

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
 Data File : BF088957.D
 Acq On : 13 Jul 2016 14:30
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 17:03:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	84397	20.00	ng	-0.01
21) Naphthalene-d8	7.99	136	347654	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	162759	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	294650	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	207978	20.00	ng	-0.01
86) Perylene-d12	15.20	264	169804	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	449414	79.81	ng	0.00
7) Phenol-d6	6.35	99	548351	75.36	ng	0.00
23) Nitrobenzene-d5	7.27	82	473104	71.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	138523	91.65	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	840371	81.56	ng	-0.01
78) Terphenyl-d14	12.80	244	812280	86.99	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.20	88	91519	32.78	ng	# 33
3) Pyridine	2.86	79	265520	32.77	ng	94
4) n-Nitrosodimethylamine	2.82	42	106198	34.31	ng	99
6) Aniline	6.36	93	367178	34.63	ng	# 8
8) 2-Chlorophenol	6.48	128	235540	38.92	ng	96
9) Benzaldehyde	6.24	77	150042	30.44	ng	91
10) Phenol	6.36	94	323207	38.92	ng	# 58
11) bis(2-Chloroethyl)ether	6.44	93	237788	38.40	ng	85
12) 1,3-Dichlorobenzene	6.64	146	269953	40.53	ng	97
13) 1,4-Dichlorobenzene	6.72	146	264421	40.00	ng	96
14) 1,2-Dichlorobenzene	6.72	146	264421	42.73	ng	98
15) Benzyl Alcohol	6.84	79	201548	37.64	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.98	45	275988	30.77	ng	68
17) 2-Methylphenol	6.97	107	175849	35.62	ng	# 93
18) Hexachloroethane	7.21	117	104830	41.00	ng	91
19) n-Nitroso-di-n-propylamine	7.13	70	174319	35.67	ng	90
20) 3+4-Methylphenols	7.13	107	245938	41.50	ng	# 78
22) Acetophenone	7.12	105	351366	41.64	ng	# 92
24) Nitrobenzene	7.29	77	292352	43.71	ng	88
25) Isophorone	7.53	82	453265	36.89	ng	95
26) 2-Nitrophenol	7.60	139	116342	42.42	ng	# 91
27) 2,4-Dimethylphenol	7.66	122	221842	38.83	ng	89
28) bis(2-Chloroethoxy)methane	7.75	93	313821	39.24	ng	# 96
29) 2,4-Dichlorophenol	7.85	162	183027	39.64	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	213774	42.19	ng	99
31) Naphthalene	8.01	128	761155	44.41	ng	99
32) Benzoic acid	7.82	122	177881	42.89	ng	91
33) 4-Chloroaniline	8.06	127	291147	38.18	ng	95
34) Hexachlorobutadiene	8.12	225	112997	41.65	ng	98
35) Caprolactam	8.46	113	63925	40.77	ng	# 62
36) 4-Chloro-3-methylphenol	8.56	107	246092	45.07	ng	96
37) 2-Methylnaphthalene	8.70	142	421556	38.20	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	244808	45.22	ng	# 1
40) Hexachlorocyclopentadiene	8.86	237	101341	38.14	ng	98

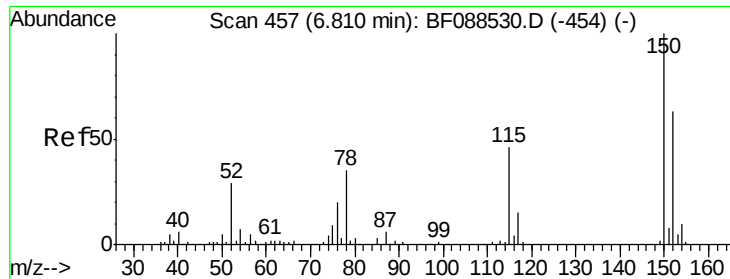
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	143975	40.34	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	135469	44.11	nq	99
45) 1,1'-Biphenyl	9.16	154	569148	42.23	nq	98
46) 2-Chloronaphthalene	9.19	162	451738	42.70	nq	99
47) 2-Nitroaniline	9.28	65	138929	37.00	nq	96
48) Acenaphthylene	9.60	152	695017	41.28	nq	99
49) Dimethylphthalate	9.47	163	461394	39.79	nq	100
50) 2,6-Dinitrotoluene	9.53	165	103001	40.08	nq	# 56
51) Acenaphthene	9.77	154	402691	39.02	nq	98
52) 3-Nitroaniline	9.70	138	140664	43.06	nq	86
53) 2,4-Dinitrophenol	9.80	184	61743	54.41	nq	# 88
54) Dibenzofuran	9.94	168	558680	41.36	nq	# 88
55) 4-Nitrophenol	9.87	139	106118	42.74	nq	# 83
56) 2,4-Dinitrotoluene	9.93	165	130024	38.70	nq	# 47
57) Fluorene	10.28	166	489313	47.01	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	97384	40.99	nq	# 52
59) Diethylphthalate	10.17	149	504162	43.32	nq	99
60) 4-Chlorophenyl-phenylether	10.27	204	182211	37.68	nq	# 84
61) 4-Nitroaniline	10.31	138	117860	37.49	nq	80
62) Azobenzene	10.43	77	468046	35.26	nq	94
64) 4,6-Dinitro-2-methylphenol	10.34	198	79362	50.36	nq	88
65) n-Nitrosodiphenylamine	10.40	169	404204	40.53	nq	100
66) 4-Bromophenyl-phenylether	10.76	248	130418	43.92	nq	# 89
67) Hexachlorobenzene	10.83	284	144767	44.04	nq	# 72
68) Atrazine	10.92	200	115832	37.28	nq	90
69) Pentachlorophenol	11.03	266	77545	39.86	nq	97
70) Phenanthrene	11.23	178	564193	35.03	nq	99
71) Anthracene	11.29	178	714944	44.64	nq	99
72) Carbazole	11.44	167	558586	37.06	nq	99
73) Di-n-butylphthalate	11.78	149	667928	38.09	nq	99
74) Fluoranthene	12.42	202	677711	41.50	nq	91
76) Benzidine	12.55	184	508052	48.33	nq	98
77) Pyrene	12.64	202	622774	35.32	nq	100
79) Butylbenzylphthalate	13.27	149	265123	33.71	nq	# 72
80) Benzo(a)anthracene	13.83	228	497999	37.19	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	172937	34.35	nq	# 97
82) Chrysene	13.86	228	430054	32.46	nq	98
83) Bis(2-ethylhexyl)phthalate	13.84	149	368677	41.05	nq	# 97
84) Di-n-octyl phthalate	14.45	149	604058	39.59	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.49	276	397435	38.99	nq	# 100
87) Benzo(b)fluoranthene	14.86	252	813513	76.37	nq	98
88) Benzo(k)fluoranthene	14.86	252	813513	87.73	nq	# 96
89) Benzo(a)pyrene	15.15	252	376945	41.80	nq	# 94
90) Dibenzo(a,h)anthracene	16.50	278	341926	45.40	nq	99
91) Benzo(g,h,i)perylene	16.88	276	349133	44.80	nq	96

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

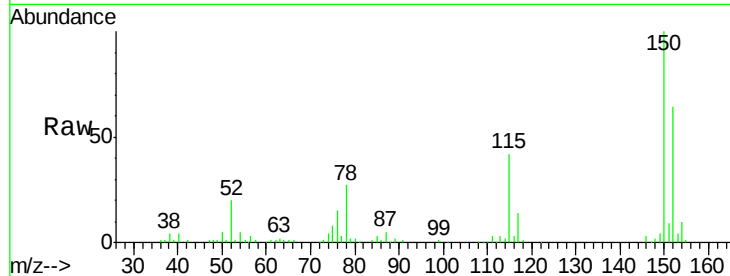


#1

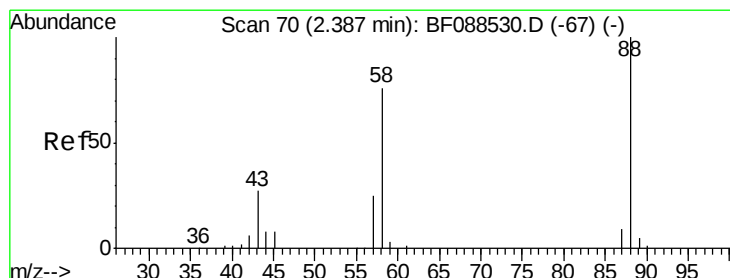
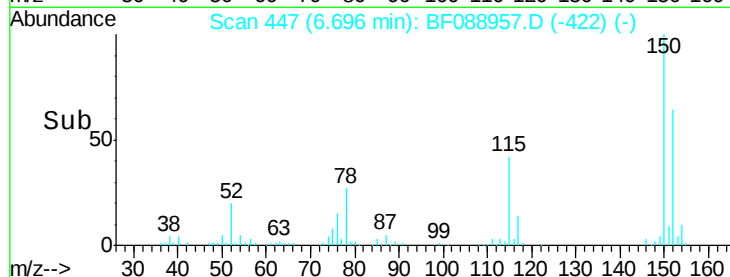
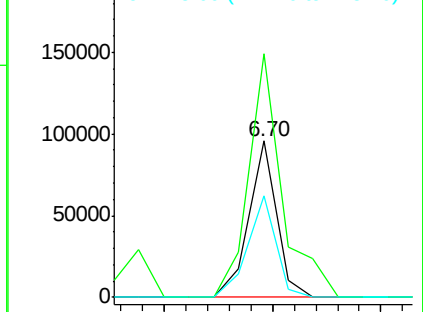
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84397
Ion Ratio Lower Upper
152 100
150 156.0 123.8 185.6
115 65.4 39.6 59.4#



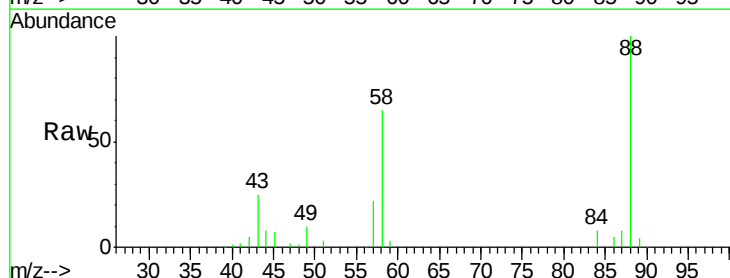
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



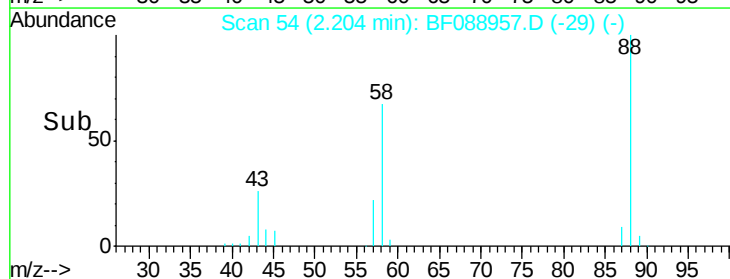
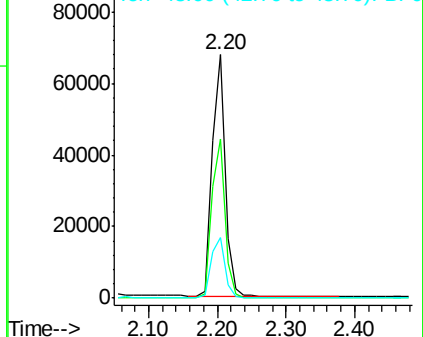
#2

1,4-Dioxane
Concen: 32.78 ng
RT: 2.20 min Scan# 54
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Tgt Ion: 88 Resp: 91519
Ion Ratio Lower Upper
88 100
58 66.0 0.0 0.0#
43 26.3 3.4 5.2#



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: 32.77 ng

RT: 2.86 min Scan# 111

Delta R.T. -0.02 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_F

ClientSampleId :

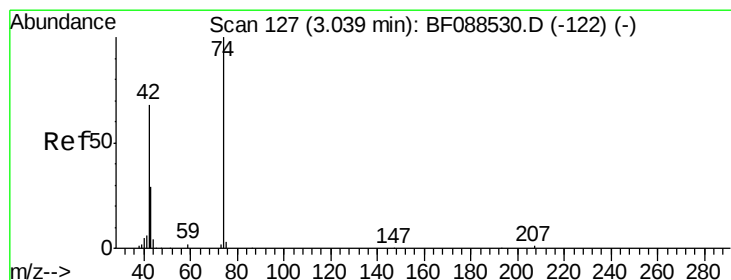
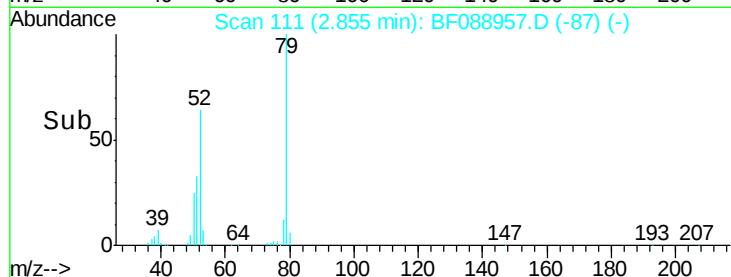
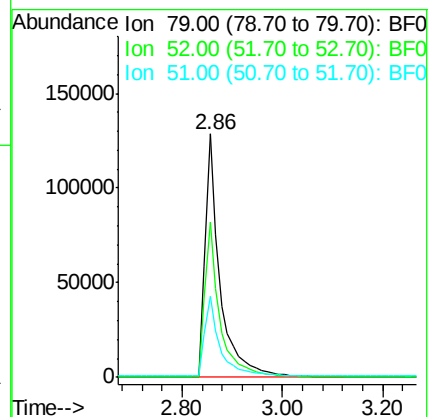
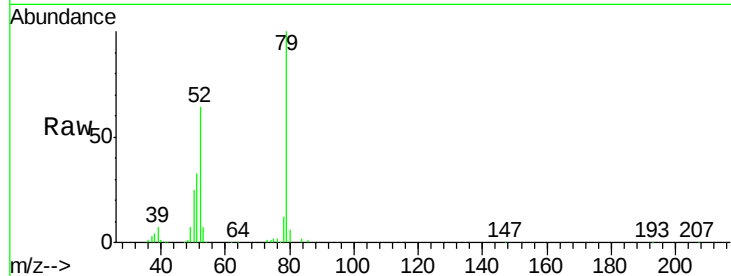
Tot Ion: 79 Resp: 265520

Ion Ratio Lower Upper

79 100

52 63.8 56.3 84.5

51 33.4 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 34.31 ng

RT: 2.82 min Scan# 108

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

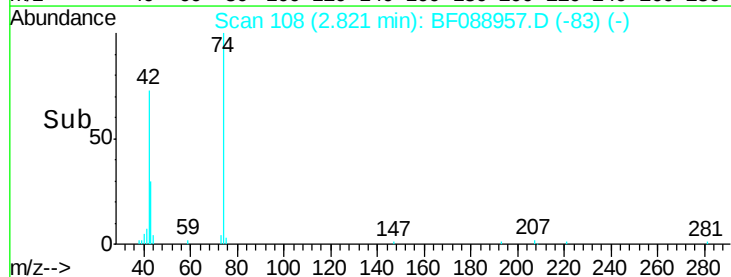
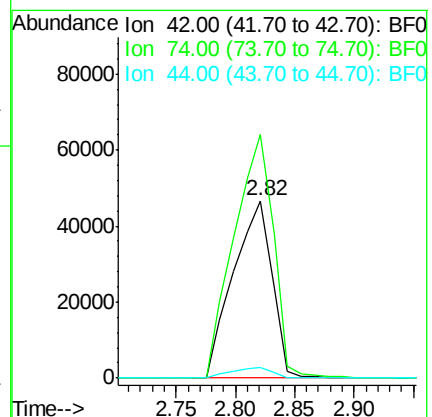
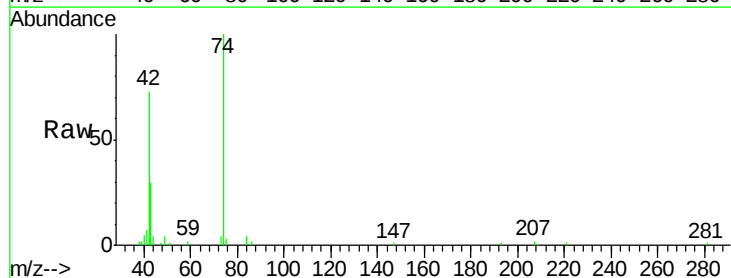
Tgt Ion: 42 Resp: 106198

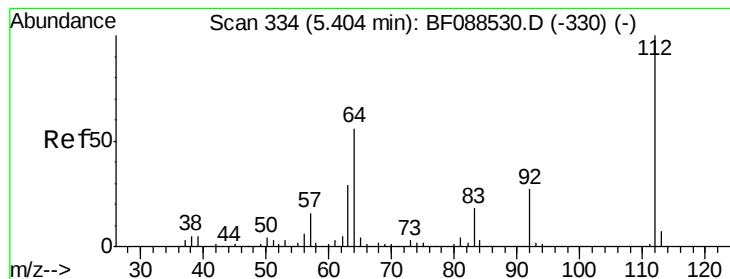
Ion Ratio Lower Upper

42 100

74 137.5 108.6 163.0

44 6.0 5.5 8.3





#5

2-Fluorophenol

Concen: 79.81 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF088957.D

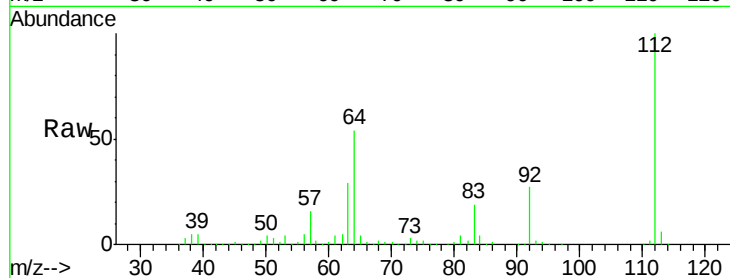
Acq: 13 Jul 2016 14:30

Instrument :

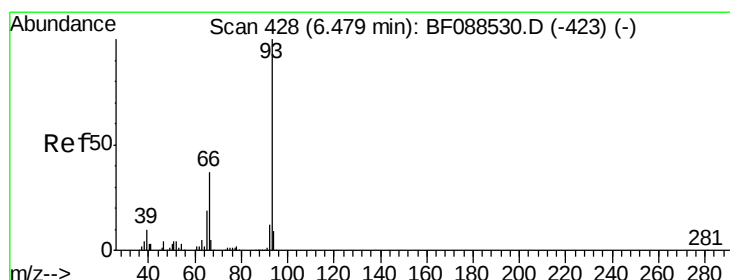
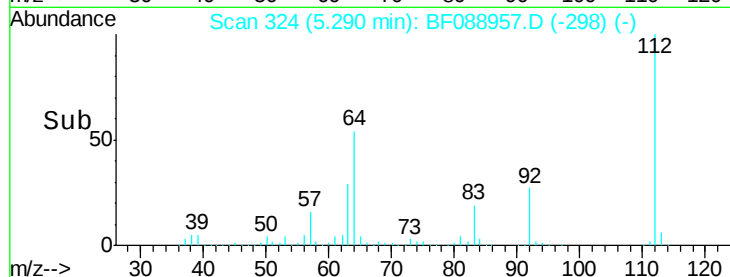
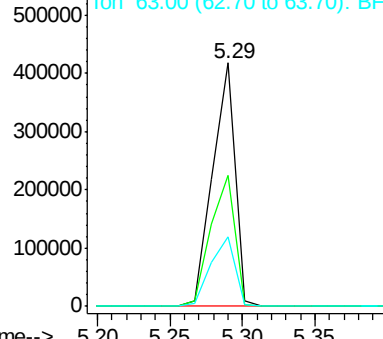
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	449414
Ion Ratio	Lower	Upper	
112	100		
64	53.7	42.2	63.2
63	28.8	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 34.63 ng

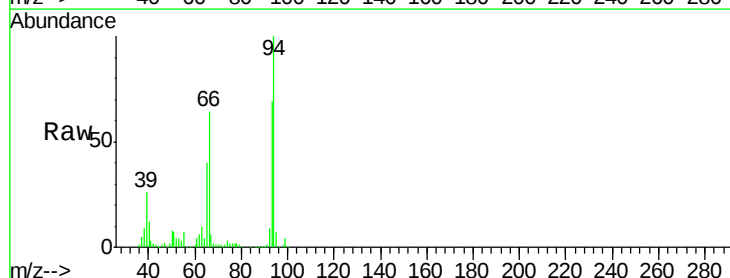
RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

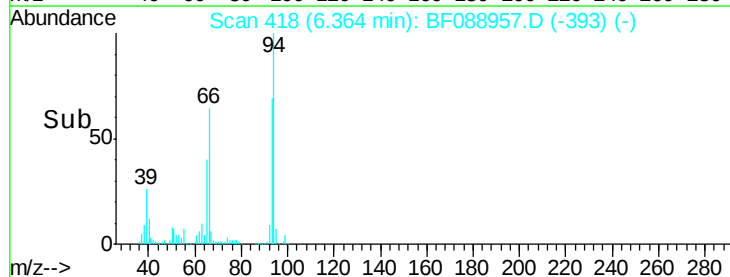
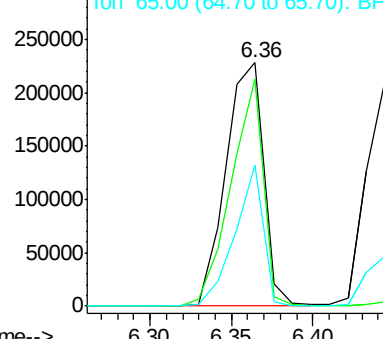
Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

Tgt Ion:	93	Resp:	367178
Ion Ratio	Lower	Upper	
93	100		
66	93.3	29.8	44.8#
65	58.1	14.9	22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 75.36 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_F

ClientSampleId :

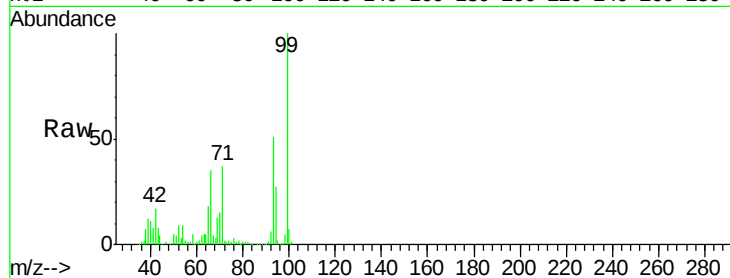
Tot Ion: 99 Resp: 548351

Ion Ratio Lower Upper

99 100

42 17.2 12.2 18.2

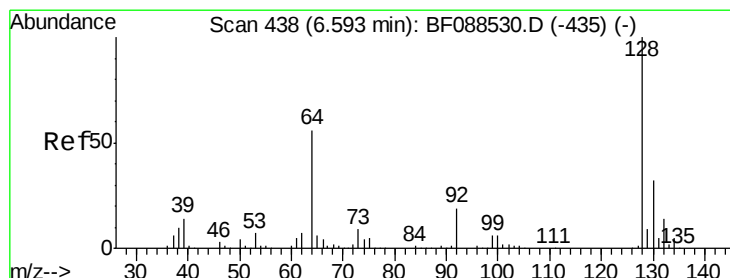
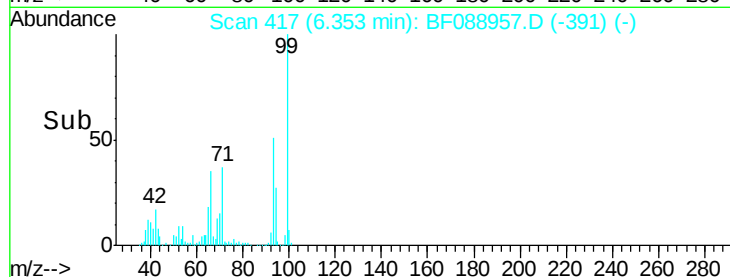
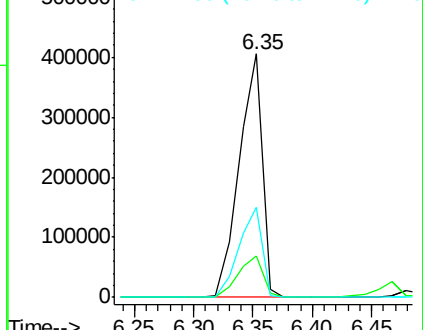
71 36.9 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.92 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

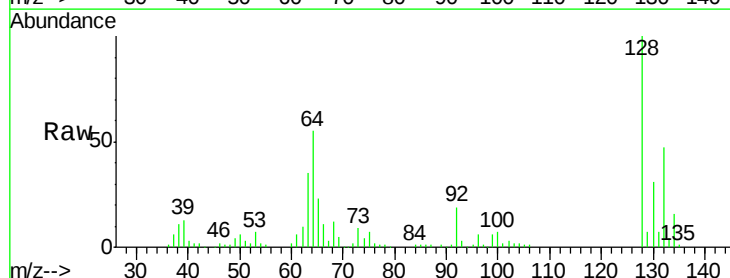
Tgt Ion: 128 Resp: 235540

Ion Ratio Lower Upper

128 100

130 31.4 12.0 52.0

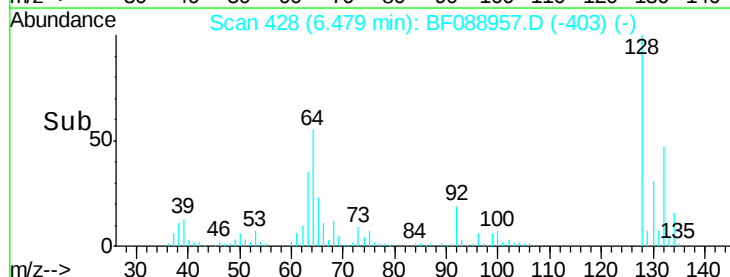
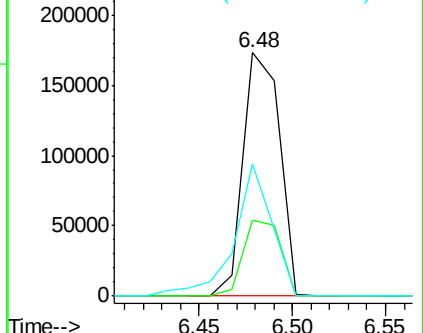
64 54.6 30.8 70.8



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: 30.44 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_F

ClientSampleId :

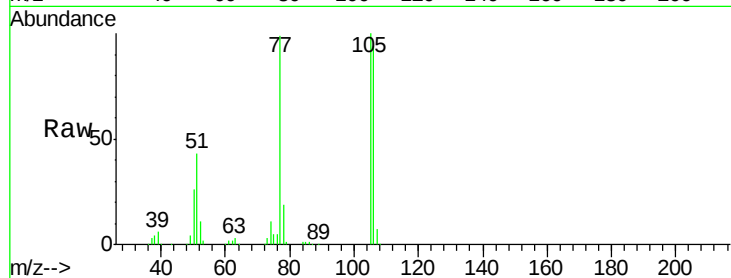
Tot Ion: 77 Resp: 150042

Ion Ratio Lower Upper

77 100

105 101.5 90.6 130.6

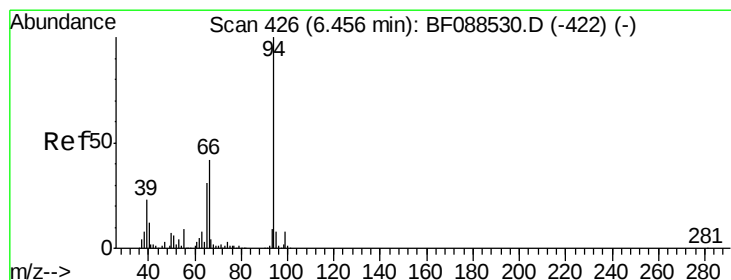
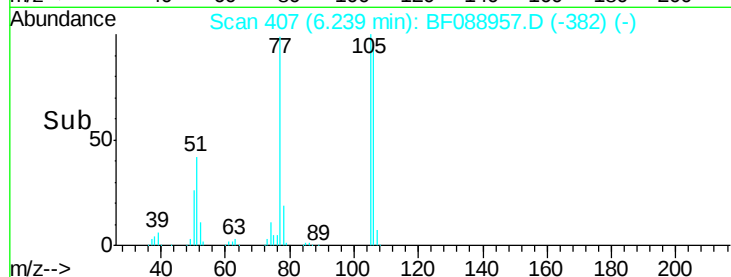
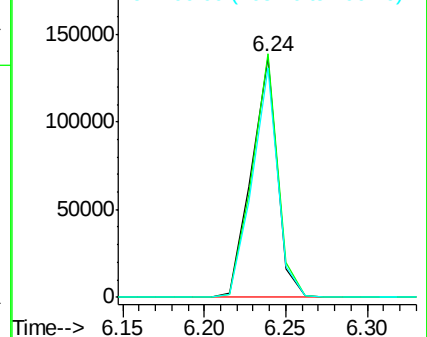
106 95.4 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.92 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

