

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088645.D
 Acq On : 3 Jul 2016 13:08
 Operator : UM/SJ
 Sample : PB91848BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 04:55:27 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	104806	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	417798	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	196533	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	397223	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	284634	20.00	ng	-0.03
86) Perylene-d12	15.31	264	283731	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	844696	120.79	ng	-0.01
7) Phenol-d6	6.42	99	955549	105.75	ng	-0.02
23) Nitrobenzene-d5	7.35	82	648994	81.40	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	259184	142.02	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	1220534	98.10	ng	-0.02
78) Terphenyl-d14	12.88	244	1067508	83.54	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.42	88	107404	30.98	ng	# 33
3) Pyridine	3.10	79	160512	15.95	ng	92
4) n-Nitrosodimethylamine	3.04	42	69992	18.21	ng	86
6) Aniline	6.44	93	155002	11.77	ng	98
8) 2-Chlorophenol	6.57	128	171970	22.88	ng	91
9) Benzaldehyde	6.32	77	101248	16.54	ng	# 77
10) Phenol	6.43	94	230967	22.40	ng	78
11) bis(2-Chloroethyl)ether	6.52	93	174617	22.71	ng	87
12) 1,3-Dichlorobenzene	6.80	146	171465	20.73	ng	96
13) 1,4-Dichlorobenzene	6.80	146	171465	20.89	ng	95
14) 1,2-Dichlorobenzene	6.96	146	162802	21.19	ng	97
15) Benzyl Alcohol	6.92	79	147384	22.16	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.07	45	221675	19.90	ng	90
17) 2-Methylphenol	7.04	107	140078	22.85	ng	97
18) Hexachloroethane	7.30	117	67131	21.14	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	122172	20.13	ng	93
20) 3+4-Methylphenols	7.20	107	187101	25.43	ng	92
22) Acetophenone	7.19	105	235641	23.24	ng	# 87
24) Nitrobenzene	7.37	77	185761	23.11	ng	99
25) Isophorone	7.61	82	347444	23.53	ng	99
26) 2-Nitrophenol	7.68	139	79386	24.08	ng	92
27) 2,4-Dimethylphenol	7.72	122	158424	23.08	ng	90
28) bis(2-Chloroethoxy)methane	7.83	93	224129	23.32	ng	96
29) 2,4-Dichlorophenol	7.93	162	139267	25.10	ng	94
30) 1,2,4-Trichlorobenzene	8.01	180	138378	22.73	ng	99
31) Naphthalene	8.09	128	498403	24.20	ng	99
32) Benzoic acid	7.83	122	86853	17.42	ng	90
33) 4-Chloroaniline	8.14	127	100948	11.02	ng	97
34) Hexachlorobutadiene	8.22	225	79359	24.34	ng	98
35) Caprolactam	8.48	113	18537	9.84	ng	96
36) 4-Chloro-3-methylphenol	8.63	107	163785	24.96	ng	98
37) 2-Methylnaphthalene	8.78	142	313632	23.65	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	123396	18.88	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	227683	70.96	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	96061	22.29	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	111353	30.03	nq	# 90
45) 1,1'-Biphenyl	9.24	154	401530	24.67	nq	100
46) 2-Chloronaphthalene	9.27	162	307915	24.10	nq	99
47) 2-Nitroaniline	9.36	65	104974	23.15	nq	96
48) Acenaphthylene	9.68	152	483394	23.78	nq	99
49) Dimethylphthalate	9.54	163	349372	24.95	nq	99
50) 2,6-Dinitrotoluene	9.61	165	79968	25.77	nq	90
51) Acenaphthene	9.85	154	342913	27.52	nq	98
52) 3-Nitroaniline	9.77	138	59695	15.13	nq	94
53) 2,4-Dinitrophenol	9.87	184	106587	77.79	nq	# 82
54) Dibenzofuran	10.02	168	419612	25.73	nq	# 88
55) 4-Nitrophenol	9.94	139	240774	80.32	nq	# 74
56) 2,4-Dinitrotoluene	10.01	165	113350	27.94	nq	99
57) Fluorene	10.36	166	322489	25.66	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	82441	28.74	nq	# 55
59) Diethylphthalate	10.25	149	385802	27.46	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	152325	26.08	nq	92
61) 4-Nitroaniline	10.38	138	74324	19.58	nq	83
62) Azobenzene	10.52	77	443081	27.64	nq	95
64) 4,6-Dinitro-2-methylphenol	10.41	198	51569	24.27	nq	90
65) n-Nitrosodiphenylamine	10.48	169	307372	22.86	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	88113	22.01	nq	# 71
67) Hexachlorobenzene	10.91	284	104490	23.58	nq	# 89
68) Atrazine	11.00	200	92167	22.00	nq	92
69) Pentachlorophenol	11.11	266	179220	68.34	nq	97
70) Phenanthrene	11.32	178	543429	25.03	nq	99
71) Anthracene	11.37	178	504377	23.36	nq	99
72) Carbazole	11.53	167	511881	25.19	nq	97
73) Di-n-butylphthalate	11.87	149	592501	25.07	nq	# 97
74) Fluoranthene	12.50	202	517488	23.51	nq	99
76) Benzidine	12.63	184	392389	27.27	nq	99
77) Pyrene	12.73	202	548374	22.72	nq	99
79) Butylbenzylphthalate	13.36	149	255814	23.76	nq	89
80) Benzo(a)anthracene	13.91	228	441177	24.07	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	74422	10.80	nq	# 93
82) Chrysene	13.95	228	445570	24.57	nq	97
83) Bis(2-ethylhexyl)phthalate	13.92	149	311175	25.32	nq	99
84) Di-n-octyl phthalate	14.53	149	556647	26.66	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.65	276	350316	25.11	nq	# 100
87) Benzo(b)fluoranthene	14.93	252	786482	44.19	nq	# 98
88) Benzo(k)fluoranthene	14.93	252	786482	50.76	nq	# 96
89) Benzo(a)pyrene	15.26	252	371967	24.68	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	289566	23.01	nq	100
91) Benzo(g,h,i)perylene	17.05	276	284702	21.86	nq	# 93

