

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088666.D
 Acq On : 4 Jul 2016 00:18
 Operator : UM/SJ
 Sample : H3817-08MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 05:02:42 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	127243	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	463236	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	217980	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	456962	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	293914	20.00	ng	-0.03
86) Perylene-d12	15.31	264	281271	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	943894	111.17	ng	-0.01
7) Phenol-d6	6.42	99	1163399	106.05	ng	-0.02
23) Nitrobenzene-d5	7.35	82	745912	84.38	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	235290	116.24	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	973407	70.54	ng	-0.03
78) Terphenyl-d14	12.88	244	799808	60.61	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	132839	31.56	ng	# 34
3) Pyridine	3.08	79	198381	16.24	ng	92
4) n-Nitrosodimethylamine	3.02	42	87463	18.74	ng	87
6) Aniline	6.44	93	209571	13.11	ng	93
8) 2-Chlorophenol	6.57	128	214991	23.56	ng	92
9) Benzaldehyde	6.32	77	136756	18.40	ng	# 79
10) Phenol	6.43	94	215174	17.19	ng	# 60
11) bis(2-Chloroethyl)ether	6.52	93	207004	22.17	ng	90
12) 1,3-Dichlorobenzene	6.80	146	199410	19.86	ng	96
13) 1,4-Dichlorobenzene	6.80	146	199410	20.01	ng	96
14) 1,2-Dichlorobenzene	6.96	146	190583	20.43	ng	97
15) Benzyl Alcohol	6.92	79	187961	23.28	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	266232	19.69	ng	90
17) 2-Methylphenol	7.04	107	166509	22.37	ng	97
18) Hexachloroethane	7.30	117	75717	19.64	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	144260	19.58	ng	94
20) 3+4-Methylphenols	7.20	107	216264	24.21	ng	# 85
22) Acetophenone	7.20	105	291428	25.92	ng	# 90
24) Nitrobenzene	7.37	77	243975	27.37	ng	93
25) Isophorone	7.61	82	421504	25.74	ng	100
26) 2-Nitrophenol	7.68	139	97986	26.81	ng	92
27) 2,4-Dimethylphenol	7.72	122	170566	22.41	ng	90
28) bis(2-Chloroethoxy)methane	7.83	93	254581	23.89	ng	# 95
29) 2,4-Dichlorophenol	7.93	162	152766	24.83	ng	93
30) 1,2,4-Trichlorobenzene	8.01	180	143502	21.26	ng	99
31) Naphthalene	8.09	128	527138	23.08	ng	99
32) Benzoic acid	7.80	122	33059	5.98	ng	96
33) 4-Chloroaniline	8.14	127	121495	11.96	ng	97
34) Hexachlorobutadiene	8.22	225	74848	20.71	ng	99
35) Caprolactam	8.49	113	17768	8.50	ng	# 87
36) 4-Chloro-3-methylphenol	8.63	107	169457	23.29	ng	91
37) 2-Methylnaphthalene	8.78	142	302573	20.58	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	130925	18.06	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	170641	47.95	ng	99

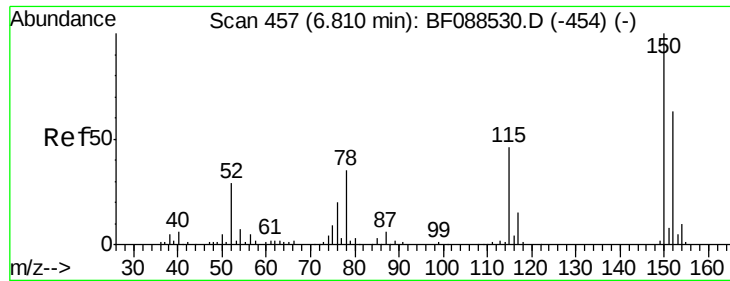
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	105252	22.02	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	109665	26.66	nq	# 93
45) 1,1'-Biphenyl	9.24	154	400876	22.21	nq	99
46) 2-Chloronaphthalene	9.27	162	310882	21.94	nq	99
47) 2-Nitroaniline	9.36	65	114337	22.74	nq	98
48) Acenaphthylene	9.68	152	495979	22.00	nq	99
49) Dimethylphthalate	9.54	163	518310	33.38	nq	99
50) 2,6-Dinitrotoluene	9.60	165	79813	23.19	nq	# 35
51) Acenaphthene	9.85	154	331985	24.02	nq	100
52) 3-Nitroaniline	9.77	138	76578	17.50	nq	88
53) 2,4-Dinitrophenol	9.87	184	75936	49.97	nq	94
54) Dibenzofuran	10.02	168	411595	22.75	nq	# 89
55) 4-Nitrophenol	9.93	139	221445	66.60	nq	91
56) 2,4-Dinitrotoluene	10.00	165	111547	24.79	nq	# 40
57) Fluorene	10.36	166	327063	23.46	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	79629	25.02	nq	# 50
59) Diethylphthalate	10.25	149	395830	25.40	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	135128	20.86	nq	# 86
61) 4-Nitroaniline	10.38	138	80512	19.12	nq	84
62) Azobenzene	10.51	77	415251	23.36	nq	91
64) 4,6-Dinitro-2-methylphenol	10.41	198	51229	20.96	nq	# 73
65) n-Nitrosodiphenylamine	10.48	169	331699	21.45	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	87327	18.96	nq	# 81
67) Hexachlorobenzene	10.91	284	97229	19.07	nq	# 77
68) Atrazine	11.00	200	103051	21.38	nq	93
69) Pentachlorophenol	11.11	266	184438	61.14	nq	99
70) Phenanthrene	11.32	178	488866	19.57	nq	98
71) Anthracene	11.37	178	513585	20.68	nq	99
72) Carbazole	11.52	167	496791	21.25	nq	99
73) Di-n-butylphthalate	11.86	149	511293	18.80	nq	99
74) Fluoranthene	12.50	202	465134	18.37	nq	96
76) Benzidine	12.63	184	334354	22.51	nq	98
77) Pyrene	12.73	202	444747	17.85	nq	98
79) Butylbenzylphthalate	13.36	149	202888	18.25	nq	98
80) Benzo(a)anthracene	13.91	228	337646	17.84	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	103060	14.48	nq	# 97
82) Chrysene	13.94	228	300008	16.02	nq	98
83) Bis(2-ethylhexyl)phthalate	13.92	149	271392	21.38	nq	# 100
84) Di-n-octyl phthalate	14.53	149	473743	21.97	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.64	276	275515	19.13	nq	# 100
87) Benzo(b)fluoranthene	14.95	252	583439	33.07	nq	99
88) Benzo(k)fluoranthene	14.95	252	583439	37.98	nq	# 94
89) Benzo(a)pyrene	15.25	252	258273	17.29	nq	98
90) Dibenzo(a,h)anthracene	16.65	278	236474	18.96	nq	98
91) Benzo(g,h,i)perylene	17.04	276	227301	17.61	nq	96

(#) = 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: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampled :

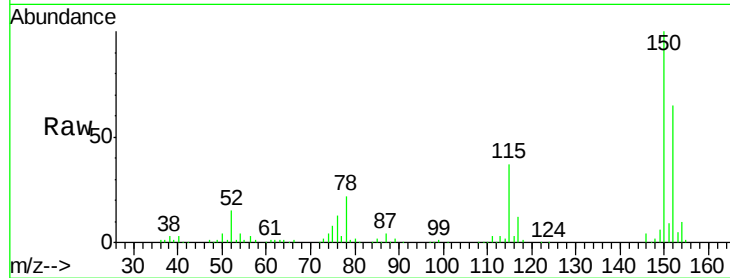
Tot Ion:152 Resp: 127243

Ion Ratio Lower Upper

152 100

150 153.9 123.8 185.6

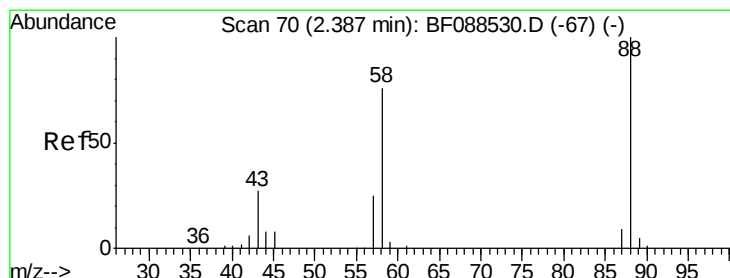
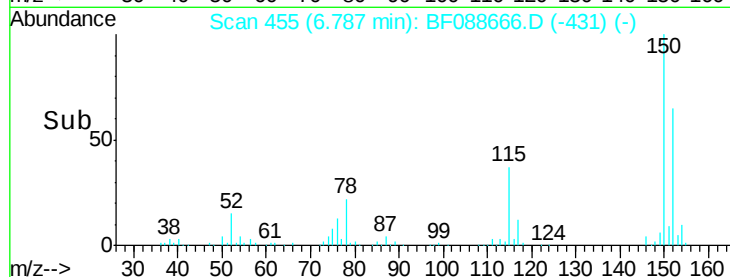
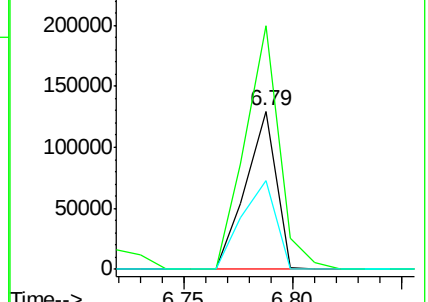
115 56.4 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.56 ng

RT: 2.40 min Scan# 71

Delta R.T. 0.01 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

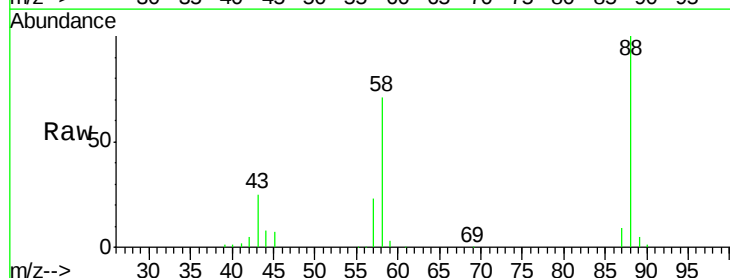
Tgt Ion: 88 Resp: 132839

Ion Ratio Lower Upper

88 100

58 70.2 0.0 0.0#

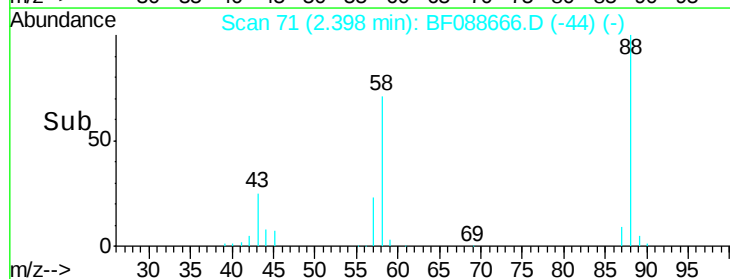
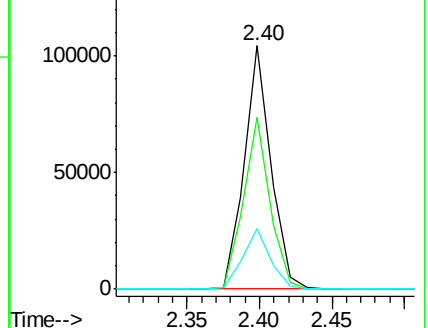
43 26.1 3.4 5.2#

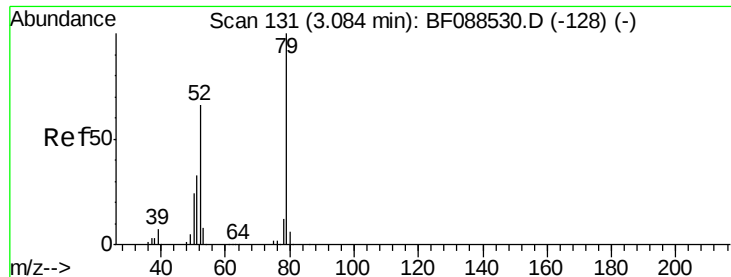


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 16.24 ng

RT: 3.08 min Scan# 131

Delta R.T. -0.00 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampleId :

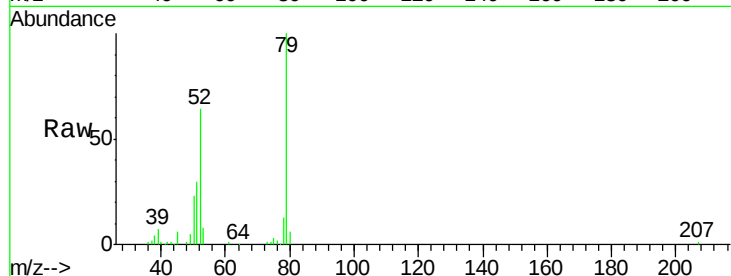
Tot Ion: 79 Resp: 198381

Ion Ratio Lower Upper

79 100

52 63.8 56.3 84.5

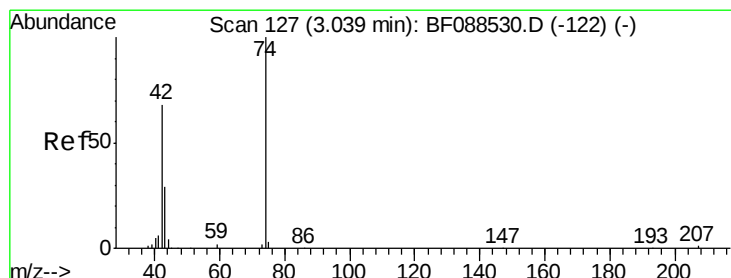
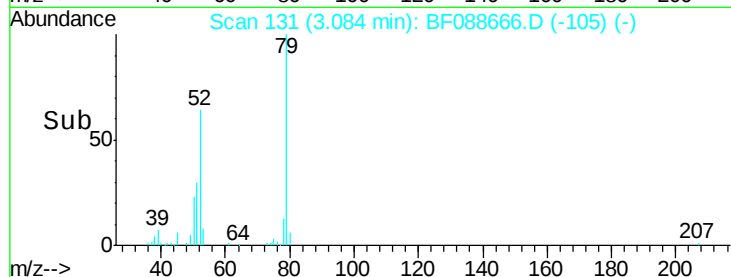
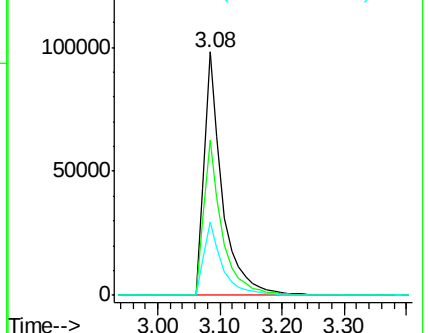
51 30.4 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 18.74 ng

RT: 3.02 min Scan# 125

Delta R.T. -0.02 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

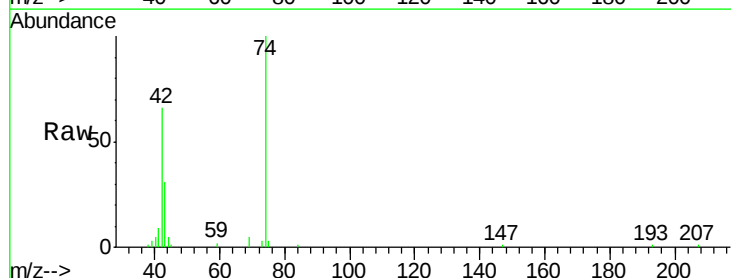
Tgt Ion: 42 Resp: 87463

Ion Ratio Lower Upper

42 100

74 152.0 108.6 163.0

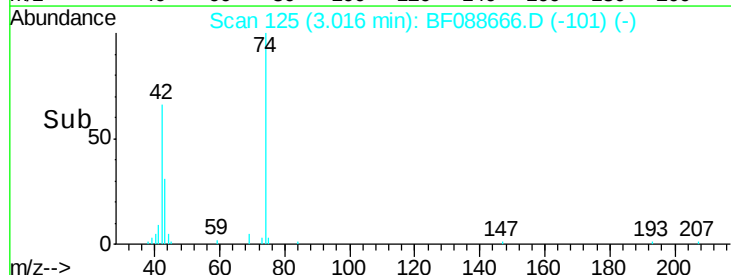
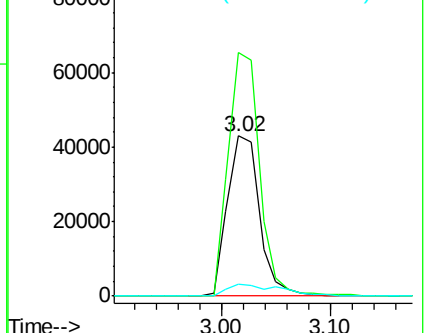
44 7.2 5.5 8.3

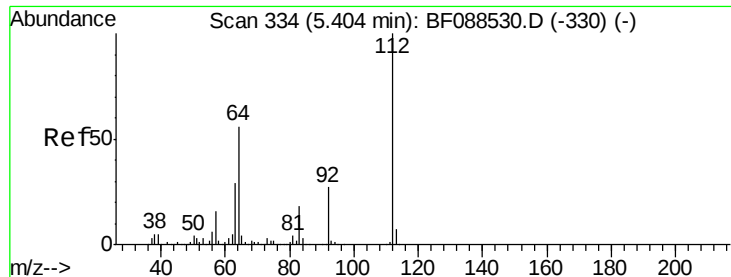


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 111.17 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampled :

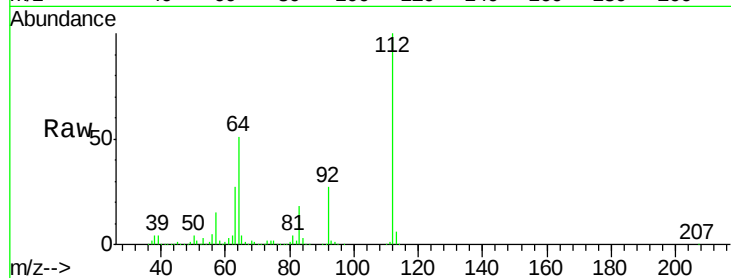
Tot Ion:112 Resp: 943894

Ion Ratio Lower Upper

112 100

64 51.1 42.2 63.2

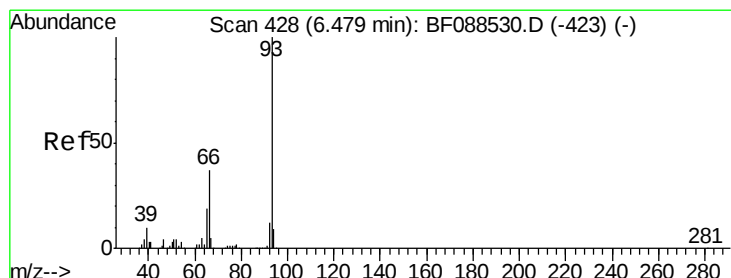
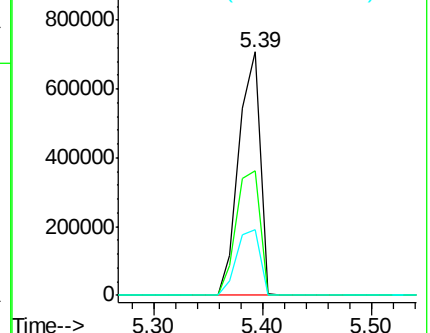
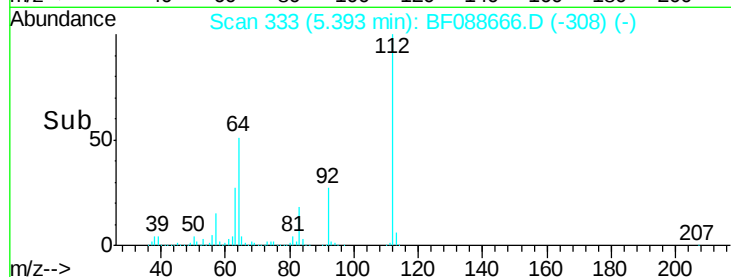
63 26.8 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.11 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

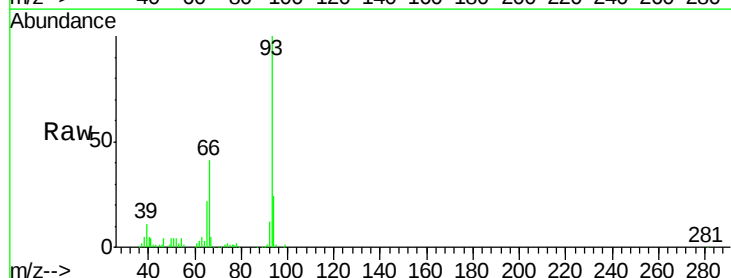
Tgt Ion: 93 Resp: 209571

Ion Ratio Lower Upper

93 100

66 41.1 29.8 44.8

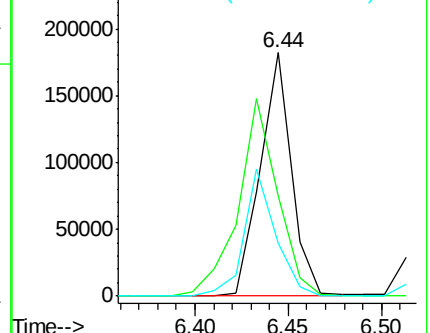
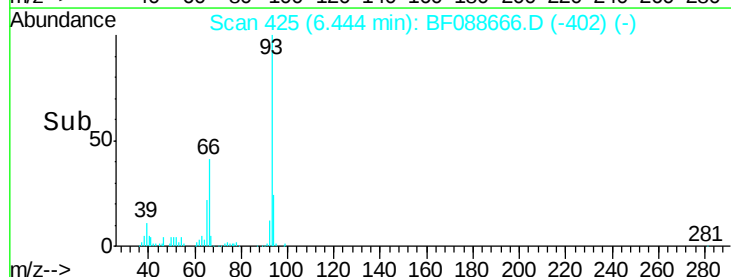
65 21.8 14.9 22.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 106.05 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

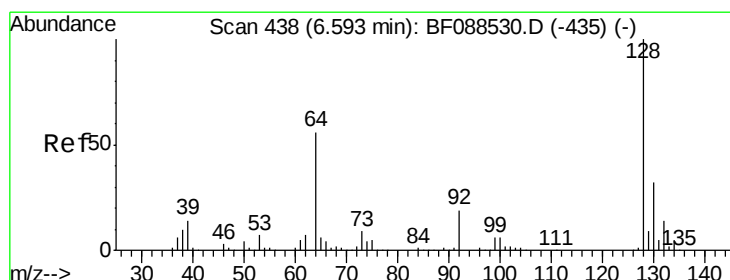
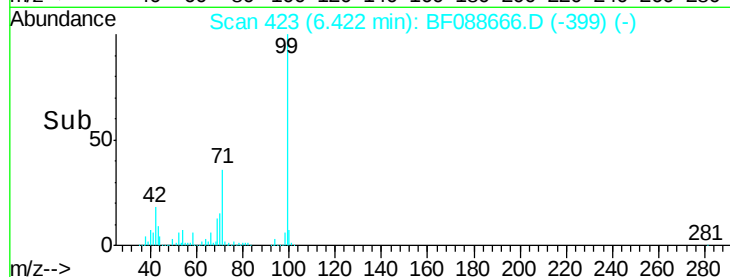
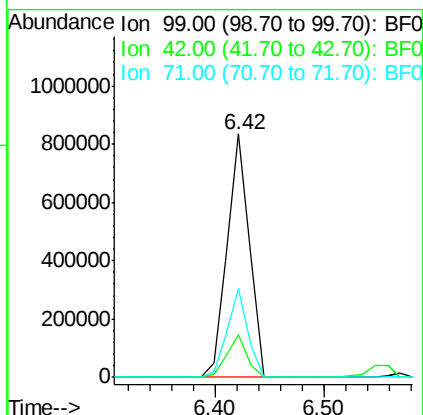
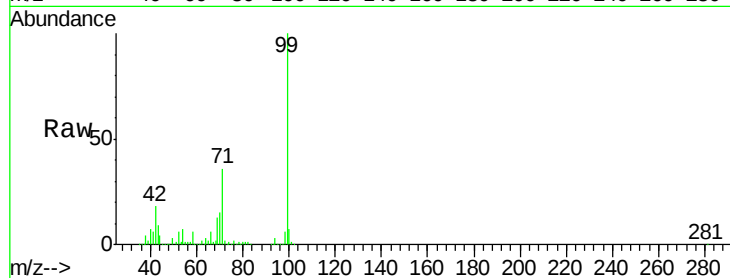
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1163399

Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.2	18.2
71	36.5	23.4	35.0#



#8

2-Chlorophenol

Concen: 23.56 ng

RT: 6.57 min Scan# 436

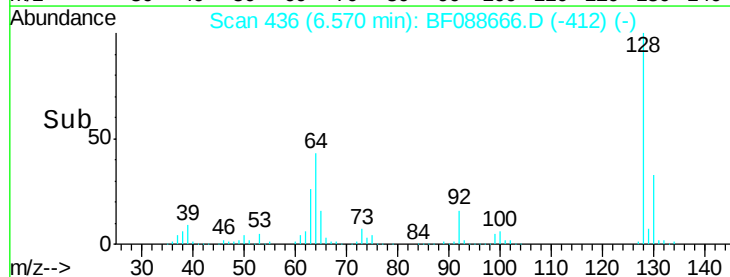
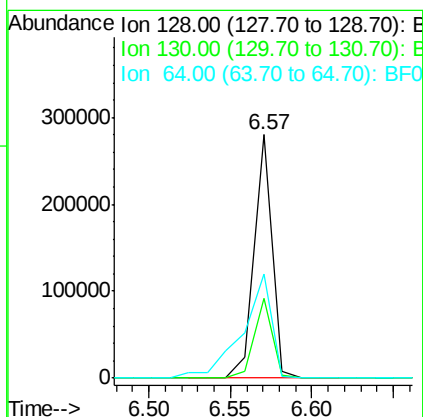
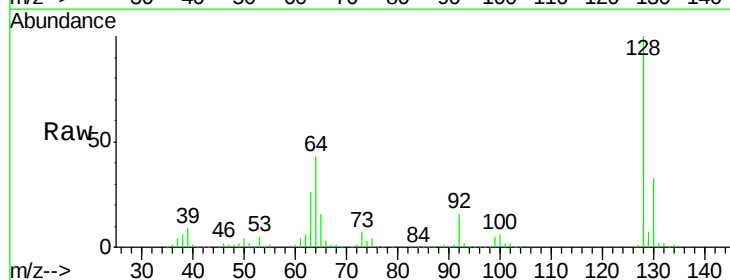
Delta R.T. -0.02 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Tgt Ion: 128 Resp: 214991

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.0	52.0
64	42.7	30.8	70.8





#9

Benzaldehyde

Concen: 18.40 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampled :

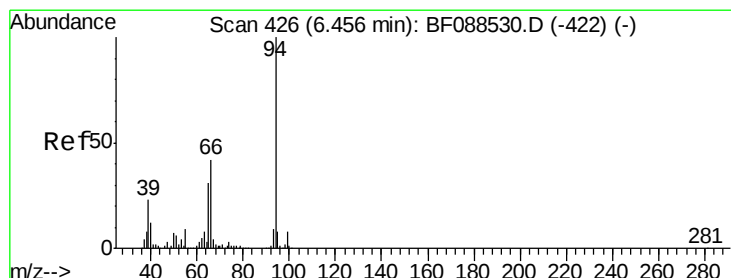
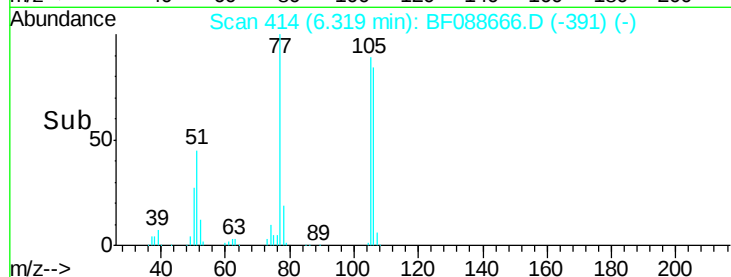
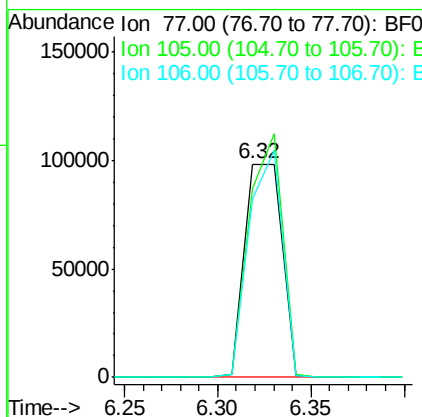
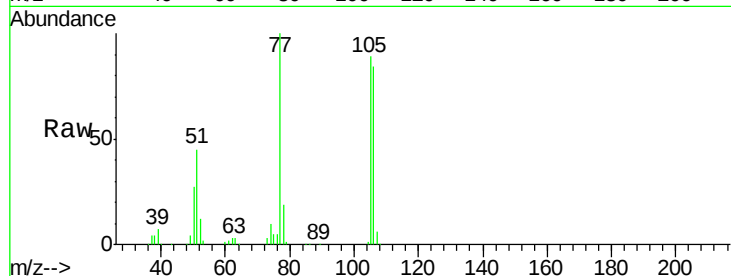
Tot Ion: 77 Resp: 136756

