

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088665.D
 Acq On : 3 Jul 2016 23:48
 Operator : UM/SJ
 Sample : H3817-08MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 05:02:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	120345	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	445561	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	217531	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	427387	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	273097	20.00	ng	-0.03
86) Perylene-d12	15.31	264	245020	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	889320	110.75	ng	-0.01
7) Phenol-d6	6.42	99	1192711	114.95	ng	-0.02
23) Nitrobenzene-d5	7.35	82	688107	80.93	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	244431	121.01	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1055687	76.66	ng	-0.03
78) Terphenyl-d14	12.88	244	779615	63.58	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.39	88	127045	31.91	ng	# 35
3) Pyridine	3.07	79	180853	15.66	ng	94
4) n-Nitrosodimethylamine	3.02	42	88165	19.98	ng	84
6) Aniline	6.44	93	217860	14.41	ng	93
8) 2-Chlorophenol	6.57	128	213071	24.69	ng	93
9) Benzaldehyde	6.32	77	139739	19.88	ng	# 80
10) Phenol	6.43	94	229818	19.41	ng	# 64
11) bis(2-Chloroethyl)ether	6.52	93	202067	22.88	ng	89
12) 1,3-Dichlorobenzene	6.80	146	188031	19.80	ng	96
13) 1,4-Dichlorobenzene	6.80	146	188031	19.95	ng	95
14) 1,2-Dichlorobenzene	6.96	146	167415	18.97	ng	97
15) Benzyl Alcohol	6.92	79	174091	22.80	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	242174	18.94	ng	91
17) 2-Methylphenol	7.04	107	149276	21.20	ng	97
18) Hexachloroethane	7.30	117	64634	17.73	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	131964	18.93	ng	94
20) 3+4-Methylphenols	7.20	107	204625	24.22	ng	# 84
22) Acetophenone	7.20	105	273241	25.27	ng	# 90
24) Nitrobenzene	7.37	77	218806	25.52	ng	95
25) Isophorone	7.61	82	395416	25.11	ng	99
26) 2-Nitrophenol	7.68	139	87242	24.82	ng	90
27) 2,4-Dimethylphenol	7.72	122	168576	23.02	ng	90
28) bis(2-Chloroethoxy)methane	7.83	93	249436	24.34	ng	# 96
29) 2,4-Dichlorophenol	7.93	162	152036	25.69	ng	92
30) 1,2,4-Trichlorobenzene	8.01	180	139597	21.50	ng	100
31) Naphthalene	8.09	128	520505	23.70	ng	99
32) Benzoic acid	7.80	122	37623	7.08	ng	92
33) 4-Chloroaniline	8.14	127	136628	13.98	ng	96
34) Hexachlorobutadiene	8.22	225	68555	19.72	ng	98
35) Caprolactam	8.52	113	33482	16.66	ng	87
36) 4-Chloro-3-methylphenol	8.62	107	177099	25.31	ng	89
37) 2-Methylnaphthalene	8.78	142	318819	22.54	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	132077	18.25	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	162586	45.78	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	115963	24.31	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	119951	29.23	nq	# 95
45) 1,1'-Biphenyl	9.24	154	408470	22.68	nq	99
46) 2-Chloronaphthalene	9.27	162	326338	23.08	nq	98
47) 2-Nitroaniline	9.36	65	120247	23.96	nq	98
48) Acenaphthylene	9.68	152	512115	22.76	nq	100
49) Dimethylphthalate	9.55	163	555216	35.83	nq	97
50) 2,6-Dinitrotoluene	9.60	165	89260	25.99	nq	# 38
51) Acenaphthene	9.85	154	334846	24.28	nq	99
52) 3-Nitroaniline	9.77	138	84844	19.43	nq	94
53) 2,4-Dinitrophenol	9.87	184	71842	47.37	nq	91
54) Dibenzofuran	10.02	168	440359	24.39	nq	# 90
55) 4-Nitrophenol	9.93	139	249837	75.30	nq	96
56) 2,4-Dinitrotoluene	10.00	165	118509	26.39	nq	# 39
57) Fluorene	10.36	166	340724	24.49	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	87287	27.49	nq	# 51
59) Diethylphthalate	10.25	149	415839	26.74	nq	98
60) 4-Chlorophenyl-phenylether	10.36	204	140800	21.78	nq	# 88
61) 4-Nitroaniline	10.38	138	88779	21.13	nq	84
62) Azobenzene	10.51	77	425032	23.96	nq	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	56157	24.57	nq	# 70
65) n-Nitrosodiphenylamine	10.48	169	343272	23.73	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	85020	19.74	nq	# 81
67) Hexachlorobenzene	10.91	284	94240	19.77	nq	# 77
68) Atrazine	11.00	200	106171	23.56	nq	93
69) Pentachlorophenol	11.11	266	185836	65.86	nq	98
70) Phenanthrene	11.33	178	480199	20.55	nq	98
71) Anthracene	11.37	178	487548	20.99	nq	99
72) Carbazole	11.52	167	496960	22.73	nq	98
73) Di-n-butylphthalate	11.86	149	502155	19.74	nq	99
74) Fluoranthene	12.50	202	438869	18.53	nq	97
76) Benzidine	12.63	184	304677	22.07	nq	98
77) Pyrene	12.73	202	421707	18.21	nq	98
79) Butylbenzylphthalate	13.36	149	189186	18.32	nq	95
80) Benzo(a)anthracene	13.91	228	320222	18.21	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	98452	14.89	nq	# 96
82) Chrysene	13.94	228	281520	16.18	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	254633	21.59	nq	100
84) Di-n-octyl phthalate	14.53	149	424119	21.17	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.64	276	232591	17.38	nq	# 100
87) Benzo(b)fluoranthene	14.95	252	493998	32.14	nq	99
88) Benzo(k)fluoranthene	14.95	252	493998	36.92	nq	# 93
89) Benzo(a)pyrene	15.25	252	222825	17.12	nq	99
90) Dibenzo(a,h)anthracene	16.65	278	197990	18.22	nq	99
91) Benzo(g,h,i)perylene	17.04	276	189951	16.89	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampled :

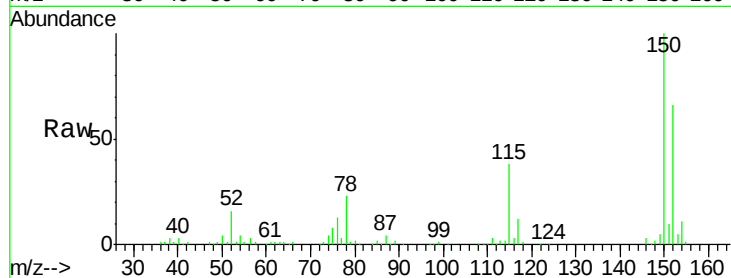
Tot Ion:152 Resp: 120345

Ion Ratio Lower Upper

152 100

150 152.3 123.8 185.6

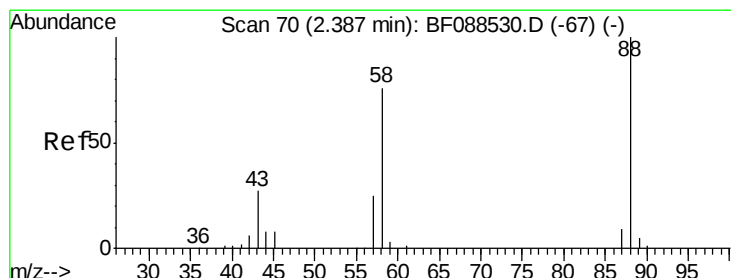
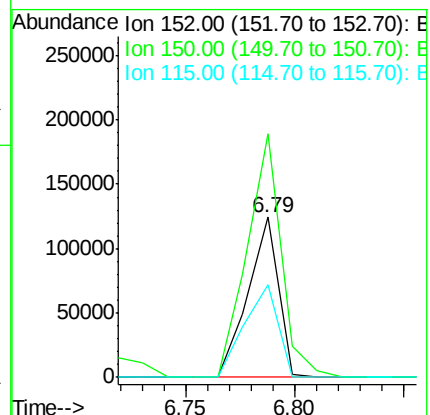
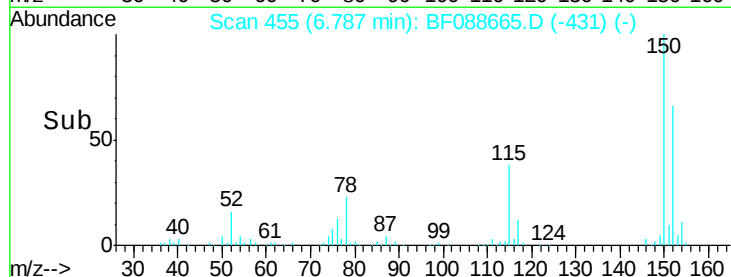
115 57.6 39.6 59.4



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: 31.91 ng

RT: 2.39 min Scan# 70

Delta R.T. -0.00 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

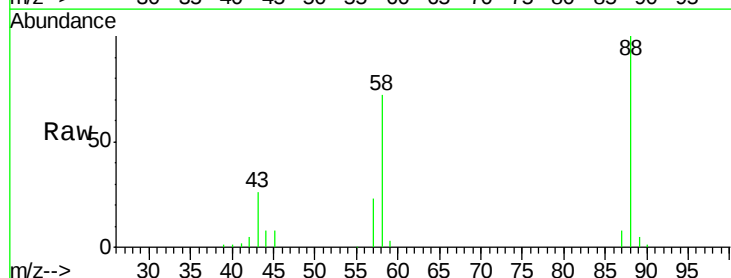
Tgt Ion: 88 Resp: 127045

Ion Ratio Lower Upper

88 100

58 70.4 0.0 0.0#

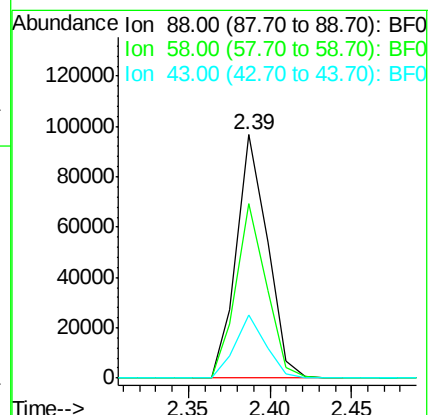
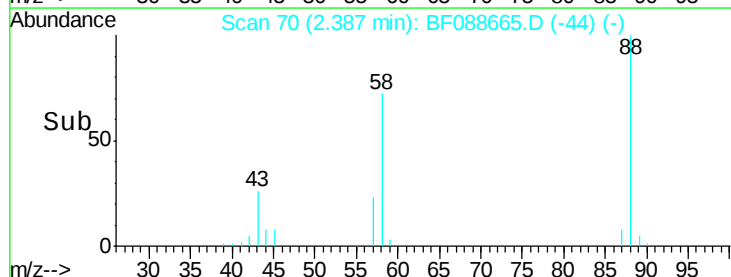
43 25.8 3.4 5.2#



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: 15.66 ng

RT: 3.07 min Scan# 130

Delta R.T. -0.01 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampled :

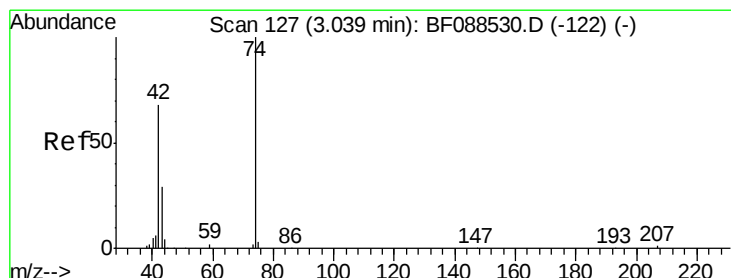
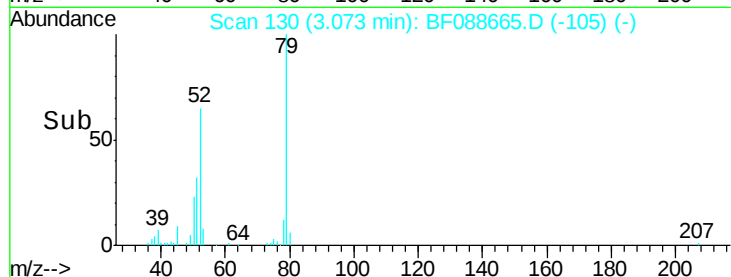
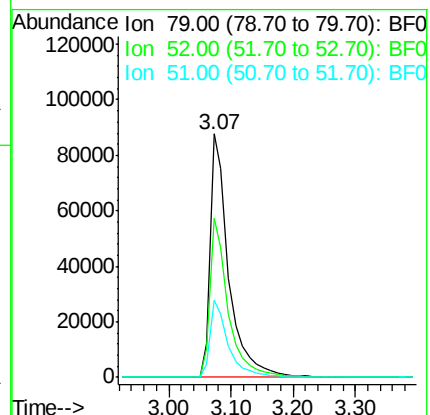
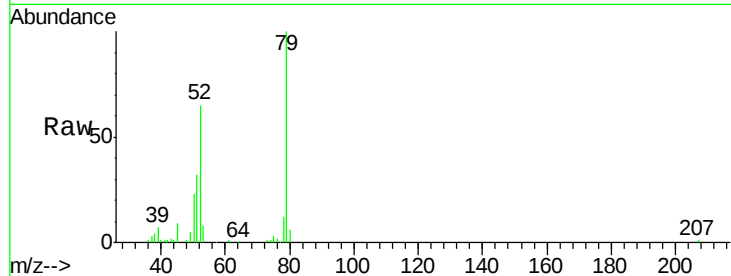
Tot Ion: 79 Resp: 180853

Ion Ratio Lower Upper

79 100

52 65.2 56.3 84.5

51 31.9 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 19.98 ng

RT: 3.02 min Scan# 125

Delta R.T. -0.02 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

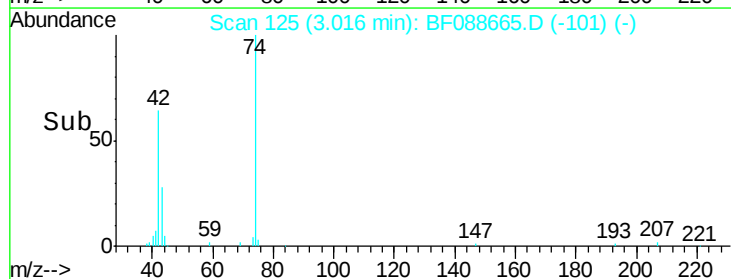
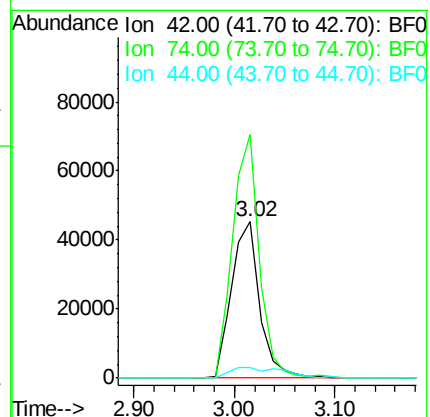
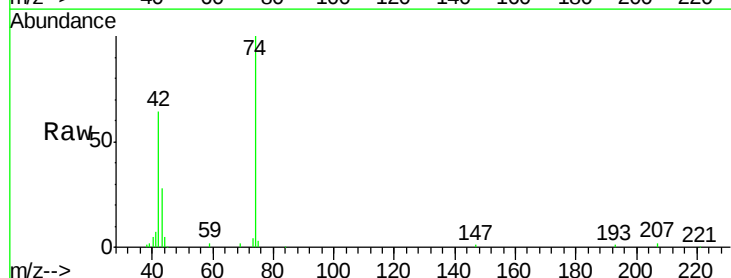
Tgt Ion: 42 Resp: 88165

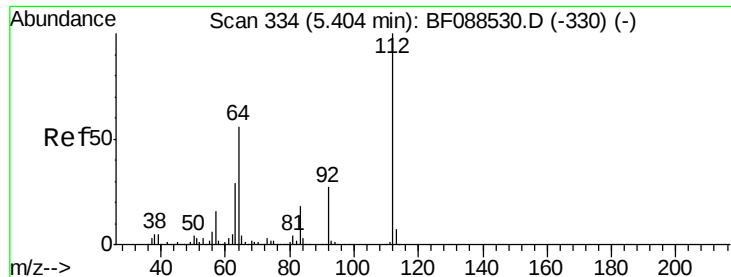
Ion Ratio Lower Upper

42 100

74 156.0 108.6 163.0

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 110.75 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

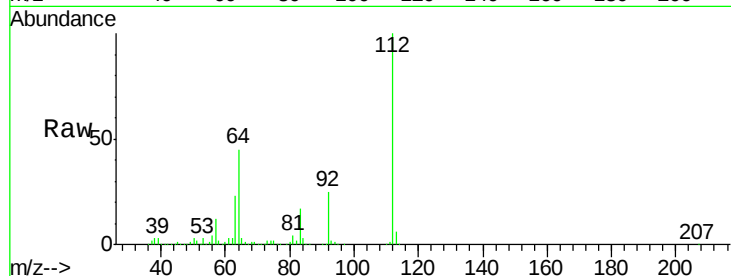
Tot Ion:112 Resp: 889320

Ion Ratio Lower Upper

112 100

64 44.6 42.2 63.2

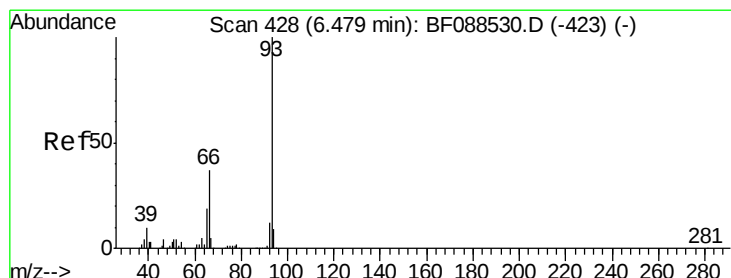
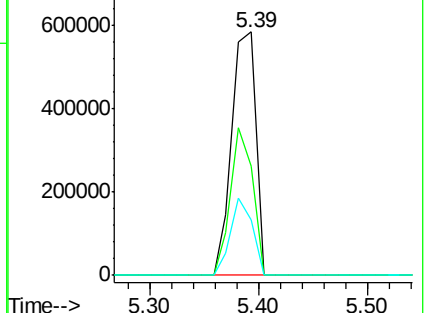
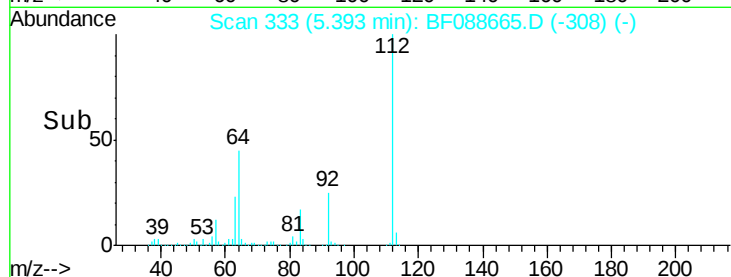
63 22.6 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): BF088530.D (-330) (-)

Ion 64.00 (63.70 to 64.70): BF088530.D (-330) (-)

Ion 63.00 (62.70 to 63.70): BF088530.D (-330) (-)



#6

Aniline

Concen: 14.41 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

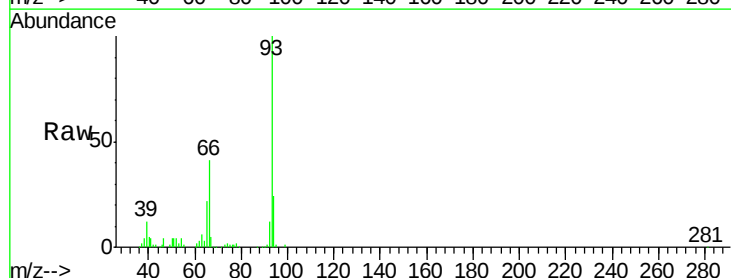
Tgt Ion: 93 Resp: 217860

Ion Ratio Lower Upper

93 100

66 41.3 29.8 44.8

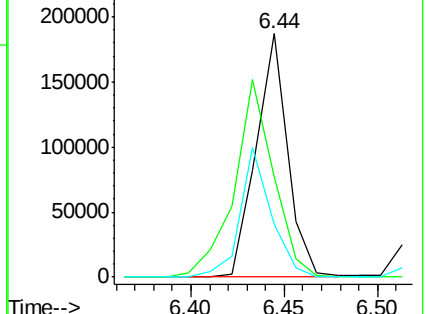
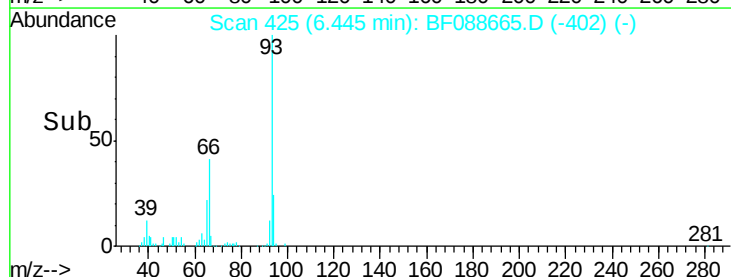
65 21.5 14.9 22.3



Abundance Ion 93.00 (92.70 to 93.70): BF088530.D (-423) (-)

Ion 66.00 (65.70 to 66.70): BF088530.D (-423) (-)

Ion 65.00 (64.70 to 65.70): BF088530.D (-423) (-)





#7

Phenol-d6

Concen: 114.95 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampled :

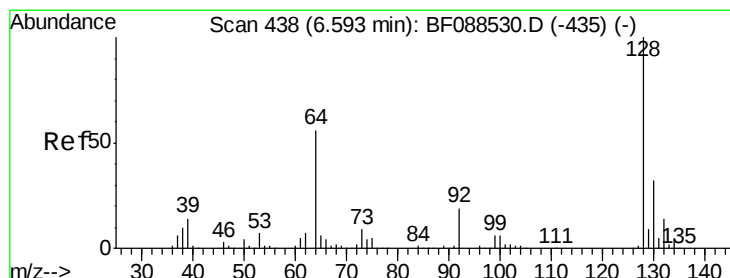
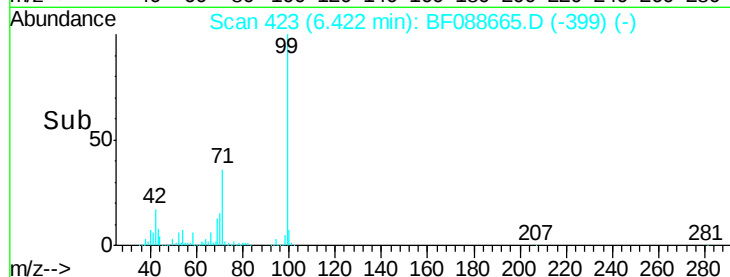
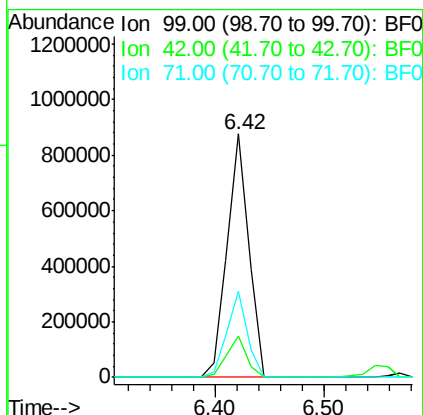
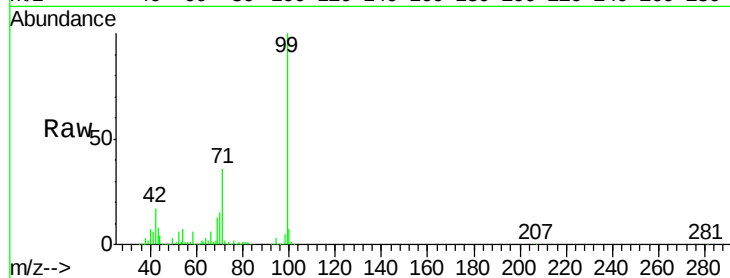
Tot Ion: 99 Resp: 1192711

Ion Ratio Lower Upper

99 100

42 17.1 12.2 18.2

71 35.5 23.4 35.0#



#8

2-Chlorophenol

Concen: 24.69 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

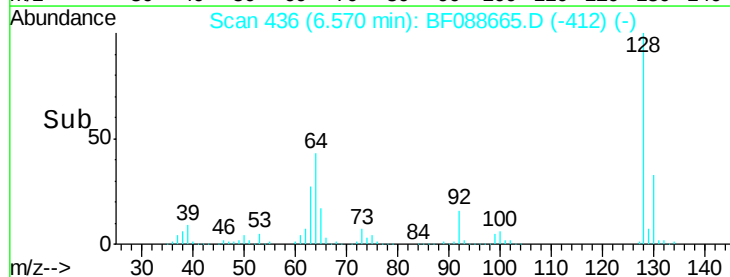
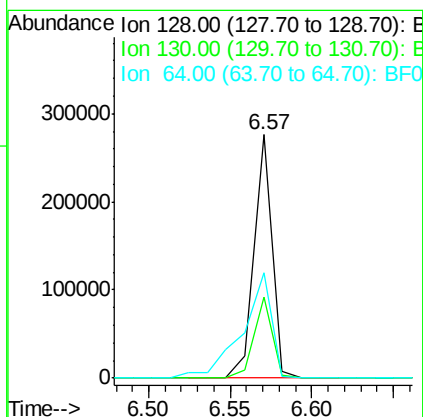
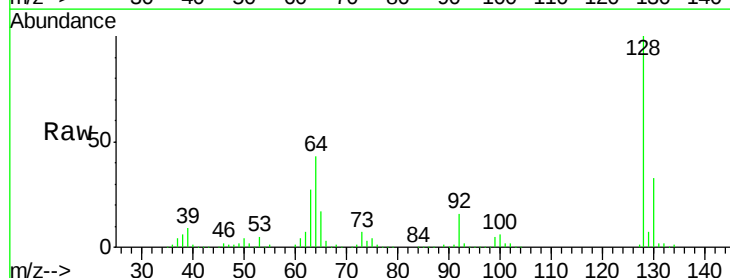
Tgt Ion: 128 Resp: 213071

Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

64 43.3 30.8 70.8





#9

Benzaldehyde

Concen: 19.88 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

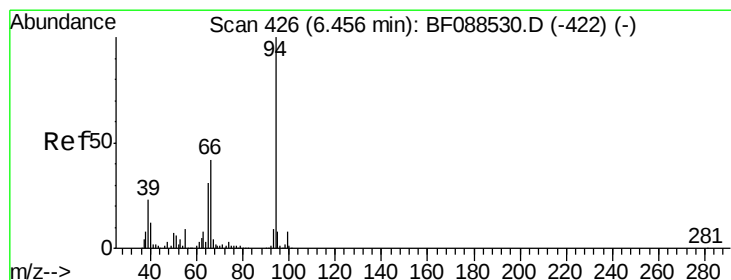
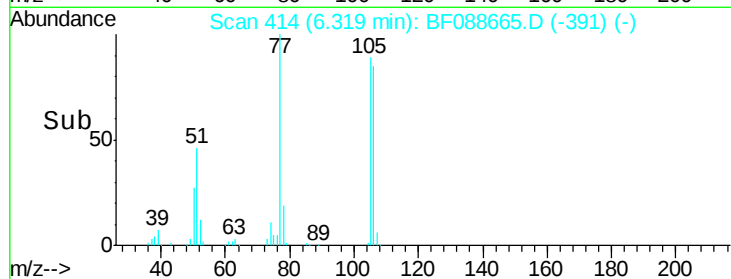
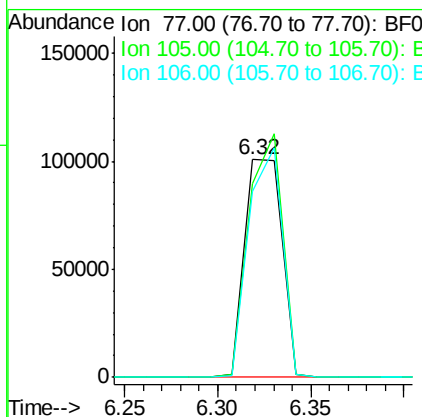
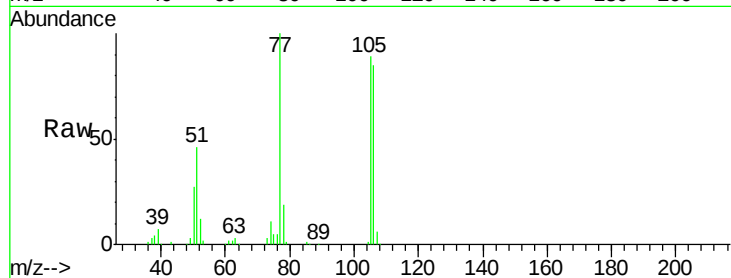
Tot Ion: 77 Resp: 139739

