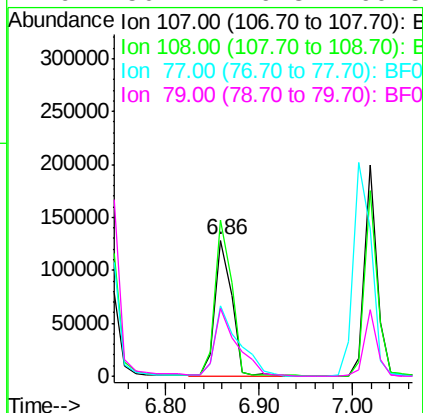
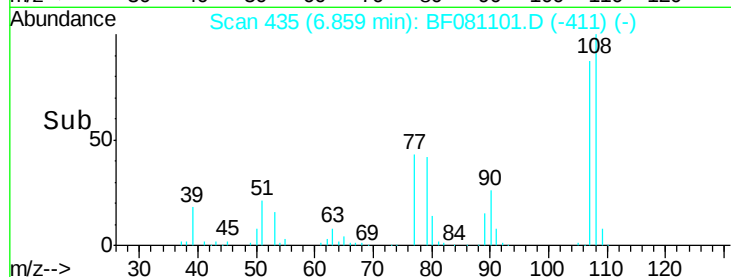
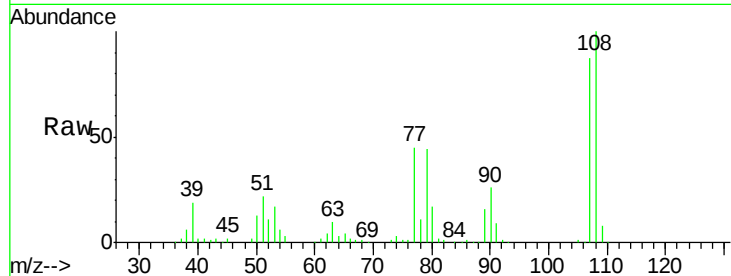




#17
2-Methylphenol
Concen: 41.84 ng
RT: 6.86 min Scan# 435
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

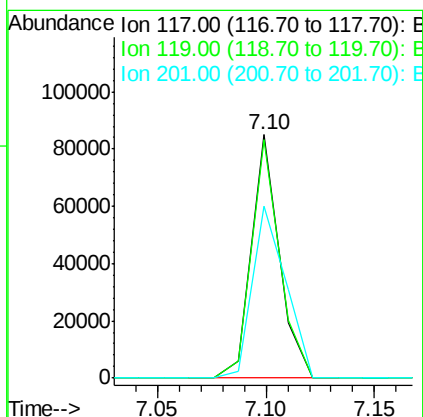
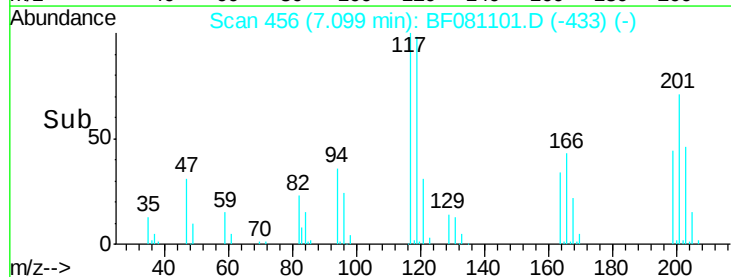
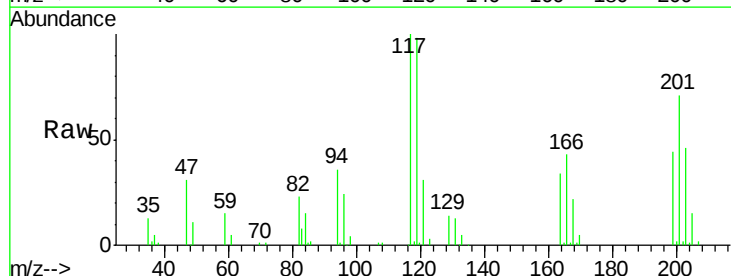
Instrument :
BNA_F
ClientSampleId :

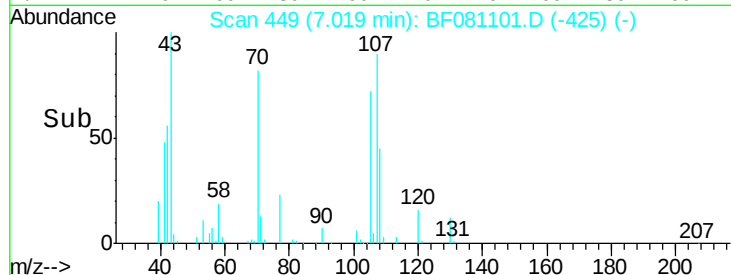
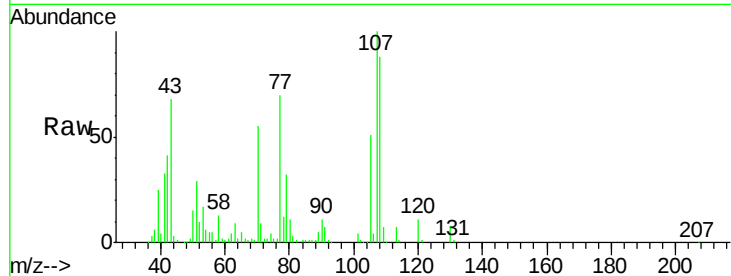
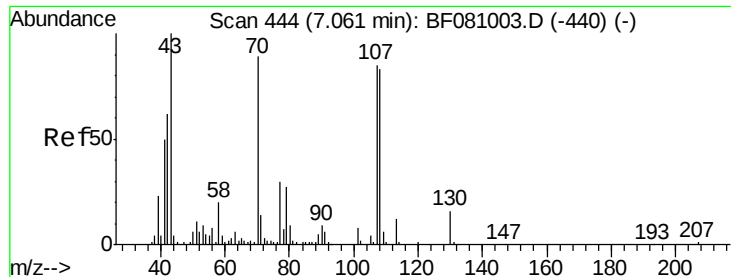
Tot Ion:	107	Resp:	160608
Ion	Ratio	Lower	Upper
107	100		
108	115.3	90.4	135.6
77	51.5	46.5	69.7
79	50.4	46.3	69.5



#18
Hexachloroethane
Concen: 39.50 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:	117	Resp:	75967
Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.9	116.9
201	70.8	61.3	91.9

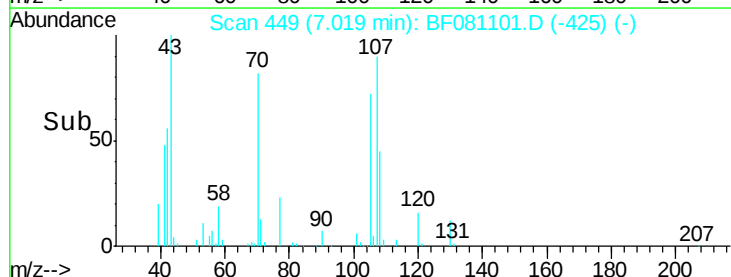
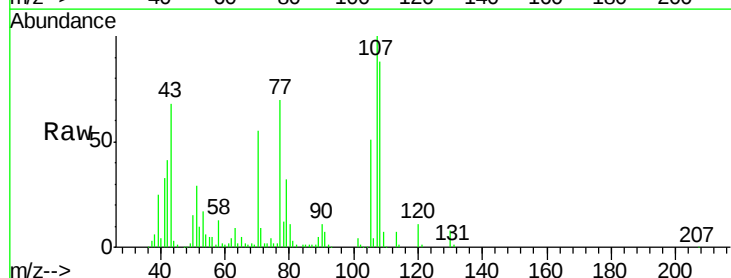
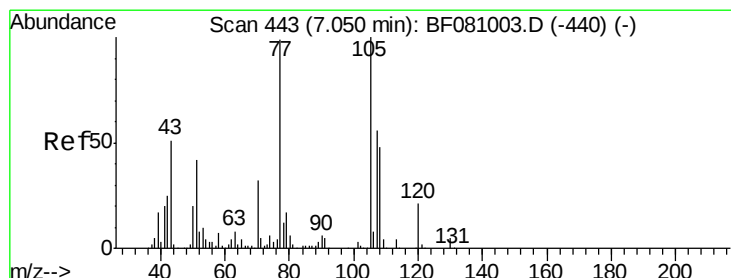
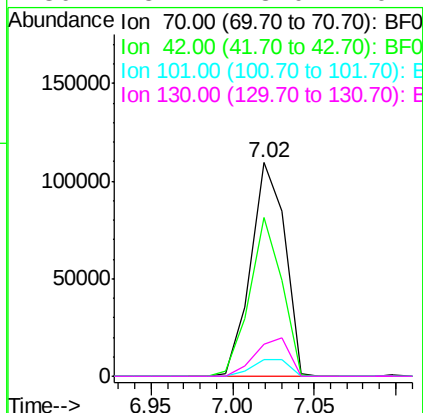




#19
n-Nitroso-di-n-propylamine
Concen: 43.04 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

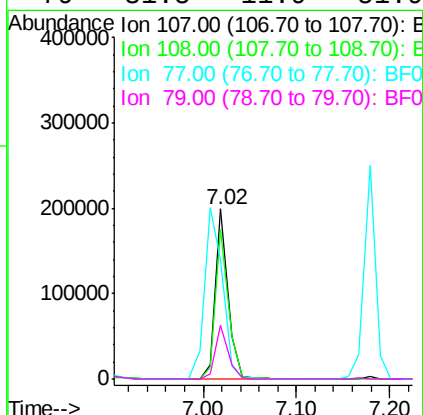
Instrument :
BNA_F
ClientSampleId :

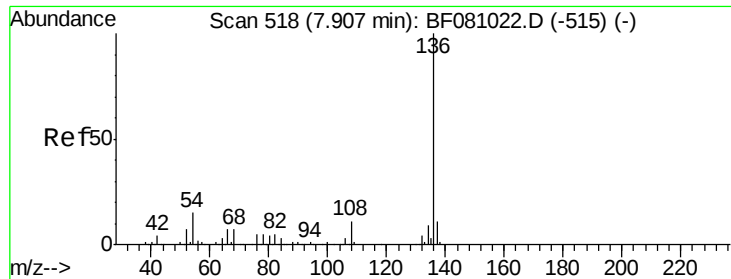
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	74.1	65.0	97.4	
101	8.1	7.4	11.2	
130	15.2	13.0	19.4	



#20
3+4-Methylphenols
Concen: 38.67 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.1	66.1	106.1	
77	69.9	139.3	179.3	
79	31.5	11.9	51.9	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 253865

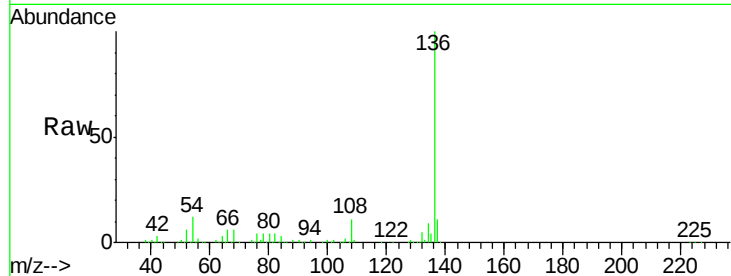
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.2

54 12.1 7.7 11.5#

68 6.2 3.4 5.2#

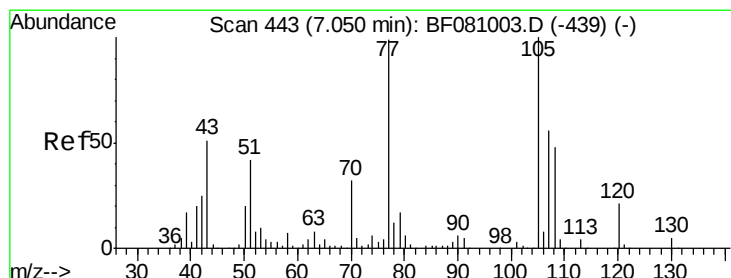
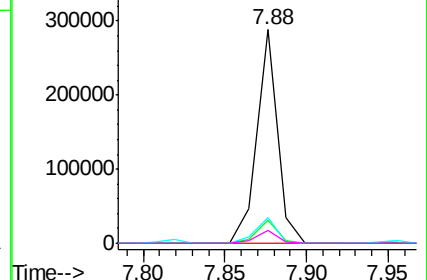
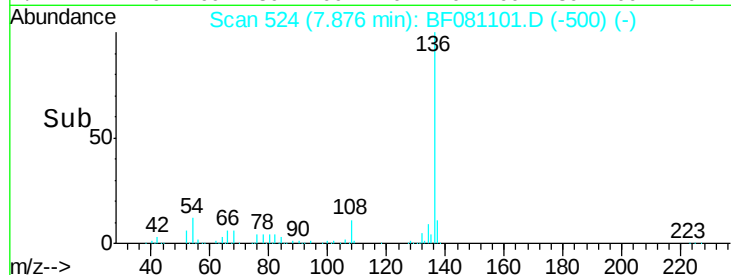


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.27 ng

RT: 7.01 min Scan# 448

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Tgt Ion:105 Resp: 248389

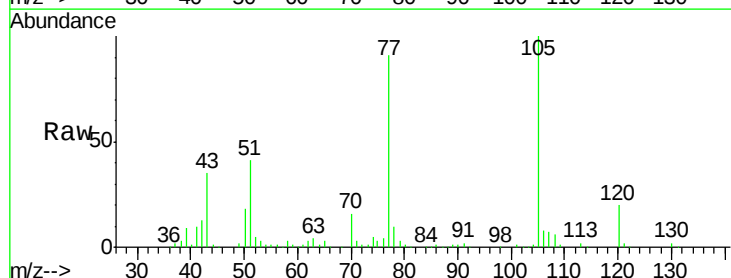
Ion Ratio Lower Upper

105 100

71 2.8 3.0 4.6#

51 41.0 39.8 59.8

120 20.3 15.8 23.8

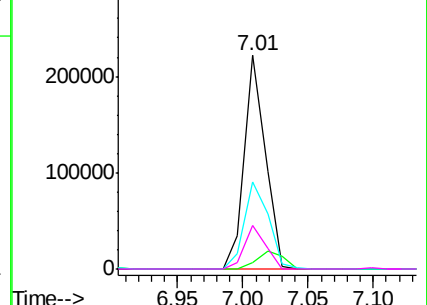
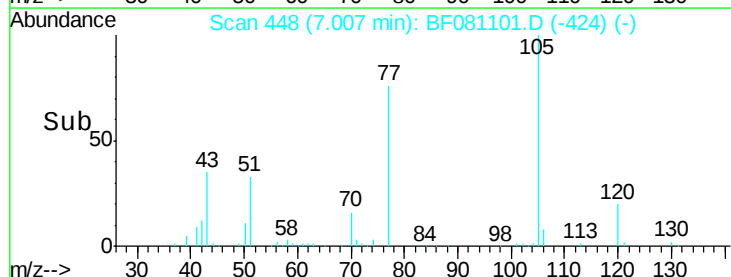


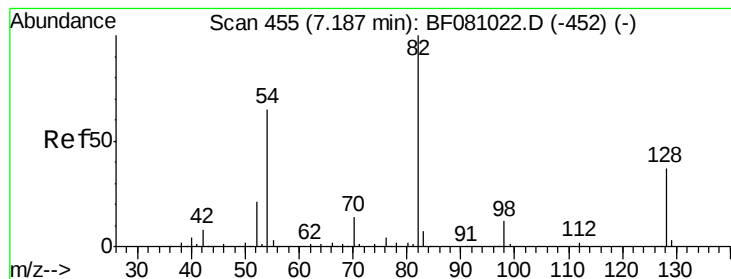
Abundance Ion 105.00 (104.70 to 105.70): E

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: 82.77 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF081101.D

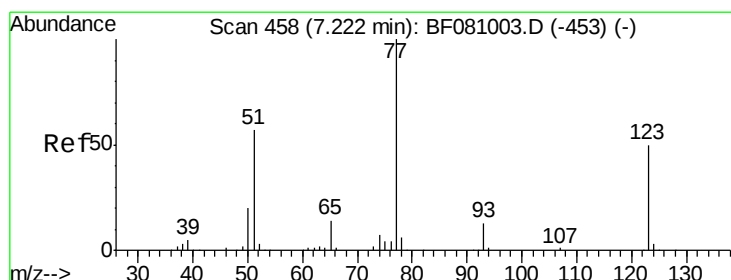
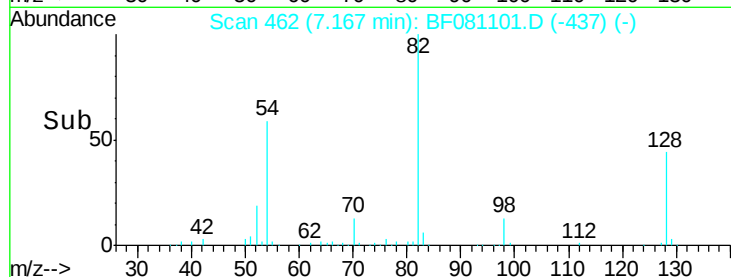
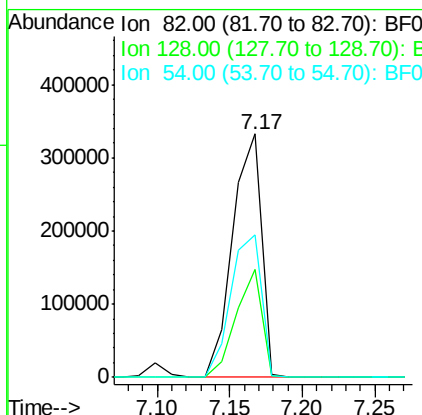
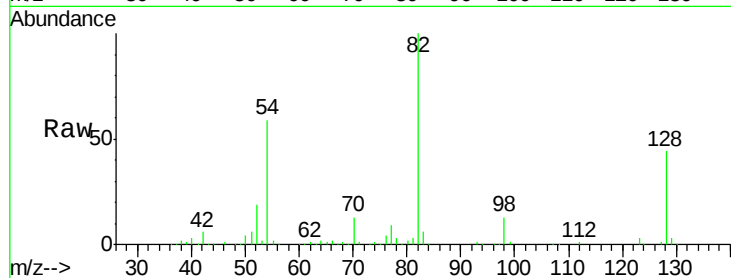
Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	82	Resp:	459992
Ion	Ratio	Lower	Upper
82	100		
128	44.5	28.6	42.8#
54	58.6	55.1	82.7



#24

Nitrobenzene

Concen: 36.68 ng

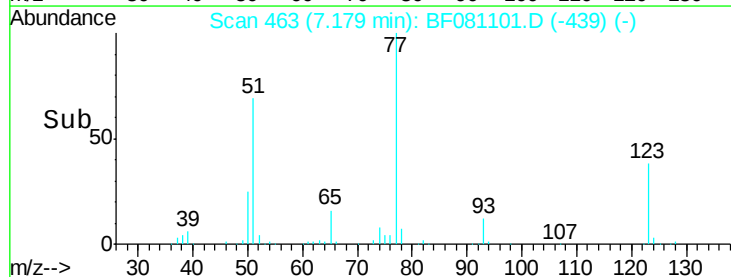
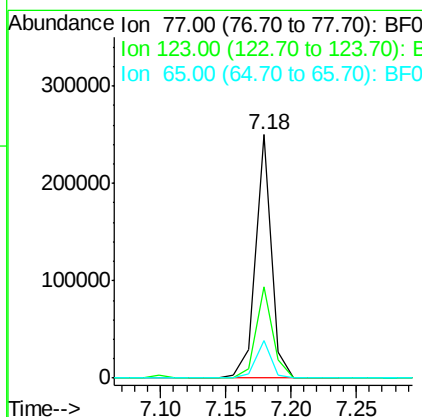
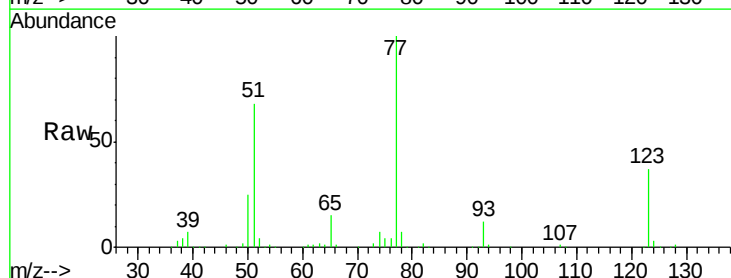
RT: 7.18 min Scan# 463

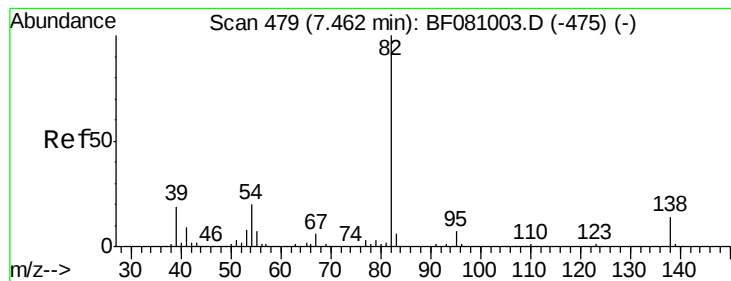
Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Tgt Ion:	77	Resp:	213147
Ion	Ratio	Lower	Upper
77	100		
123	37.3	32.9	49.3
65	15.3	12.5	18.7





#25

Isophorone

Concen: 41.00 ng

RT: 7.43 min Scan# 485

Delta R.T. -0.02 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampleId :

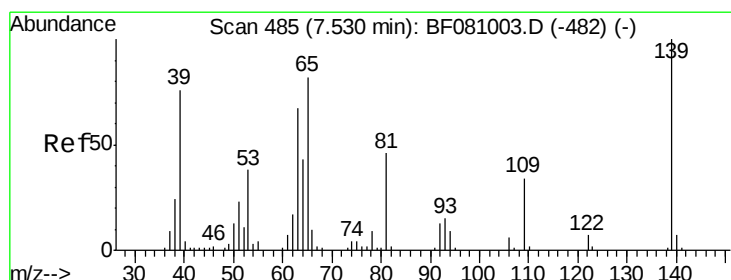
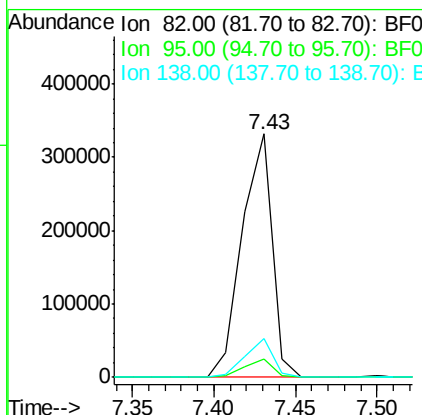
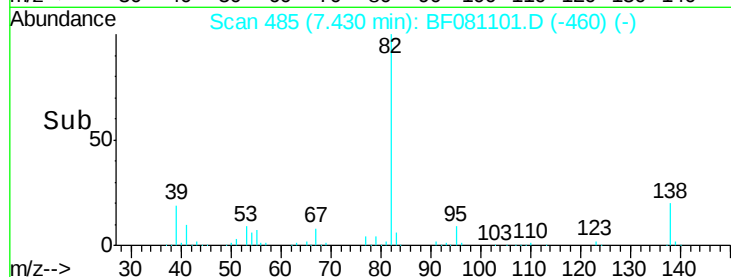
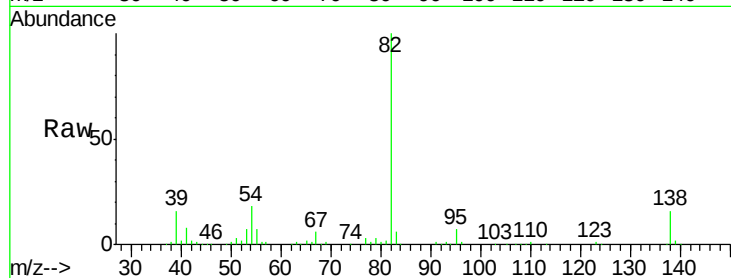
Tot Ion: 82 Resp: 424954