Ion Ratio Lower Upper

77 100

105 88.5 90.6 130.6#

106 83.8 85.3 125.3#



#10

Phenol

Concen: 17.19 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

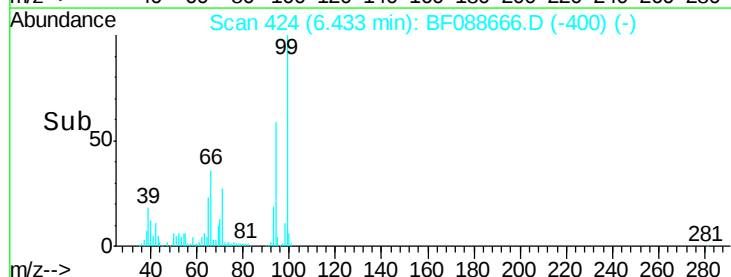
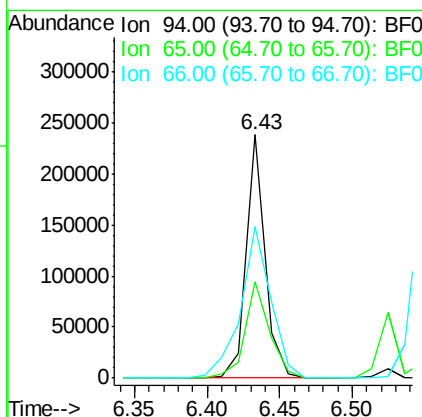
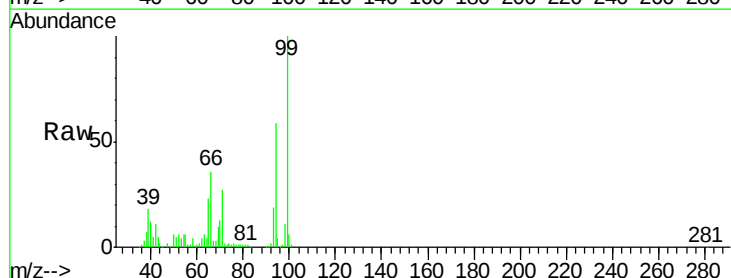
Tgt Ion: 94 Resp: 215174

Ion Ratio Lower Upper

94 100

65 39.9 5.9 45.9

66 62.2 14.0 54.0#





#11

bis(2-Chloroethyl)ether

Concen: 22.17 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampleId :

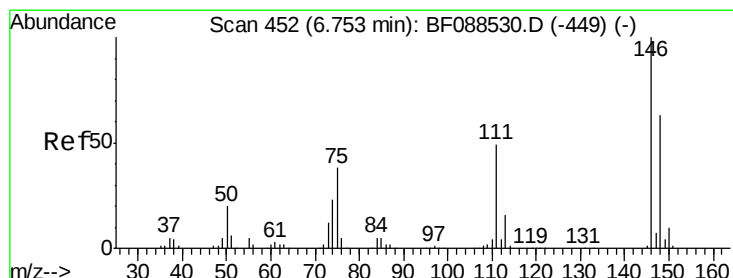
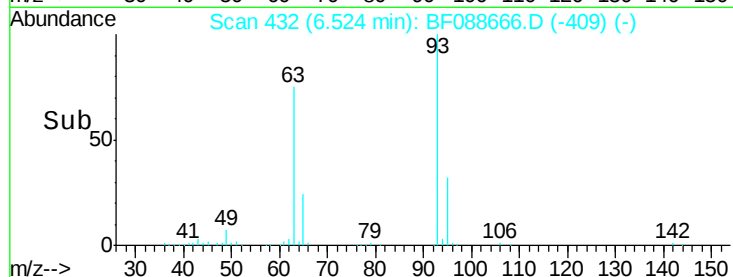
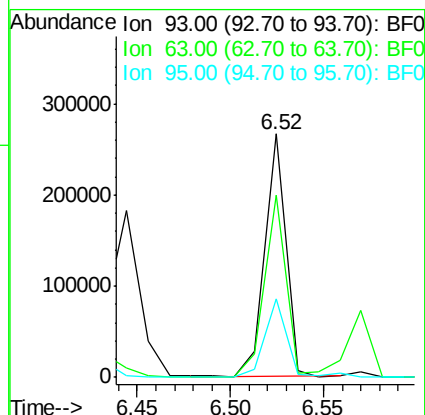
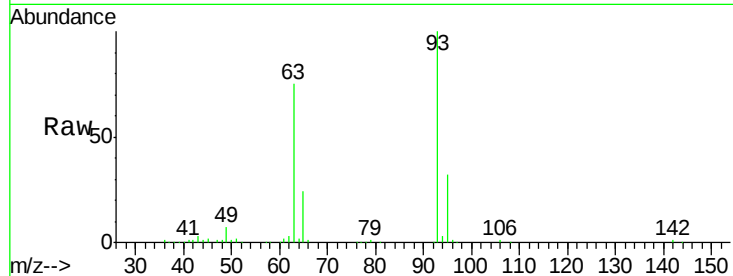
Tot Ion: 93 Resp: 207004

Ion Ratio Lower Upper

93 100

63 75.0 67.6 107.6

95 32.2 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 19.86 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.05 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

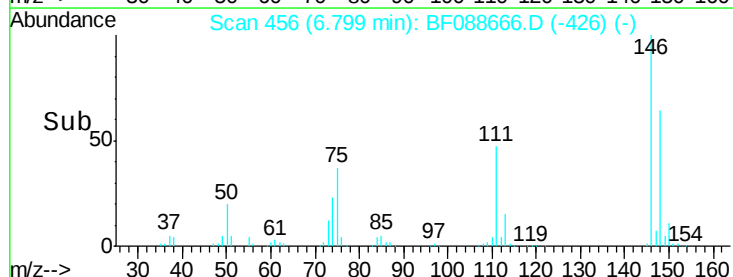
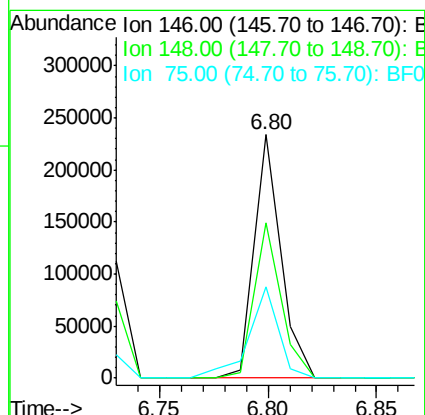
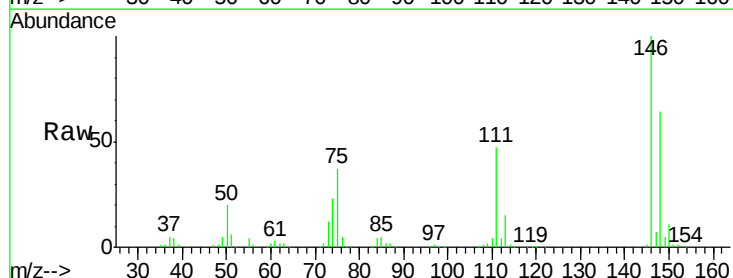
Tgt Ion: 146 Resp: 199410

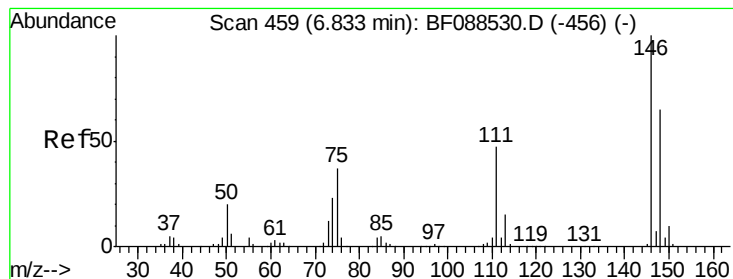
Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

75 37.5 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 20.01 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampleId :

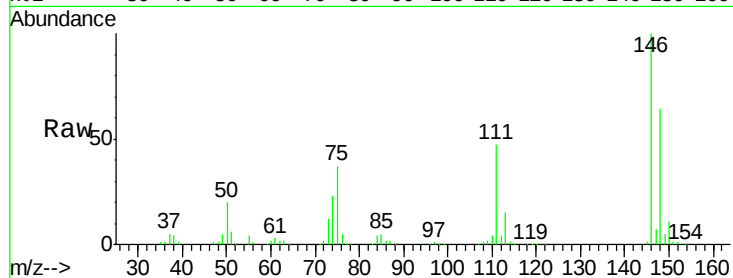
Tot Ion:146 Resp: 199410

Ion Ratio Lower Upper

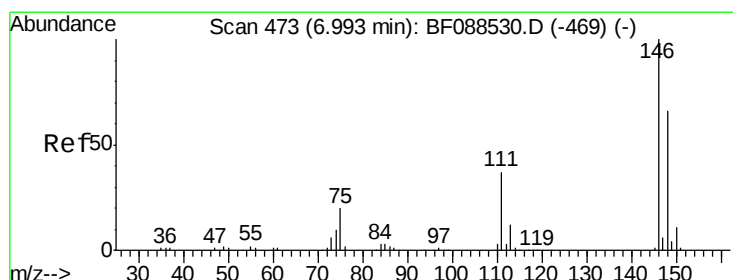
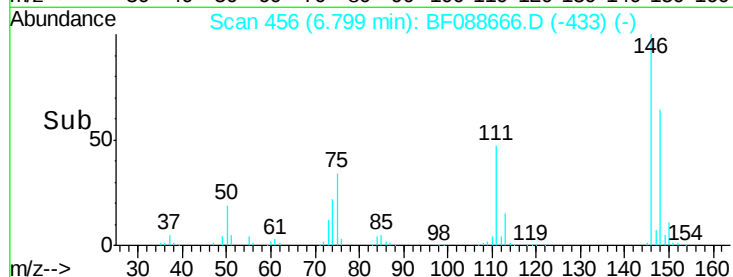
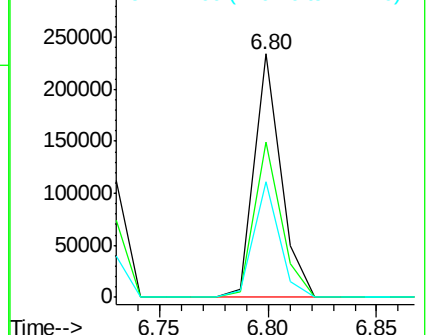
146 100

148 63.9 52.0 78.0

111 47.3 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: 20.43 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

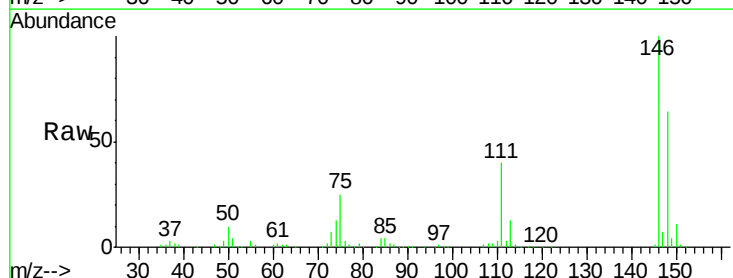
Tgt Ion:146 Resp: 190583

Ion Ratio Lower Upper

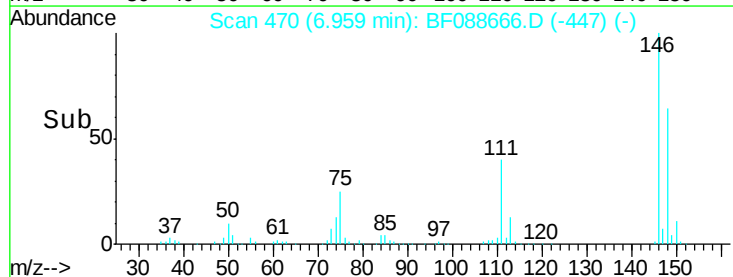
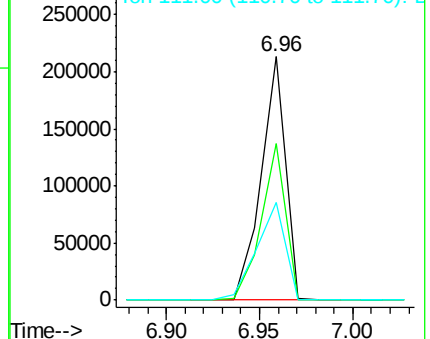
146 100

148 64.3 52.3 78.5

111 39.9 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: 23.28 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampleId :

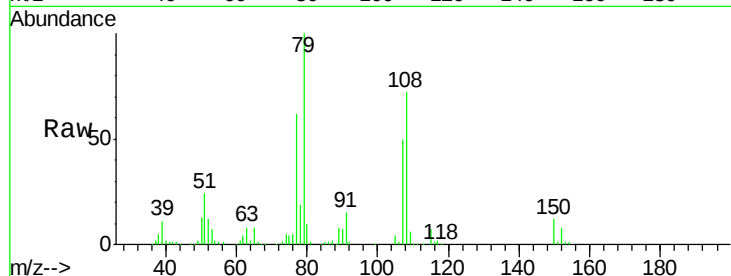
Tot Ion: 79 Resp: 187961

Ion Ratio Lower Upper

79 100

108 72.2 65.0 97.6

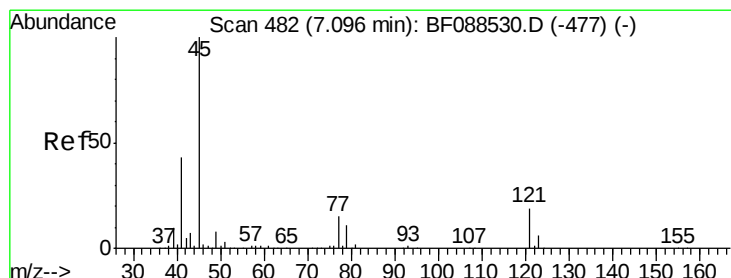
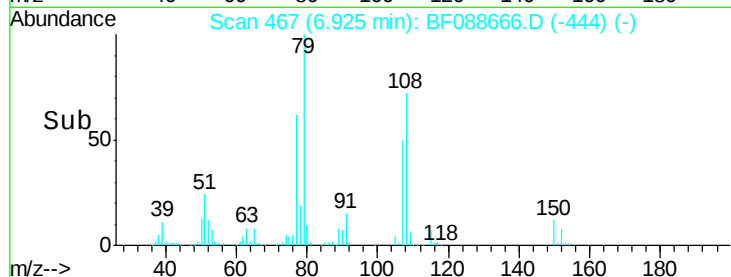
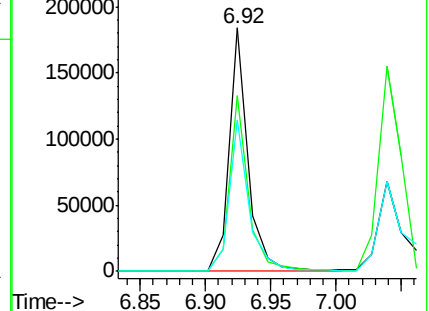
77 62.2 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.69 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

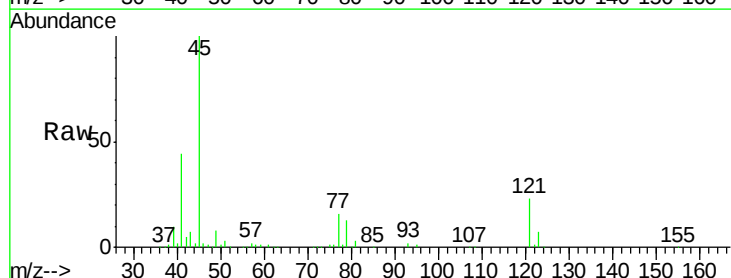
Tgt Ion: 45 Resp: 266232

Ion Ratio Lower Upper

45 100

77 16.4 0.0 32.5

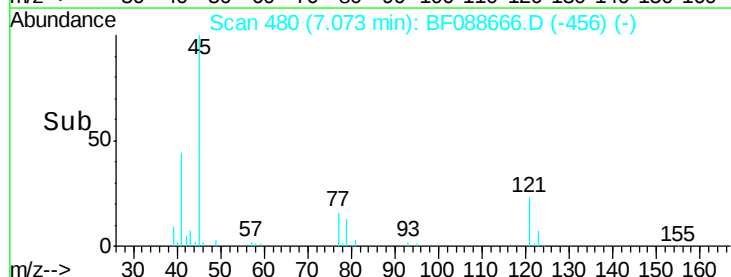
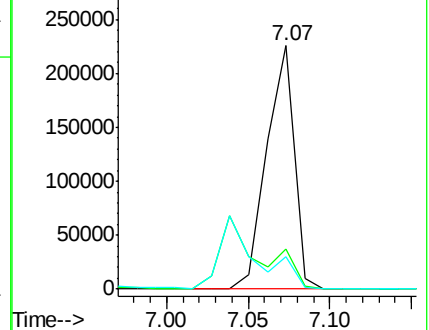
79 13.3 0.0 29.5



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 22.37 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 166509

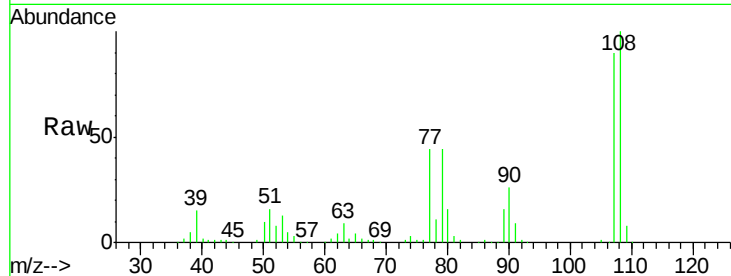
Ion Ratio Lower Upper

107 100

108 111.7 90.9 136.3

77 48.7 36.6 55.0

79 49.1 36.5 54.7

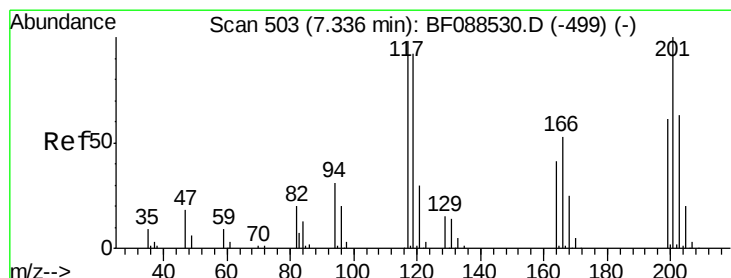
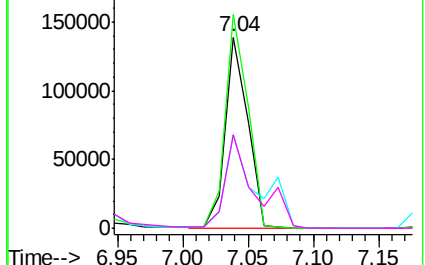
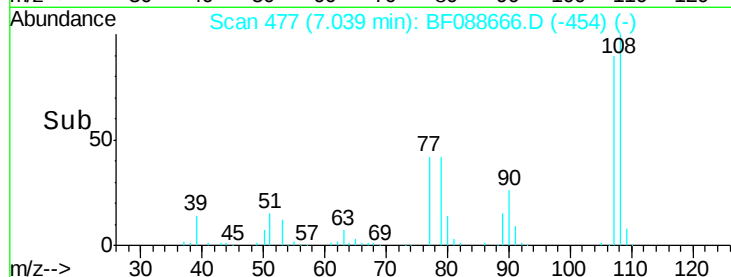


Abundance Ion 107.00 (106.70 to 107.70): E

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: 19.64 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

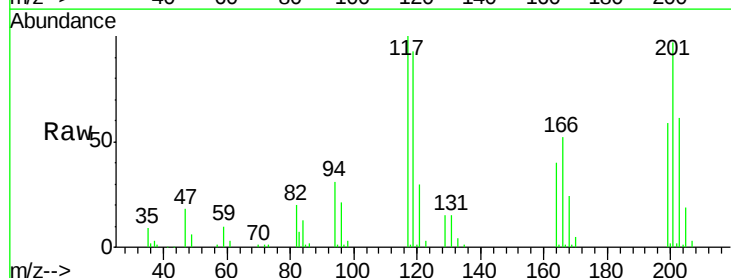
Tgt Ion:117 Resp: 75717

Ion Ratio Lower Upper

117 100

119 92.9 77.4 116.2

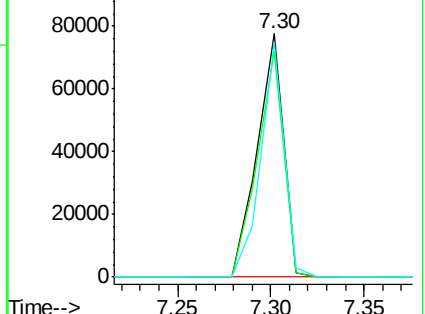
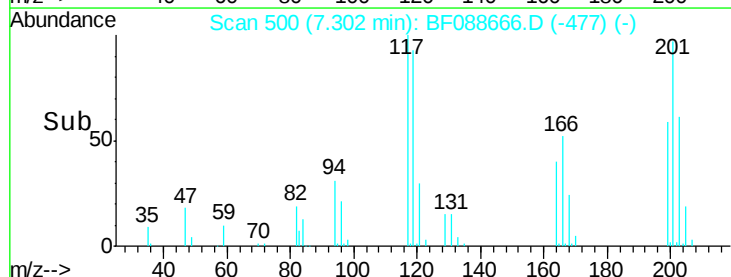
201 96.5 80.4 120.6

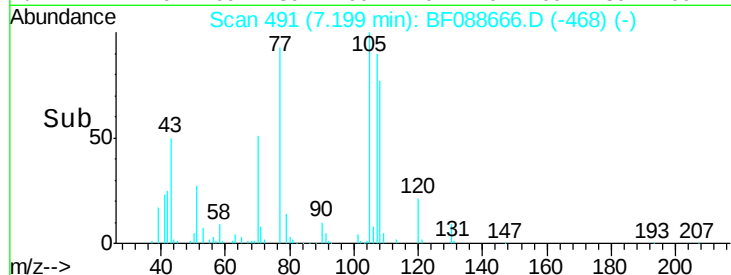
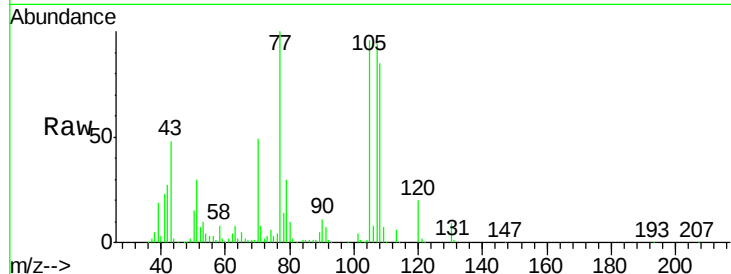


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

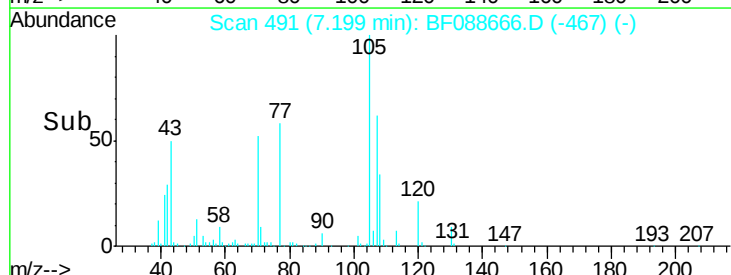
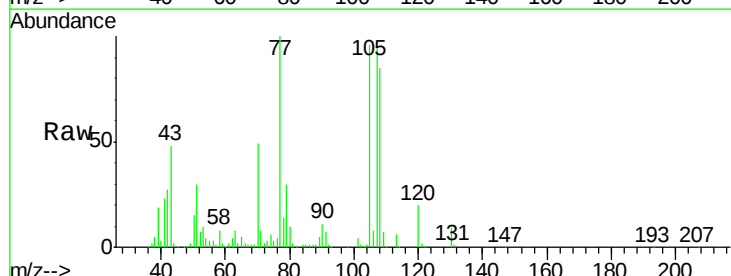
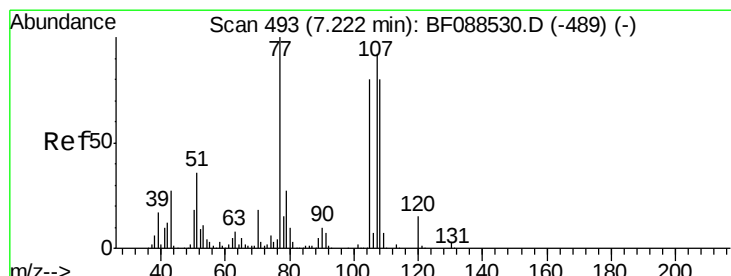
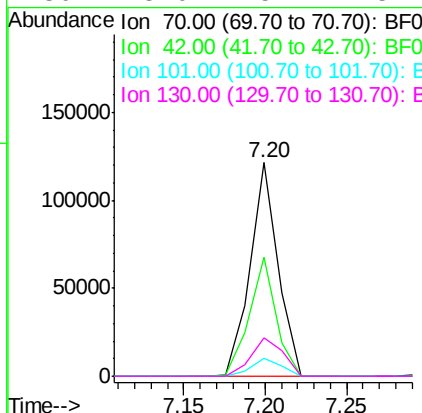




#19
n-Nitroso-di-n-propylamine
Concen: 19.58 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

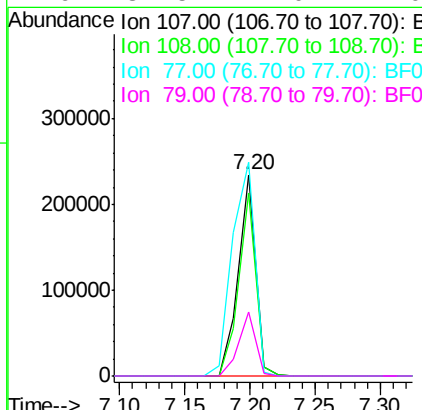
Instrument :
BNA_F
ClientSampleId :

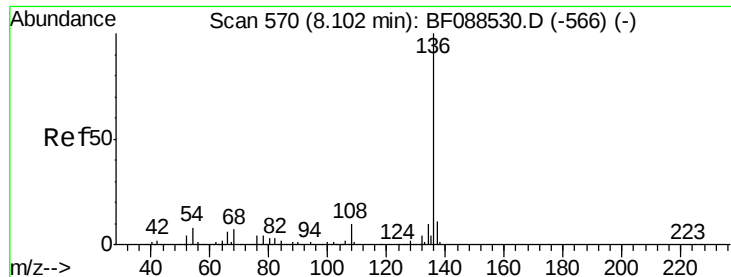
Tot Ion: 70 Resp: 144260
Ion Ratio Lower Upper
70 100
42 55.6 49.6 74.4
101 8.7 7.1 10.7
130 18.0 15.4 23.2



#20
3+4-Methylphenols
Concen: 24.21 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

Tgt Ion: 107 Resp: 216264
Ion Ratio Lower Upper
107 100
108 90.6 67.8 107.8
77 106.0 59.3 99.3#
79 31.5 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: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 463236

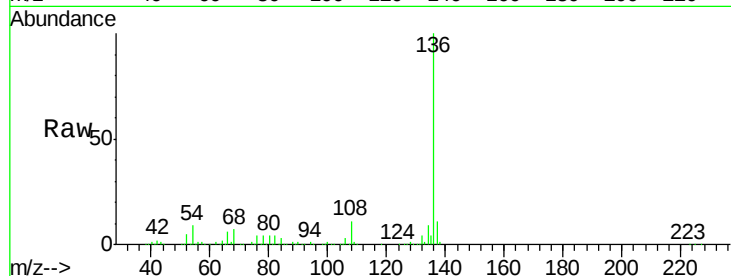
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.7 6.6 10.0

68 7.2 5.1 7.7

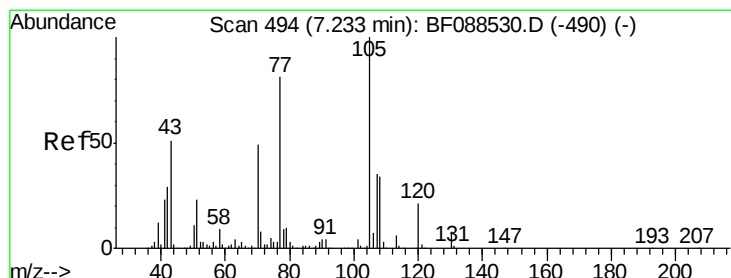
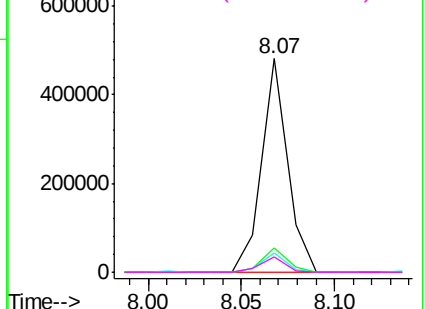
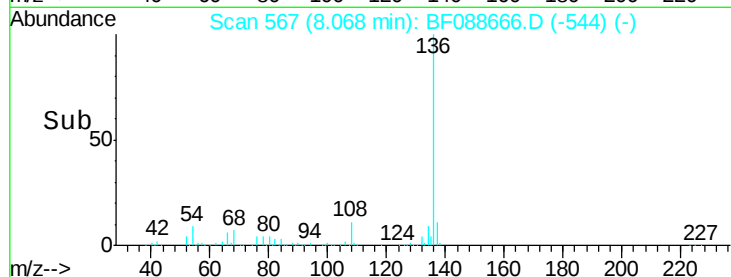