Ion Ratio Lower Upper

77 100

105 89.1 90.6 130.6#

106 85.5 85.3 125.3



#10

Phenol

Concen: 19.41 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

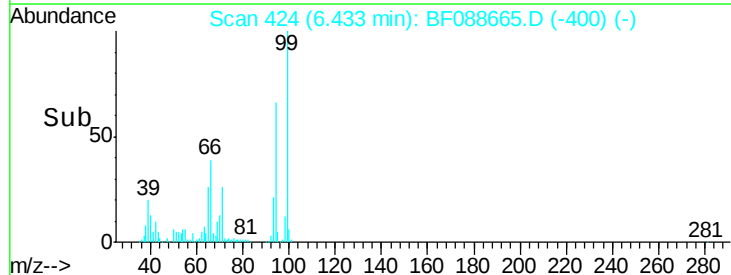
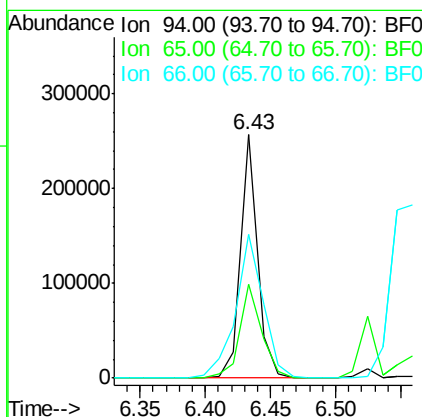
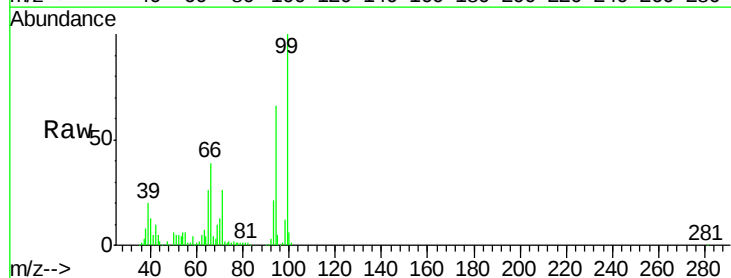
Tgt Ion: 94 Resp: 229818

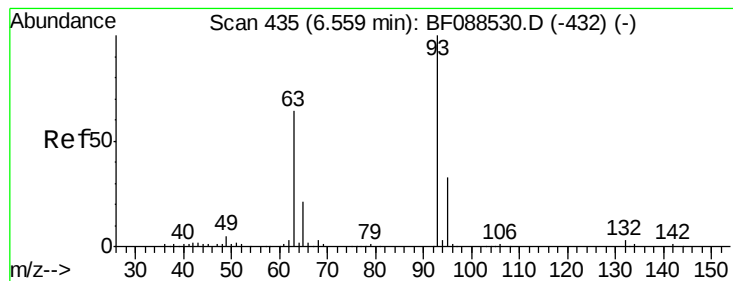
Ion Ratio Lower Upper

94 100

65 38.7 5.9 45.9

66 59.2 14.0 54.0#

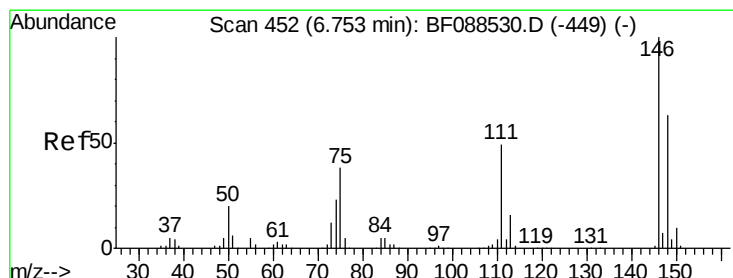
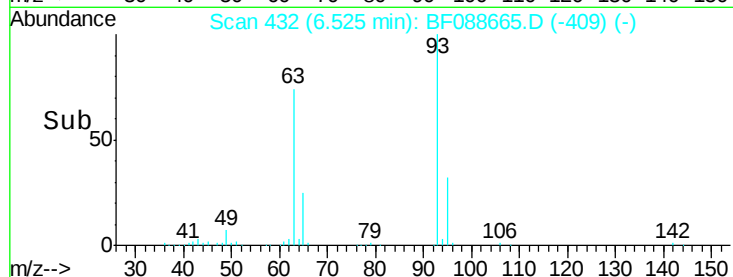
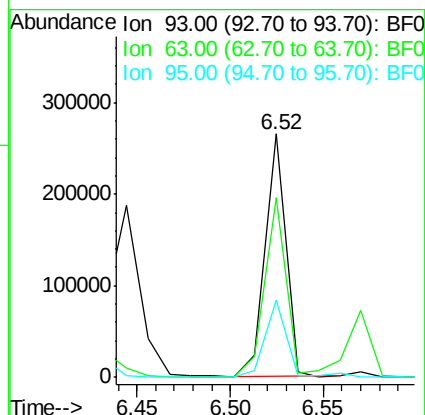
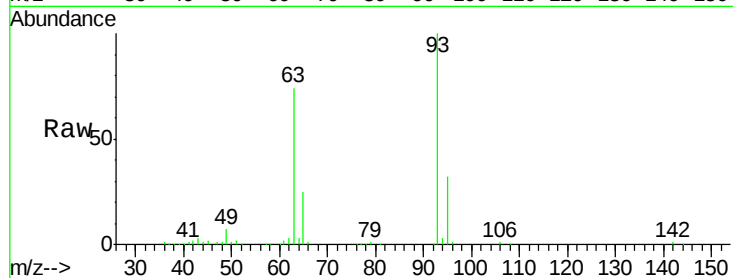




#11
bis(2-Chloroethyl)ether
Concen: 22.88 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

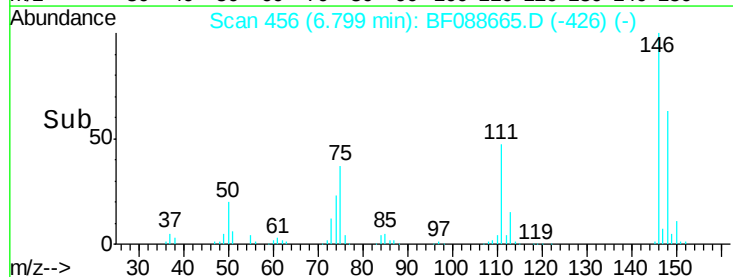
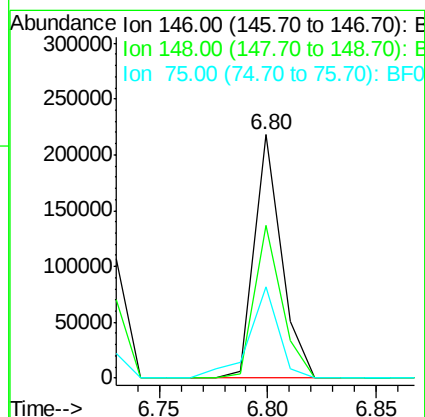
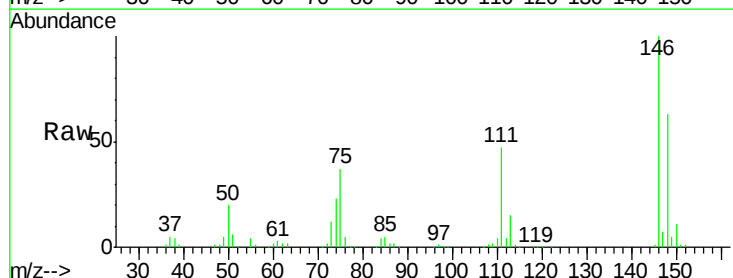
Instrument :
BNA_F
ClientSampleId :

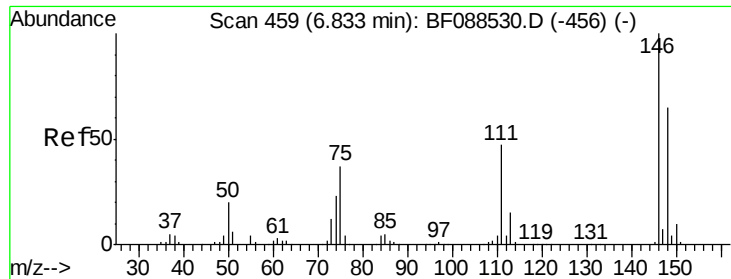
Tot Ion: 93 Resp: 202067
Ion Ratio Lower Upper
93 100
63 74.0 67.6 107.6
95 31.8 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 19.80 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.05 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion: 146 Resp: 188031
Ion Ratio Lower Upper
146 100
148 62.9 50.9 76.3
75 37.3 25.6 38.4

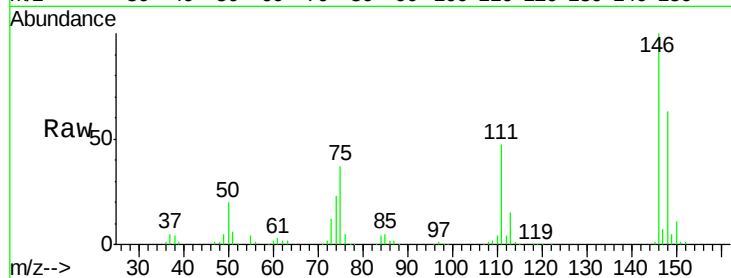




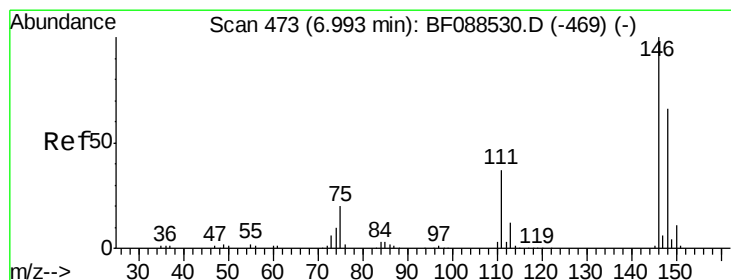
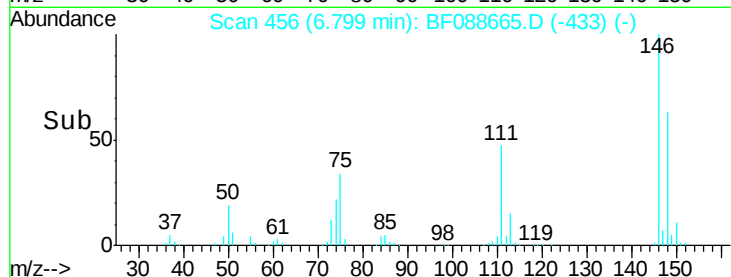
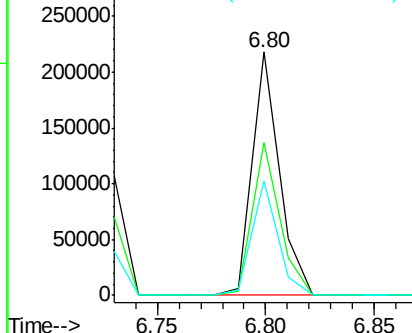
#13
 1,4-Dichlorobenzene
 Concen: 19.95 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 188031
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.0 78.0
 111 47.2 33.8 50.8

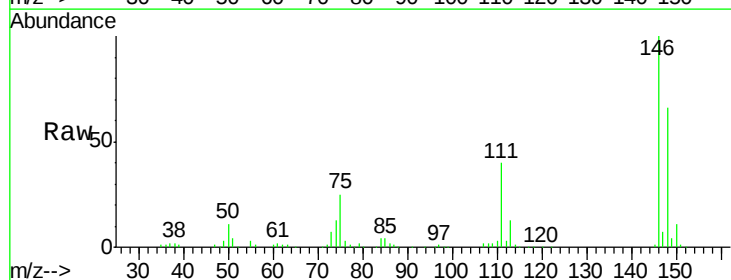


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

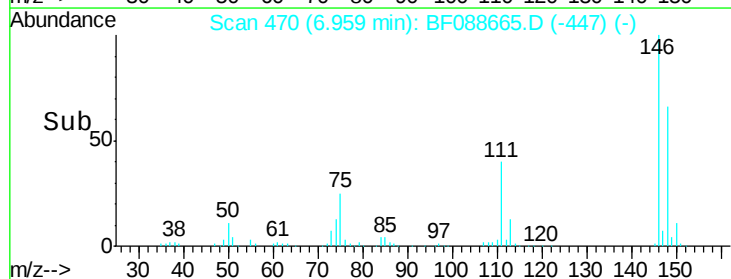
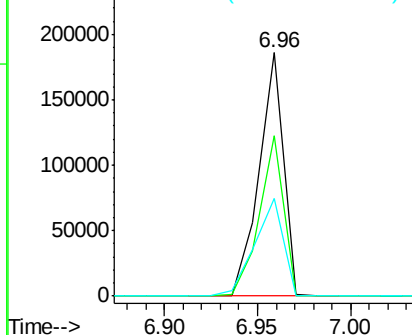


#14
 1,2-Dichlorobenzene
 Concen: 18.97 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Tgt Ion:146 Resp: 167415
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.3 78.5
 111 40.0 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: 22.80 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampled :

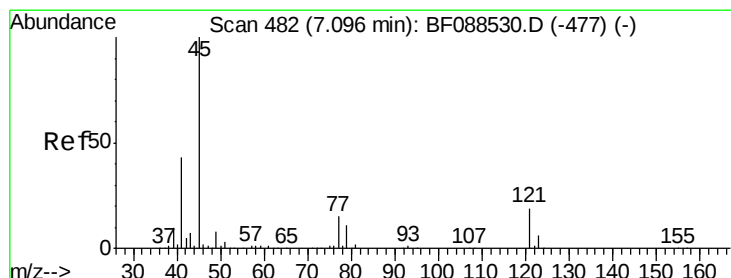
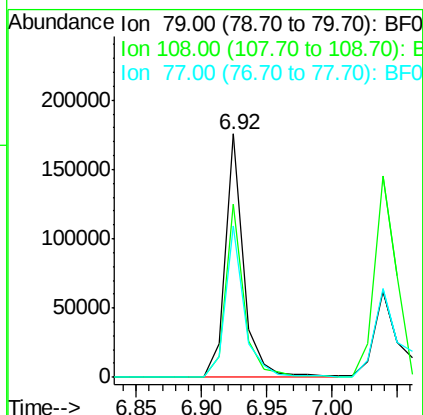
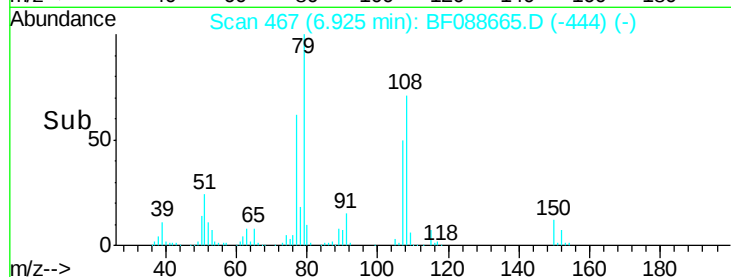
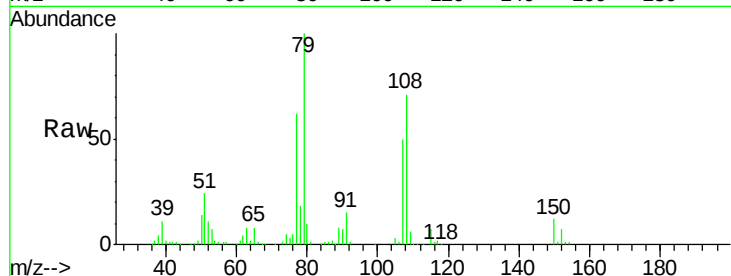
Tot Ion: 79 Resp: 174091

Ion Ratio Lower Upper

79 100

108 71.0 65.0 97.6

77 62.0 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 18.94 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

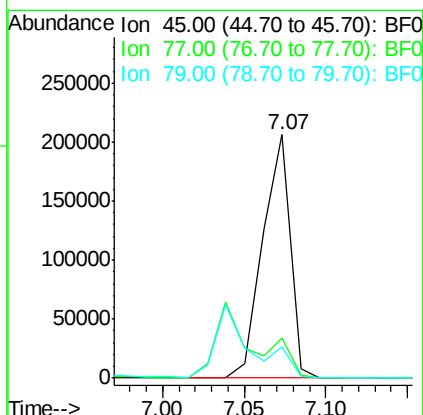
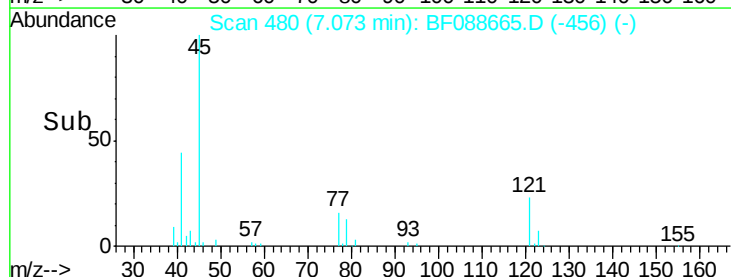
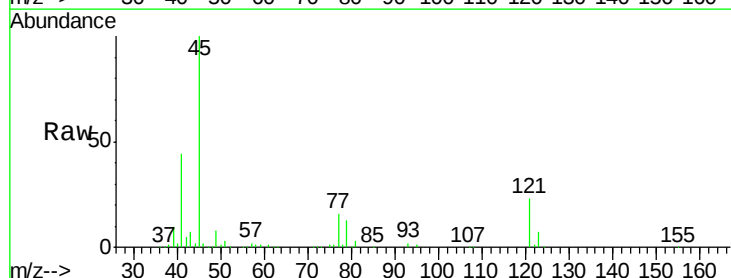
Tgt Ion: 45 Resp: 242174

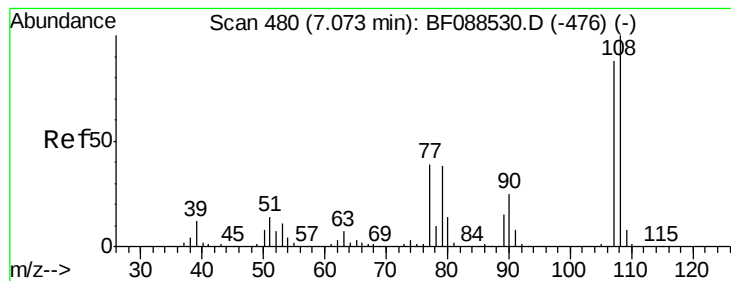
Ion Ratio Lower Upper

45 100

77 16.4 0.0 32.5

79 12.6 0.0 29.5

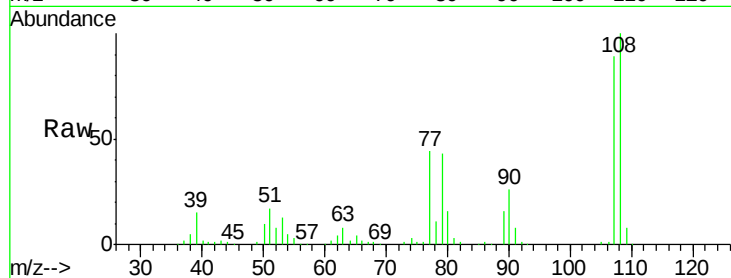




#17
2-Methylphenol
Concen: 21.20 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.9	136.3
77	50.1	36.6	55.0
79	48.4	36.5	54.7



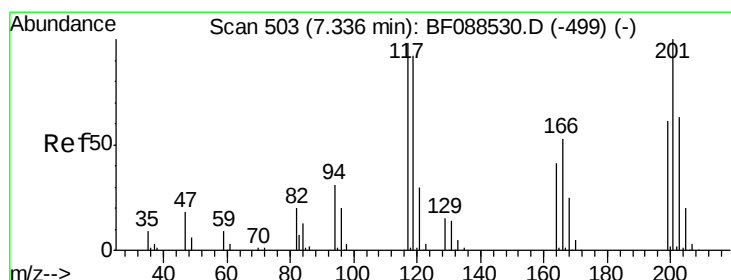
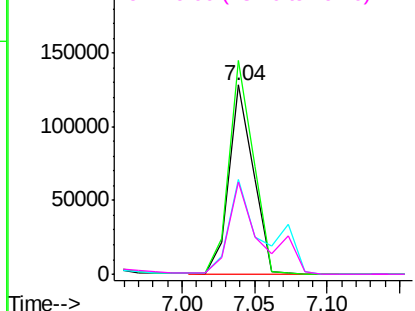
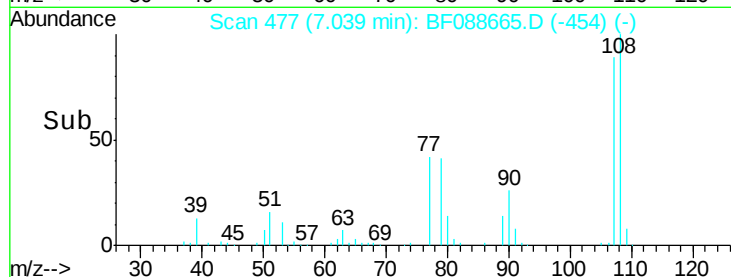
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

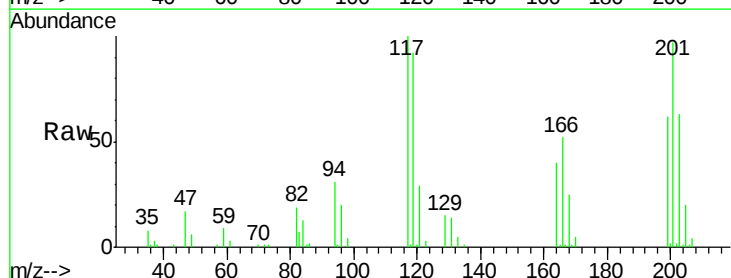
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 17.73 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	77.4	116.2
201	96.8	80.4	120.6

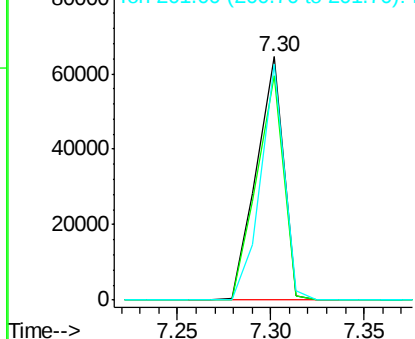
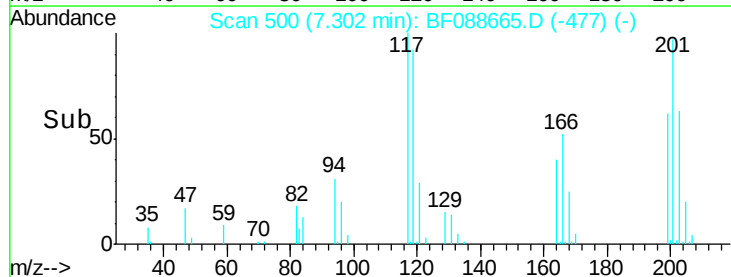


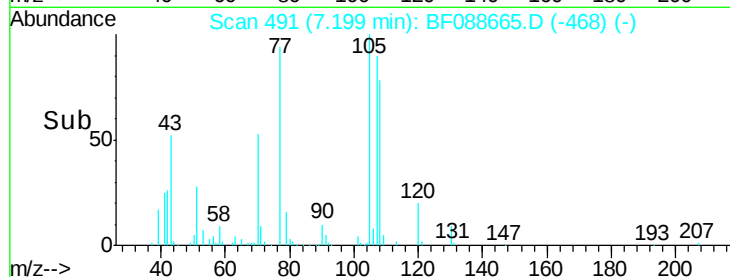
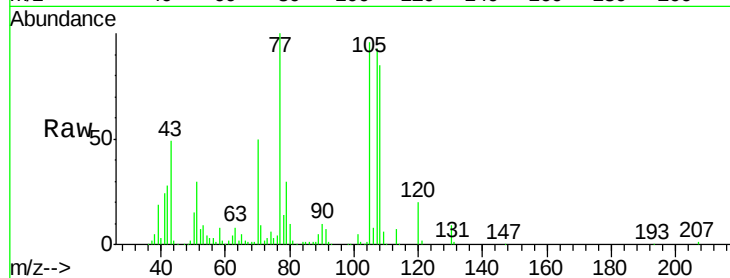
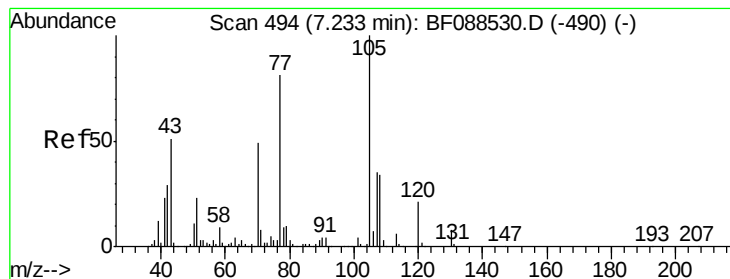
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 18.93 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 131964

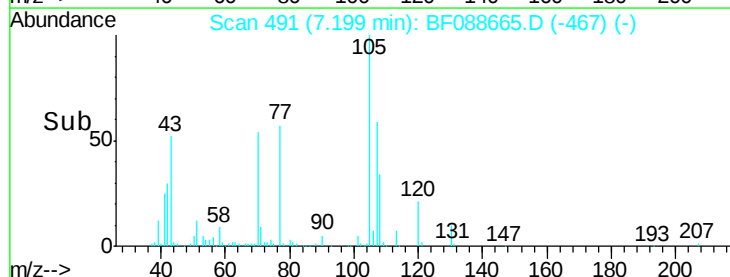
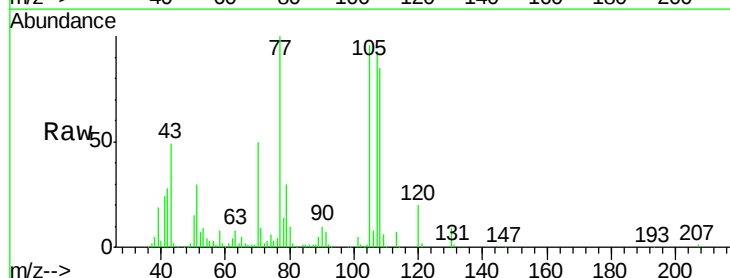
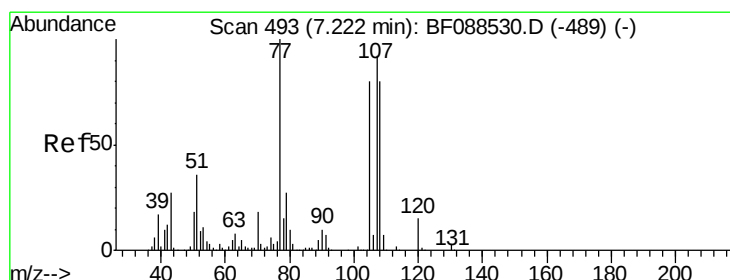
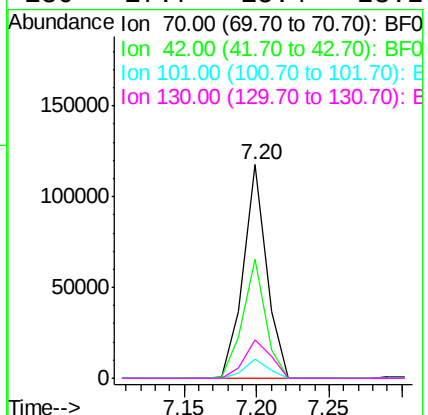
Ion Ratio Lower Upper

70 100

42 56.0 49.6 74.4

101 9.1 7.1 10.7

130 17.7 15.4 23.2



#20

3+4-Methylphenols

Concen: 24.22 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Tgt Ion: 107 Resp: 204625