Ion Ratio Lower Upper

82 100

95 7.3 6.2 9.2

138 16.1 10.5 15.7#



#26

2-Nitrophenol

Concen: 44.64 ng

RT: 7.50 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

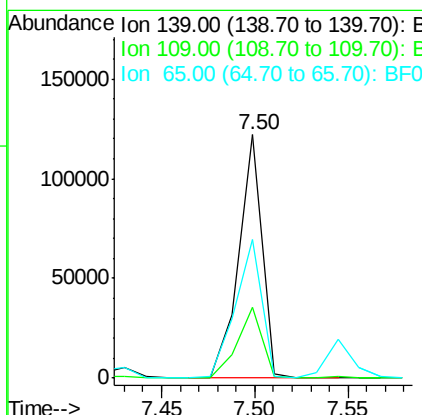
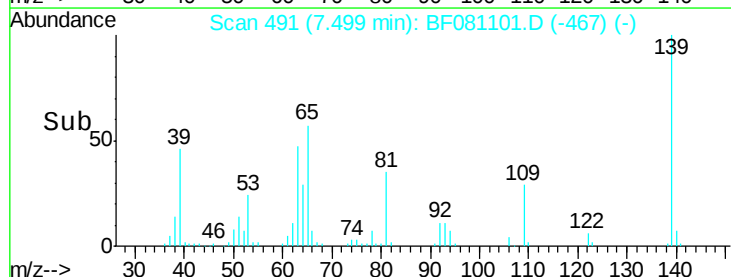
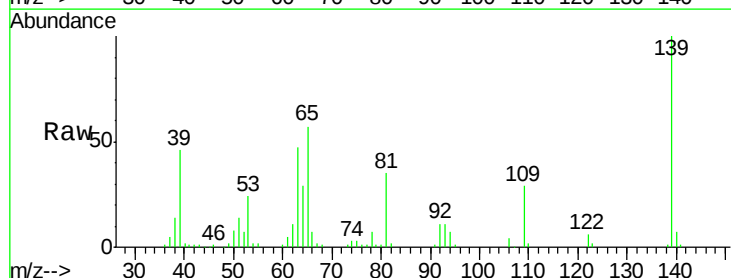
Tgt Ion: 139 Resp: 107877

Ion Ratio Lower Upper

139 100

109 29.0 32.1 48.1#

65 56.8 69.9 104.9#

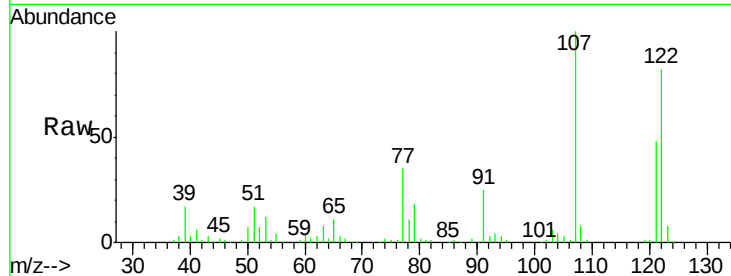




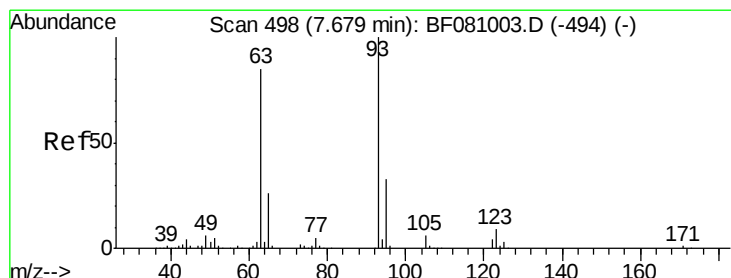
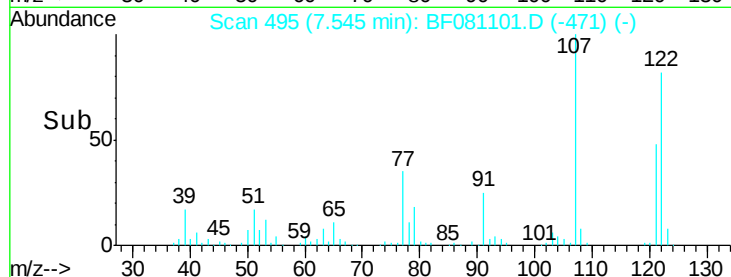
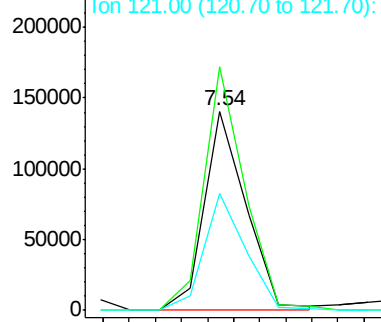
#27
 2,4-Dimethylphenol
 Concen: 37.02 ng
 RT: 7.54 min Scan# 495
 Delta R.T. -0.03 min
 Lab File: BF081101.D
 Acq: 20 Aug 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 158275
 Ion Ratio Lower Upper
 122 100
 107 122.1 103.8 155.6
 121 58.6 47.0 70.4

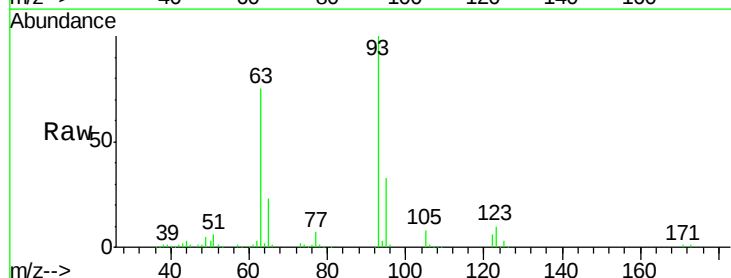


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

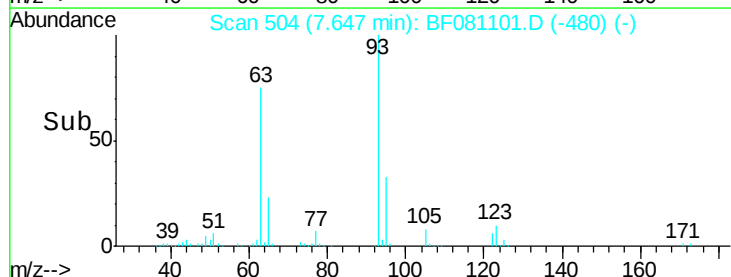
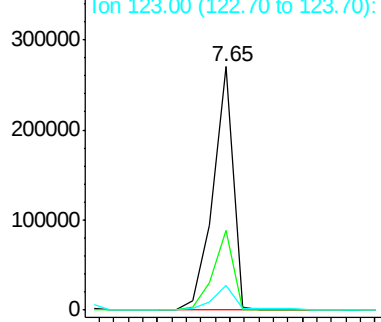


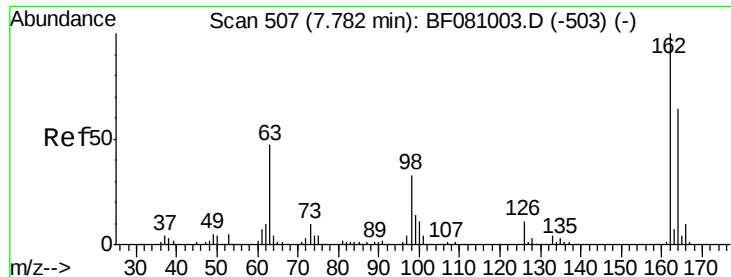
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.46 ng
 RT: 7.65 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF081101.D
 Acq: 20 Aug 2015 1:35

Tgt Ion: 93 Resp: 259945
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.8 38.8
 123 10.3 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

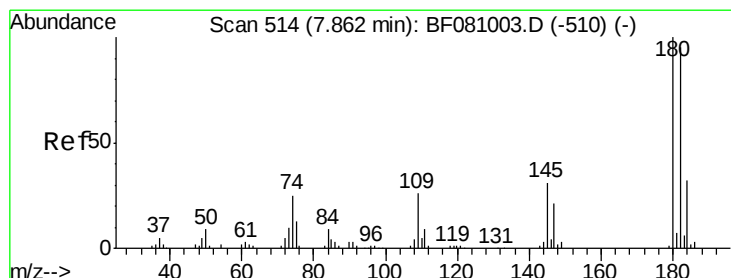
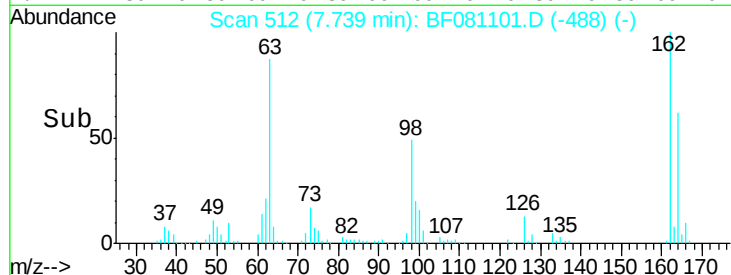
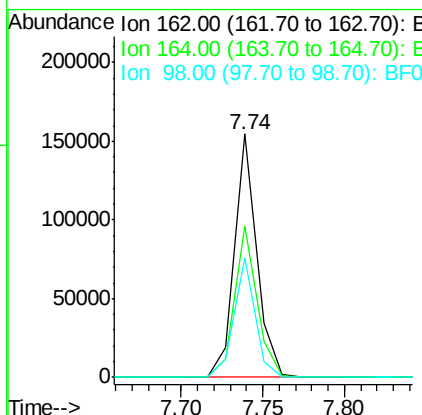
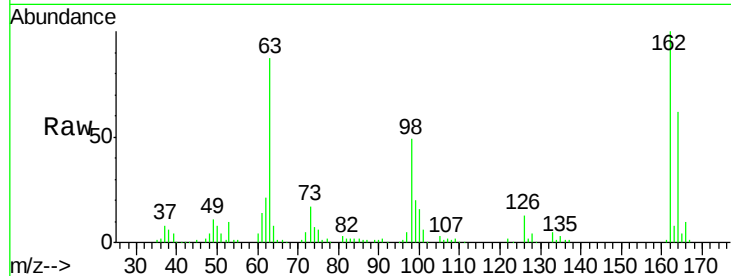




#29
2,4-Dichlorophenol
Concen: 40.01 ng
RT: 7.74 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

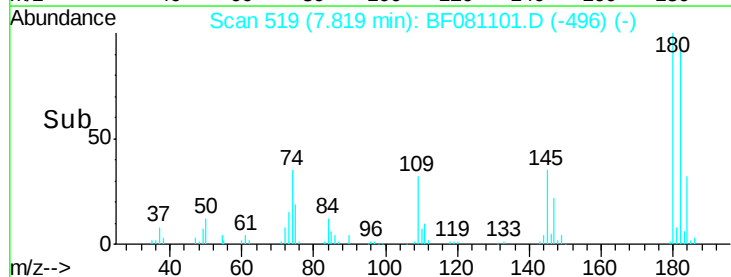
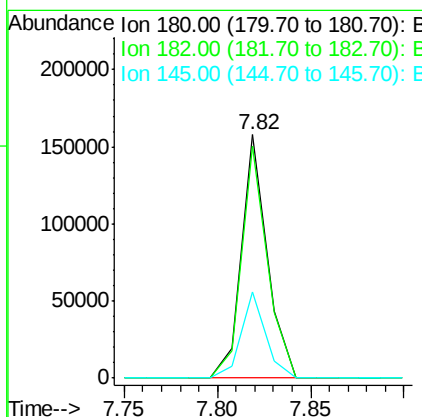
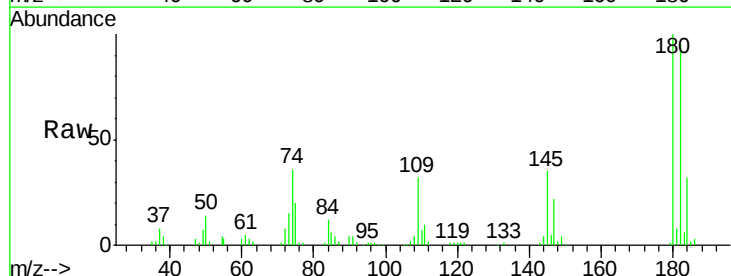
Instrument :
BNA_F
ClientSampleId :

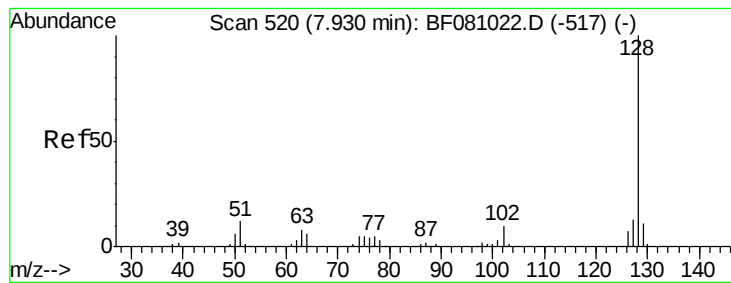
Tot Ion:162 Resp: 143986
Ion Ratio Lower Upper
162 100
164 62.3 43.2 83.2
98 49.3 12.3 52.3



#30
1,2,4-Trichlorobenzene
Concen: 37.94 ng
RT: 7.82 min Scan# 519
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:180 Resp: 151757
Ion Ratio Lower Upper
180 100
182 95.2 76.4 114.6
145 35.4 25.4 38.2





#31

Naphthalene

Concen: 40.49 ng

RT: 7.90 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampleId :

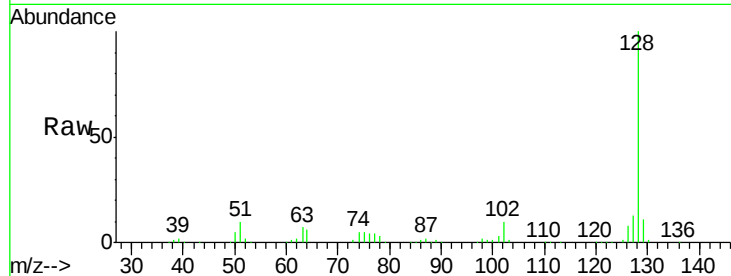
Tot Ion:128 Resp: 572945

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

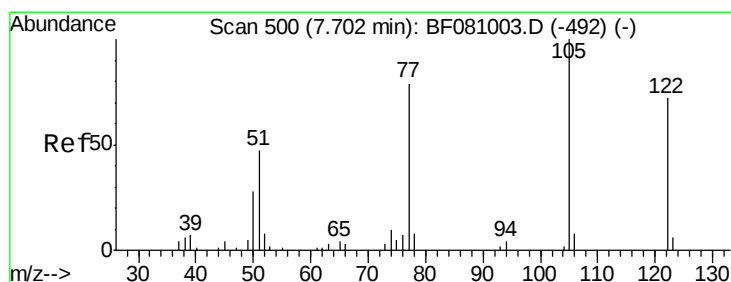
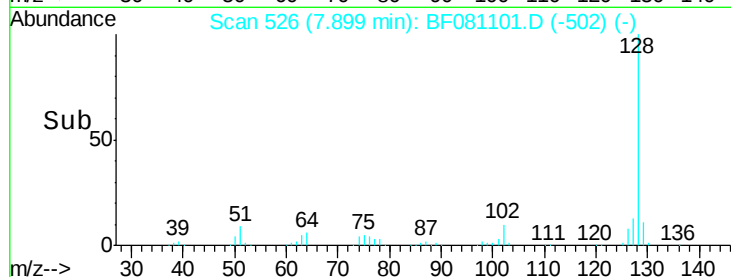
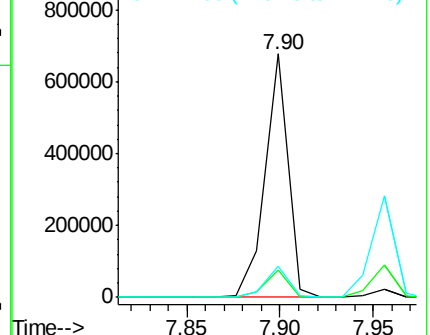
127 13.0 10.6 16.0



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: 46.69 ng

RT: 7.68 min Scan# 507

Delta R.T. 0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

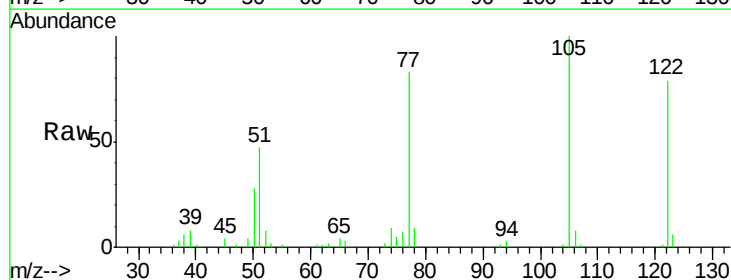
Tgt Ion:122 Resp: 112279

Ion Ratio Lower Upper

122 100

105 126.0 113.8 153.8

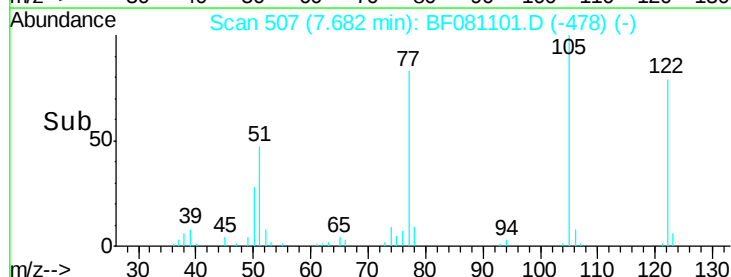
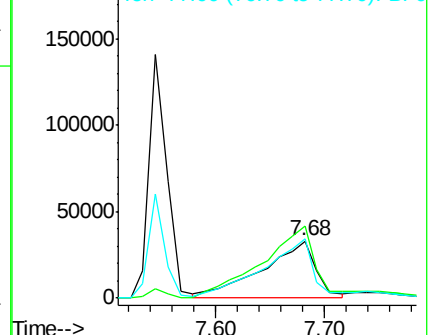
77 104.5 93.8 133.8

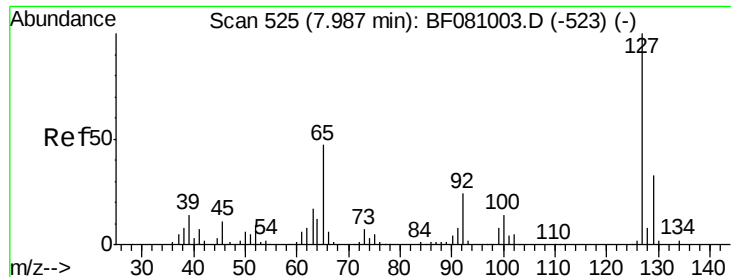


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

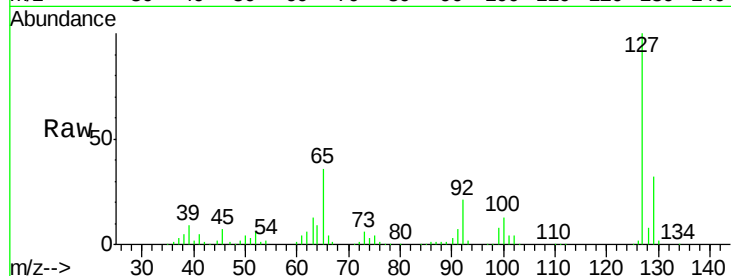




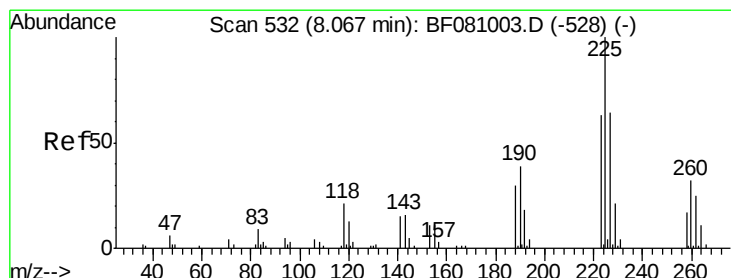
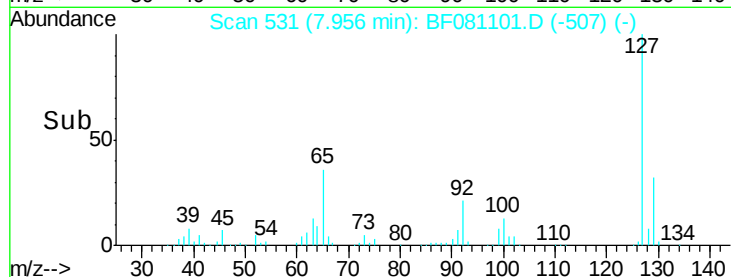
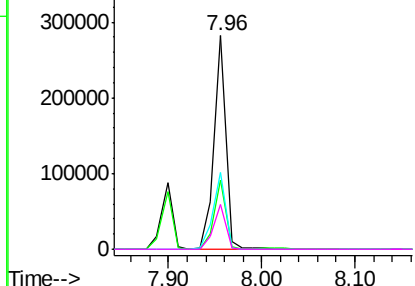
#33
4-Chloroaniline
Concen: 41.79 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	249529
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.2	37.8
65	36.2	37.8	56.6
92	21.2	19.5	29.3

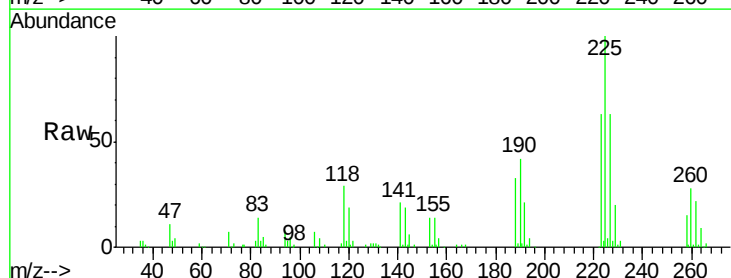


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

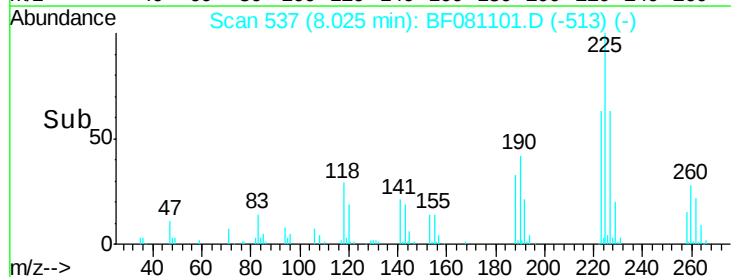
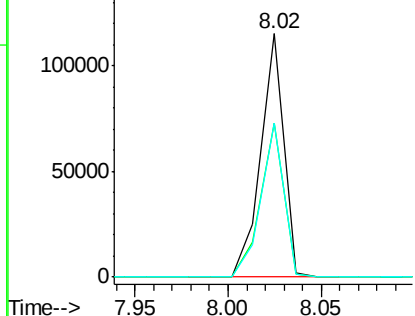


#34
Hexachlorobutadiene
Concen: 43.34 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:	225	Resp:	98040
Ion	Ratio	Lower	Upper
225	100		
223	63.0	52.6	79.0
227	63.4	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: 45.00 ng

RT: 8.34 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampleId :

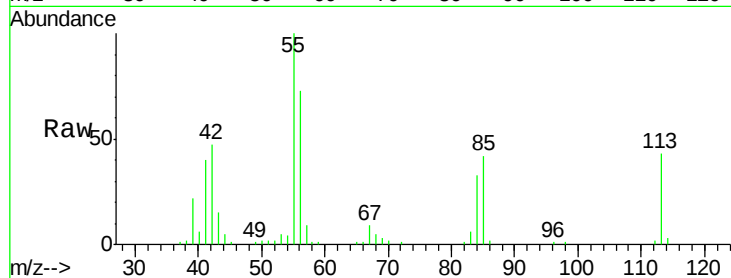
Tot Ion:113 Resp: 56605

Ion Ratio Lower Upper

113 100

55 232.6 280.4 320.4#

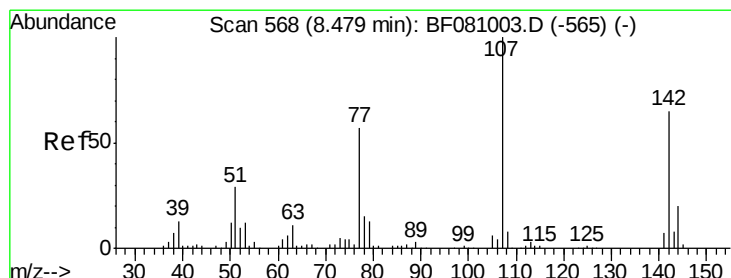
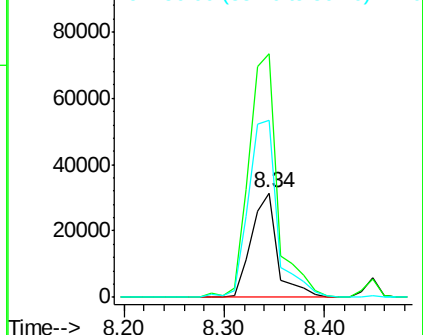
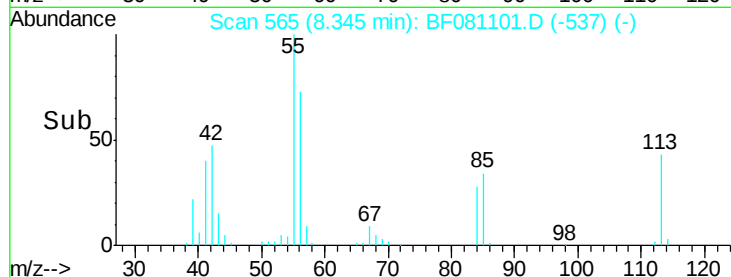
56 168.9 205.9 245.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.15 ng

RT: 8.45 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

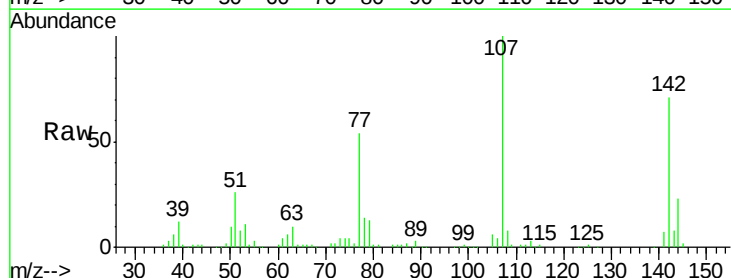
Tgt Ion:107 Resp: 189387

Ion Ratio Lower Upper

107 100

144 23.2 17.2 25.8

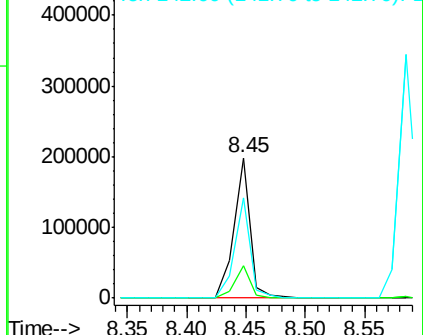
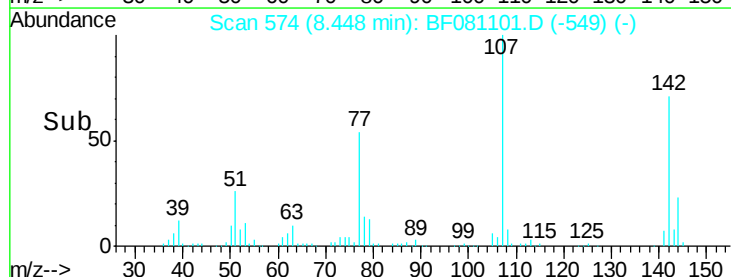
142 71.2 54.9 82.3

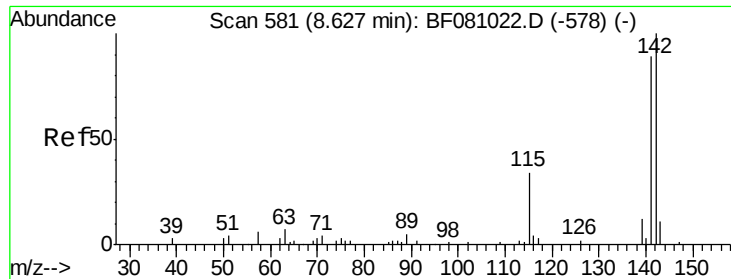


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

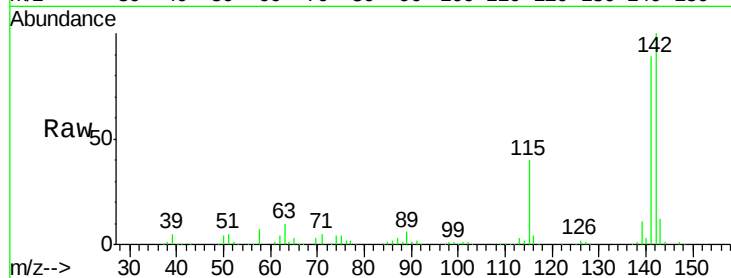




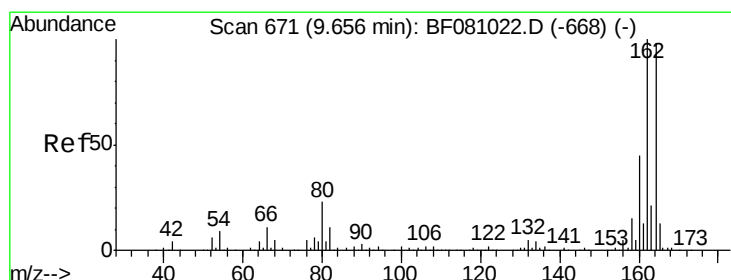
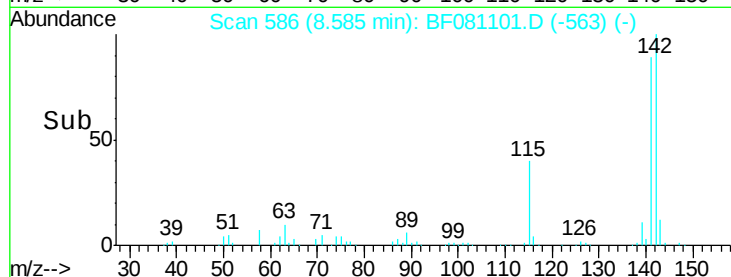
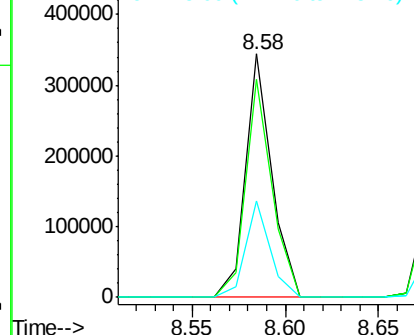
#37
 2-Methylnaphthalene
 Concen: 37.86 ng
 RT: 8.58 min Scan# 586
 Delta R.T. -0.04 min
 Lab File: BF081101.D
 Acq: 20 Aug 2015 1:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 338433
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.4 107.2
 115 39.5 33.4 50.0

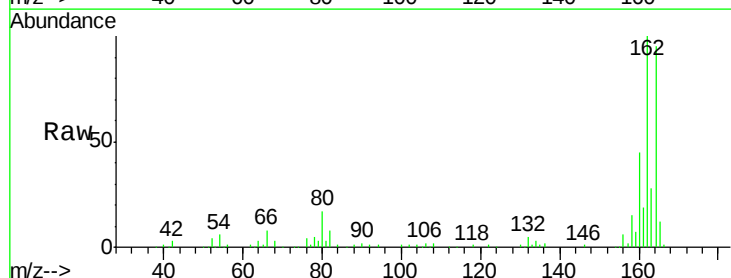


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

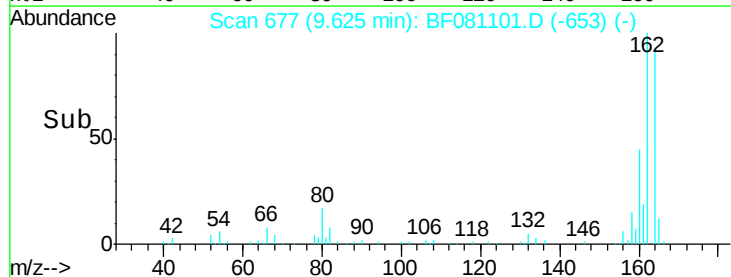
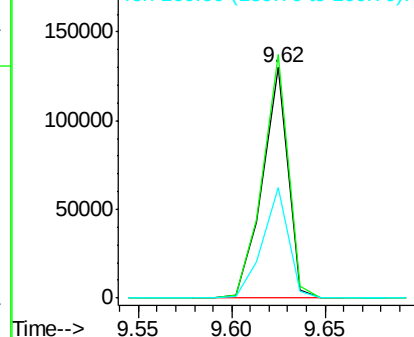


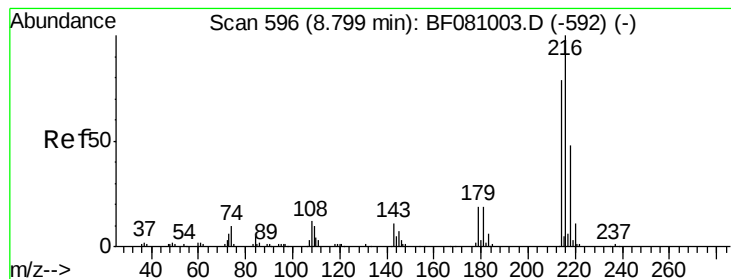
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 677
 Delta R.T. -0.03 min
 Lab File: BF081101.D
 Acq: 20 Aug 2015 1:35

Tgt Ion:164 Resp: 122855
 Ion Ratio Lower Upper
 164 100
 162 105.6 83.8 125.8
 160 47.7 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: 40.12 ng

RT: 8.76 min Scan# 601

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 159021

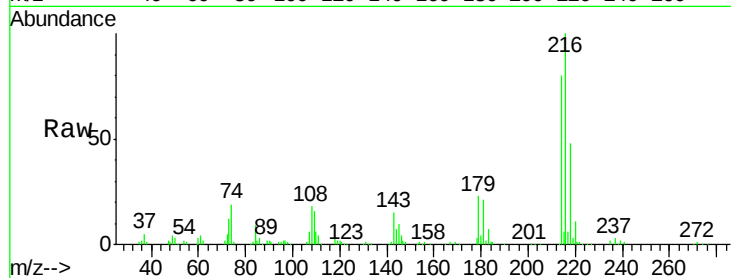
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.8

179 23.4 17.8 26.8

108 21.4 16.2 24.2

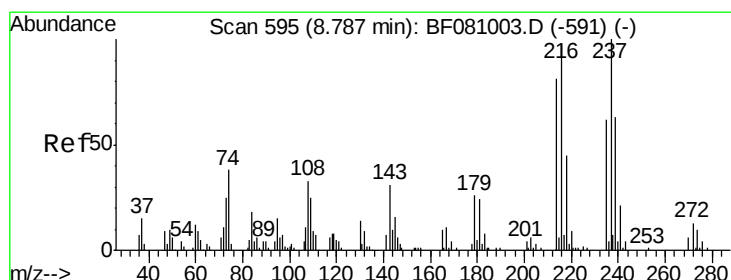
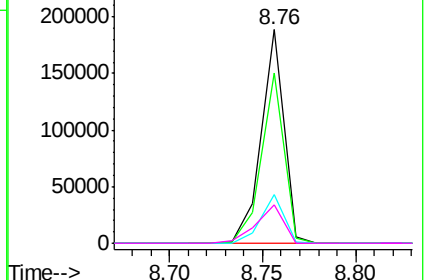
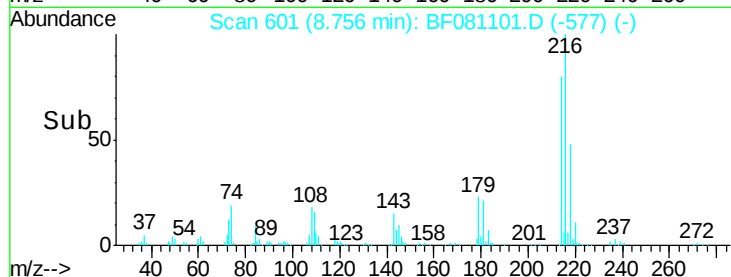


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.25 ng

RT: 8.74 min Scan# 600

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

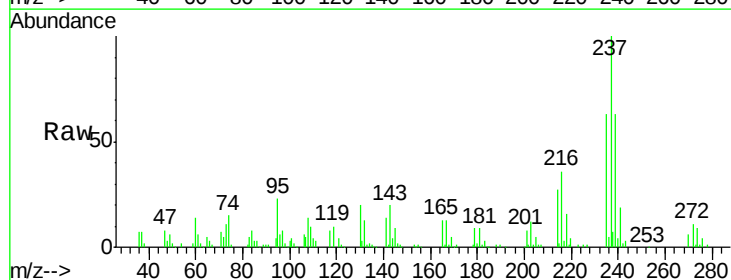
Tgt Ion:237 Resp: 82570

Ion Ratio Lower Upper

237 100

235 63.3 43.6 83.6

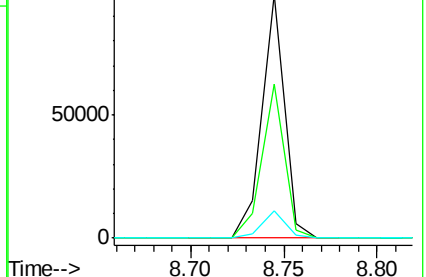
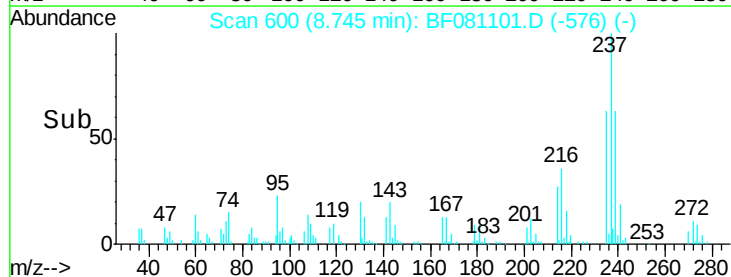
272 11.0 0.0 32.2

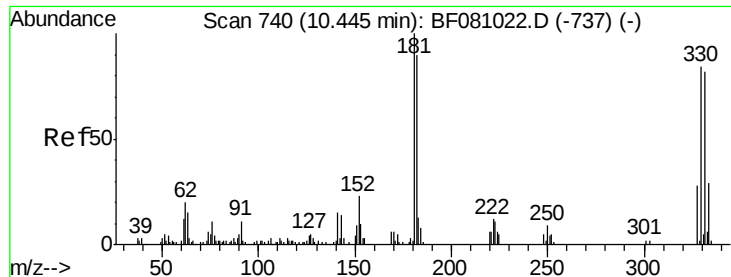


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 73.94 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampled :

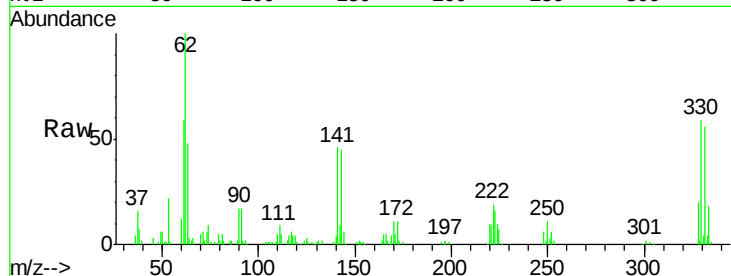
Tot Ion:330 Resp: 78741

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

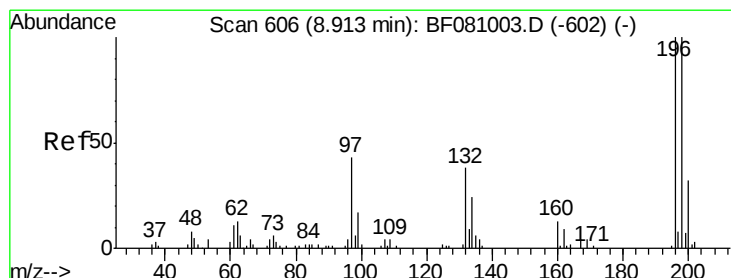
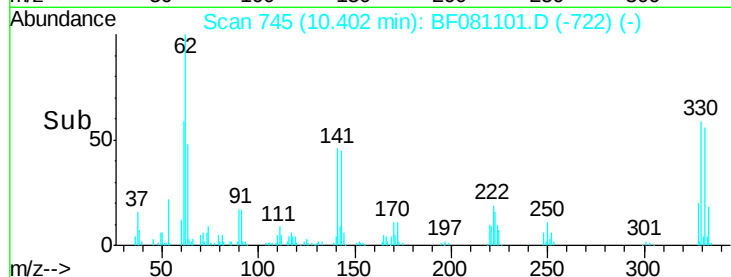
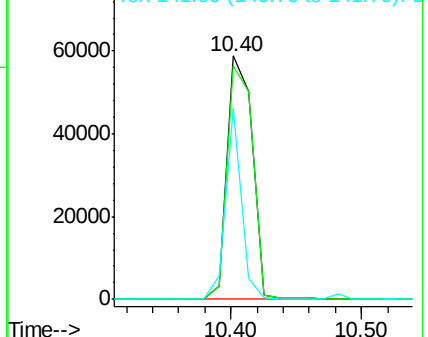
141 49.6 44.9 67.3



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: 40.79 ng

RT: 8.87 min Scan# 611

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

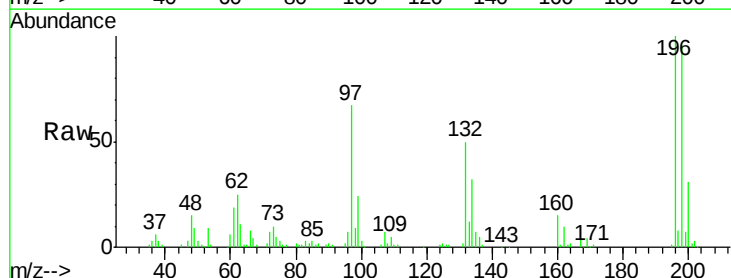
Tgt Ion:196 Resp: 114237

Ion Ratio Lower Upper

196 100

198 95.5 74.6 111.8

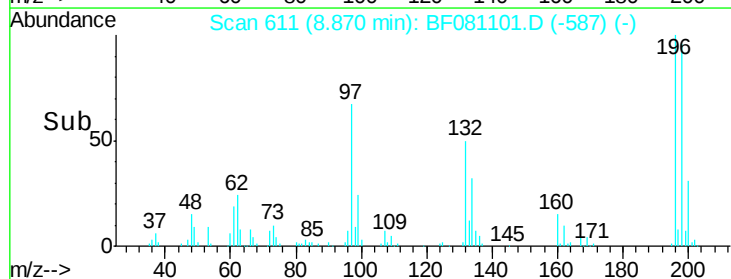
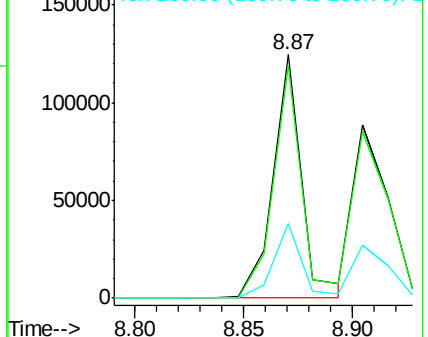
200 30.5 22.7 34.1



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

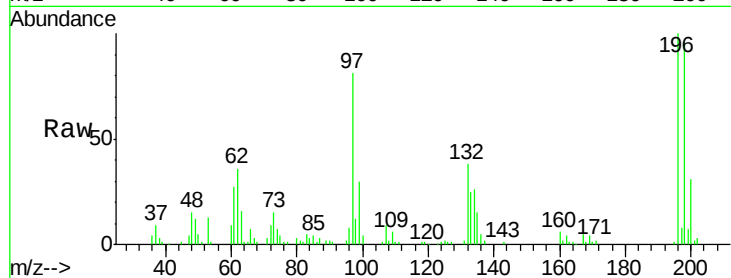




#43
 2,4,5-Trichlorophenol
 Concen: 37.04 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF081101.D
 Acq: 20 Aug 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		103672		
198	96.1	78.3	117.5		
97	80.9	42.7	64.1#		
132	37.7	23.3	34.9#		



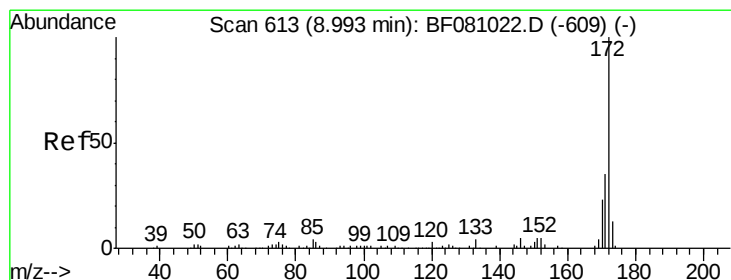
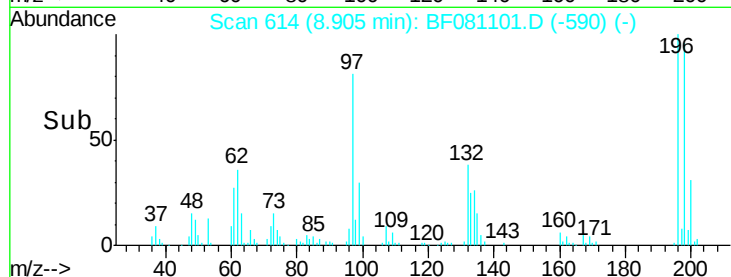
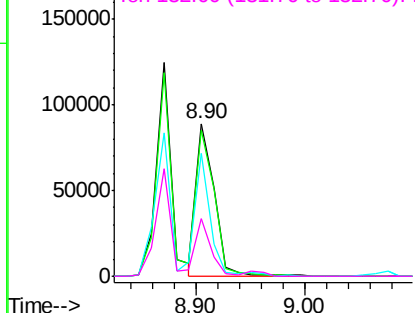
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

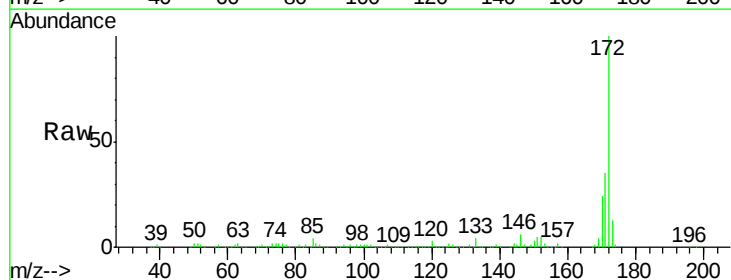
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.53 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF081101.D
 Acq: 20 Aug 2015 1:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		726958		
171	35.0	28.9	43.3		
170	24.0	19.4	29.2		