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

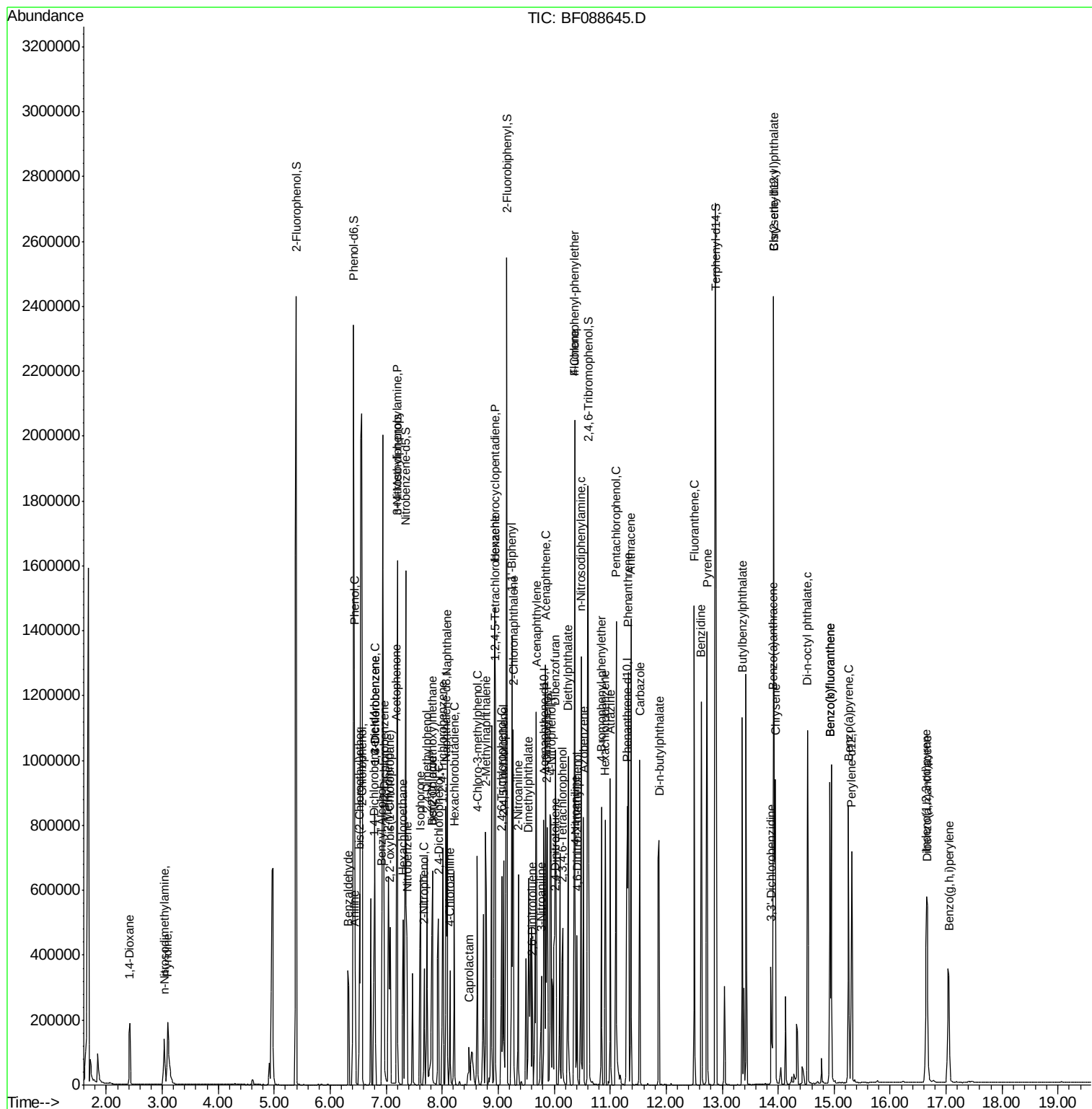
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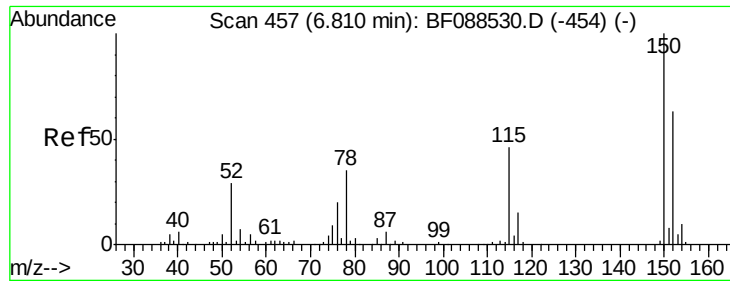
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampled :

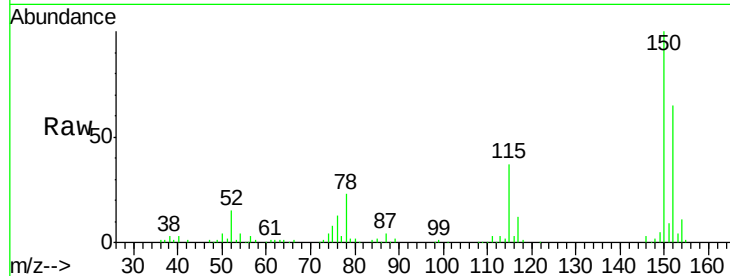
Tot Ion:152 Resp: 104806

Ion Ratio Lower Upper

152 100

150 153.5 123.8 185.6

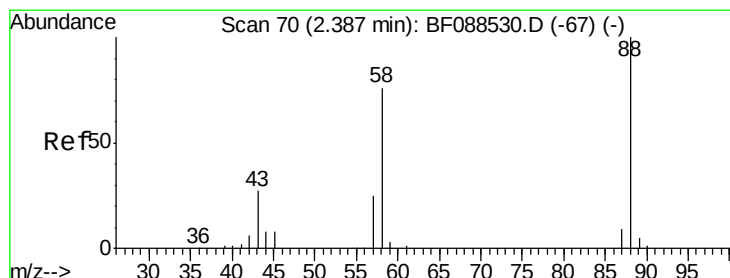
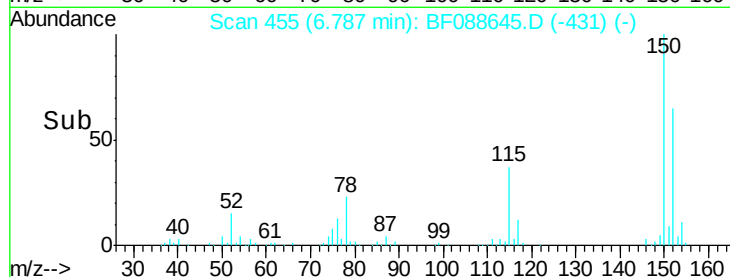
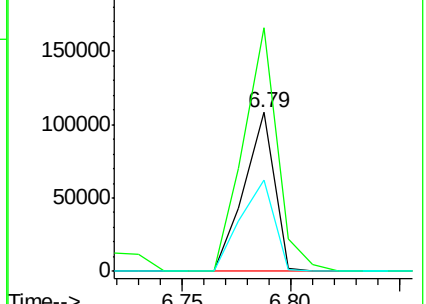
115 57.5 39.6 59.4