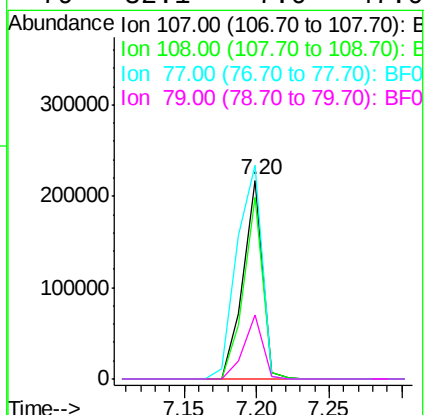
Ion Ratio Lower Upper

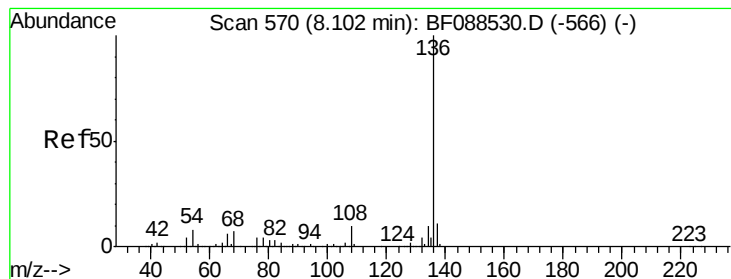
107 100

108 91.6 67.8 107.8

77 107.5 59.3 99.3#

79 32.1 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 445561

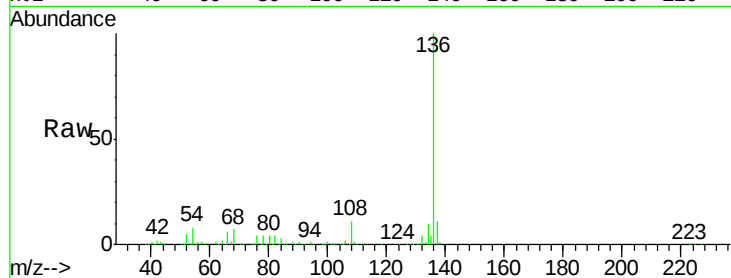
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.4 6.6 10.0

68 7.1 5.1 7.7

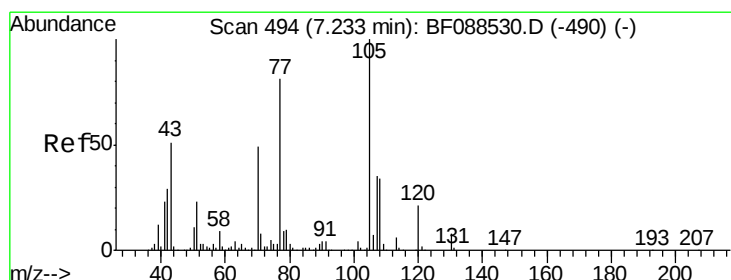
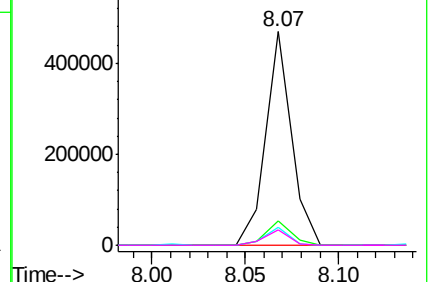
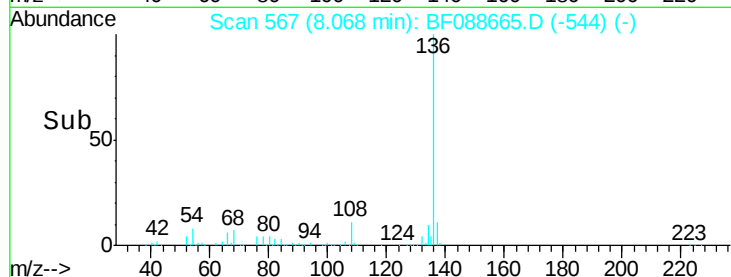


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 25.27 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Tgt Ion:105 Resp: 273241

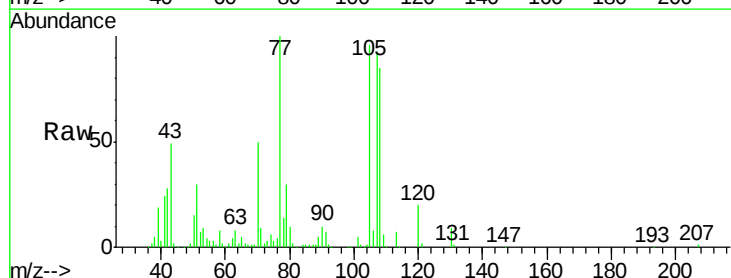
Ion Ratio Lower Upper

105 100

71 9.0 5.3 7.9#

51 31.1 18.2 27.4#

120 20.4 18.0 27.0

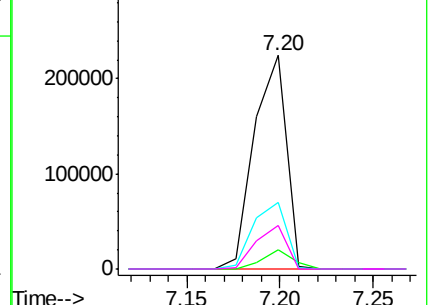
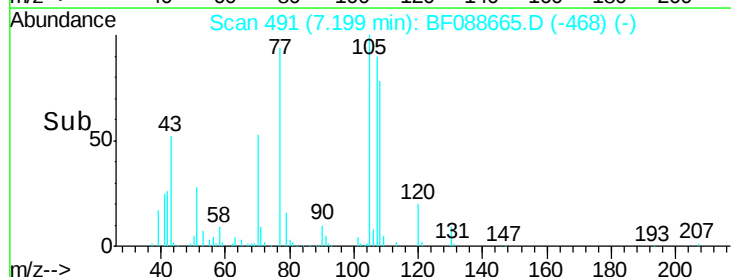


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

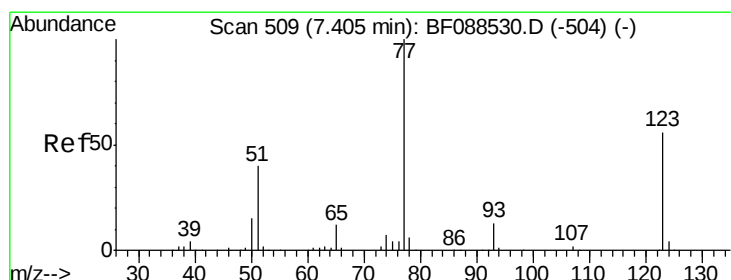
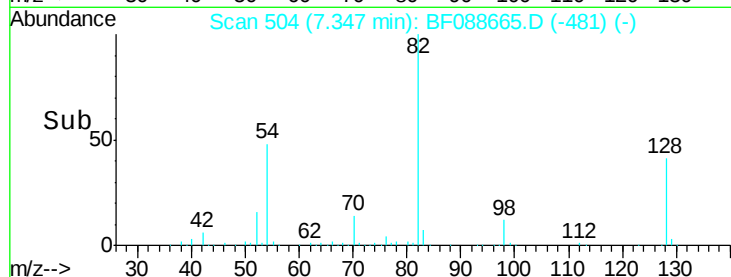
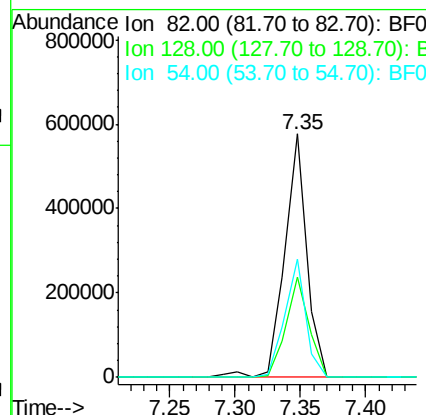
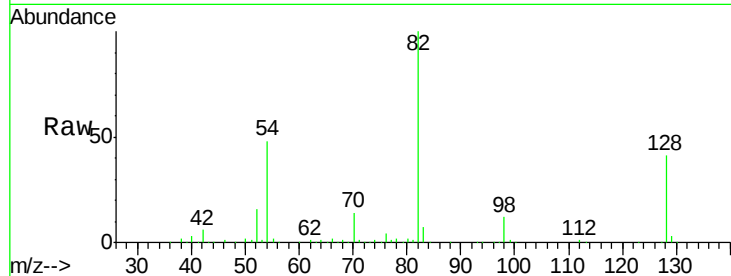




#23
 Nitrobenzene-d5
 Concen: 80.93 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

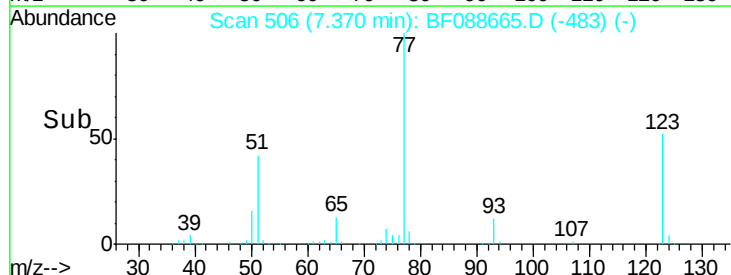
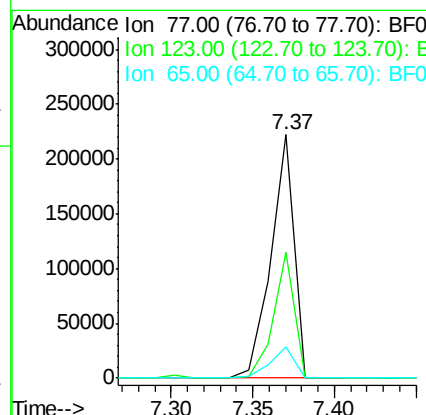
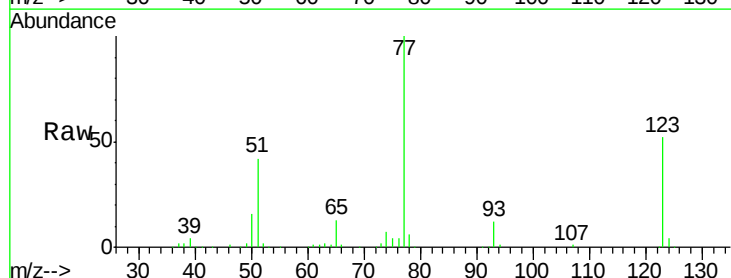
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	688107
Ion Ratio	100	Lower	Upper
128	41.3	35.9	53.9
54	48.4	40.9	61.3



#24
 Nitrobenzene
 Concen: 25.52 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Tgt Ion	77	Resp	218806
Ion Ratio	100	Lower	Upper
123	51.6	45.0	67.4
65	12.7	10.2	15.2





#25

Isophorone

Concen: 25.11 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampled :

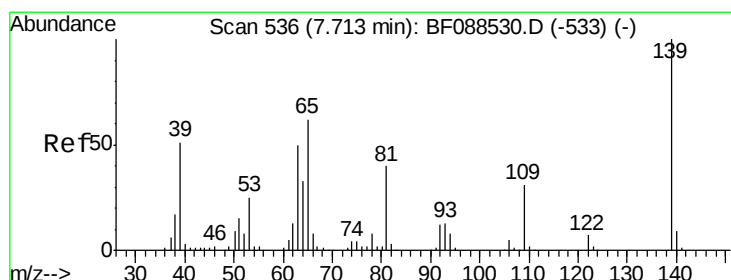
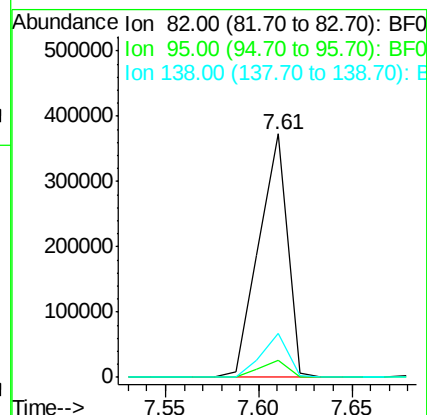
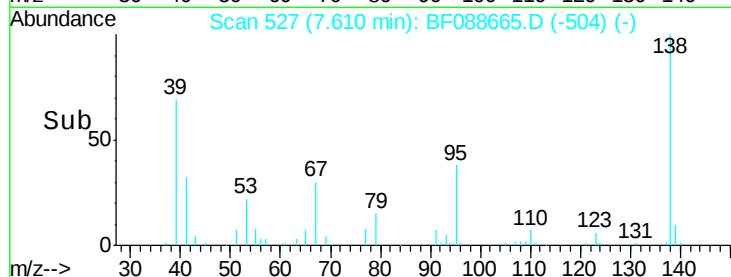
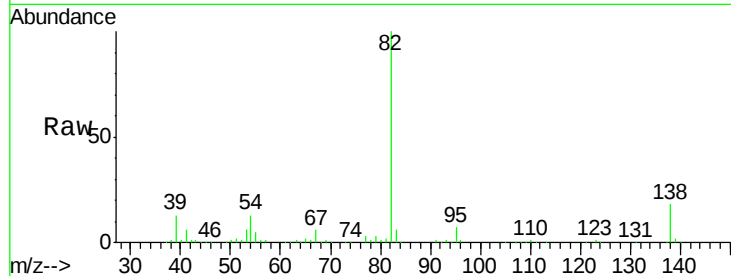
Tot Ion: 82 Resp: 395416

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 17.9 14.6 21.8



#26

2-Nitrophenol

Concen: 24.82 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

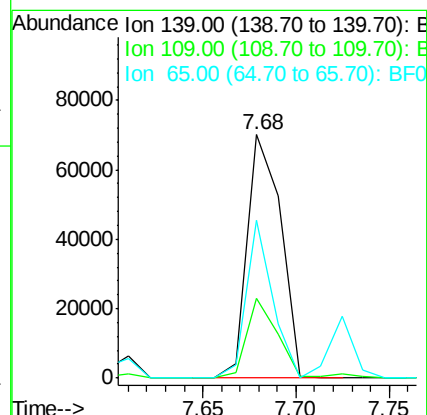
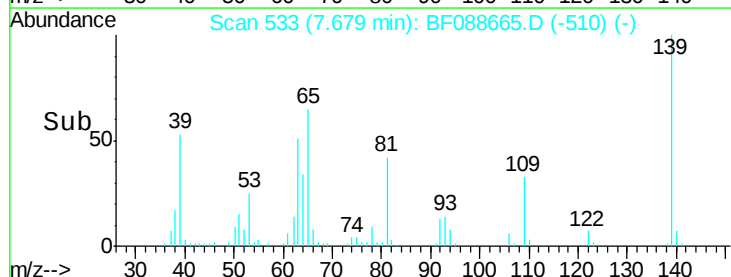
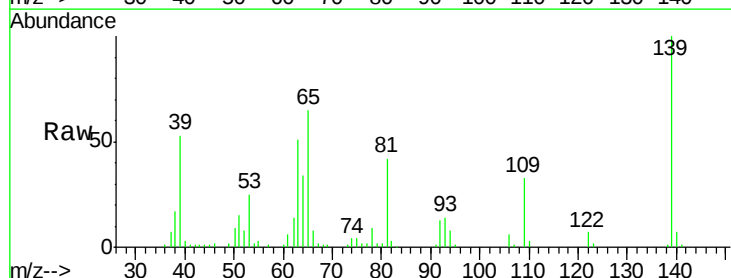
Tgt Ion: 139 Resp: 87242

Ion Ratio Lower Upper

139 100

109 33.0 23.0 34.4

65 65.1 45.8 68.8

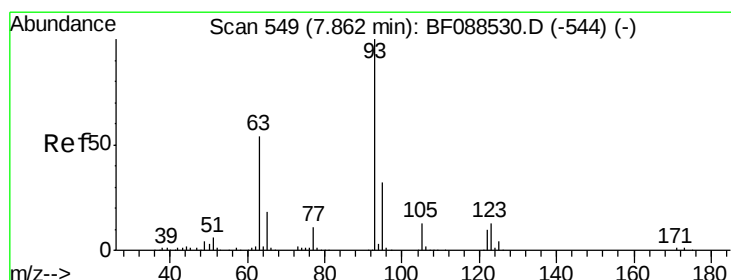
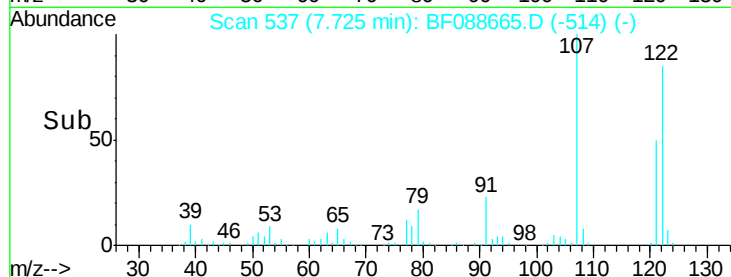
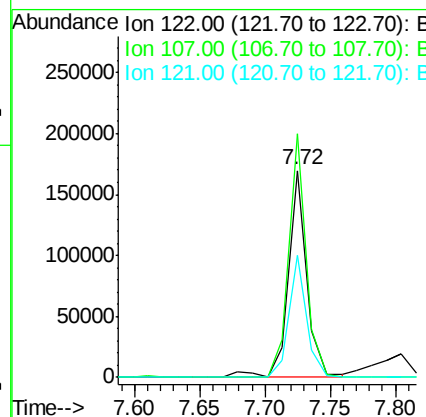
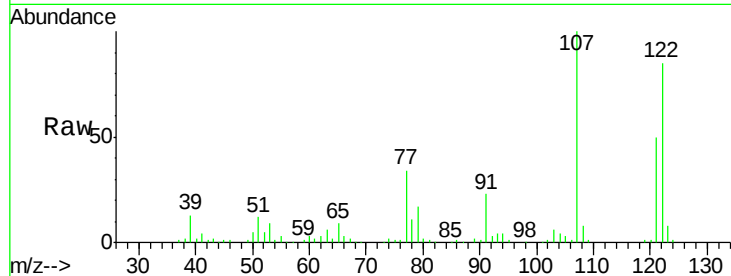




#27
 2,4-Dimethylphenol
 Concen: 23.02 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

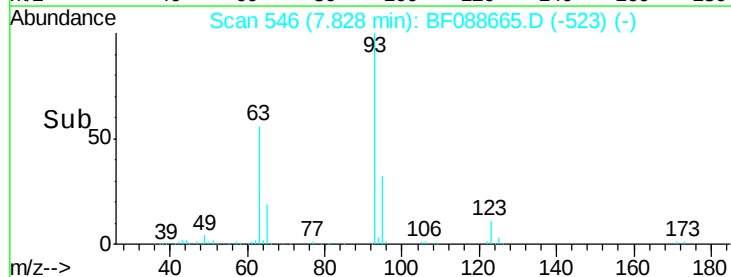
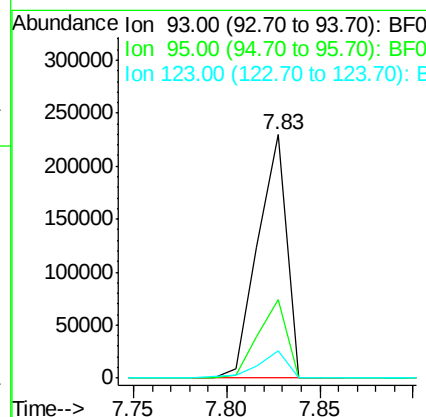
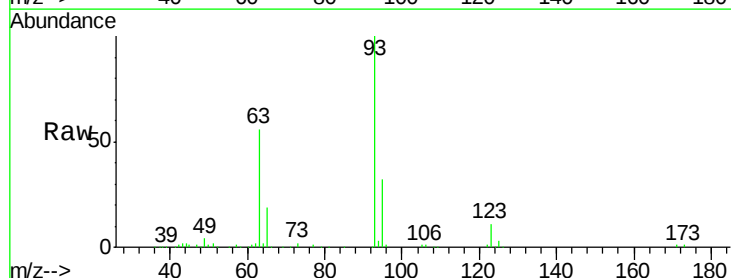
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 168576
 Ion Ratio Lower Upper
 122 100
 107 117.7 82.4 123.6
 121 59.1 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 24.34 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Tgt Ion: 93 Resp: 249436
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.5 39.7
 123 11.0 11.6 17.4#

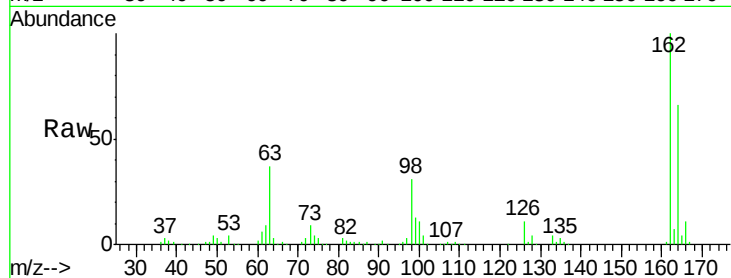




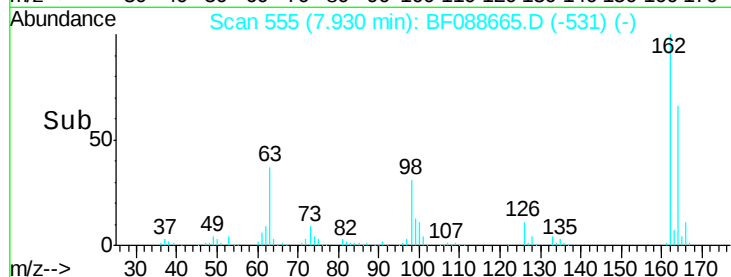
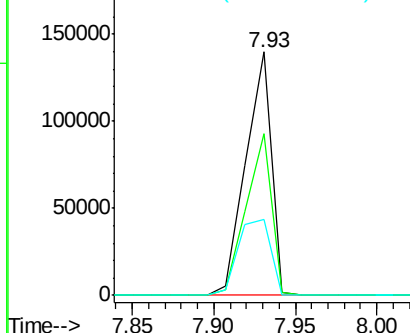
#29
 2,4-Dichlorophenol
 Concen: 25.69 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.02 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	43.8	83.8
98	31.4	21.3	61.3

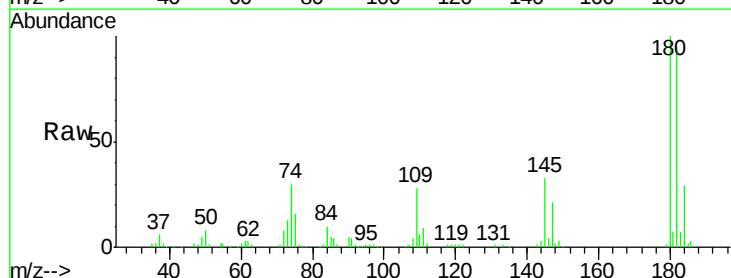


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

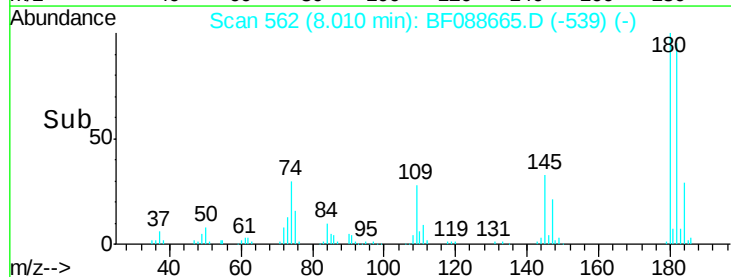
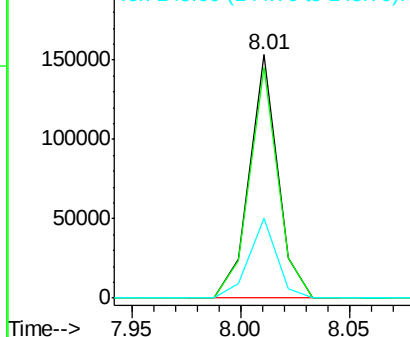


#30
 1,2,4-Trichlorobenzene
 Concen: 21.50 ng
 RT: 8.01 min Scan# 562
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.0	114.0
145	32.6	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

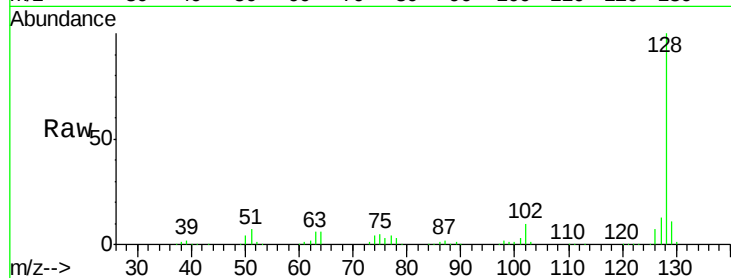




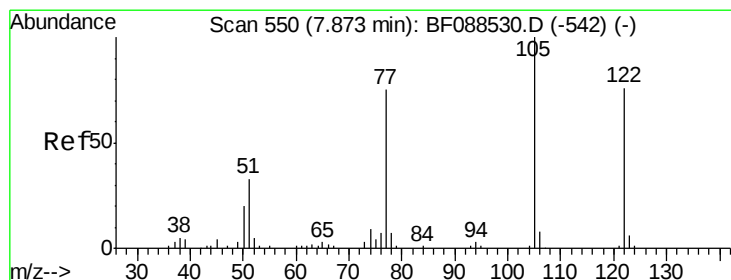
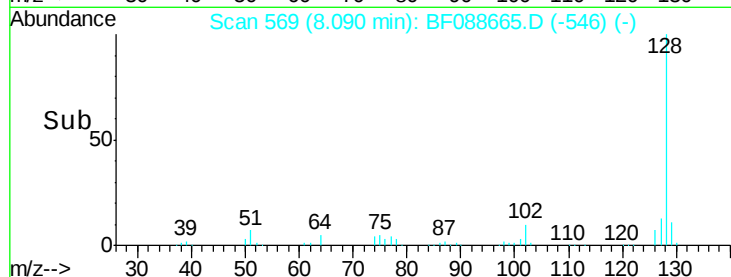
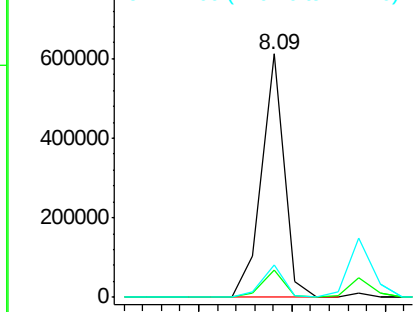
#31
Naphthalene
Concen: 23.70 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 520505
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.2 10.9 16.3

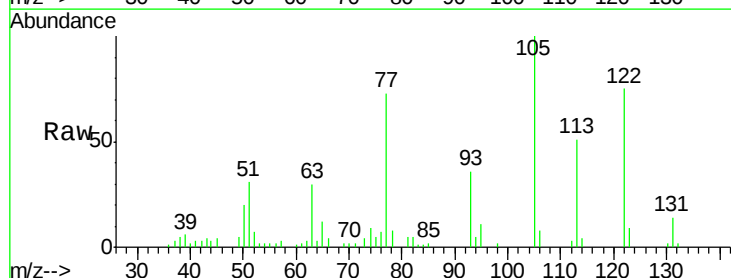


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

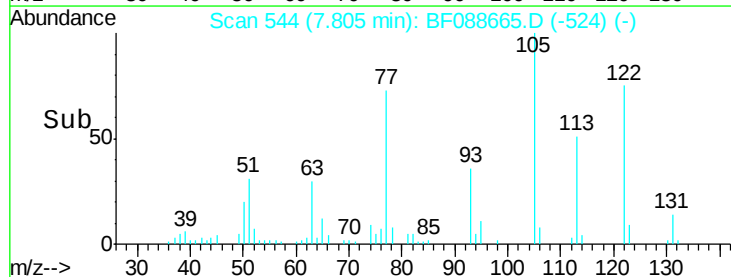
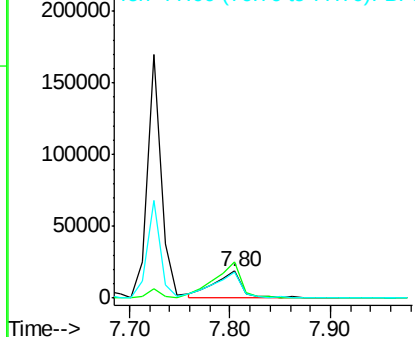


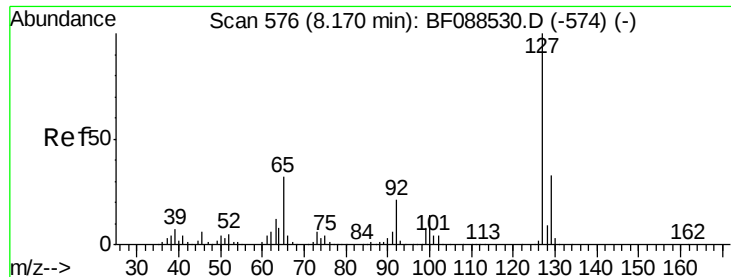
#32
Benzoic acid
Concen: 7.08 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.07 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion:122 Resp: 37623
Ion Ratio Lower Upper
122 100
105 132.7 101.6 141.6
77 96.8 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