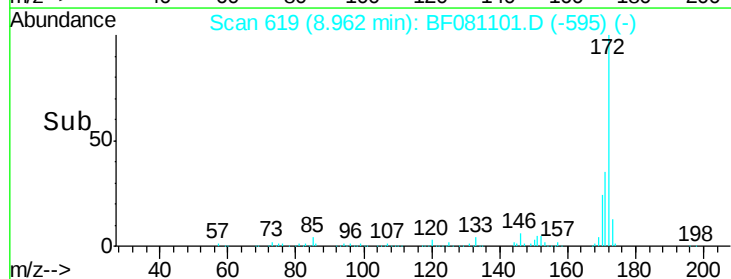
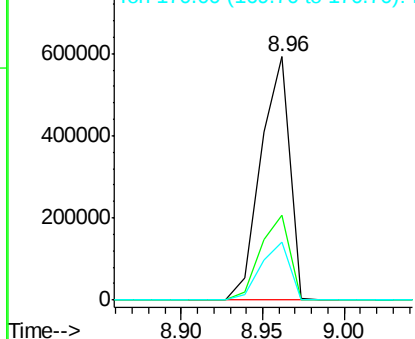


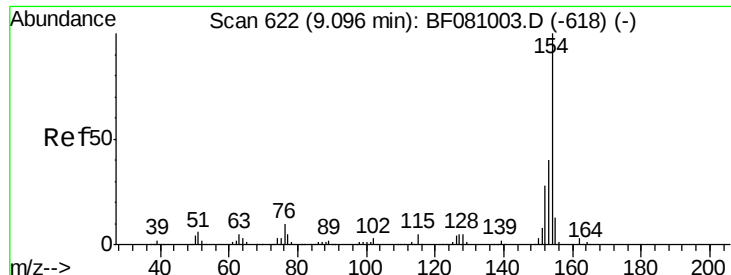
Abundance

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: 37.42 ng

RT: 9.05 min Scan# 627

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampleId :

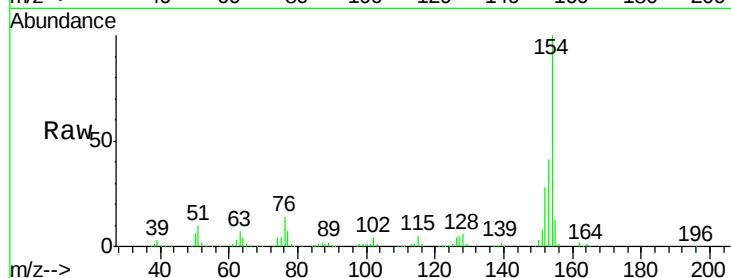
Tot Ion:154 Resp: 404907

Ion Ratio Lower Upper

154 100

153 41.3 19.5 59.5

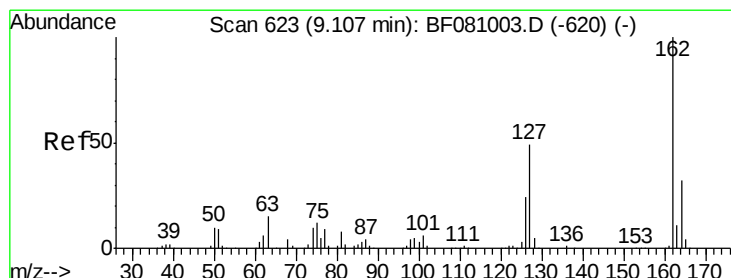
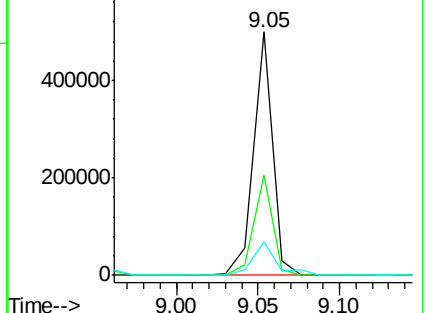
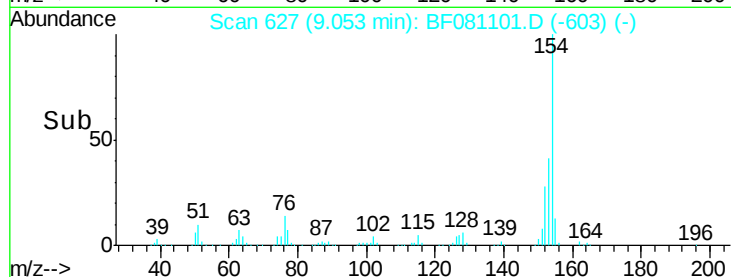
76 14.0 0.0 29.3



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: 39.63 ng

RT: 9.08 min Scan# 629

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

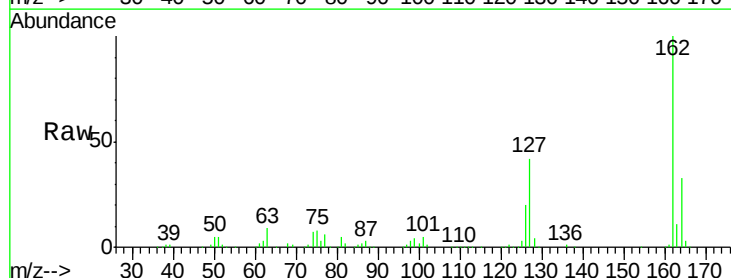
Tgt Ion:162 Resp: 344500

Ion Ratio Lower Upper

162 100

127 42.0 31.3 46.9

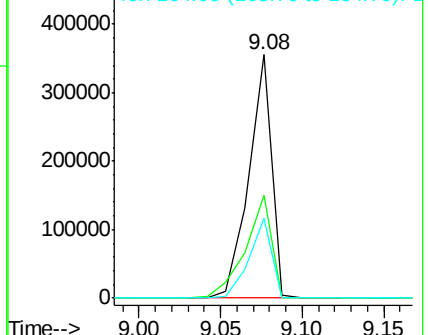
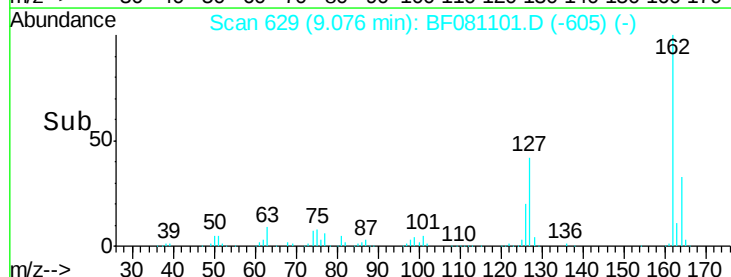
164 32.8 26.3 39.5



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

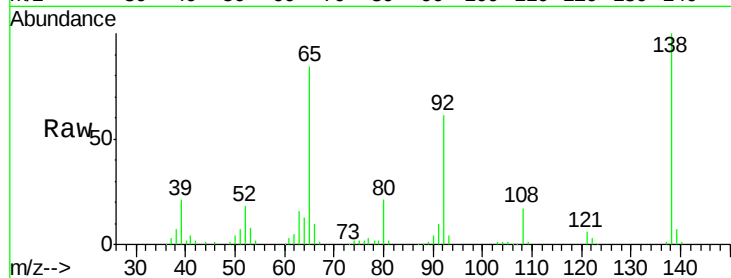




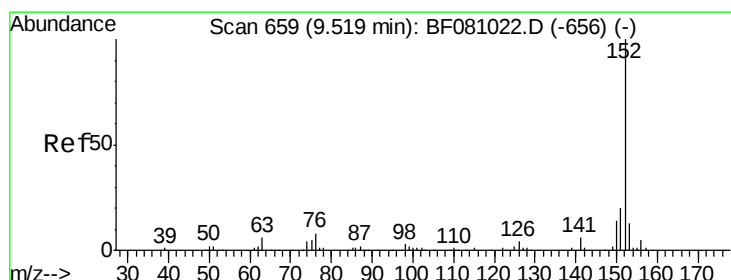
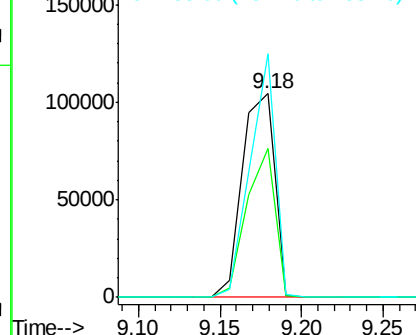
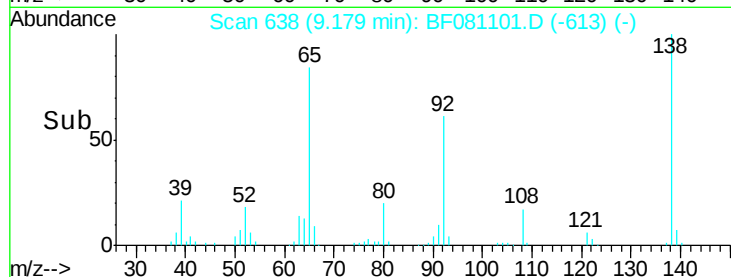
#47
2-Nitroaniline
Concen: 40.37 ng
RT: 9.18 min Scan# 638
Delta R.T. -0.02 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 143612
Ion Ratio Lower Upper
65 100
92 73.1 45.6 68.4#
138 119.8 57.9 86.9#

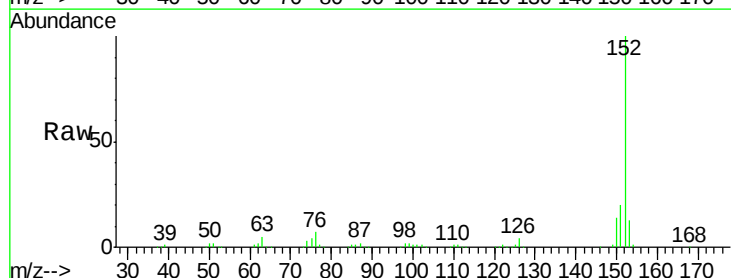


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

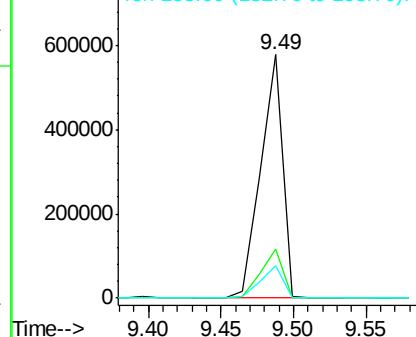
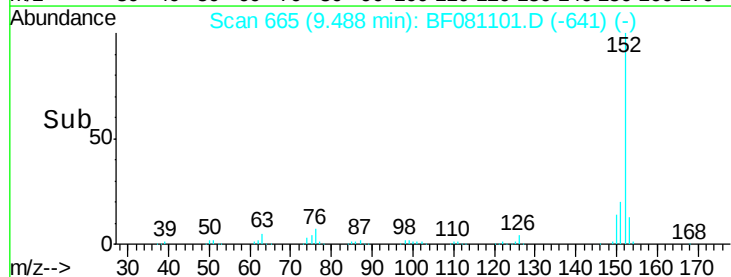


#48
Acenaphthylene
Concen: 38.84 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion: 152 Resp: 603948
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.1 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

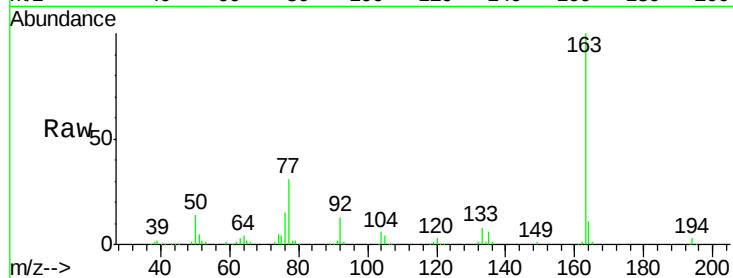




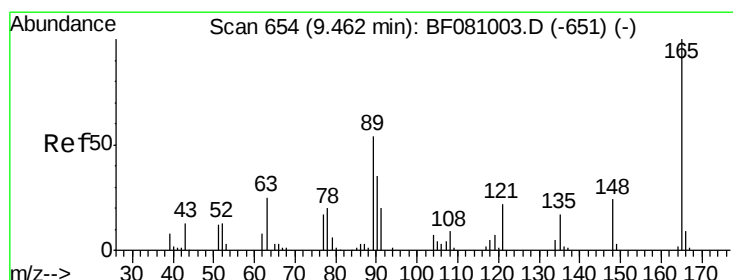
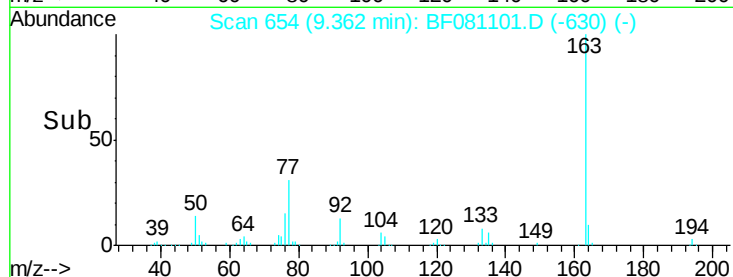
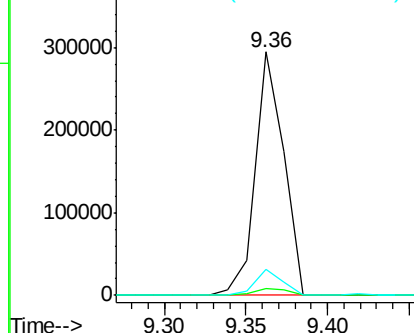
#49
Dimethylphthalate
Concen: 35.20 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 356179
Ion Ratio Lower Upper
163 100
194 2.9 2.5 3.7
164 10.9 8.1 12.1

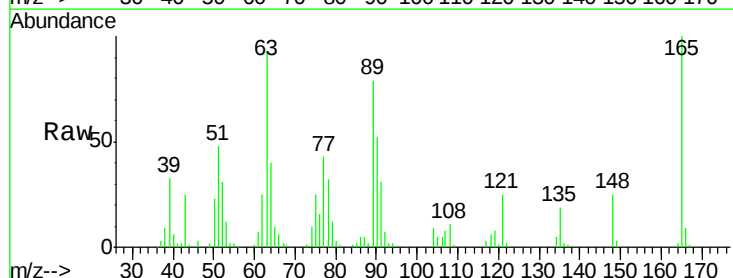


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

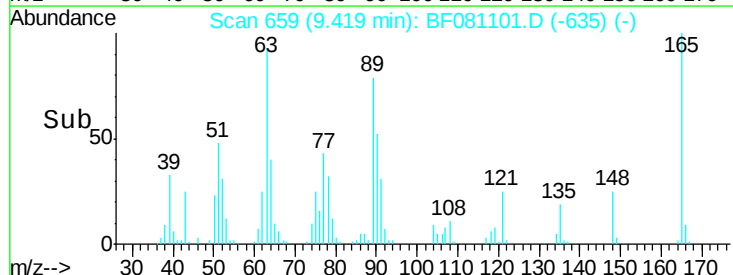
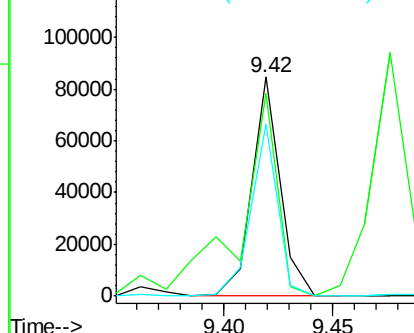


#50
2,6-Dinitrotoluene
Concen: 34.87 ng
RT: 9.42 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:165 Resp: 75759
Ion Ratio Lower Upper
165 100
63 93.0 49.5 74.3#
89 78.8 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: 38.34 ng

RT: 9.66 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampled :

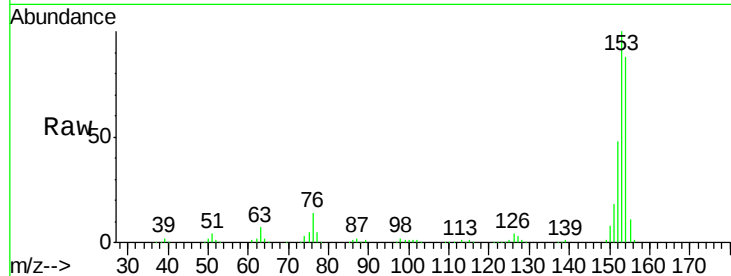
Tot Ion:154 Resp: 356971

Ion Ratio Lower Upper

154 100

153 113.7 91.4 137.2

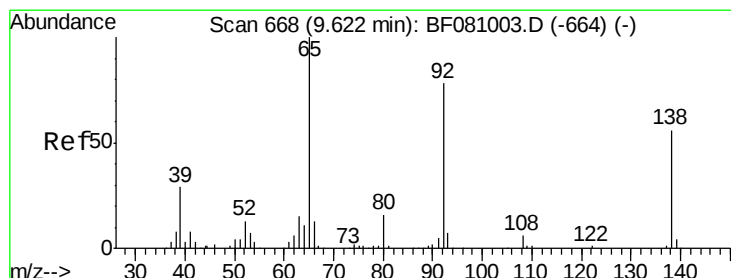
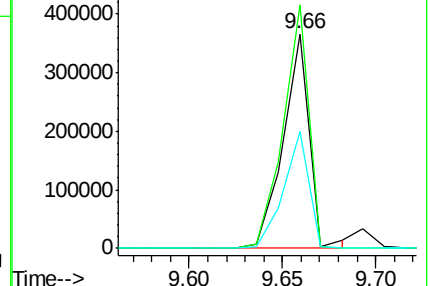
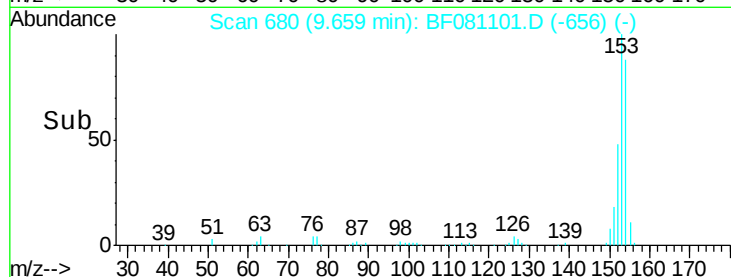
152 54.7 43.7 65.5



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: 43.68 ng

RT: 9.59 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

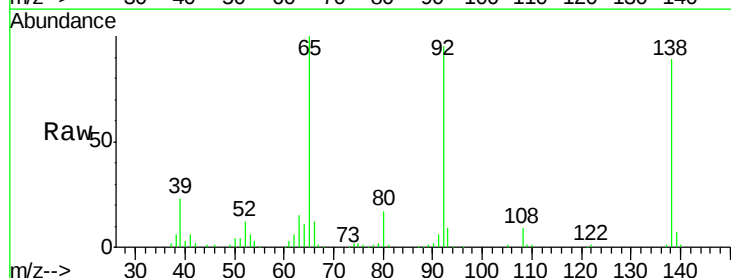
Tgt Ion:138 Resp: 118732

Ion Ratio Lower Upper

138 100

108 9.6 9.4 14.2

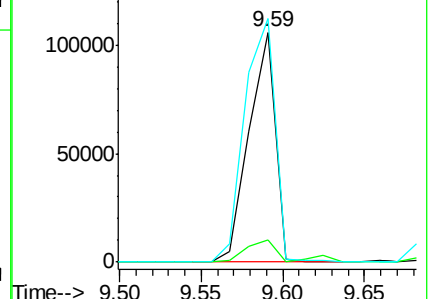
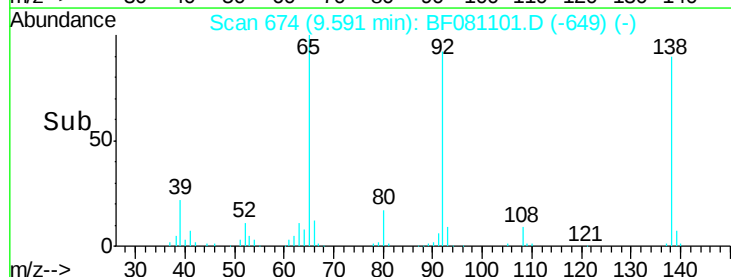
92 105.9 113.2 169.8#



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

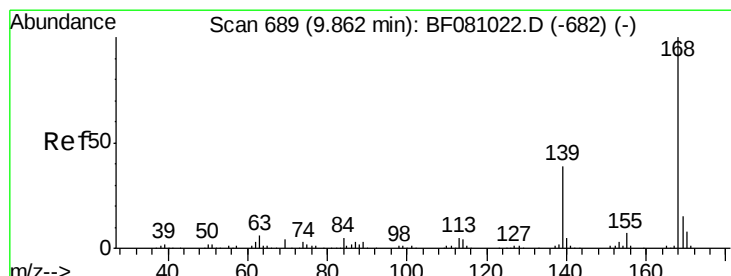
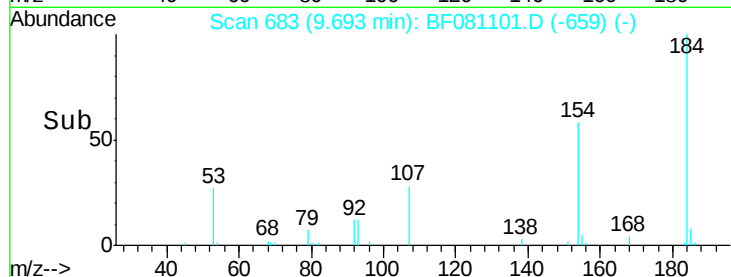
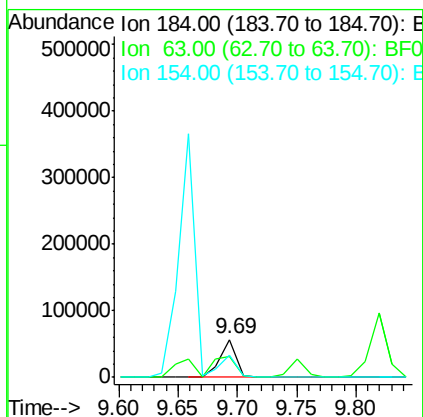
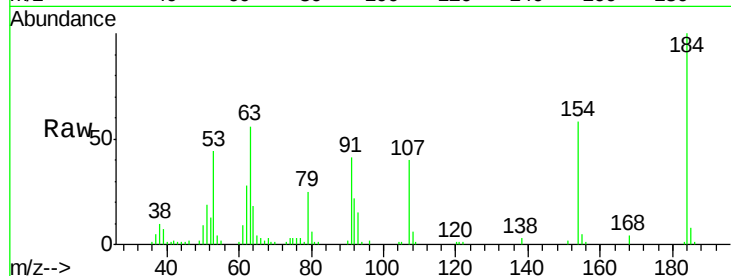




#53
 2,4-Dinitrophenol
 Concen: 49.78 ng
 RT: 9.69 min Scan# 683
 Delta R.T. -0.03 min
 Lab File: BF081101.D
 Acq: 20 Aug 2015 1:35