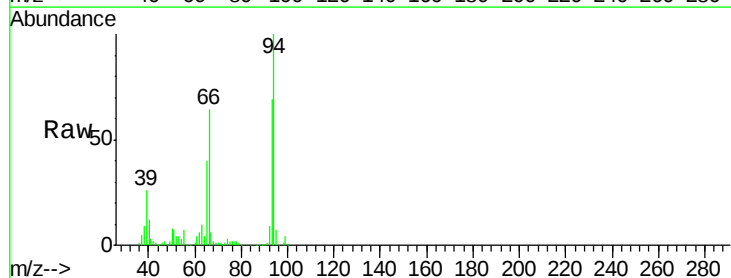
Tgt Ion: 94 Resp: 323207

Ion Ratio Lower Upper

94 100

65 40.0 5.9 45.9

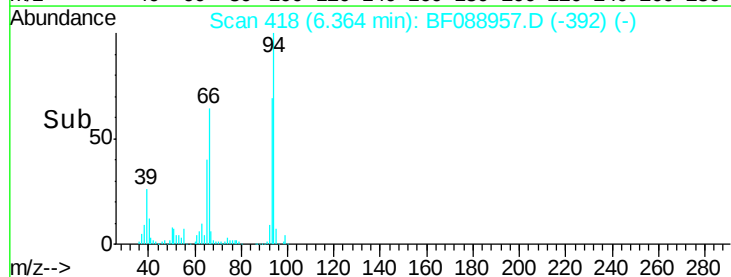
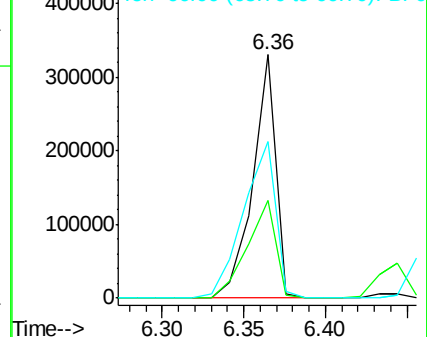
66 64.3 14.0 54.0#



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

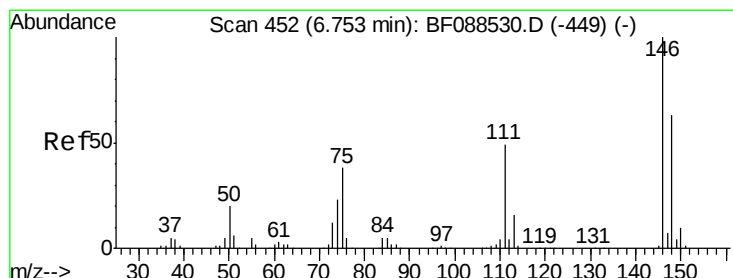
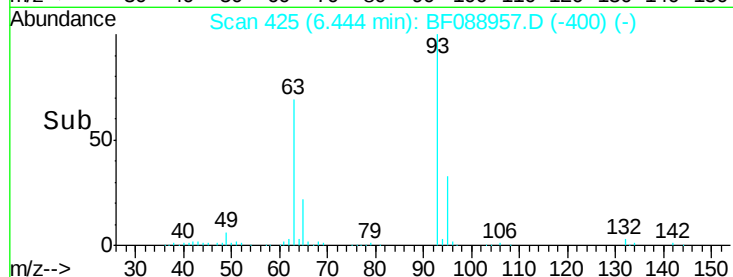
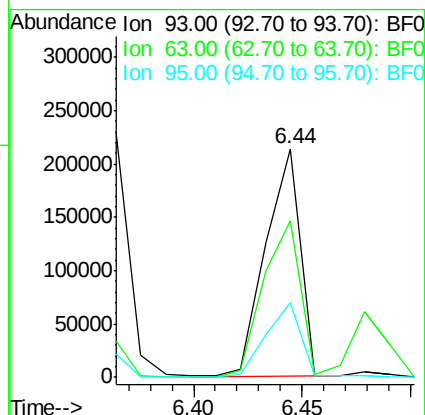
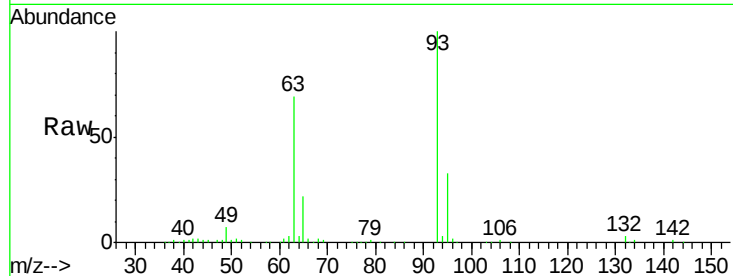




#11
bis(2-Chloroethyl)ether
Concen: 38.40 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

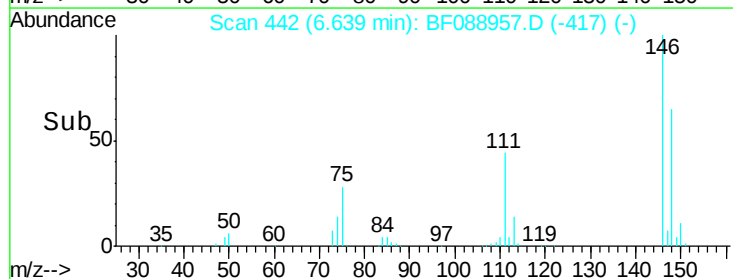
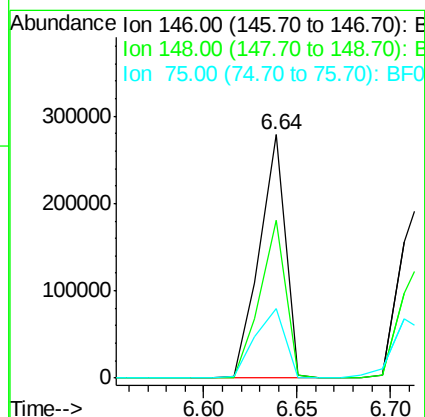
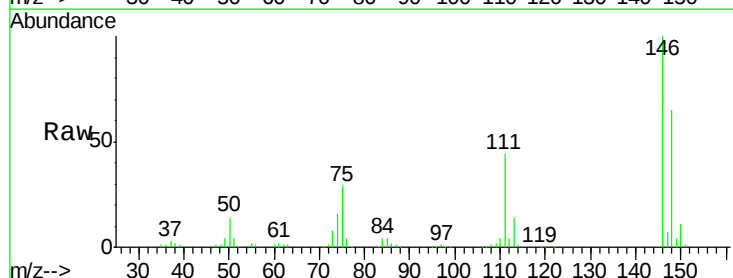
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 237788
Ion Ratio Lower Upper
93 100
63 68.6 67.6 107.6
95 32.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 40.53 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Tgt Ion: 146 Resp: 269953
Ion Ratio Lower Upper
146 100
148 64.8 50.9 76.3
75 28.7 25.6 38.4

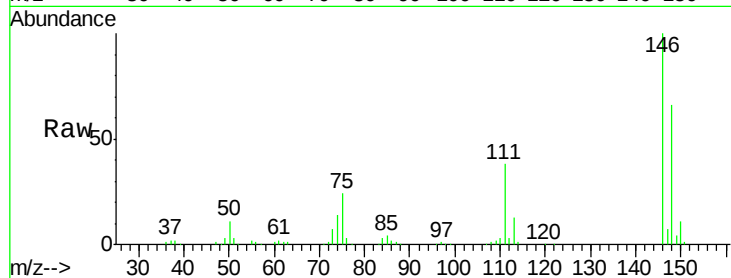




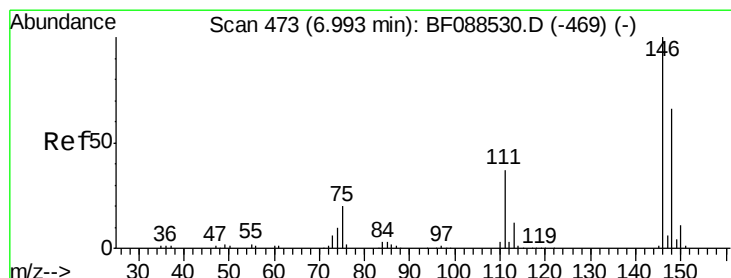
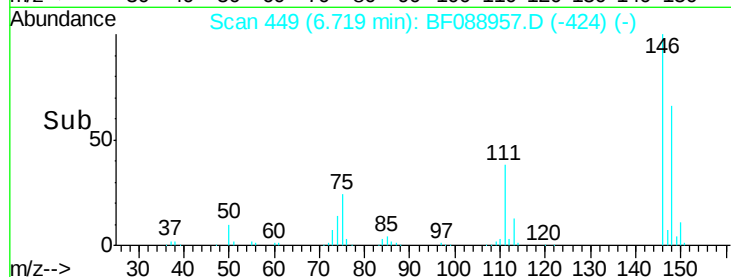
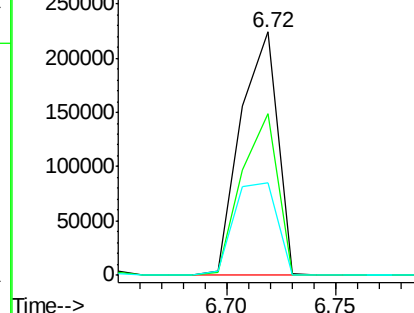
#13
 1,4-Dichlorobenzene
 Concen: 40.00 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF088957.D
 Acq: 13 Jul 2016 14:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 264421
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.0 78.0
 111 38.2 33.8 50.8

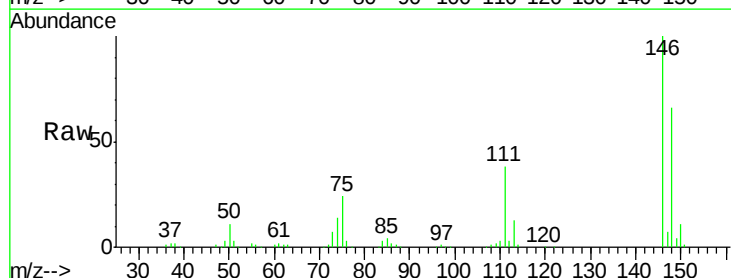


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

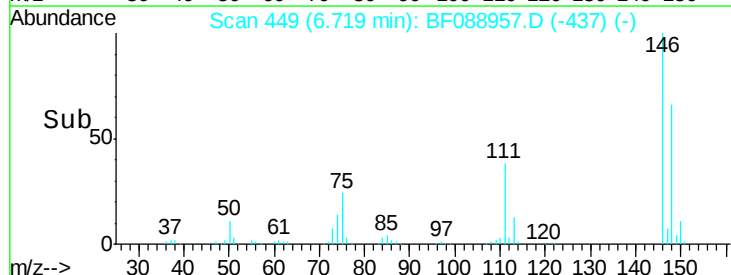
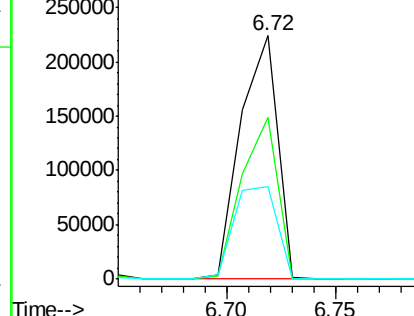


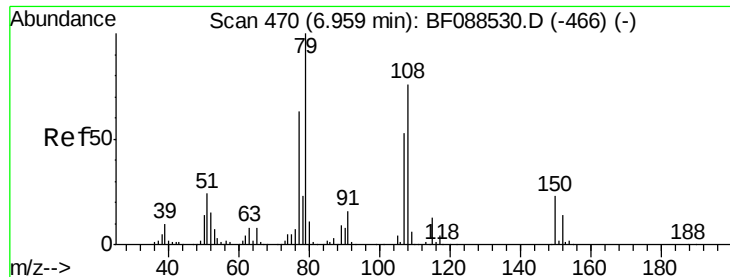
#14
 1,2-Dichlorobenzene
 Concen: 42.73 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.16 min
 Lab File: BF088957.D
 Acq: 13 Jul 2016 14:30

Tgt Ion:146 Resp: 264421
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.3 78.5
 111 38.2 28.7 43.1



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: 37.64 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_F

ClientSampleId :

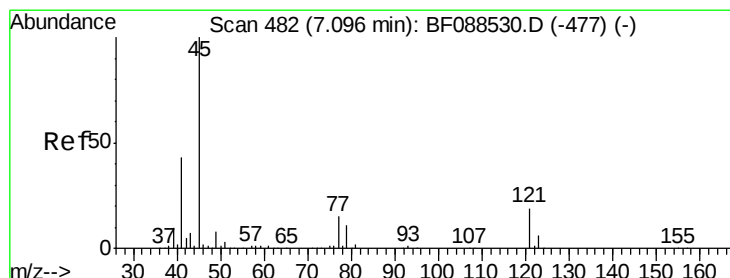
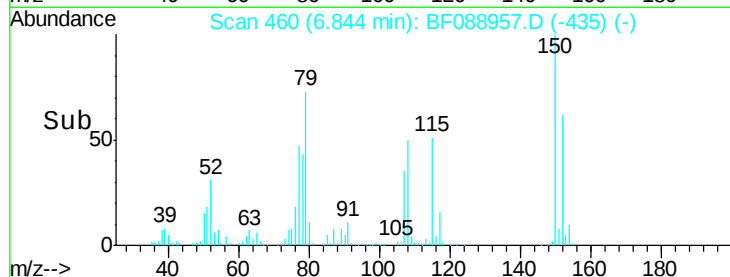
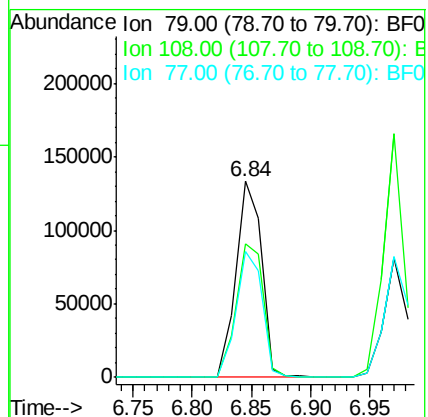
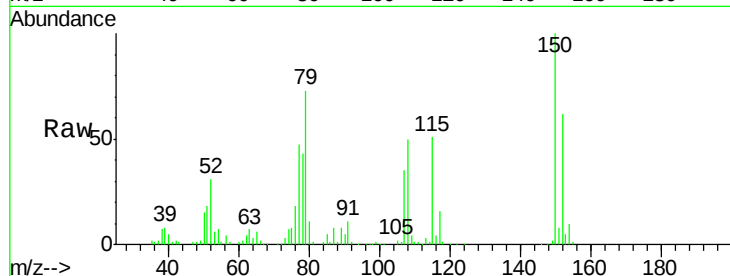
Tot Ion: 79 Resp: 201548

Ion Ratio Lower Upper

79 100

108 68.1 65.0 97.6

77 63.9 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.77 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

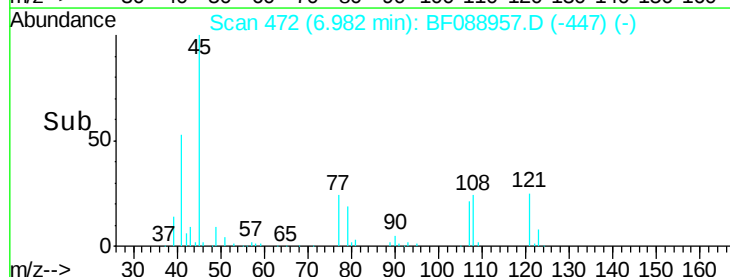
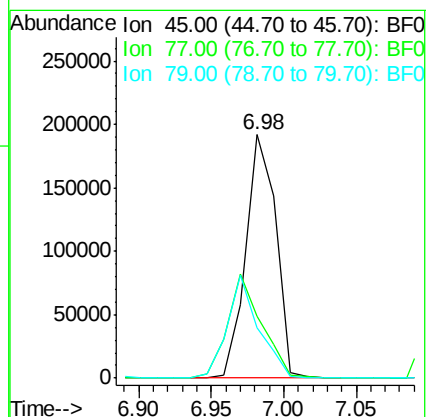
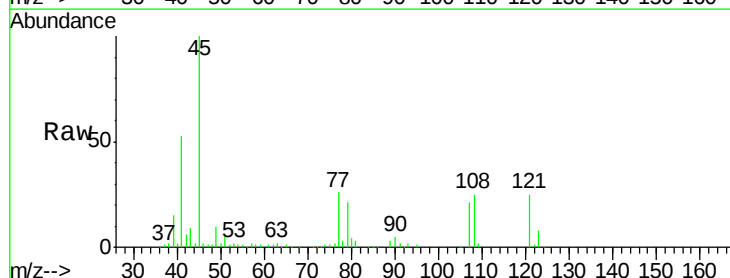
Tgt Ion: 45 Resp: 275988

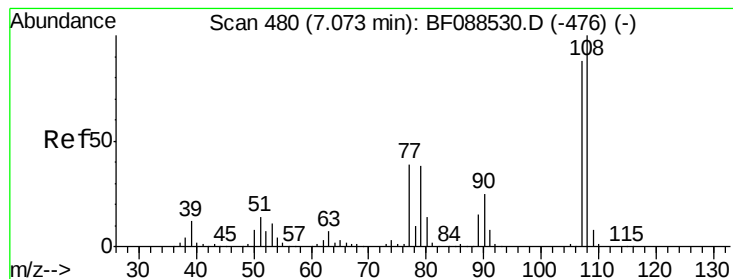
Ion Ratio Lower Upper

45 100

77 25.7 0.0 32.5

79 20.6 0.0 29.5

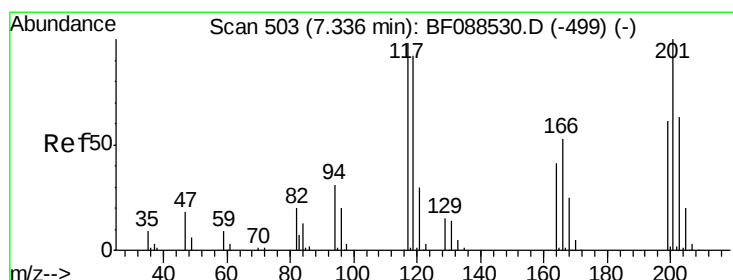
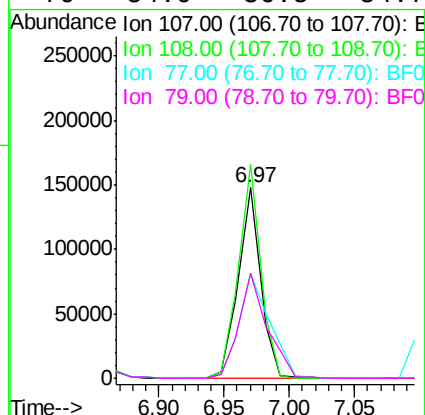
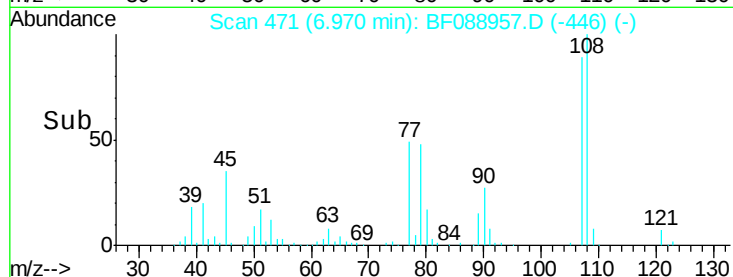
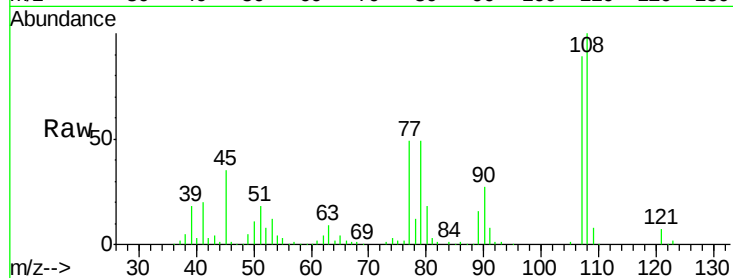




#17
2-Methylphenol
Concen: 35.62 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

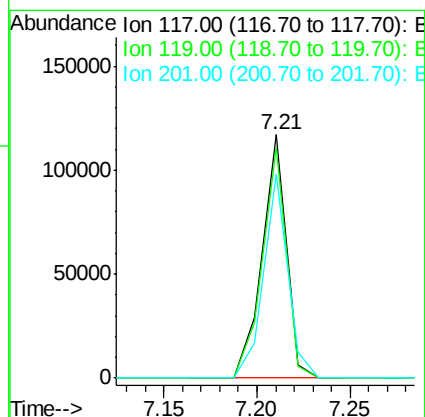
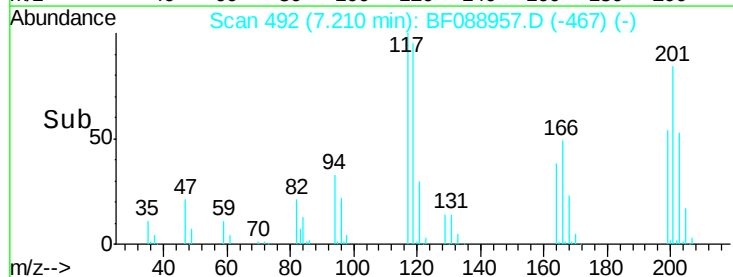
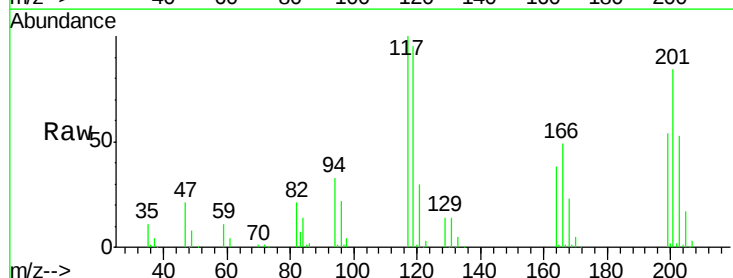
Instrument :
BNA_F
ClientSampleId :

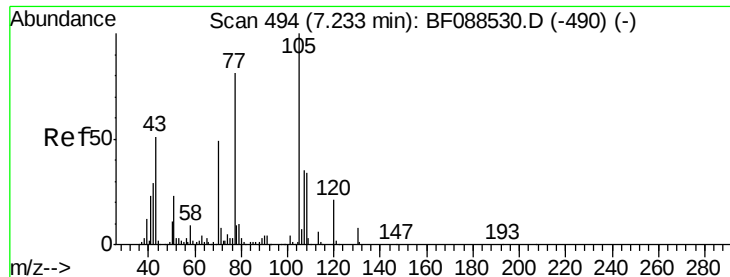
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.9	136.3
77	55.5	36.6	55.0#
79	54.9	36.5	54.7#



#18
Hexachloroethane
Concen: 41.00 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.4	116.2
201	84.0	80.4	120.6

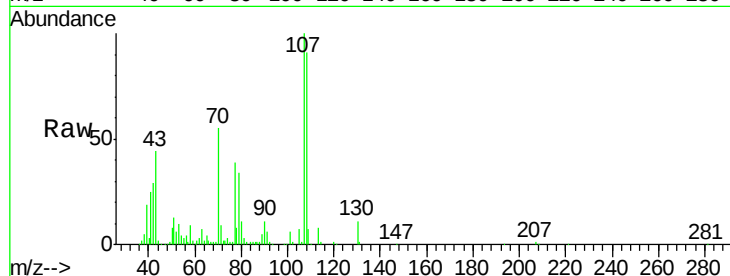




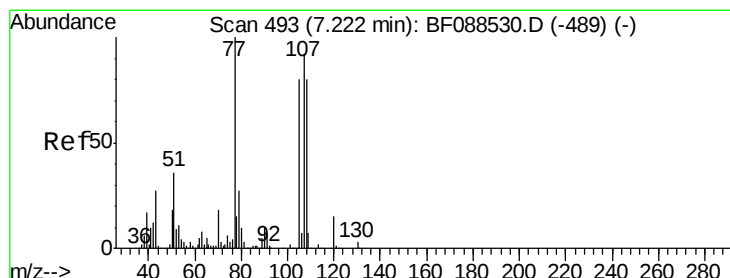
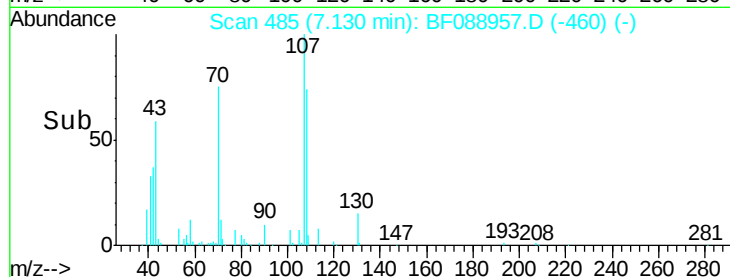
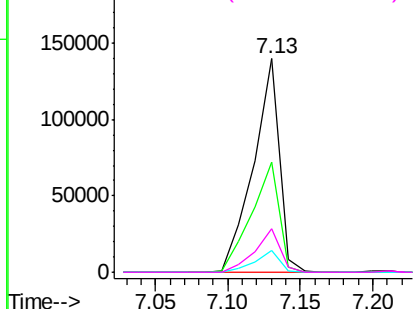
#19
n-Nitroso-di-n-propylamine
Concen: 35.67 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 174319
Ion Ratio Lower Upper
70 100
42 51.7 49.6 74.4
101 10.0 7.1 10.7
130 20.1 15.4 23.2

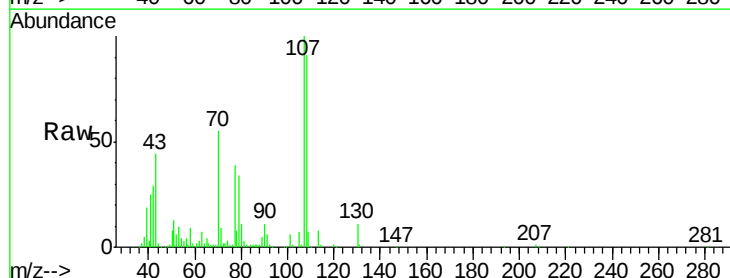


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

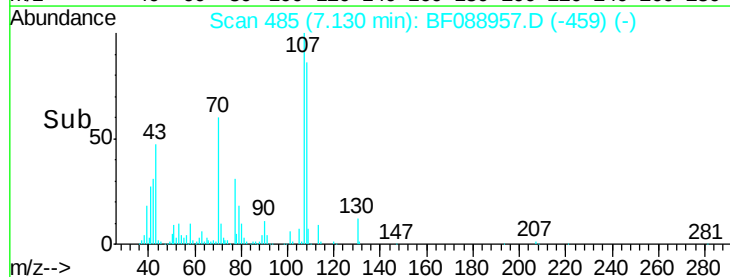
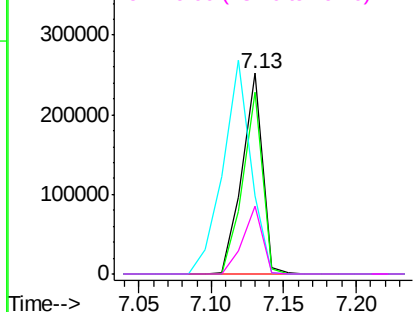


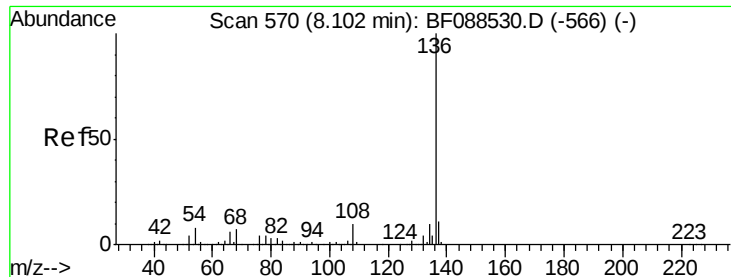
#20
3+4-Methylphenols
Concen: 41.50 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Tgt Ion:107 Resp: 245938
Ion Ratio Lower Upper
107 100
108 90.7 67.8 107.8
77 38.6 59.3 99.3#
79 33.9 7.0 47.0