Abundance Ion 136.00 (135.70 to 136.70): E

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: 25.92 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Tgt Ion:105 Resp: 291428

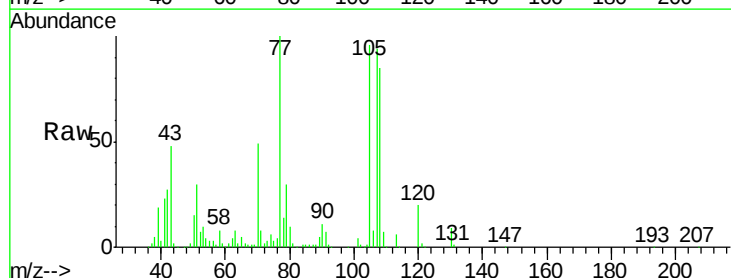
Ion Ratio Lower Upper

105 100

71 8.6 5.3 7.9#

51 30.9 18.2 27.4#

120 20.8 18.0 27.0

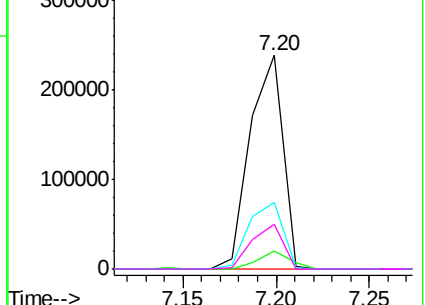
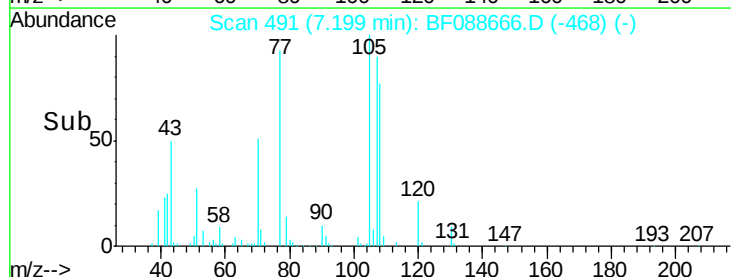


Abundance Ion 105.00 (104.70 to 105.70): E

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

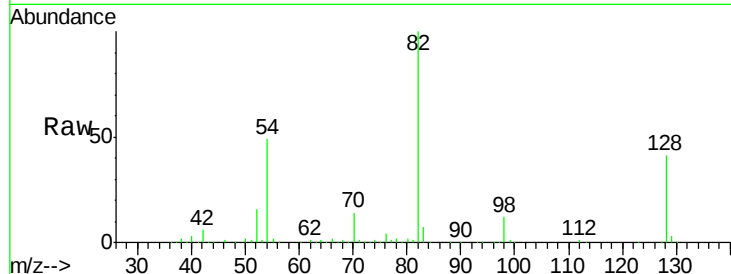




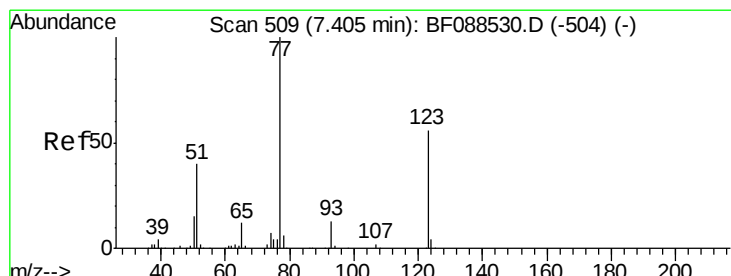
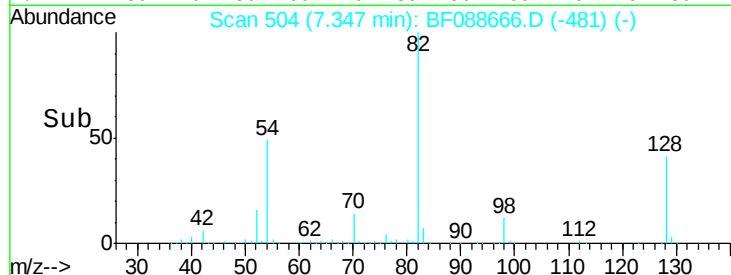
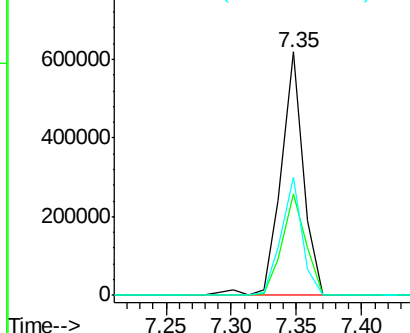
#23
 Nitrobenzene-d5
 Concen: 84.38 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 745912
 Ion Ratio Lower Upper
 82 100
 128 41.5 35.9 53.9
 54 48.6 40.9 61.3

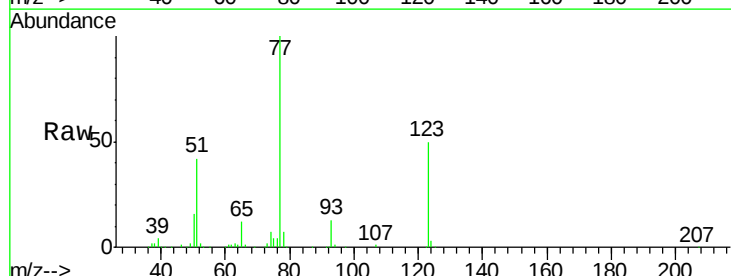


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

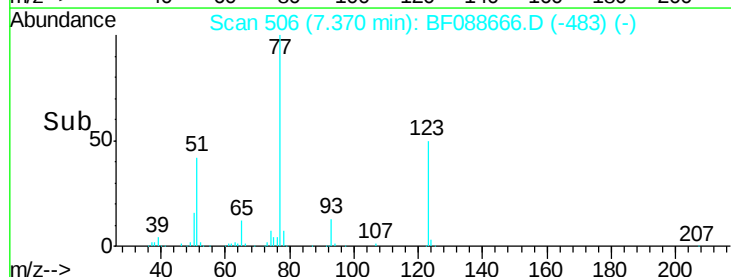
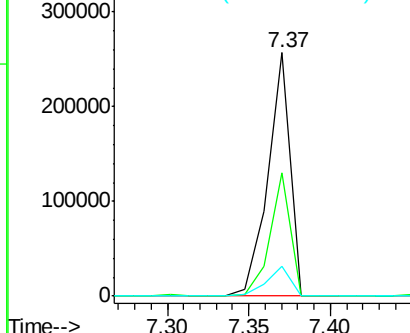


#24
 Nitrobenzene
 Concen: 27.37 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.03 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Tgt Ion: 77 Resp: 243975
 Ion Ratio Lower Upper
 77 100
 123 50.4 45.0 67.4
 65 12.2 10.2 15.2



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





#25

Isophorone

Concen: 25.74 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampled :

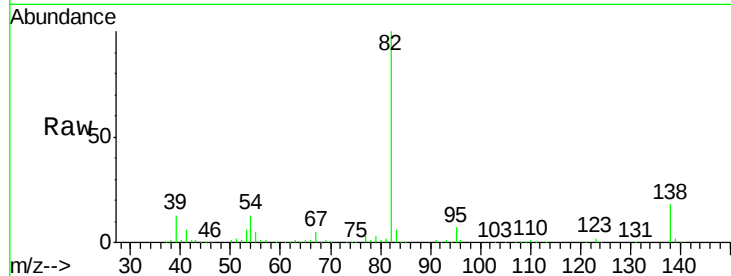
Tot Ion: 82 Resp: 421504

Ion Ratio Lower Upper

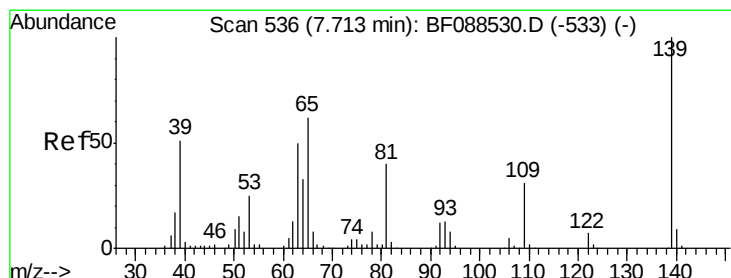
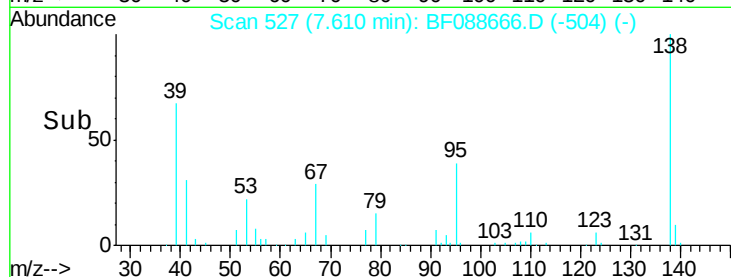
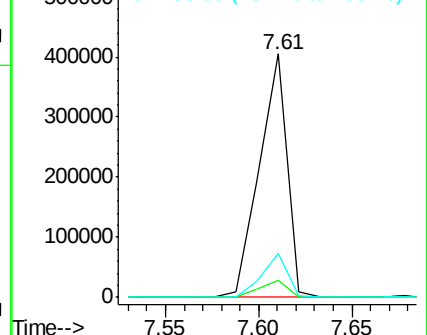
82 100

95 7.1 5.4 8.2

138 18.2 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 26.81 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

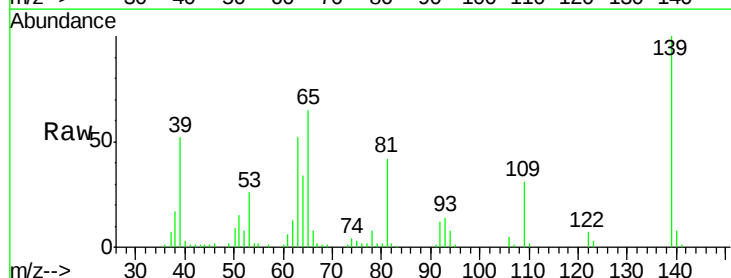
Tgt Ion: 139 Resp: 97986

Ion Ratio Lower Upper

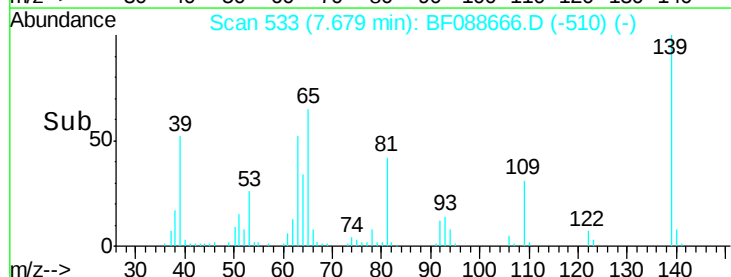
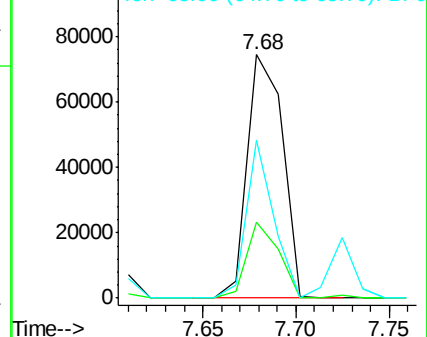
139 100

109 31.4 23.0 34.4

65 64.6 45.8 68.8



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

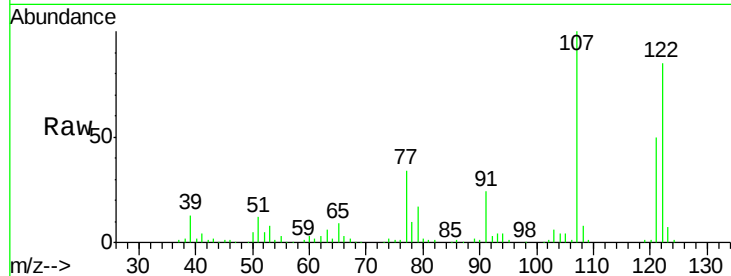




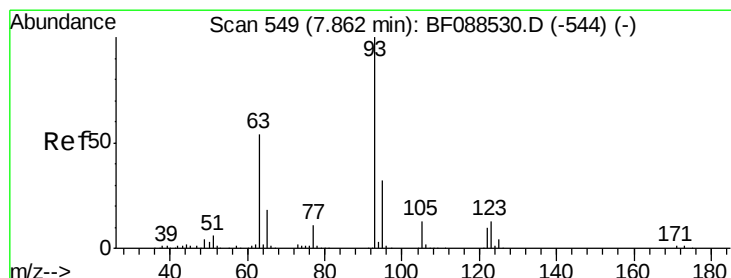
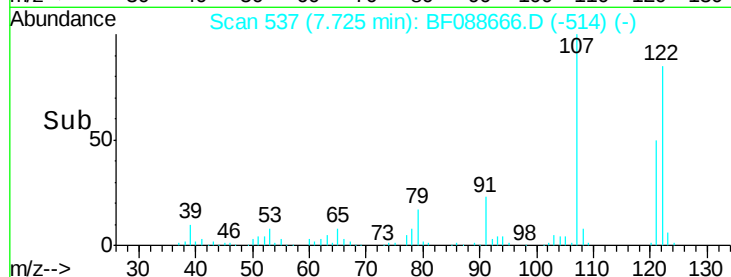
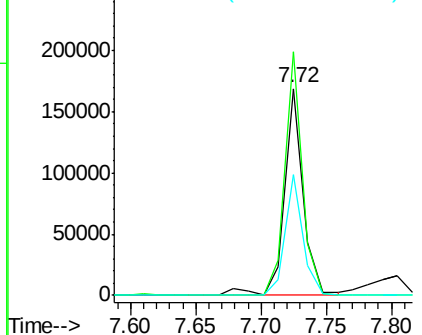
#27
2,4-Dimethylphenol
Concen: 22.41 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 170566
Ion Ratio Lower Upper
122 100
107 117.8 82.4 123.6
121 58.5 46.3 69.5

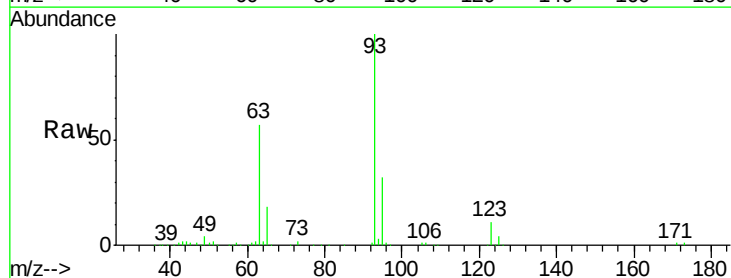


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

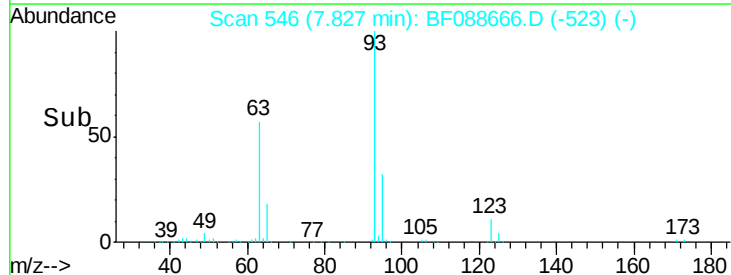
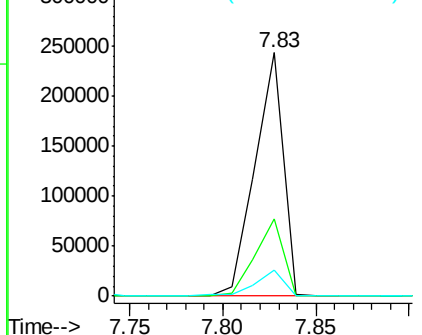


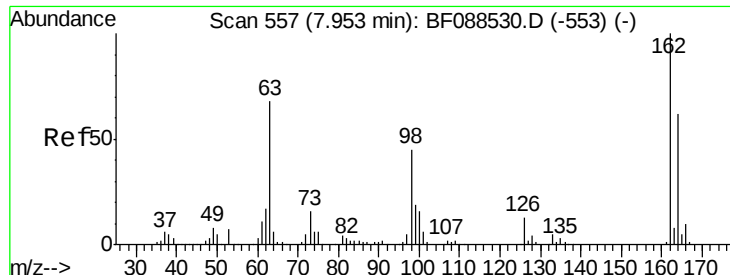
#28
bis(2-Chloroethoxy)methane
Concen: 23.89 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

Tgt Ion: 93 Resp: 254581
Ion Ratio Lower Upper
93 100
95 31.6 26.5 39.7
123 10.6 11.6 17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

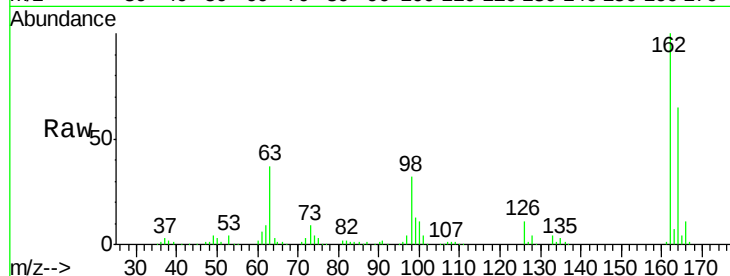




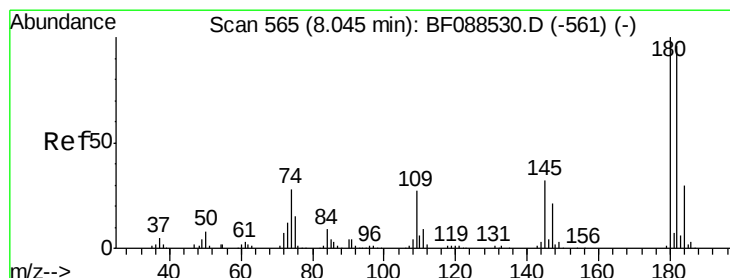
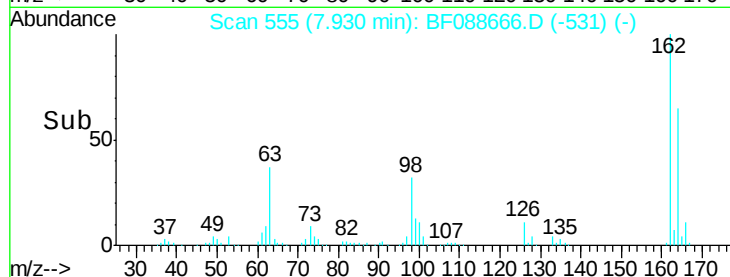
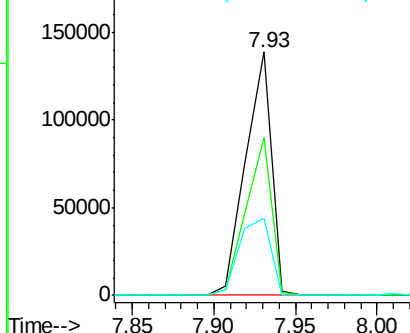
#29
 2,4-Dichlorophenol
 Concen: 24.83 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.02 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 152766
 Ion Ratio Lower Upper
 162 100
 164 65.0 43.8 83.8
 98 31.7 21.3 61.3

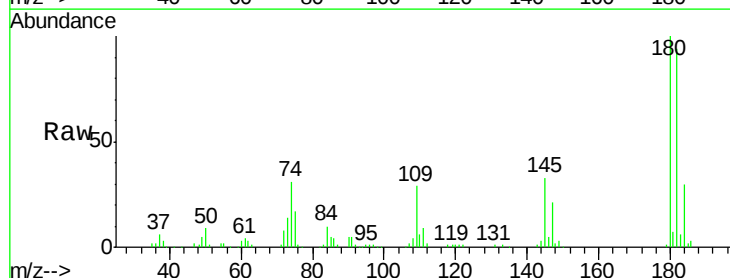


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

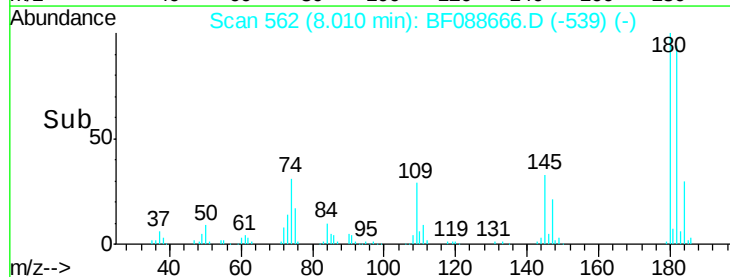
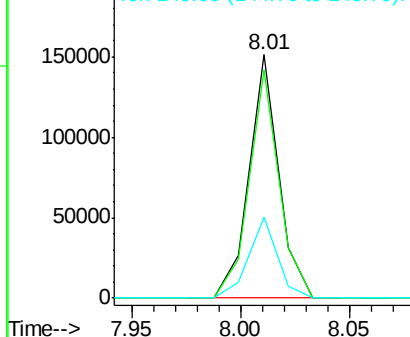


#30
 1,2,4-Trichlorobenzene
 Concen: 21.26 ng
 RT: 8.01 min Scan# 562
 Delta R.T. -0.03 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Tgt Ion:180 Resp: 143502
 Ion Ratio Lower Upper
 180 100
 182 93.6 76.0 114.0
 145 33.4 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

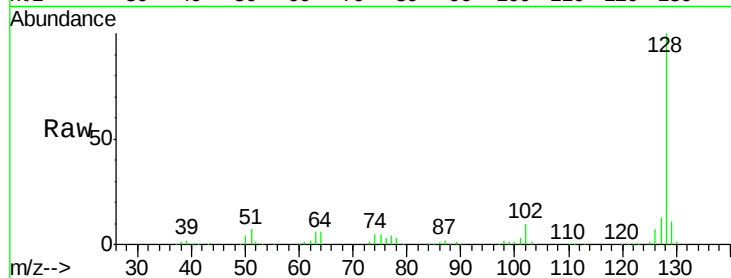




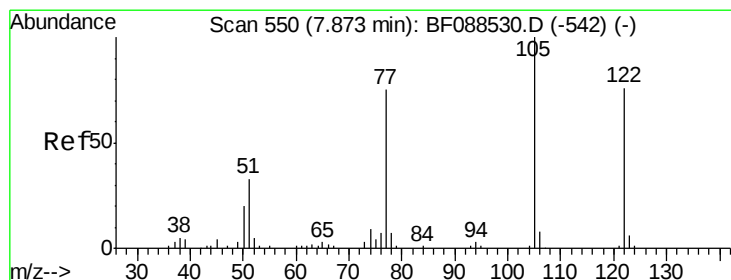
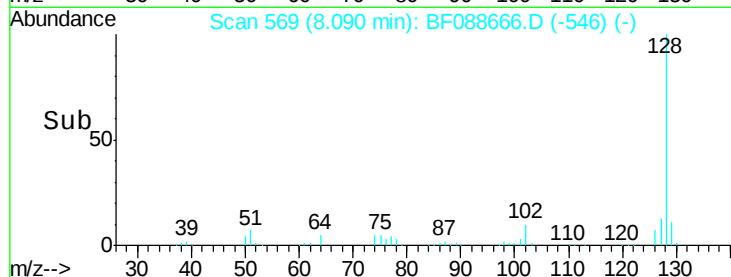
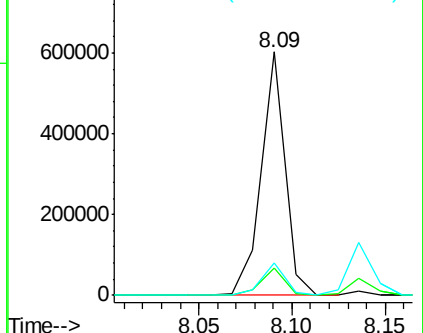
#31
Naphthalene
Concen: 23.08 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 527138
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.3 10.9 16.3

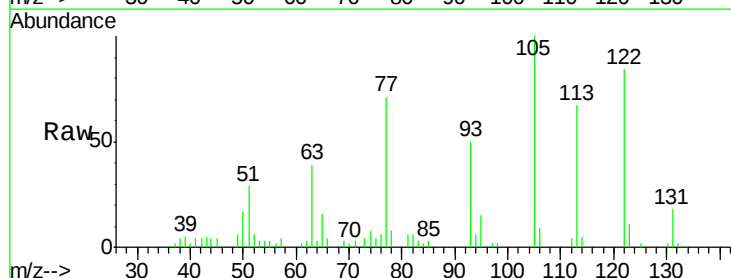


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

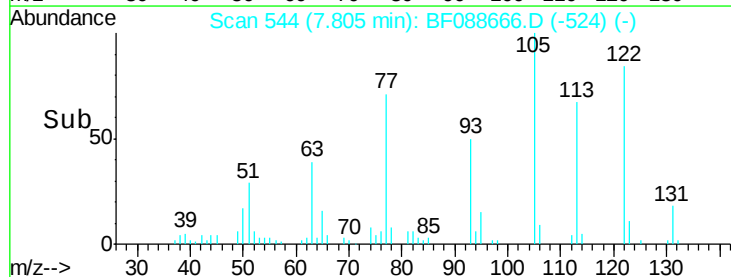
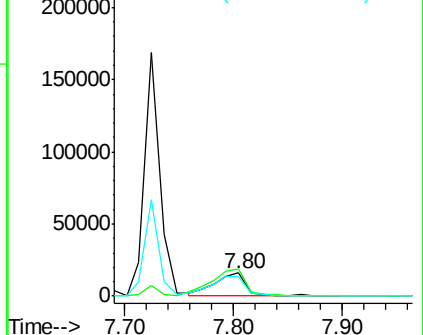


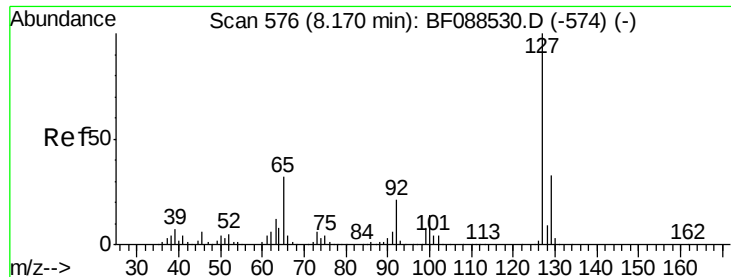
#32
Benzoic acid
Concen: 5.98 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.07 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

Tgt Ion:122 Resp: 33059
Ion Ratio Lower Upper
122 100
105 118.6 101.6 141.6
77 84.3 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

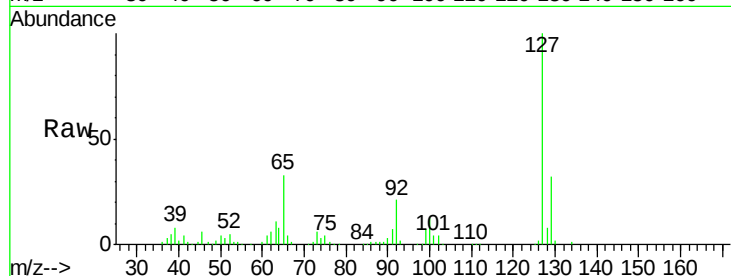




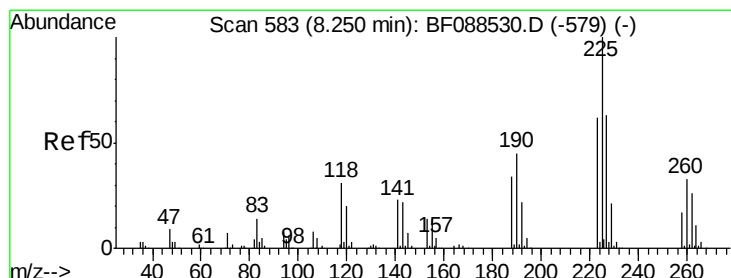
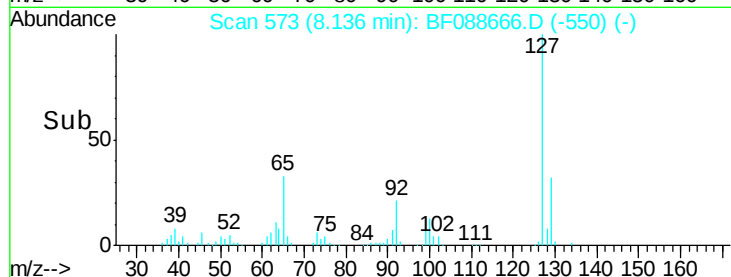
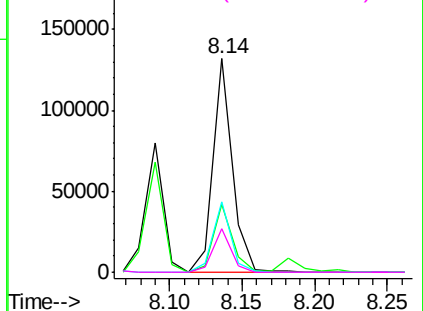
#33
4-Chloroaniline
Concen: 11.96 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.03 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	121495
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.3	39.5
65	33.2	24.7	37.1
92	20.7	15.4	23.0