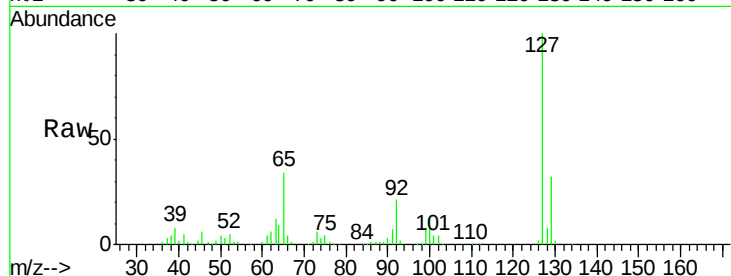




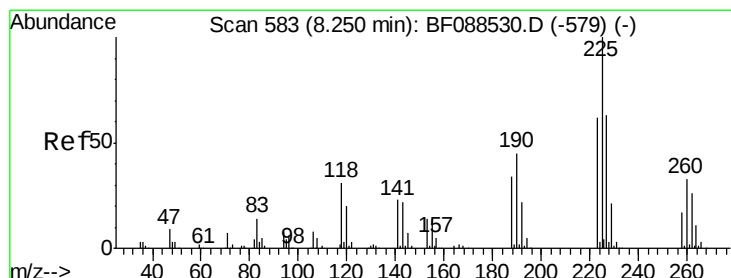
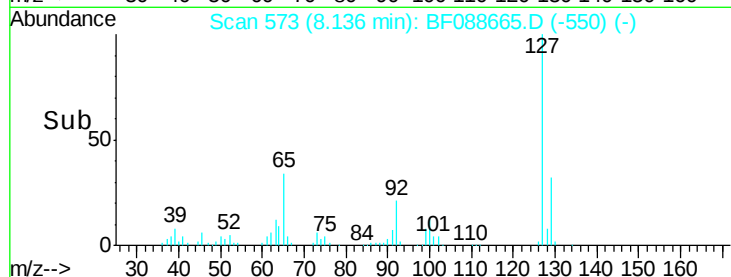
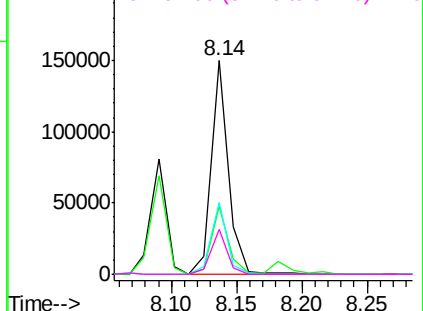
#33
4-Chloroaniline
Concen: 13.98 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	136628
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	33.7	24.7	37.1
92	21.2	15.4	23.0

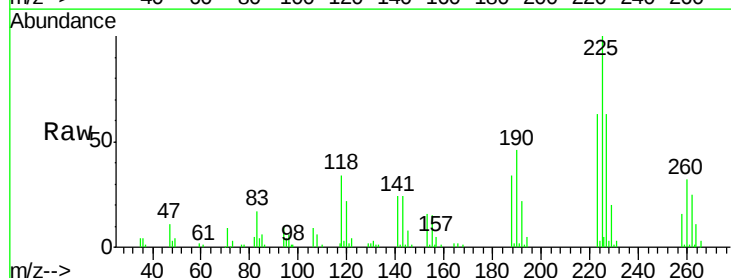


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

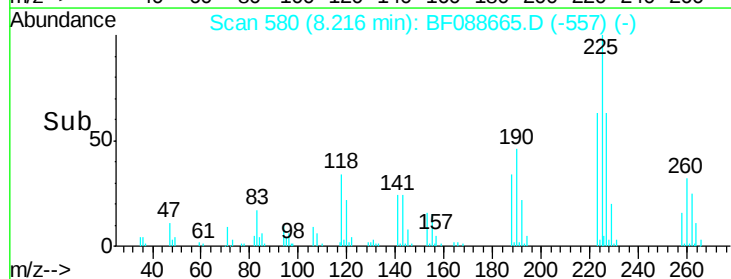
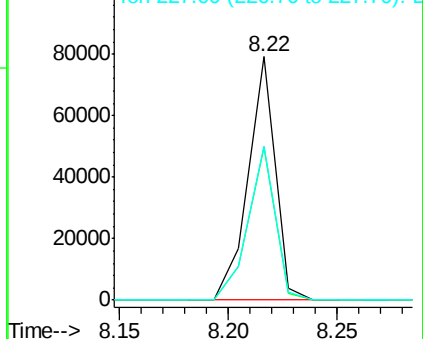


#34
Hexachlorobutadiene
Concen: 19.72 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion:	225	Resp:	68555
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.9	76.3
227	63.3	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





#35

Caprolactam

Concen: 16.66 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

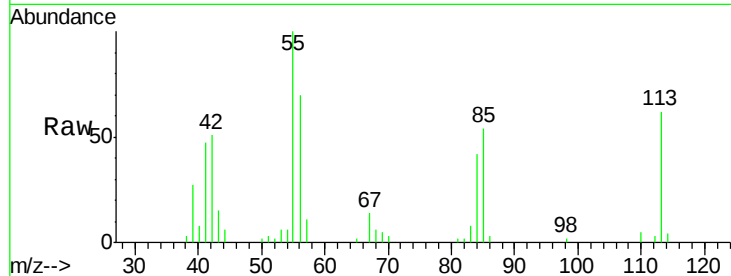
Tot Ion:113 Resp: 33482

Ion Ratio Lower Upper

113 100

55 161.1 158.6 198.6

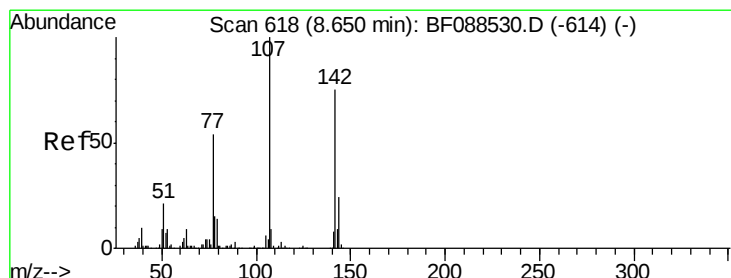
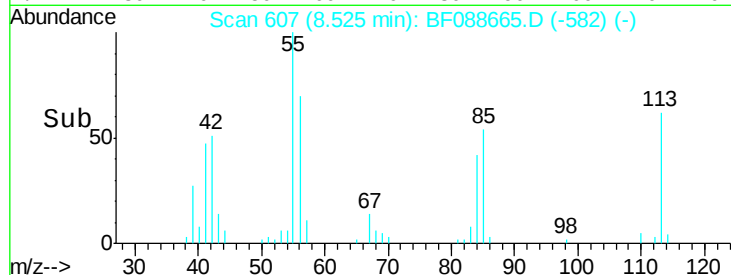
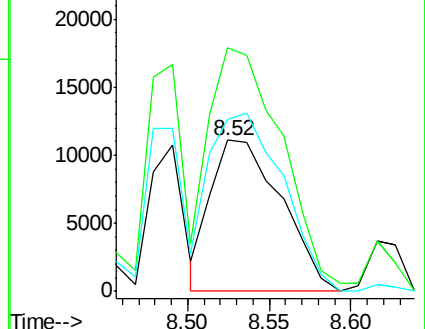
56 113.5 110.6 150.6



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: 25.31 ng

RT: 8.62 min Scan# 615

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

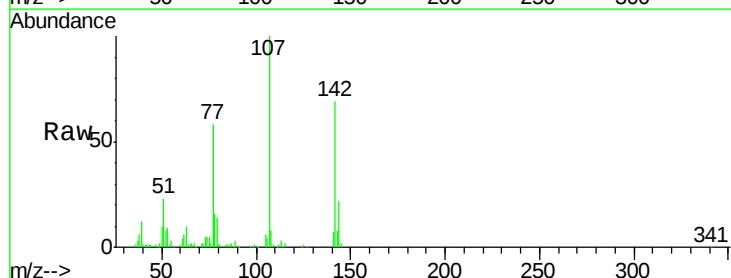
Tgt Ion:107 Resp: 177099

Ion Ratio Lower Upper

107 100

144 21.8 20.8 31.2

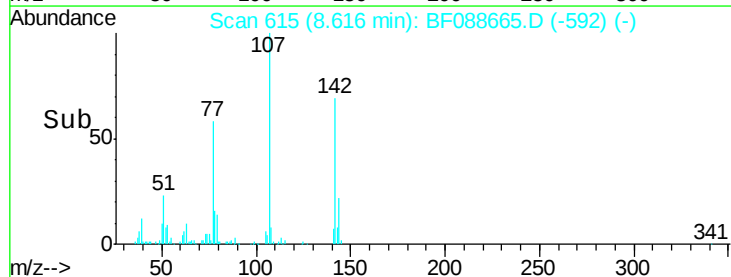
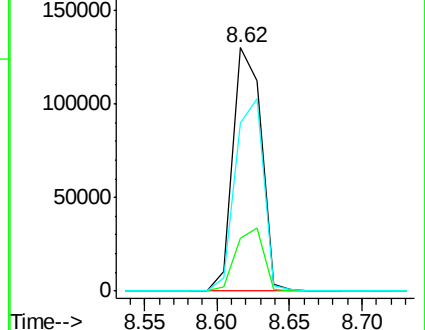
142 69.0 63.4 95.2

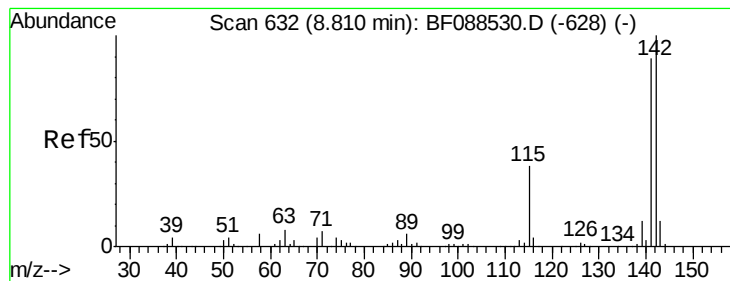


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 22.54 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

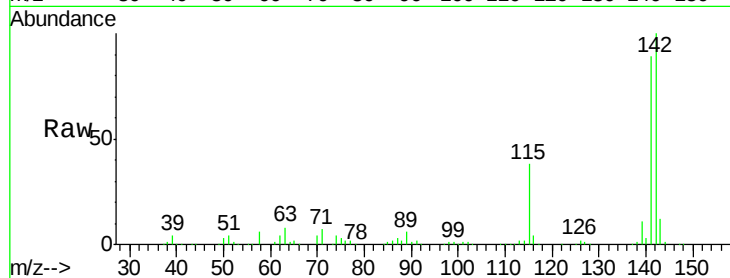
Tot Ion:142 Resp: 318819

Ion Ratio Lower Upper

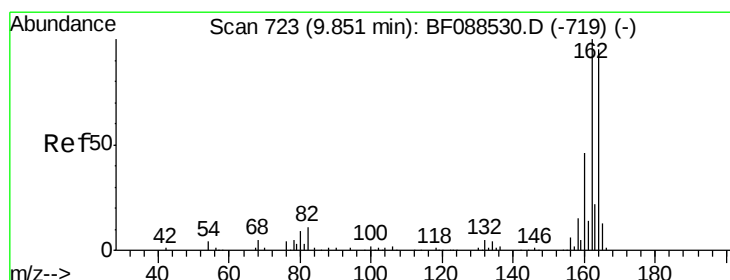
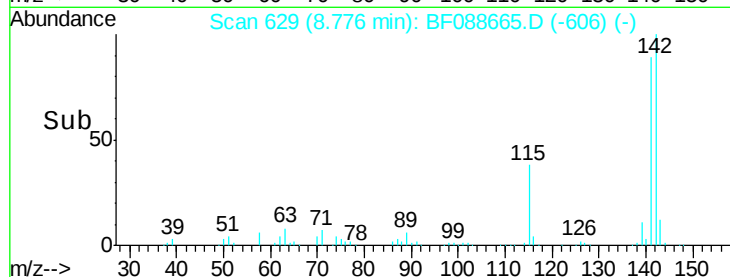
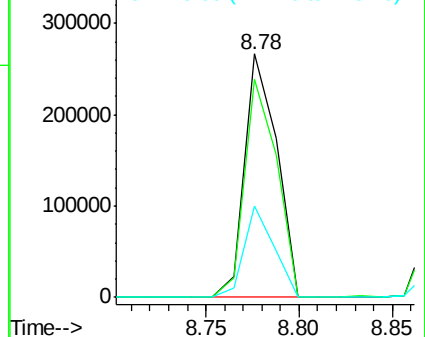
142 100

141 89.4 71.0 106.6

115 37.6 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: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

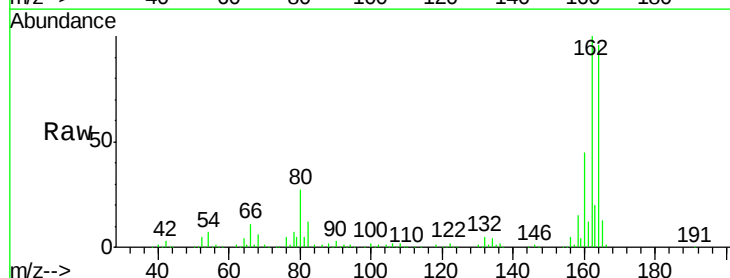
Tgt Ion:164 Resp: 217531

Ion Ratio Lower Upper

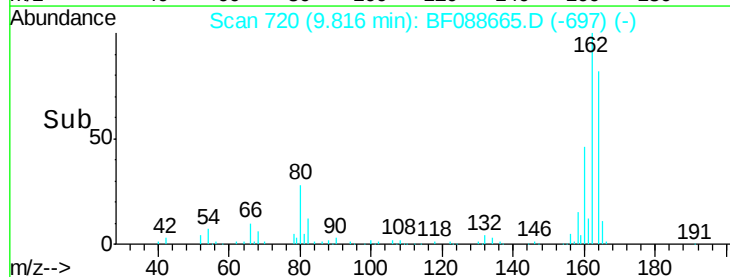
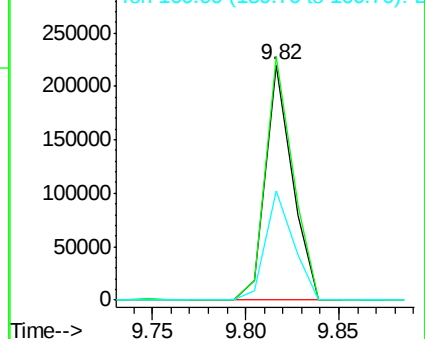
164 100

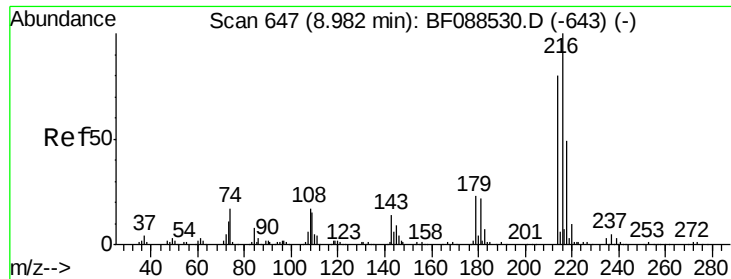
162 103.7 85.4 128.2

160 46.7 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

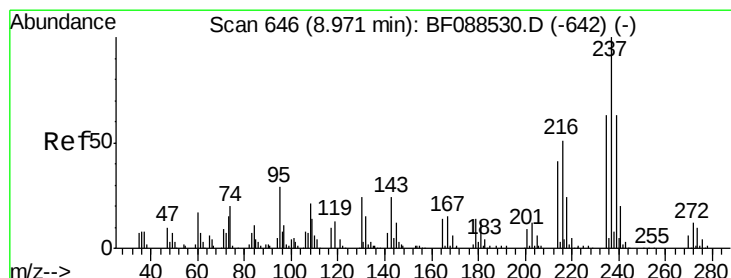
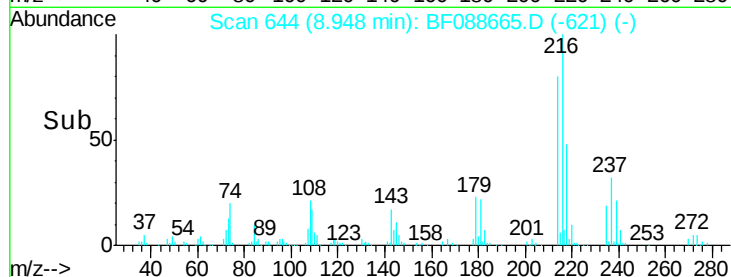
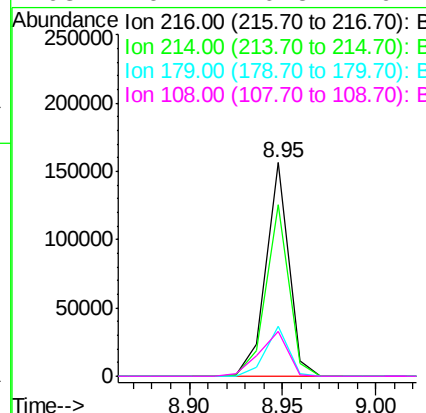
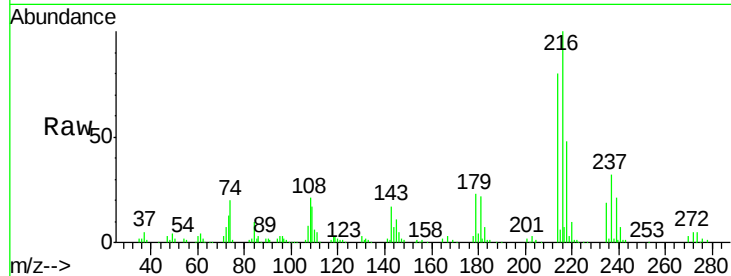




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 18.25 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

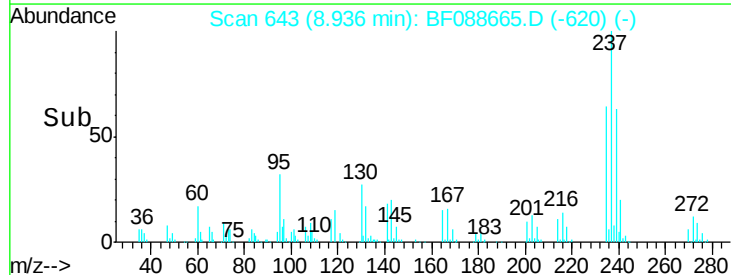
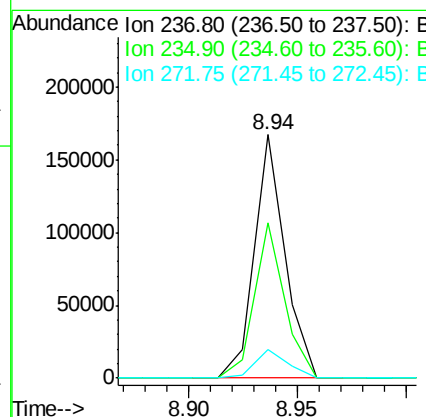
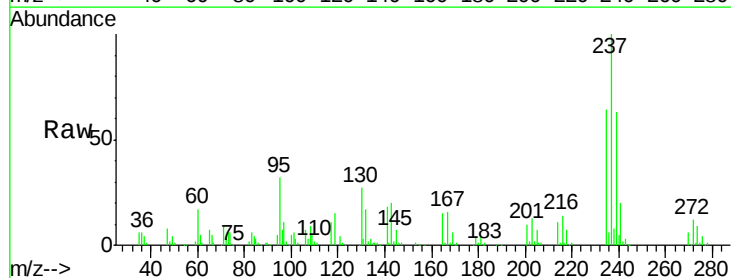
Instrument :
 BNA_F
 ClientSampled :

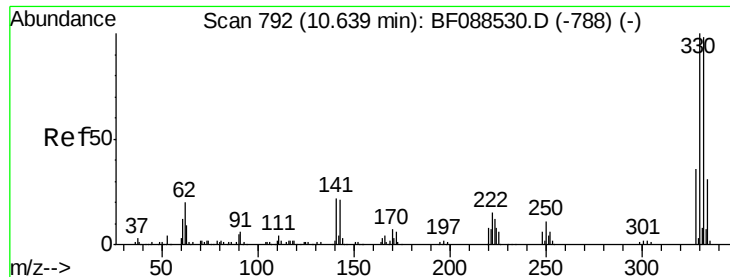
Tot Ion:	216	Resp:	132077
Ion	Ratio	Lower	Upper
216	100		
214	80.1	2.9	4.3#
179	23.4	0.0	0.0#
108	26.1	0.5	0.7#



#40
 Hexachlorocyclopentadiene
 Concen: 45.78 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Tgt Ion:	237	Resp:	162586
Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.4	83.4
272	12.0	0.0	32.3

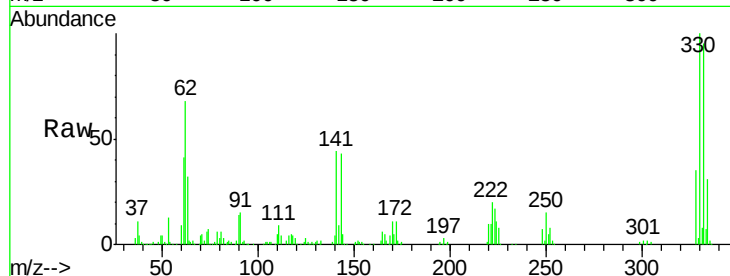




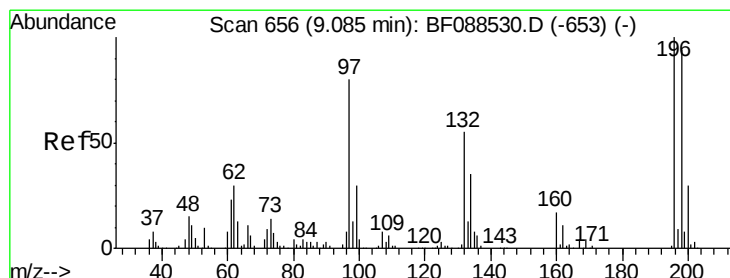
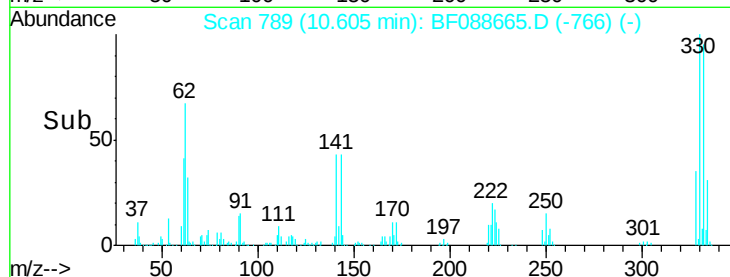
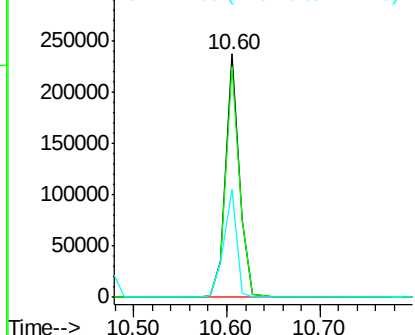
#41
 2,4,6-Tribromophenol
 Concen: 121.01 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 244431
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 41.3 0.0 0.0#

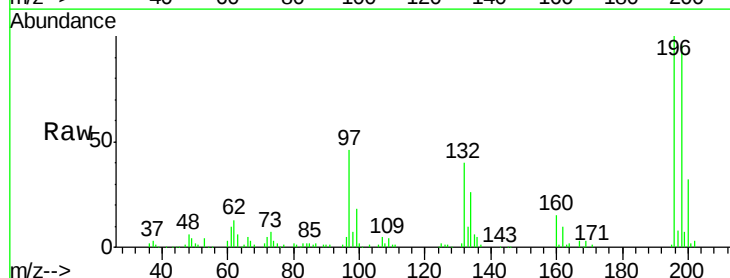


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

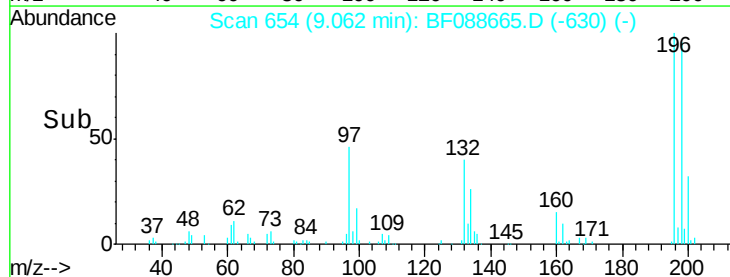
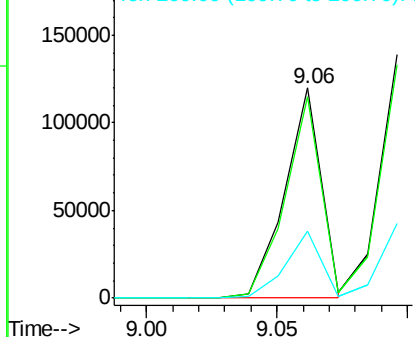


#42
 2,4,6-Trichlorophenol
 Concen: 24.31 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Tgt Ion:196 Resp: 115963
 Ion Ratio Lower Upper
 196 100
 198 95.8 78.0 117.0
 200 31.6 25.4 38.2



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

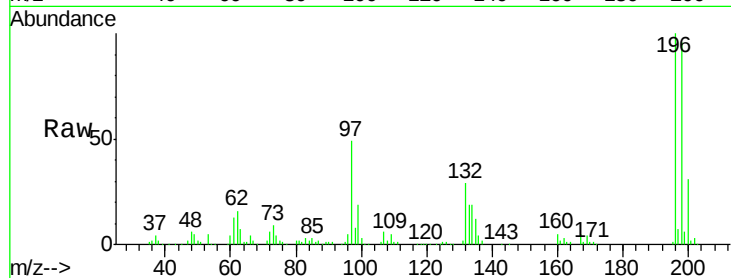




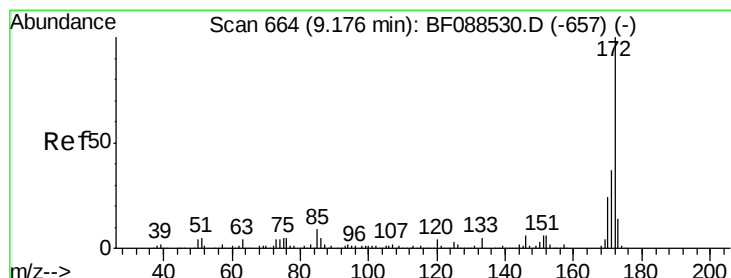
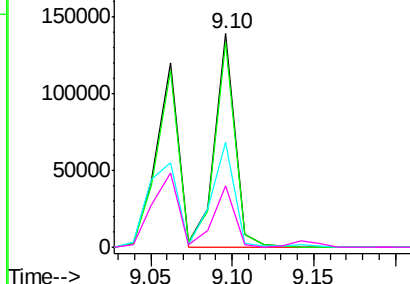
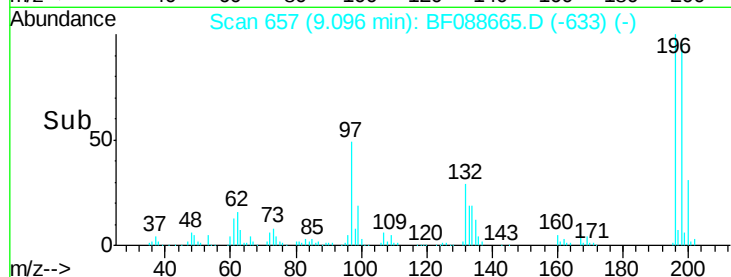
#43
 2,4,5-Trichlorophenol
 Concen: 29.23 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 119951
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.5 116.3
 97 49.3 32.0 48.0#
 132 28.7 20.9 31.3

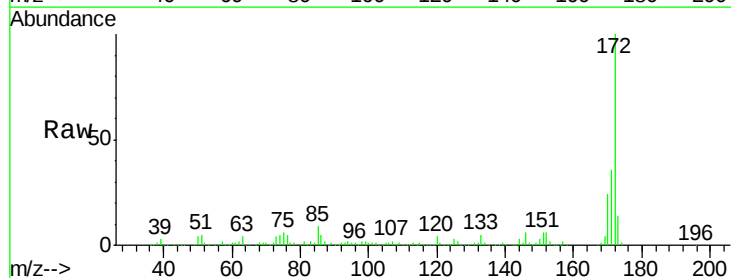


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

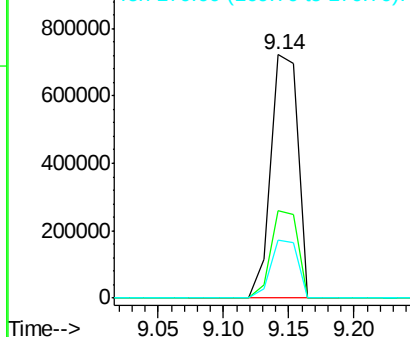
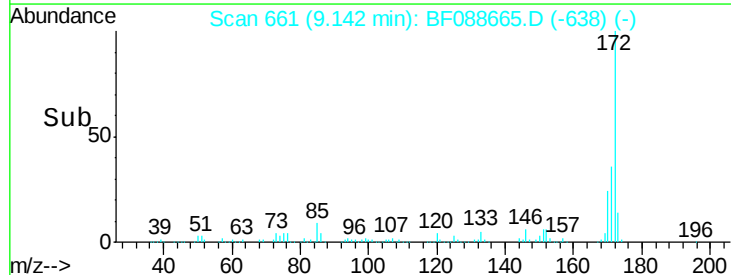