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

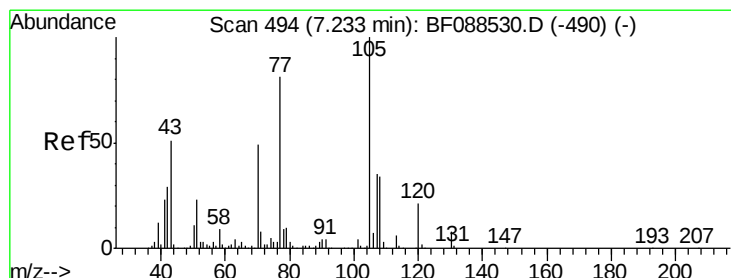
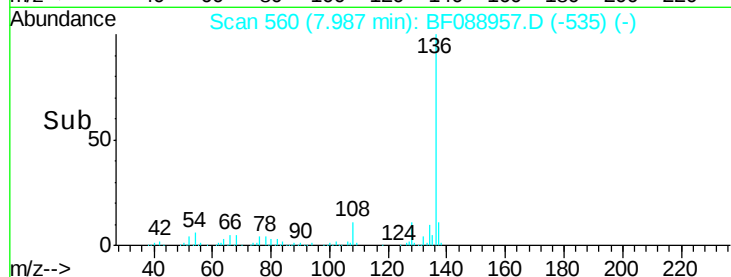
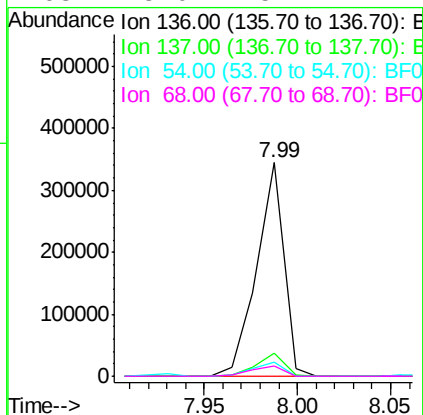
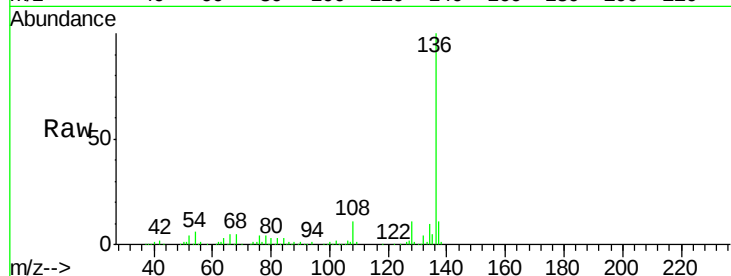




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

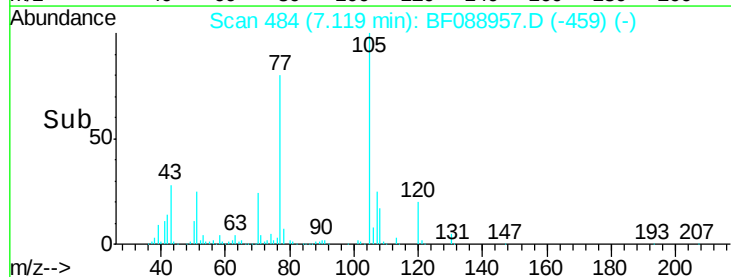
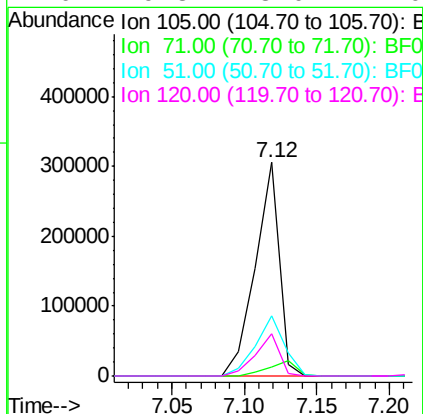
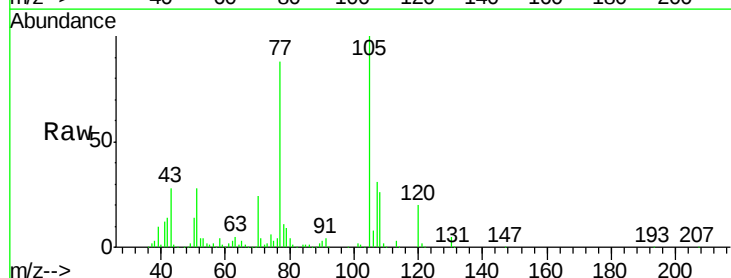
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	347654
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.1 13.7
54	6.3	6.6 10.0#
68	5.0	5.1 7.7#



#22
Acetophenone
Concen: 41.64 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Tgt Ion:105	Resp:	351366
Ion Ratio	Lower	Upper
105	100	
71	4.1	5.3 7.9#
51	28.4	18.2 27.4#
120	19.8	18.0 27.0

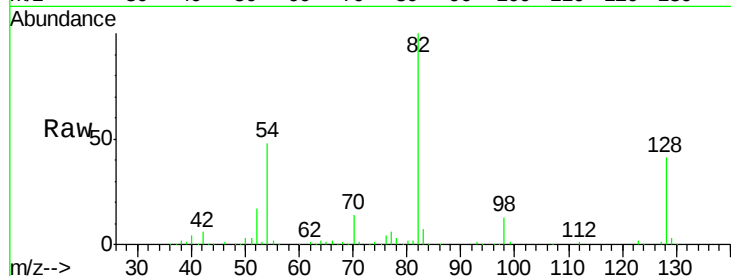




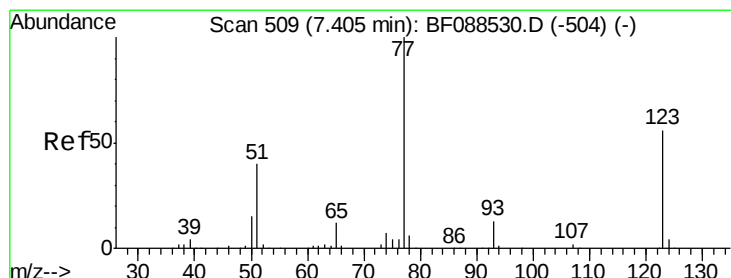
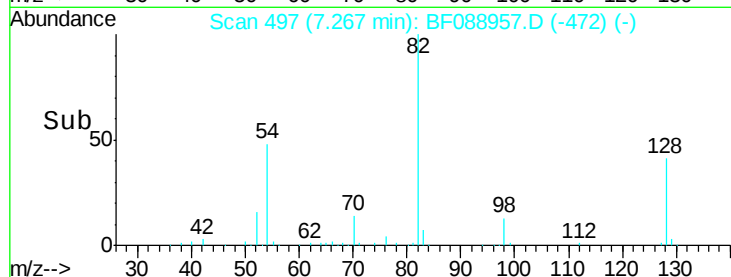
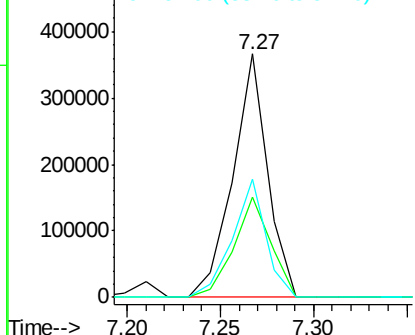
#23
Nitrobenzene-d5
Concen: 71.31 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 473104
Ion Ratio Lower Upper
82 100
128 41.4 35.9 53.9
54 48.4 40.9 61.3

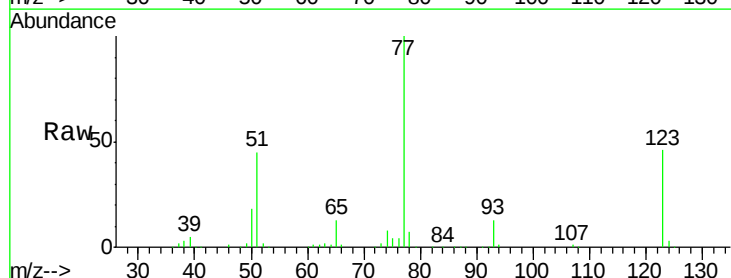


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

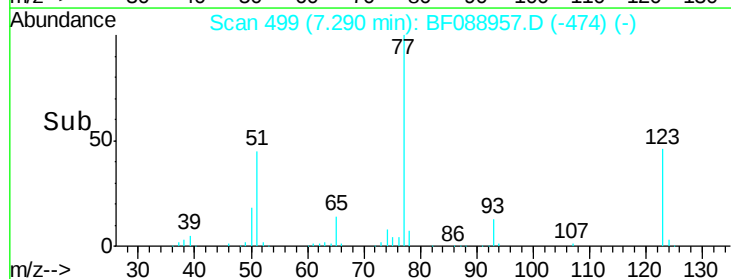
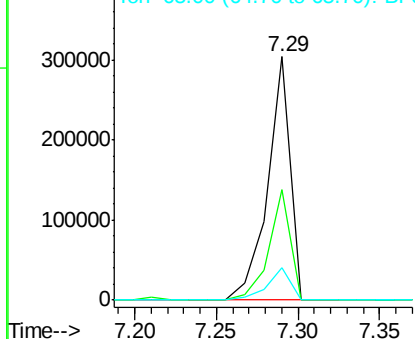


#24
Nitrobenzene
Concen: 43.71 ng
RT: 7.29 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Tgt Ion: 77 Resp: 292352
Ion Ratio Lower Upper
77 100
123 45.6 45.0 67.4
65 13.5 10.2 15.2



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





#25

Isophorone

Concen: 36.89 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_F

ClientSampleId :

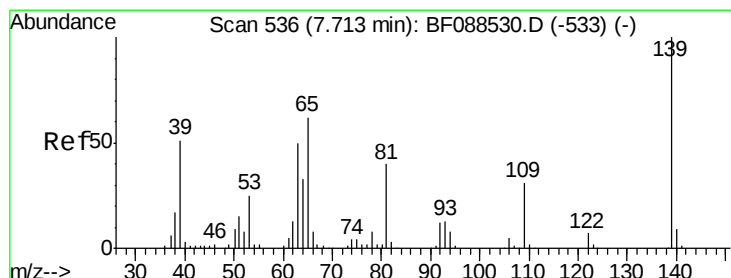
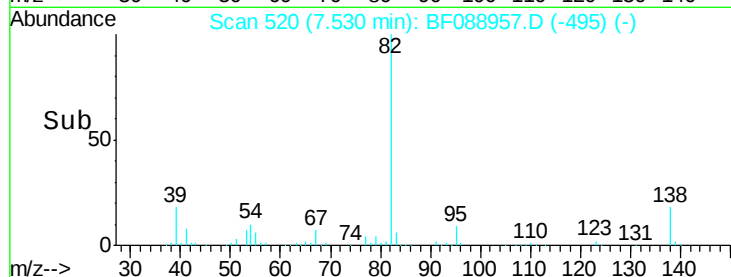
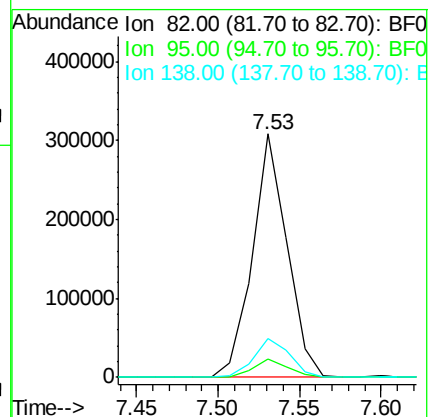
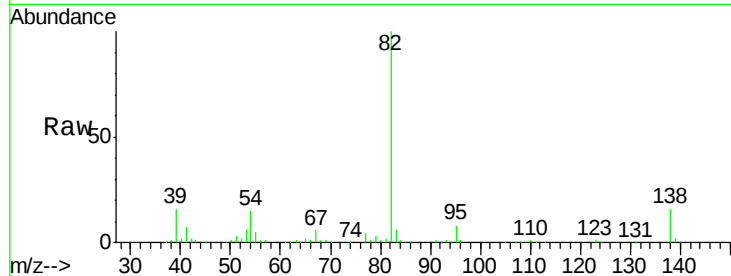
Tot Ion: 82 Resp: 453265

Ion Ratio Lower Upper

82 100

95 7.6 5.4 8.2

138 15.7 14.6 21.8



#26

2-Nitrophenol

Concen: 42.42 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

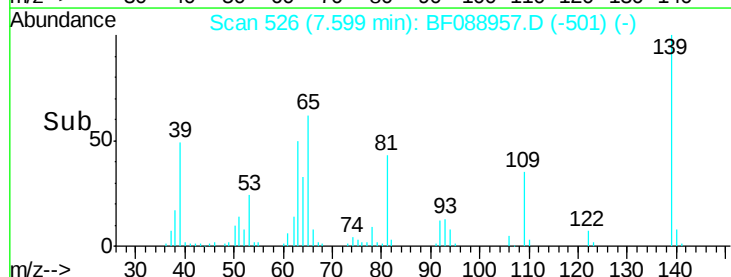
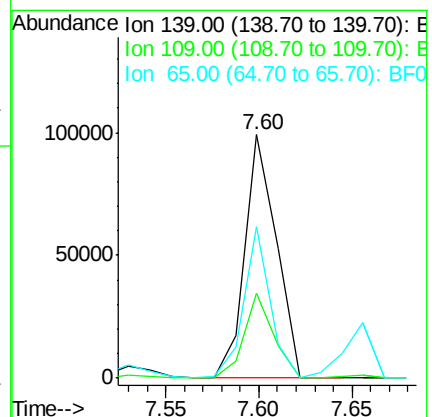
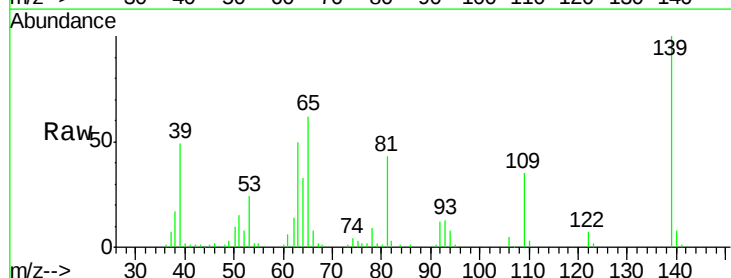
Tgt Ion: 139 Resp: 116342

Ion Ratio Lower Upper

139 100

109 35.0 23.0 34.4#

65 62.5 45.8 68.8





#27

2,4-Dimethylphenol

Concen: 38.83 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_F

ClientSampleId :

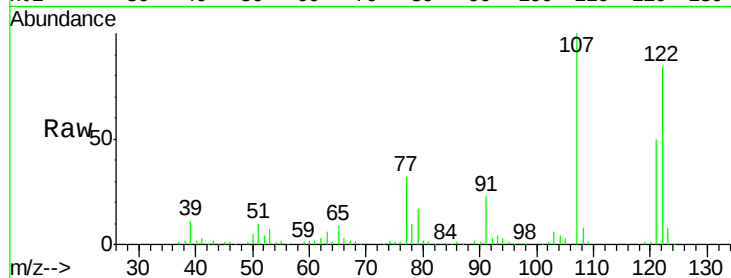
Tot Ion:122 Resp: 221842

Ion Ratio Lower Upper

122 100

107 119.0 82.4 123.6

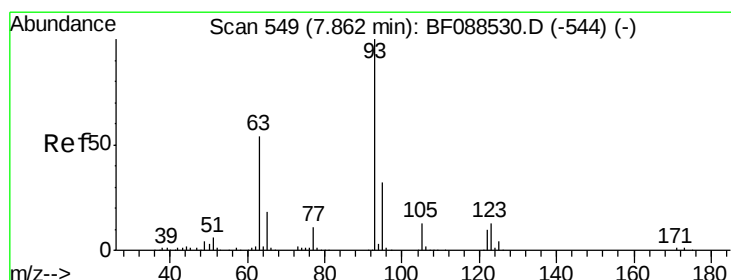
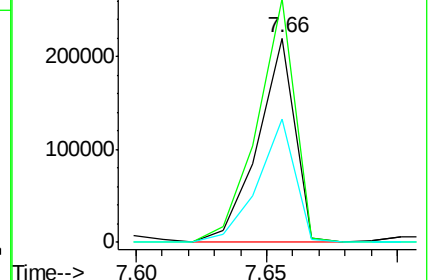
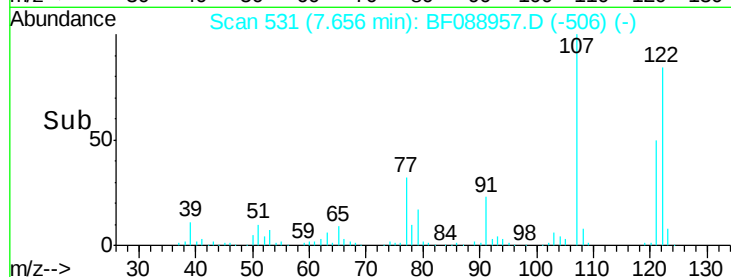
121 60.1 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.24 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

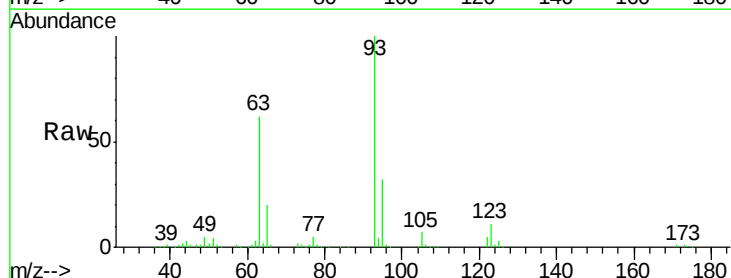
Tgt Ion: 93 Resp: 313821

Ion Ratio Lower Upper

93 100

95 32.1 26.5 39.7

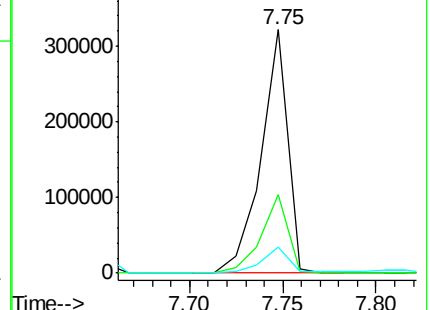
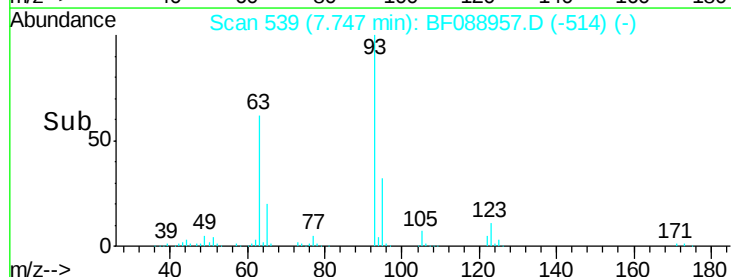
123 10.6 11.6 17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

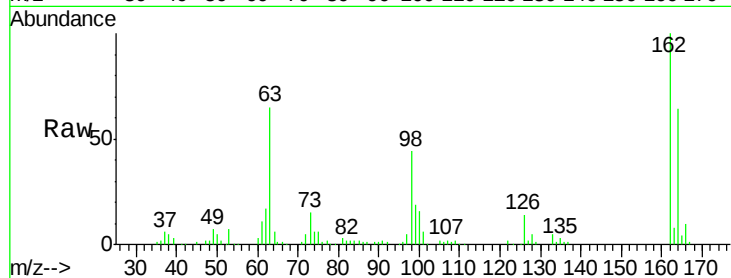




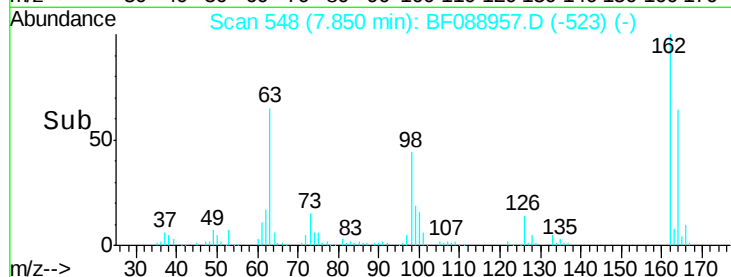
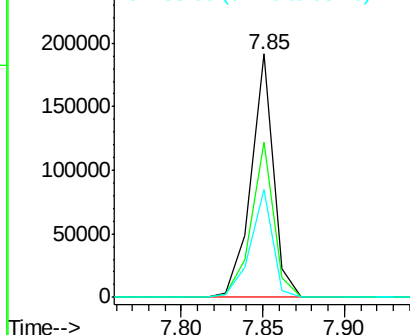
#29
 2,4-Dichlorophenol
 Concen: 39.64 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF088957.D
 Acq: 13 Jul 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 183027
 Ion Ratio Lower Upper
 162 100
 164 63.9 43.8 83.8
 98 44.3 21.3 61.3

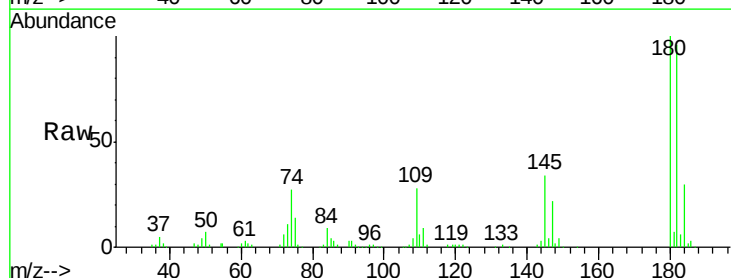


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

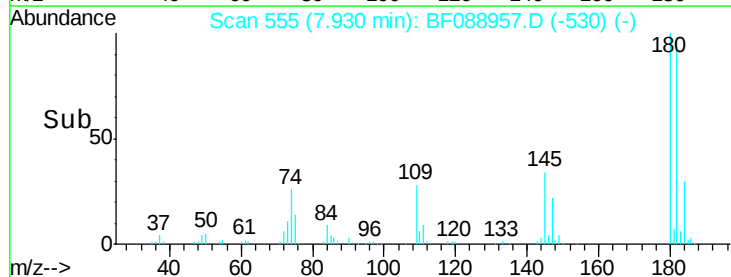
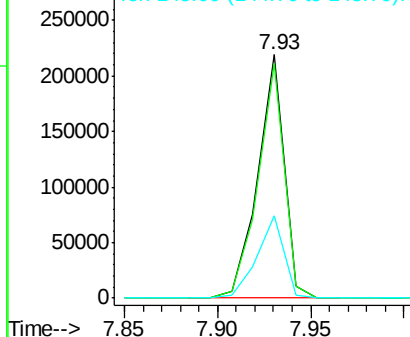


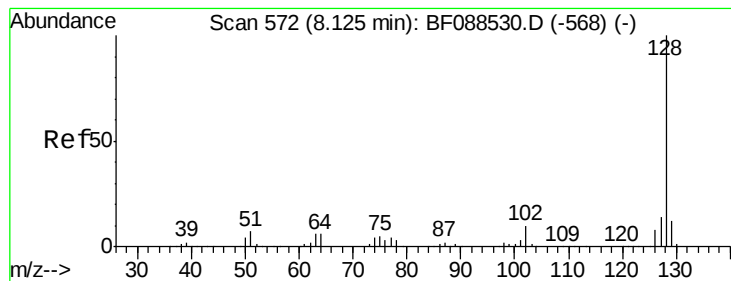
#30
 1,2,4-Trichlorobenzene
 Concen: 42.19 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF088957.D
 Acq: 13 Jul 2016 14:30

Tgt Ion:180 Resp: 213774
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.0 114.0
 145 33.8 26.5 39.7



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

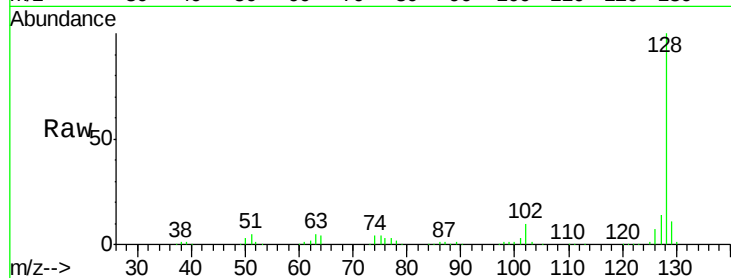




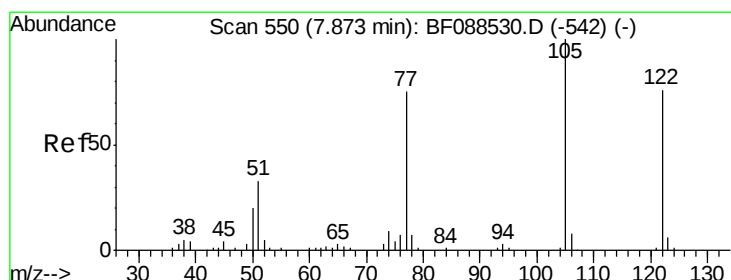
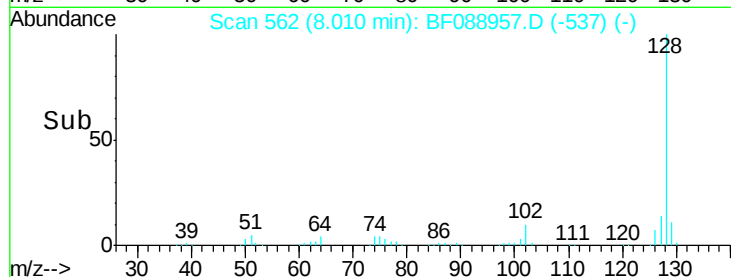
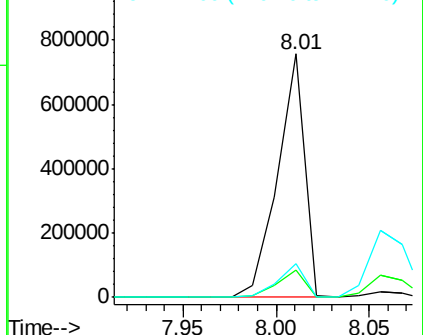
#31
Naphthalene
Concen: 44.41 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 761155
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 13.7 10.9 16.3

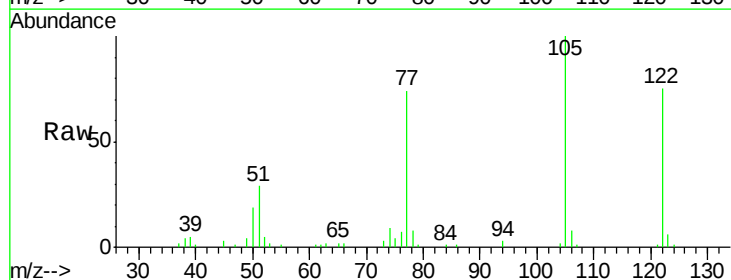


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

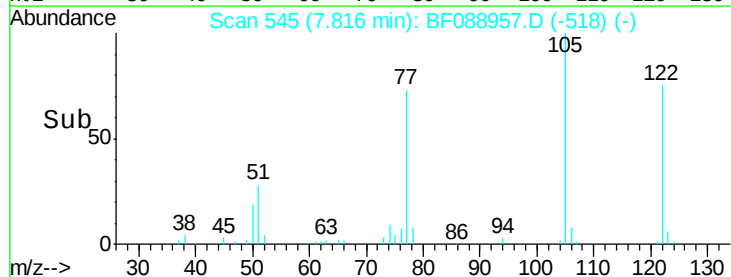
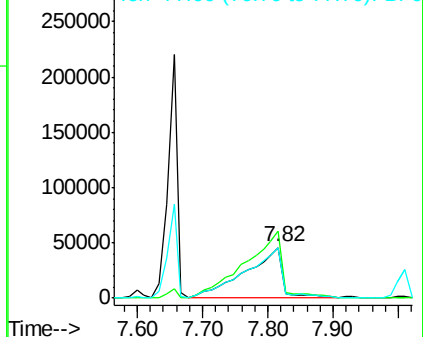


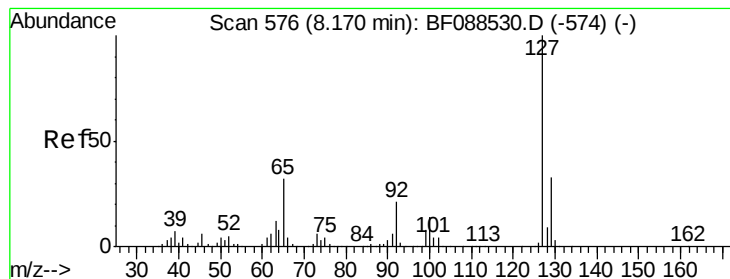
#32
Benzoic acid
Concen: 42.89 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Tgt Ion:122 Resp: 177881
Ion Ratio Lower Upper
122 100
105 132.7 101.6 141.6
77 98.4 70.6 110.6



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: 38.18 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 291147