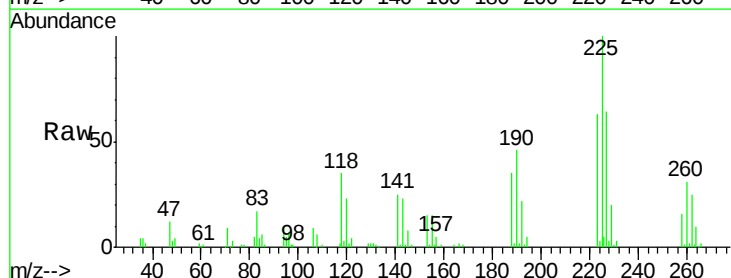


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

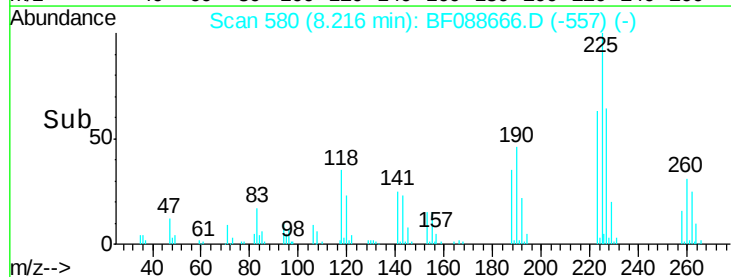
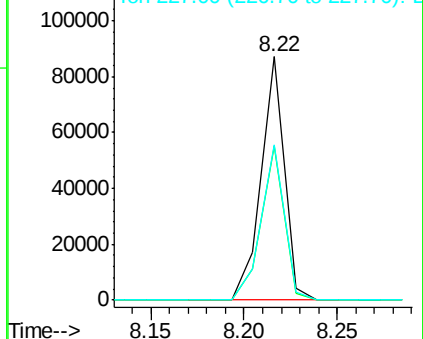


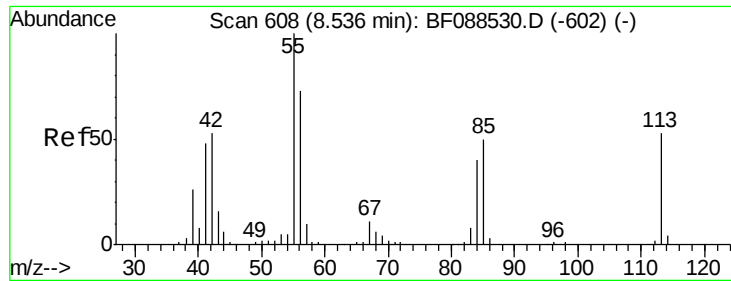
#34
Hexachlorobutadiene
Concen: 20.71 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.03 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

Tgt Ion:	225	Resp:	74848
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.9	76.3
227	63.6	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

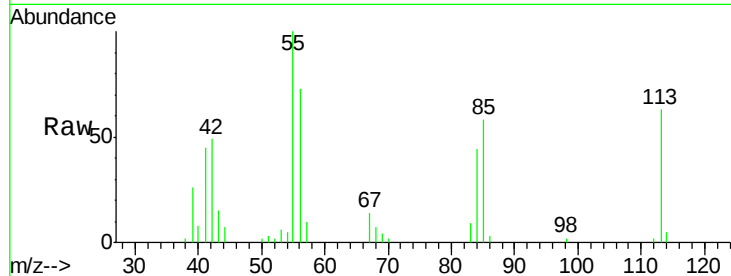




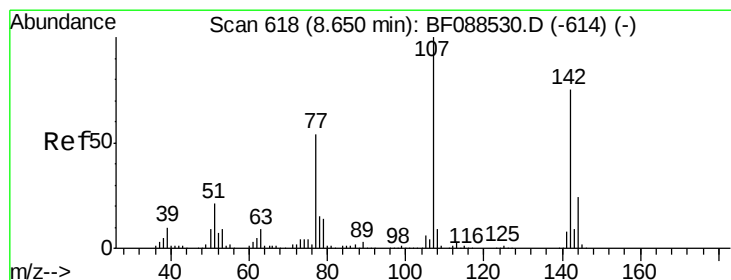
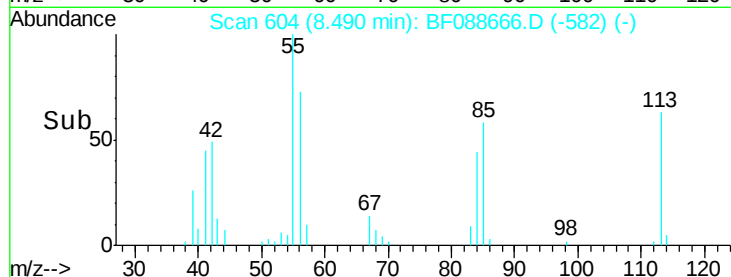
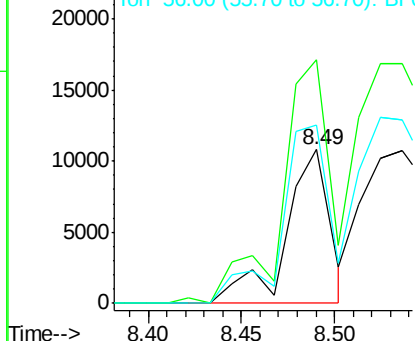
#35
 Caprolactam
 Concen: 8.50 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.05 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 17768
 Ion Ratio Lower Upper
 113 100
 55 158.5 158.6 198.6#
 56 116.1 110.6 150.6

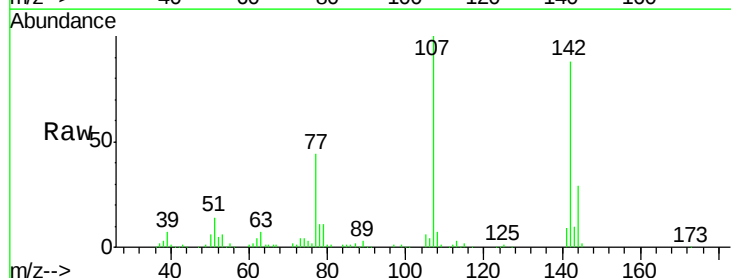


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

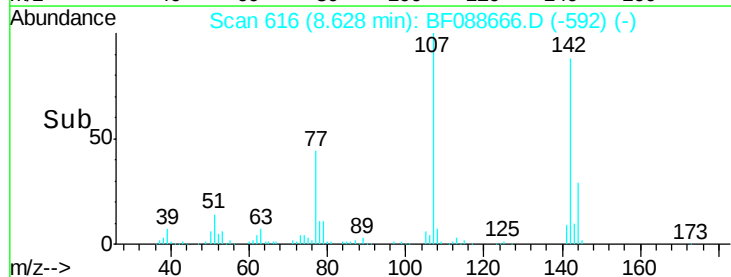
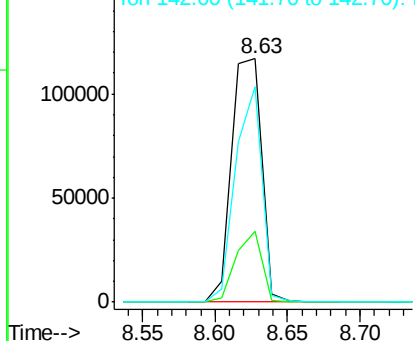


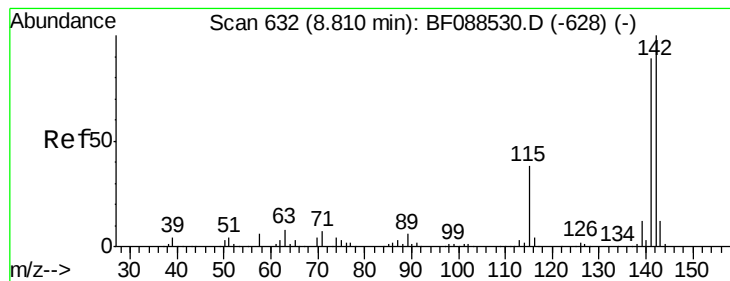
#36
 4-Chloro-3-methylphenol
 Concen: 23.29 ng
 RT: 8.63 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Tgt Ion:107 Resp: 169457
 Ion Ratio Lower Upper
 107 100
 144 29.1 20.8 31.2
 142 88.4 63.4 95.2



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

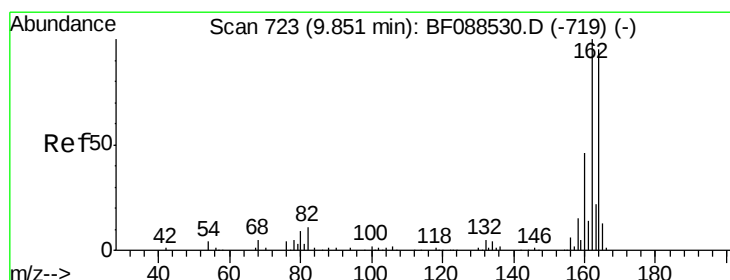
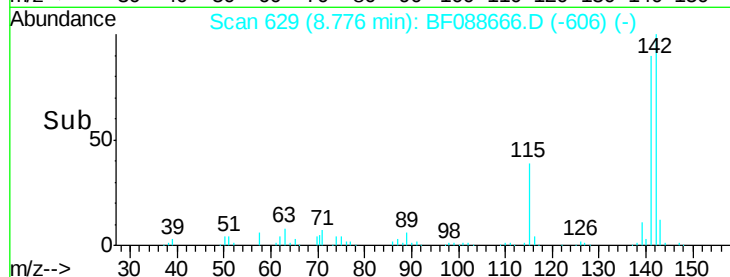
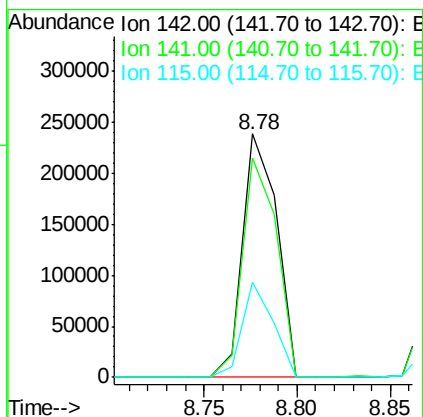
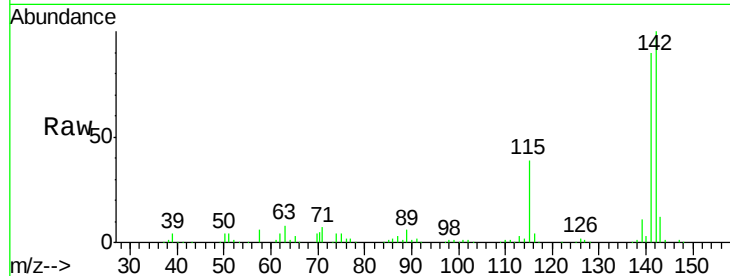




#37
 2-Methylnaphthalene
 Concen: 20.58 ng
 RT: 8.78 min Scan# 629
 Delta R.T. -0.03 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

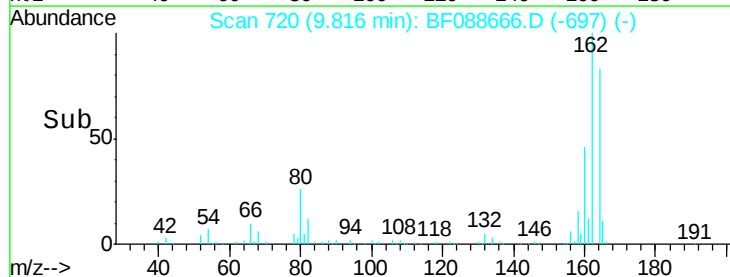
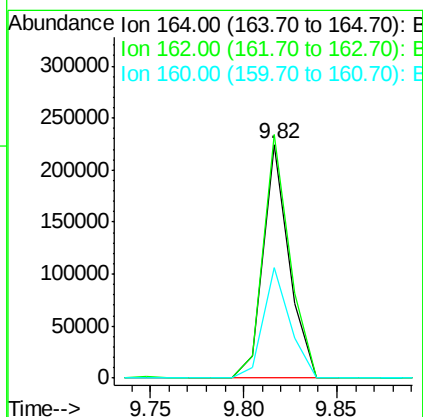
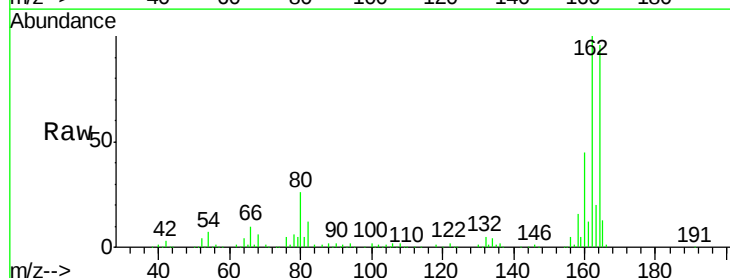
Instrument :
 BNA_F
 ClientSampleId :

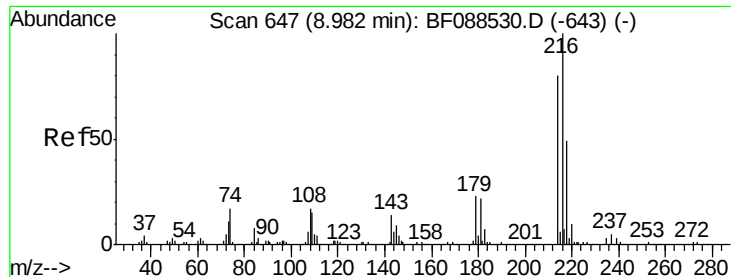
Tot Ion:142 Resp: 302573
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.0 106.6
 115 38.9 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Tgt Ion:164 Resp: 217980
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.4 128.2
 160 47.2 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.06 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 130925

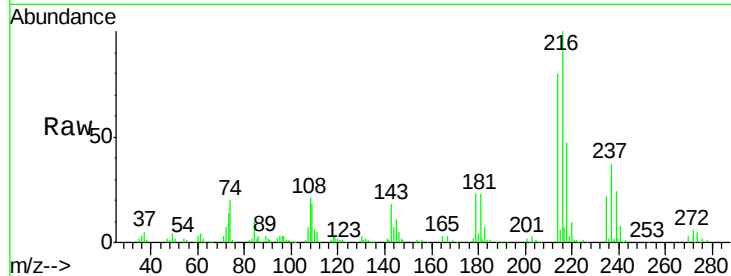
Ion Ratio Lower Upper

216 100

214 79.4 2.9 4.3#

179 22.9 0.0 0.0#

108 26.4 0.5 0.7#

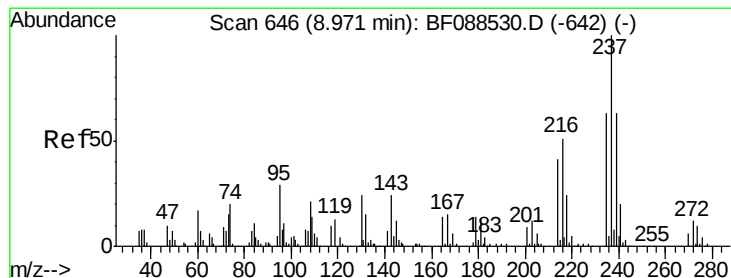
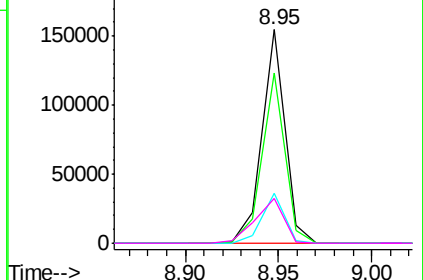
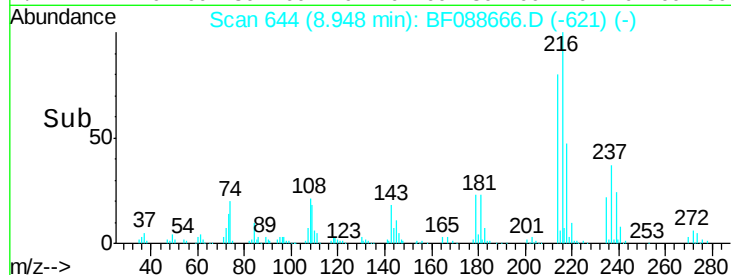


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 47.95 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

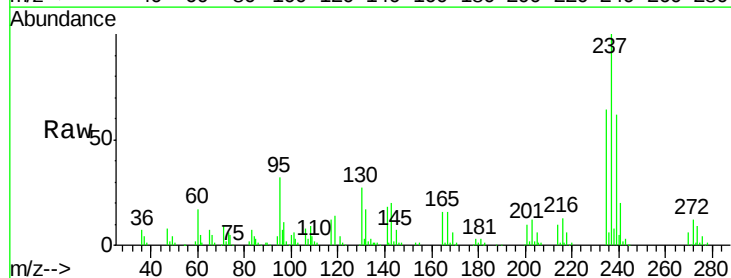
Tgt Ion:237 Resp: 170641

Ion Ratio Lower Upper

237 100

235 63.8 43.4 83.4

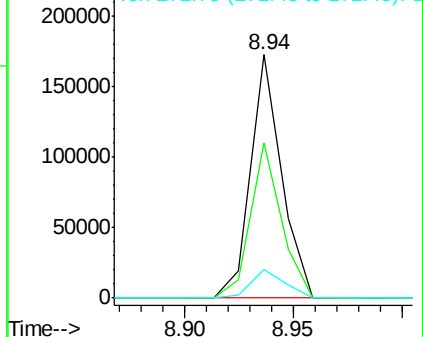
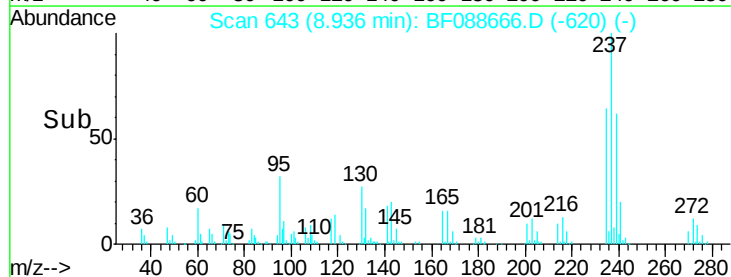
272 11.8 0.0 32.3

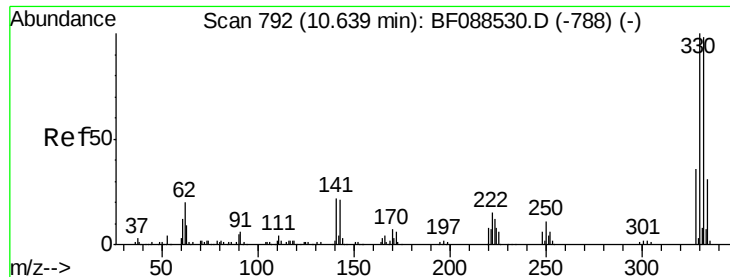


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

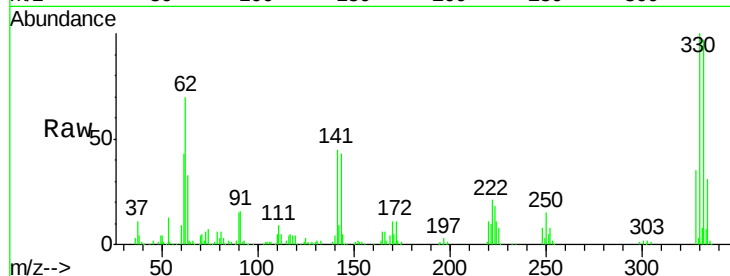




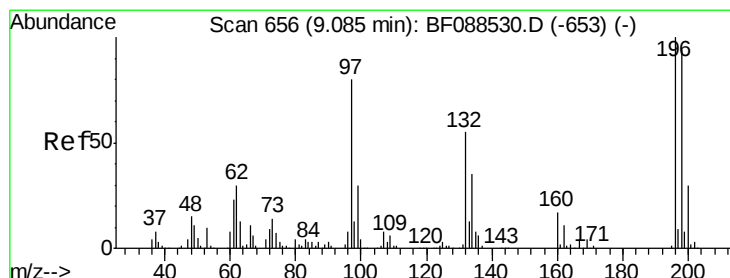
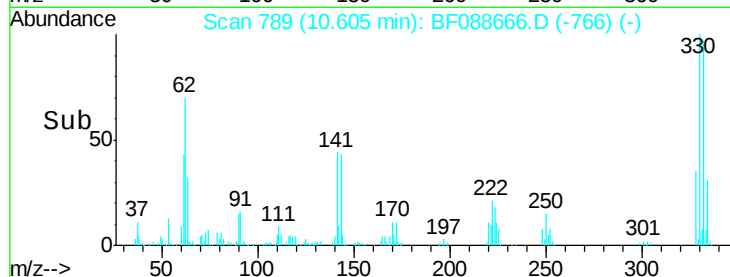
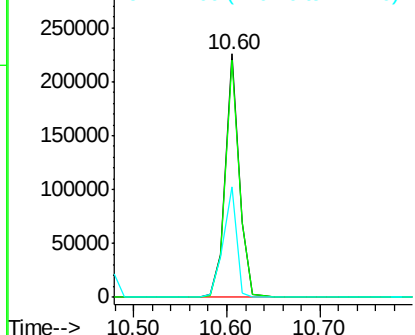
#41
 2,4,6-Tribromophenol
 Concen: 116.24 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 235290
 Ion Ratio Lower Upper
 330 100
 332 97.8 0.0 0.0#
 141 43.1 0.0 0.0#

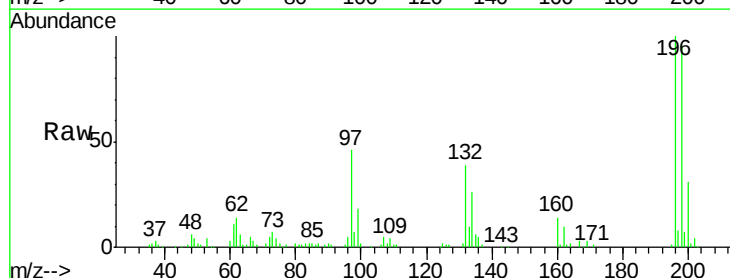


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

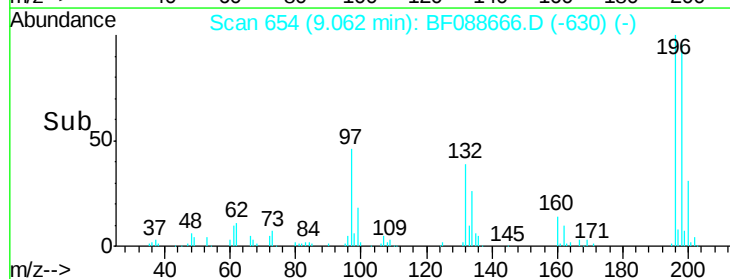
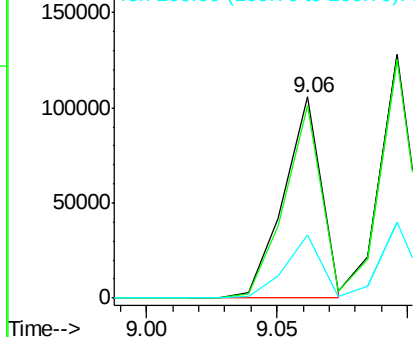


#42
 2,4,6-Trichlorophenol
 Concen: 22.02 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Tgt Ion:196 Resp: 105252
 Ion Ratio Lower Upper
 196 100
 198 96.0 78.0 117.0
 200 31.3 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

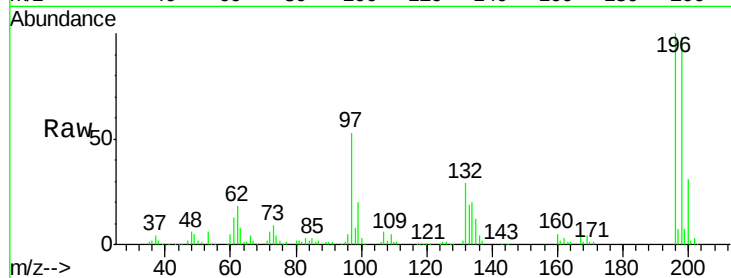




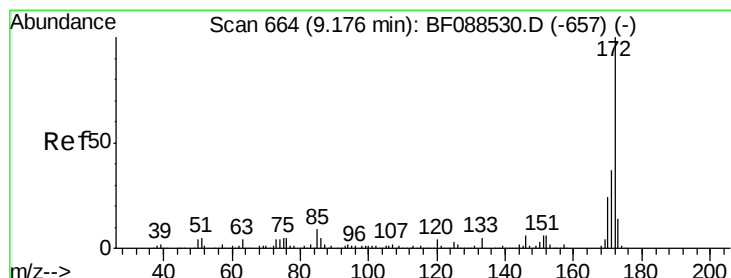
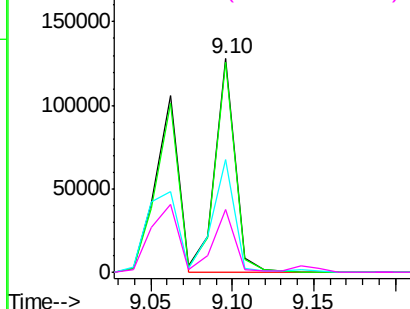
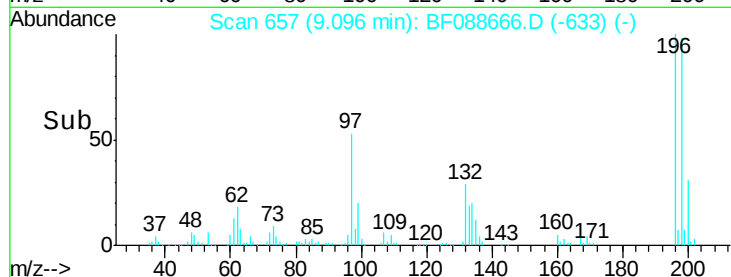
#43
 2,4,5-Trichlorophenol
 Concen: 26.66 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.1	77.5	116.3
97	53.0	32.0	48.0
132	29.1	20.9	31.3

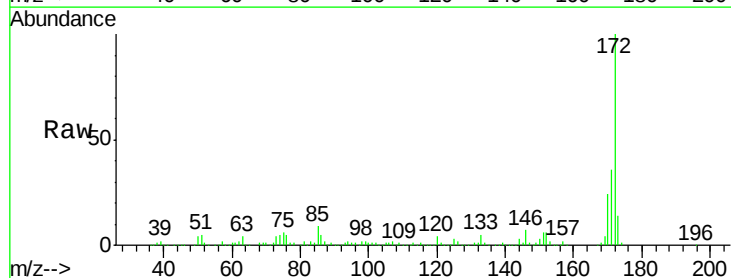


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

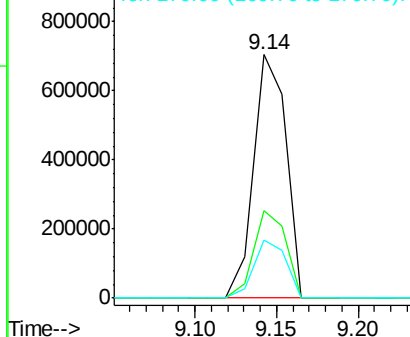
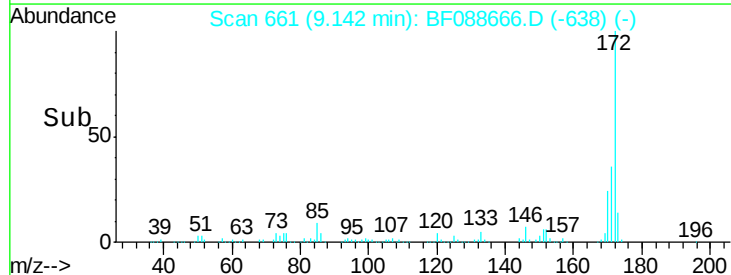


#44
 2-Fluorobiphenyl
 Concen: 70.54 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.9	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: 22.21 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampleId :