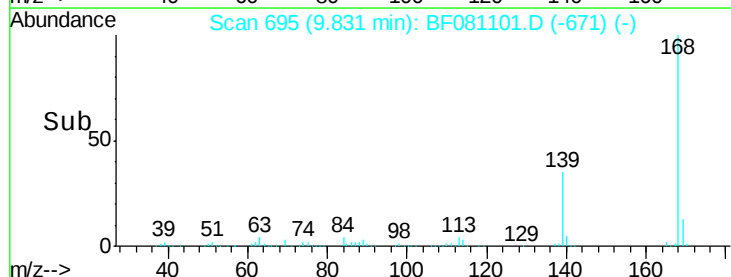
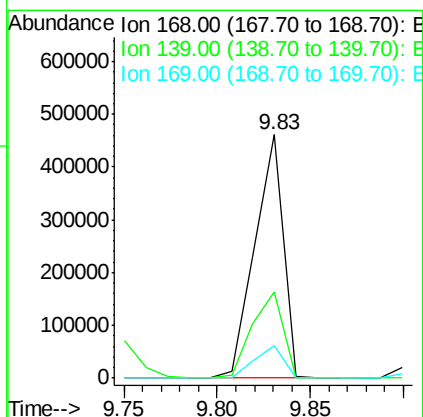
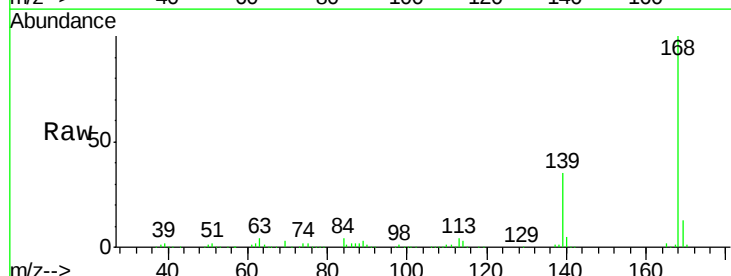
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 54635
 Ion Ratio Lower Upper
 184 100
 63 55.8 101.7 152.5#
 154 58.4 67.4 101.0#



#54
 Dibenzofuran
 Concen: 38.92 ng
 RT: 9.83 min Scan# 695
 Delta R.T. -0.03 min
 Lab File: BF081101.D
 Acq: 20 Aug 2015 1:35

Tgt Ion:168 Resp: 485508
 Ion Ratio Lower Upper
 168 100
 139 35.4 29.3 43.9
 169 13.4 10.3 15.5

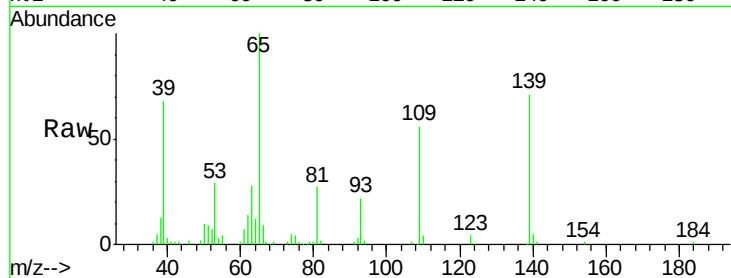




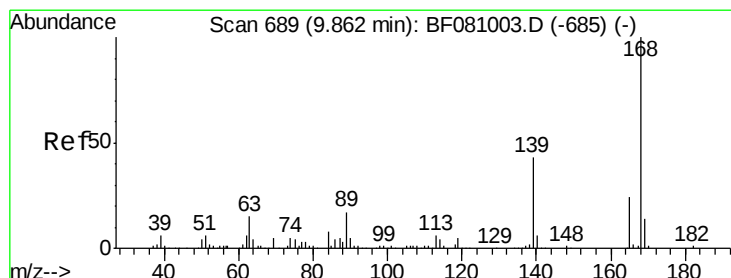
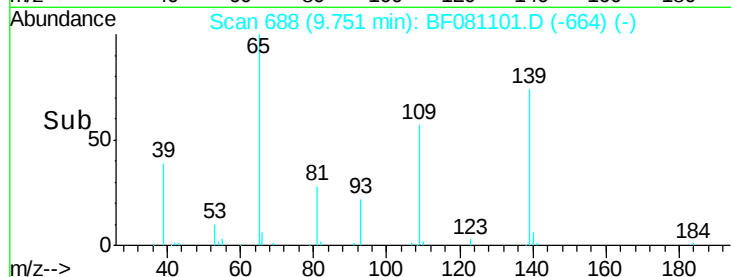
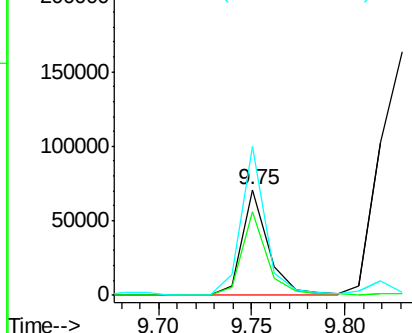
#55
4-Nitrophenol
Concen: 36.95 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 70554
Ion Ratio Lower Upper
139 100
109 78.9 80.0 120.0#
65 140.8 138.3 178.3

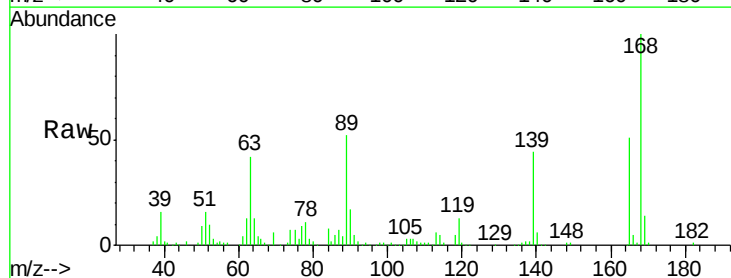


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

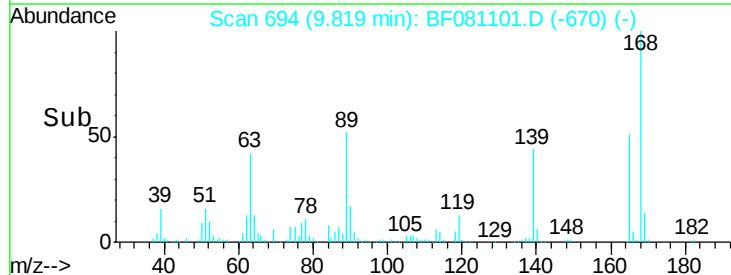
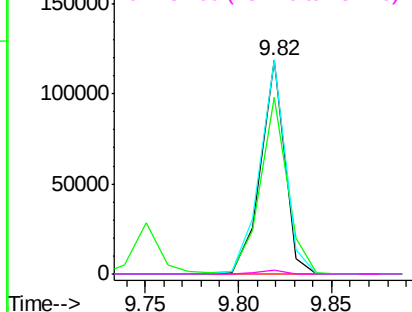


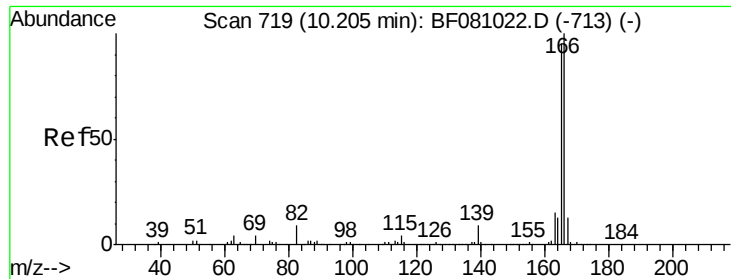
#56
2,4-Dinitrotoluene
Concen: 36.51 ng
RT: 9.82 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:165 Resp: 105112
Ion Ratio Lower Upper
165 100
63 82.5 52.2 78.4#
89 100.1 60.1 90.1#
182 2.0 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.20 ng

RT: 10.16 min Scan# 724

Delta R.T. -0.04 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampled :

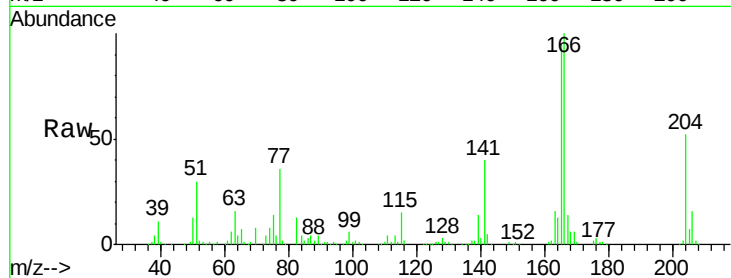
Tot Ion:166 Resp: 347443

Ion Ratio Lower Upper

166 100

165 95.5 75.8 113.8

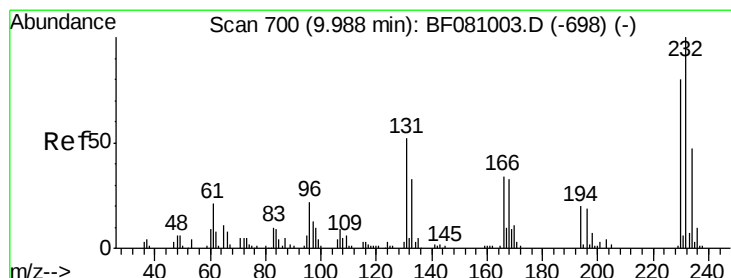
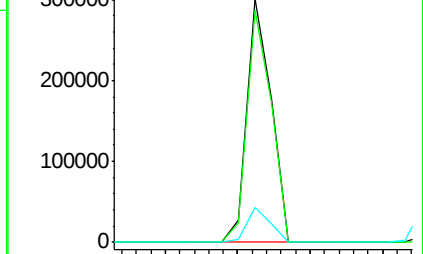
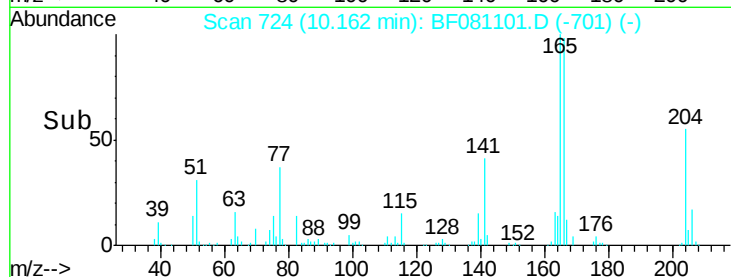
167 14.1 11.3 16.9



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: 40.96 ng

RT: 9.91 min Scan# 702

Delta R.T. -0.08 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Tgt Ion:232 Resp: 88727

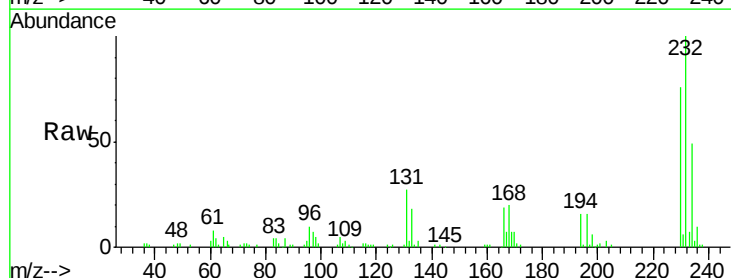
Ion Ratio Lower Upper

232 100

131 47.6 42.2 63.4

130 2.4 2.1 3.1

166 26.5 22.4 33.6

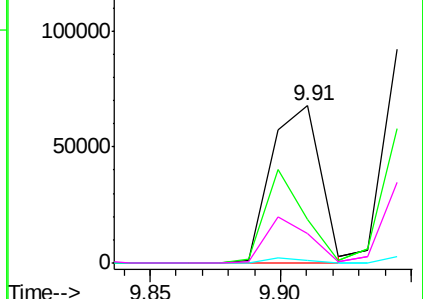
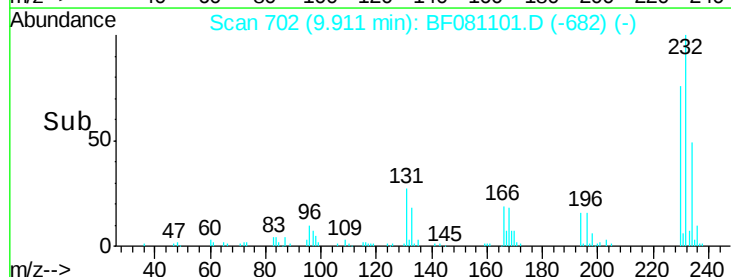


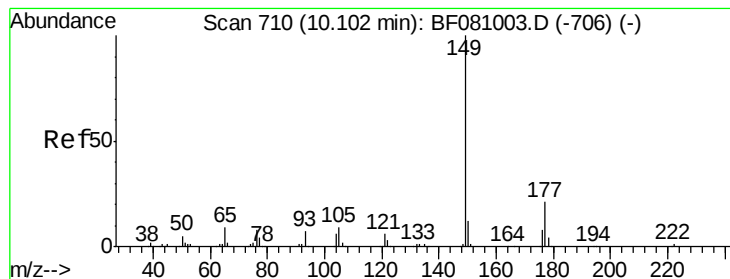
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.89 ng

RT: 10.06 min Scan# 715

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampled :

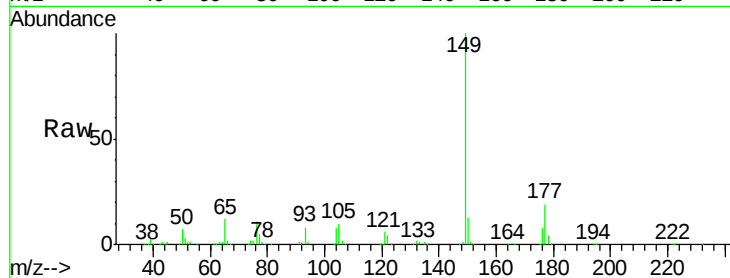
Tot Ion:149 Resp: 405811

Ion Ratio Lower Upper

149 100

177 19.4 14.1 21.1

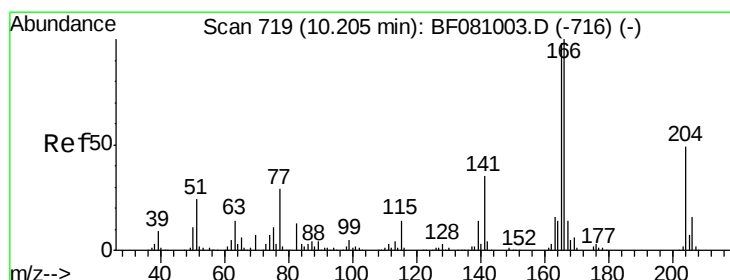
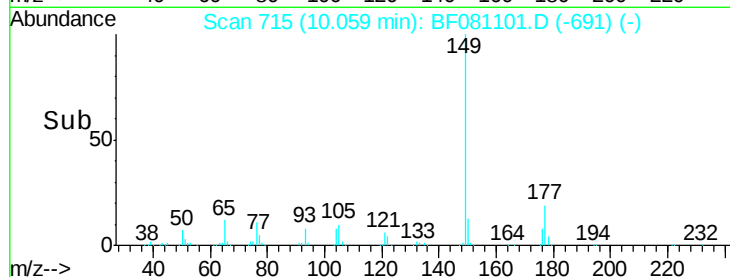
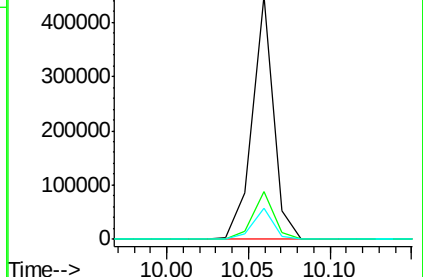
150 12.6 10.3 15.5



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: 37.36 ng

RT: 10.16 min Scan# 724

Delta R.T. -0.04 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

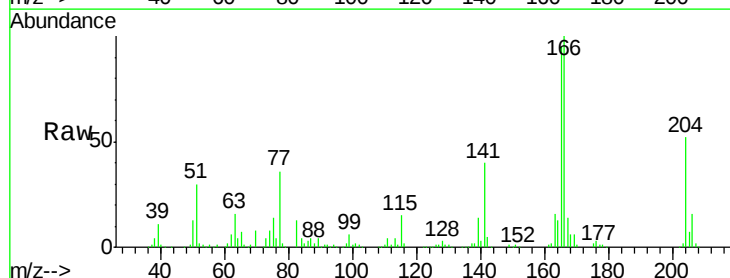
Tgt Ion:204 Resp: 151709

Ion Ratio Lower Upper

204 100

206 31.0 26.2 39.2

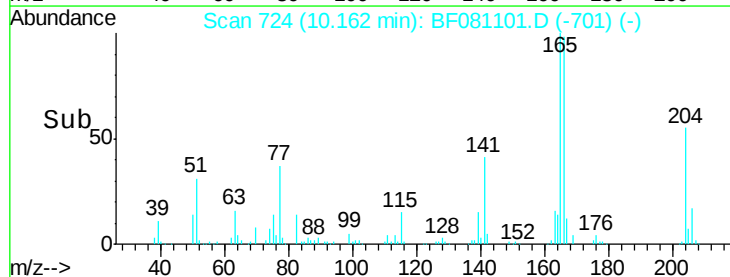
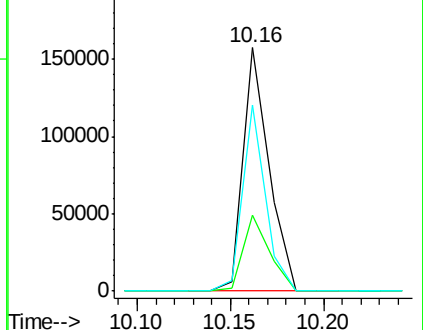
141 76.2 59.6 89.4

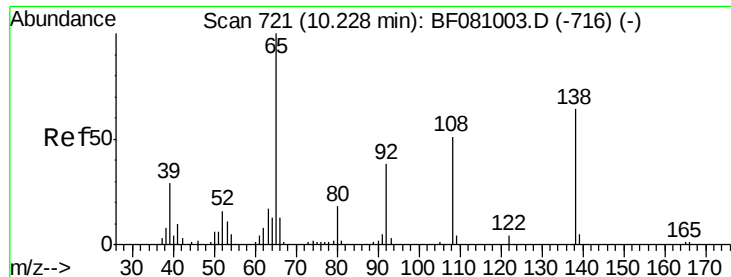


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

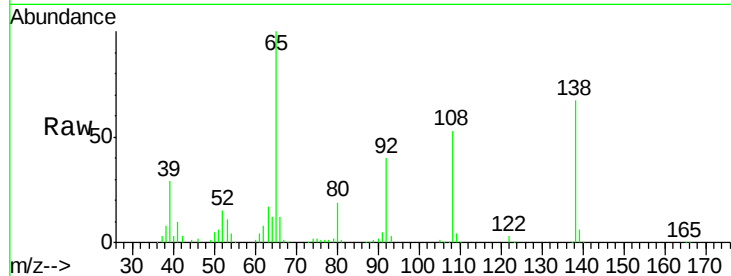




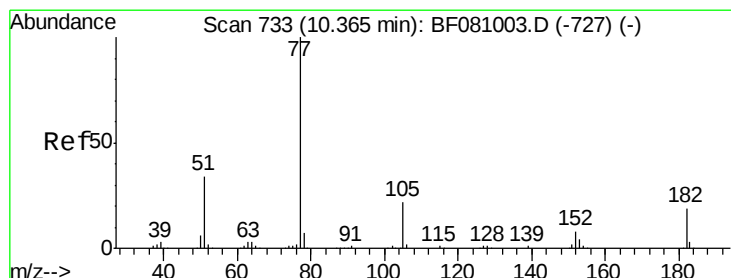
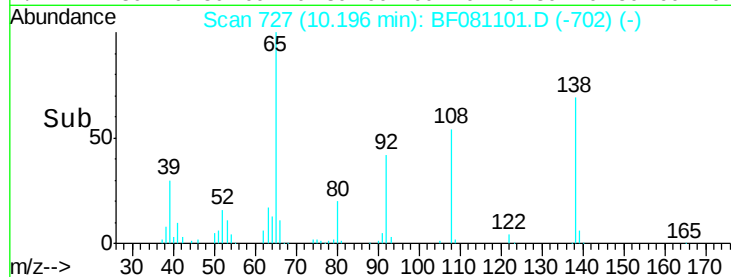
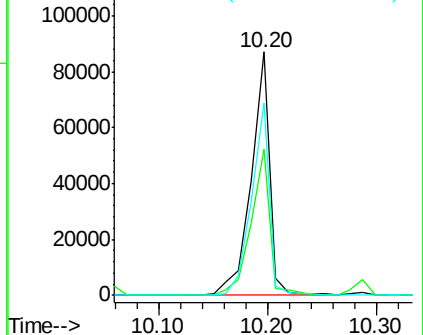
#61
4-Nitroaniline
Concen: 37.42 ng
RT: 10.20 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 103974
Ion Ratio Lower Upper
138 100
92 60.0 34.7 74.7
108 79.1 68.9 108.9

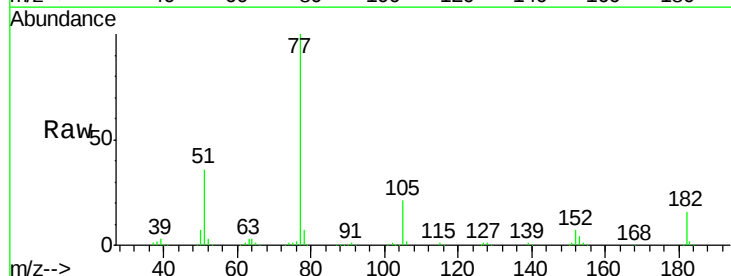


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

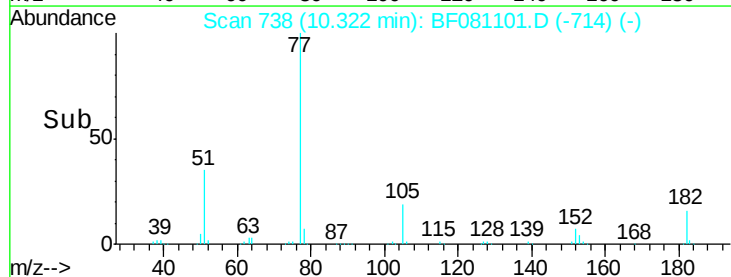
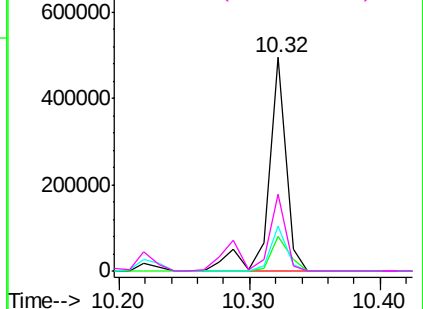


#62
Azobenzene
Concen: 38.20 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion: 77 Resp: 471403
Ion Ratio Lower Upper
77 100
182 16.2 0.0 39.0
105 20.7 0.2 40.2
51 35.7 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

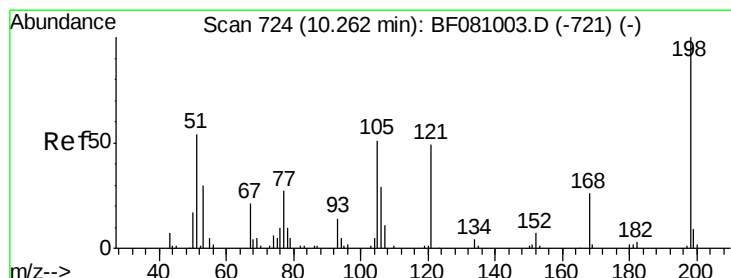
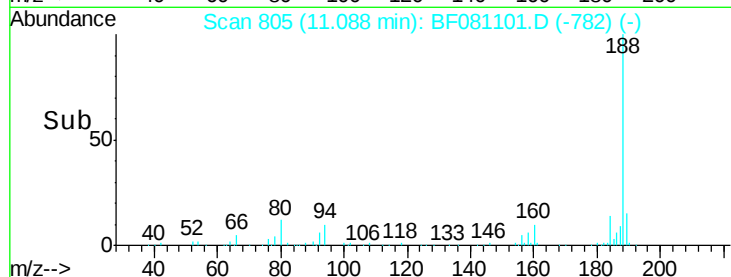
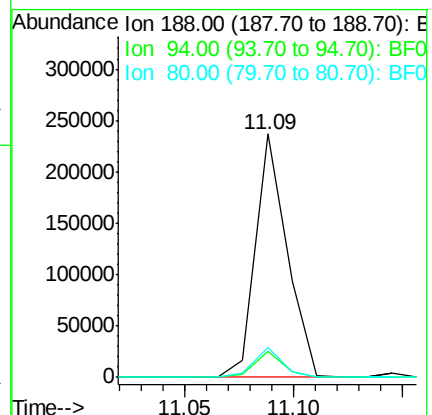
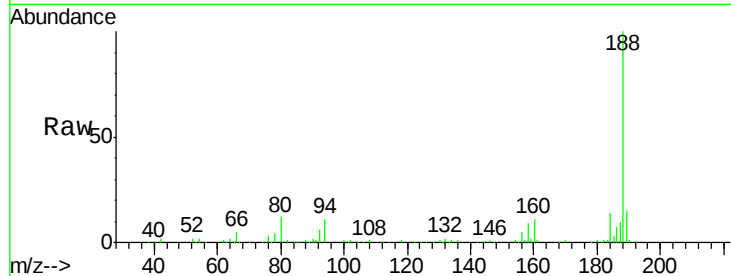