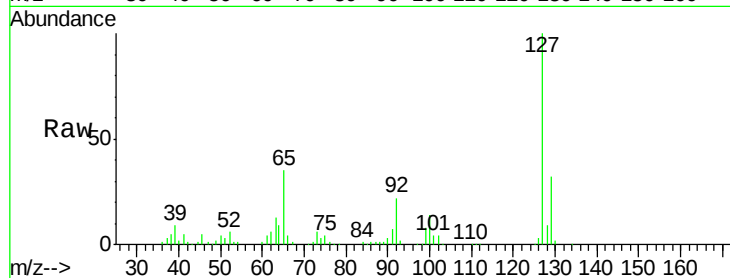
Ion Ratio Lower Upper

127 100

129 32.3 26.3 39.5

65 35.5 24.7 37.1

92 22.4 15.4 23.0

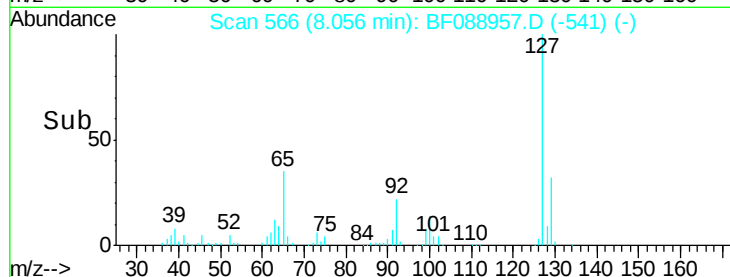


Abundance Ion 127.00 (126.70 to 127.70): E

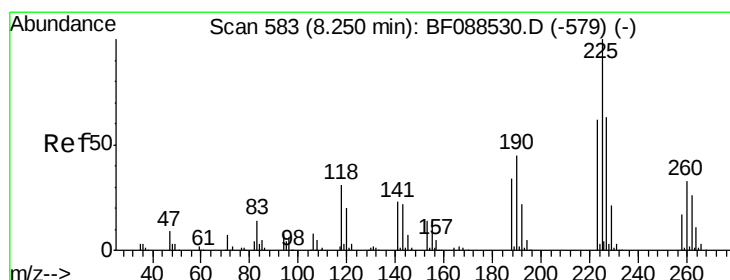
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 41.65 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

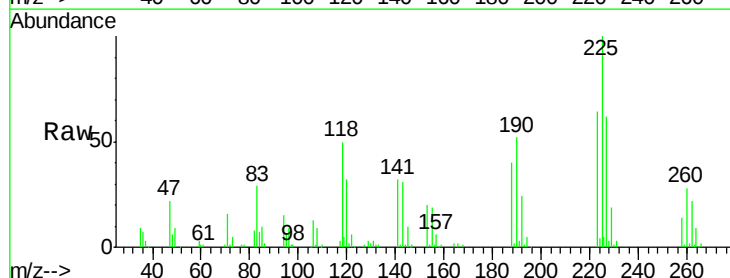
Tgt Ion:225 Resp: 112997

Ion Ratio Lower Upper

225 100

223 63.9 50.9 76.3

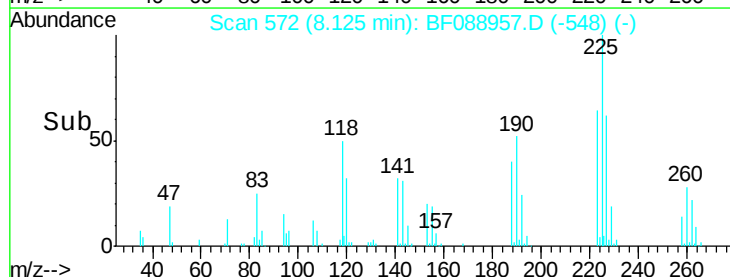
227 62.5 51.9 77.9



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



Time-->



#35

Caprolactam

Concen: 40.77 ng

RT: 8.46 min Scan# 601

Delta R.T. 0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_F

ClientSampleId :

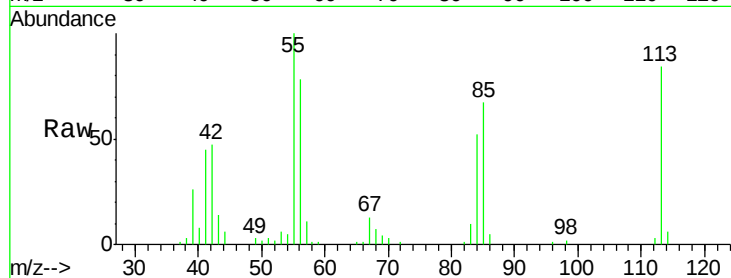
Tot Ion:113 Resp: 63925

Ion Ratio Lower Upper

113 100

55 119.7 158.6 198.6#

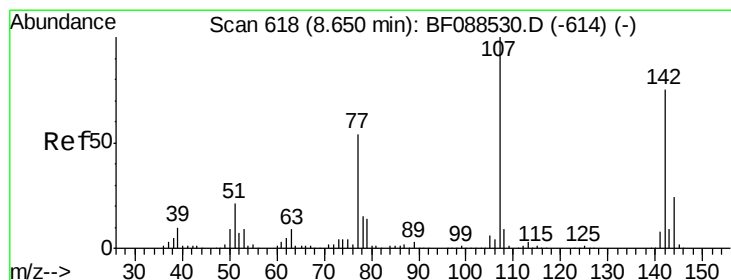
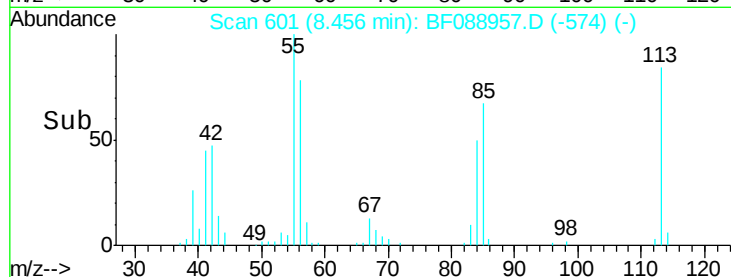
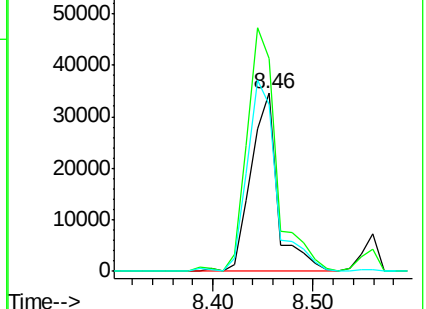
56 93.5 110.6 150.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.07 ng

RT: 8.56 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

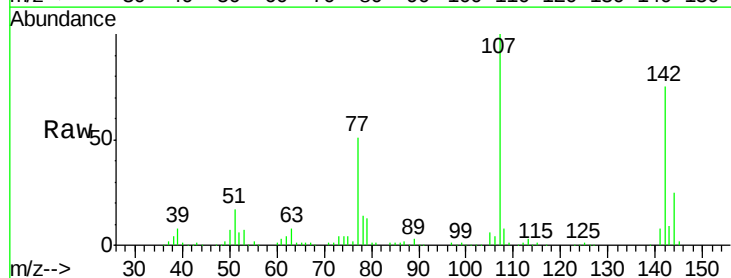
Tgt Ion:107 Resp: 246092

Ion Ratio Lower Upper

107 100

144 24.8 20.8 31.2

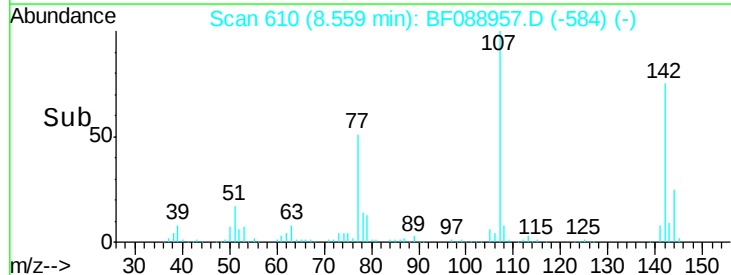
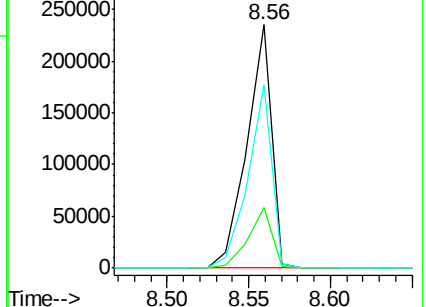
142 75.4 63.4 95.2

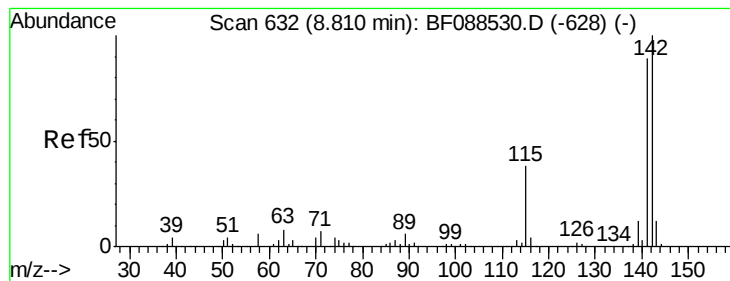


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.20 ng

RT: 8.70 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_F

ClientSampleId :

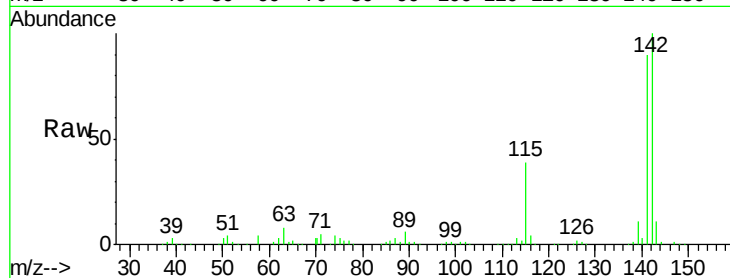
Tot Ion:142 Resp: 421556

Ion Ratio Lower Upper

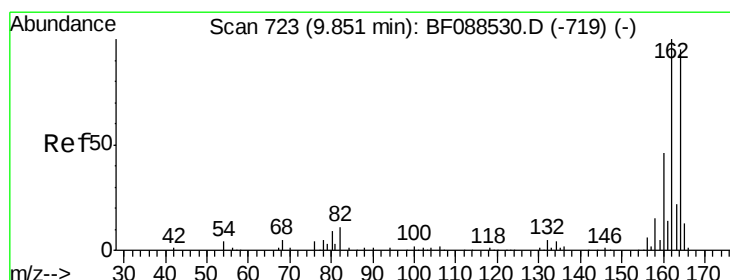
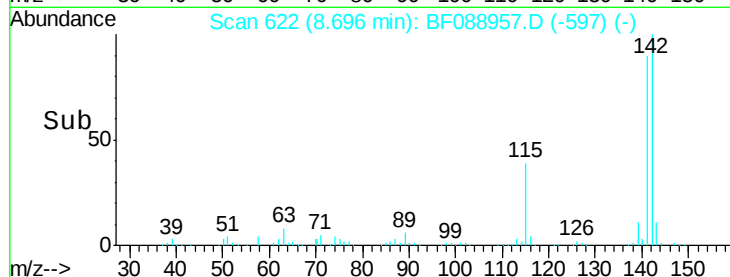
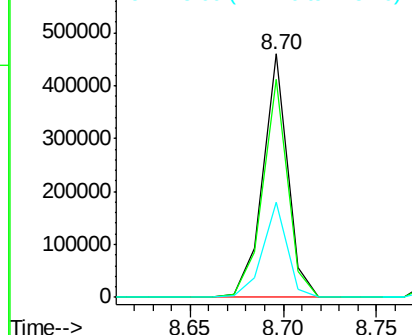
142 100

141 89.7 71.0 106.6

115 39.3 22.6 33.8#



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: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

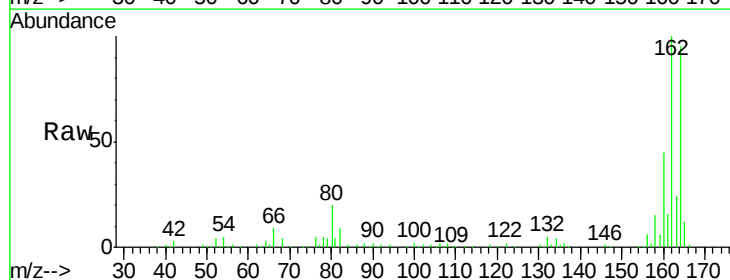
Tgt Ion:164 Resp: 162759

Ion Ratio Lower Upper

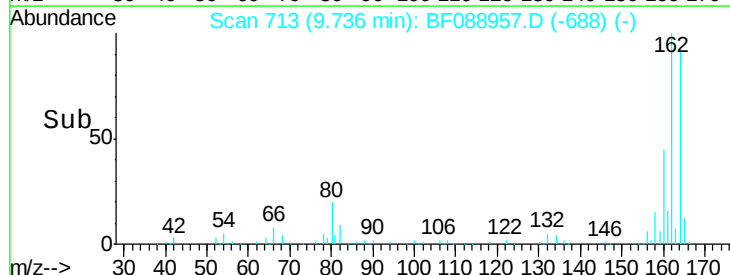
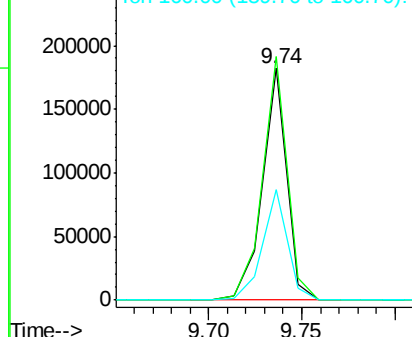
164 100

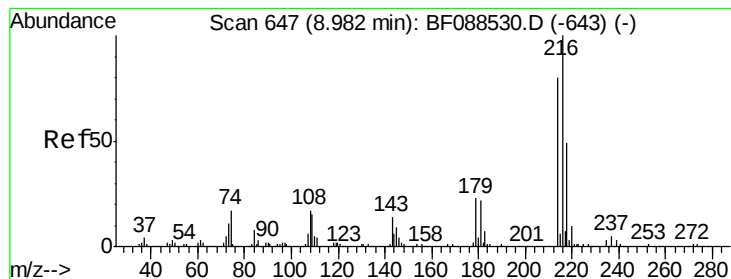
162 105.1 85.4 128.2

160 47.7 39.5 59.3



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: 45.22 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 244808

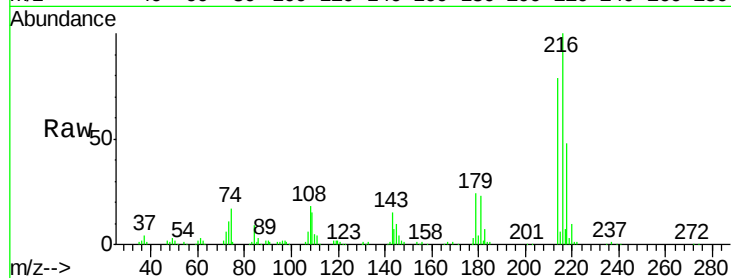
Ion Ratio Lower Upper

216 100

214 79.2 2.9 4.3#

179 24.4 0.0 0.0#

108 21.9 0.5 0.7#

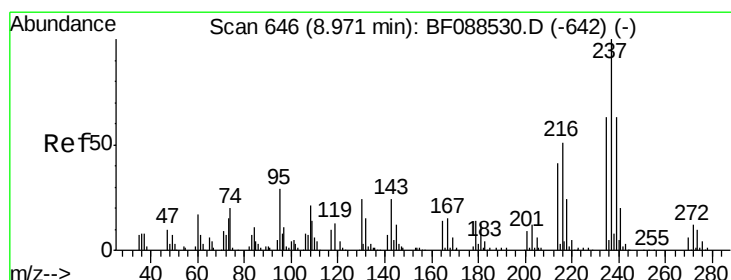
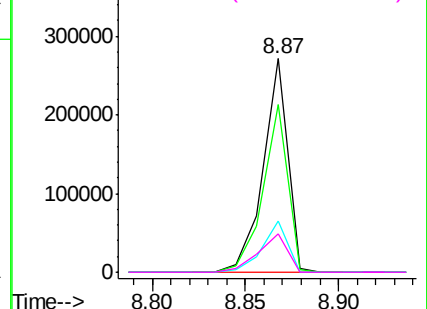
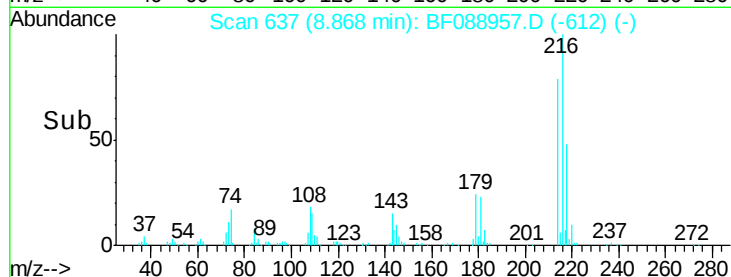


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.14 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

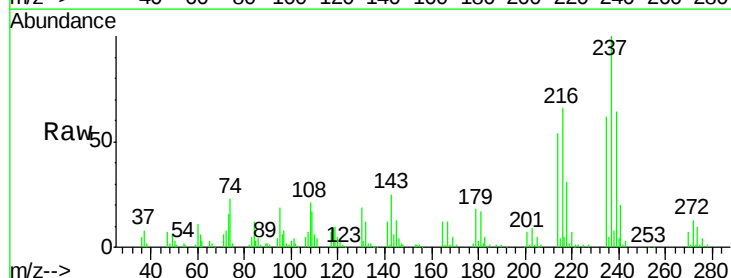
Tgt Ion:237 Resp: 101341

Ion Ratio Lower Upper

237 100

235 62.3 43.4 83.4

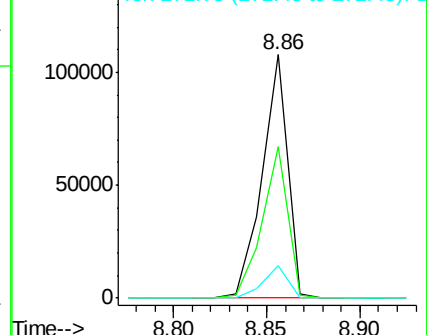
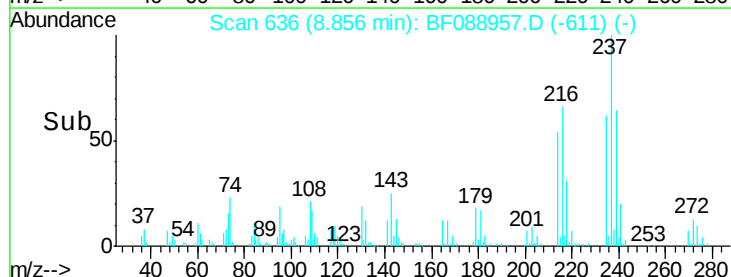
272 13.2 0.0 32.3

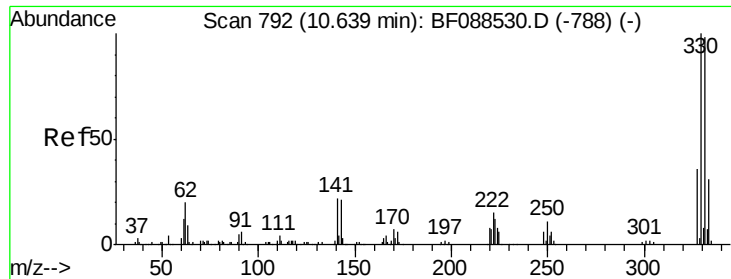


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

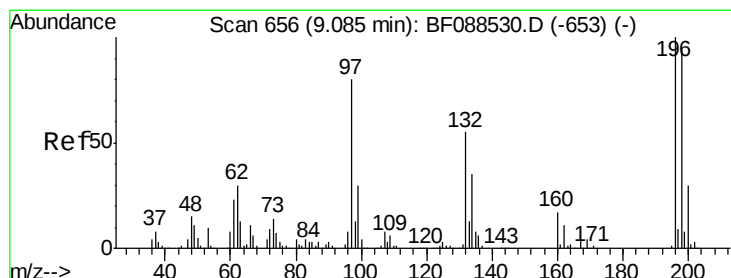
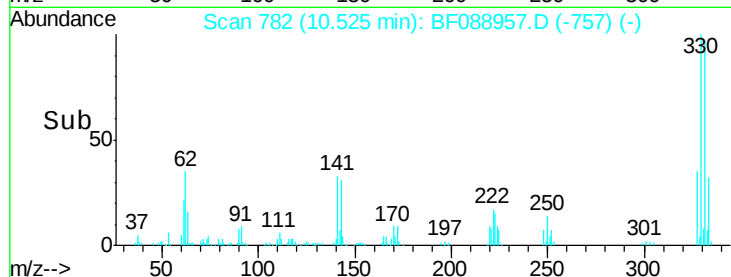
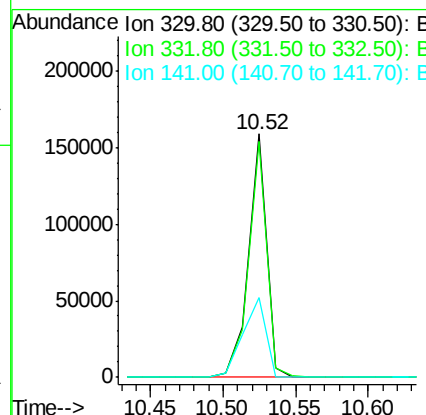
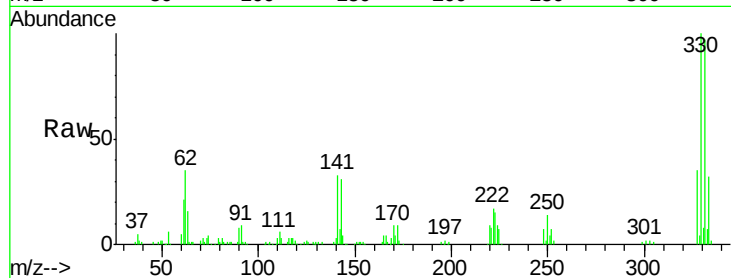




#41
 2,4,6-Tribromophenol
 Concen: 91.65 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088957.D
 Acq: 13 Jul 2016 14:30

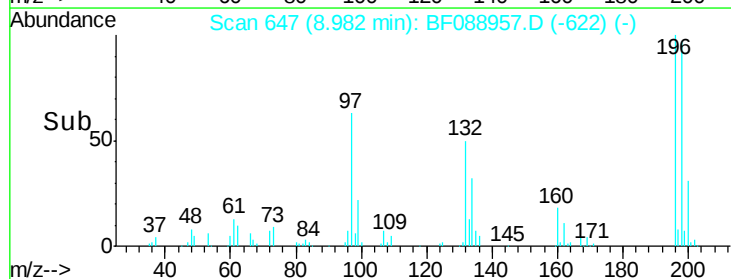
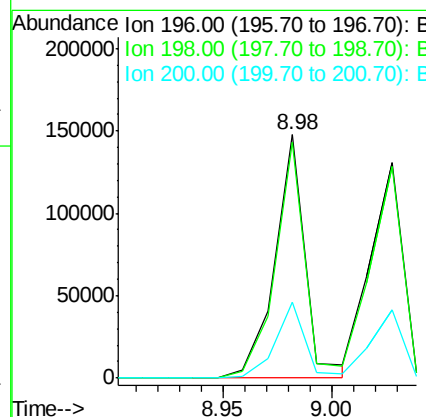
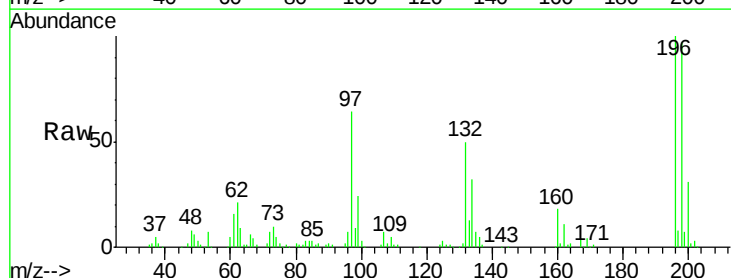
Instrument :
 BNA_F
 ClientSampleId :

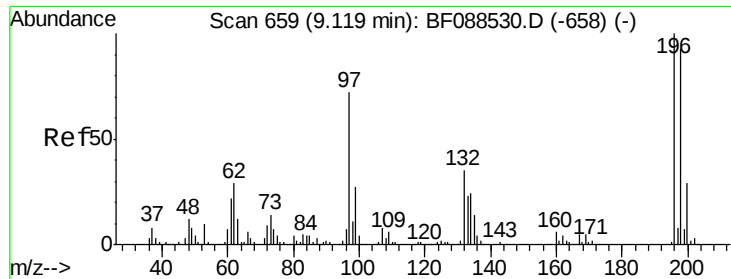
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	41.2	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 40.34 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF088957.D
 Acq: 13 Jul 2016 14:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	78.0	117.0
200	31.3	25.4	38.2

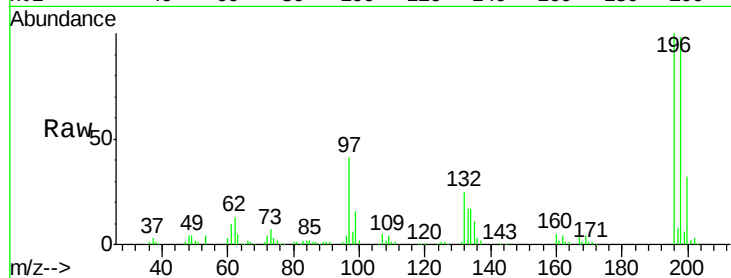




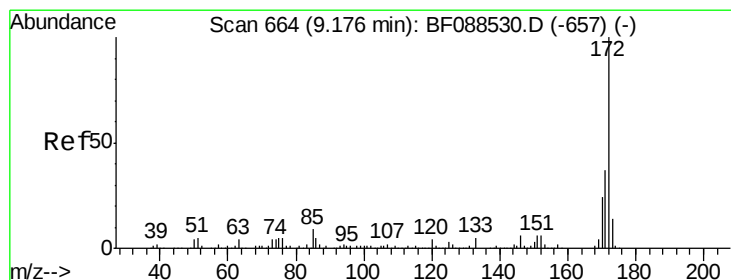
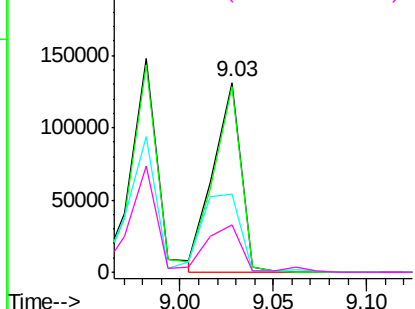
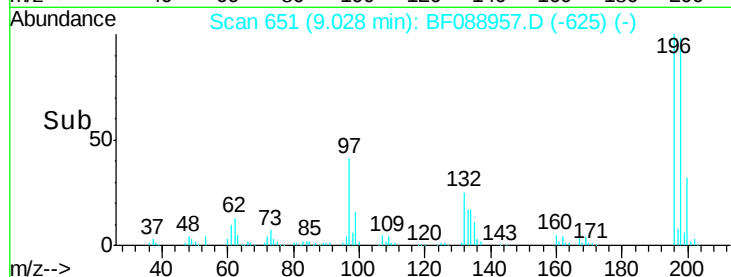
#43
 2,4,5-Trichlorophenol
 Concen: 44.11 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF088957.D
 Acq: 13 Jul 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 135469
 Ion Ratio Lower Upper
 196 100
 198 97.7 77.5 116.3
 97 41.5 32.0 48.0
 132 25.3 20.9 31.3

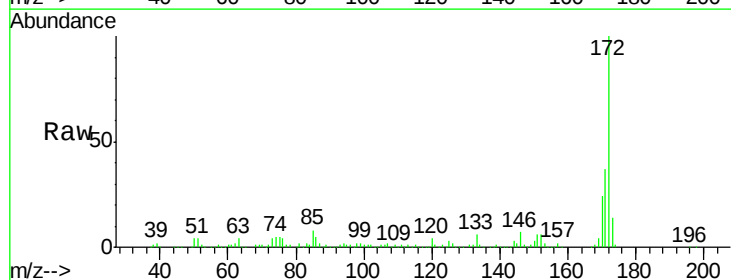


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

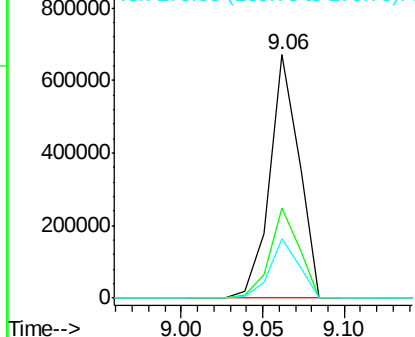
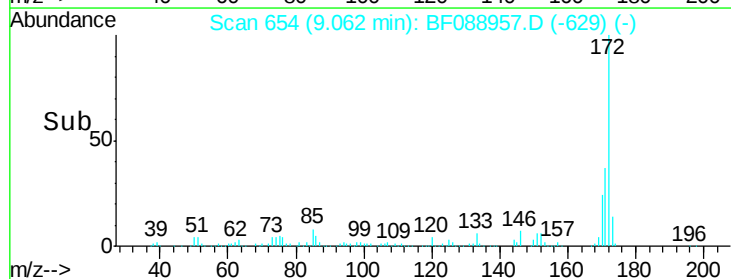