#44
 2-Fluorobiphenyl
 Concen: 76.66 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Tgt Ion:172 Resp: 1055687
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.7 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: 22.68 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

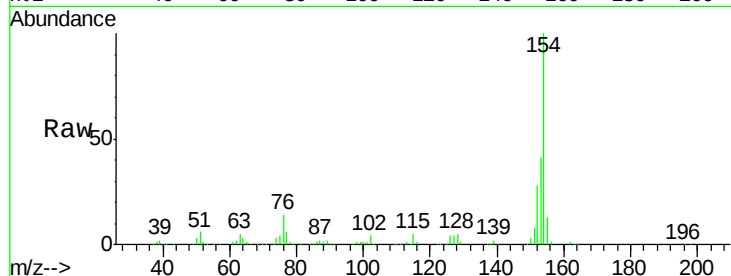
Tot Ion:154 Resp: 408470

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

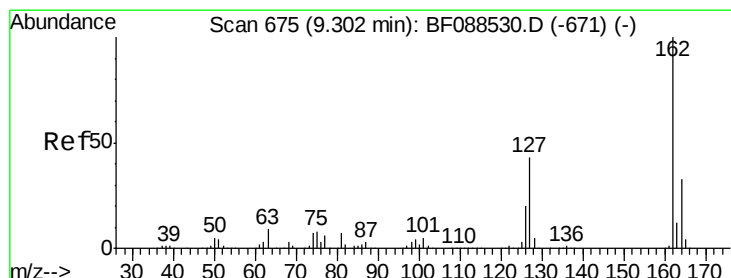
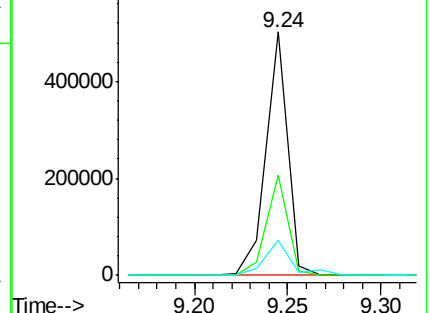
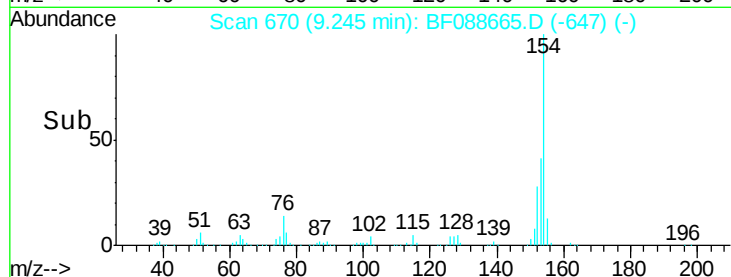
76 14.2 0.0 35.1



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: 23.08 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

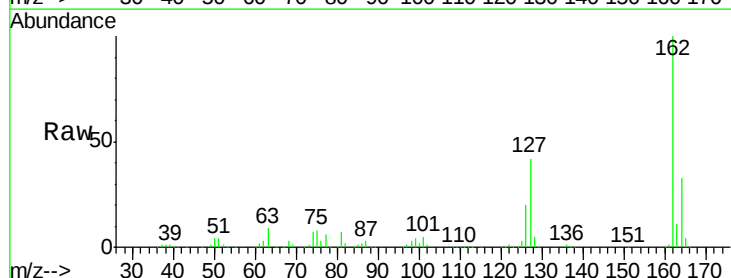
Tgt Ion:162 Resp: 326338

Ion Ratio Lower Upper

162 100

127 41.7 35.2 52.8

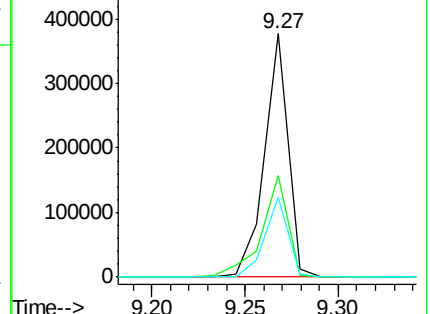
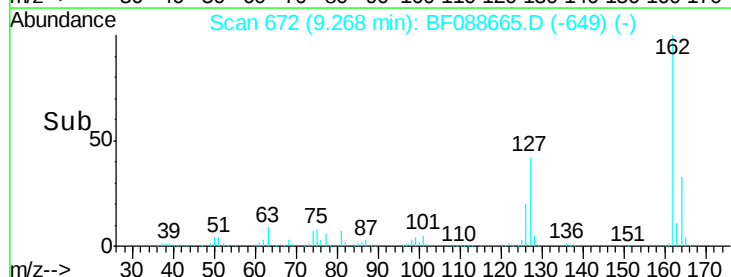
164 32.7 26.6 39.8



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

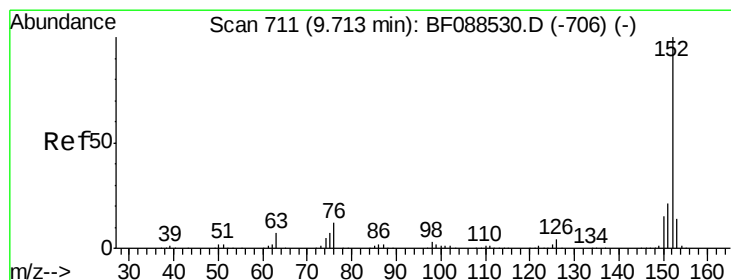
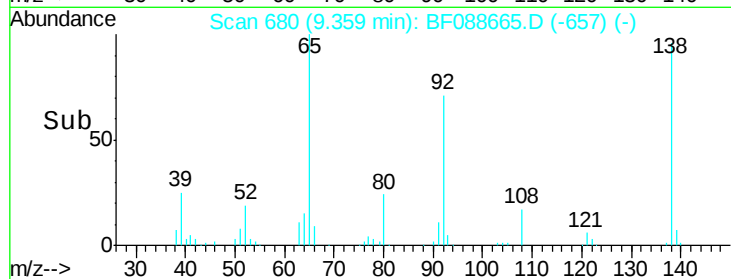
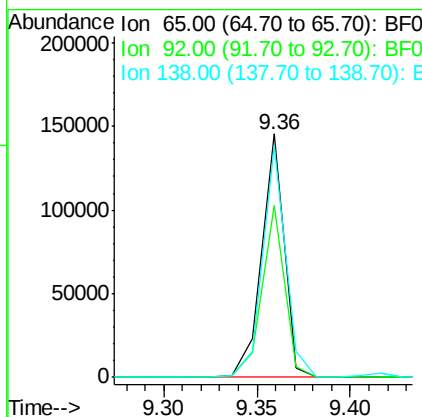
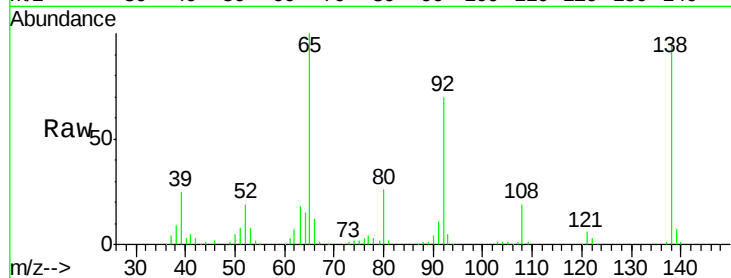




#47
2-Nitroaniline
Concen: 23.96 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

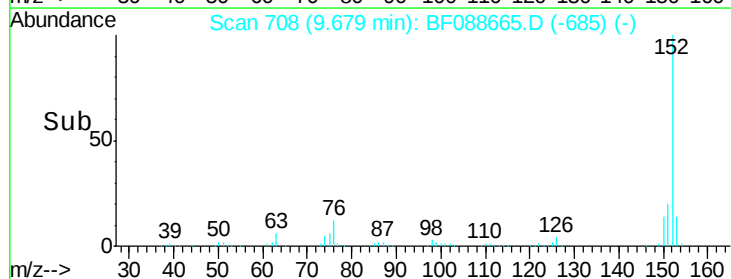
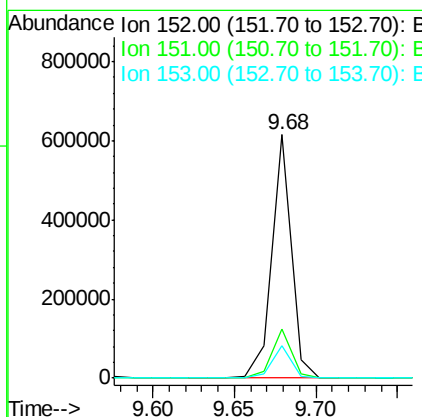
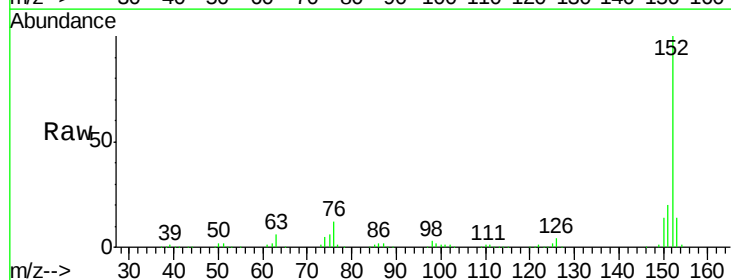
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 120247
Ion Ratio Lower Upper
65 100
92 70.4 54.6 82.0
138 95.3 77.0 115.4



#48
Acenaphthylene
Concen: 22.76 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion: 152 Resp: 512115
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.5 11.0 16.6

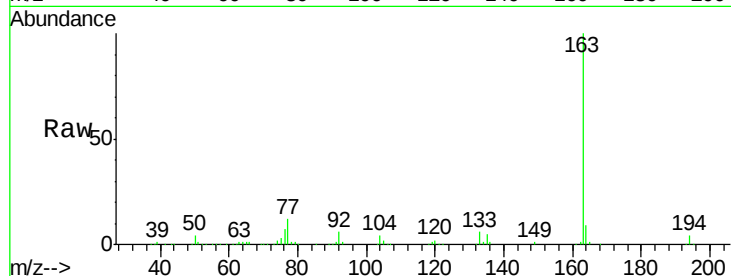




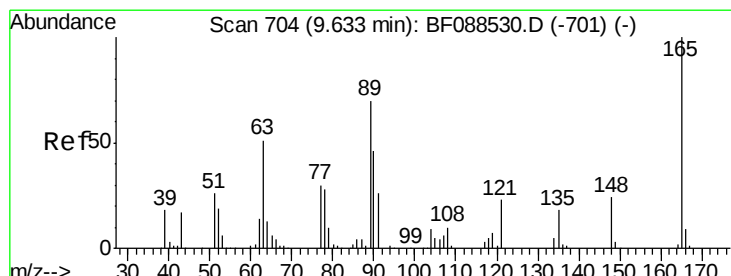
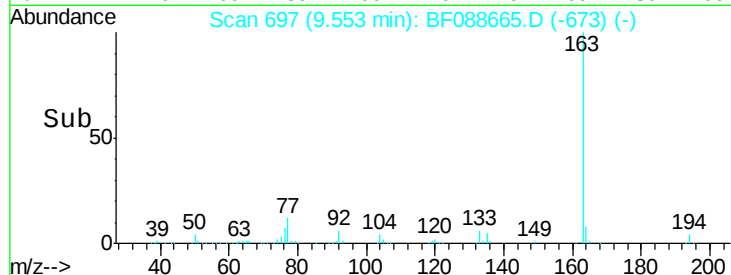
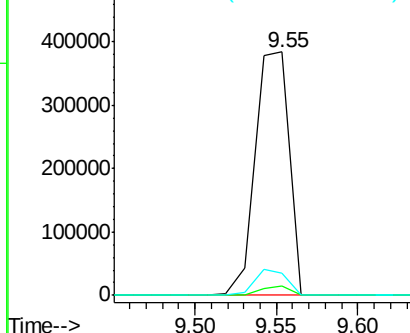
#49
Dimethylphthalate
Concen: 35.83 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 555216
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 9.2 8.3 12.5

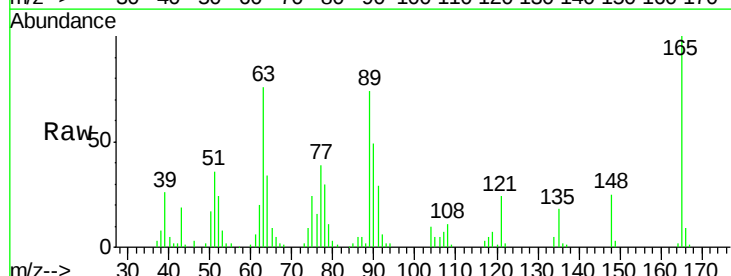


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

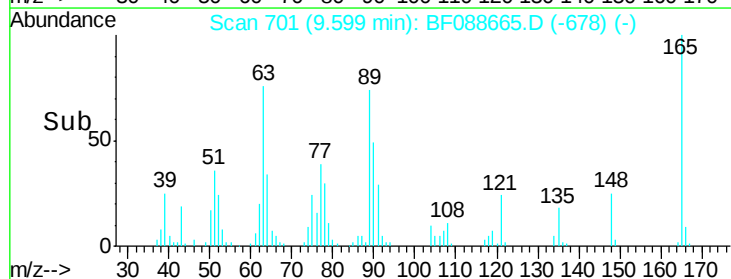
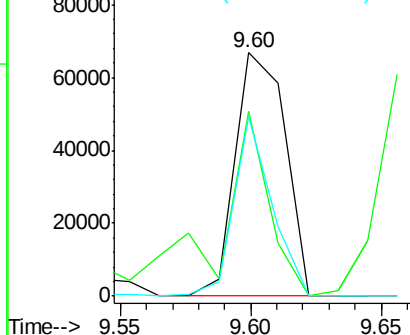


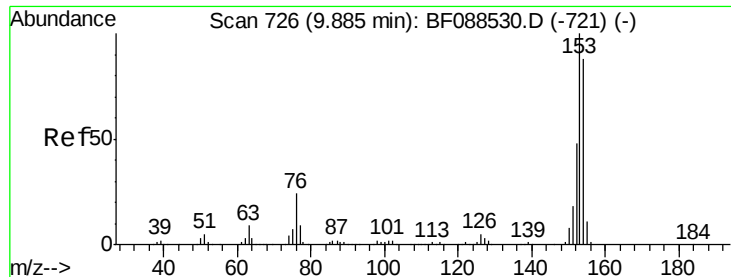
#50
2,6-Dinitrotoluene
Concen: 25.99 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion:165 Resp: 89260
Ion Ratio Lower Upper
165 100
63 75.8 28.1 42.1#
89 73.7 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: 24.28 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

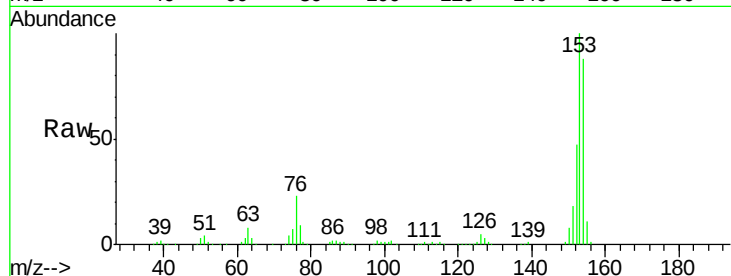
Tot Ion:154 Resp: 334846

Ion Ratio Lower Upper

154 100

153 113.6 89.5 134.3

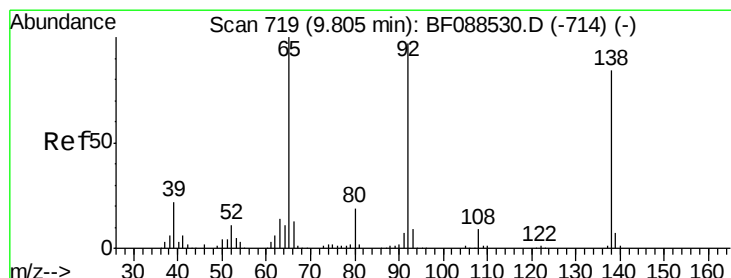
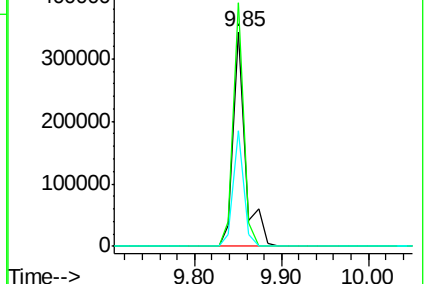
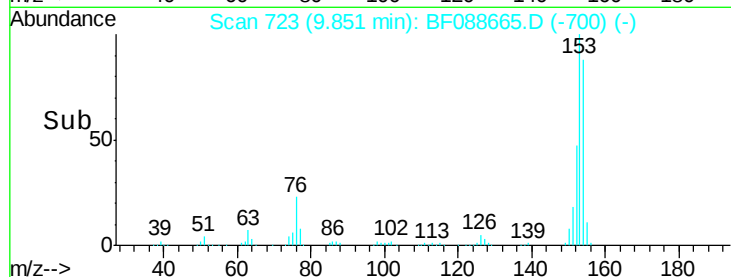
152 54.0 42.7 64.1



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: 19.43 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

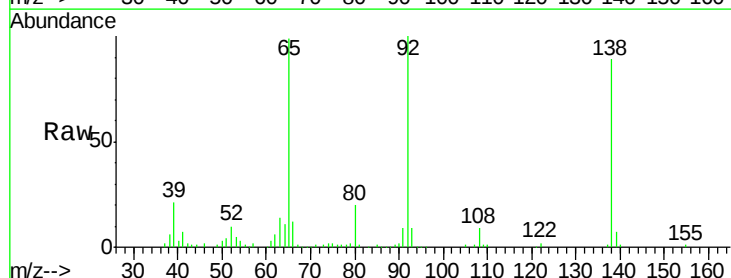
Tgt Ion:138 Resp: 84844

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

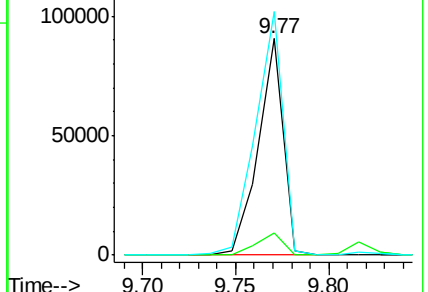
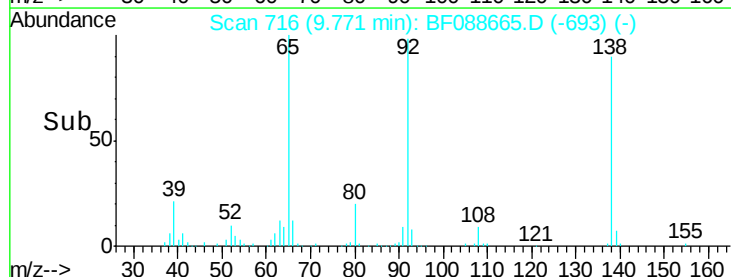
92 112.5 95.7 143.5

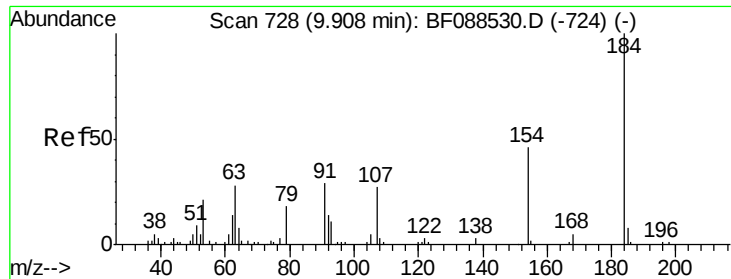


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

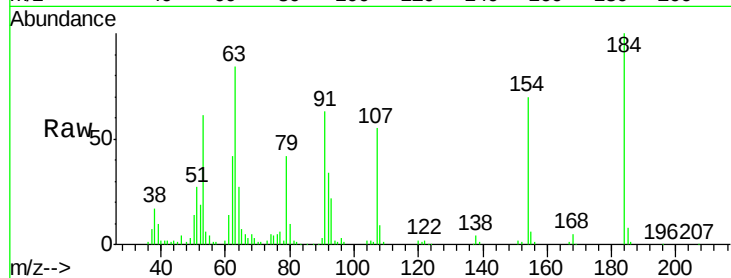




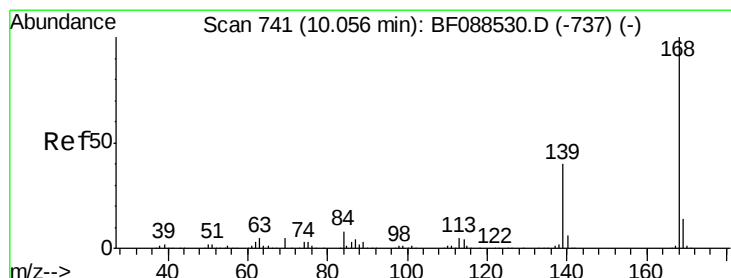
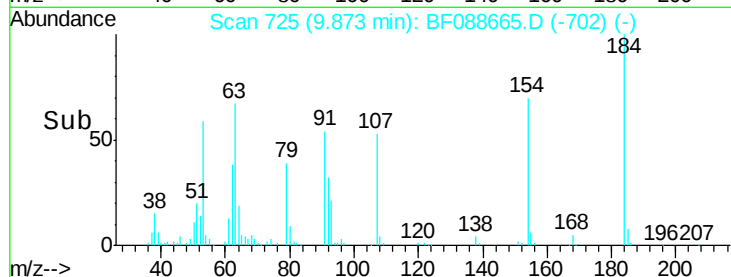
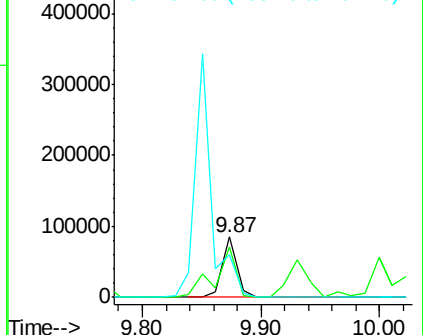
#53
 2,4-Dinitrophenol
 Concen: 47.37 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 71842
 Ion Ratio Lower Upper
 184 100
 63 83.9 57.6 86.4
 154 69.8 53.5 80.3

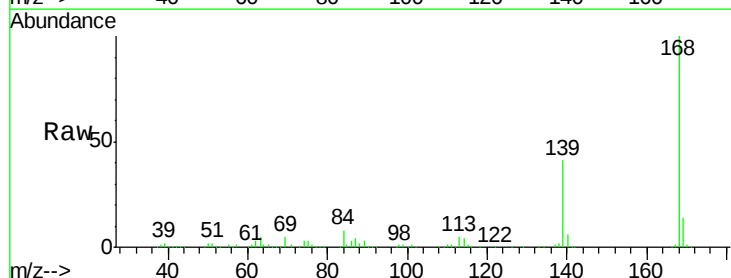


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

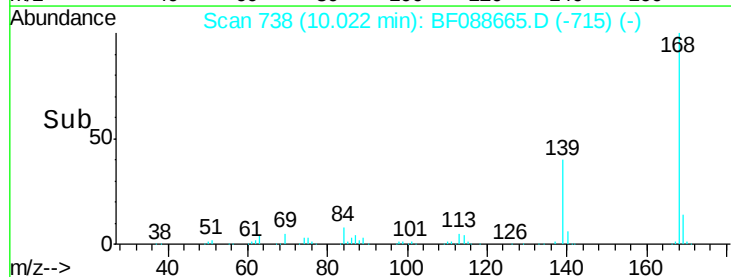
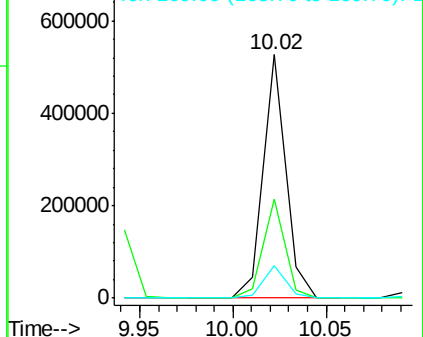


#54
 Dibenzofuran
 Concen: 24.39 ng
 RT: 10.02 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Tgt Ion:168 Resp: 440359
 Ion Ratio Lower Upper
 168 100
 139 40.5 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: 75.30 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

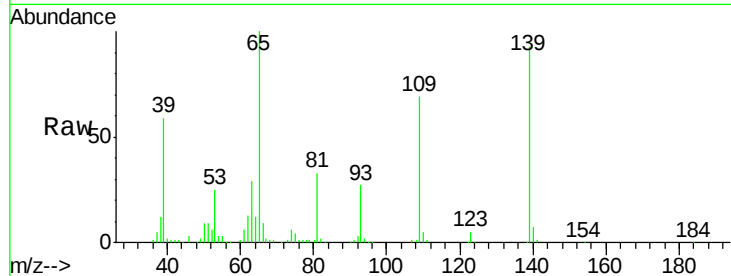
Tot Ion:139 Resp: 249837

Ion Ratio Lower Upper

139 100

109 73.7 48.9 88.9

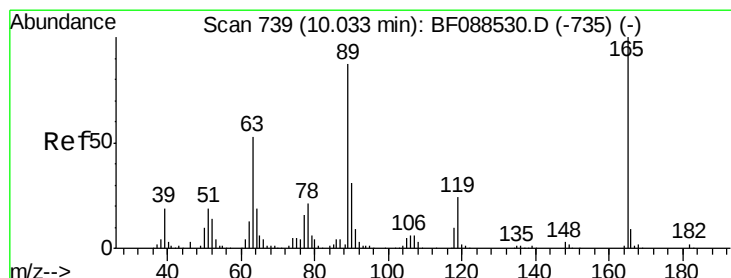
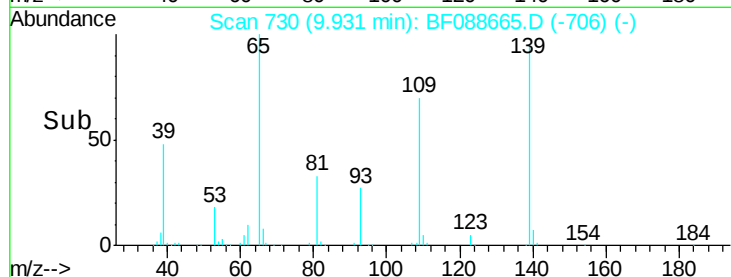
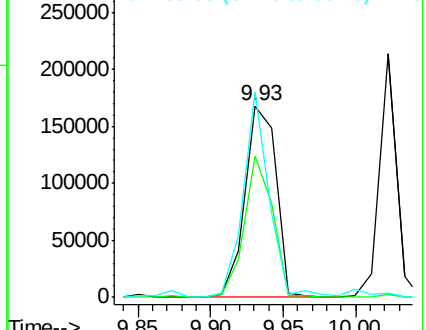
65 107.1 84.9 124.9



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: 26.39 ng

RT: 10.00 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Tgt Ion:165 Resp: 118509

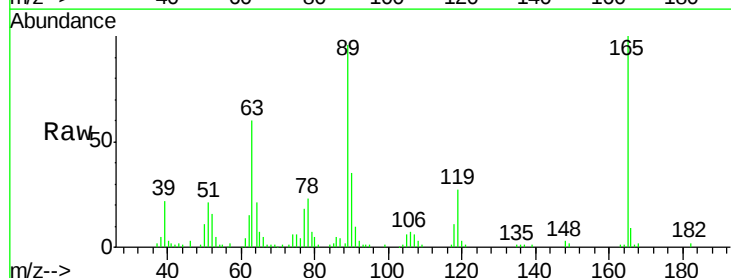
Ion Ratio Lower Upper

165 100

63 59.7 22.0 33.0#

89 95.9 41.1 61.7#

182 2.3 2.0 3.0

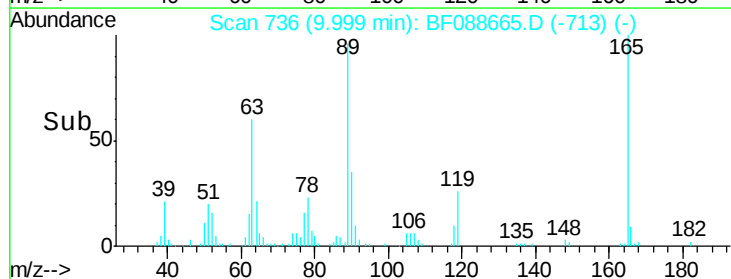
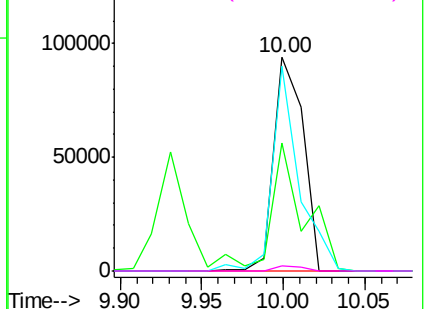