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

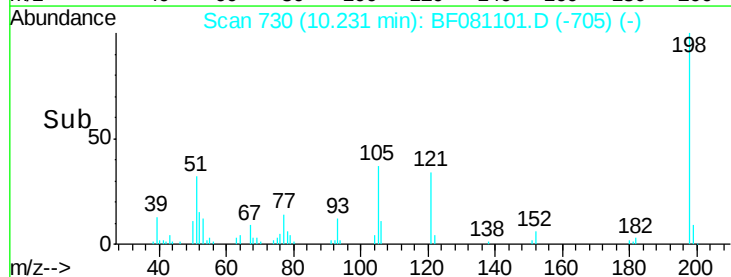
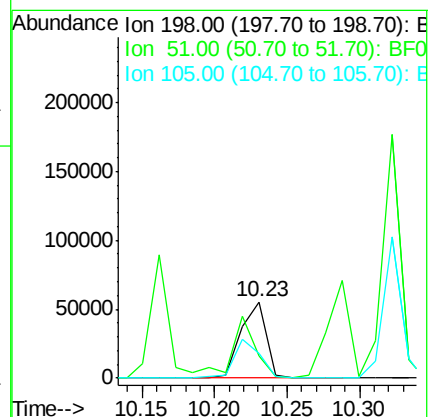
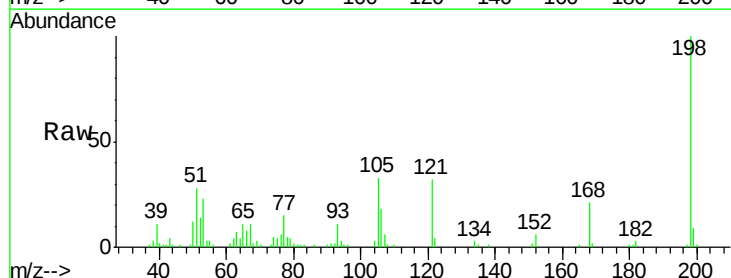
Instrument :
BNA_F
ClientSampleId :

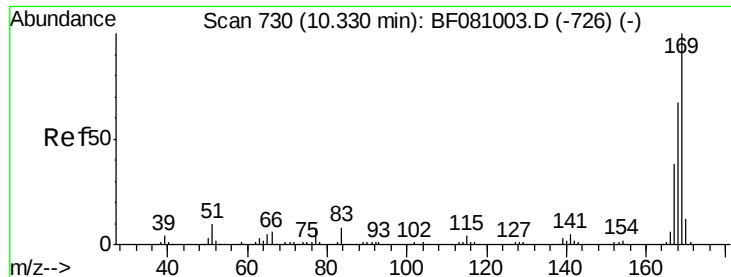
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.2	12.2
80	12.4	9.5	14.3



#64
4,6-Dinitro-2-methylphenol
Concen: 46.92 ng
RT: 10.23 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion	Ratio	Lower	Upper
198	100		
51	28.3	79.7	119.7#
105	32.5	47.0	87.0#

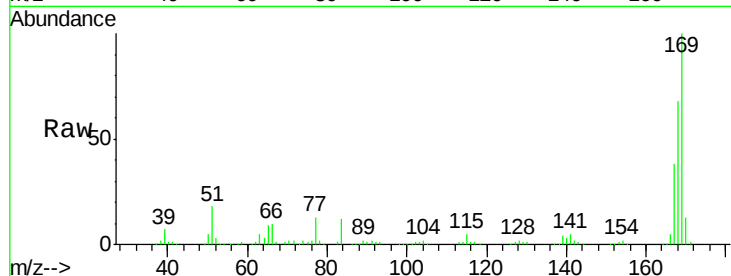




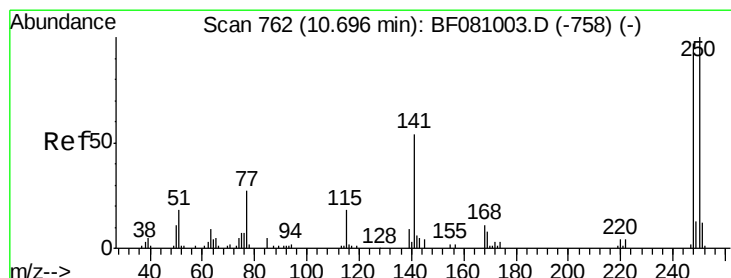
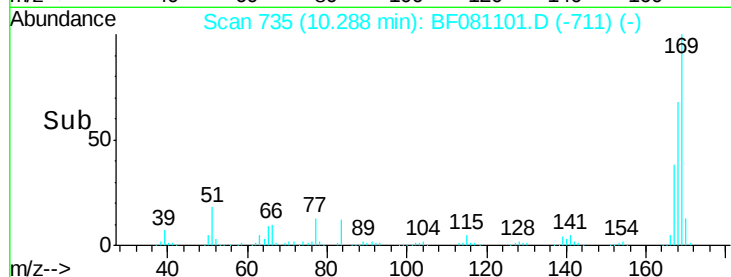
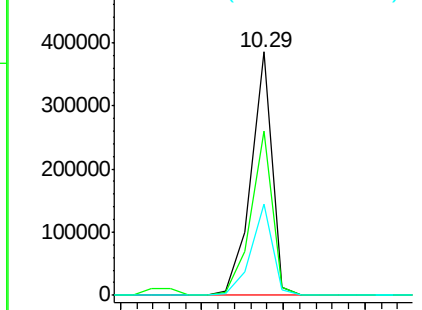
#65
 n-Nitrosodiphenylamine
 Concen: 40.44 ng
 RT: 10.29 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF081101.D
 Acq: 20 Aug 2015 1:35

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:169 Resp: 345560
 Ion Ratio Lower Upper
 169 100
 168 67.6 55.3 82.9
 167 37.7 30.8 46.2

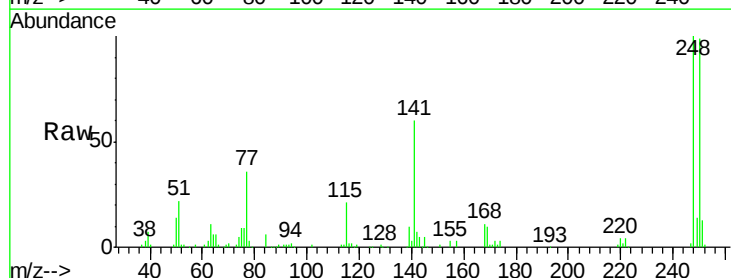


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

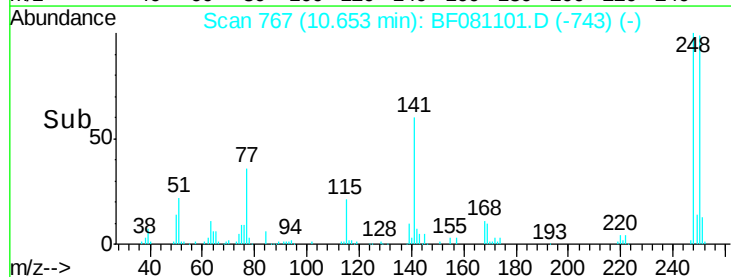
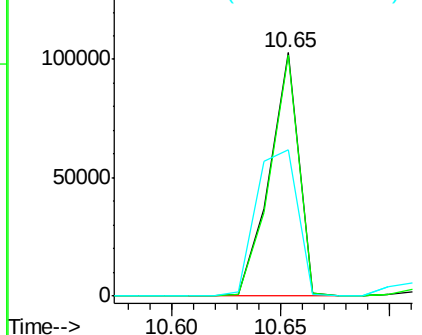


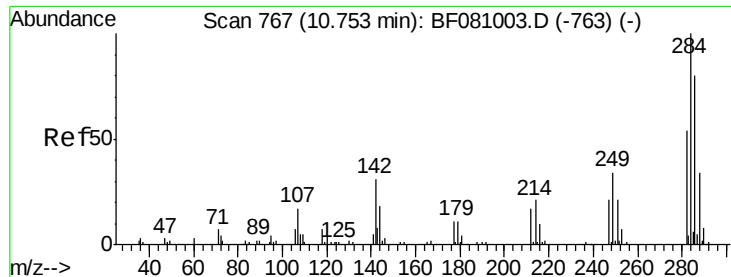
#66
 4-Bromophenyl-phenylether
 Concen: 41.34 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF081101.D
 Acq: 20 Aug 2015 1:35

Tgt Ion:248 Resp: 97206
 Ion Ratio Lower Upper
 248 100
 250 99.0 77.8 116.6
 141 60.0 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

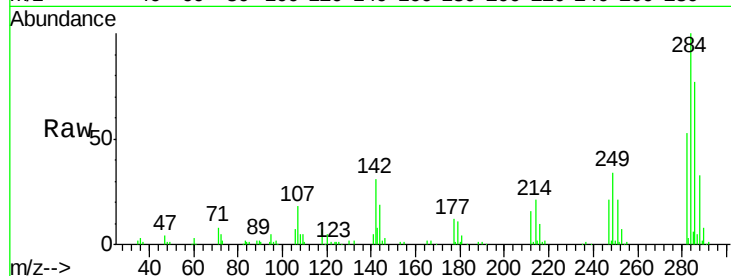




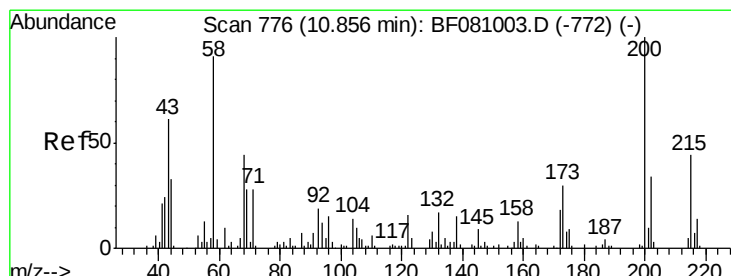
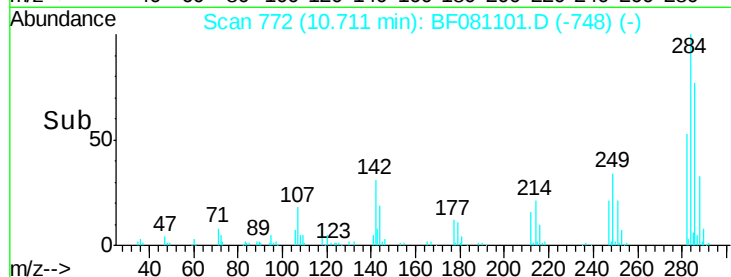
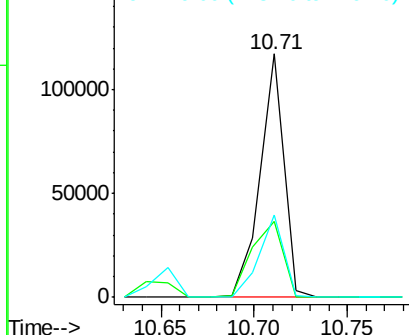
#67
Hexachlorobenzene
Concen: 43.04 ng
RT: 10.71 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.0	25.4	38.0
249	33.9	28.5	42.7

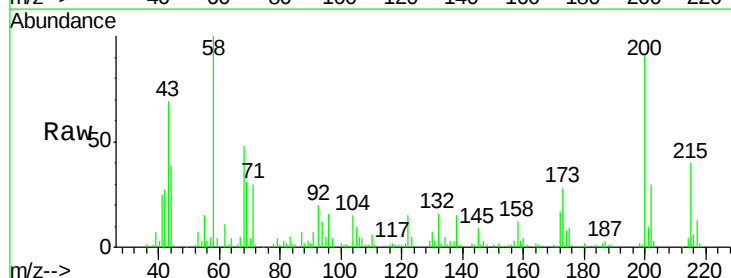


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

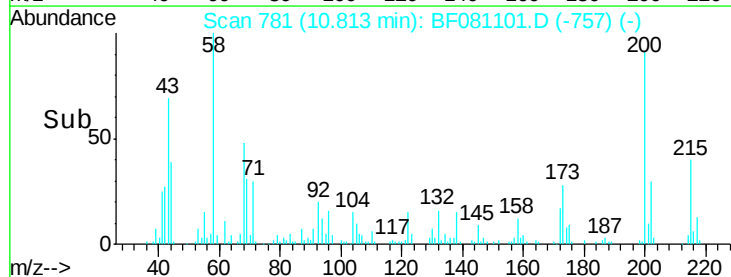
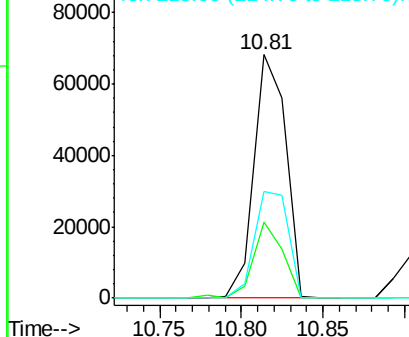


#68
Atrazine
Concen: 38.89 ng
RT: 10.81 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.1	8.1	48.1
215	43.6	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

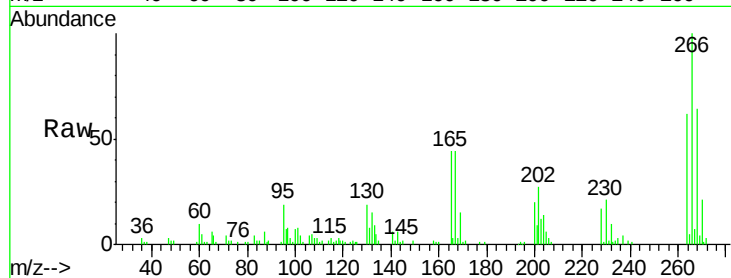




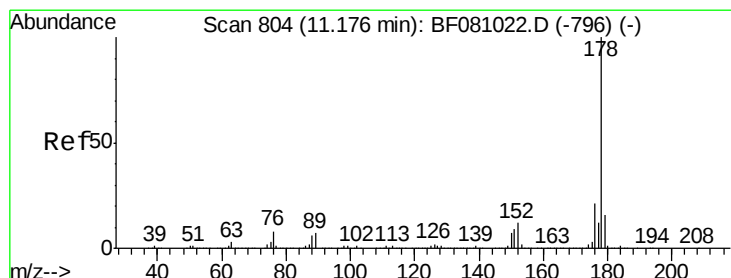
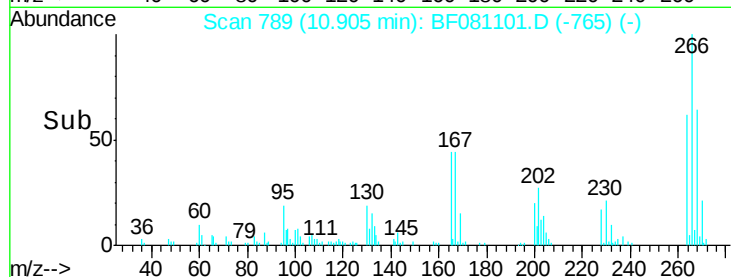
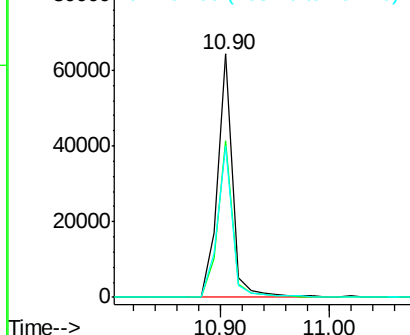
#69
 Pentachlorophenol
 Concen: 44.10 ng
 RT: 10.90 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF081101.D
 Acq: 20 Aug 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 63007
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.2 76.8
 264 62.0 50.6 75.8

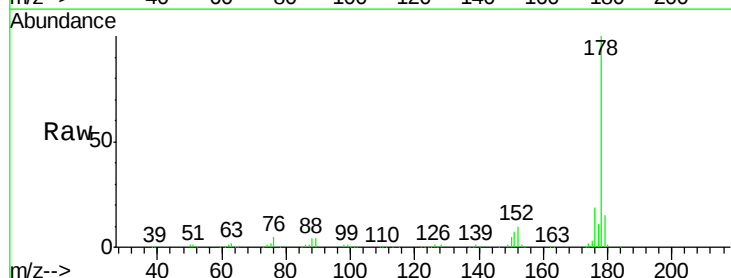


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

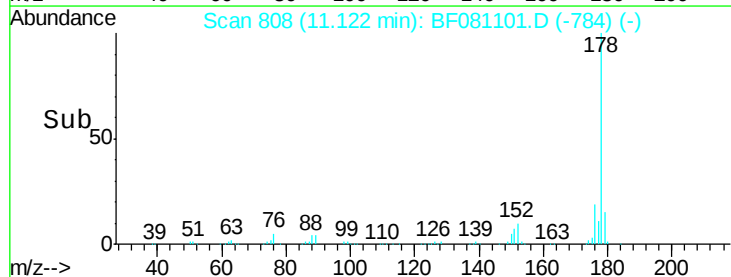
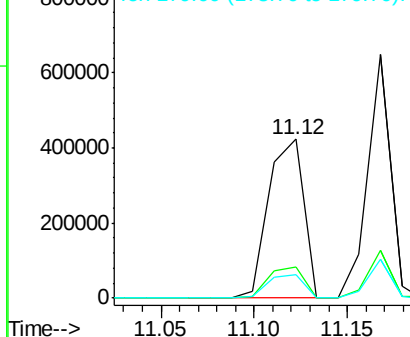


#70
 Phenanthrene
 Concen: 39.09 ng
 RT: 11.12 min Scan# 808
 Delta R.T. -0.03 min
 Lab File: BF081101.D
 Acq: 20 Aug 2015 1:35

Tgt Ion:178 Resp: 554519
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.7 23.5
 179 14.9 12.2 18.2



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

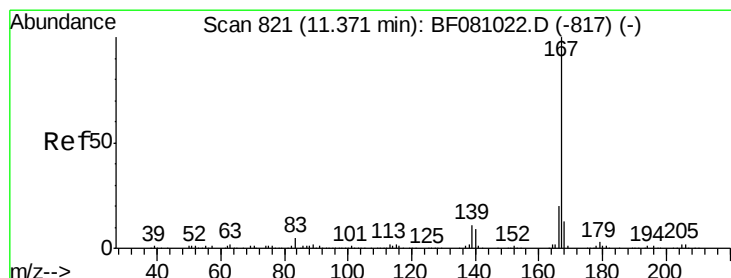
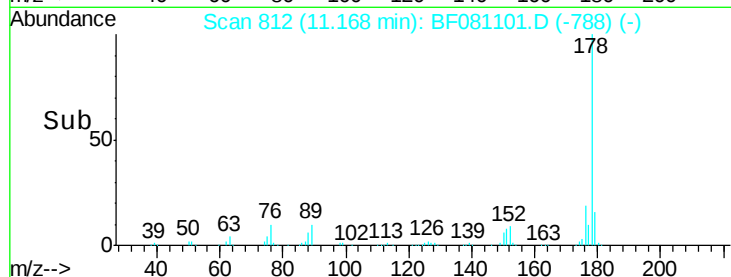
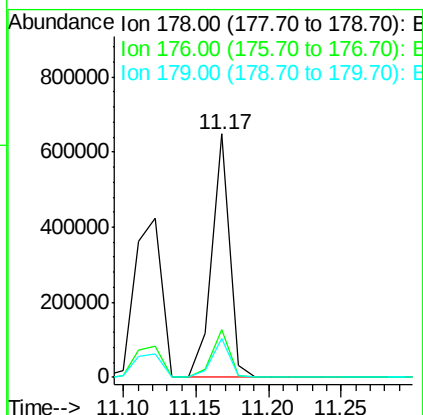
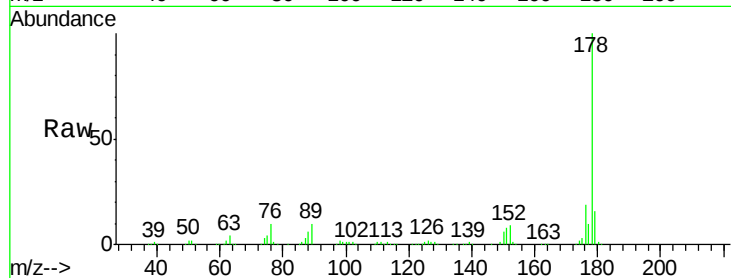




#71
 Anthracene
 Concen: 39.69 ng
 RT: 11.17 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF081101.D
 Acq: 20 Aug 2015 1:35

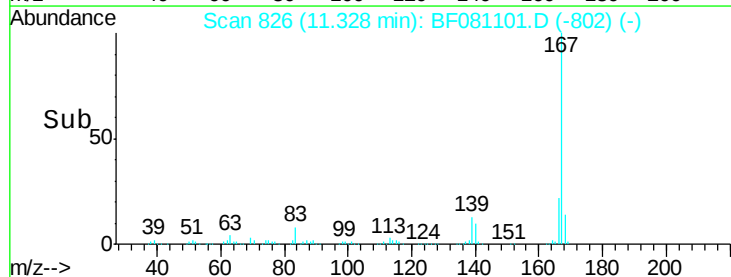
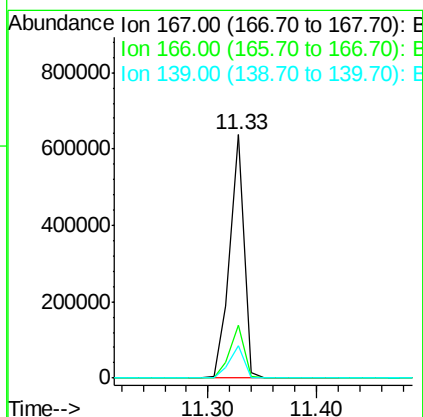
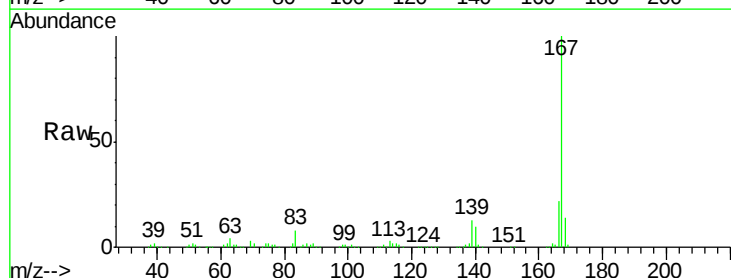
Instrument :
 BNA_F
 ClientSampleId :

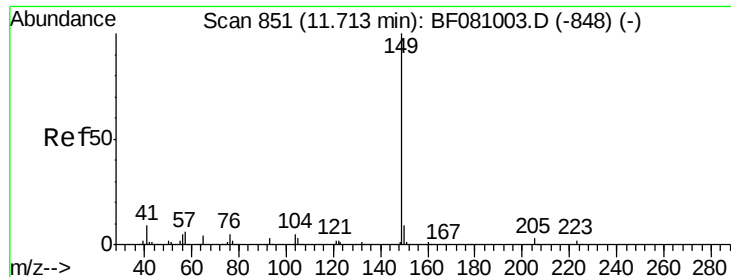
Tot Ion:178 Resp: 547876
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.7 23.5
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 43.76 ng
 RT: 11.33 min Scan# 826
 Delta R.T. -0.03 min
 Lab File: BF081101.D
 Acq: 20 Aug 2015 1:35