#44
 2-Fluorobiphenyl
 Concen: 81.56 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088957.D
 Acq: 13 Jul 2016 14:30

Tgt Ion:172 Resp: 840371
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 43.0
 170 24.2 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: 42.23 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_F

ClientSampleId :

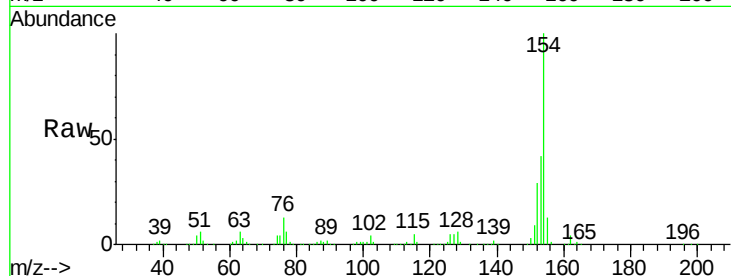
Tot Ion:154 Resp: 569148

Ion Ratio Lower Upper

154 100

153 41.5 20.6 60.6

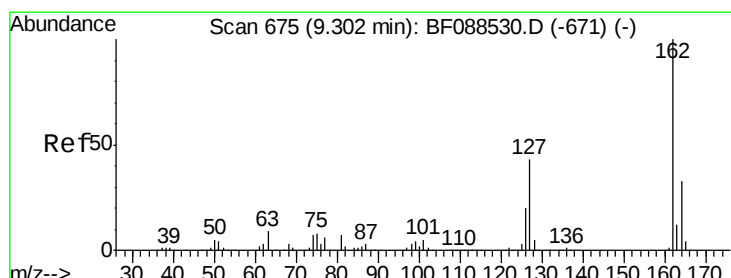
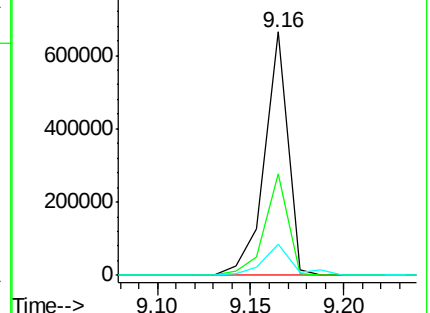
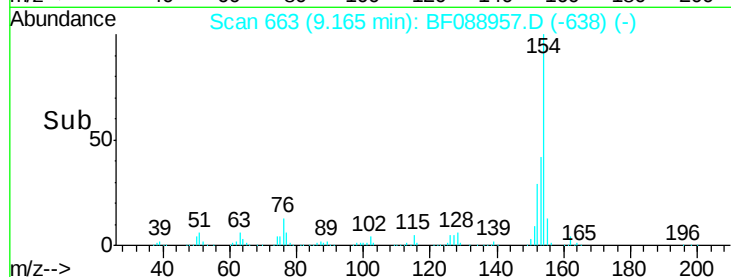
76 13.0 0.0 35.1



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: 42.70 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

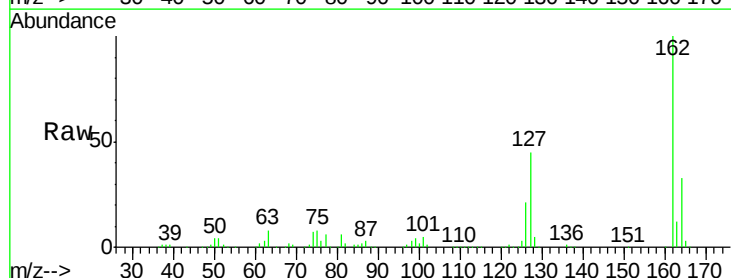
Tgt Ion:162 Resp: 451738

Ion Ratio Lower Upper

162 100

127 44.9 35.2 52.8

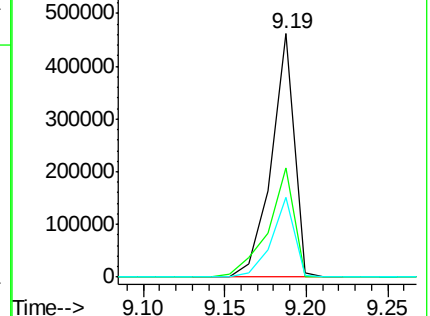
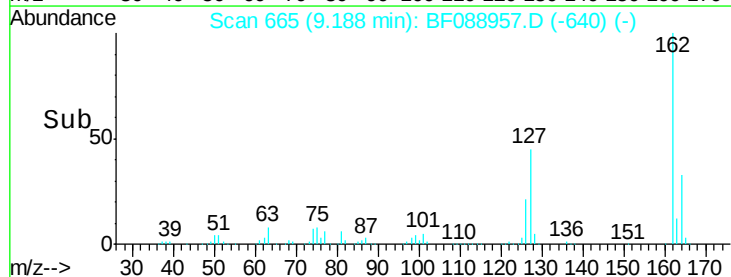
164 32.9 26.6 39.8

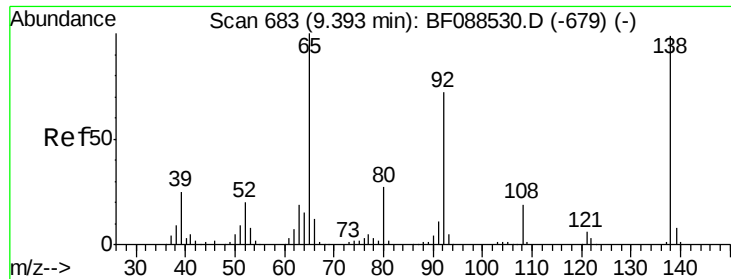


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

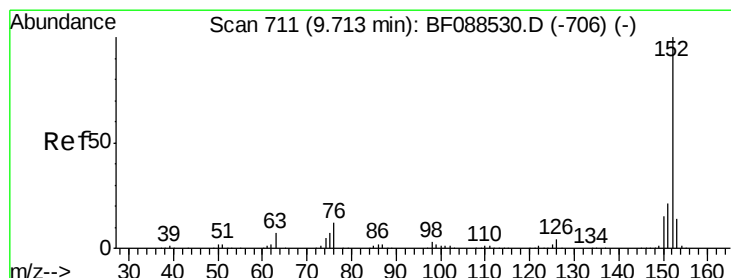
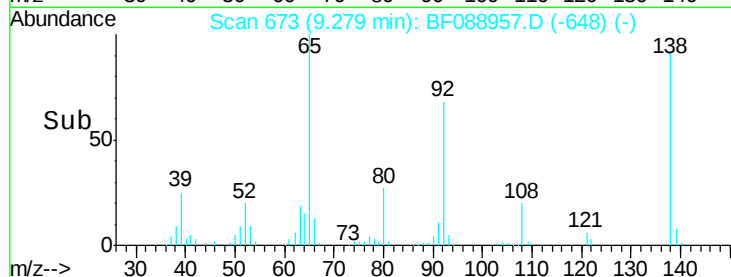
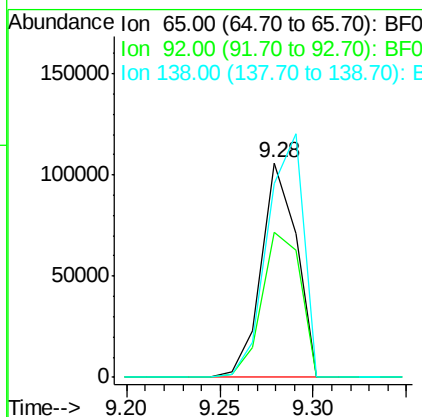
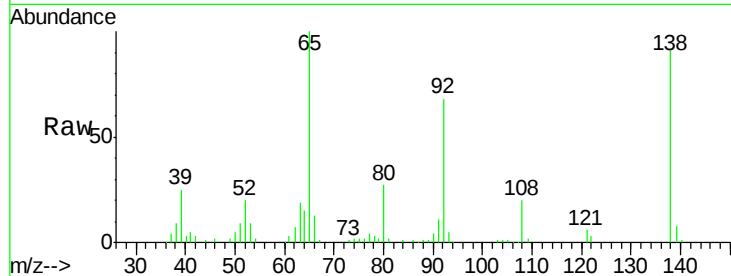




#47
2-Nitroaniline
Concen: 37.00 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

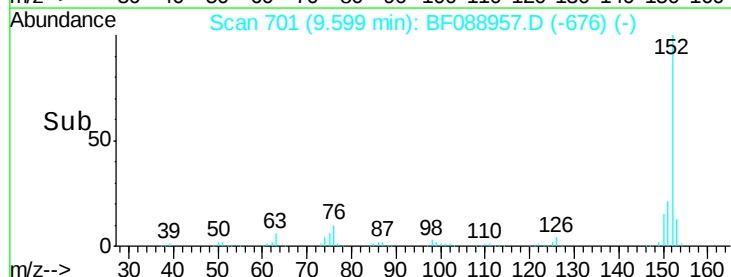
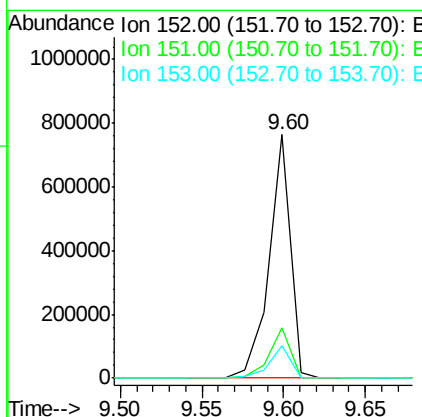
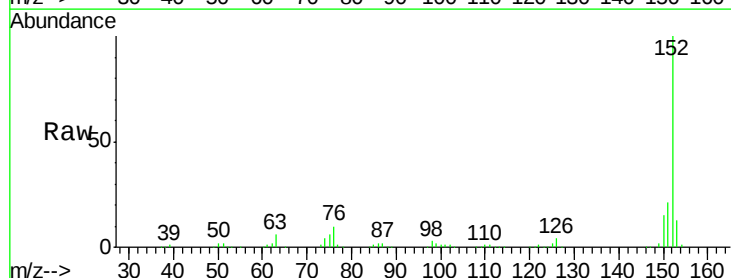
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 138929
Ion Ratio Lower Upper
65 100
92 67.9 54.6 82.0
138 90.6 77.0 115.4



#48
Acenaphthylene
Concen: 41.28 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Tgt Ion: 152 Resp: 695017
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.3 11.0 16.6

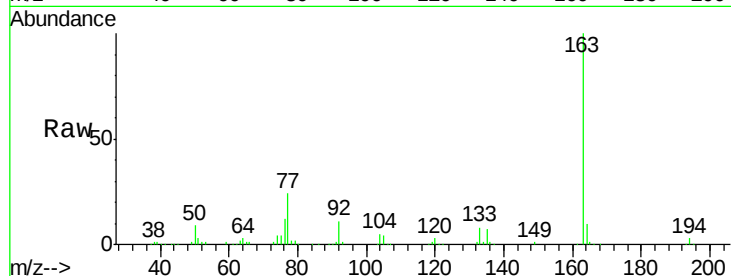




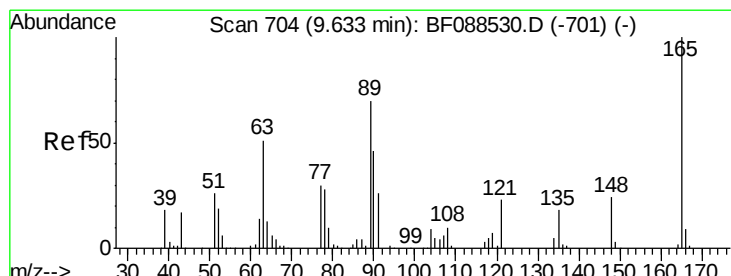
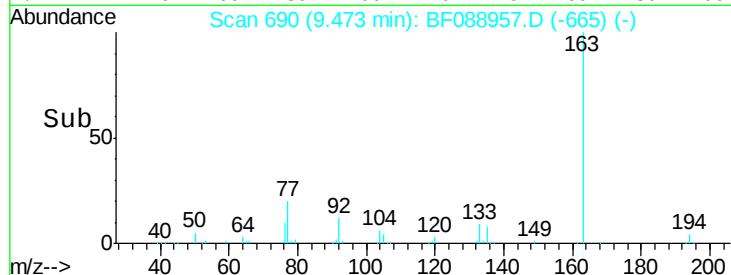
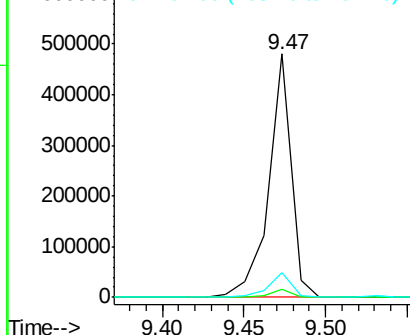
#49
Dimethylphthalate
Concen: 39.79 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 461394
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.3 8.3 12.5

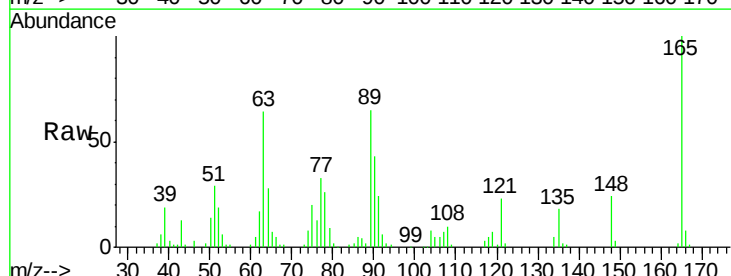


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

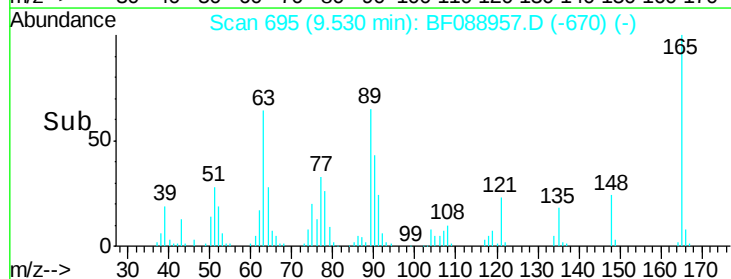
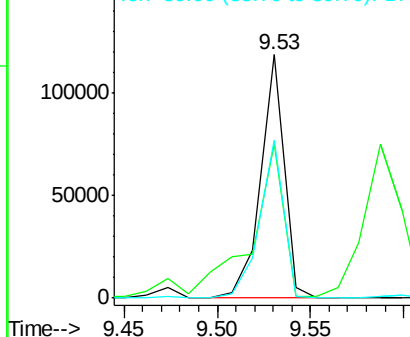


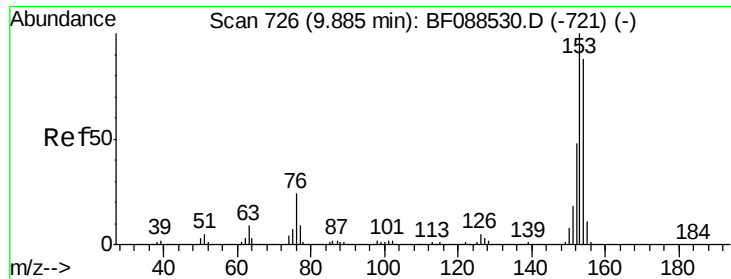
#50
2,6-Dinitrotoluene
Concen: 40.08 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Tgt Ion:165 Resp: 103001
Ion Ratio Lower Upper
165 100
63 63.5 28.1 42.1#
89 64.7 32.2 48.2#



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: 39.02 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_F

ClientSampleId :

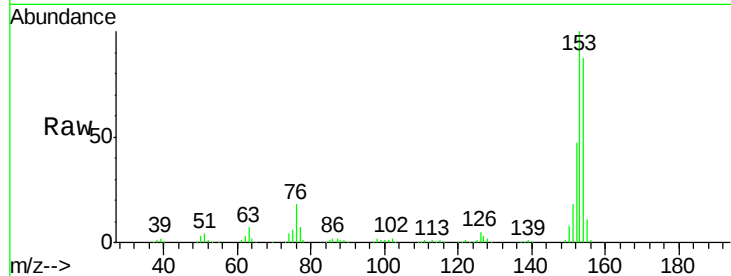
Tot Ion:154 Resp: 402691

Ion Ratio Lower Upper

154 100

153 114.7 89.5 134.3

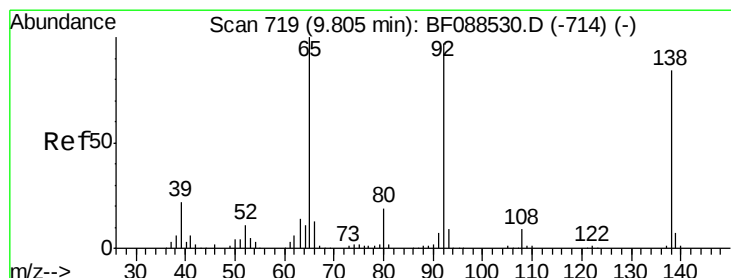
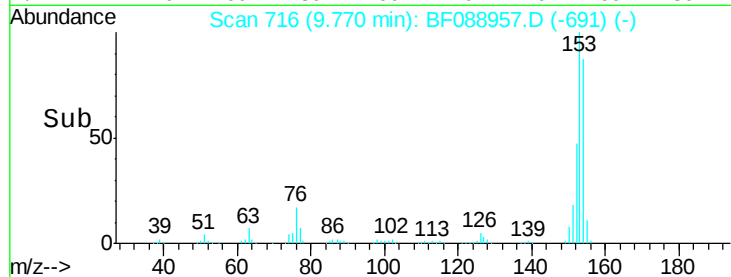
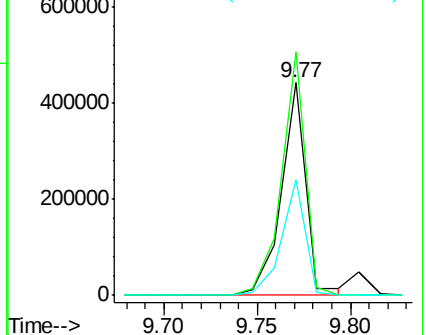
152 54.4 42.7 64.1



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: 43.06 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

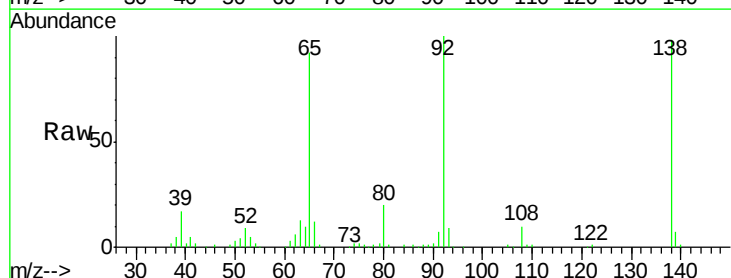
Tgt Ion:138 Resp: 140664

Ion Ratio Lower Upper

138 100

108 9.8 8.5 12.7

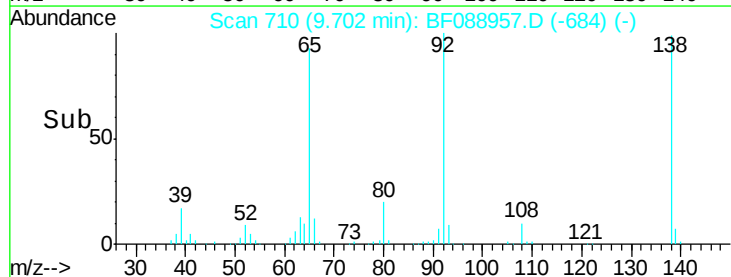
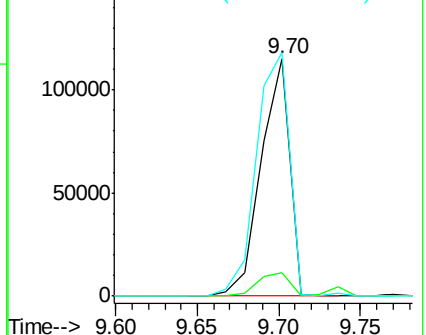
92 102.5 95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

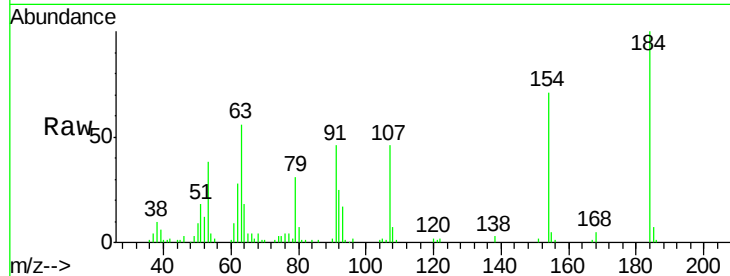




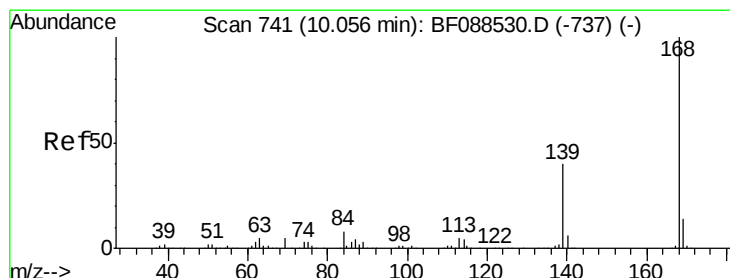
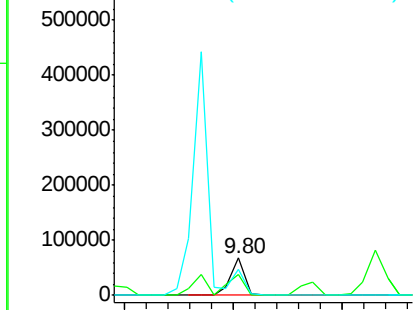
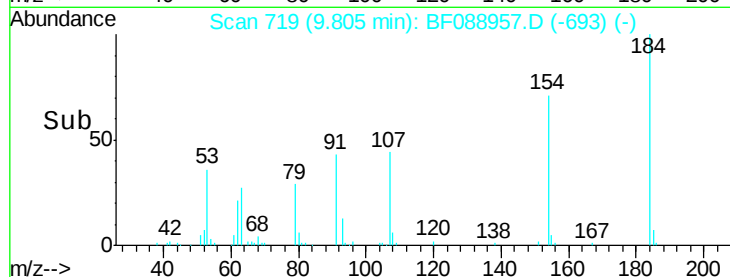
#53
2,4-Dinitrophenol
Concen: 54.41 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 61743
Ion Ratio Lower Upper
184 100
63 56.3 57.6 86.4#
154 71.0 53.5 80.3

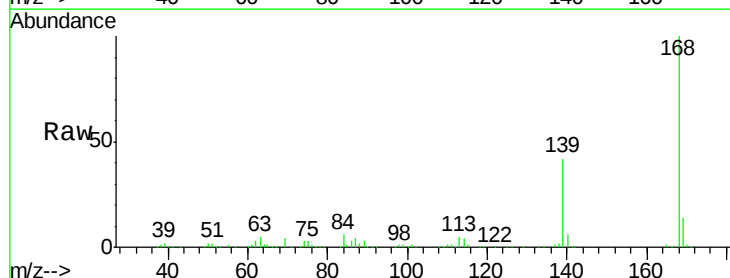


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

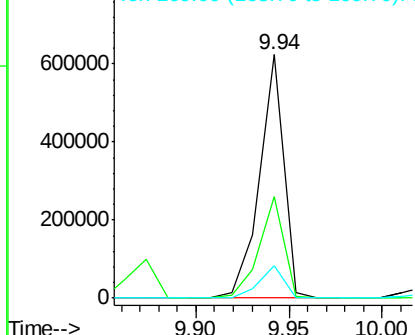
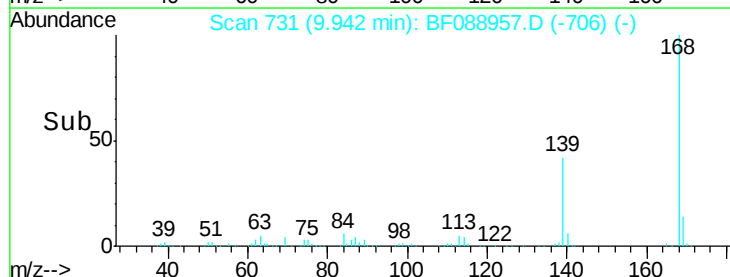


#54
Dibenzofuran
Concen: 41.36 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Tgt Ion:168 Resp: 558680
Ion Ratio Lower Upper
168 100
139 41.9 26.4 39.6#
169 13.5 10.4 15.6



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

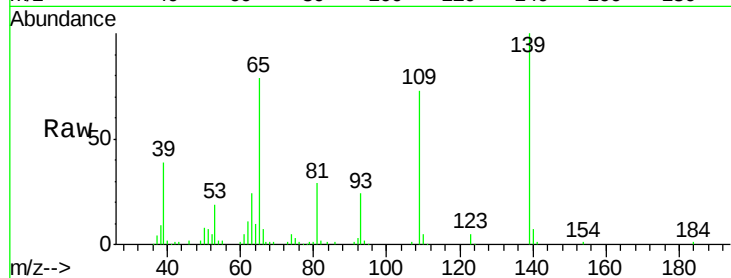




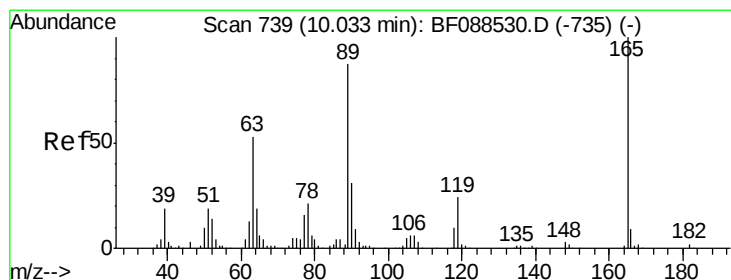
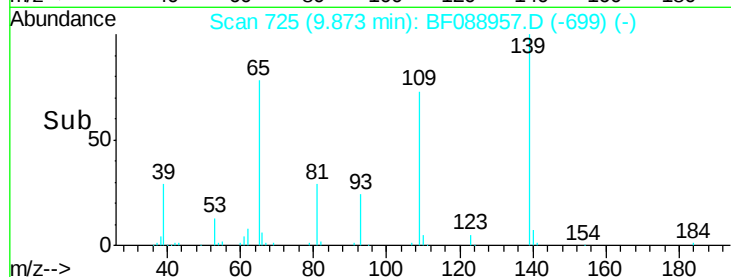
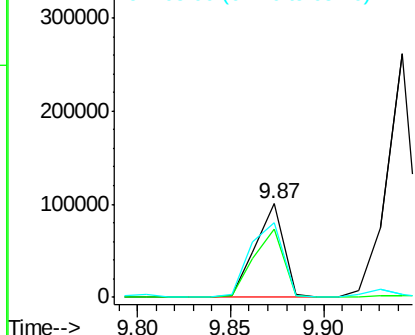
#55
4-Nitrophenol
Concen: 42.74 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 106118
Ion Ratio Lower Upper
139 100
109 73.0 48.9 88.9
65 79.5 84.9 124.9#

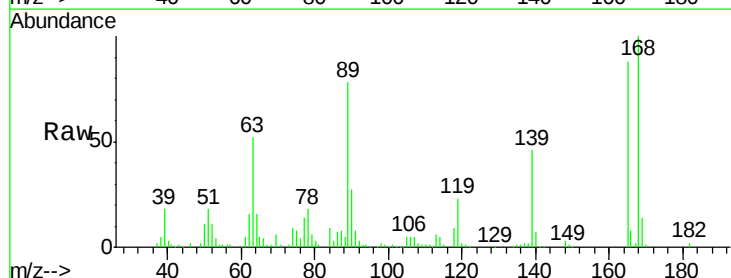


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

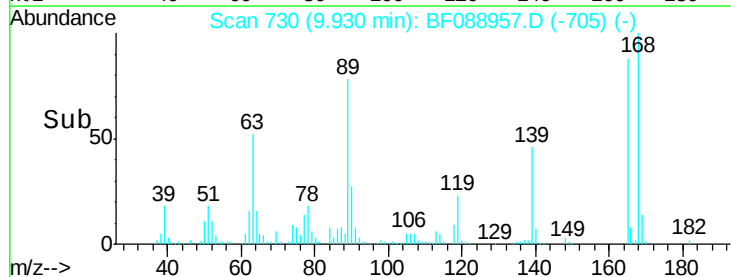
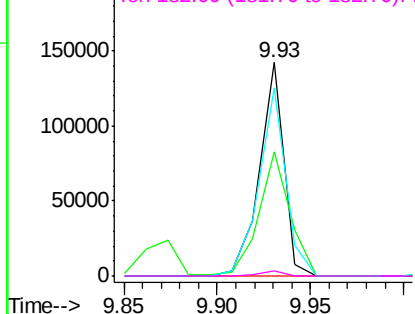