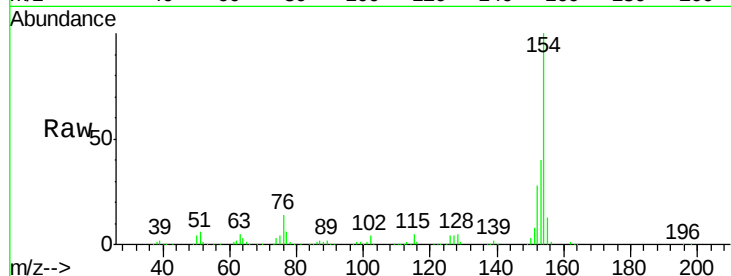
Tot Ion:154 Resp: 400876

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

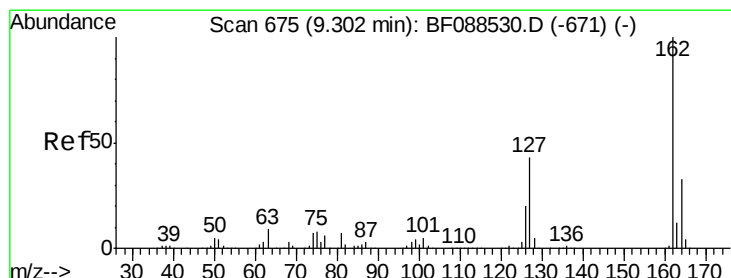
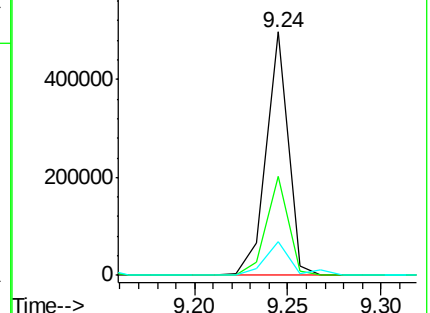
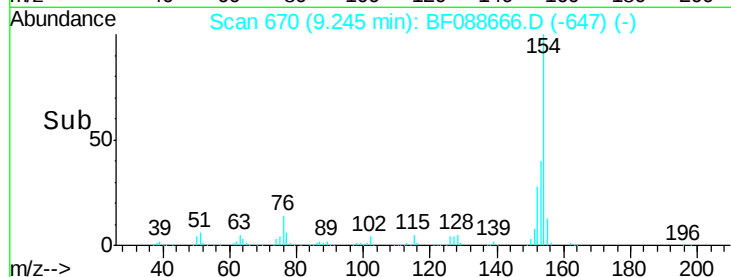
76 14.1 0.0 35.1



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: 21.94 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

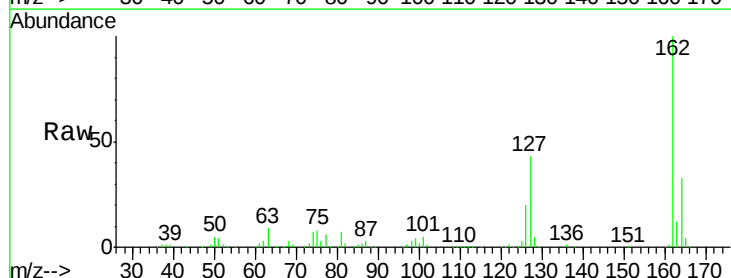
Tgt Ion:162 Resp: 310882

Ion Ratio Lower Upper

162 100

127 43.2 35.2 52.8

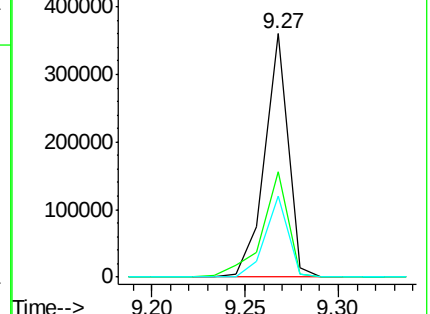
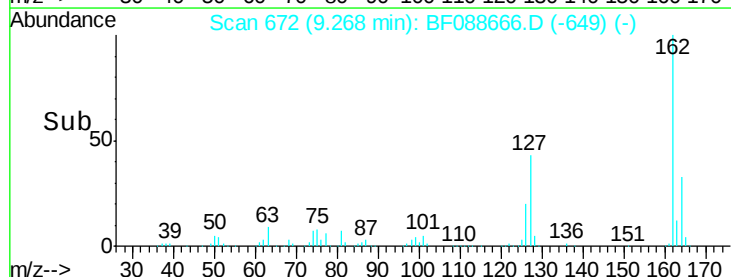
164 33.4 26.6 39.8

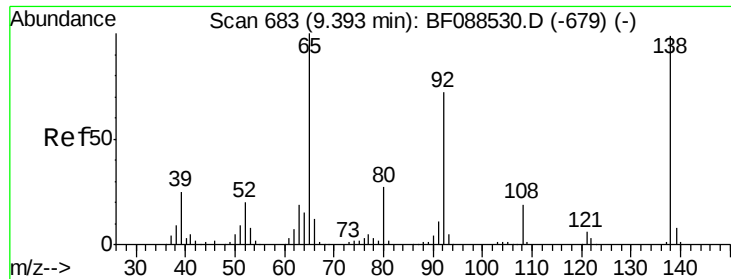


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

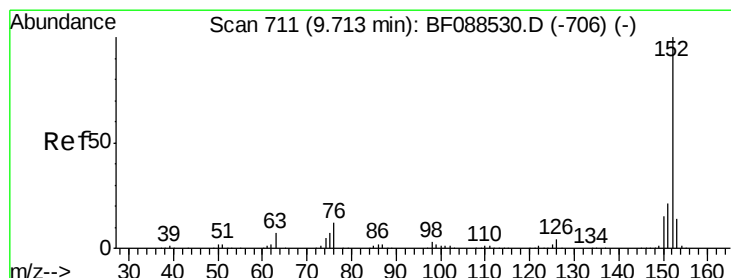
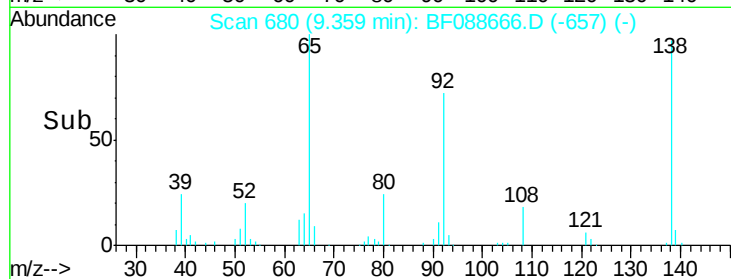
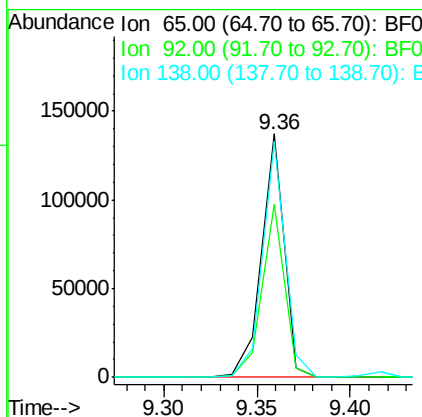
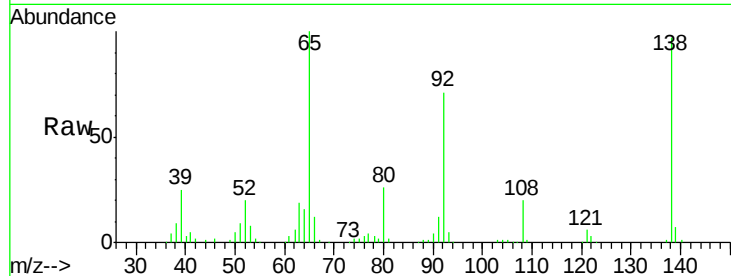




#47
 2-Nitroaniline
 Concen: 22.74 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

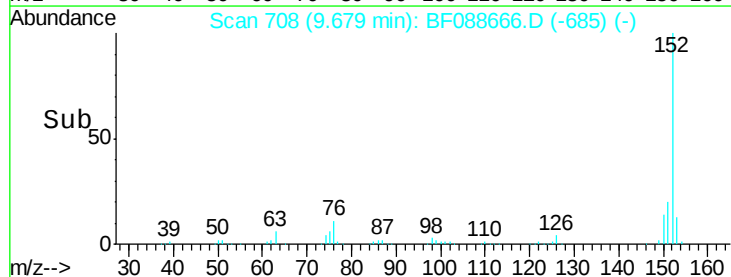
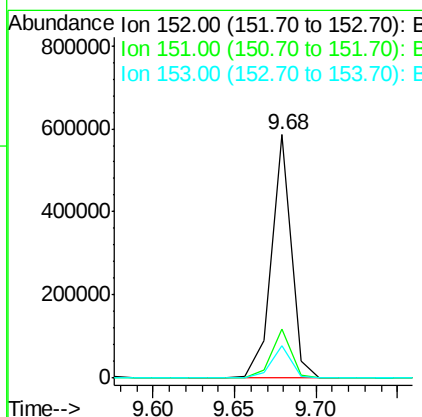
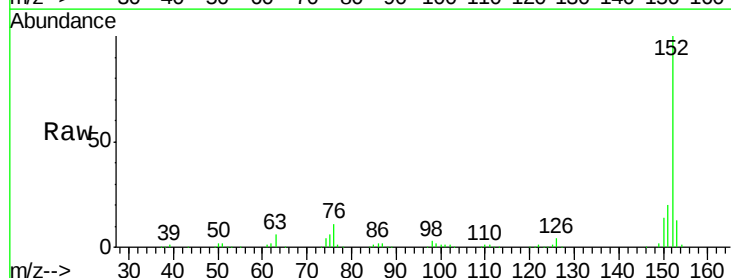
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 114337
 Ion Ratio Lower Upper
 65 100
 92 71.3 54.6 82.0
 138 96.8 77.0 115.4



#48
 Acenaphthylene
 Concen: 22.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.03 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Tgt Ion: 152 Resp: 495979
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4
 153 13.2 11.0 16.6

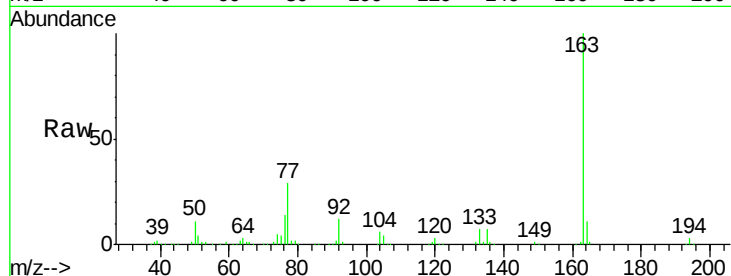




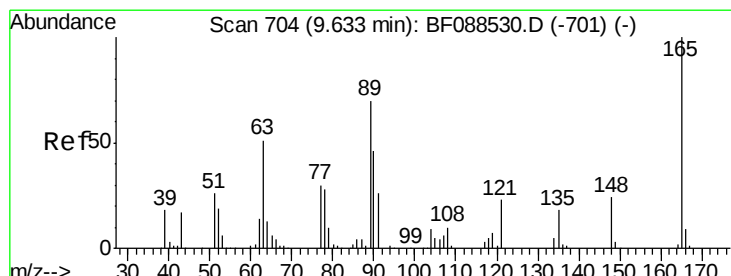
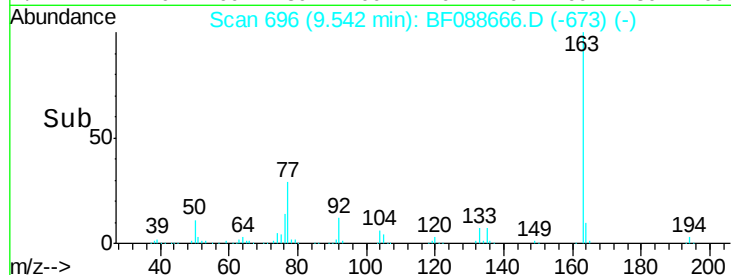
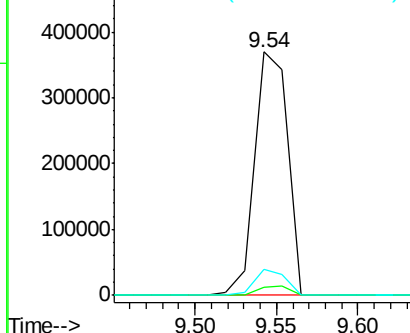
#49
Dimethylphthalate
Concen: 33.38 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 518310
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.7 8.3 12.5

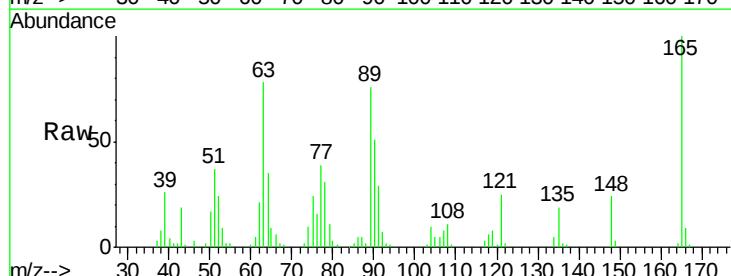


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

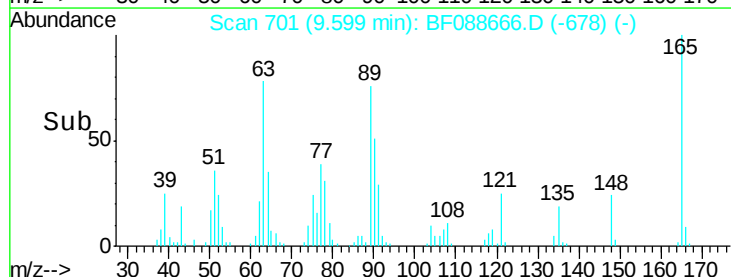
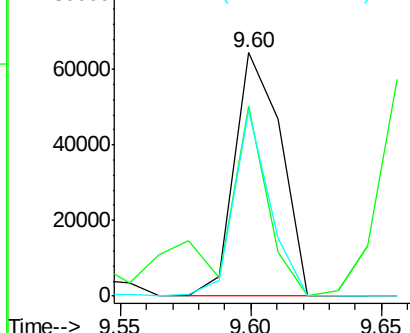


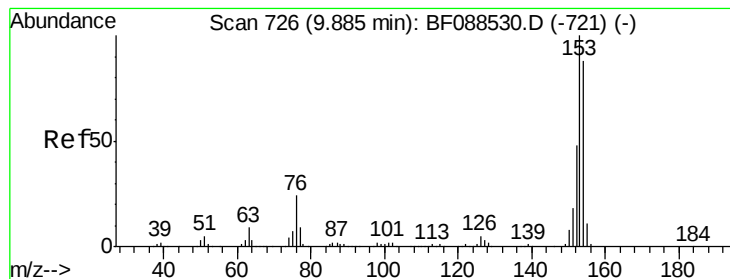
#50
2,6-Dinitrotoluene
Concen: 23.19 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

Tgt Ion:165 Resp: 79813
Ion Ratio Lower Upper
165 100
63 78.0 28.1 42.1#
89 76.3 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: 24.02 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampleId :

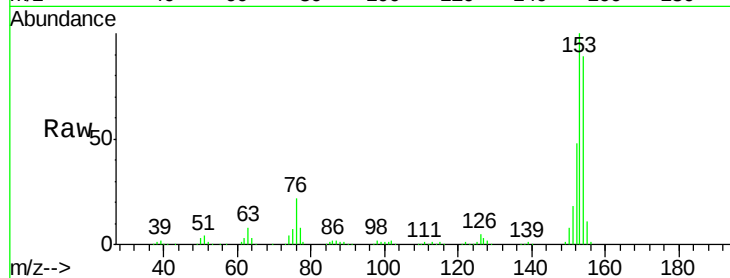
Tot Ion:154 Resp: 331985

Ion Ratio Lower Upper

154 100

153 112.3 89.5 134.3

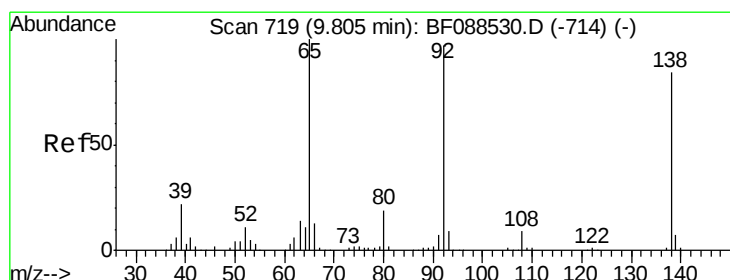
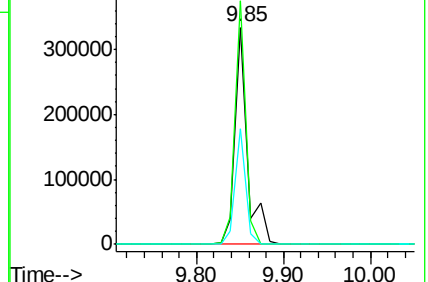
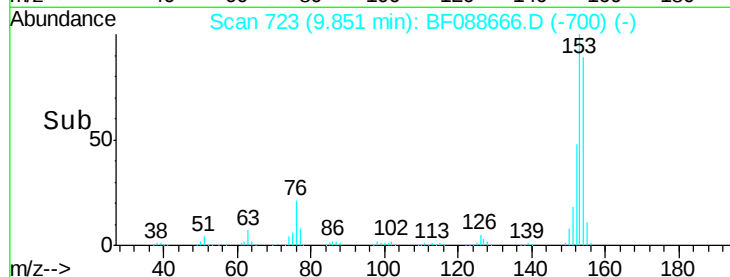
152 53.5 42.7 64.1



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: 17.50 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

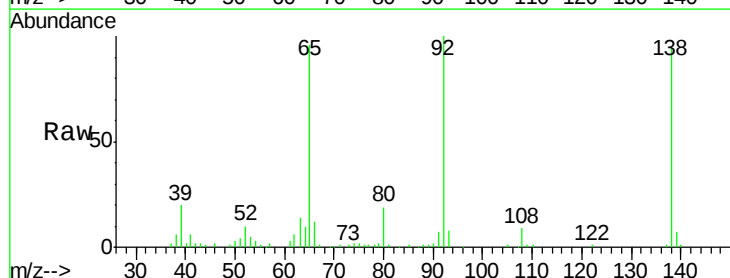
Tgt Ion:138 Resp: 76578

Ion Ratio Lower Upper

138 100

108 9.4 8.5 12.7

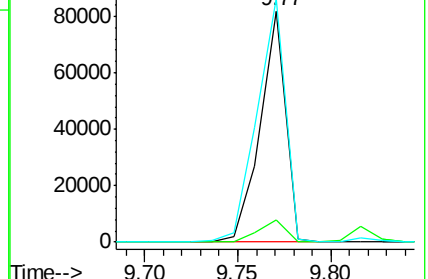
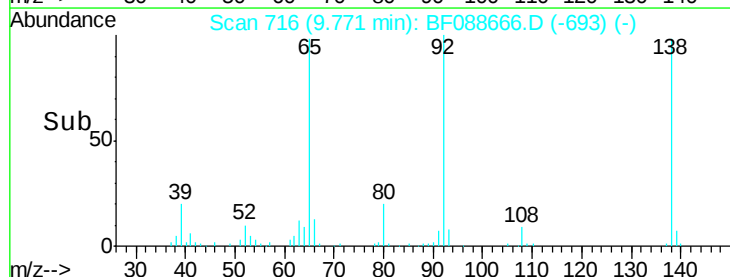
92 105.2 95.7 143.5

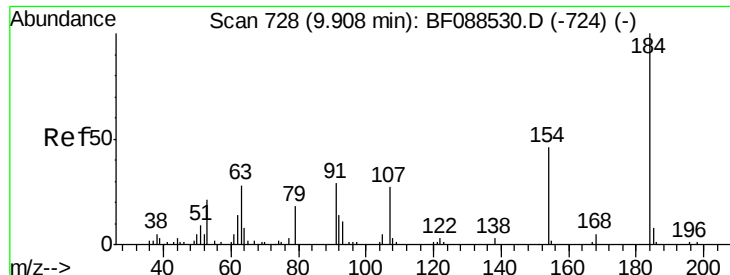


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

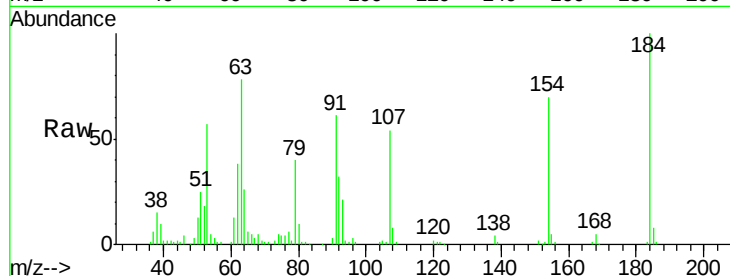




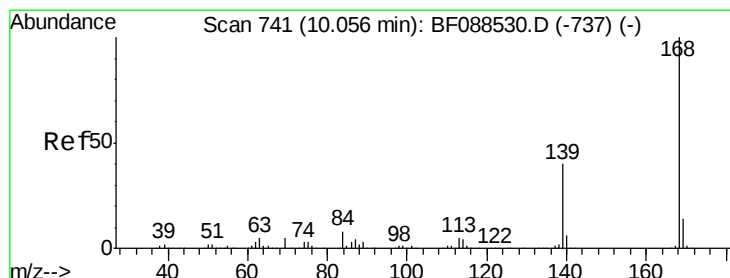
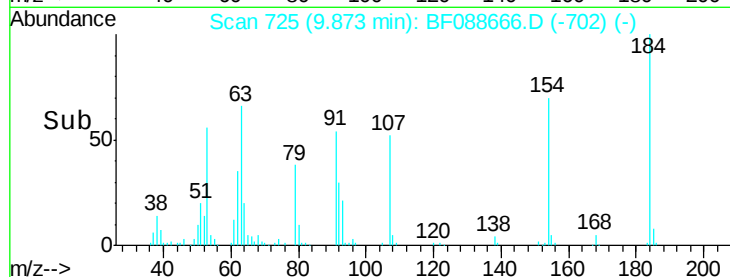
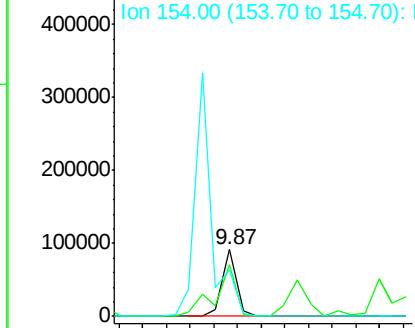
#53
2,4-Dinitrophenol
Concen: 49.97 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.03 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 75936
Ion Ratio Lower Upper
184 100
63 78.3 57.6 86.4
154 69.9 53.5 80.3

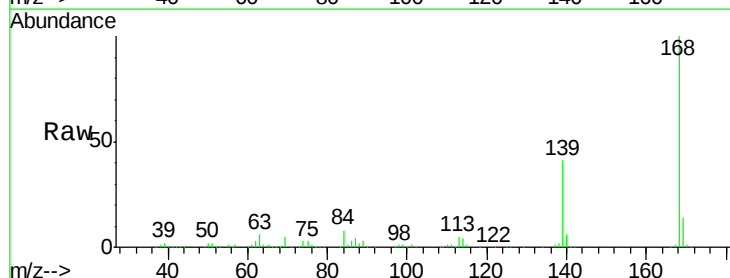


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

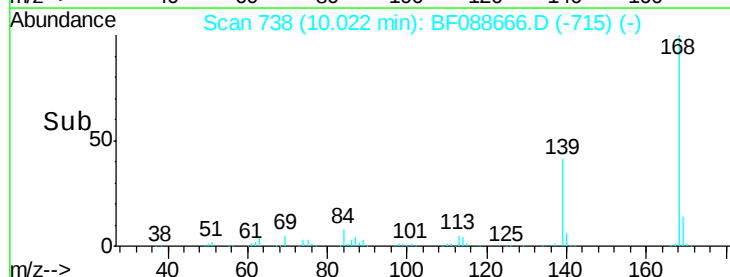
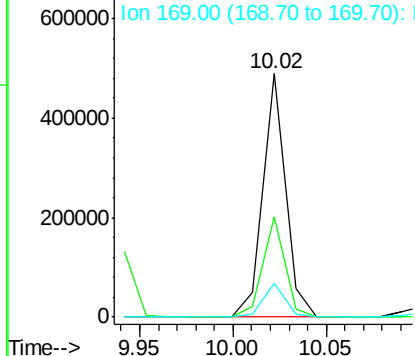


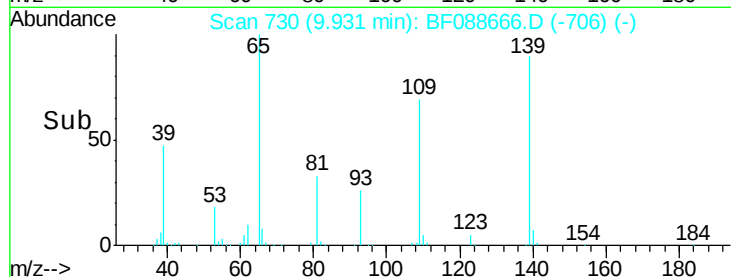
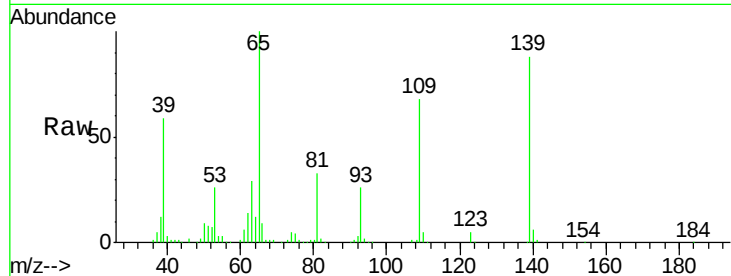
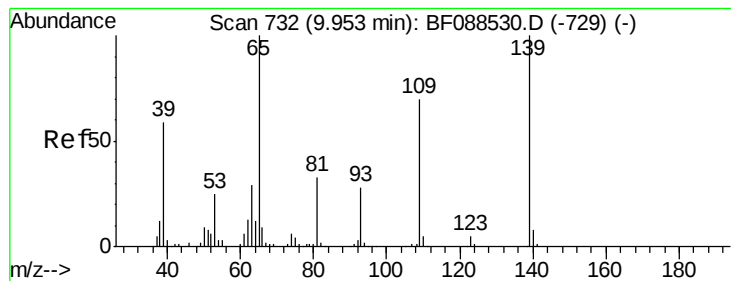
#54
Dibenzofuran
Concen: 22.75 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

Tgt Ion:168 Resp: 411595
Ion Ratio Lower Upper
168 100
139 41.0 26.4 39.6#
169 13.7 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: 66.60 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampleId :

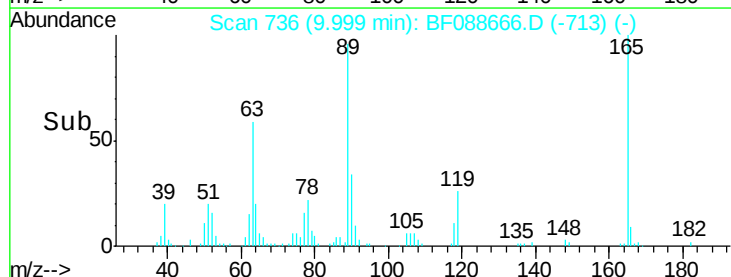
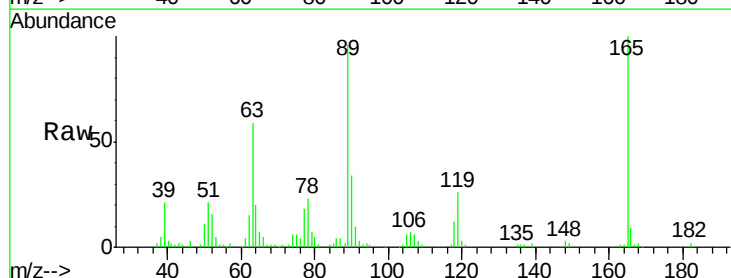
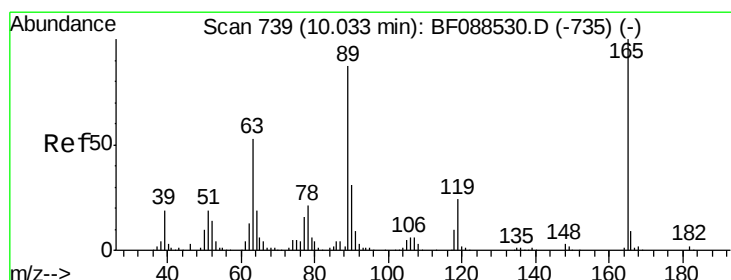
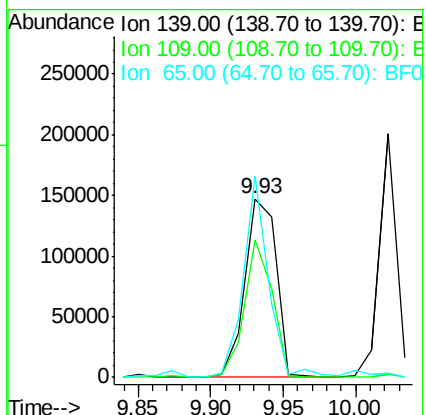
Tot Ion:139 Resp: 221445