Abundance Ion 165.00 (164.70 to 165.70): E

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

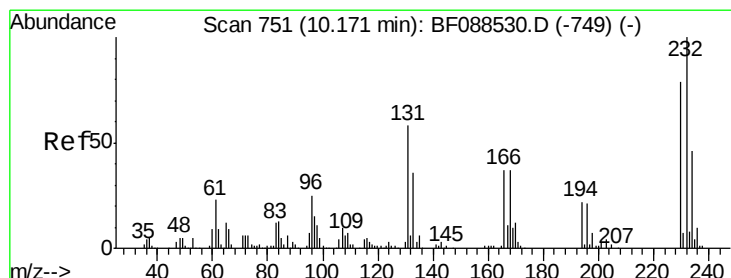
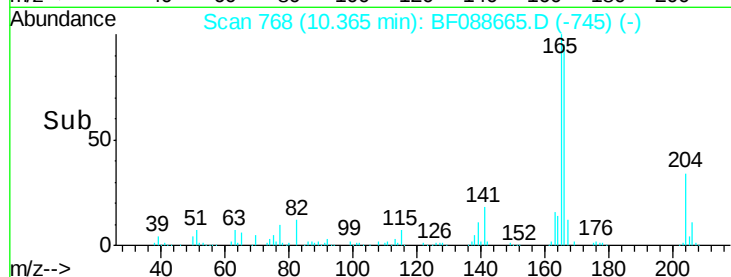
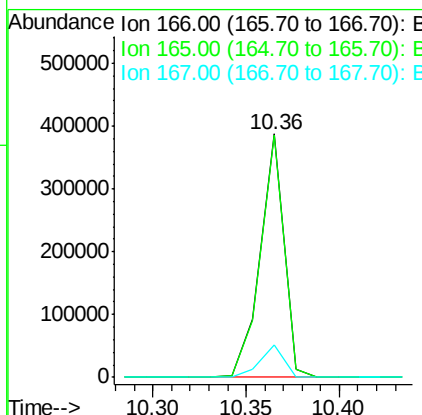
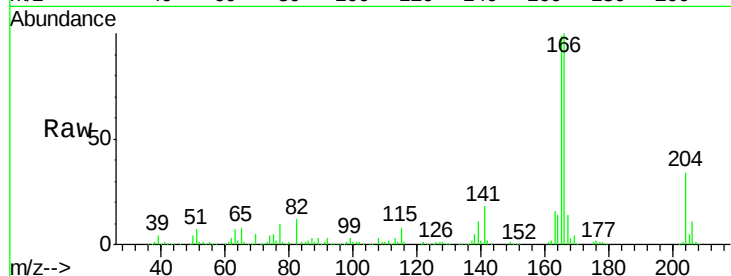




#57
 Fluorene
 Concen: 24.49 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

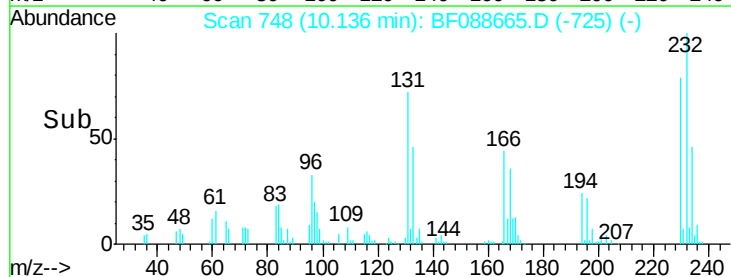
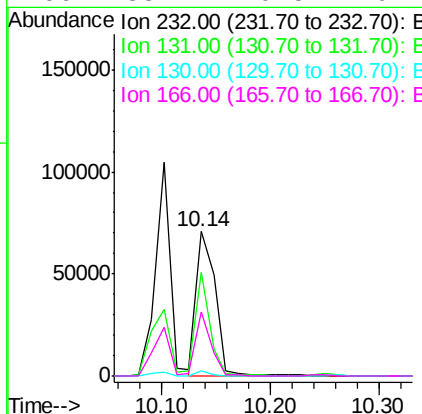
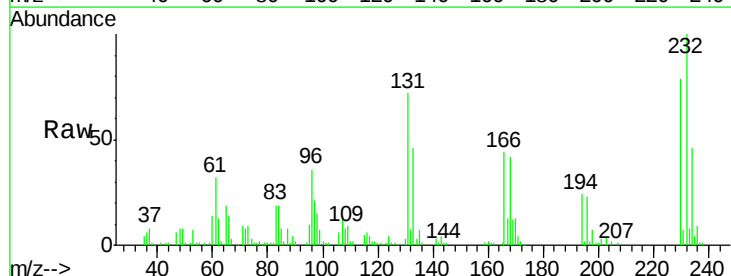
Instrument :
 BNA_F
 ClientSampled :

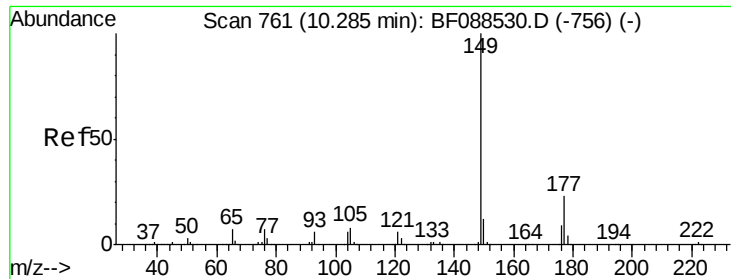
Tot Ion:166 Resp: 340724
 Ion Ratio Lower Upper
 166 100
 165 99.4 77.8 116.8
 167 13.6 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 27.49 ng
 RT: 10.14 min Scan# 748
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Tgt Ion:232 Resp: 87287
 Ion Ratio Lower Upper
 232 100
 131 54.3 0.9 1.3#
 130 2.4 1.5 2.3#
 166 35.2 0.5 0.7#

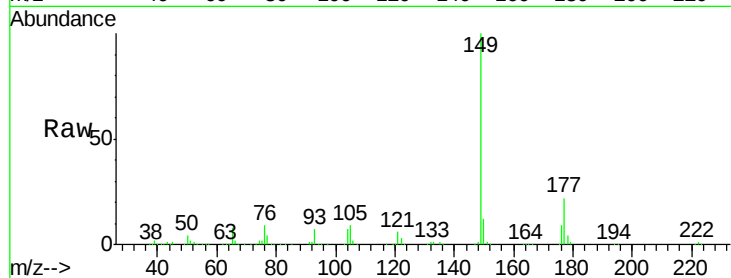




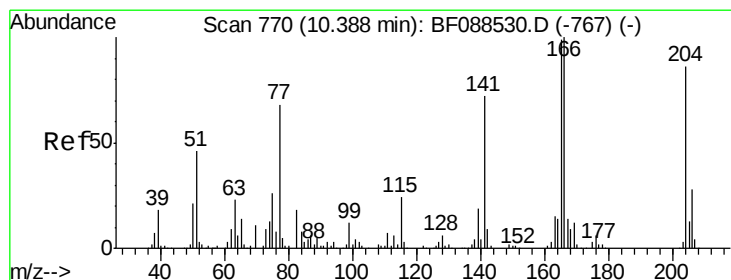
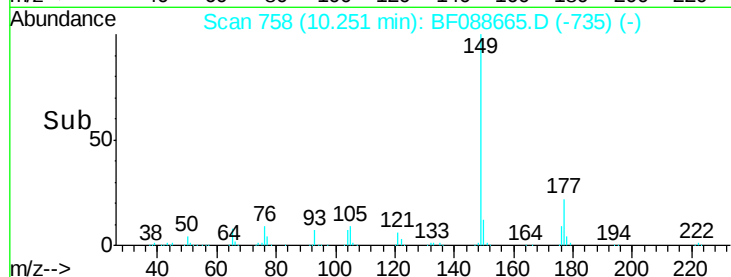
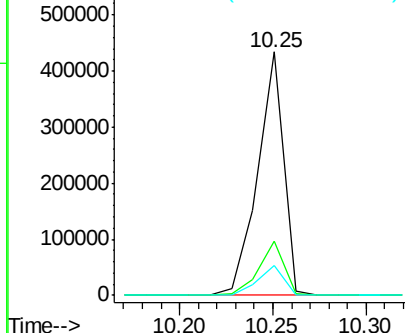
#59
Diethylphthalate
Concen: 26.74 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 415839
Ion Ratio Lower Upper
149 100
177 22.2 16.9 25.3
150 12.4 10.1 15.1

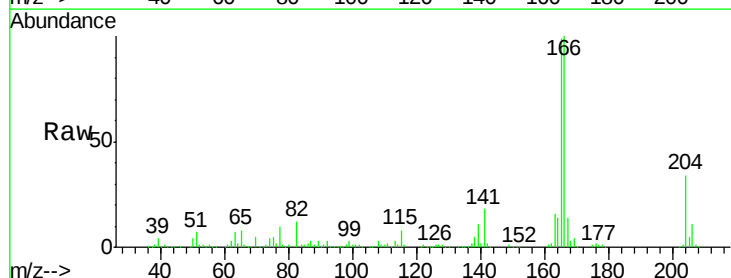


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

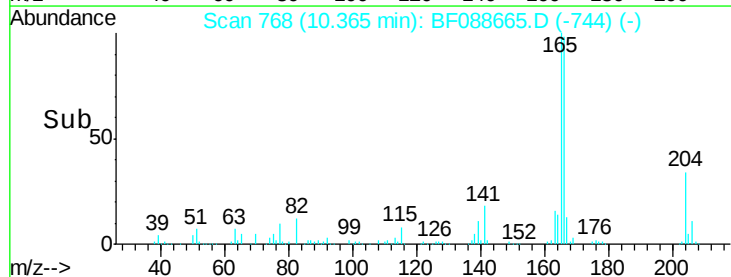
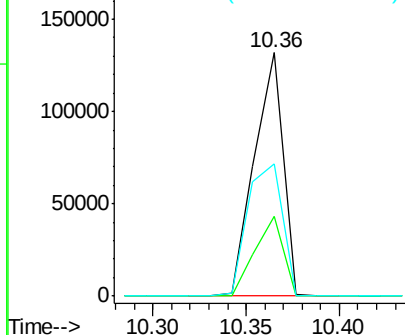


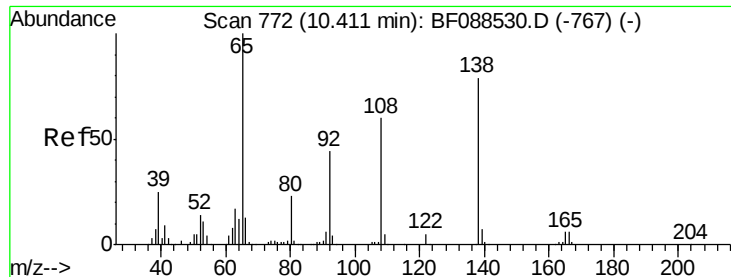
#60
4-Chlorophenyl-phenylether
Concen: 21.78 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion:204 Resp: 140800
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 54.2 55.0 82.6#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 21.13 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

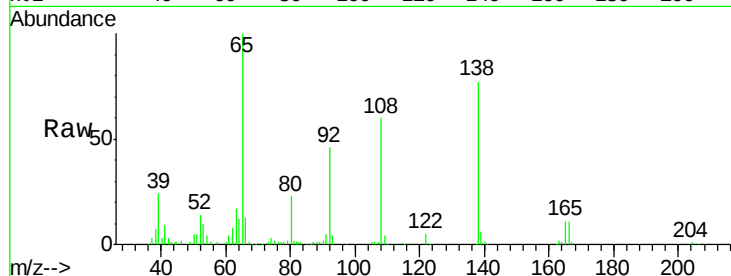
Tot Ion:138 Resp: 88779

Ion Ratio Lower Upper

138 100

92 59.2 27.3 67.3

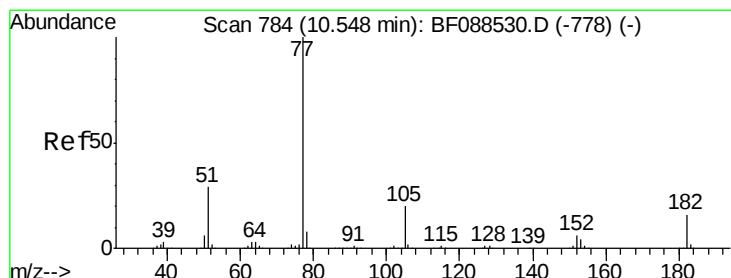
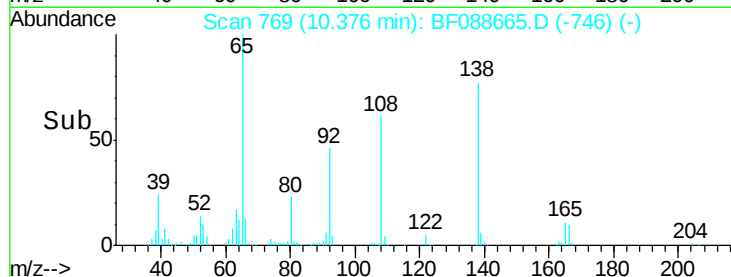
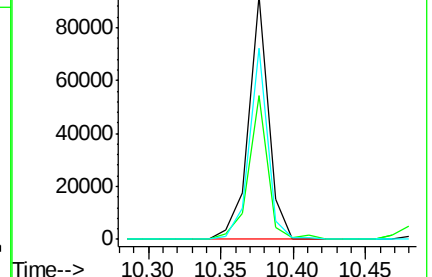
108 78.4 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 23.96 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Tgt Ion: 77 Resp: 425032

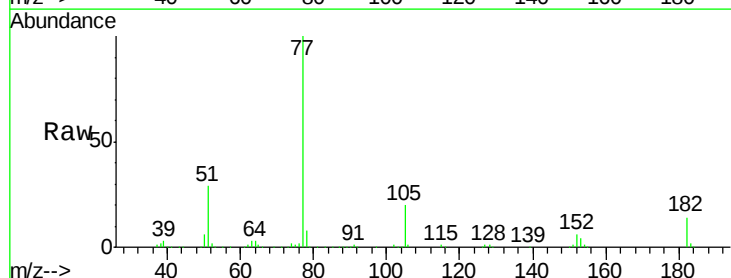
Ion Ratio Lower Upper

77 100

182 13.9 4.4 44.4

105 19.9 3.8 43.8

51 28.7 9.3 49.3

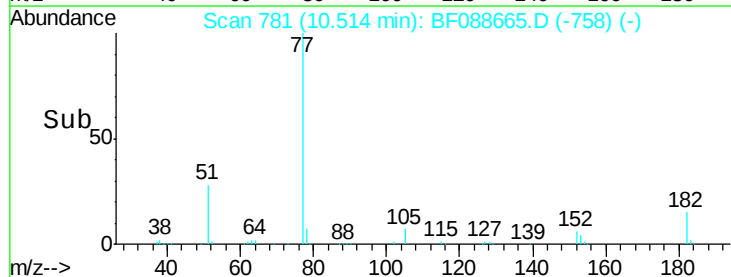
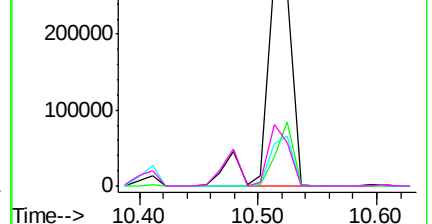


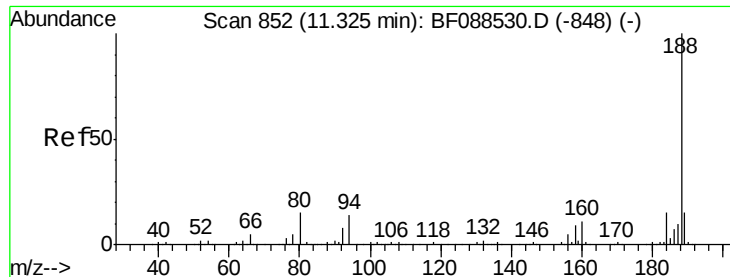
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

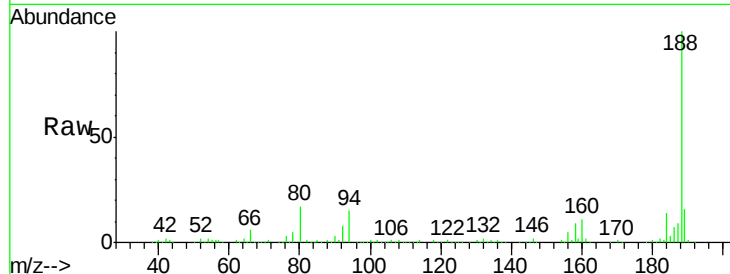




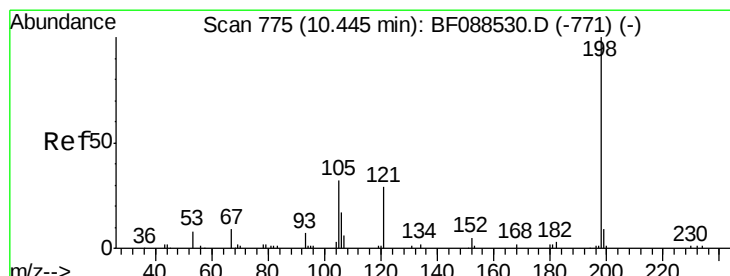
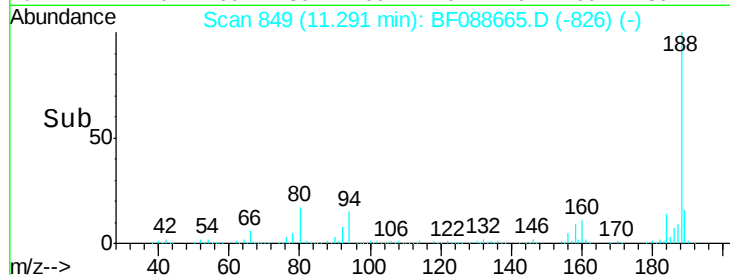
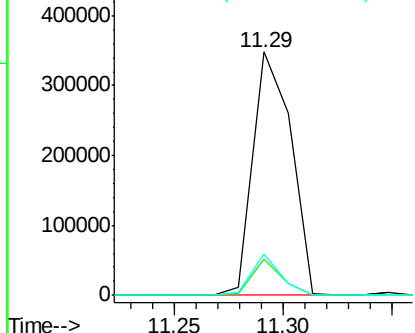
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 427387
Ion Ratio Lower Upper
188 100
94 14.9 9.0 13.6#
80 16.8 10.0 15.0#

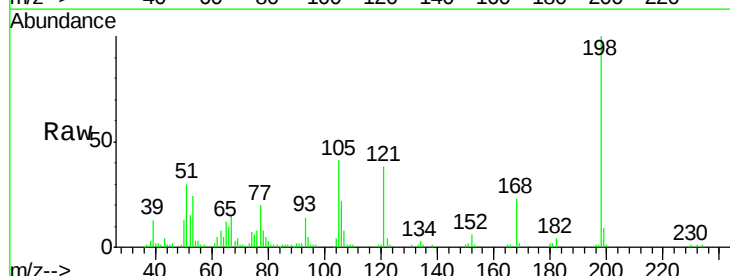


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

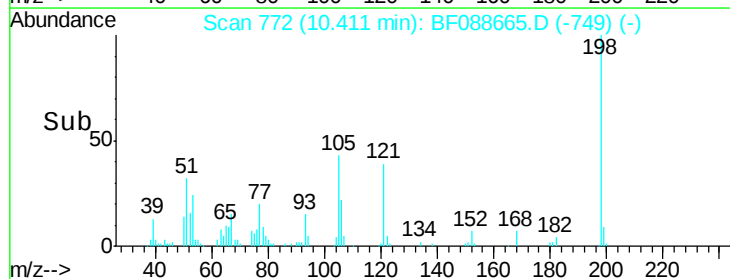
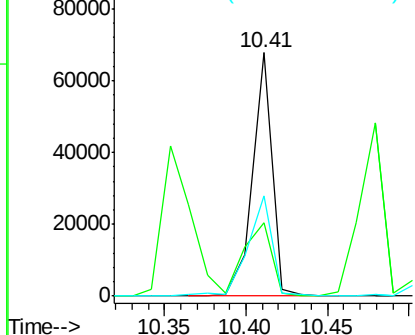


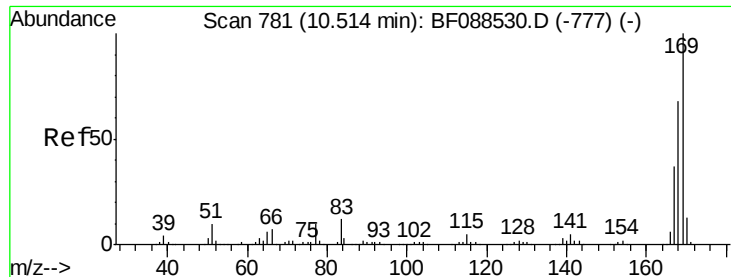
#64
4,6-Dinitro-2-methylphenol
Concen: 24.57 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion:198 Resp: 56157
Ion Ratio Lower Upper
198 100
51 30.3 39.6 79.6#
105 41.0 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

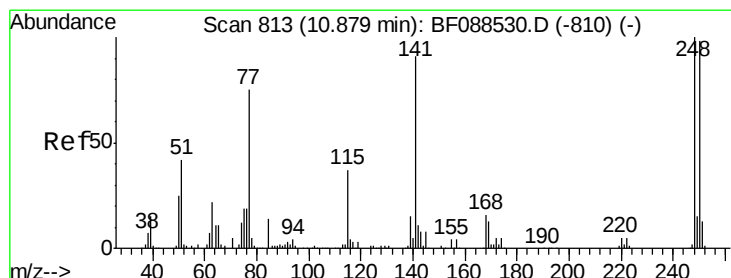
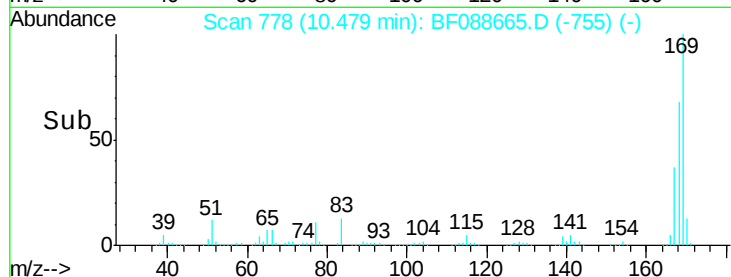
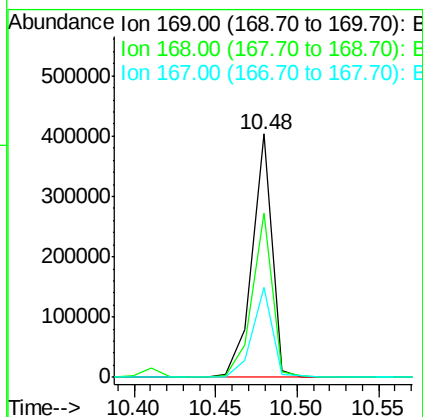
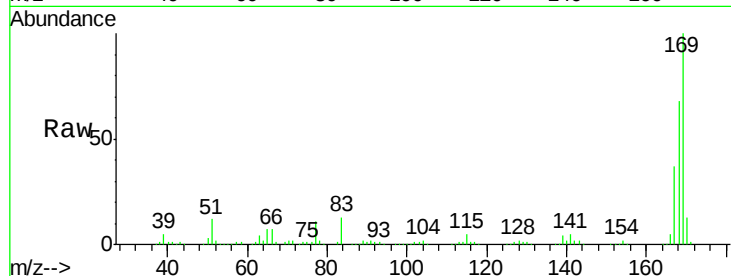




#65
n-Nitrosodiphenylamine
Concen: 23.73 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

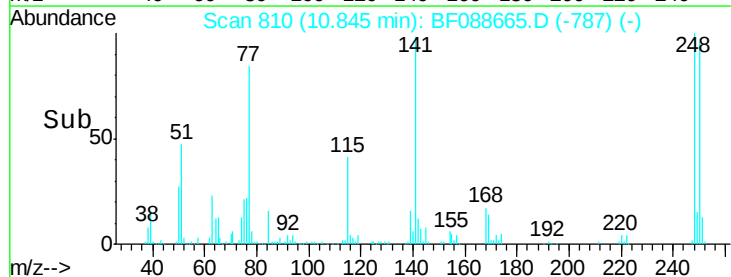
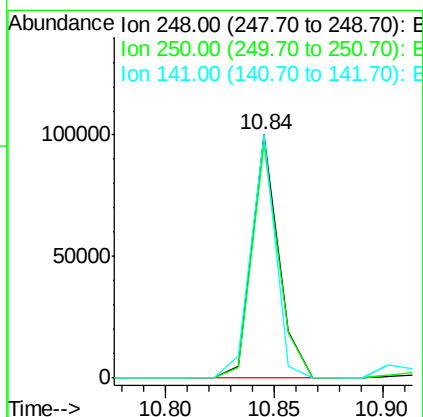
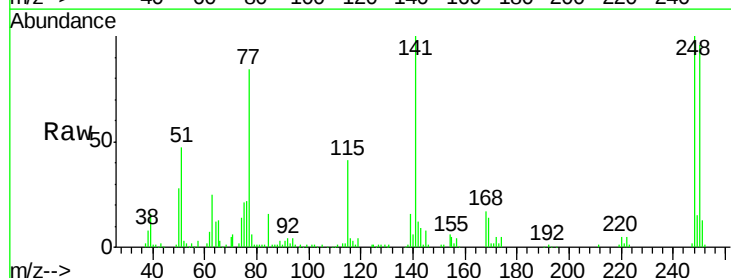
Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 343272
Ion Ratio Lower Upper
169 100
168 67.6 53.4 80.0
167 36.7 29.4 44.0



#66
4-Bromophenyl-phenylether
Concen: 19.74 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion:248 Resp: 85020
Ion Ratio Lower Upper
248 100
250 96.0 77.1 115.7
141 99.9 50.6 76.0#

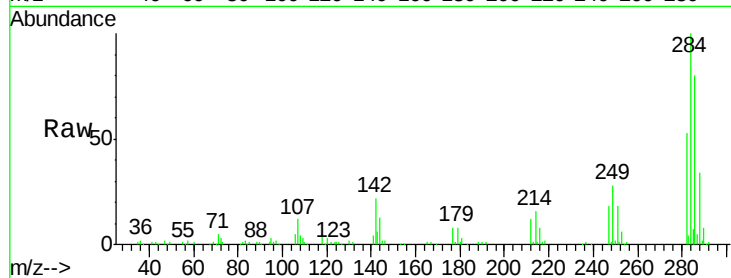




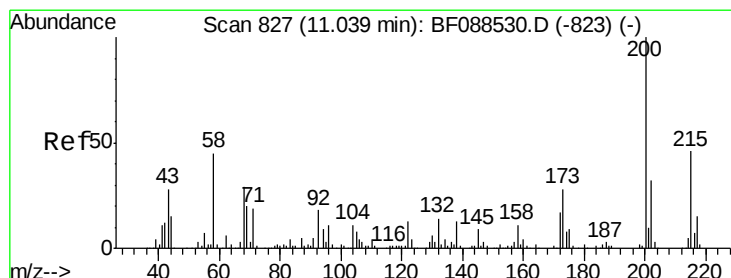
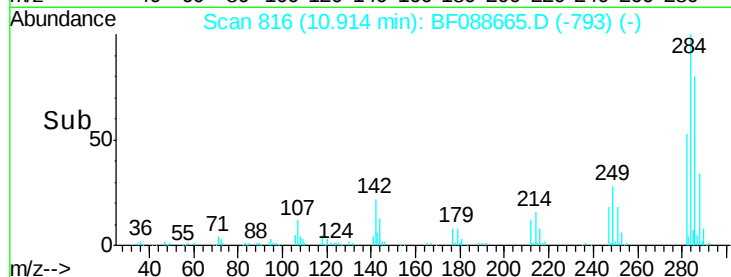
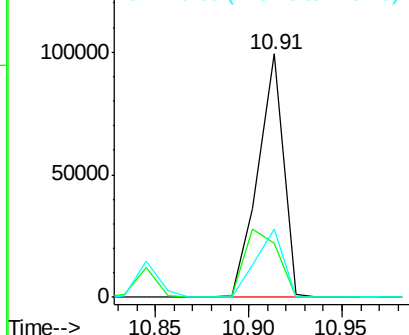
#67
Hexachlorobenzene
Concen: 19.77 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 94240
Ion Ratio Lower Upper
284 100
142 22.2 35.8 53.8#
249 28.2 25.8 38.6