#56
2,4-Dinitrotoluene
Concen: 38.70 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Tgt Ion:165 Resp: 130024
Ion Ratio Lower Upper
165 100
63 58.4 22.0 33.0#
89 88.4 41.1 61.7#
182 2.3 2.0 3.0



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





#57

Fluorene

Concen: 47.01 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_F

ClientSampleId :

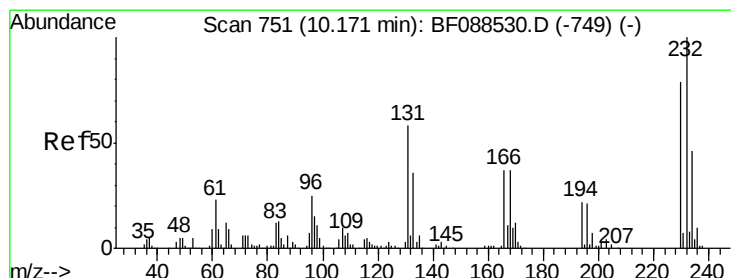
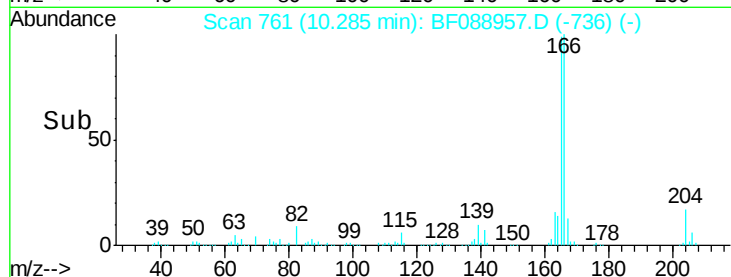
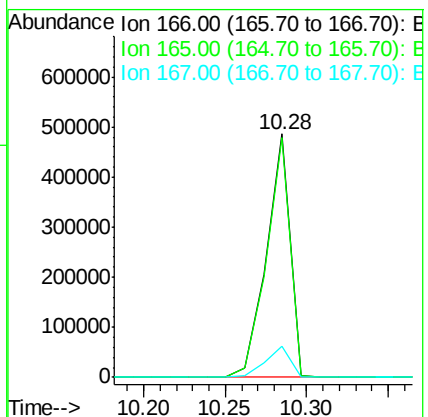
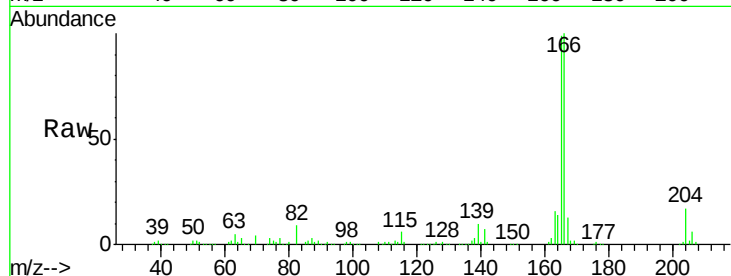
Tot Ion:166 Resp: 489313

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

167 13.1 11.2 16.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.99 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

Tgt Ion:232 Resp: 97384

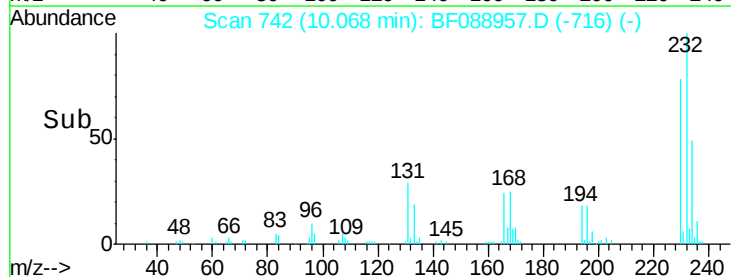
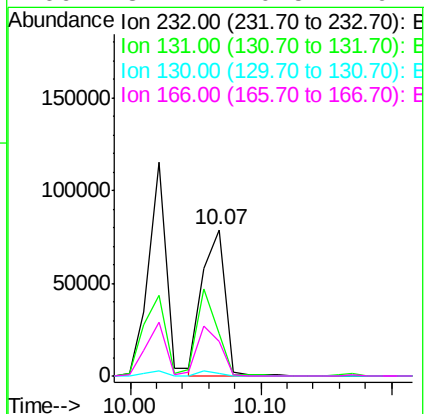
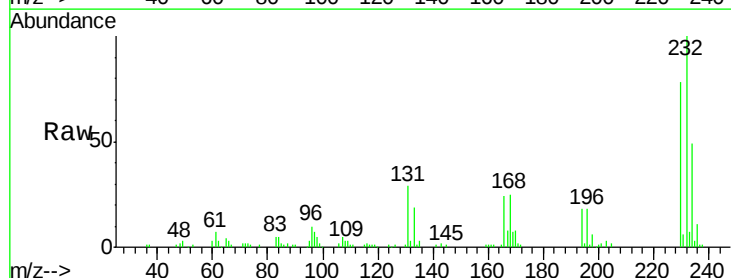
Ion Ratio Lower Upper

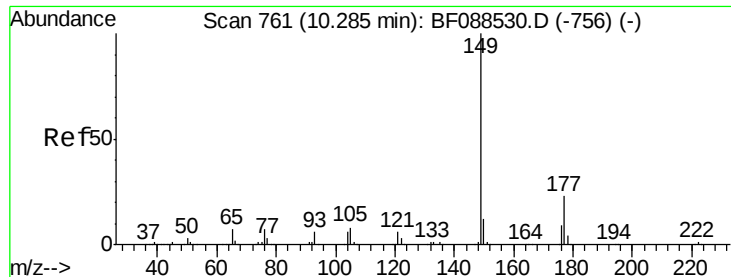
232 100

131 52.7 0.9 1.3#

130 2.6 1.5 2.3#

166 34.2 0.5 0.7#

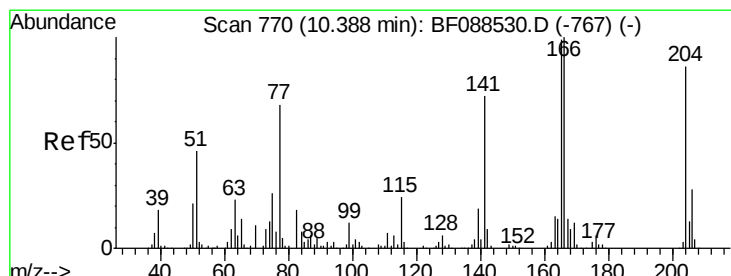
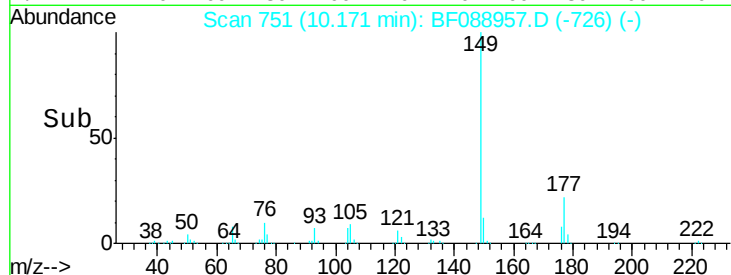
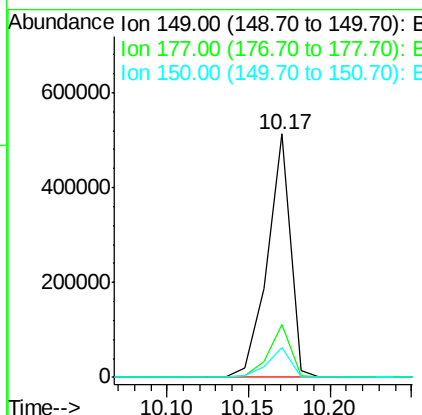
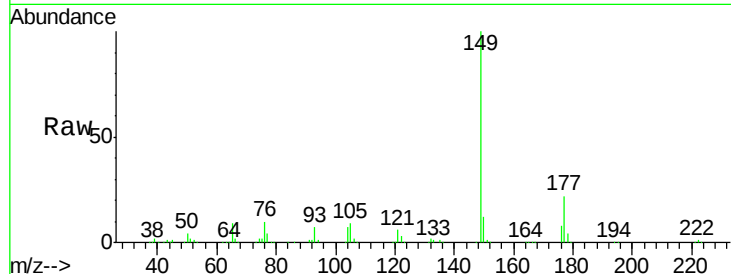




#59
Diethylphthalate
Concen: 43.32 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

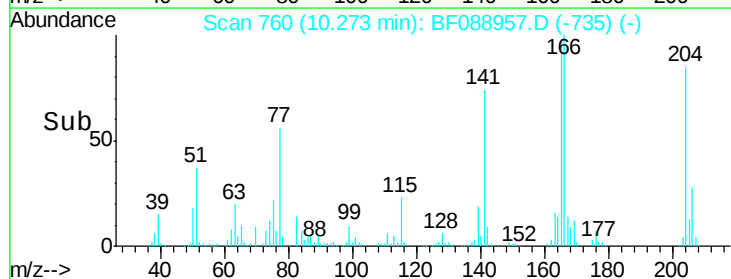
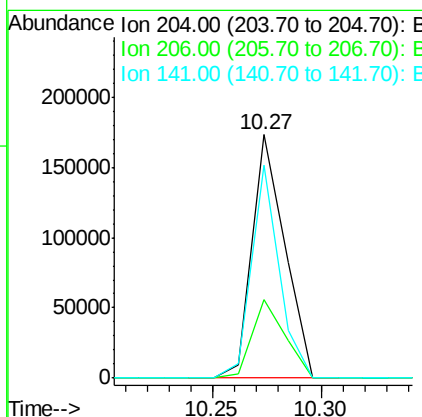
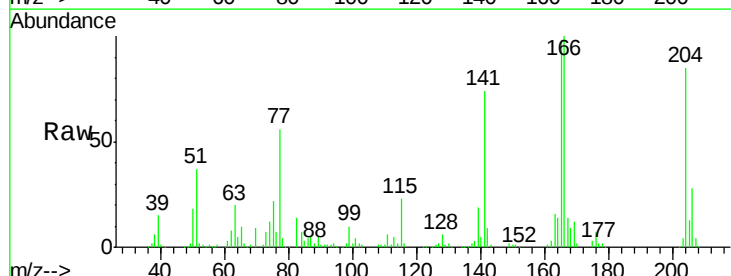
Instrument :
BNA_F
ClientSampleId :

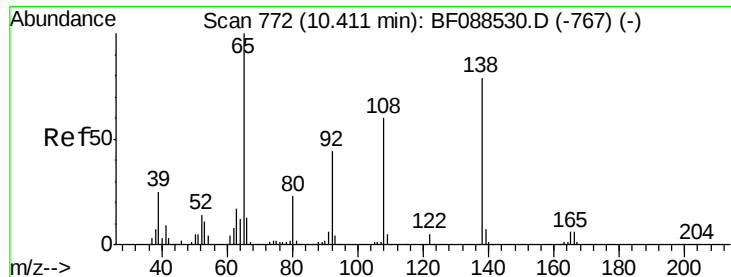
Tot Ion:149 Resp: 504162
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.68 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Tgt Ion:204 Resp: 182211
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 87.2 55.0 82.6#

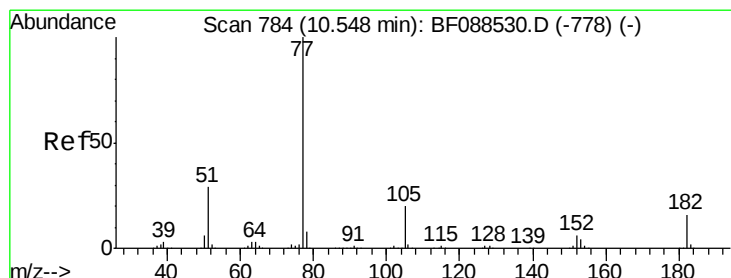
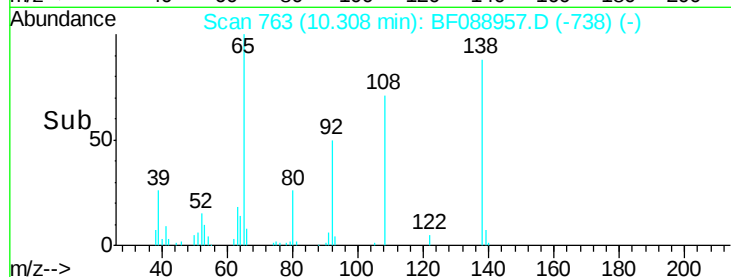
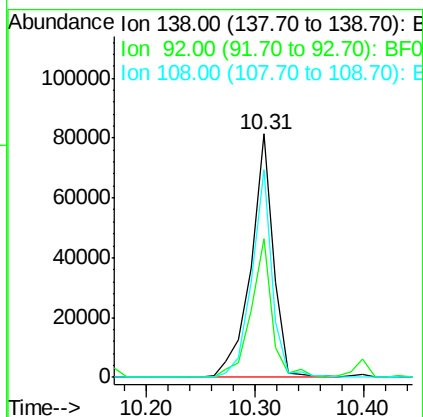
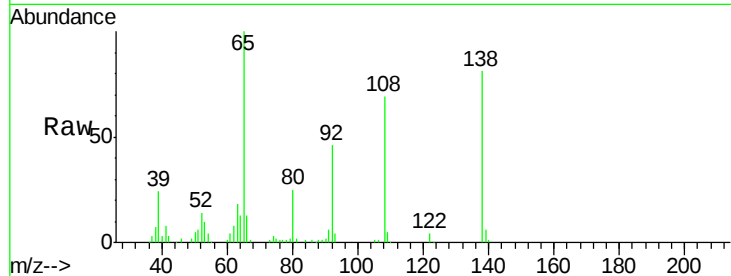




#61
4-Nitroaniline
Concen: 37.49 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

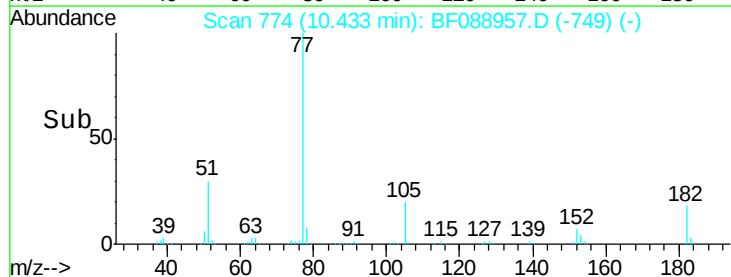
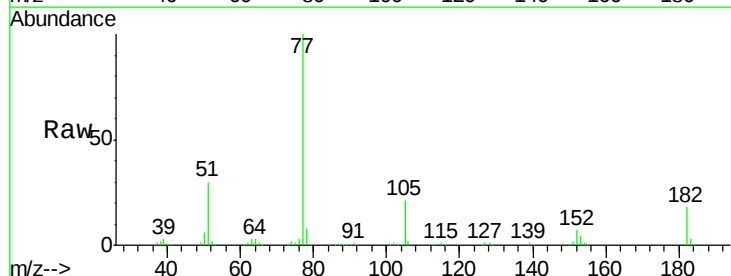
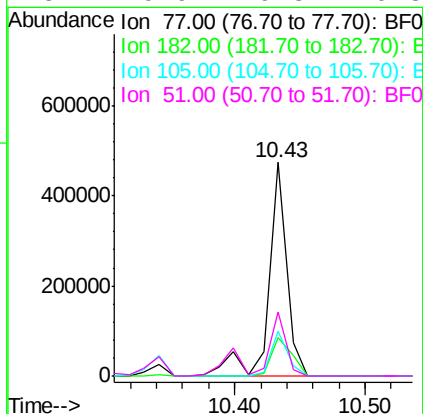
Instrument :
BNA_F
ClientSampleId :

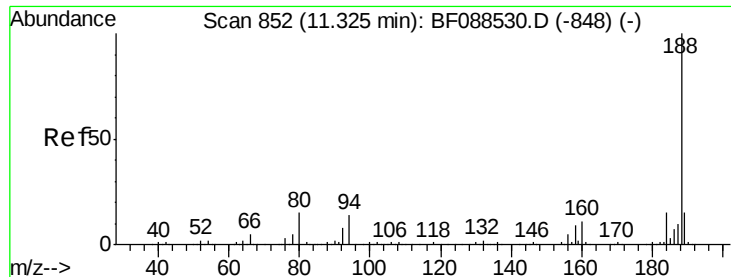
Tot Ion:138 Resp: 117860
Ion Ratio Lower Upper
138 100
92 56.9 27.3 67.3
108 85.5 46.7 86.7



#62
Azobenzene
Concen: 35.26 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Tgt Ion: 77 Resp: 468046
Ion Ratio Lower Upper
77 100
182 18.0 4.4 44.4
105 20.8 3.8 43.8
51 29.9 9.3 49.3

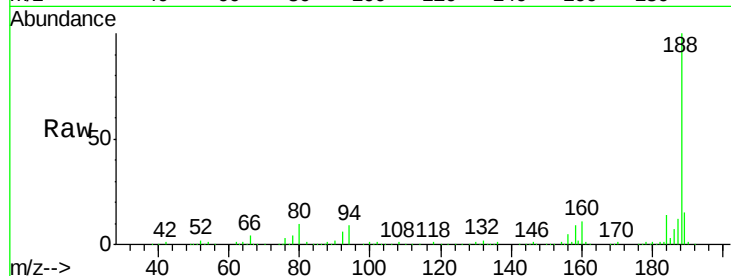




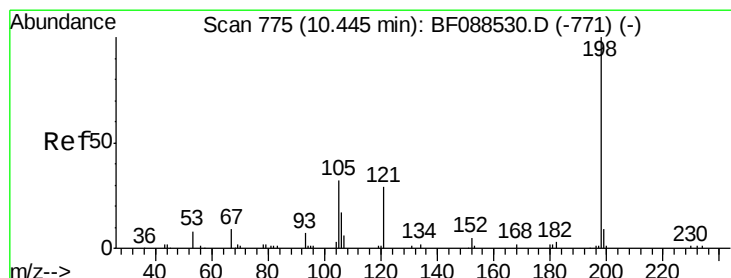
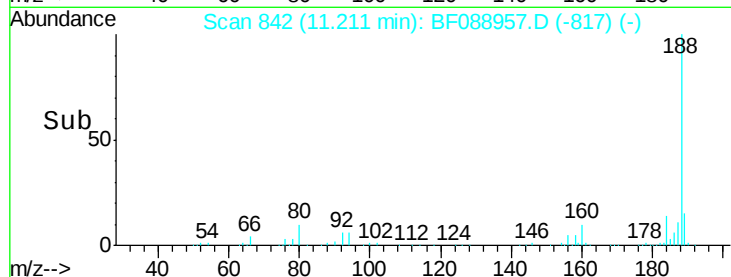
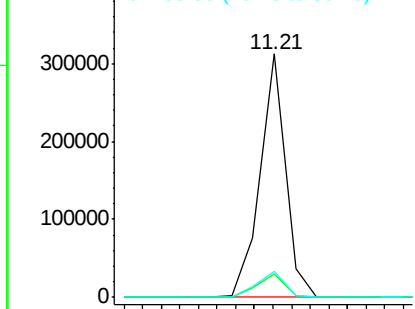
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 294650
Ion Ratio Lower Upper
188 100
94 9.5 9.0 13.6
80 10.5 10.0 15.0

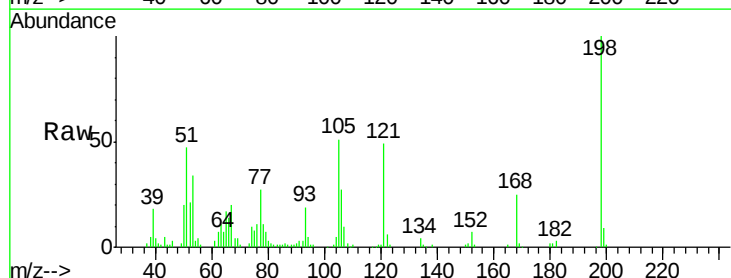


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

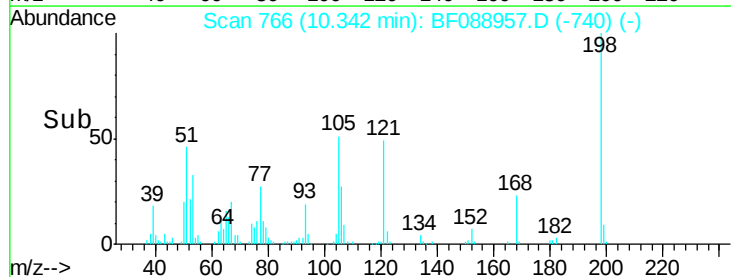
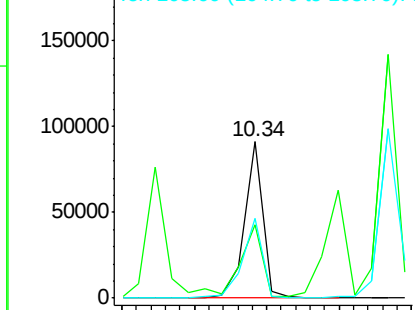


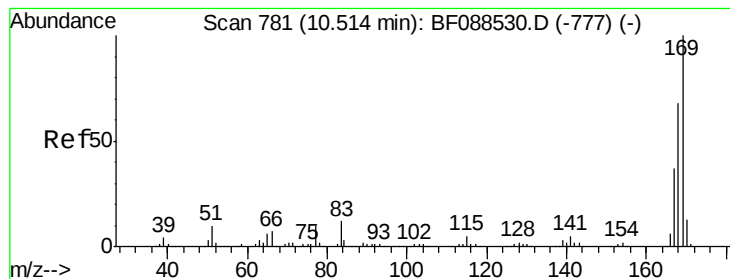
#64
4,6-Dinitro-2-methylphenol
Concen: 50.36 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Tgt Ion:198 Resp: 79362
Ion Ratio Lower Upper
198 100
51 46.7 39.6 79.6
105 51.2 36.6 76.6



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





#65

n-Nitrosodiphenylamine

Concen: 40.53 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_F

ClientSampled :

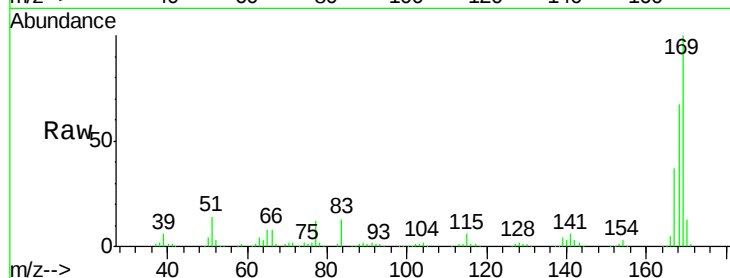
Tot Ion:169 Resp: 404204

Ion Ratio Lower Upper

169 100

168 67.0 53.4 80.0

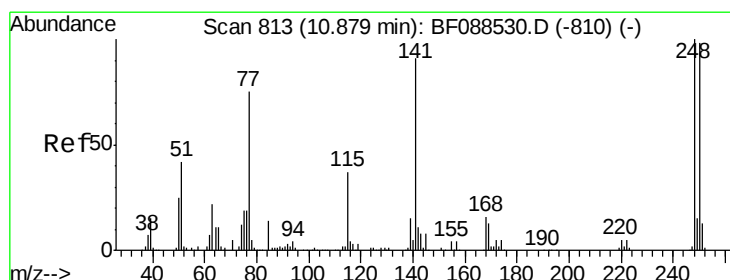
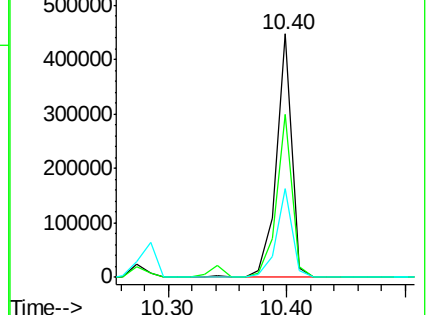
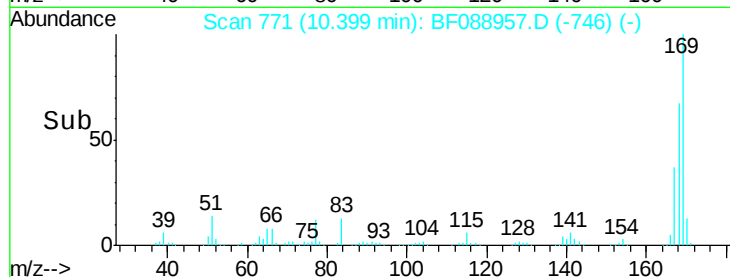
167 36.6 29.4 44.0



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: 43.92 ng

RT: 10.76 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

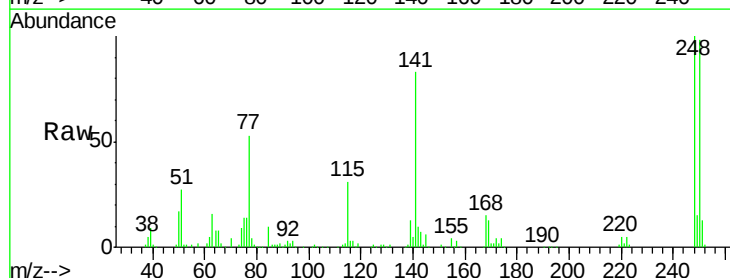
Tgt Ion:248 Resp: 130418

Ion Ratio Lower Upper

248 100

250 98.2 77.1 115.7

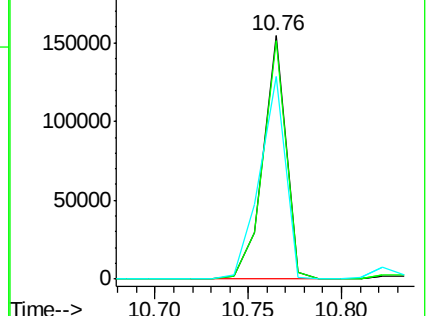
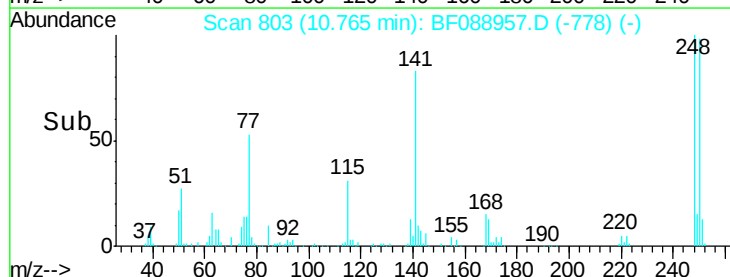
141 83.2 50.6 76.0#

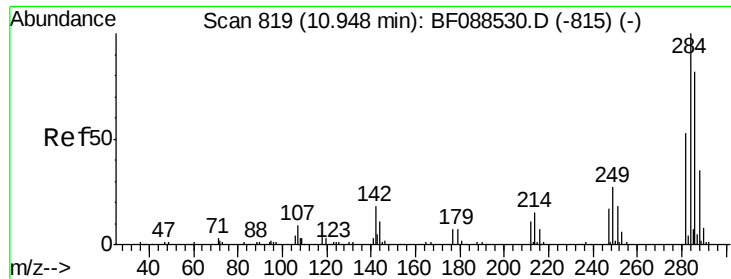


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

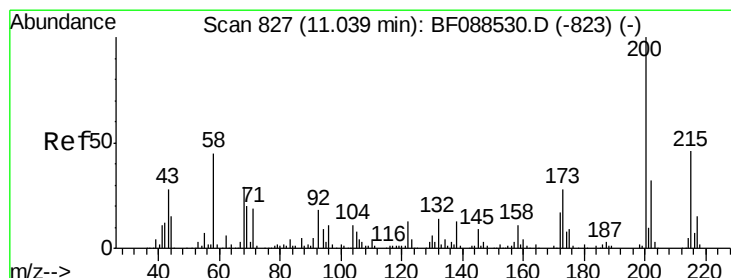
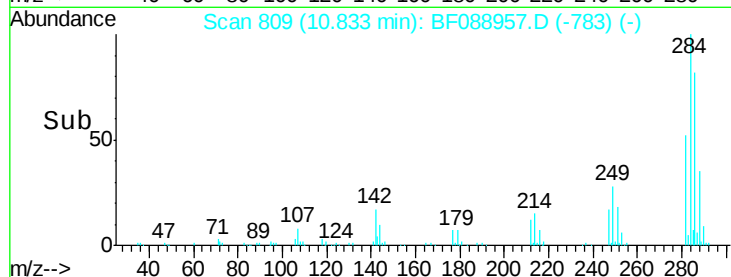
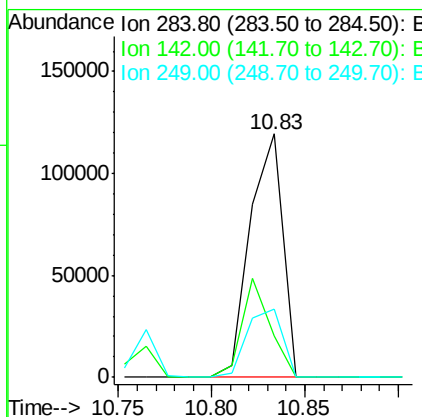
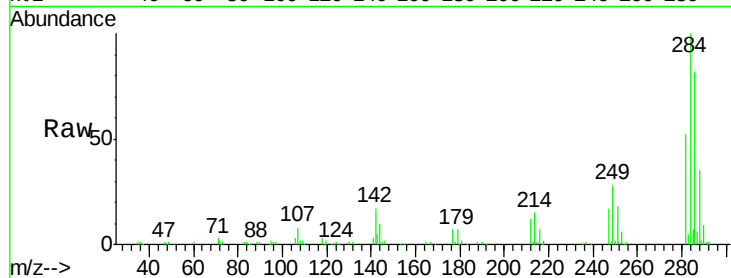