Tgt Ion:167 Resp: 581584
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.4 10.6 16.0





#73

Di-n-butylphthalate

Concen: 39.29 ng

RT: 11.67 min Scan# 856

Delta R.T. -0.04 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampleId :

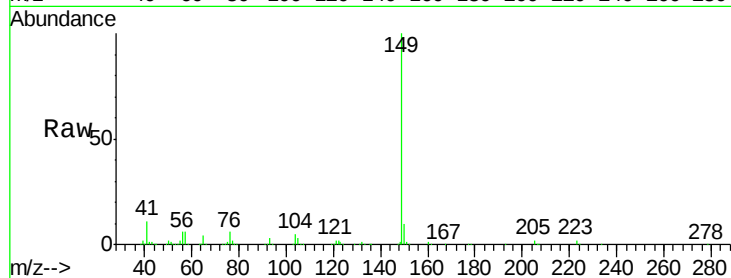
Tot Ion:149 Resp: 631853

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

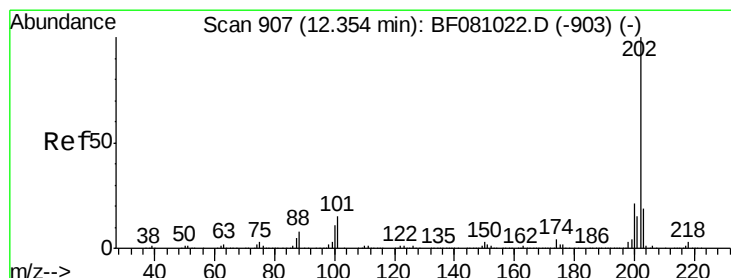
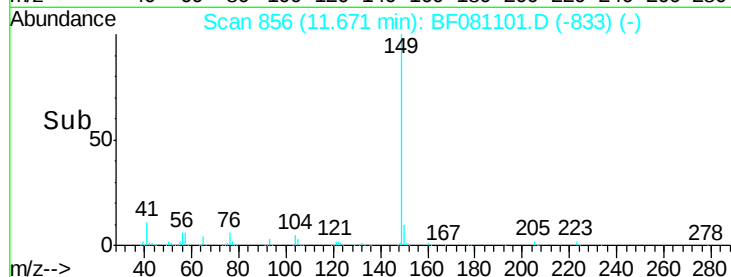
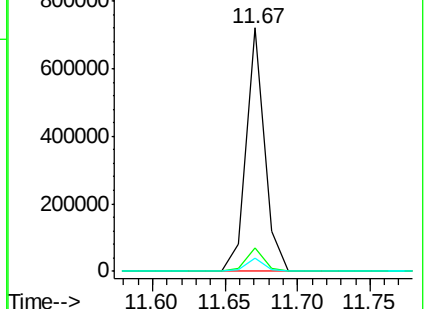
104 5.3 3.9 5.9



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: 37.89 ng

RT: 12.29 min Scan# 910

Delta R.T. -0.04 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

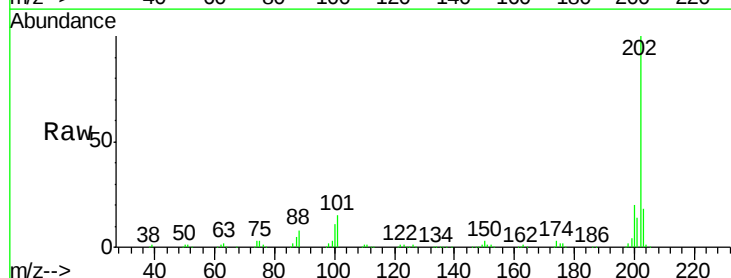
Tgt Ion:202 Resp: 580048

Ion Ratio Lower Upper

202 100

101 14.5 0.0 24.8

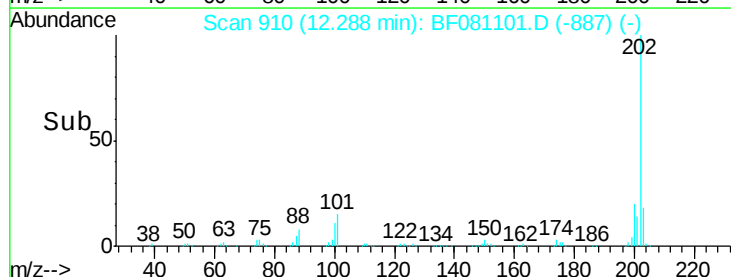
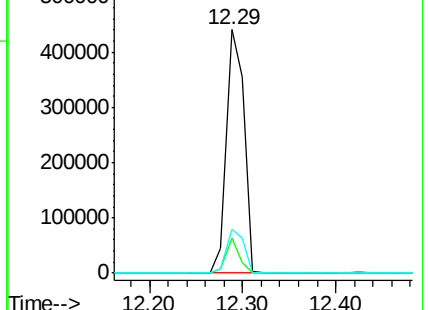
203 18.3 0.0 36.9

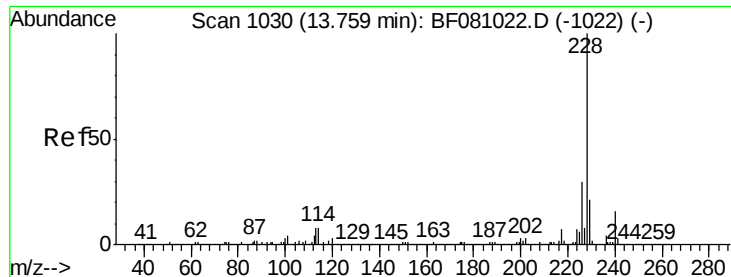


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.71 min Scan# 1034

Delta R.T. -0.04 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampleId :

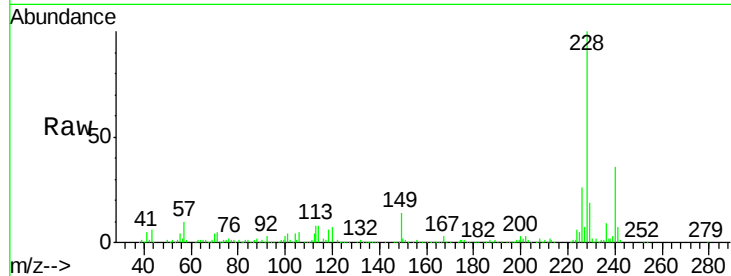
Tot Ion:240 Resp: 183773

Ion Ratio Lower Upper

240 100

120 19.2 5.6 8.4#

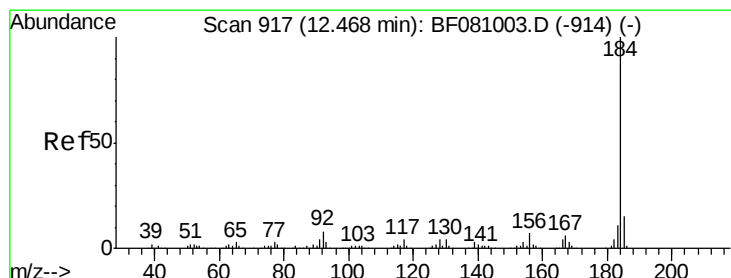
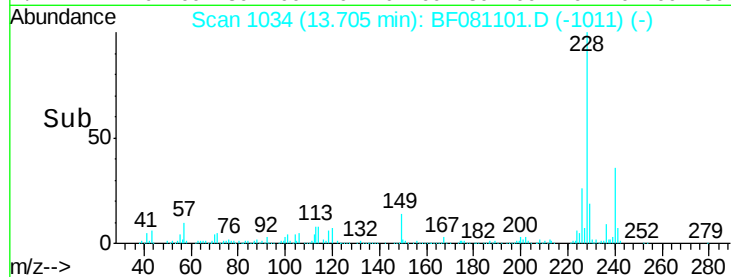
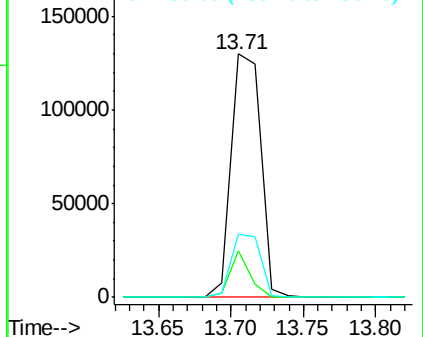
236 26.0 20.6 30.8



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: 44.01 ng

RT: 12.43 min Scan# 922

Delta R.T. -0.04 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

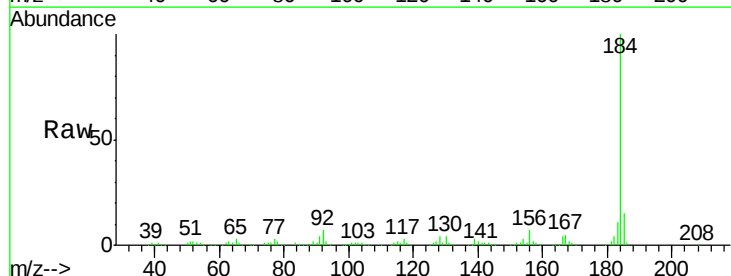
Tgt Ion:184 Resp: 305543

Ion Ratio Lower Upper

184 100

185 14.8 12.0 18.0

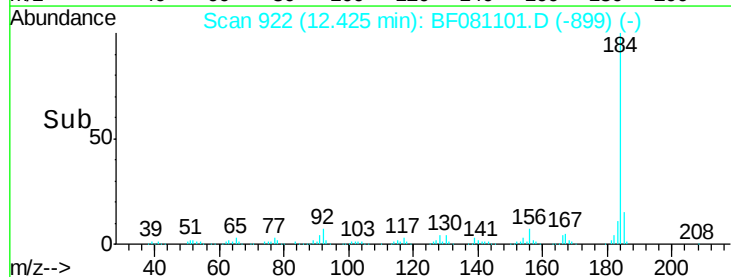
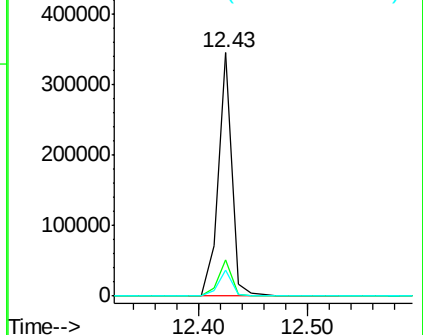
183 10.6 8.9 13.3

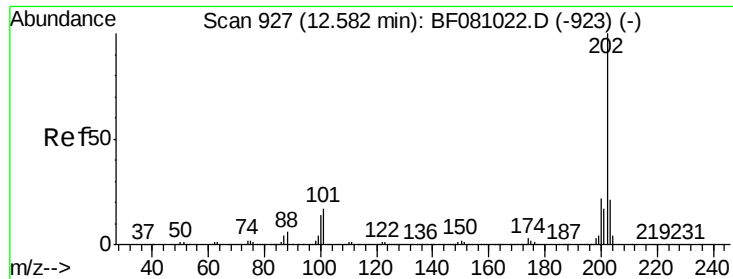


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.87 ng

RT: 12.52 min Scan# 930

Delta R.T. -0.04 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampleId :

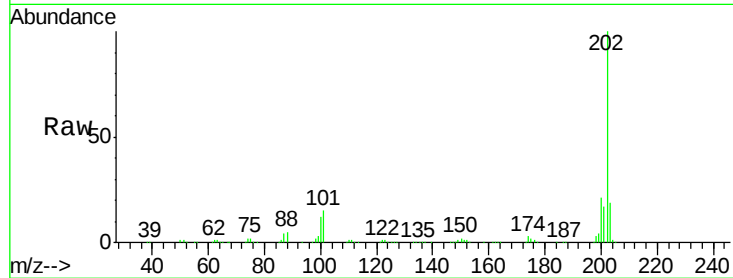
Tot Ion:202 Resp: 580777

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

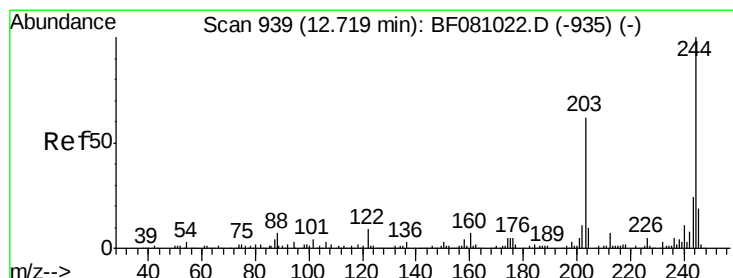
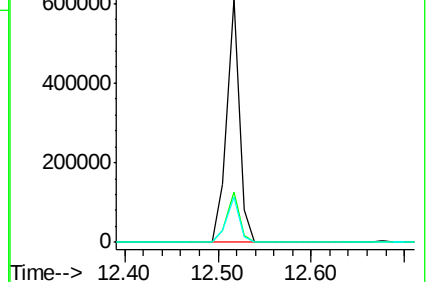
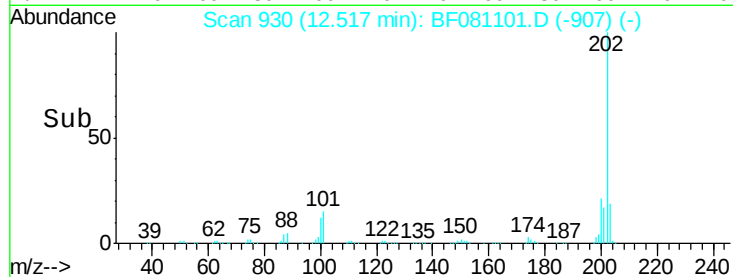
203 18.6 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.02 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

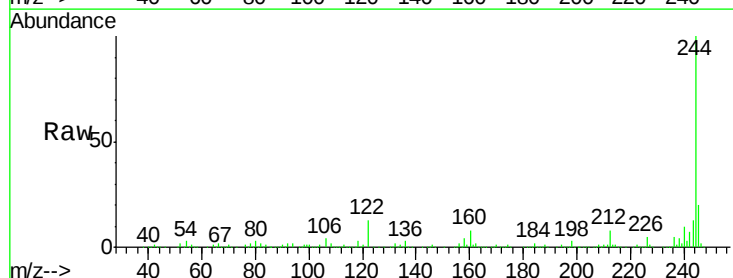
Tgt Ion:244 Resp: 745927

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

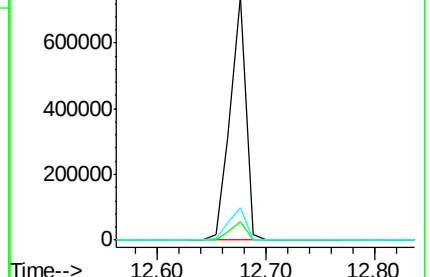
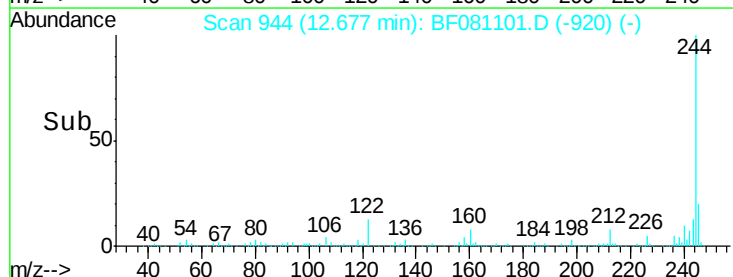
122 13.1 8.2 12.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

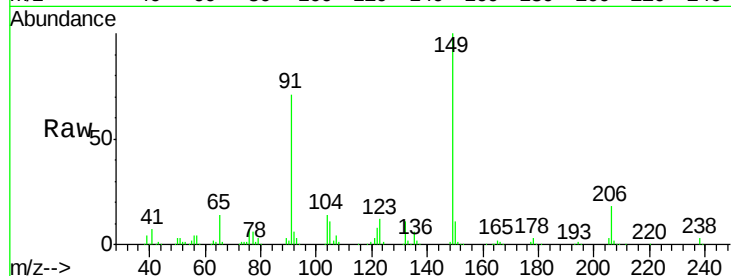




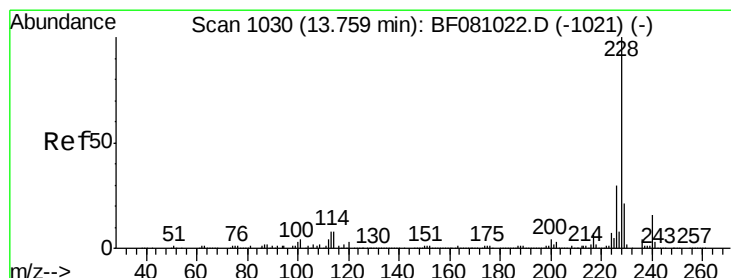
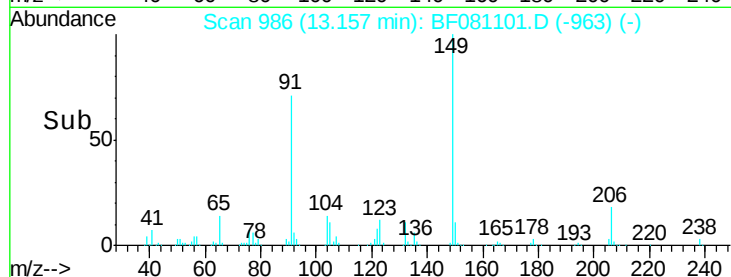
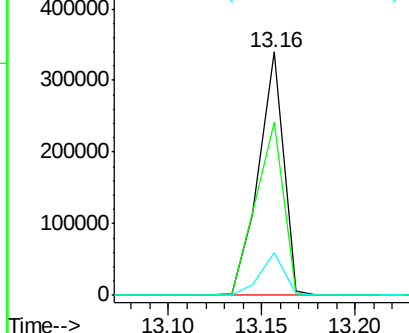
#79
Butylbenzylphthalate
Concen: 49.17 ng
RT: 13.16 min Scan# 986
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 315779
Ion Ratio Lower Upper
149 100
91 71.2 46.9 70.3#
206 17.5 17.0 25.4

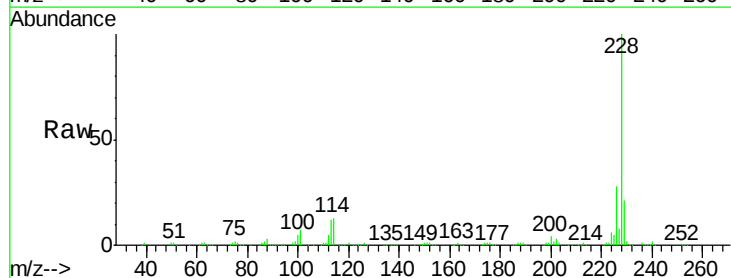


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

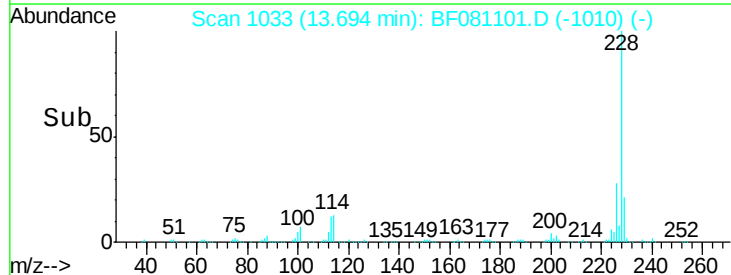
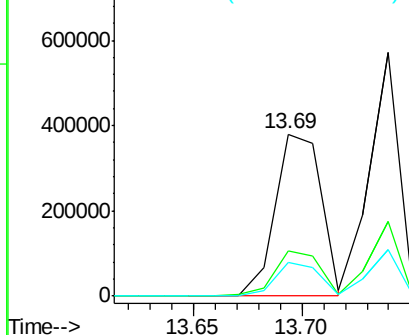


#80
Benzo(a)anthracene
Concen: 45.52 ng
RT: 13.69 min Scan# 1033
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:228 Resp: 560964
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 20.5 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

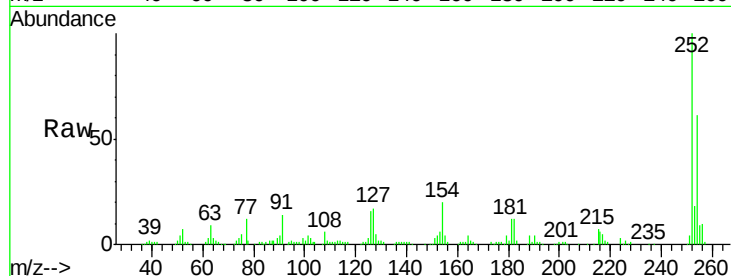




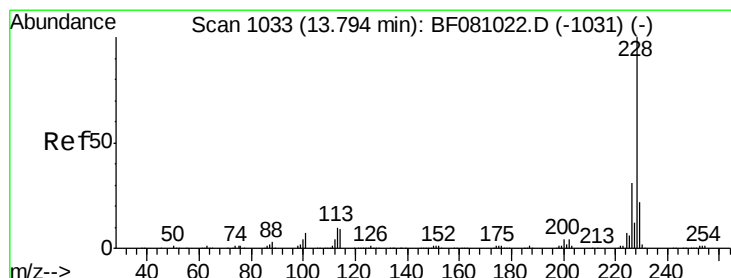
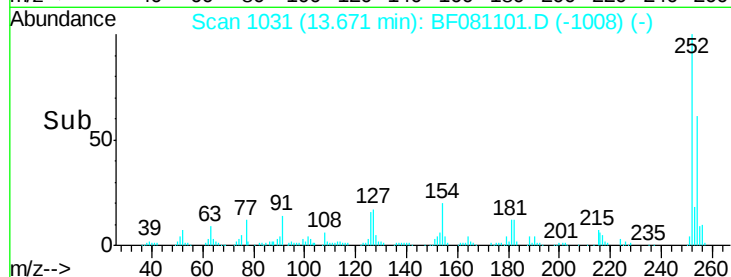
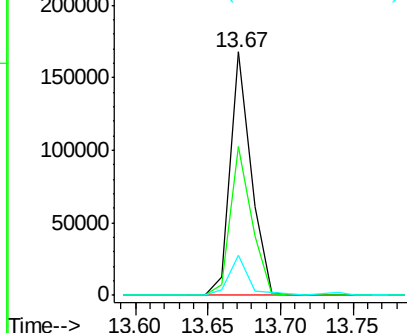
#81
 3,3'-Dichlorobenzidine
 Concen: 41.96 ng
 RT: 13.67 min Scan# 1031
 Delta R.T. -0.04 min
 Lab File: BF081101.D
 Acq: 20 Aug 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 167490
 Ion Ratio Lower Upper
 252 100
 254 61.4 51.5 77.3
 126 16.3 12.5 18.7

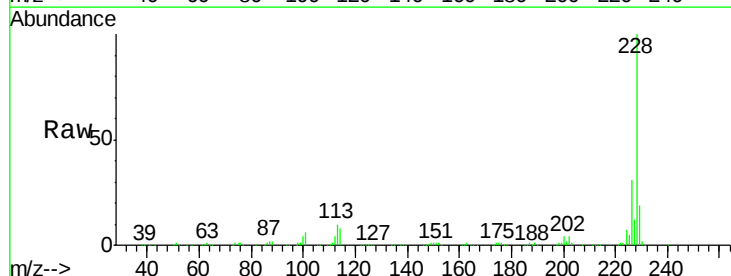


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

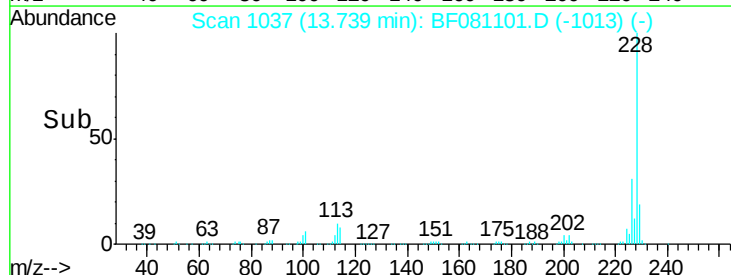
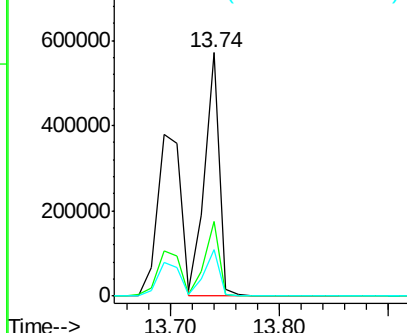