Ion Ratio Lower Upper

139 100

109 76.8 48.9 88.9

65 113.1 84.9 124.9



#56

2,4-Dinitrotoluene

Concen: 24.79 ng

RT: 10.00 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Tgt Ion:165 Resp: 111547

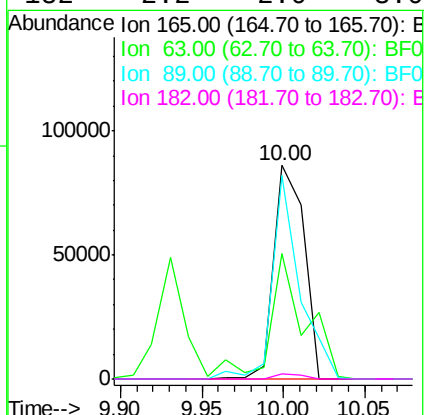
Ion Ratio Lower Upper

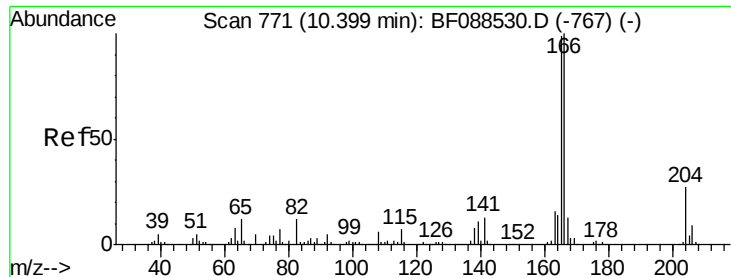
165 100

63 58.8 22.0 33.0#

89 95.5 41.1 61.7#

182 2.2 2.0 3.0





#57

Fluorene

Concen: 23.46 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampleId :

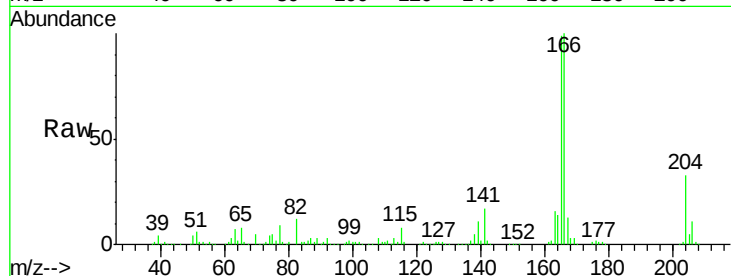
Tot Ion:166 Resp: 327063

Ion Ratio Lower Upper

166 100

165 99.5 77.8 116.8

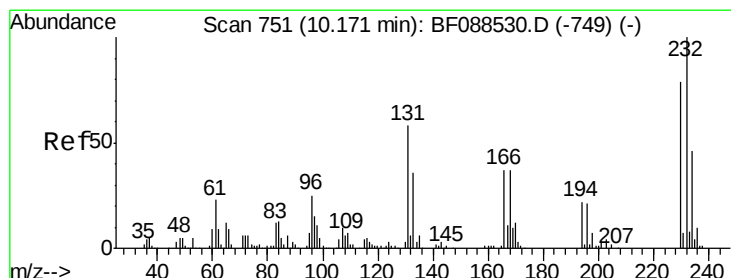
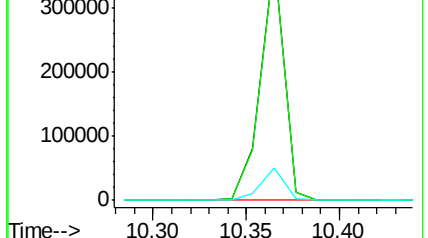
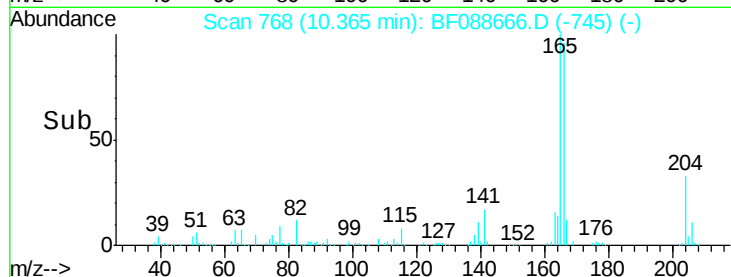
167 13.5 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 25.02 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Tgt Ion:232 Resp: 79629

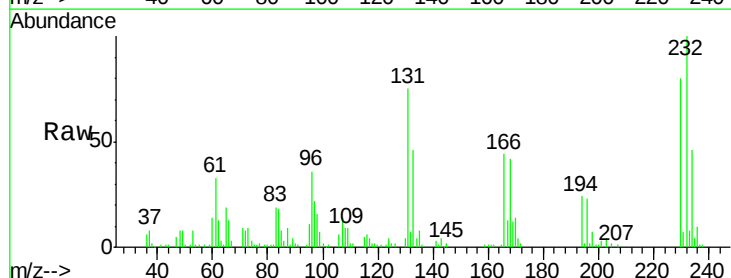
Ion Ratio Lower Upper

232 100

131 55.6 0.9 1.3#

130 2.8 1.5 2.3#

166 34.9 0.5 0.7#

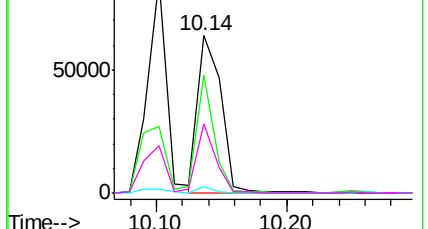
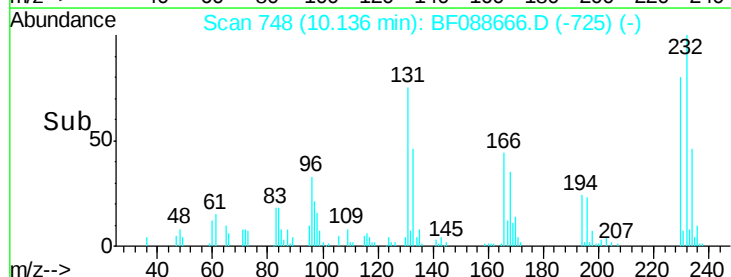


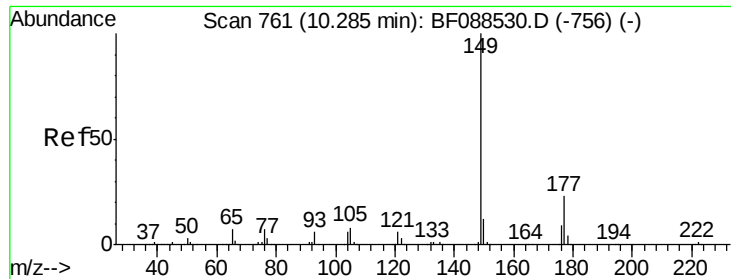
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

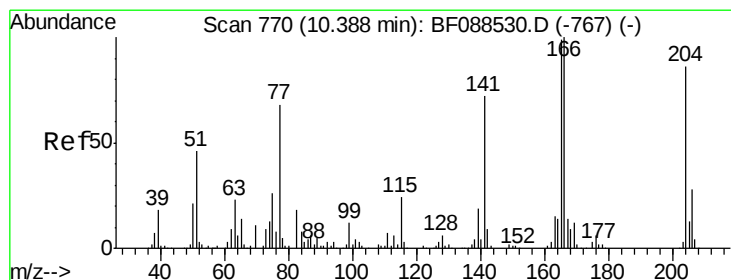
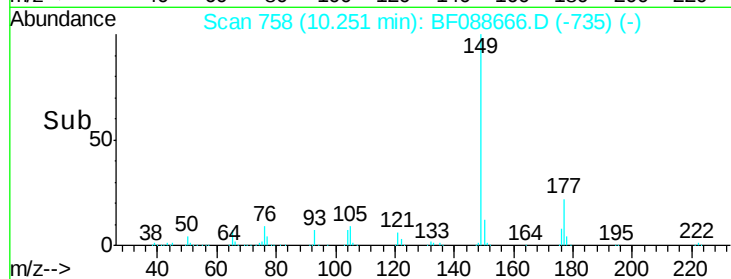
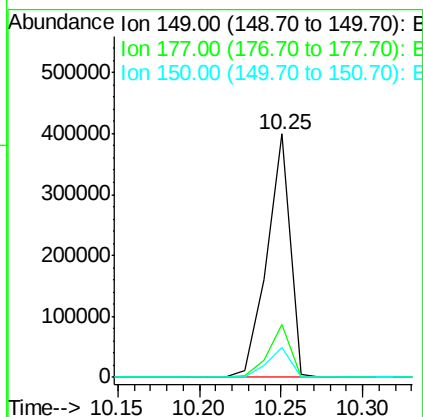
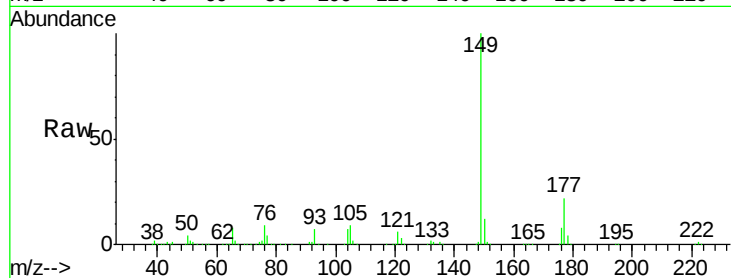




#59
Diethylphthalate
Concen: 25.40 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

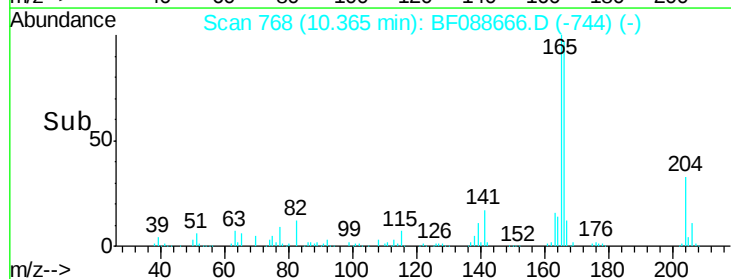
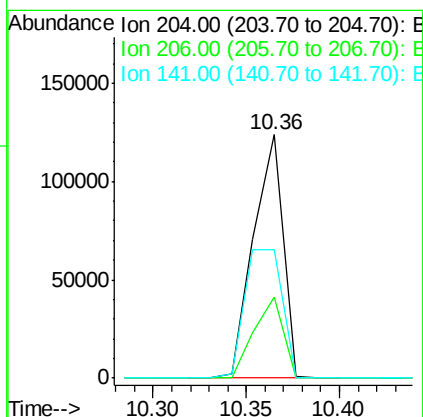
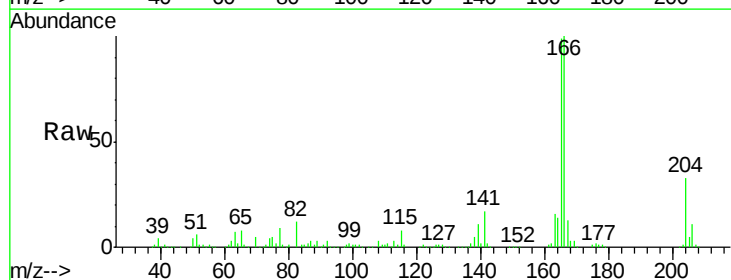
Instrument :
BNA_F
ClientSampleId :

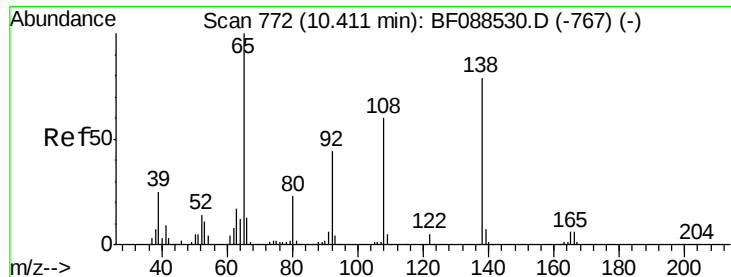
Tot Ion:149 Resp: 395830
Ion Ratio Lower Upper
149 100
177 21.8 16.9 25.3
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 20.86 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

Tgt Ion:204 Resp: 135128
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 52.7 55.0 82.6#

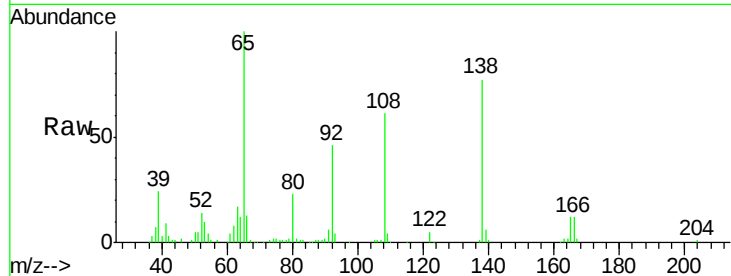




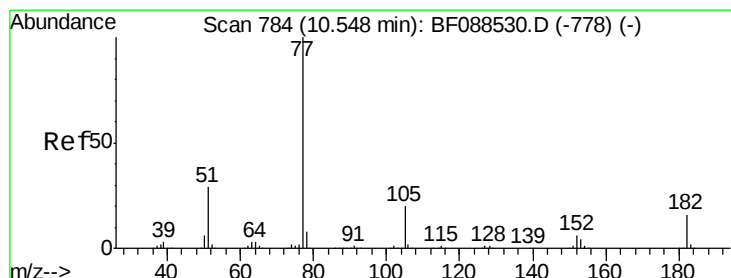
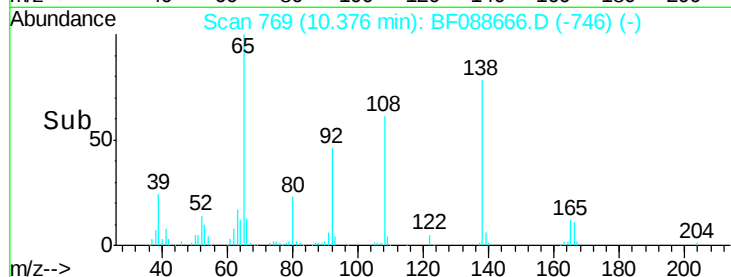
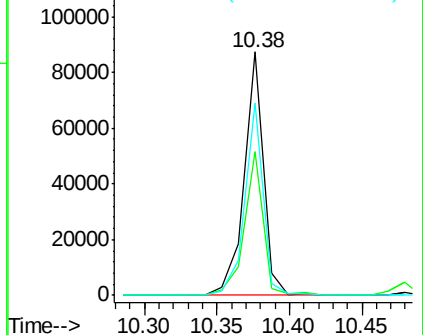
#61
4-Nitroaniline
Concen: 19.12 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 80512
Ion Ratio Lower Upper
138 100
92 59.0 27.3 67.3
108 79.1 46.7 86.7

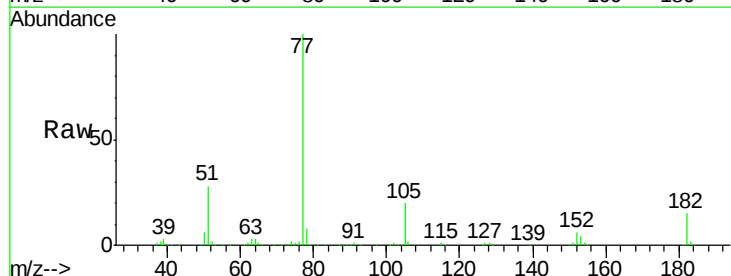


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

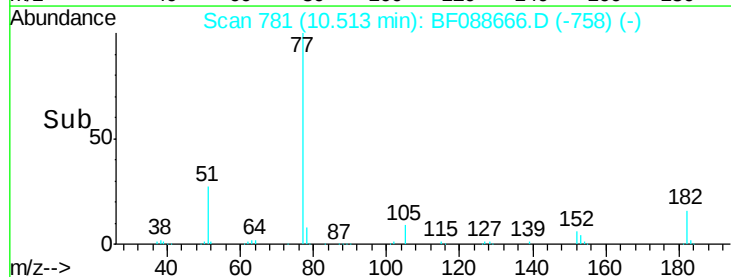
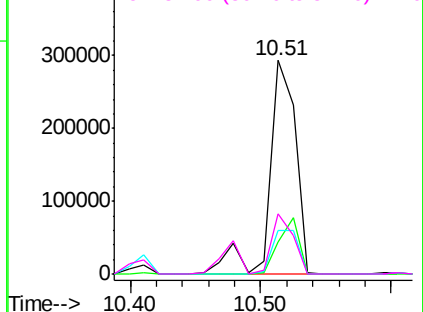


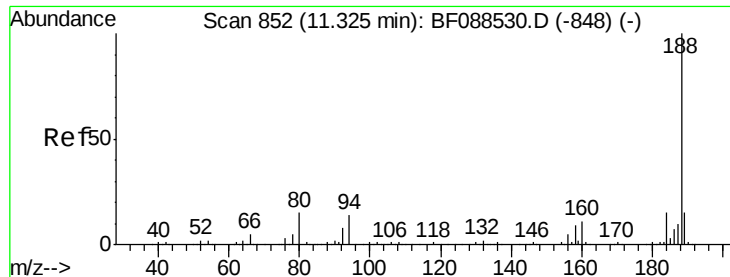
#62
Azobenzene
Concen: 23.36 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

Tgt Ion: 77 Resp: 415251
Ion Ratio Lower Upper
77 100
182 14.8 4.4 44.4
105 20.4 3.8 43.8
51 28.1 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

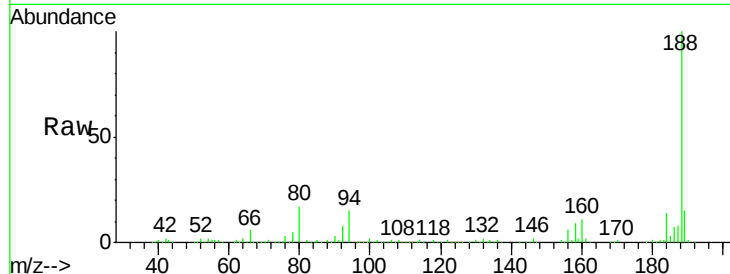




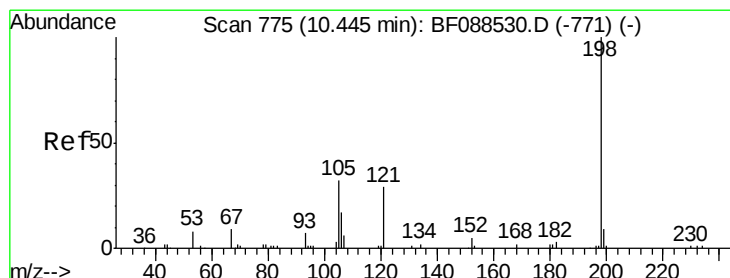
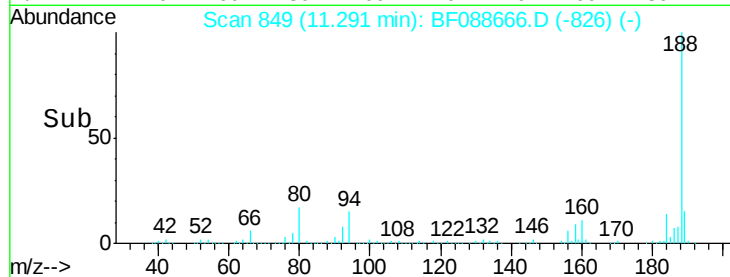
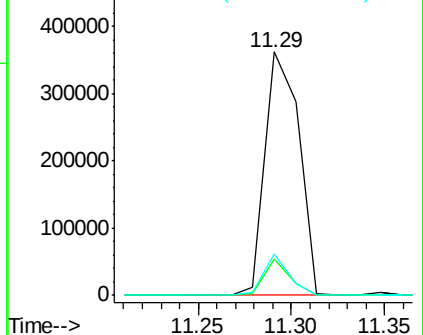
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 456962
Ion Ratio Lower Upper
188 100
94 14.8 9.0 13.6#
80 17.0 10.0 15.0#

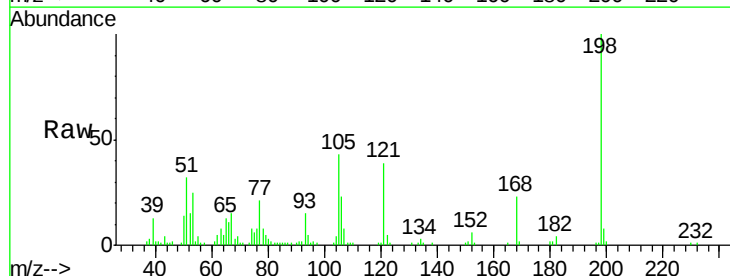


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

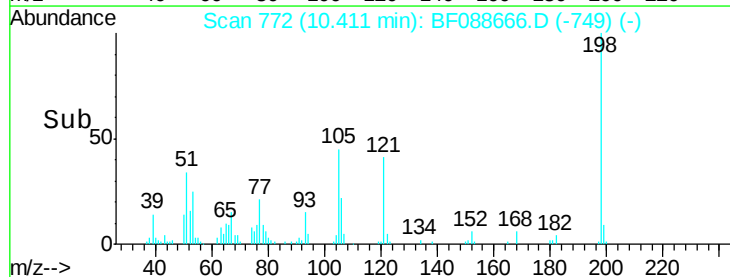
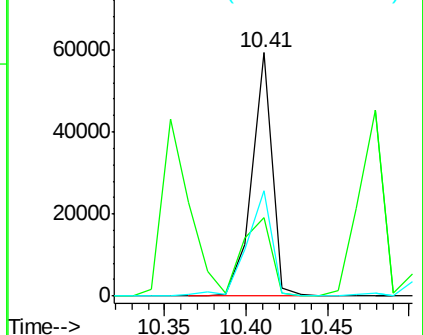


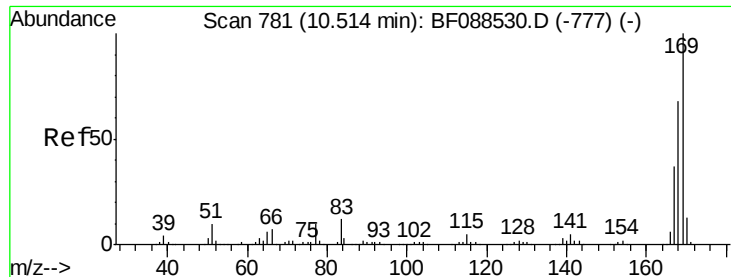
#64
4,6-Dinitro-2-methylphenol
Concen: 20.96 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

Tgt Ion:198 Resp: 51229
Ion Ratio Lower Upper
198 100
51 32.3 39.6 79.6#
105 43.2 36.6 76.6



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

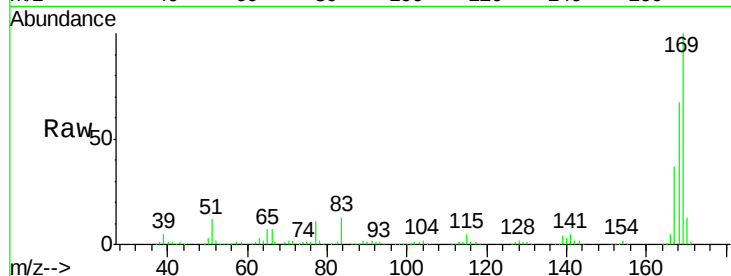




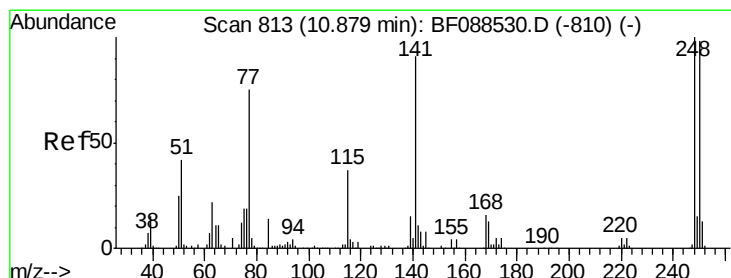
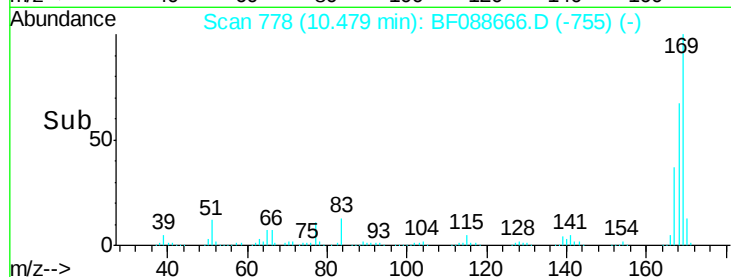
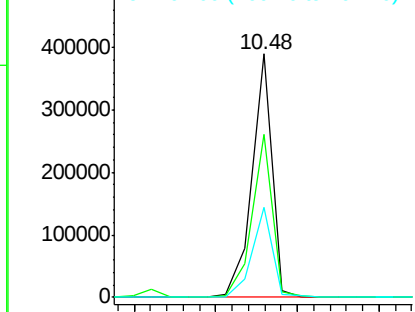
#65
 n-Nitrosodiphenylamine
 Concen: 21.45 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.03 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 331699
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.4 80.0
 167 37.0 29.4 44.0

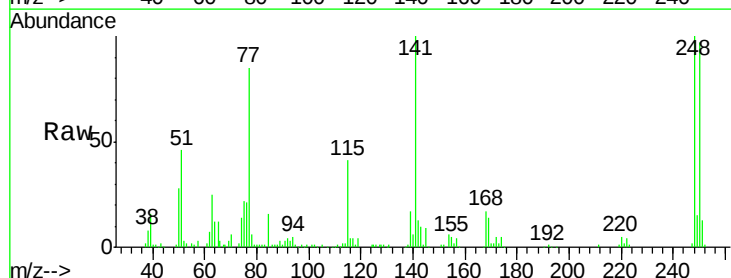


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

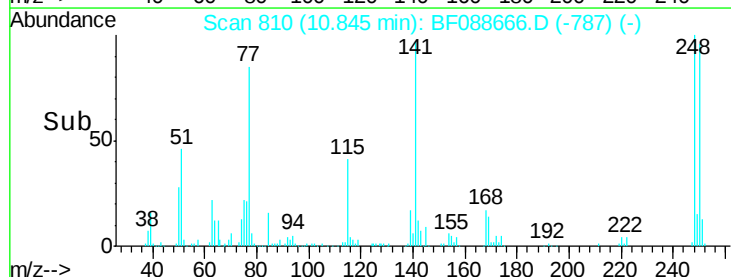
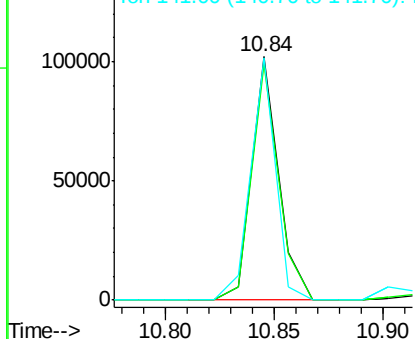


#66
 4-Bromophenyl-phenylether
 Concen: 18.96 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Tgt Ion:248 Resp: 87327
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.1 115.7
 141 99.7 50.6 76.0#



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

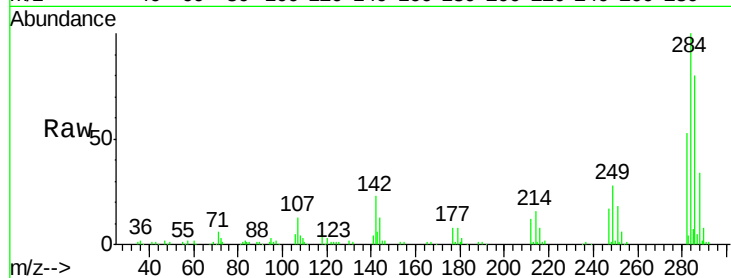




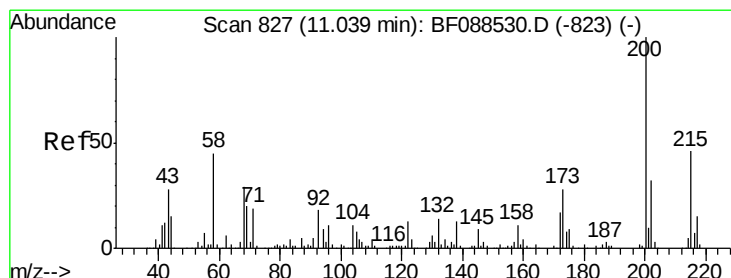
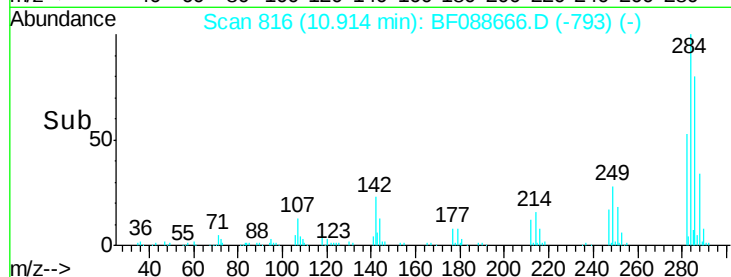
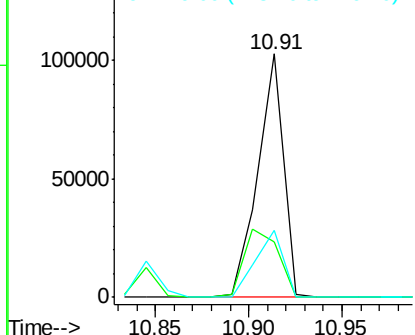
#67
Hexachlorobenzene
Concen: 19.07 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 97229
Ion Ratio Lower Upper
284 100
142 22.5 35.8 53.8#
249 27.6 25.8 38.6