#67
Hexachlorobenzene
Concen: 44.04 ng
RT: 10.83 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

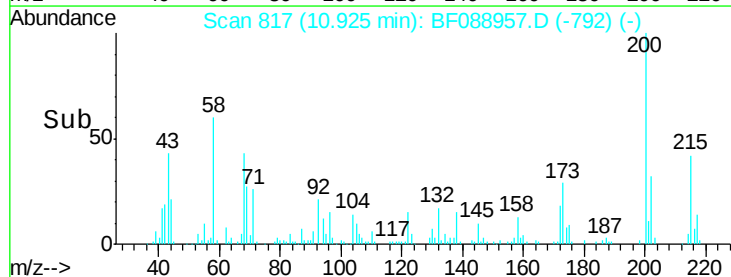
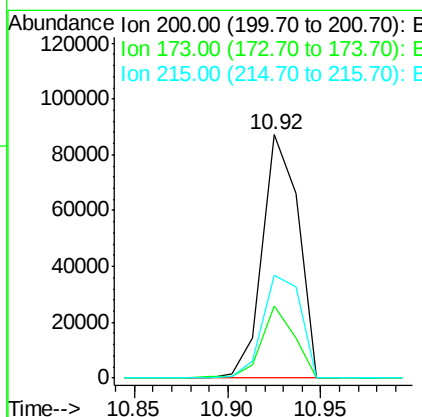
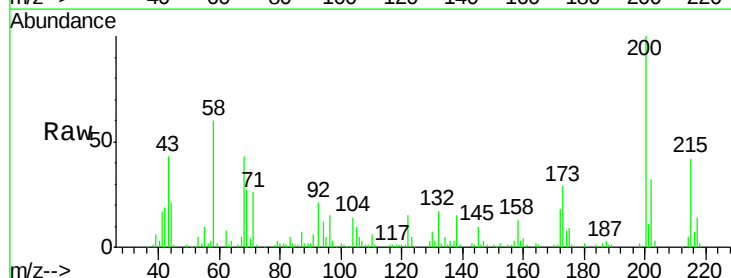
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 144767
Ion Ratio Lower Upper
284 100
142 16.9 35.8 53.8#
249 28.1 25.8 38.6



#68
Atrazine
Concen: 37.28 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Tgt Ion:200 Resp: 115832
Ion Ratio Lower Upper
200 100
173 29.4 4.0 44.0
215 42.3 29.3 69.3





#69

Pentachlorophenol

Concen: 39.86 ng

RT: 11.03 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_F

ClientSampleId :

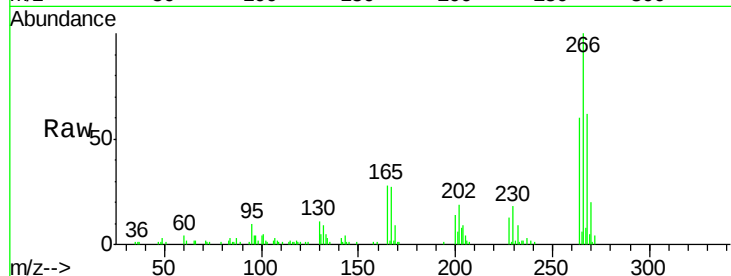
Tot Ion:266 Resp: 77545

Ion Ratio Lower Upper

266 100

268 62.3 52.8 79.2

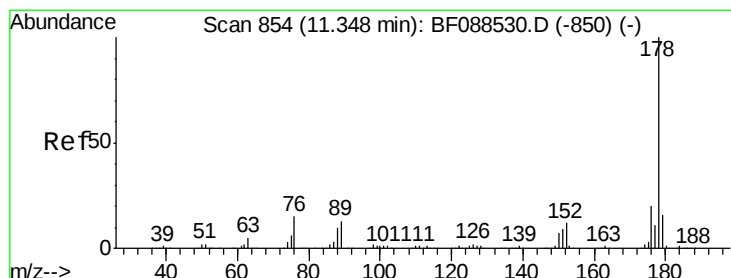
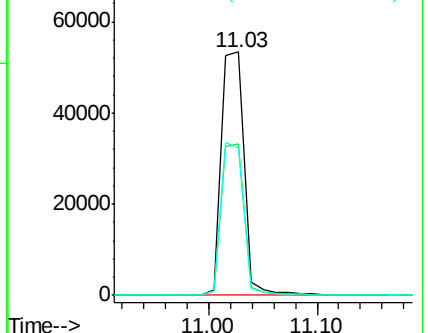
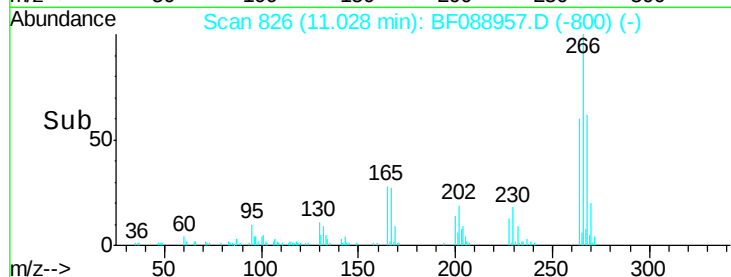
264 60.4 49.6 74.4



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: 35.03 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

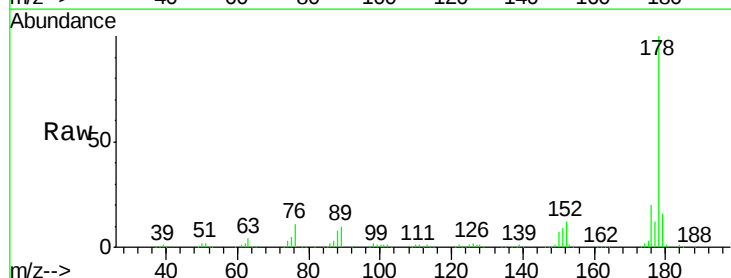
Tgt Ion:178 Resp: 564193

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

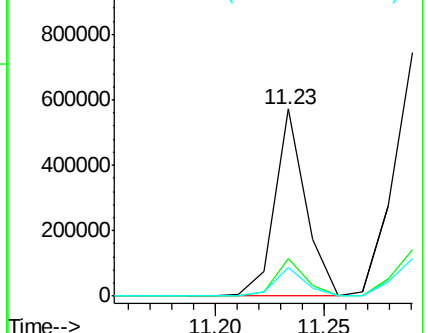
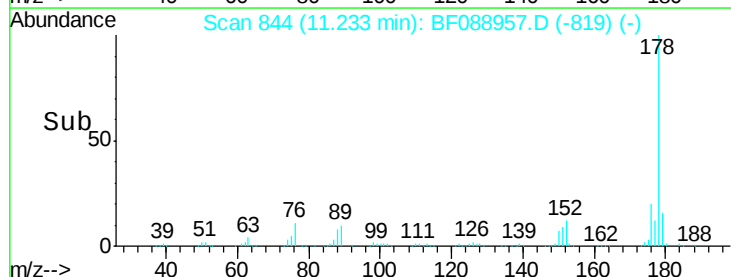
179 15.6 13.0 19.4

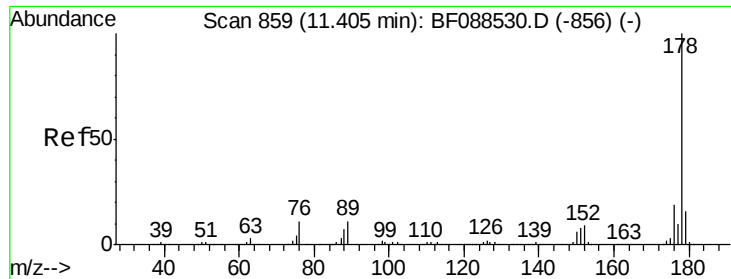


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

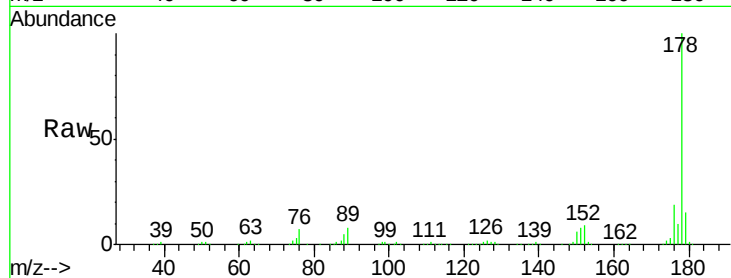




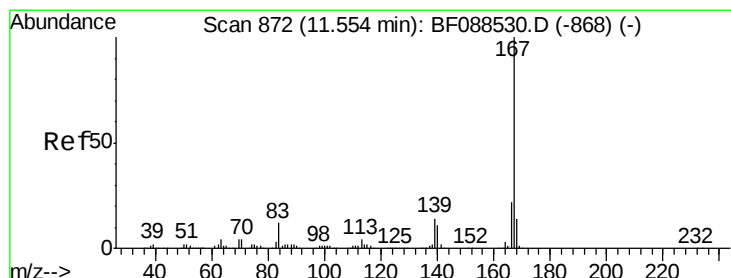
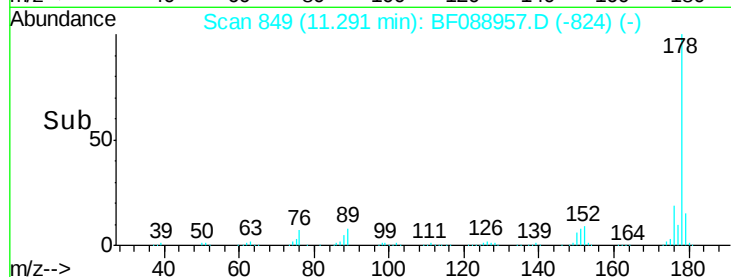
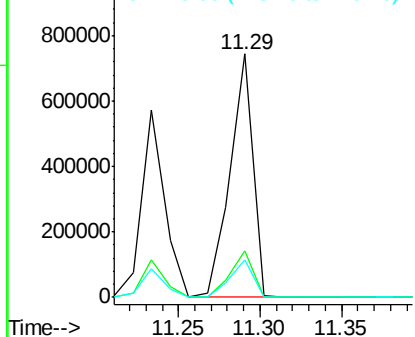
#71
 Anthracene
 Concen: 44.64 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BF088957.D
 Acq: 13 Jul 2016 14:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 714944
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.6 23.4
 179 15.4 12.8 19.2

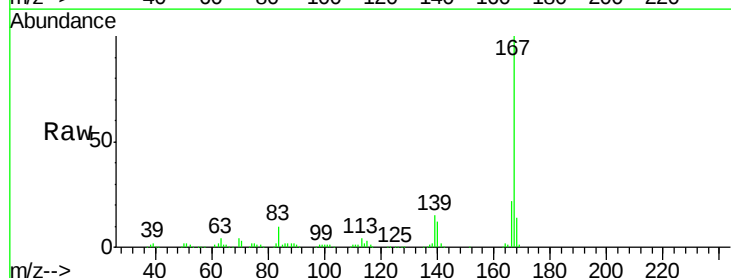


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

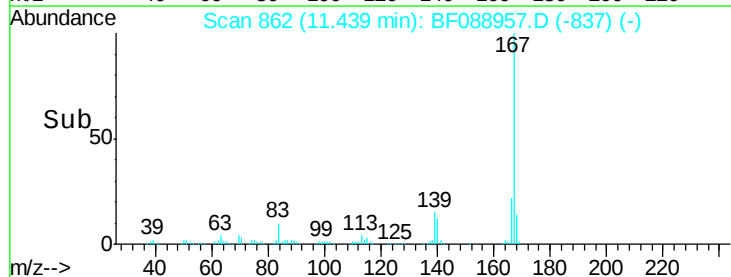
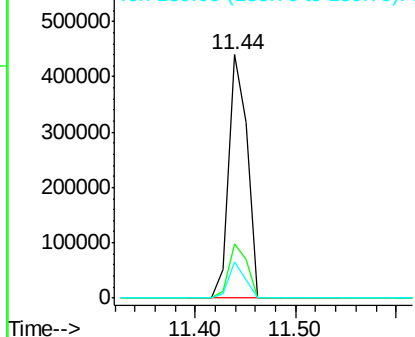


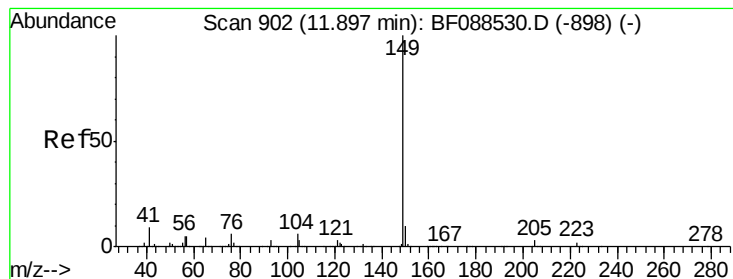
#72
 Carbazole
 Concen: 37.06 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BF088957.D
 Acq: 13 Jul 2016 14:30

Tgt Ion:167 Resp: 558586
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 14.9 11.2 16.8



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





#73

Di-n-butylphthalate

Concen: 38.09 ng

RT: 11.78 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_F

ClientSampleId :

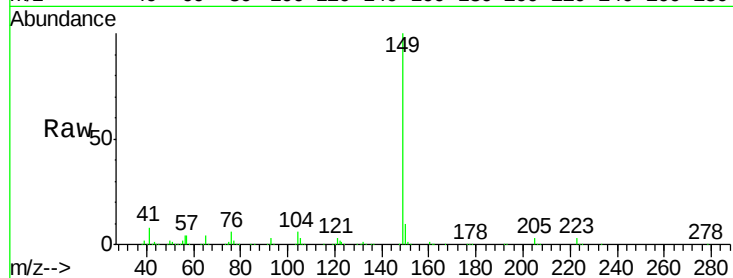
Tot Ion:149 Resp: 667928

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

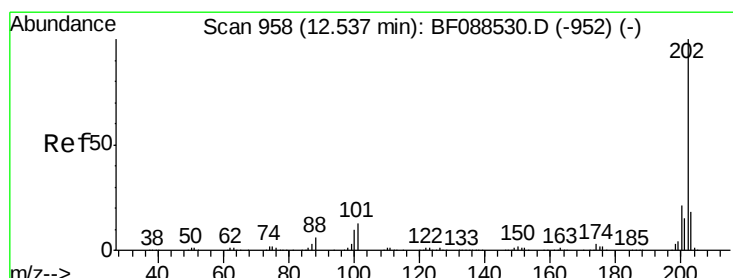
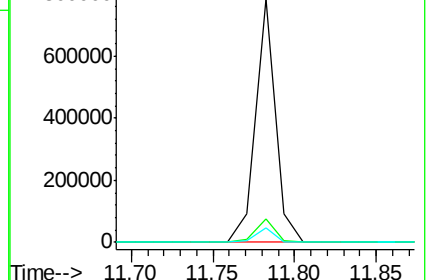
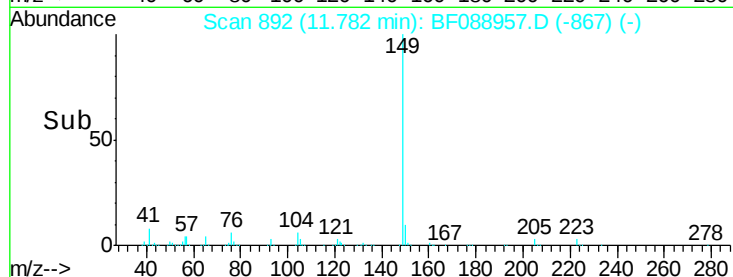
104 5.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.50 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

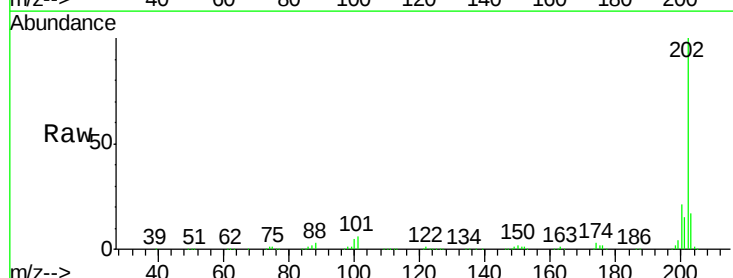
Tgt Ion:202 Resp: 677711

Ion Ratio Lower Upper

202 100

101 6.0 0.0 33.1

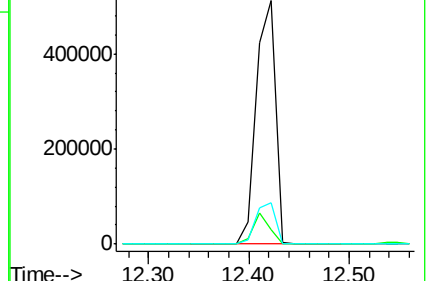
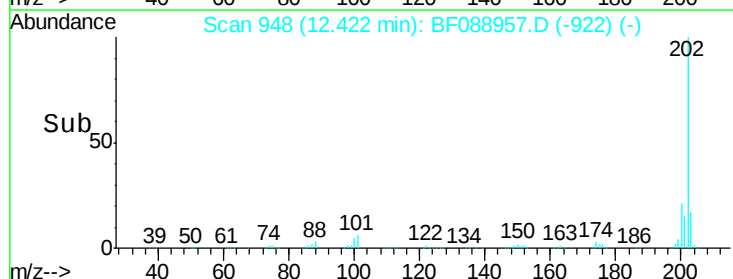
203 17.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_F

ClientSampleId :

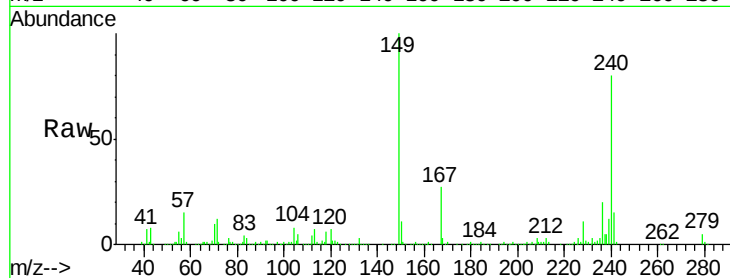
Tot Ion:240 Resp: 207978

Ion Ratio Lower Upper

240 100

120 9.2 6.8 10.2

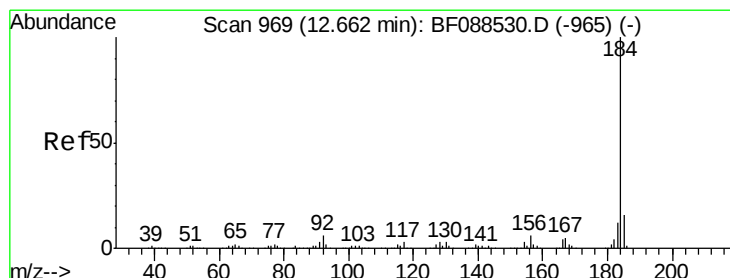
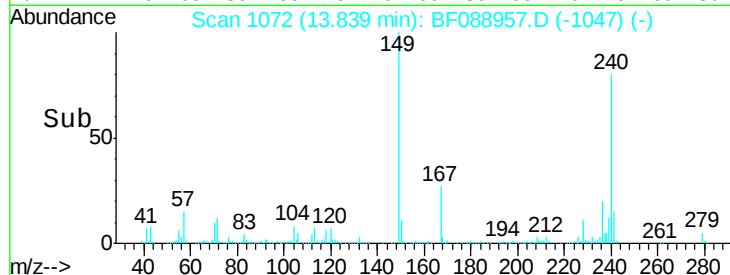
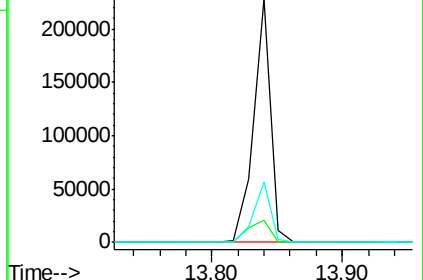
236 25.1 20.2 30.2



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: 48.33 ng

RT: 12.55 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

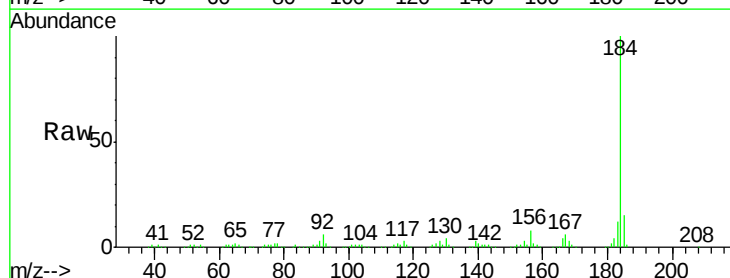
Tgt Ion:184 Resp: 508052

Ion Ratio Lower Upper

184 100

185 15.0 12.5 18.7

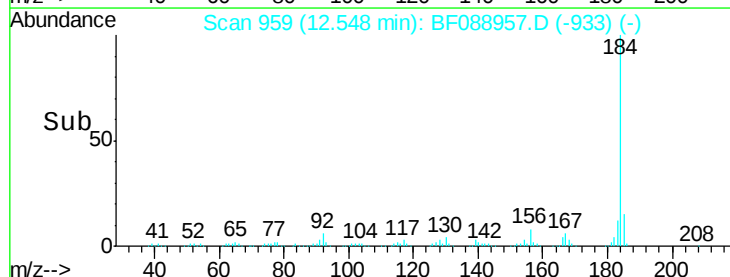
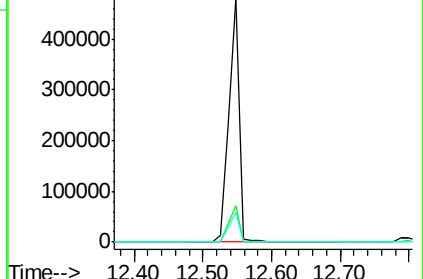
183 12.2 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

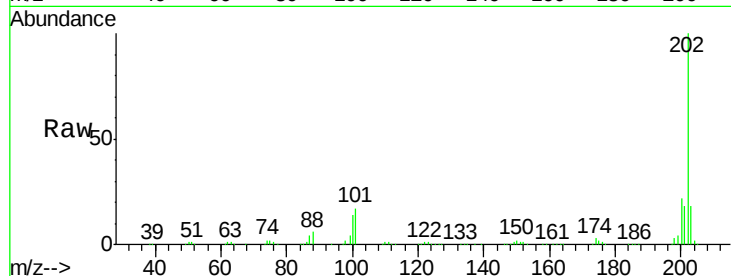




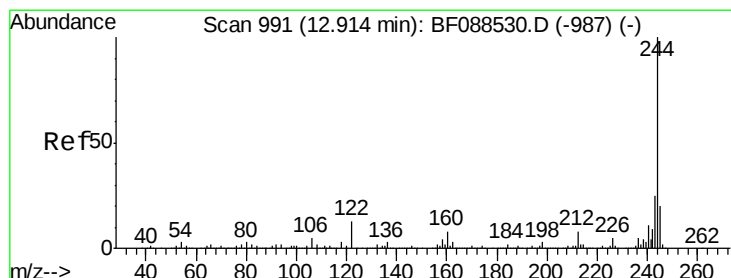
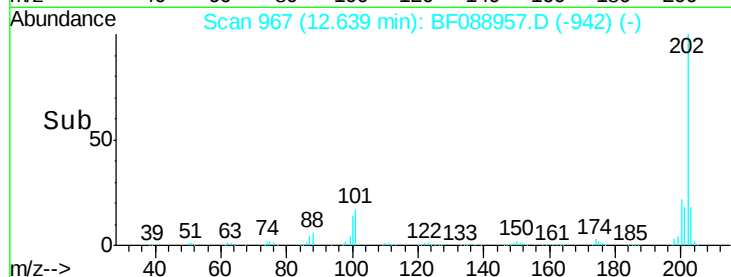
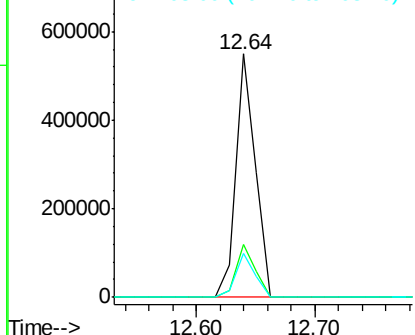
#77
Pvrene
Concen: 35.32 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 622774
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 18.0 14.5 21.7

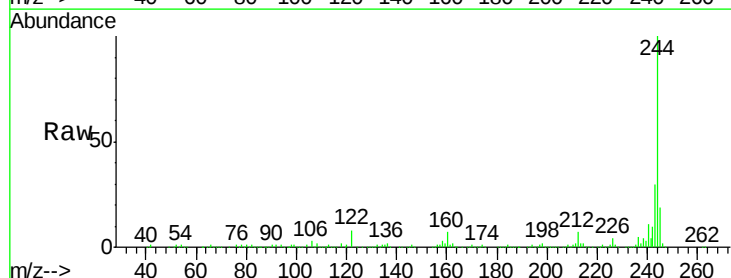


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

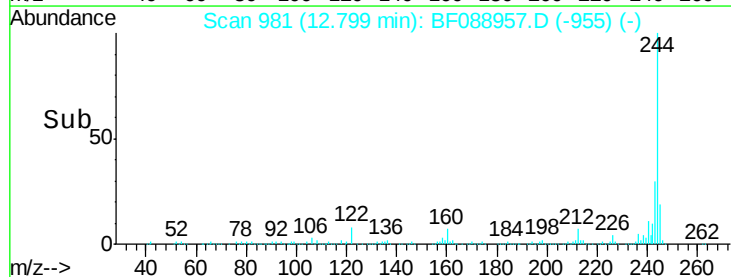
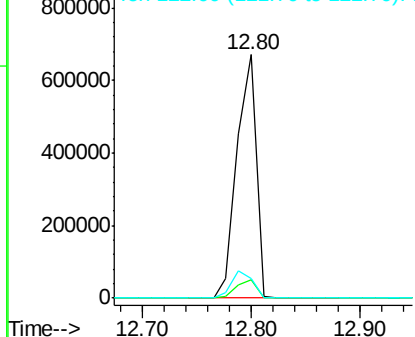


#78
Terphenyl-d14
Concen: 86.99 ng
RT: 12.80 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Tgt Ion:244 Resp: 812280
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 8.0 11.2 16.8#



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

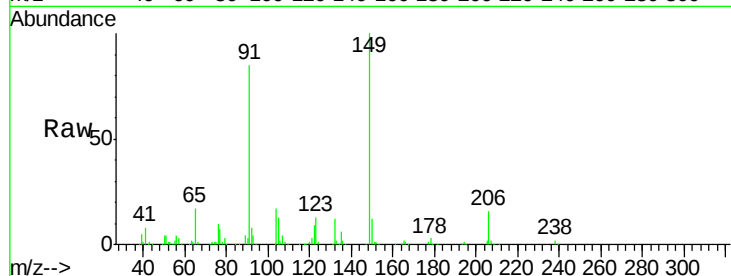




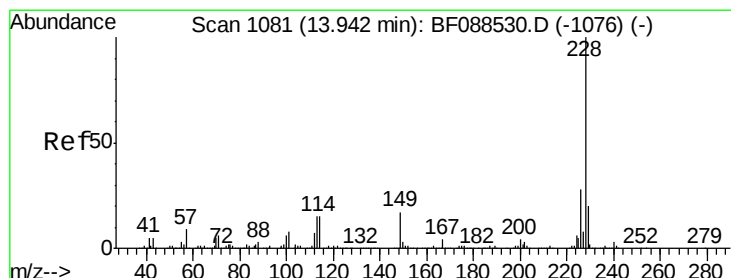
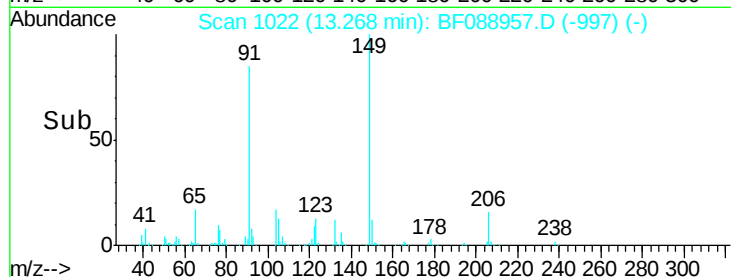
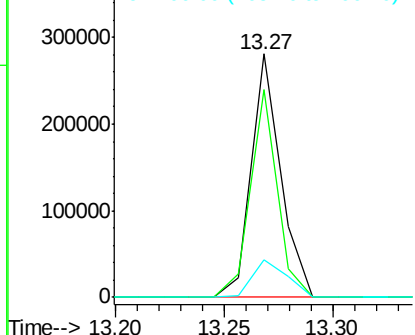
#79
Butylbenzylphthalate
Concen: 33.71 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 265123
Ion Ratio Lower Upper
149 100
91 85.3 48.0 72.0#
206 15.6 16.0 24.0#