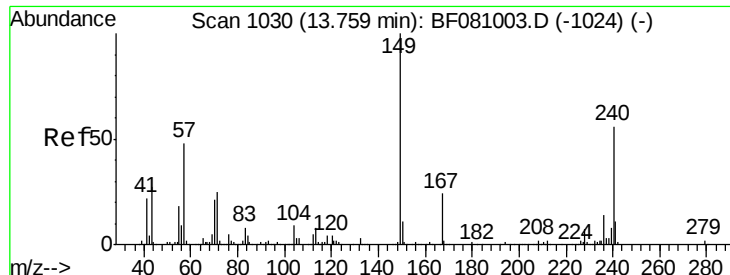
#82
 Chrysene
 Concen: 48.61 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BF081101.D
 Acq: 20 Aug 2015 1:35

Tgt Ion:228 Resp: 539958
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.4 36.6
 229 19.3 16.0 24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.51 ng

RT: 13.72 min Scan# 1035

Delta R.T. -0.04 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampleId :

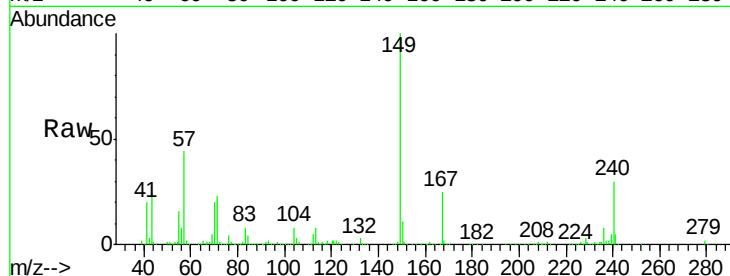
Tot Ion:149 Resp: 382569

Ion Ratio Lower Upper

149 100

167 24.5 20.7 31.1

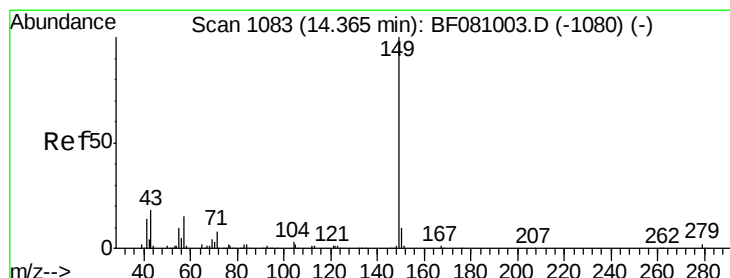
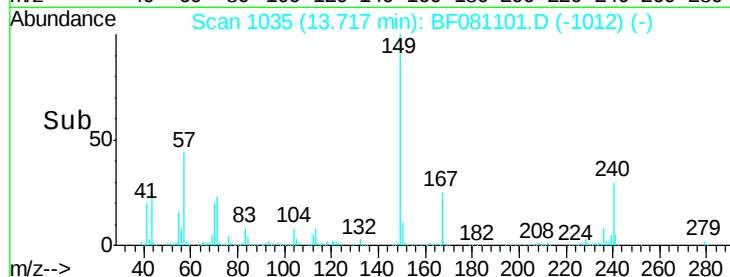
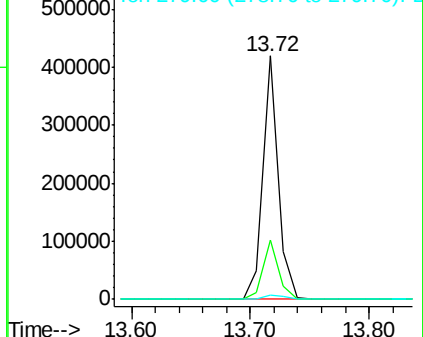
279 1.9 2.2 3.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.39 ng

RT: 14.32 min Scan# 1088

Delta R.T. -0.04 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

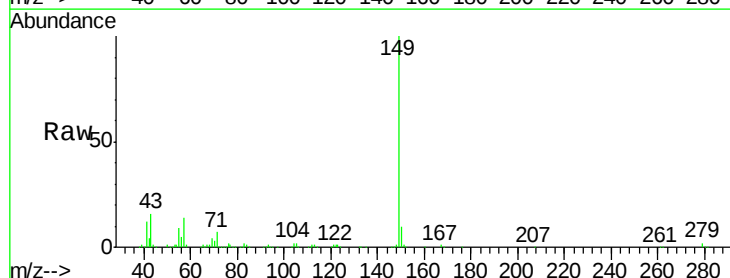
Tgt Ion:149 Resp: 654909

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

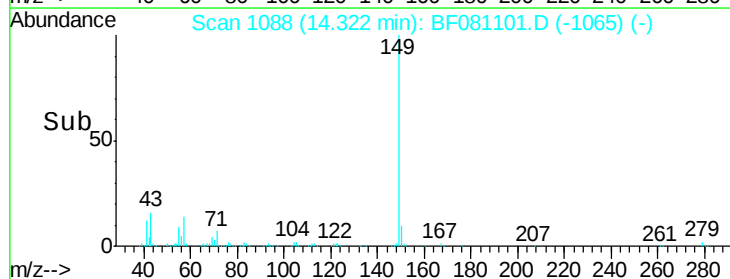
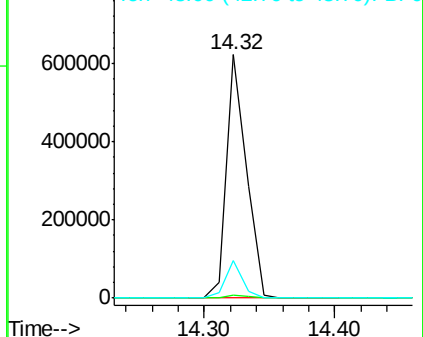
43 13.8 11.6 17.4

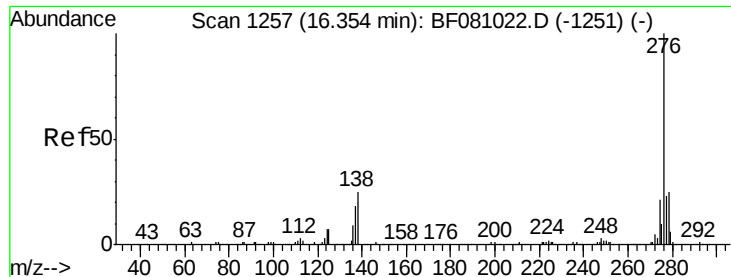


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

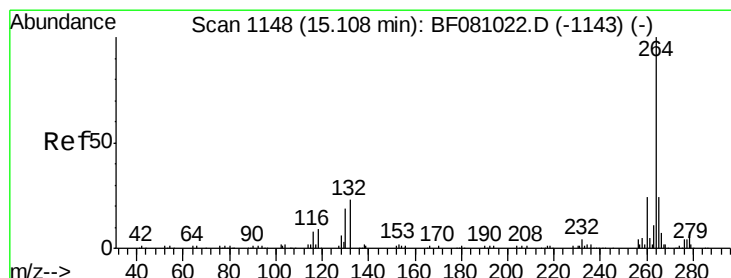
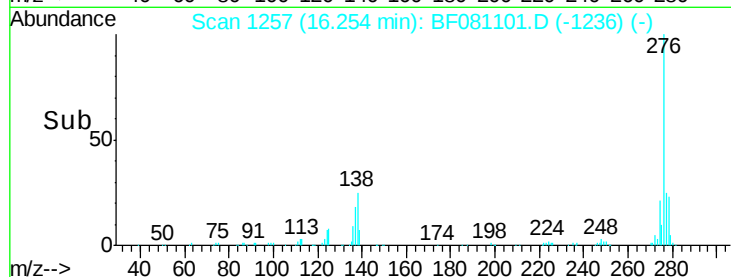
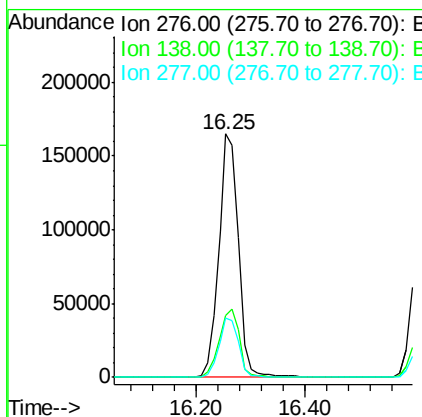
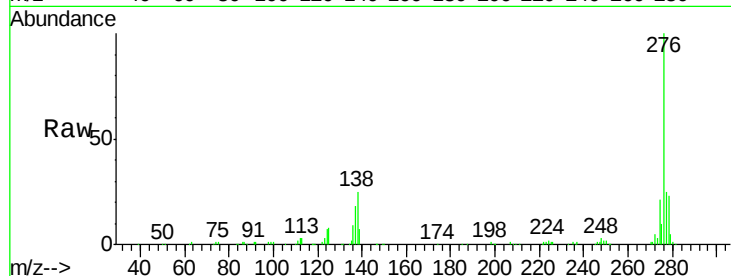




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.75 ng
 RT: 16.25 min Scan# 1257
 Delta R.T. -0.07 min
 Lab File: BF081101.D
 Acq: 20 Aug 2015 1:35

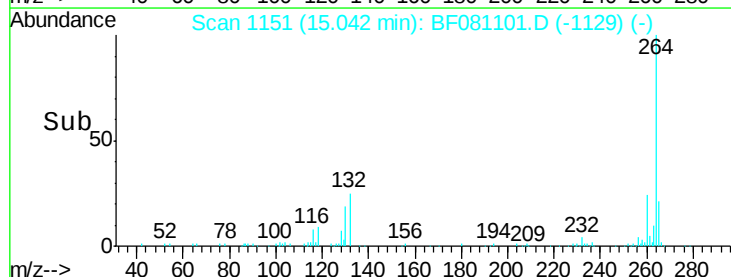
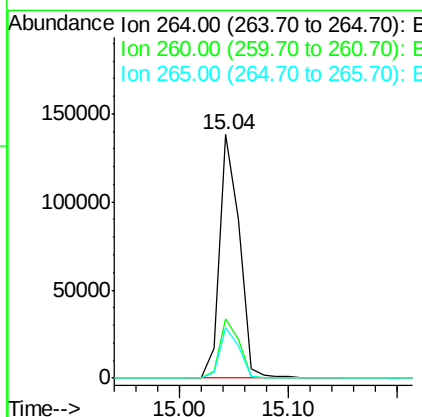
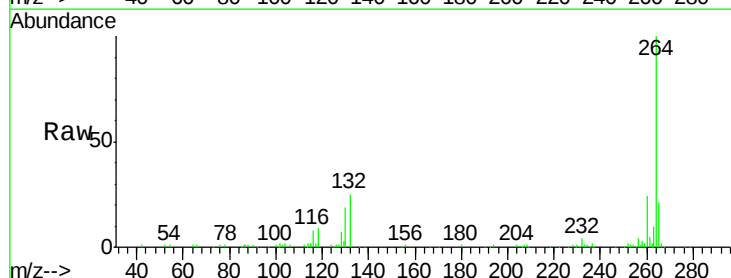
Instrument :
 BNA_F
 ClientSampleId :

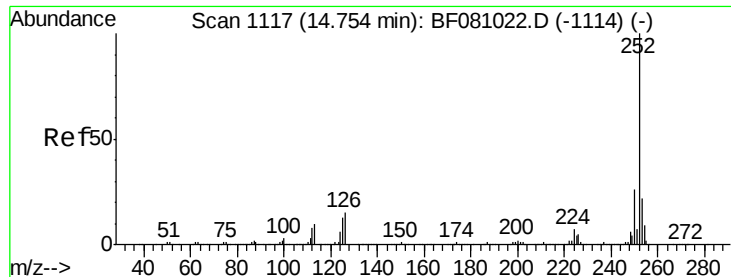
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	18.6	28.0#
277	24.7	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081101.D
 Acq: 20 Aug 2015 1:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	20.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 77.64 ng

RT: 14.72 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampleId :

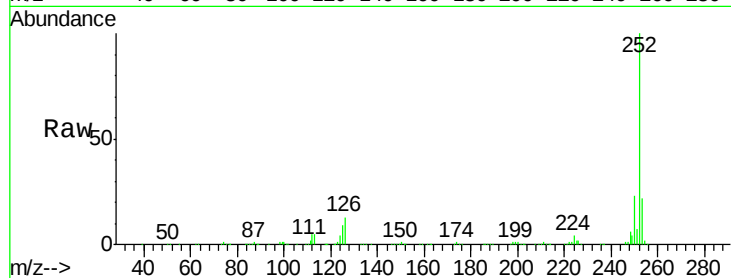
Tot Ion:252 Resp: 958498

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

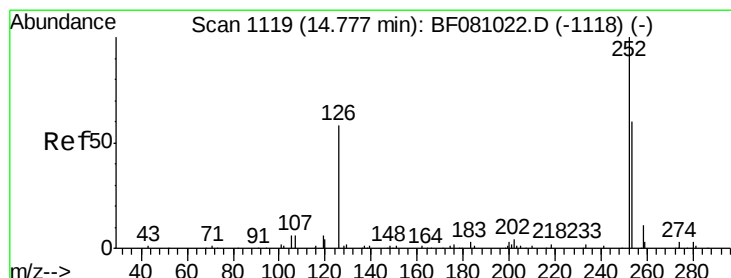
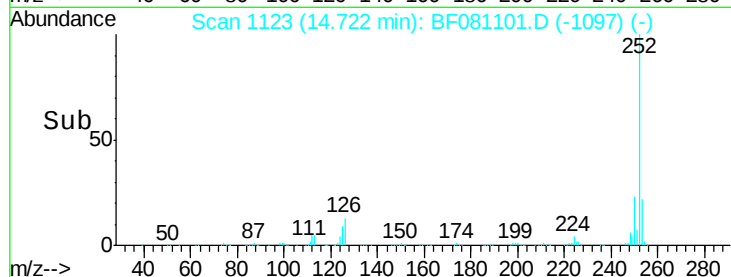
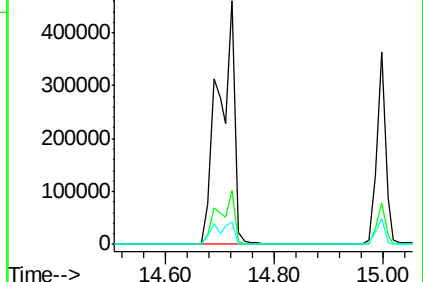
125 8.9 8.0 12.0



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: 83.33 ng

RT: 14.72 min Scan# 1123

Delta R.T. -0.04 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

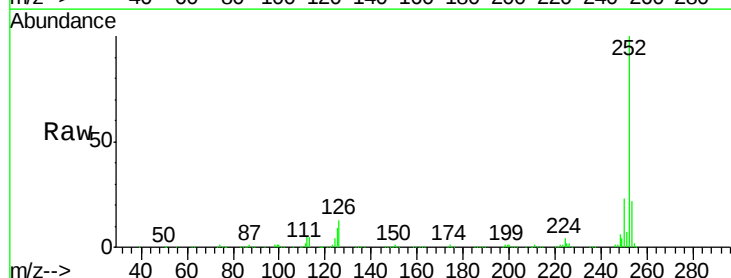
Tgt Ion:252 Resp: 958510

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

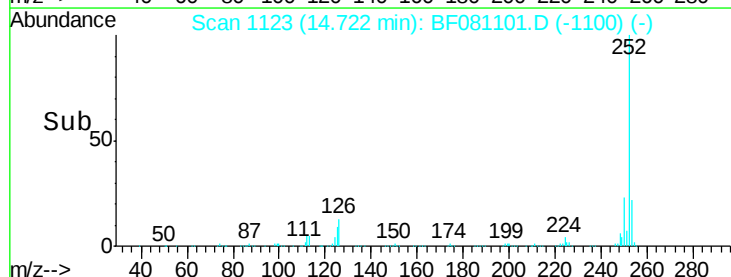
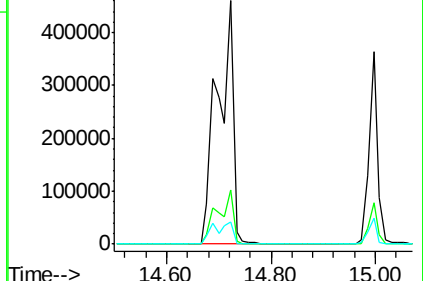
125 8.9 10.3 15.5#



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

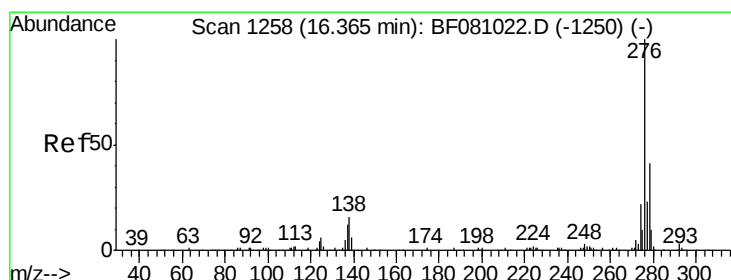
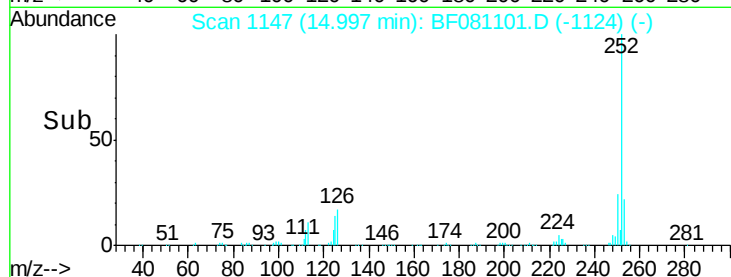
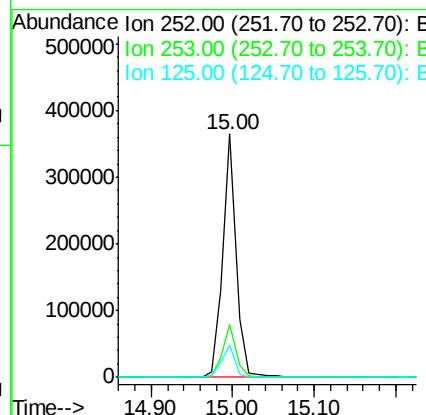
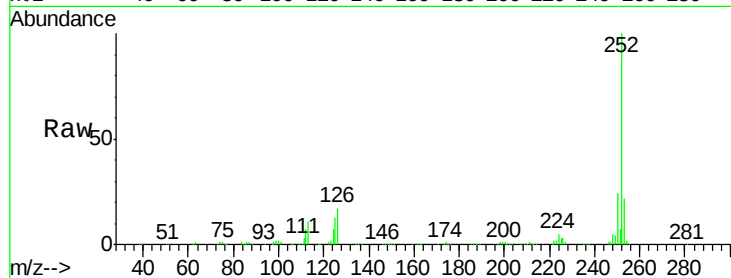




#89
Benzo(a)pyrene
Concen: 38.91 ng
RT: 15.00 min Scan# 1147
Delta R.T. -0.04 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

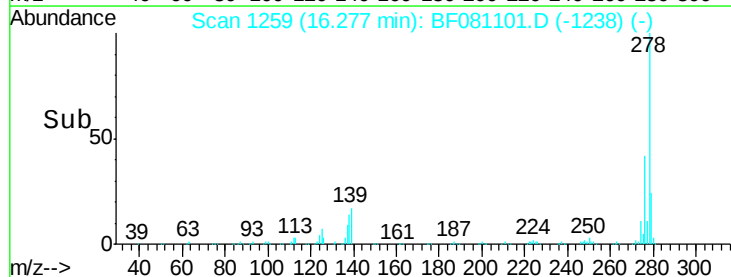
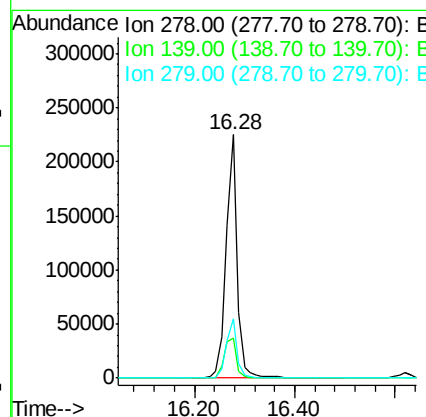
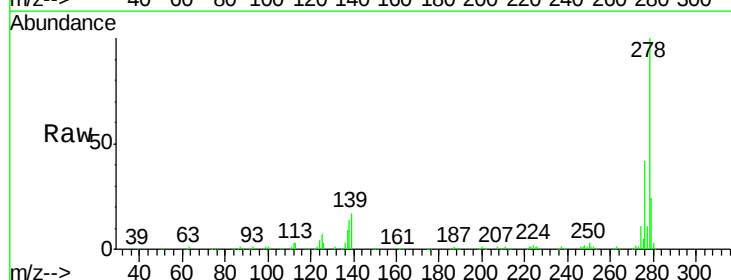
Instrument :
BNA_F
ClientSampled :

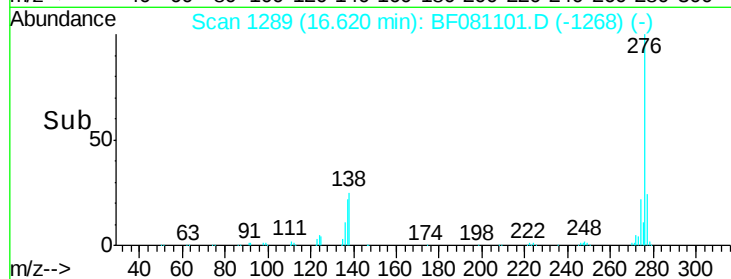
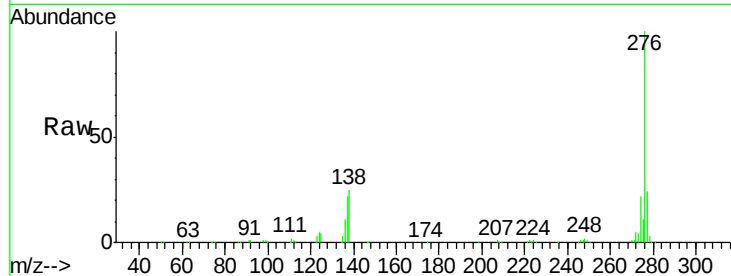
Tot Ion:252 Resp: 418538
Ion Ratio Lower Upper
252 100
253 21.7 16.6 25.0
125 13.2 7.8 11.8#



#90
Dibenzo(a,h)anthracene
Concen: 41.05 ng
RT: 16.28 min Scan# 1259
Delta R.T. -0.07 min
Lab File: BF081101.D
Acq: 20 Aug 2015 1:35

Tgt Ion:278 Resp: 344094
Ion Ratio Lower Upper
278 100
139 16.7 10.8 16.2#
279 24.1 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 38.75 ng

RT: 16.62 min Scan# 1289

Delta R.T. -0.07 min

Lab File: BF081101.D

Acq: 20 Aug 2015 1:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 329483

Ion Ratio Lower Upper

276 100

277 23.8 18.2 27.2

138 24.5 13.7 20.5#