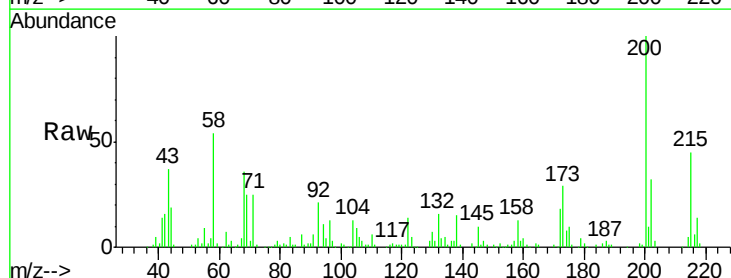


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

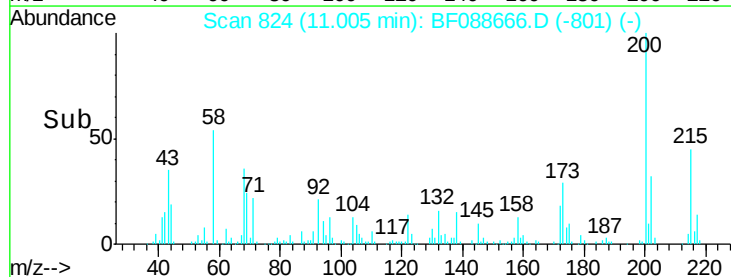
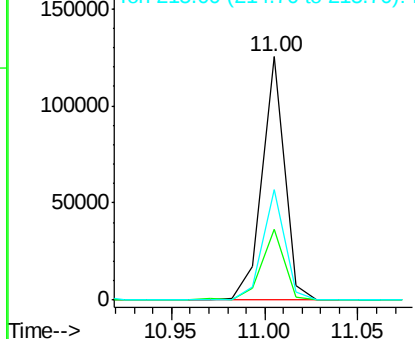


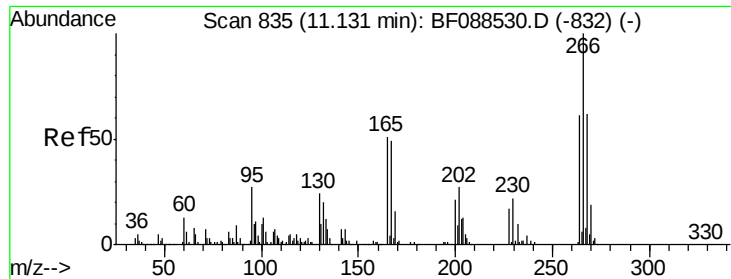
#68
Atrazine
Concen: 21.38 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.03 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

Tgt Ion:200 Resp: 103051
Ion Ratio Lower Upper
200 100
173 29.1 4.0 44.0
215 45.3 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

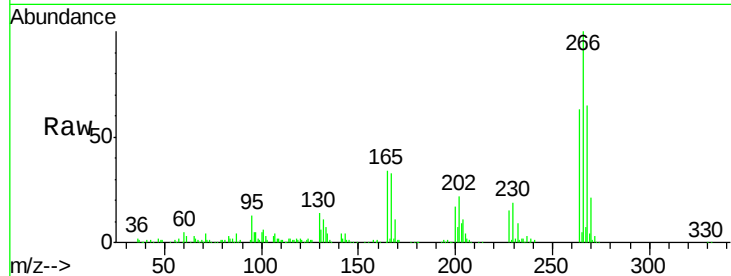




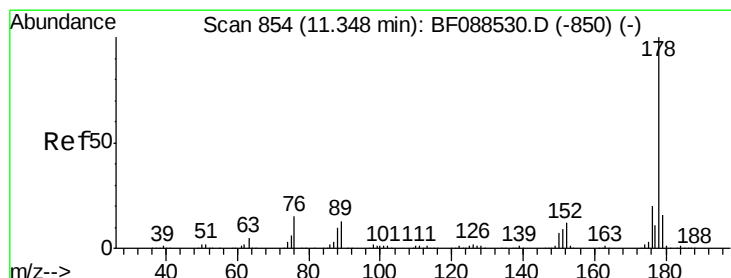
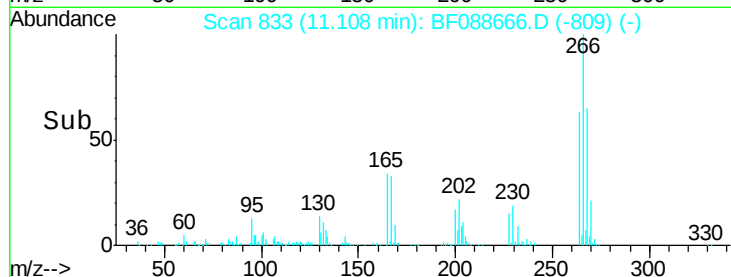
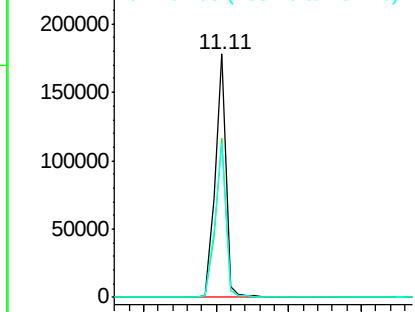
#69
 Pentachlorophenol
 Concen: 61.14 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 184438
 Ion Ratio Lower Upper
 266 100
 268 65.2 52.8 79.2
 264 63.0 49.6 74.4

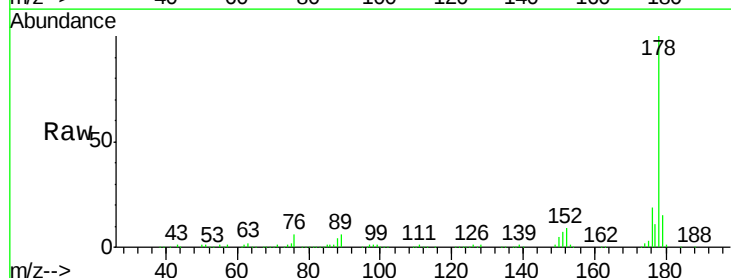


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

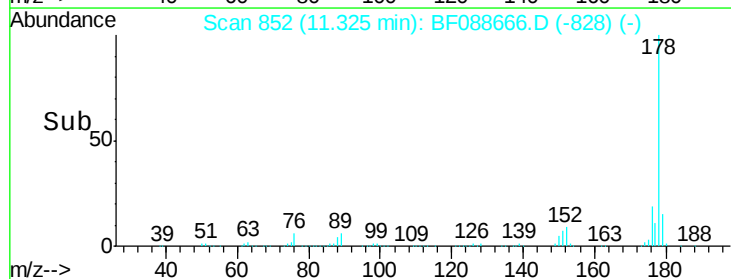
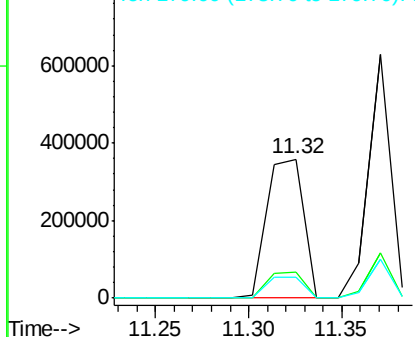


#70
 Phenanthrene
 Concen: 19.57 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Tgt Ion:178 Resp: 488866
 Ion Ratio Lower Upper
 178 100
 176 19.1 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

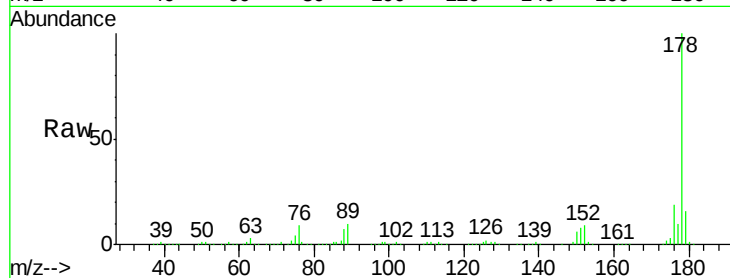




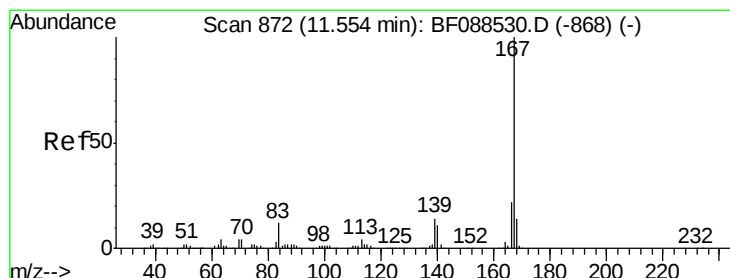
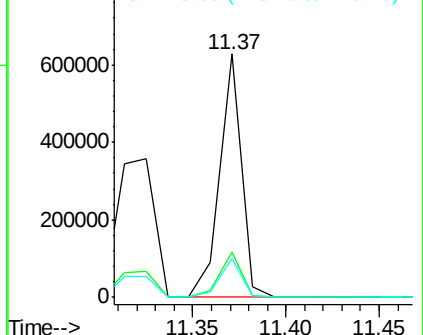
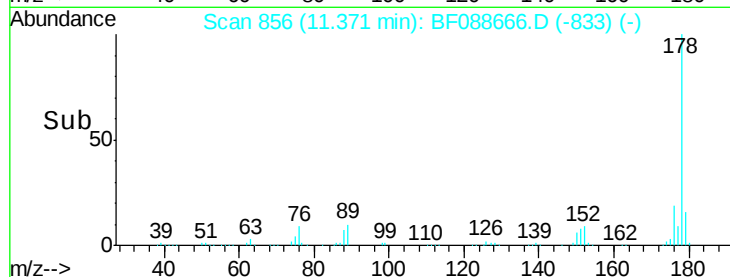
#71
 Anthracene
 Concen: 20.68 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.03 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 513585
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.6 23.4
 179 15.8 12.8 19.2

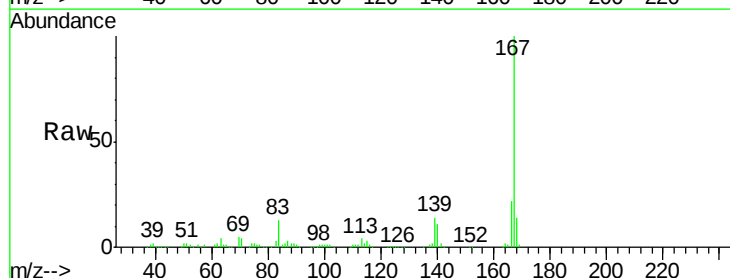


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

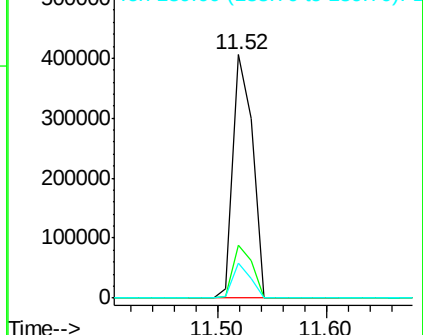
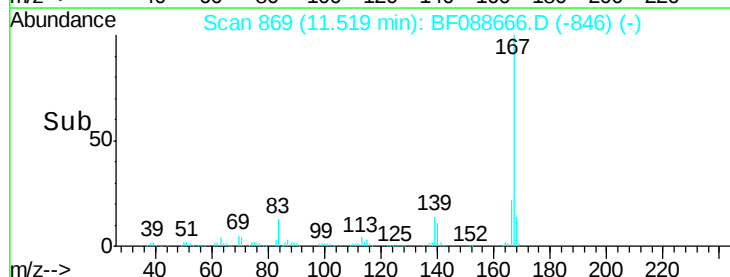


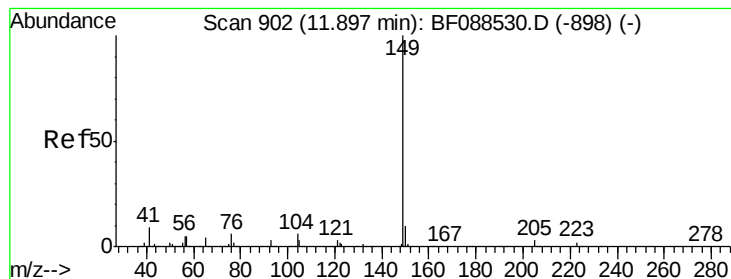
#72
 Carbazole
 Concen: 21.25 ng
 RT: 11.52 min Scan# 869
 Delta R.T. -0.03 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Tgt Ion:167 Resp: 496791
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 14.5 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: 18.80 ng

RT: 11.86 min Scan# 899

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampleId :

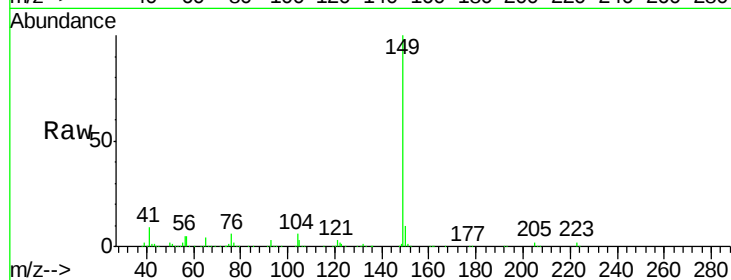
Tot Ion:149 Resp: 511293

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

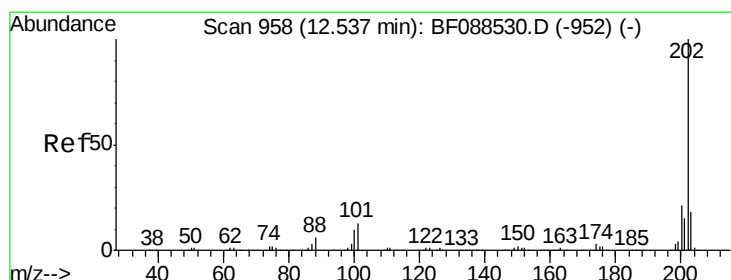
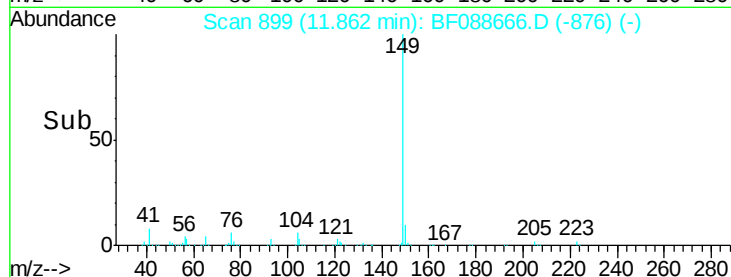
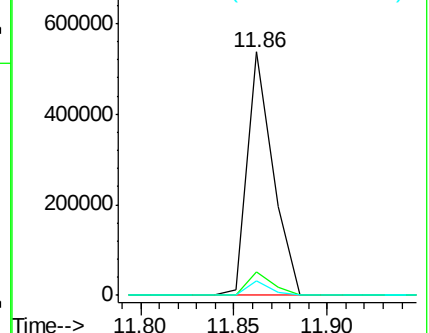
104 5.7 4.0 6.0



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: 18.37 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

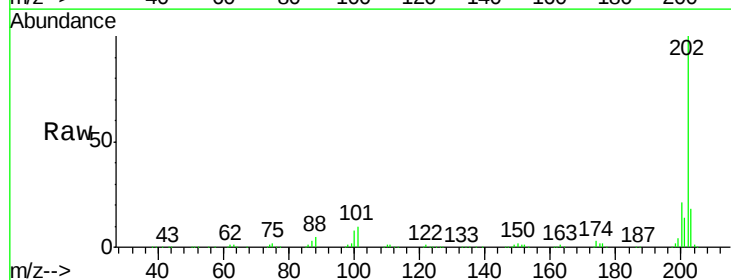
Tgt Ion:202 Resp: 465134

Ion Ratio Lower Upper

202 100

101 10.1 0.0 33.1

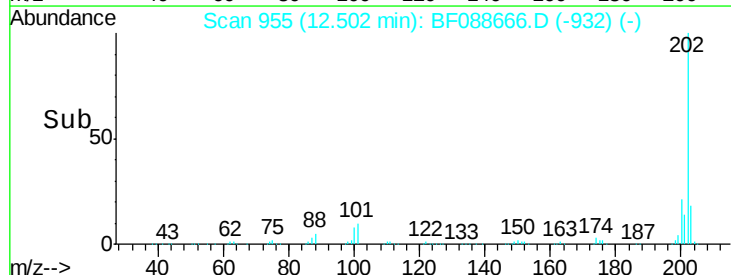
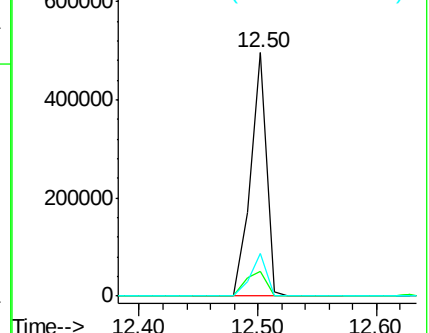
203 17.5 0.0 38.1



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: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampleId :

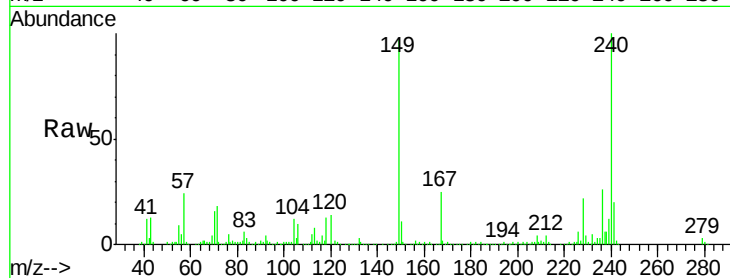
Tot Ion:240 Resp: 293914

Ion Ratio Lower Upper

240 100

120 13.7 6.8 10.2#

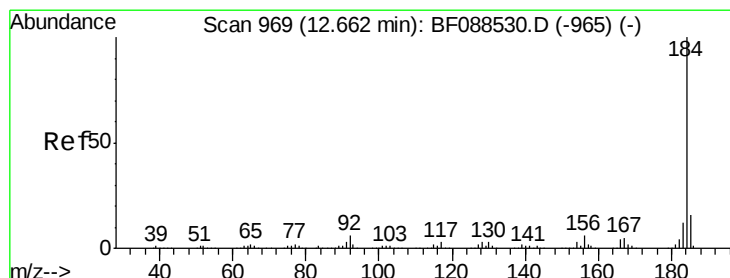
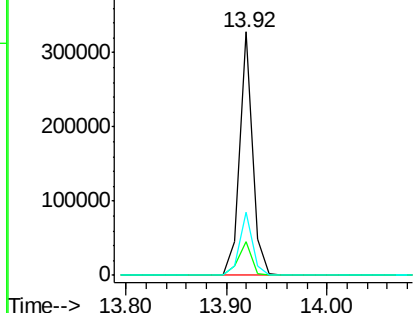
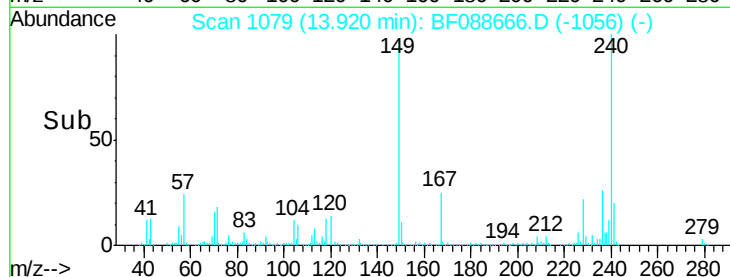
236 26.1 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.51 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

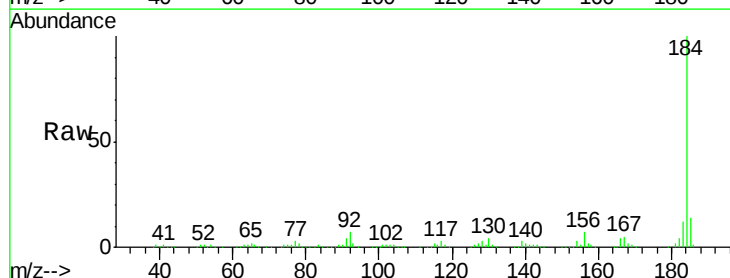
Tgt Ion:184 Resp: 334354

Ion Ratio Lower Upper

184 100

185 14.2 12.5 18.7

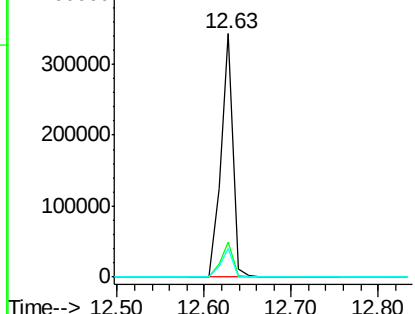
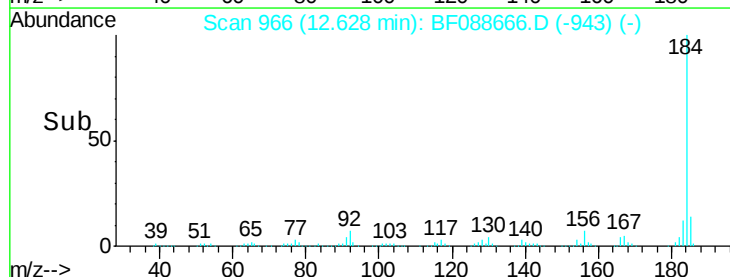
183 11.7 9.3 13.9

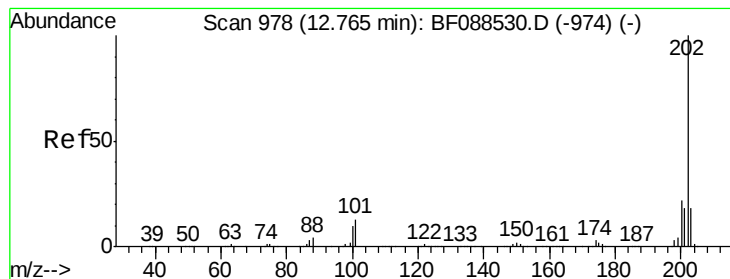


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 17.85 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampleId :

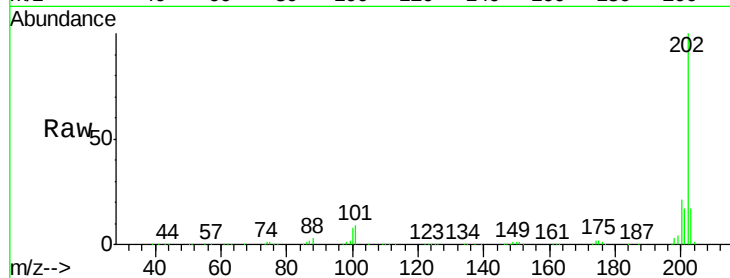
Tot Ion:202 Resp: 444747

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

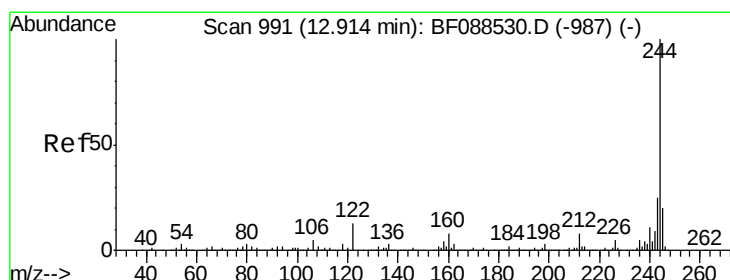
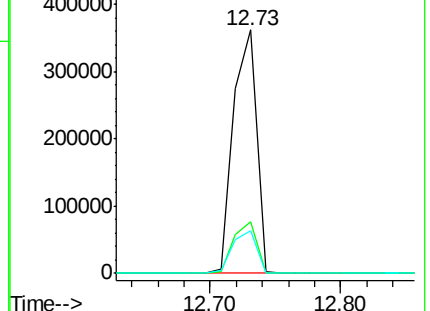
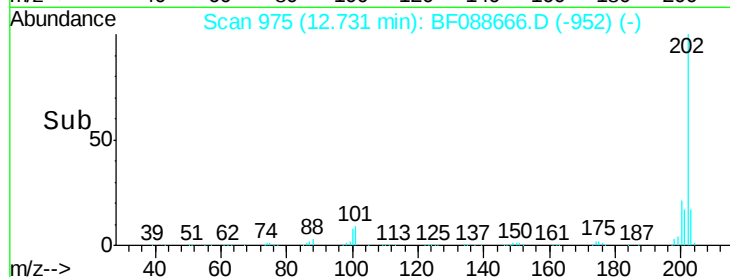
203 17.4 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 60.61 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

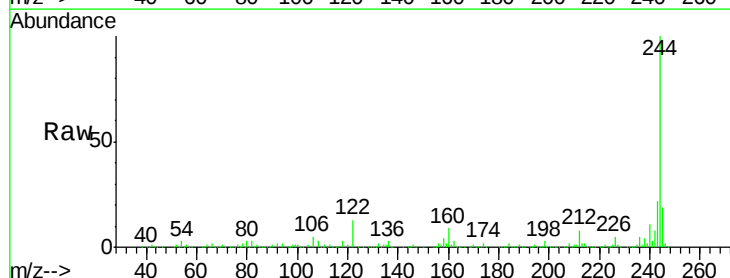
Tgt Ion:244 Resp: 799808

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

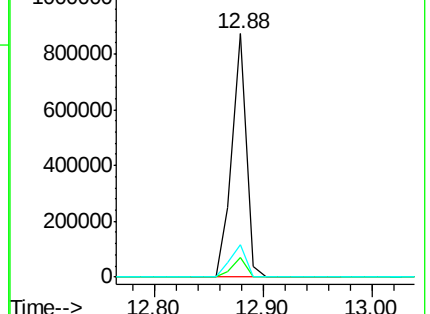
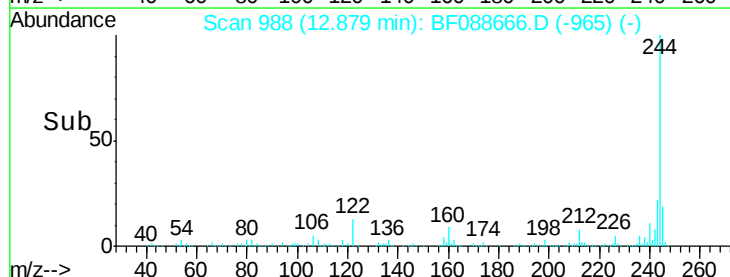
122 13.2 11.2 16.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 18.25 ng

RT: 13.36 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampled :

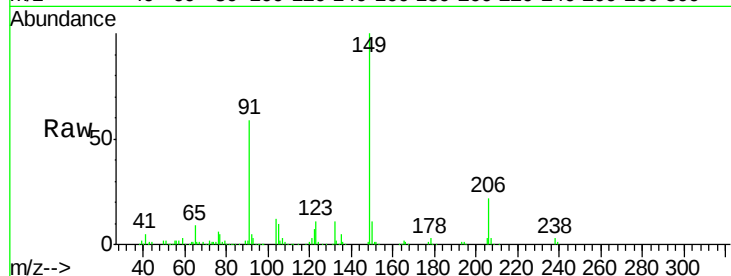
Tot Ion:149 Resp: 202888

Ion Ratio Lower Upper

149 100

91 59.2 48.0 72.0

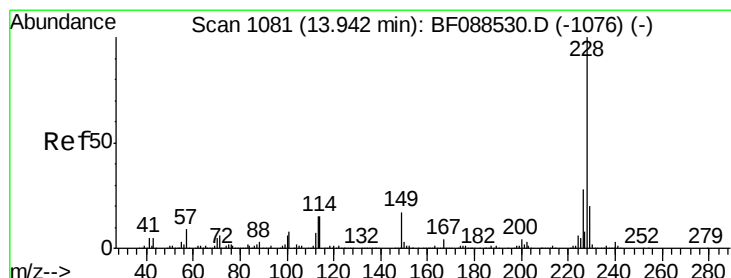
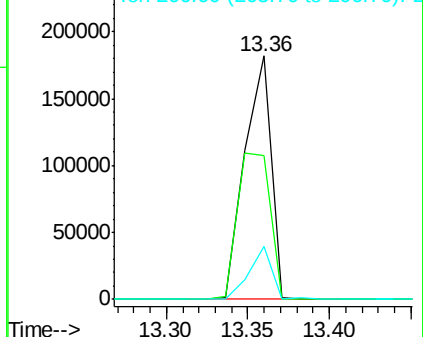
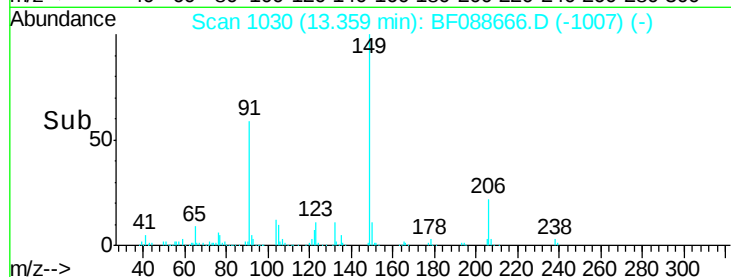
206 21.8 16.0 24.0