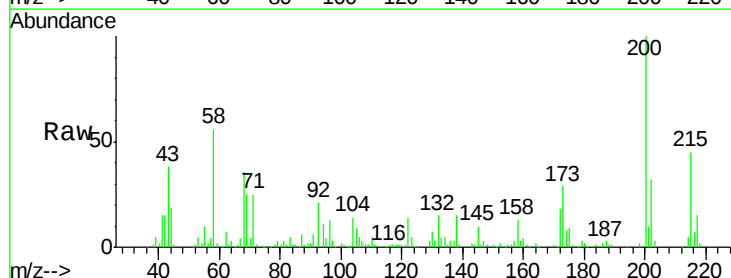


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

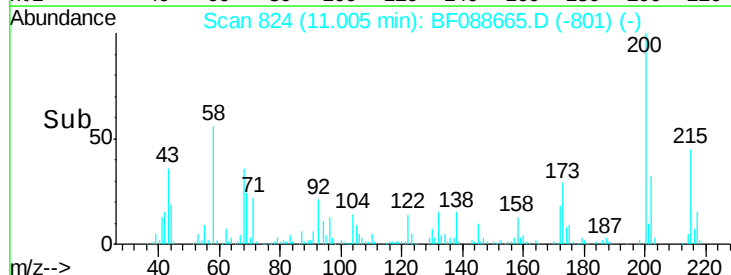
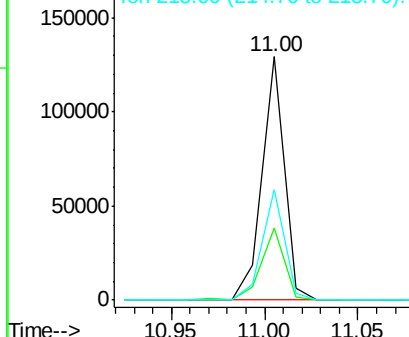


#68
Atrazine
Concen: 23.56 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion:200 Resp: 106171
Ion Ratio Lower Upper
200 100
173 29.4 4.0 44.0
215 45.4 29.3 69.3



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





#69

Pentachlorophenol

Concen: 65.86 ng

RT: 11.11 min Scan# 833

Delta R.T. -0.02 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampled :

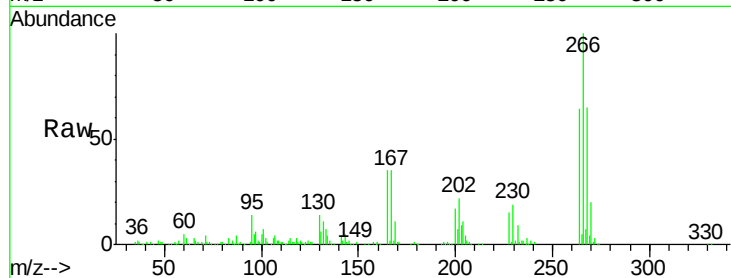
Tot Ion:266 Resp: 185836

Ion Ratio Lower Upper

266 100

268 64.6 52.8 79.2

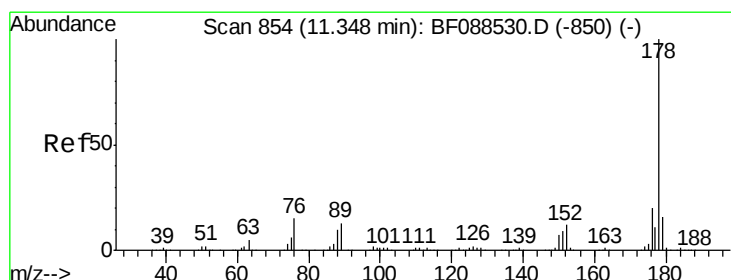
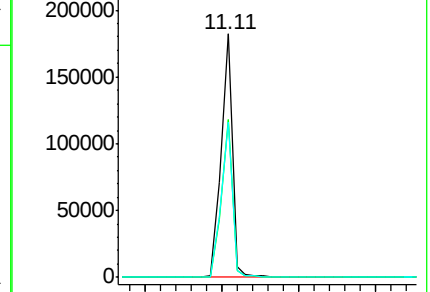
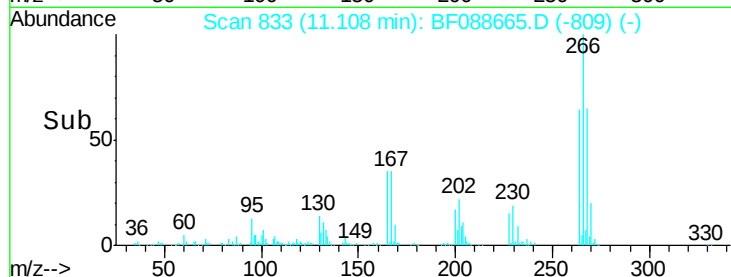
264 63.6 49.6 74.4



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: 20.55 ng

RT: 11.33 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

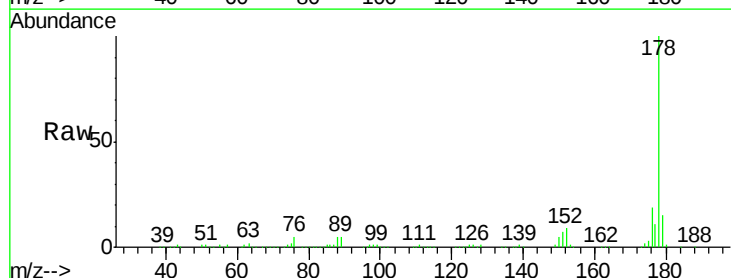
Tgt Ion:178 Resp: 480199

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

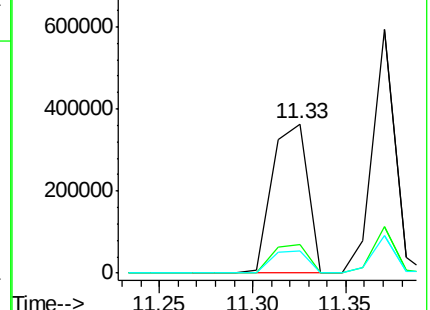
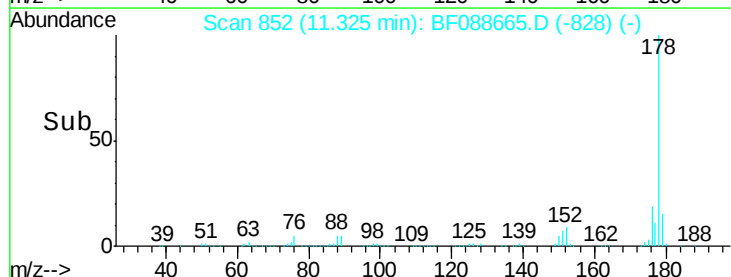
179 15.0 13.0 19.4

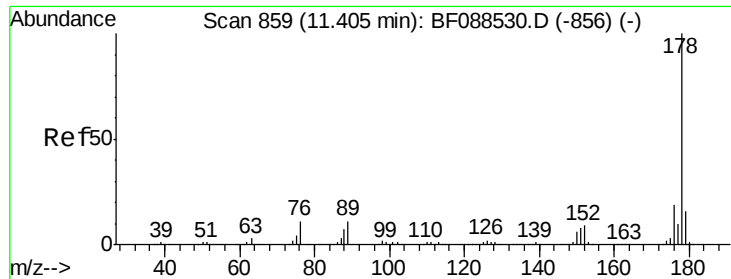


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

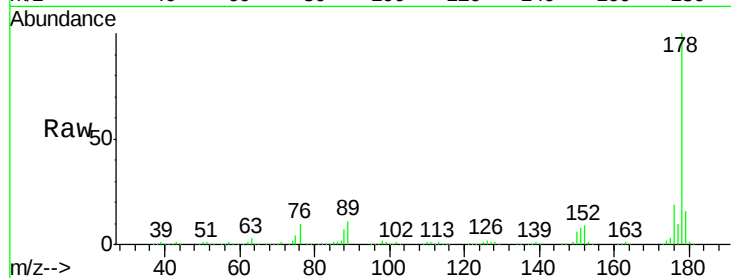




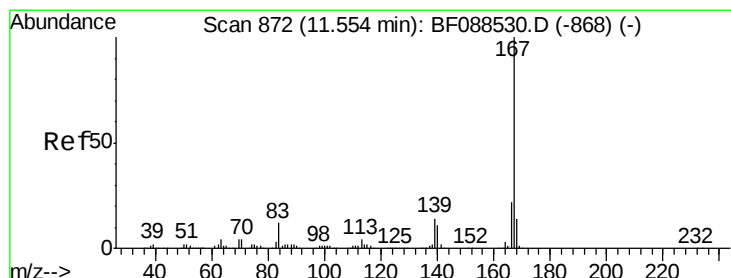
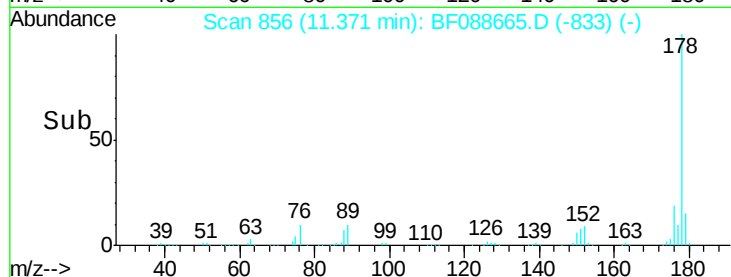
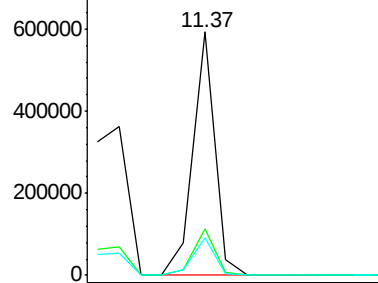
#71
 Anthracene
 Concen: 20.99 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 487548
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.6 12.8 19.2

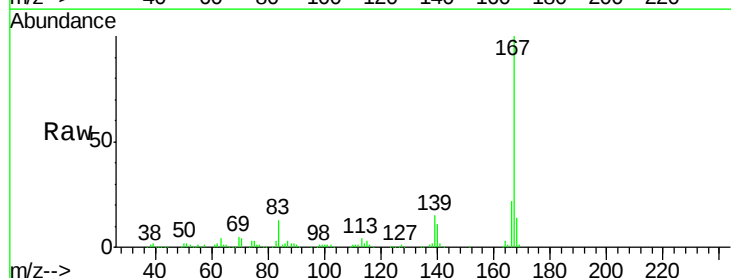


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

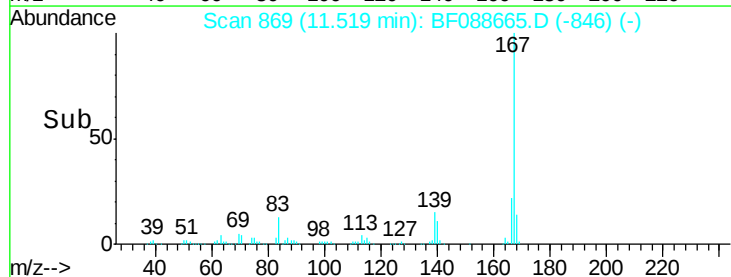
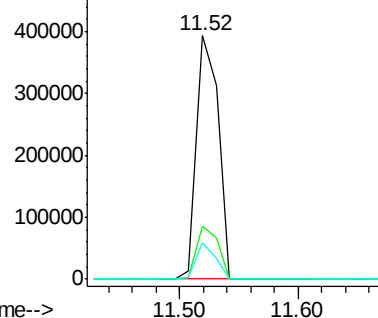


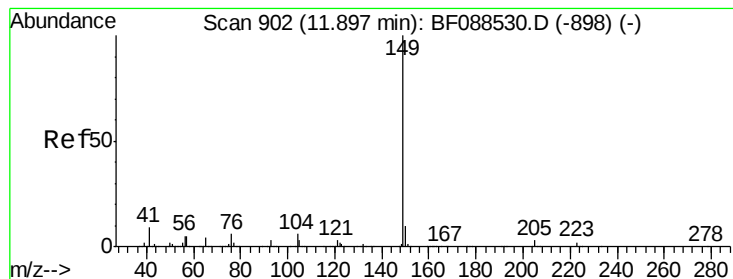
#72
 Carbazole
 Concen: 22.73 ng
 RT: 11.52 min Scan# 869
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Tgt Ion:167 Resp: 496960
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 15.1 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: 19.74 ng

RT: 11.86 min Scan# 899

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

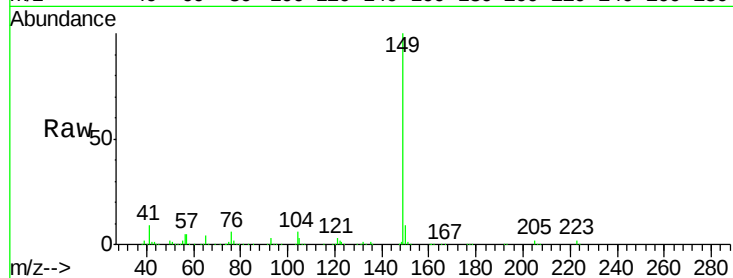
Tot Ion:149 Resp: 502155

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

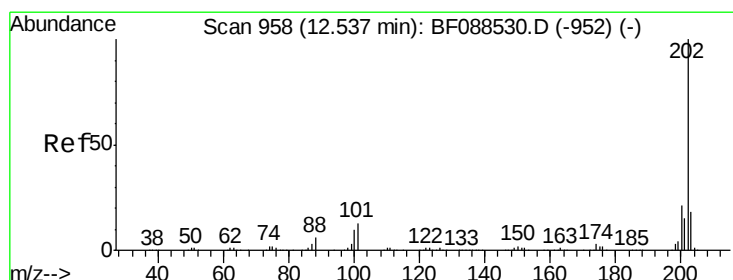
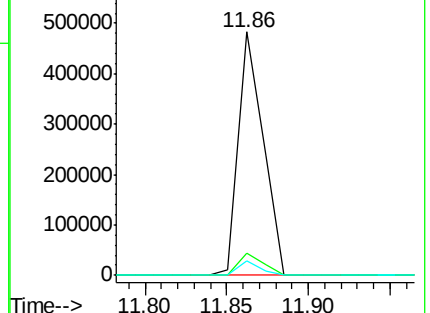
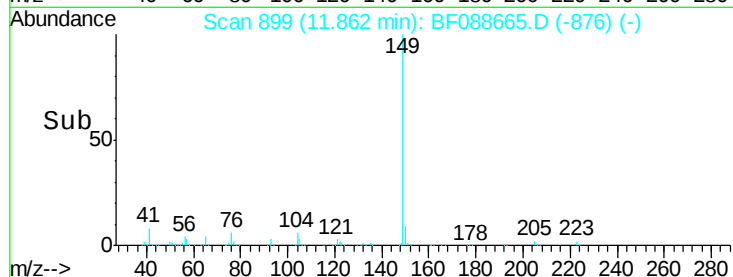
104 5.7 4.0 6.0



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: 18.53 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

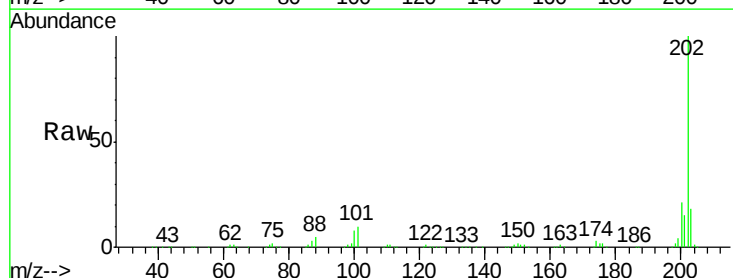
Tgt Ion:202 Resp: 438869

Ion Ratio Lower Upper

202 100

101 10.5 0.0 33.1

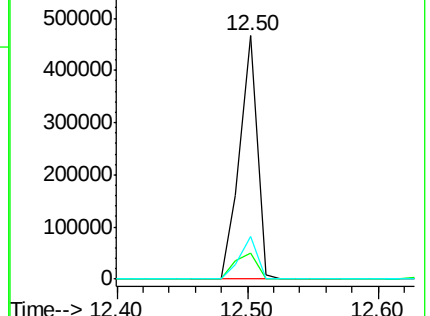
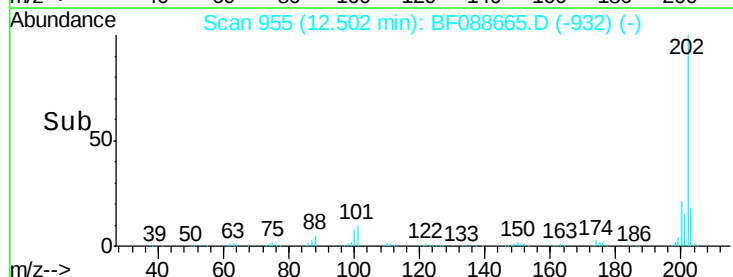
203 17.6 0.0 38.1



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: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampled :

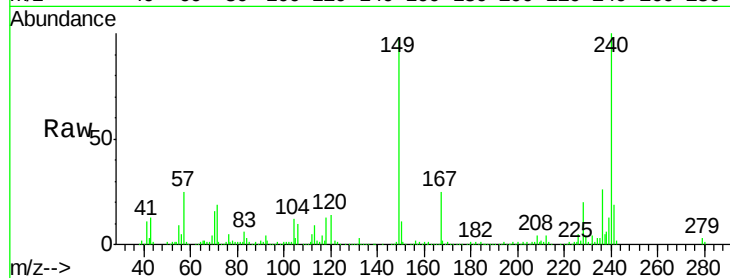
Tot Ion:240 Resp: 273097

Ion Ratio Lower Upper

240 100

120 13.8 6.8 10.2#

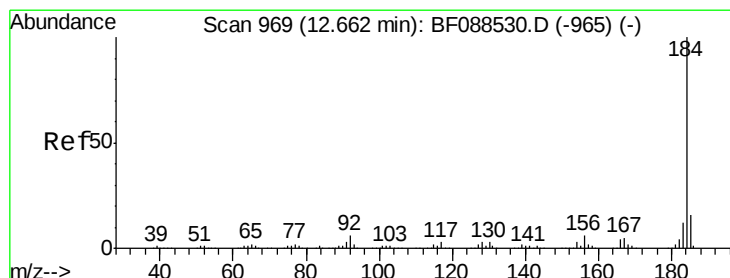
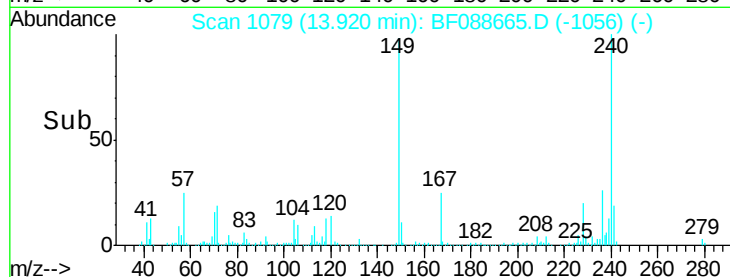
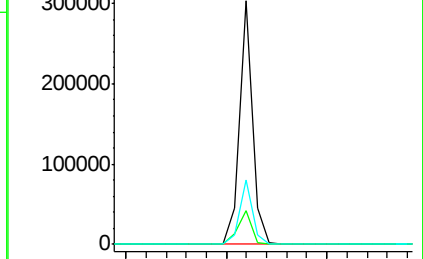
236 26.5 20.2 30.2



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: 22.07 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

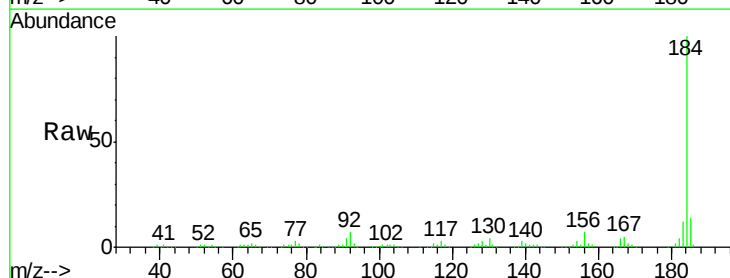
Tgt Ion:184 Resp: 304677

Ion Ratio Lower Upper

184 100

185 14.5 12.5 18.7

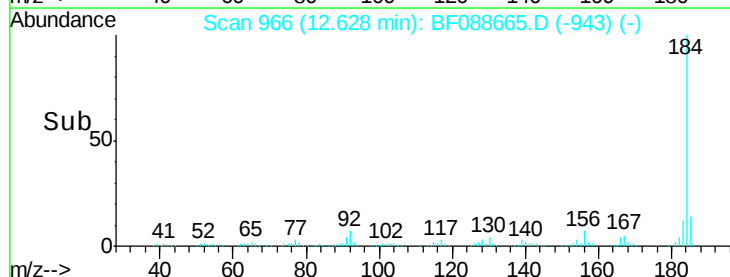
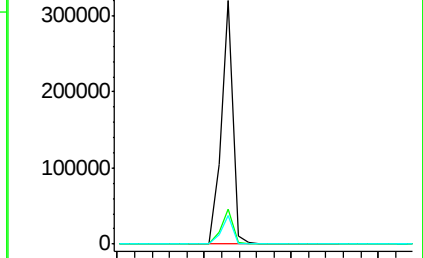
183 11.8 9.3 13.9

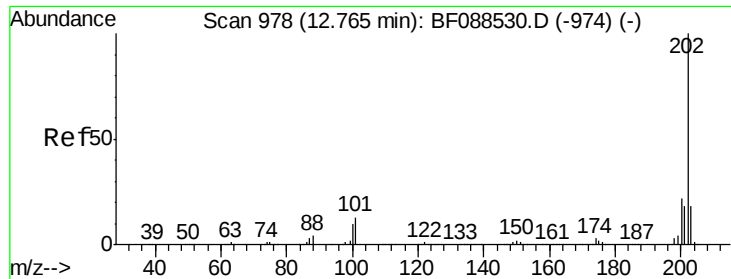


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

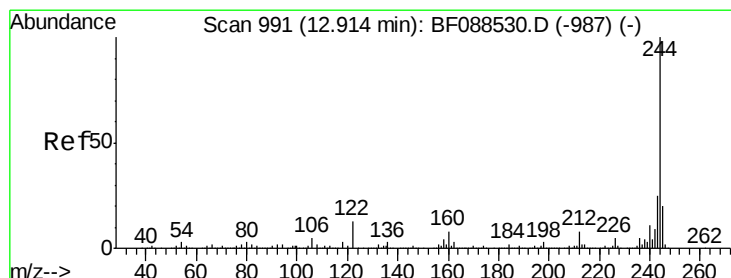
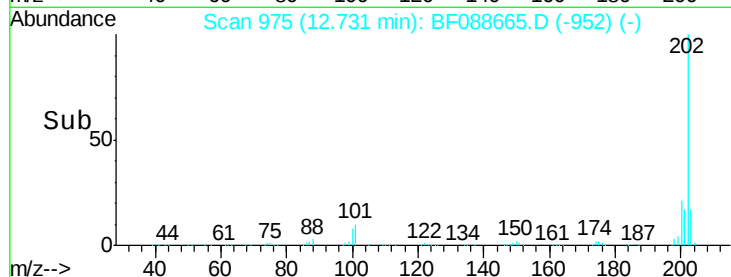
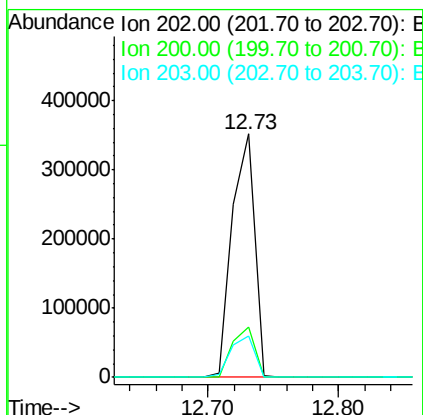
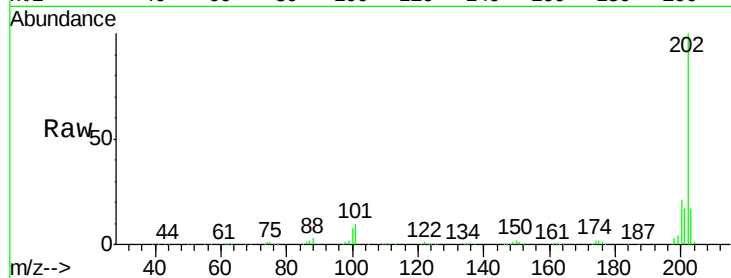




#77
Pvrene
Concen: 18.21 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

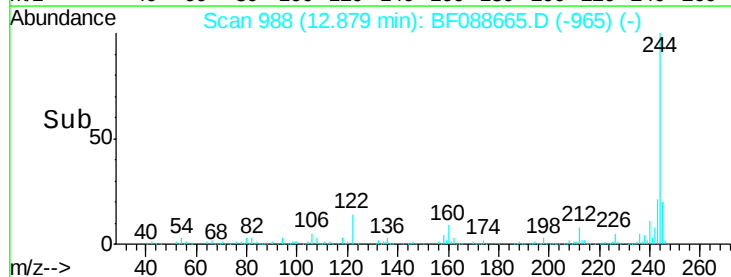
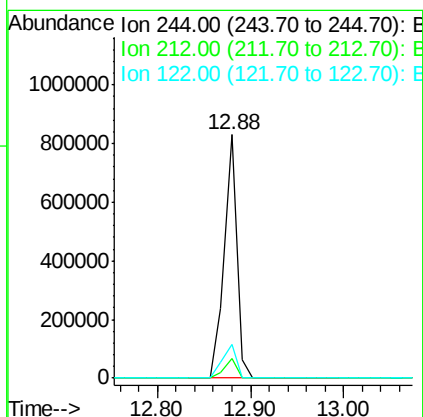
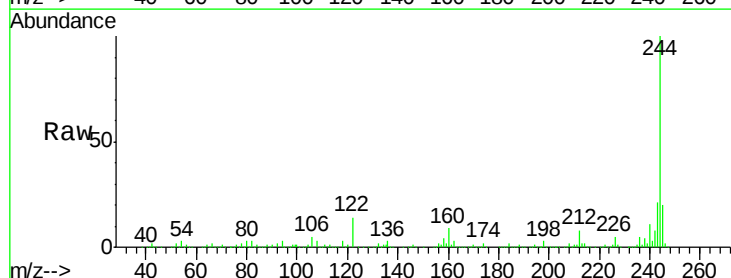
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 421707
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.2
203 17.2 14.5 21.7



#78
Terphenyl-d14
Concen: 63.58 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion:244 Resp: 779615
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 13.7 11.2 16.8





#79

Butylbenzylphthalate

Concen: 18.32 ng

RT: 13.36 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

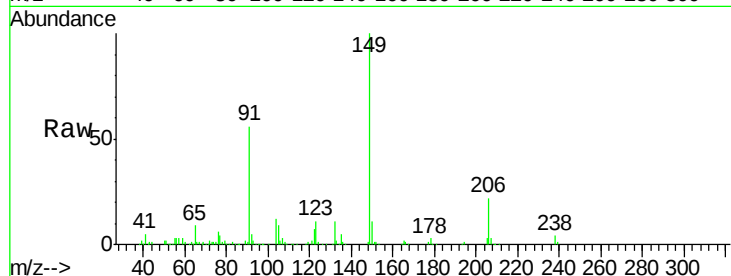
Tot Ion:149 Resp: 189186

Ion Ratio Lower Upper

149 100

91 56.2 48.0 72.0

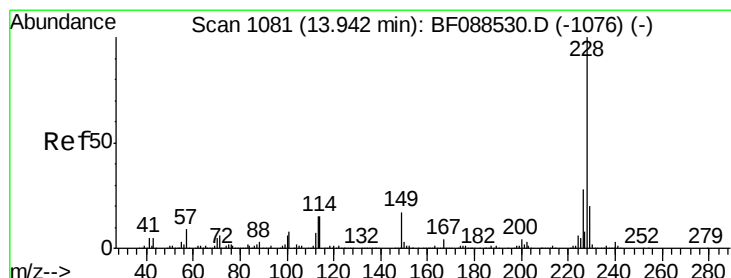
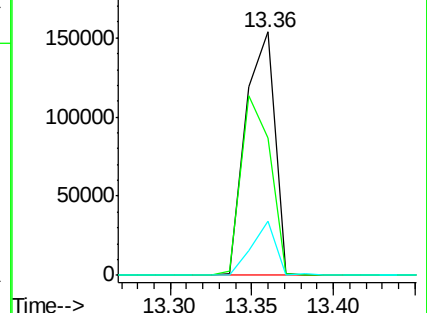
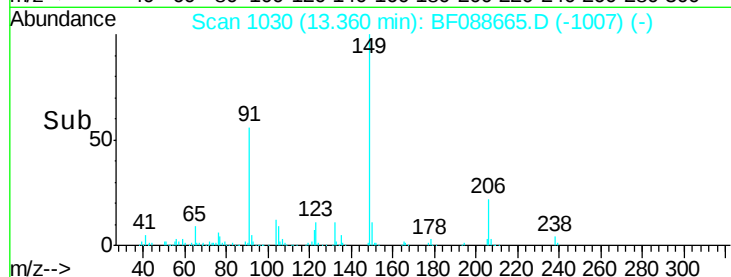
206 22.2 16.0 24.0