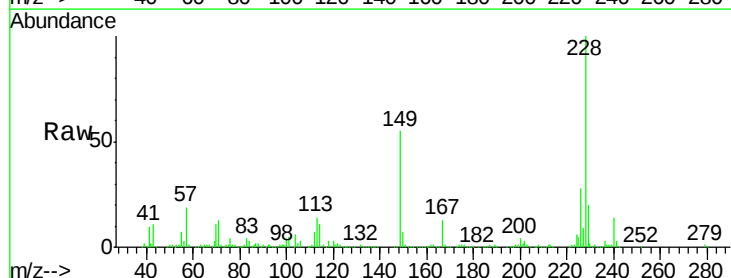


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

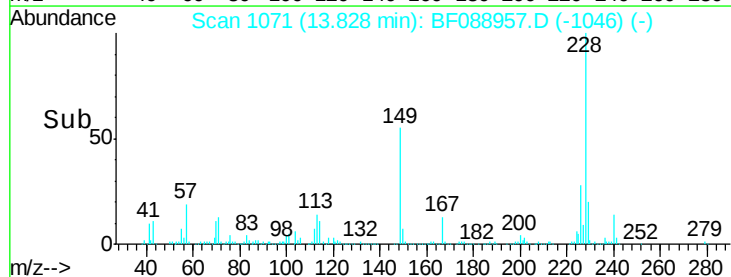
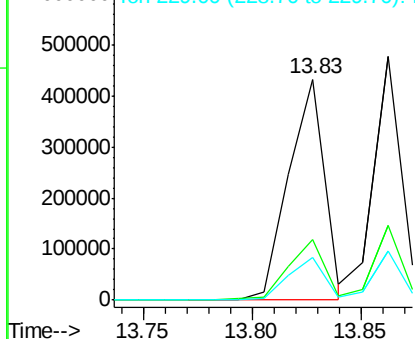


#80
Benzo(a)anthracene
Concen: 37.19 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Tgt Ion:228 Resp: 497999
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 19.6 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

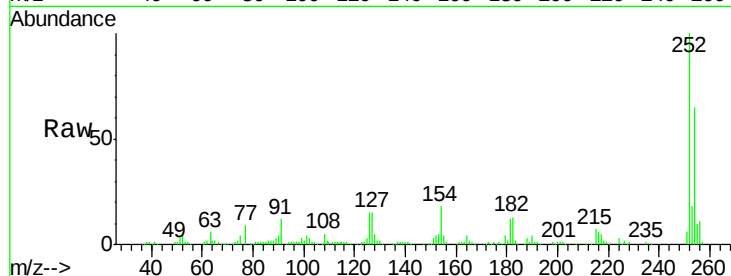




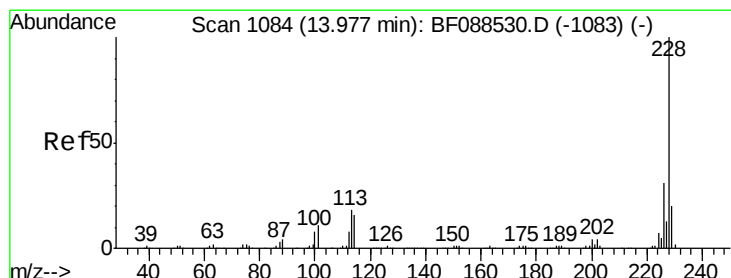
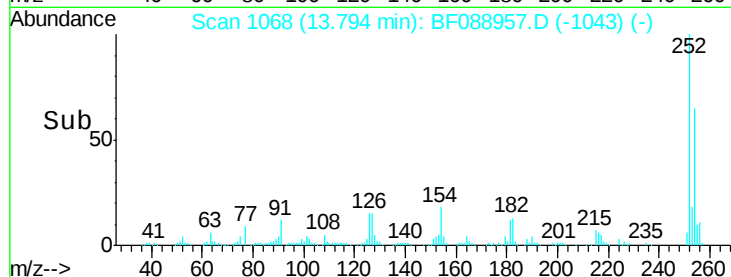
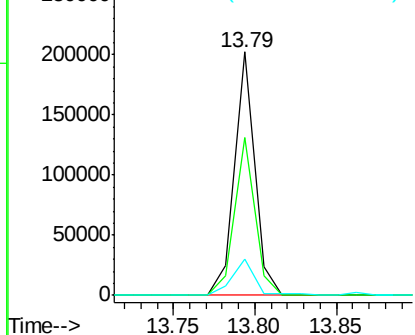
#81
 3,3'-Dichlorobenzidine
 Concen: 34.35 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: BF088957.D
 Acq: 13 Jul 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 172937
 Ion Ratio Lower Upper
 252 100
 254 64.9 52.6 78.8
 126 14.9 6.2 9.2#

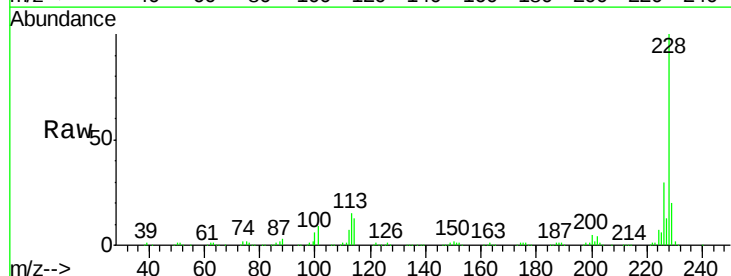


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

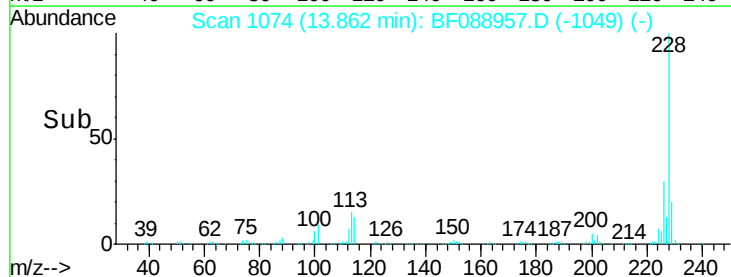
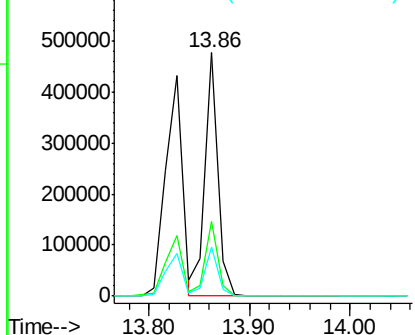


#82
 Chrysene
 Concen: 32.46 ng
 RT: 13.86 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF088957.D
 Acq: 13 Jul 2016 14:30

Tgt Ion:228 Resp: 430054
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.4 38.2
 229 20.0 16.3 24.5



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

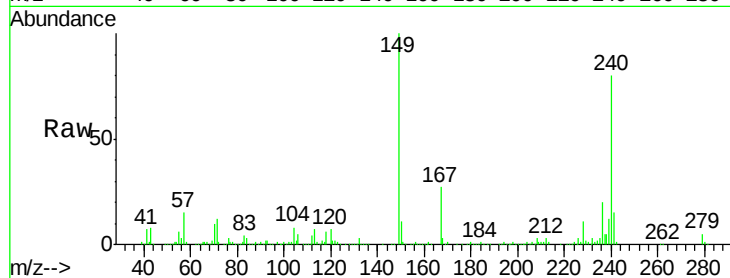




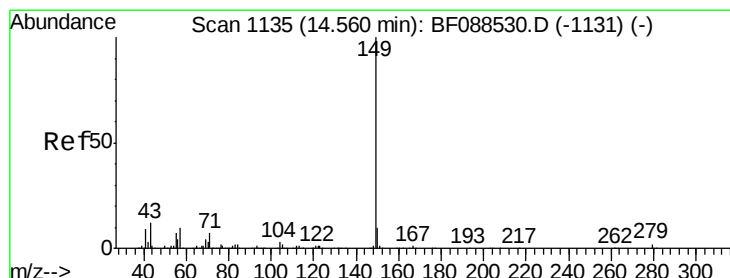
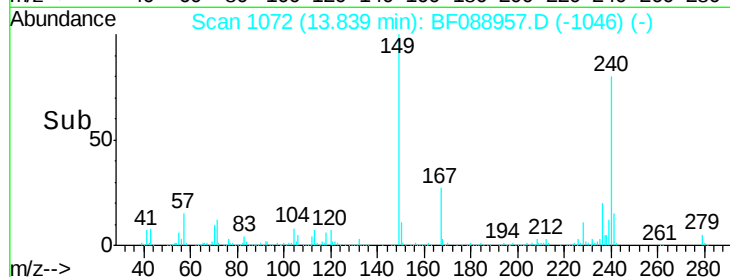
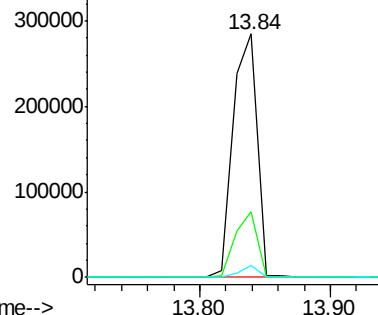
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.05 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BF088957.D
 Acq: 13 Jul 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 368677
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.5 30.7
 279 5.0 2.0 3.0#

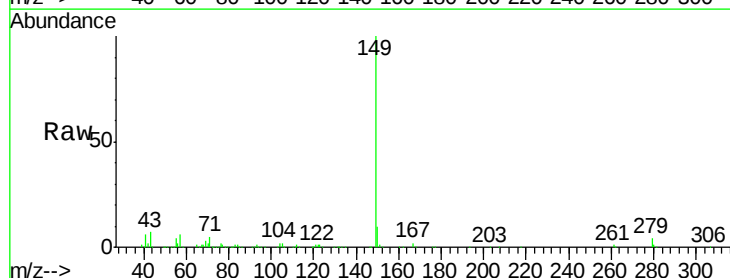


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

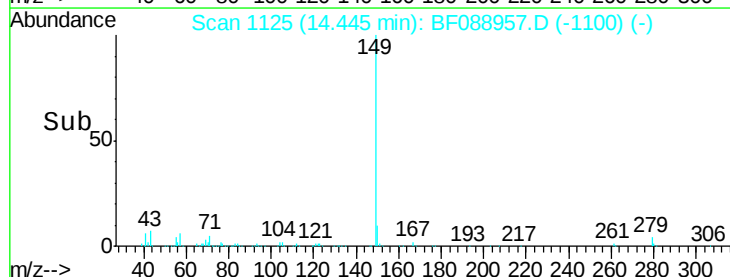
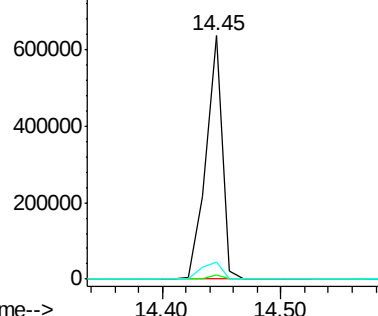


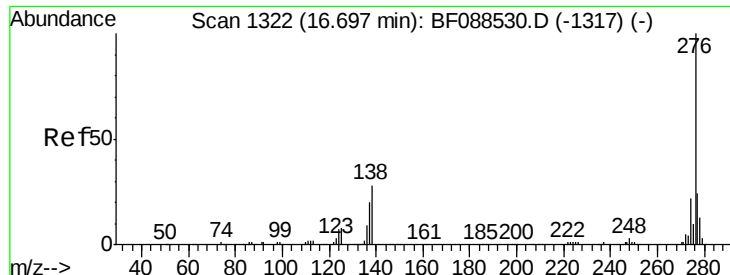
#84
 Di-n-octyl phthalate
 Concen: 39.59 ng
 RT: 14.45 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF088957.D
 Acq: 13 Jul 2016 14:30

Tgt Ion:149 Resp: 604058
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 9.0 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

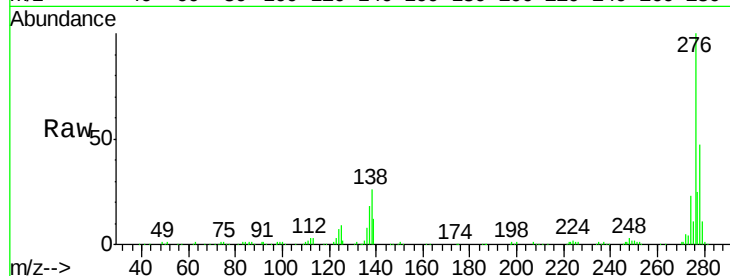




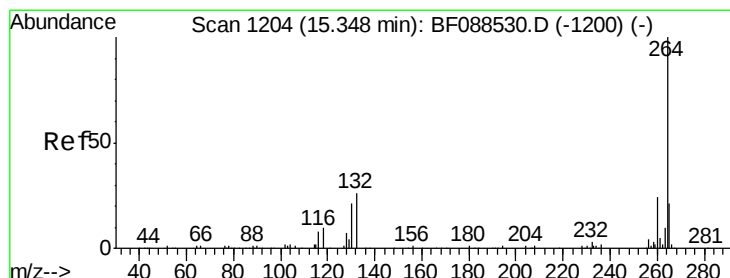
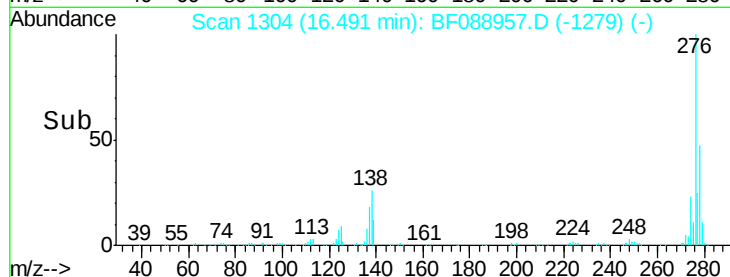
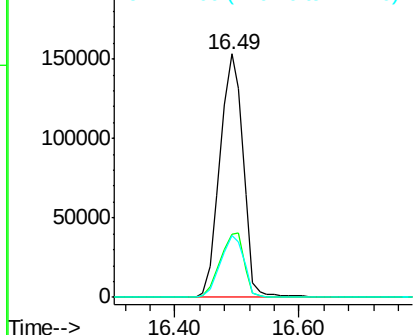
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.99 ng
 RT: 16.49 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF088957.D
 Acq: 13 Jul 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 397435
 Ion Ratio Lower Upper
 276 100
 138 27.1 0.0 0.0#
 277 25.6 0.0 0.0#

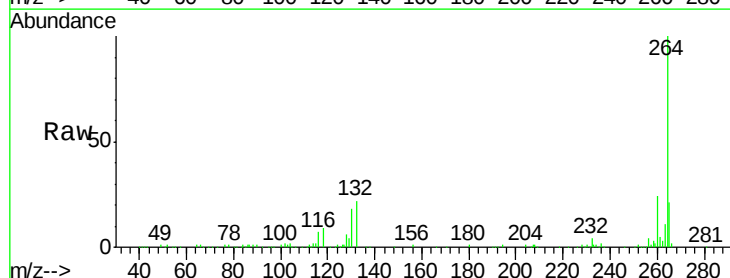


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

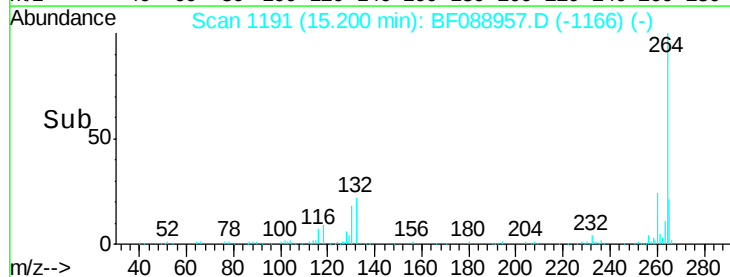
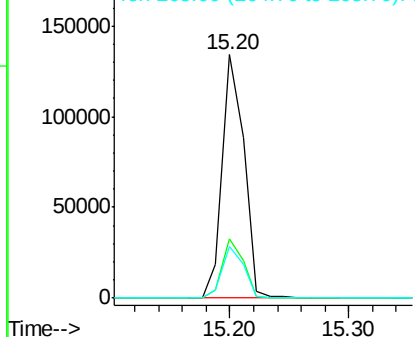


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF088957.D
 Acq: 13 Jul 2016 14:30

Tgt Ion:264 Resp: 169804
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.2 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

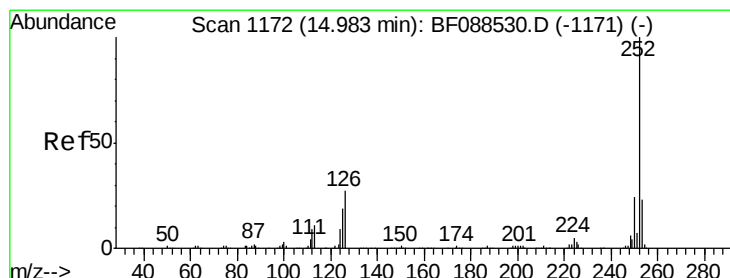
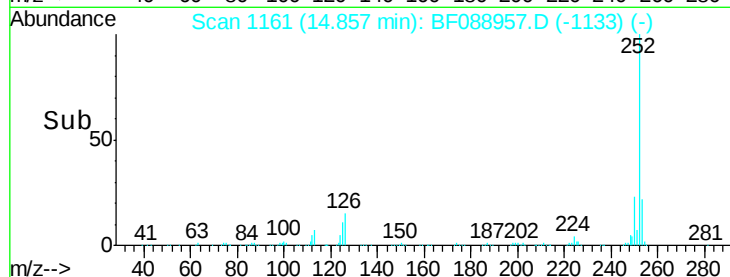
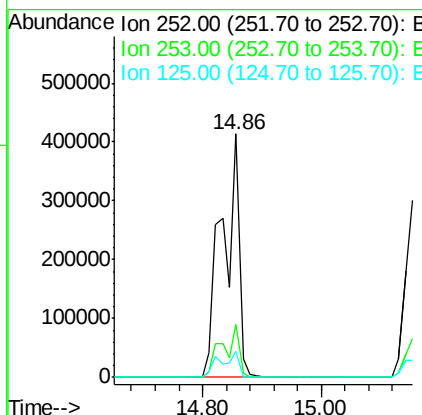
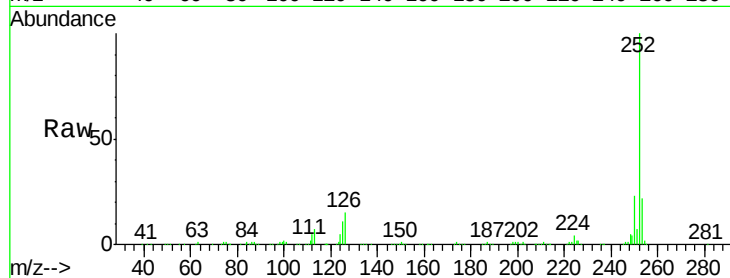




#87
Benzo(b)fluoranthene
Concen: 76.37 ng
RT: 14.86 min Scan# 1161
Delta R.T. 0.02 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

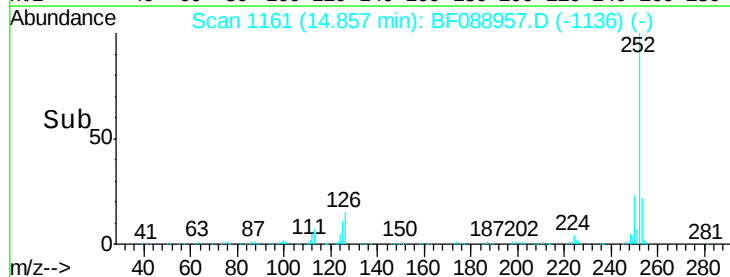
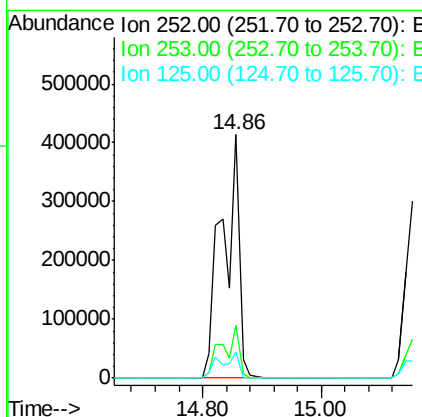
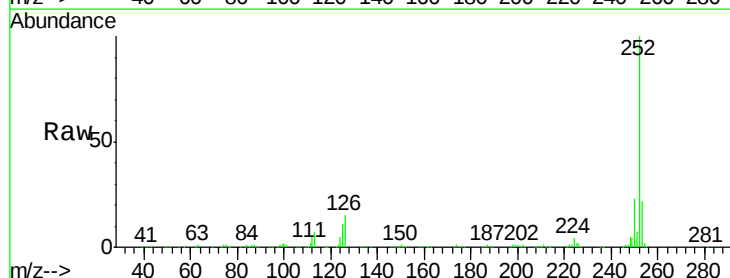
Instrument :
BNA_F
ClientSampled :

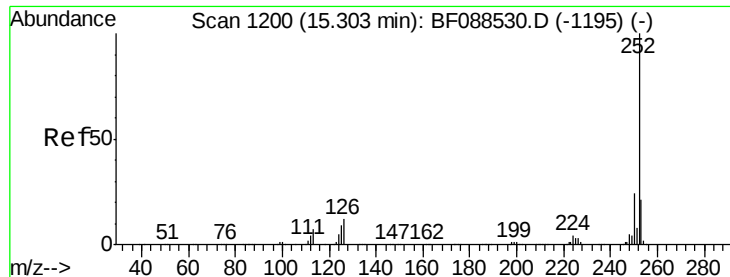
Tot Ion:252 Resp: 813513
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.6 7.1 10.7



#88
Benzo(k)fluoranthene
Concen: 87.73 ng
RT: 14.86 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Tgt Ion:252 Resp: 813513
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.6 11.2 16.8#

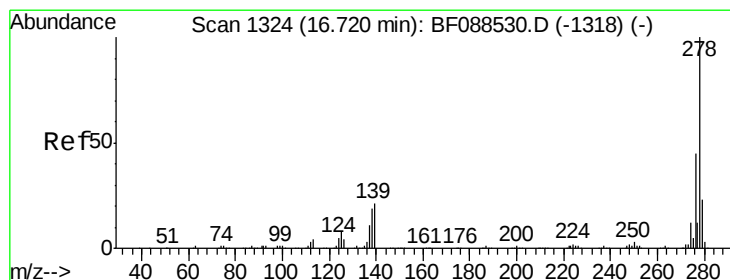
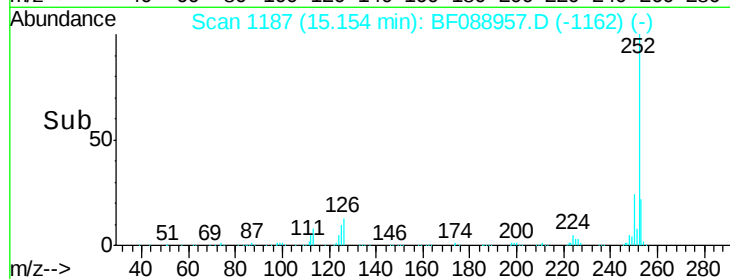
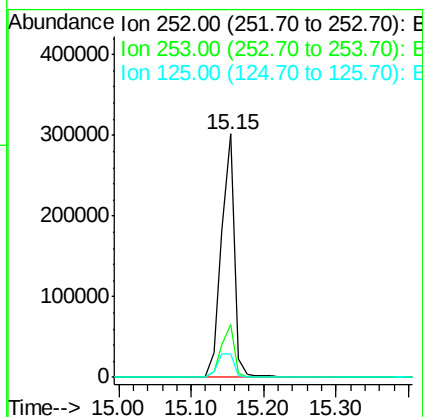
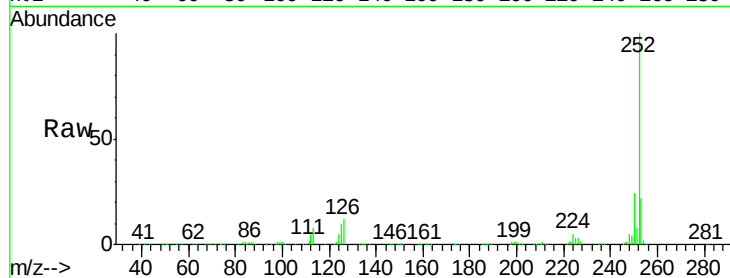




#89
Benzo(a)pyrene
Concen: 41.80 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

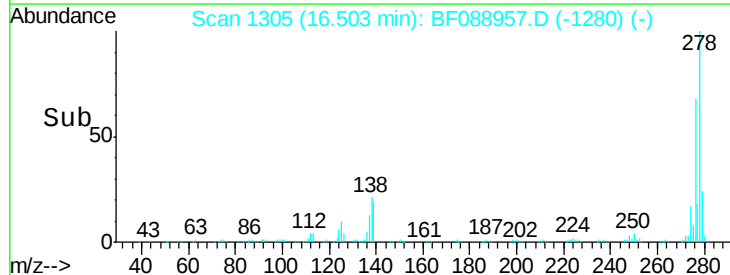
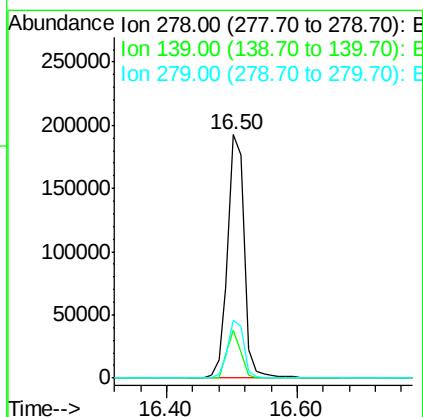
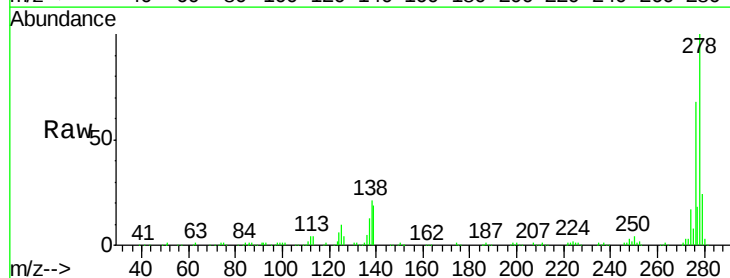
Instrument :
BNA_F
ClientSampleId :

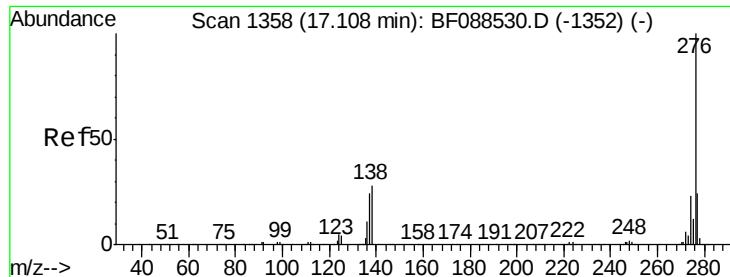
Tot Ion:252 Resp: 376945
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 9.9 12.5 18.7#



#90
Dibenzo(a,h)anthracene
Concen: 45.40 ng
RT: 16.50 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF088957.D
Acq: 13 Jul 2016 14:30

Tgt Ion:278 Resp: 341926
Ion Ratio Lower Upper
278 100
139 19.4 15.7 23.5
279 23.6 19.4 29.2





#91

Benzo(a,h,i)perylene

Concen: 44.80 ng

RT: 16.88 min Scan# 1338

Delta R.T. -0.01 min

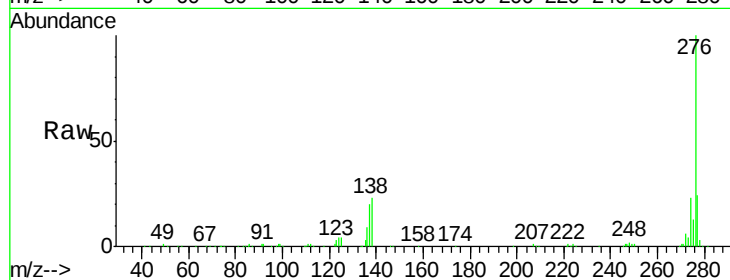
Lab File: BF088957.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 349133

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 23.1 21.4 32.2

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