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: 17.84 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

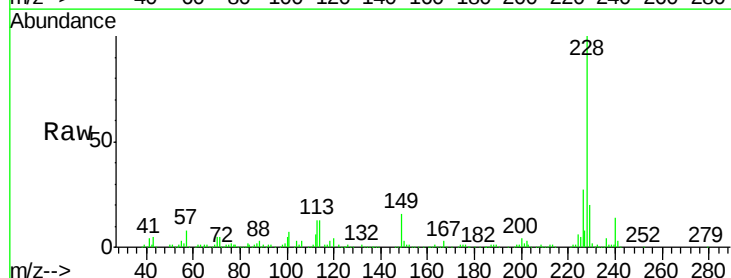
Tgt Ion:228 Resp: 337646

Ion Ratio Lower Upper

228 100

226 27.0 22.3 33.5

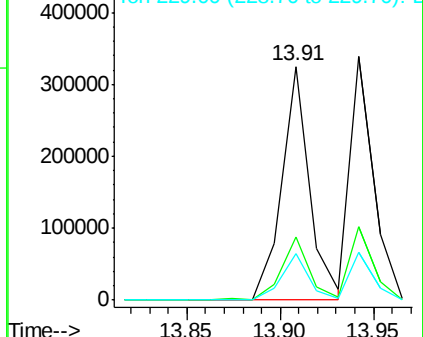
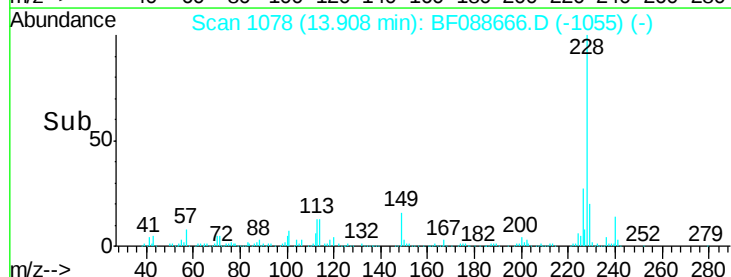
229 19.7 16.0 24.0

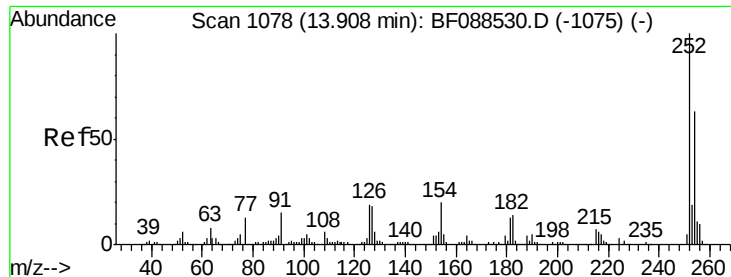


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

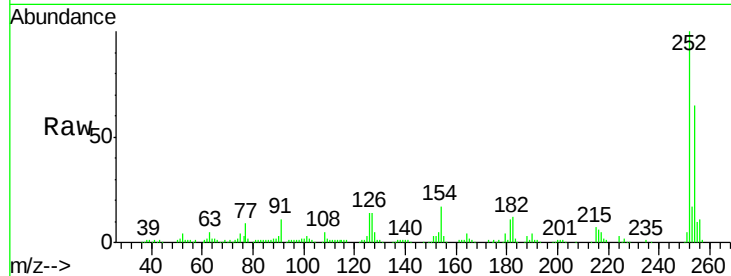




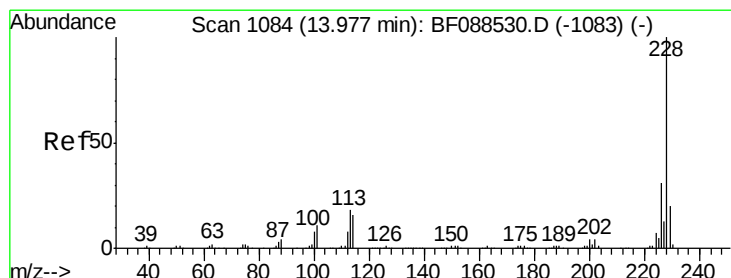
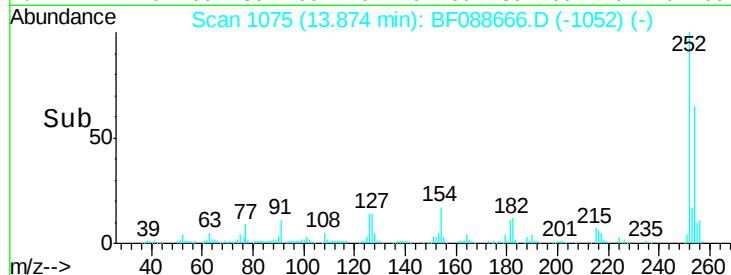
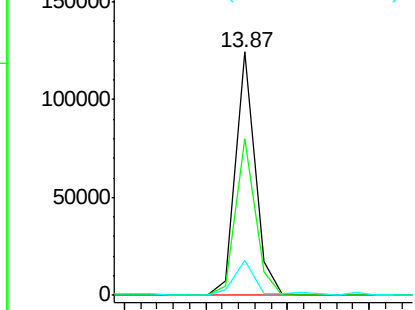
#81
 3,3'-Dichlorobenzidine
 Concen: 14.48 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.03 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 103060
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.6 78.8
 126 14.3 6.2 9.2#

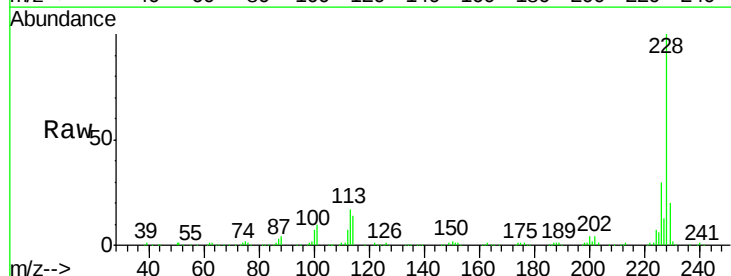


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

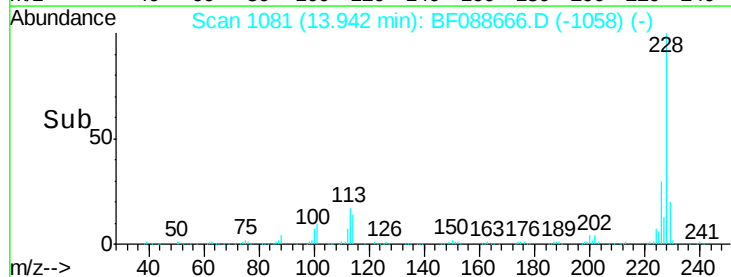
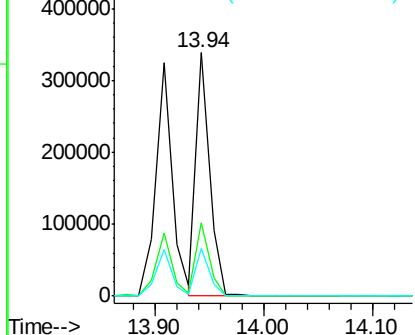


#82
 Chrysene
 Concen: 16.02 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.03 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Tgt Ion:228 Resp: 300008
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.4 38.2
 229 19.7 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: 21.38 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampleId :

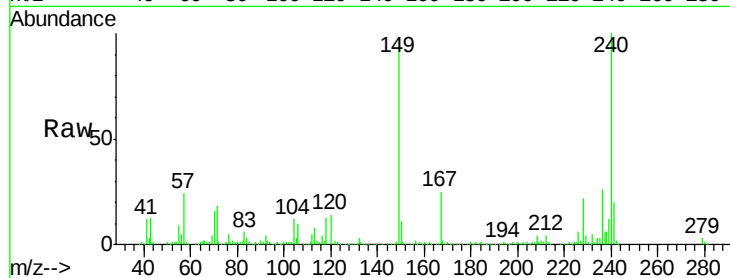
Tot Ion:149 Resp: 271392

Ion Ratio Lower Upper

149 100

167 25.4 20.5 30.7

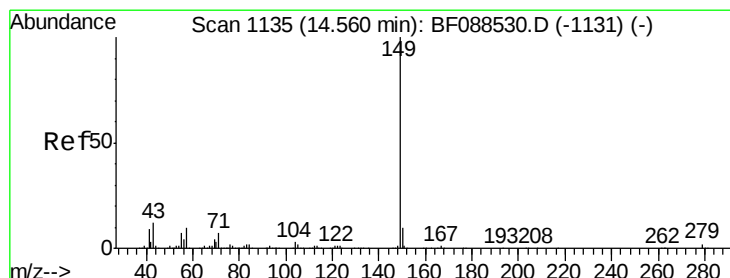
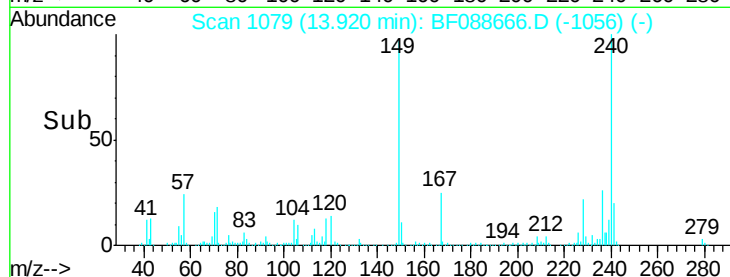
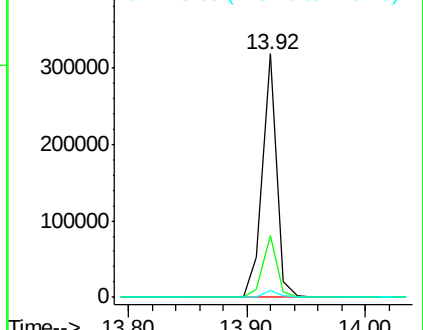
279 3.0 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 21.97 ng

RT: 14.53 min Scan# 1132

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

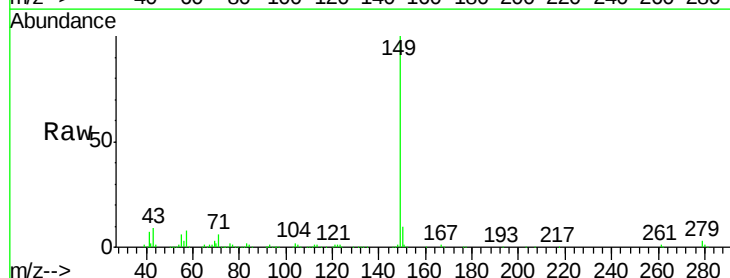
Tgt Ion:149 Resp: 473743

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

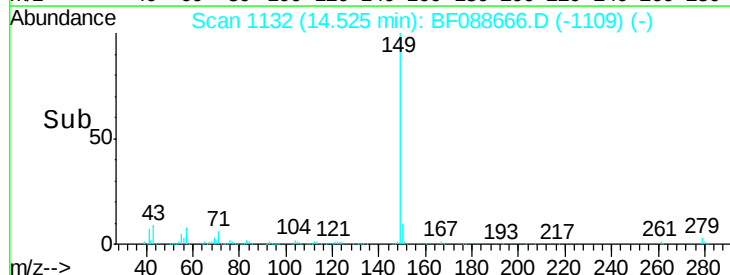
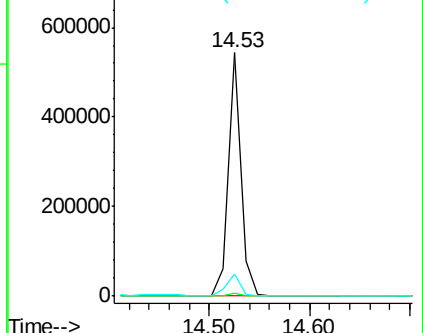
43 9.9 0.0 0.0#

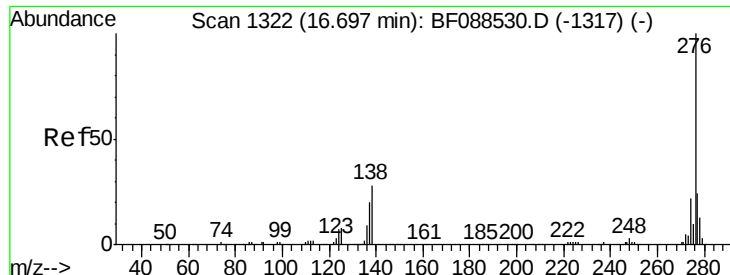


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

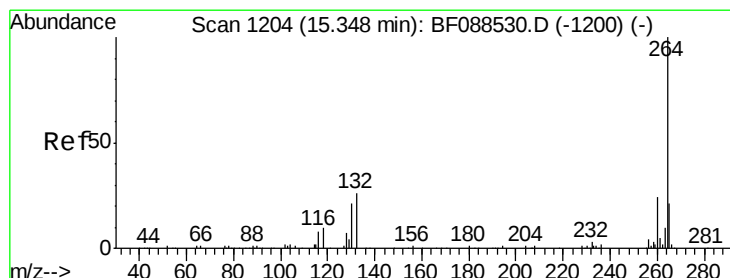
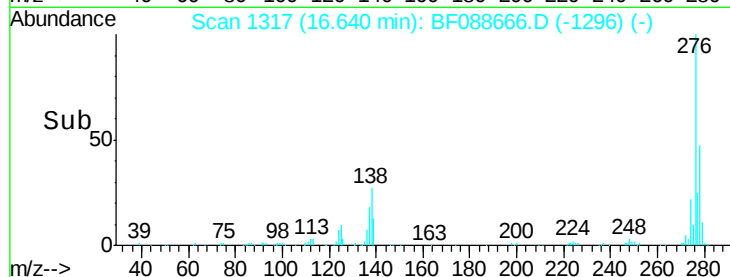
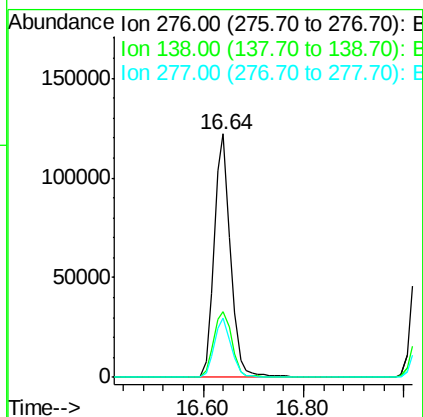
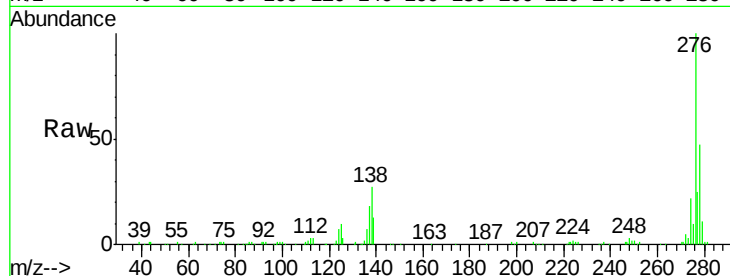




#85
Indeno(1,2,3-cd)pyrene
Concen: 19.13 ng
RT: 16.64 min Scan# 1317
Delta R.T. -0.06 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

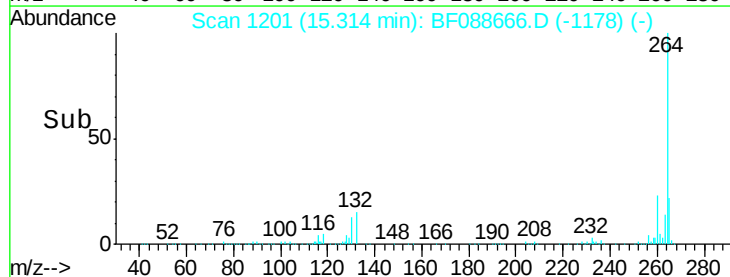
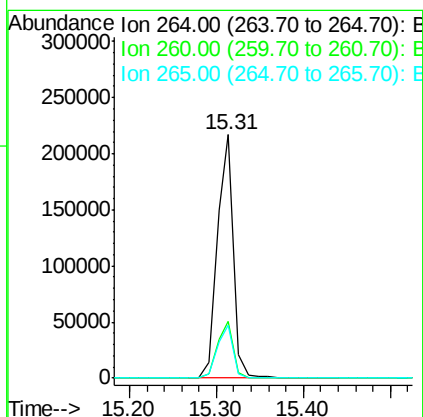
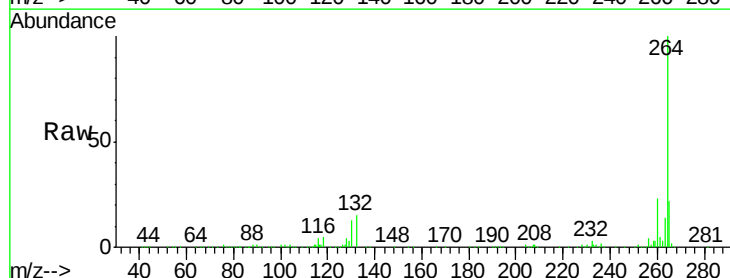
Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 275515
Ion Ratio Lower Upper
276 100
138 30.5 0.0 0.0#
277 25.0 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088666.D
Acq: 4 Jul 2016 00:18

Tgt Ion:264 Resp: 281271
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.7 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 33.07 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampleId :

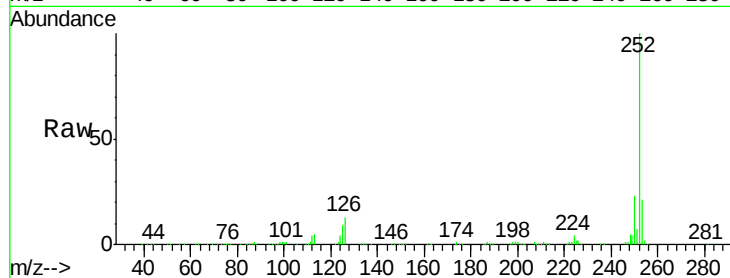
Tot Ion:252 Resp: 583439

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

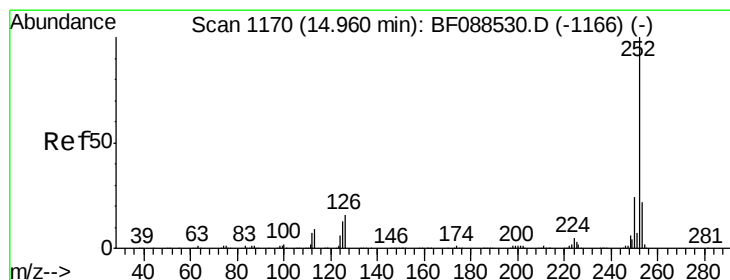
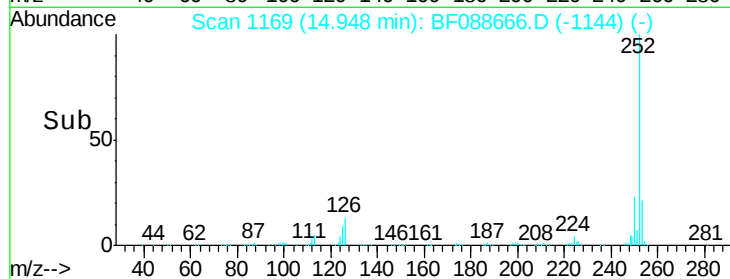
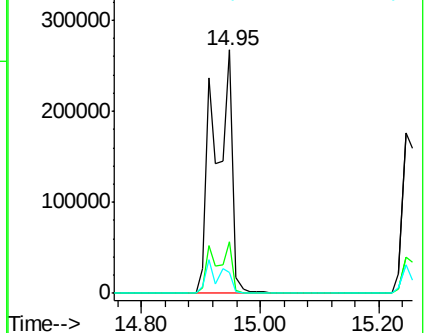
125 8.8 7.1 10.7



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: 37.98 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

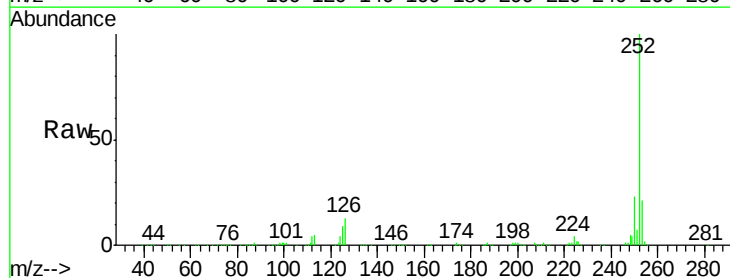
Tgt Ion:252 Resp: 583439

Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

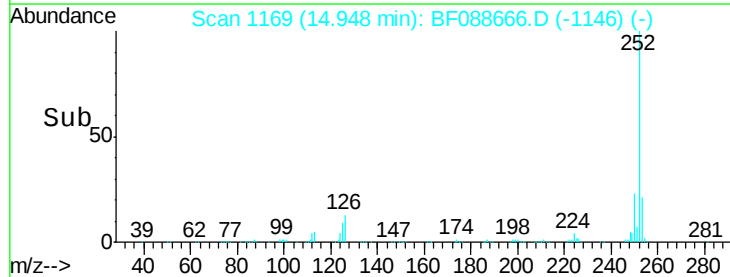
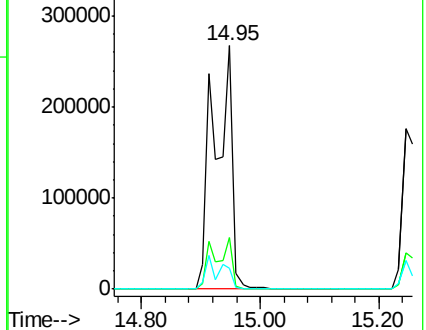
125 8.8 11.2 16.8#

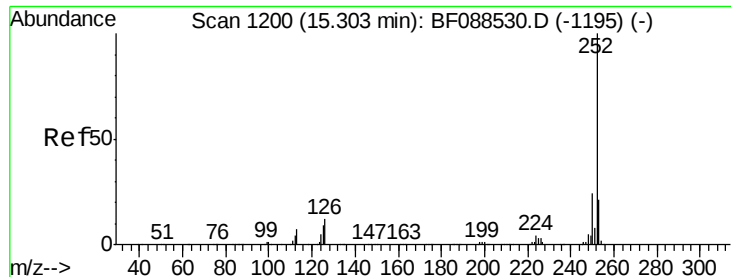


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 17.29 ng

RT: 15.25 min Scan# 1195

Delta R.T. -0.06 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

Instrument :

BNA_F

ClientSampleId :

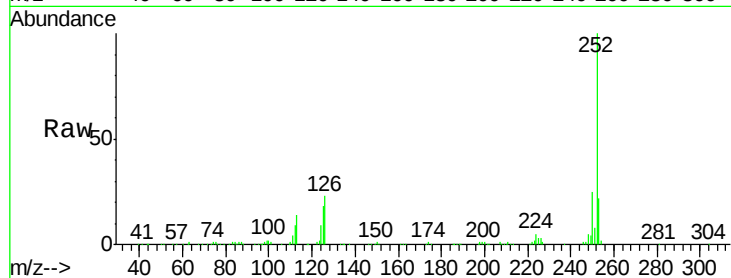
Tot Ion:252 Resp: 258273

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

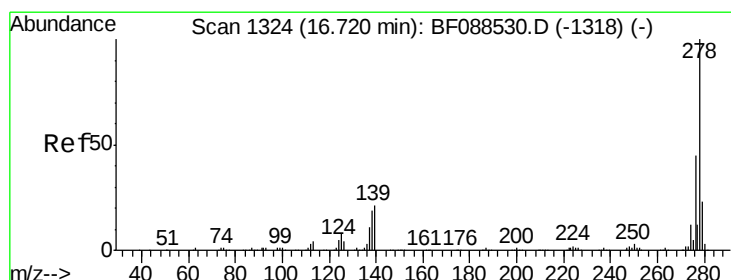
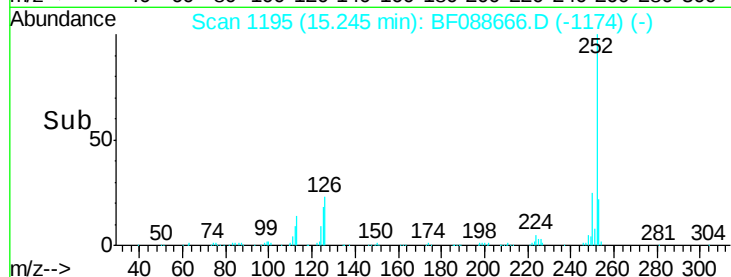
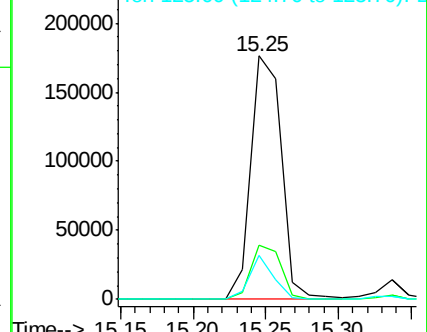
125 17.9 12.5 18.7



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: 18.96 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.07 min

Lab File: BF088666.D

Acq: 4 Jul 2016 00:18

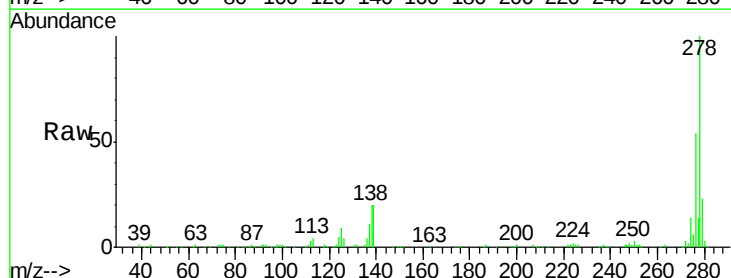
Tgt Ion:278 Resp: 236474

Ion Ratio Lower Upper

278 100

139 19.9 15.7 23.5

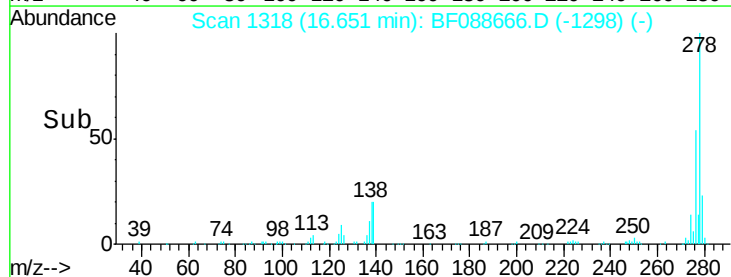
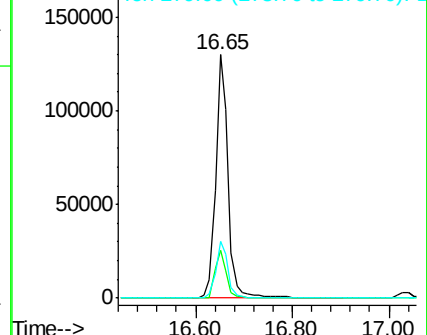
279 23.1 19.4 29.2



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

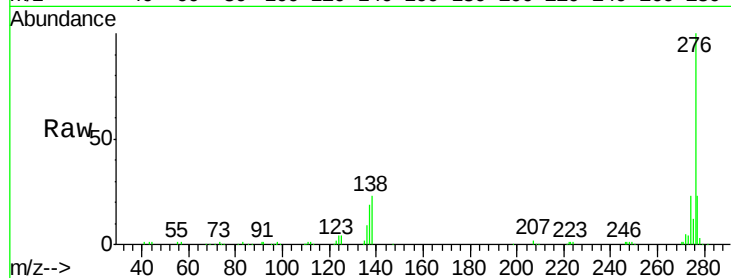




#91
 Benzo(a,h,i)perylene
 Concen: 17.61 ng
 RT: 17.04 min Scan# 1352
 Delta R.T. -0.07 min
 Lab File: BF088666.D
 Acq: 4 Jul 2016 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 227301
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.9 28.3
 138 22.9 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