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: 18.21 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

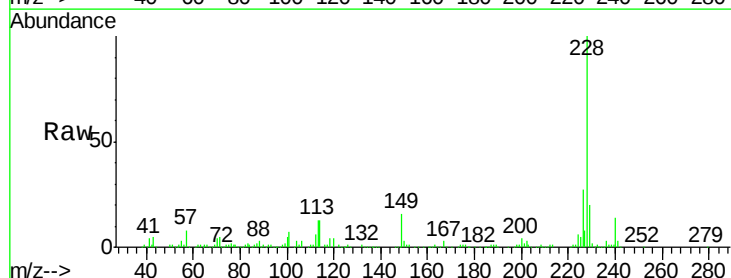
Tgt Ion:228 Resp: 320222

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

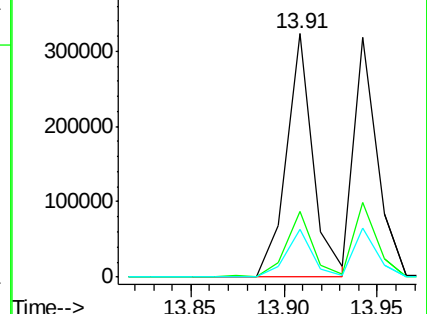
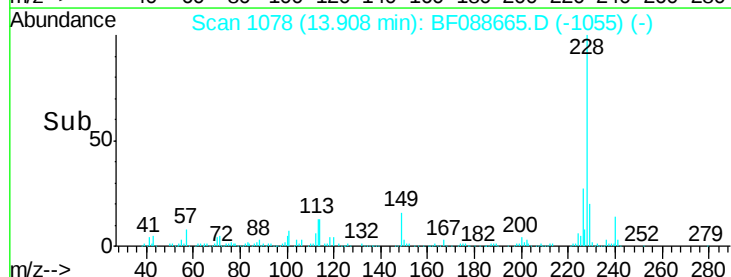
229 19.5 16.0 24.0



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

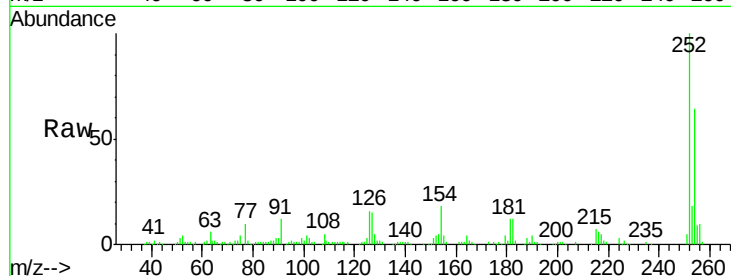




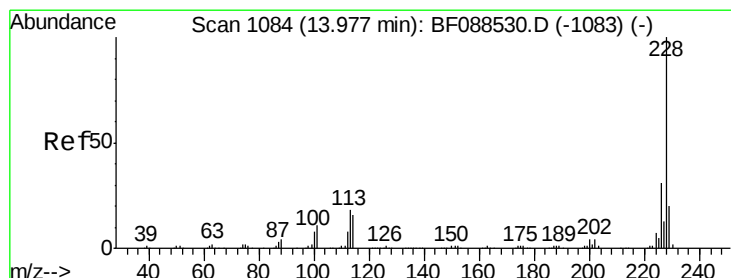
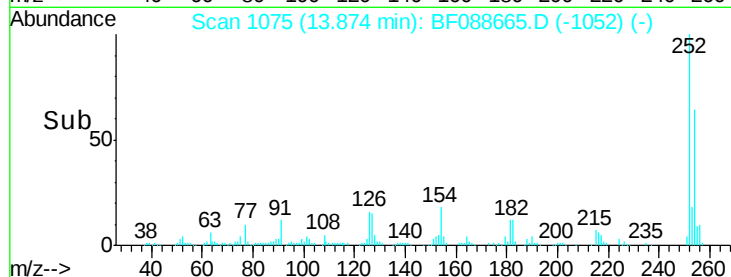
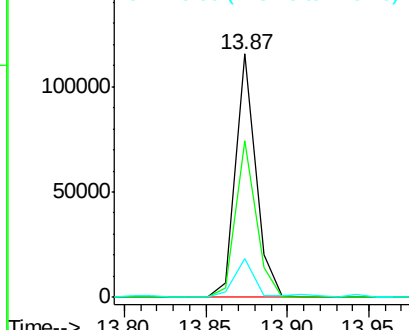
#81
 3,3'-Dichlorobenzidine
 Concen: 14.89 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 98452
 Ion Ratio Lower Upper
 252 100
 254 64.1 52.6 78.8
 126 15.8 6.2 9.2#

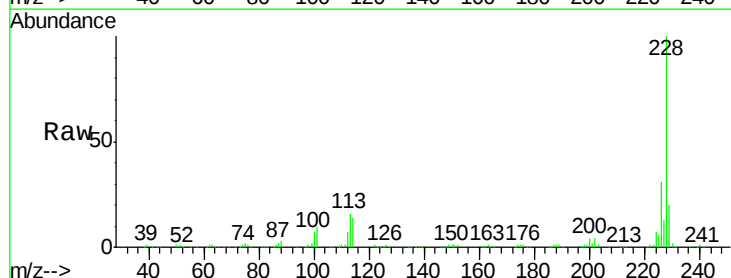


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

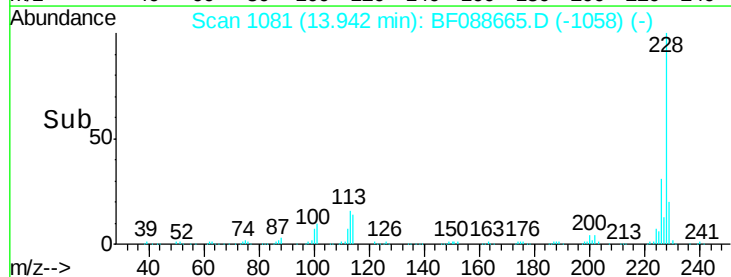
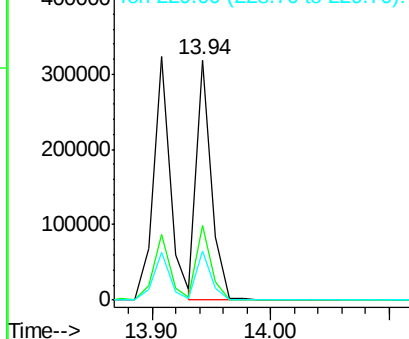


#82
 Chrysene
 Concen: 16.18 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Tgt Ion:228 Resp: 281520
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.2
 229 20.2 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

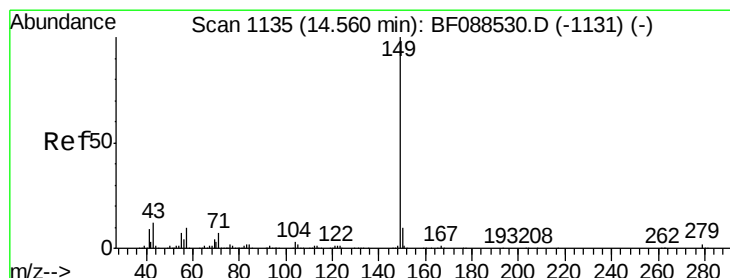
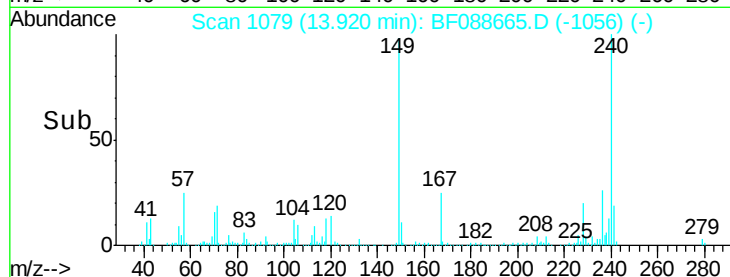
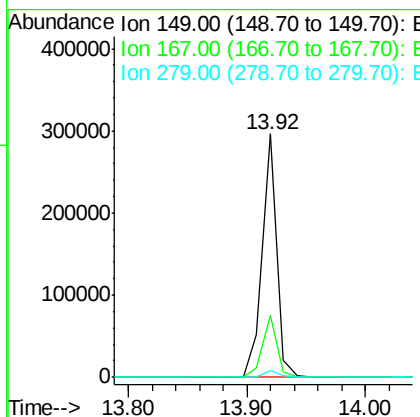
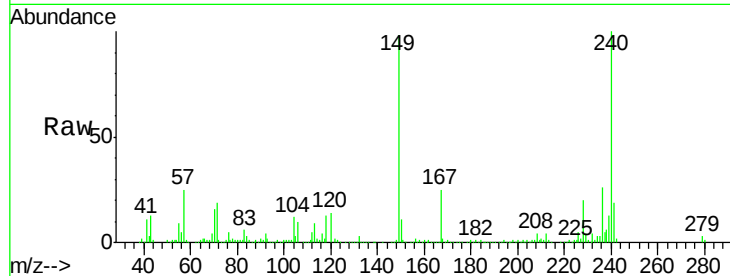




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 21.59 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

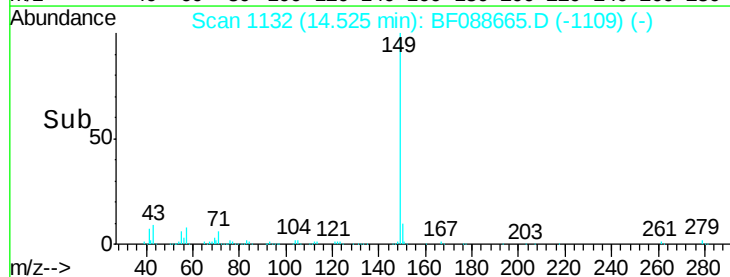
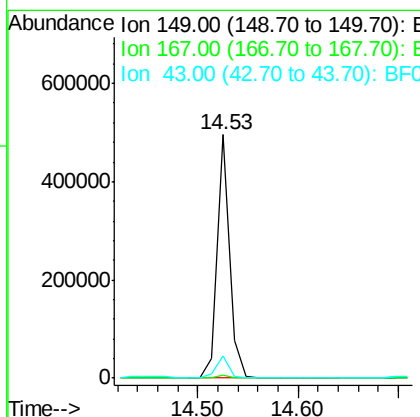
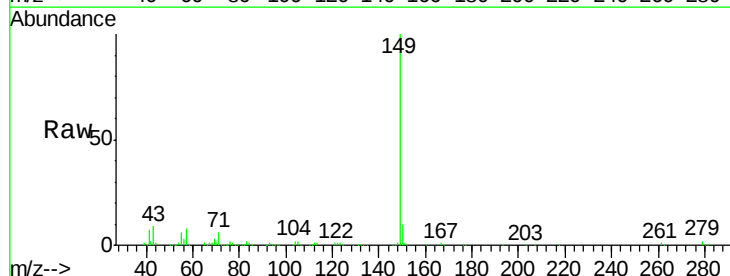
Instrument :
 BNA_F
 ClientSampleId :

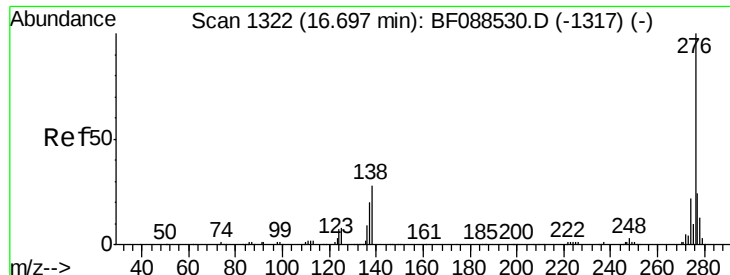
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.5	30.7
279	3.0	2.0	3.0



#84
 Di-n-octyl phthalate
 Concen: 21.17 ng
 RT: 14.53 min Scan# 1132
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	9.5	0.0	0.0#

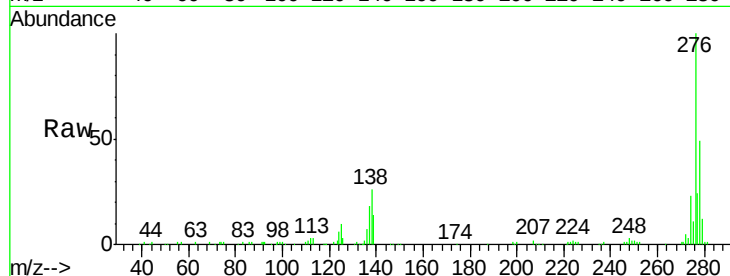




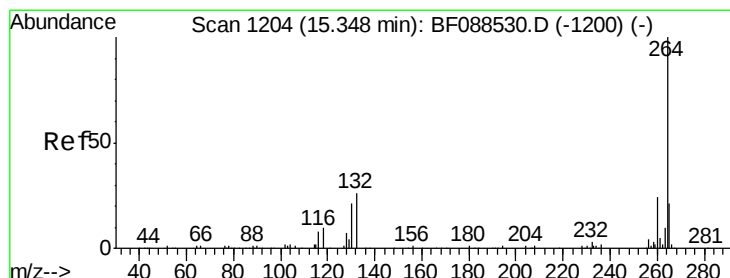
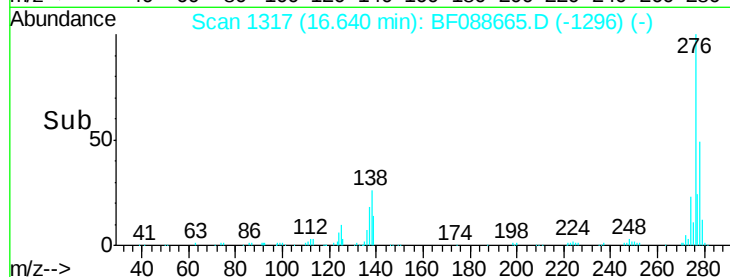
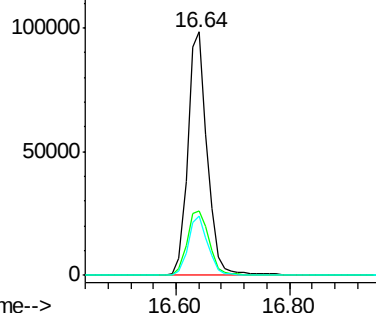
#85
Indeno(1,2,3-cd)pyrene
Concen: 17.38 ng
RT: 16.64 min Scan# 1317
Delta R.T. -0.06 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:276 Resp: 232591
Ion Ratio Lower Upper
276 100
138 29.6 0.0 0.0#
277 24.7 0.0 0.0#

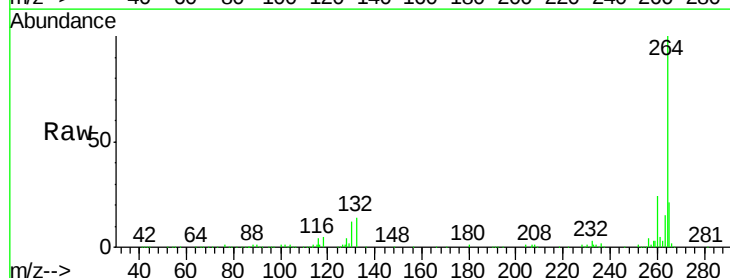


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

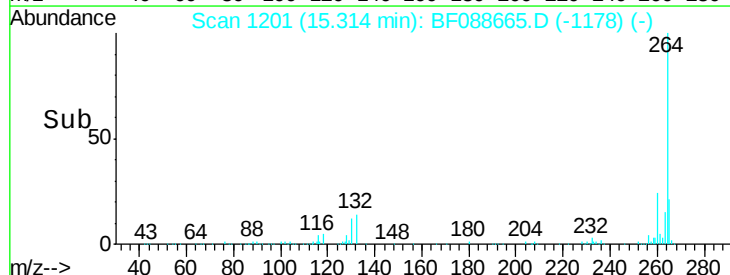
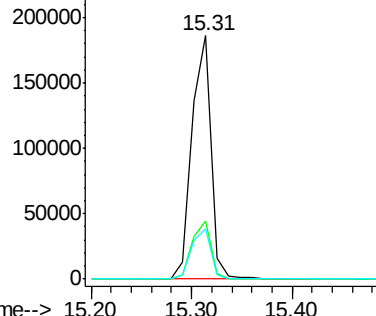


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion:264 Resp: 245020
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 20.6 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: 32.14 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

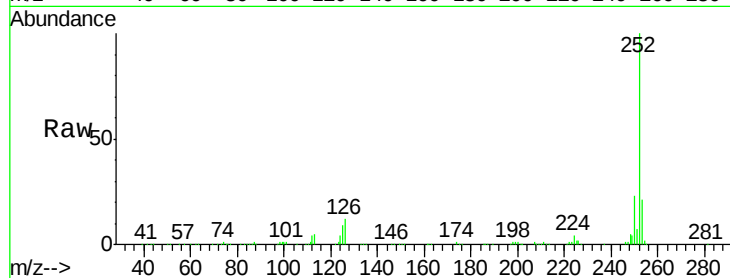
Tot Ion:252 Resp: 493998

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.2

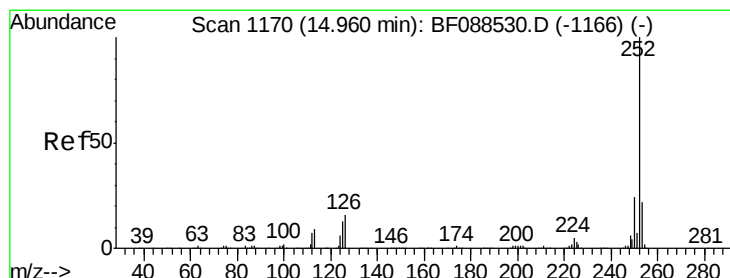
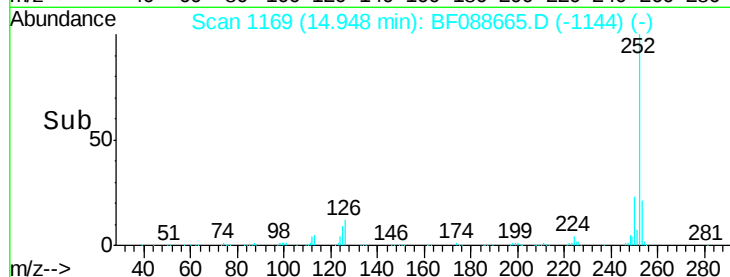
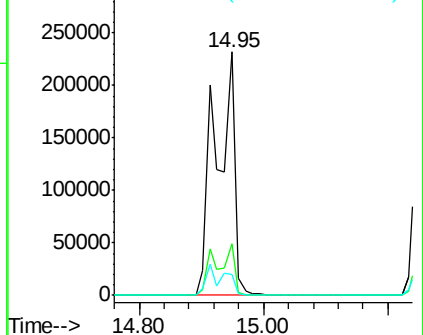
125 8.6 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.92 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

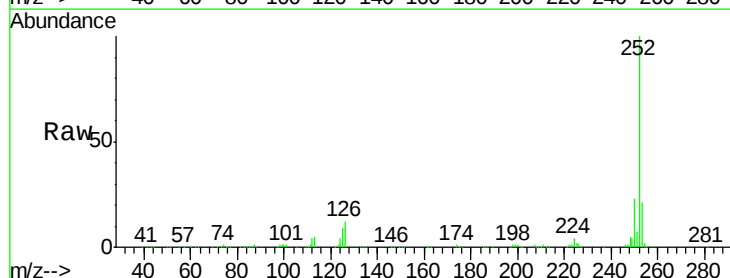
Tgt Ion:252 Resp: 493998

Ion Ratio Lower Upper

252 100

253 21.1 18.0 27.0

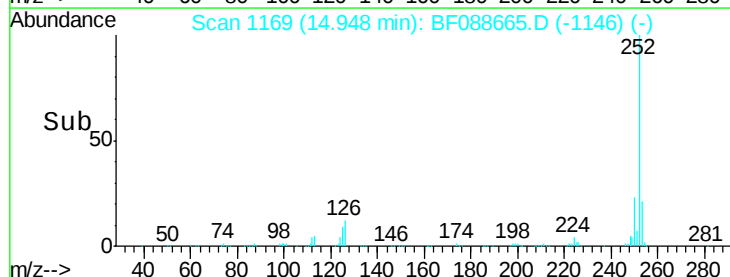
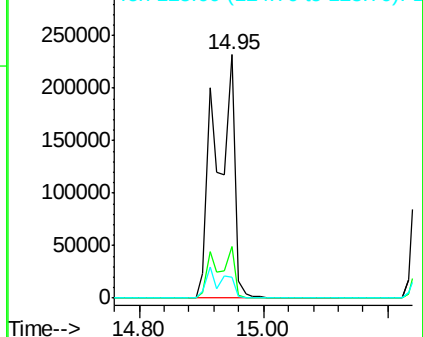
125 8.6 11.2 16.8#

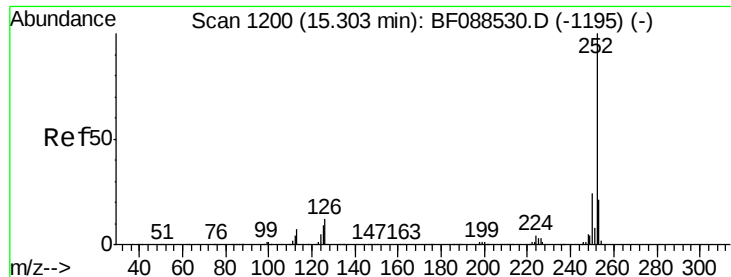


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 17.12 ng

RT: 15.25 min Scan# 1195

Delta R.T. -0.06 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

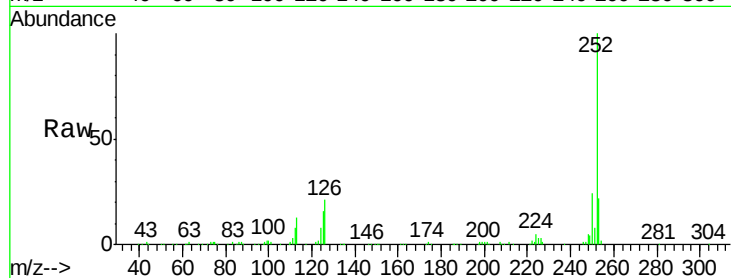
Tot Ion:252 Resp: 222825

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

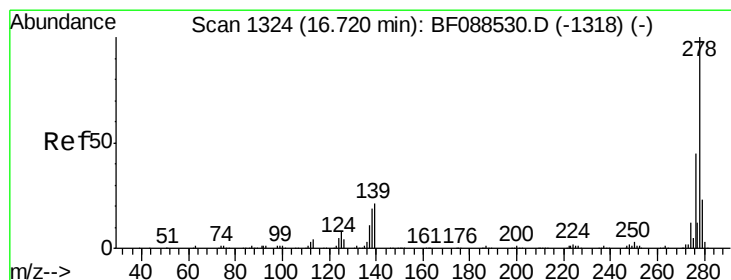
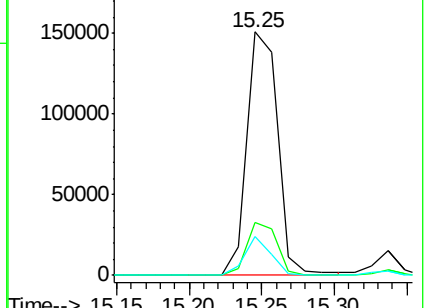
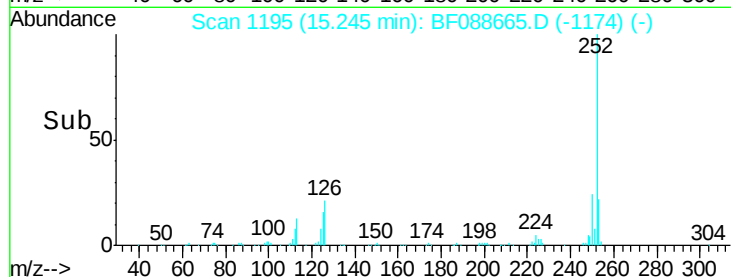
125 16.2 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 18.22 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.07 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

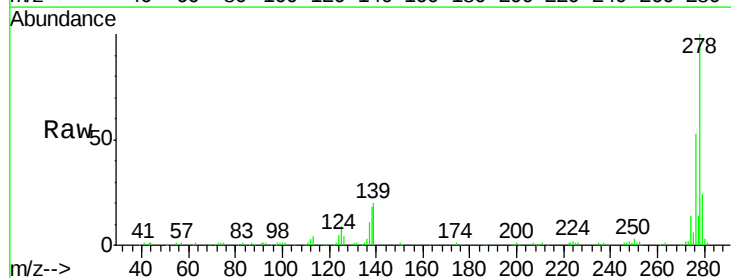
Tgt Ion:278 Resp: 197990

Ion Ratio Lower Upper

278 100

139 20.2 15.7 23.5

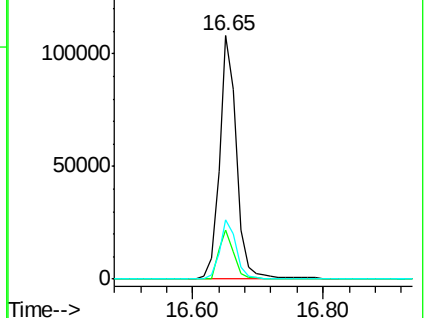
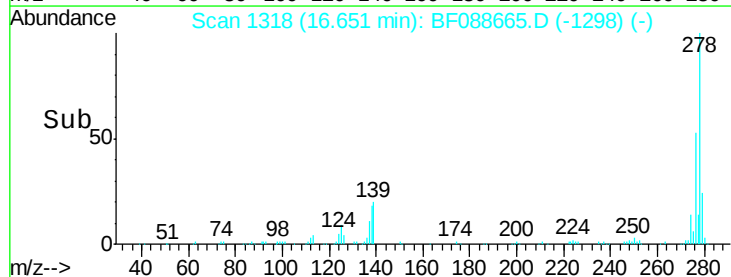
279 24.1 19.4 29.2

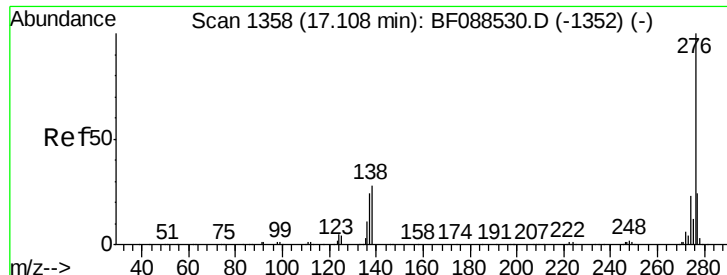


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 16.89 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.07 min

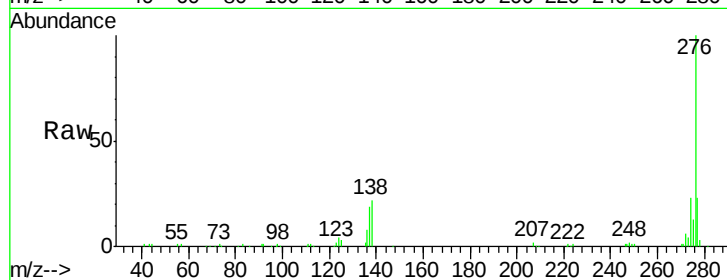
Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 189951

Ion Ratio Lower Upper

276 100

277 23.0 18.9 28.3

138 21.7 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