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: 30.98 ng

RT: 2.42 min Scan# 73

Delta R.T. 0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

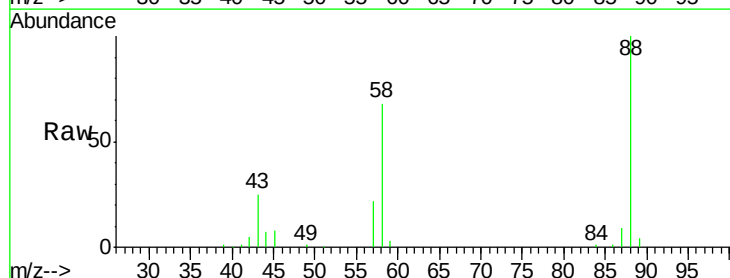
Tgt Ion: 88 Resp: 107404

Ion Ratio Lower Upper

88 100

58 71.7 0.0 0.0#

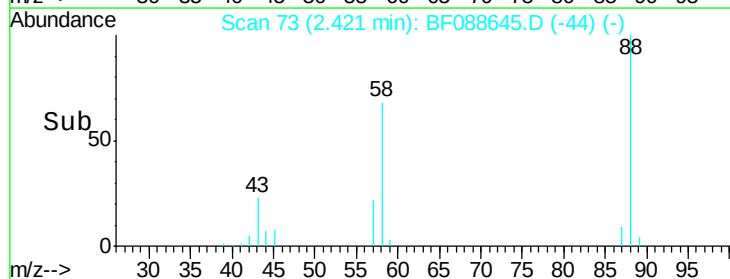
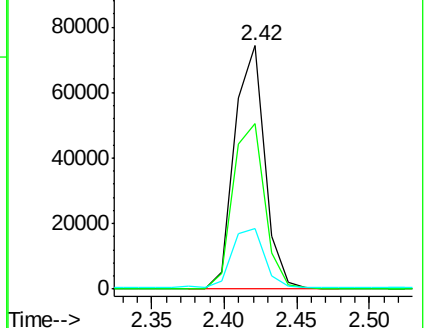
43 26.4 3.4 5.2#

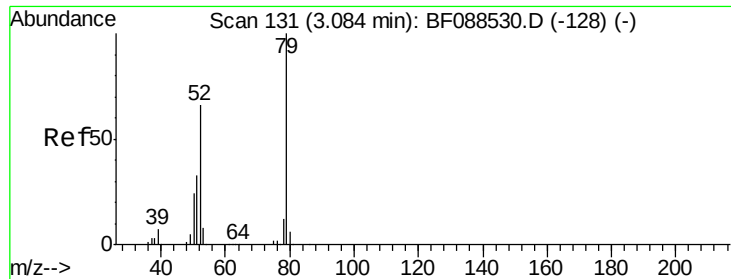


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 15.95 ng

RT: 3.10 min Scan# 132

Delta R.T. 0.01 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

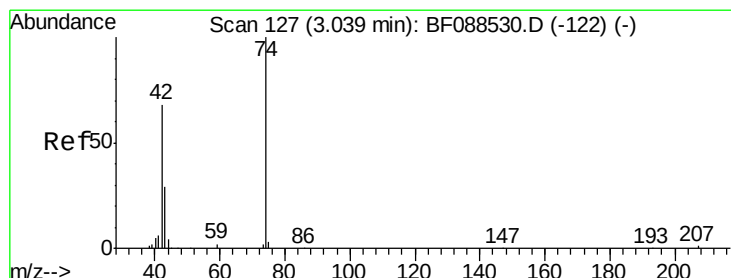
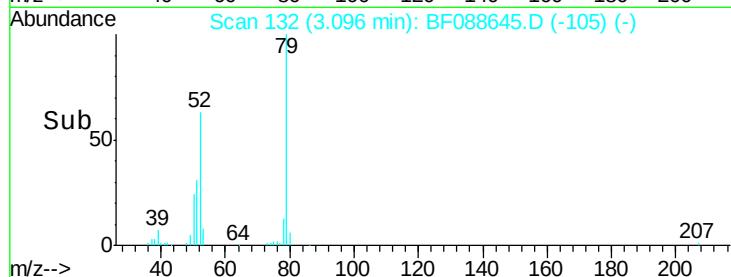
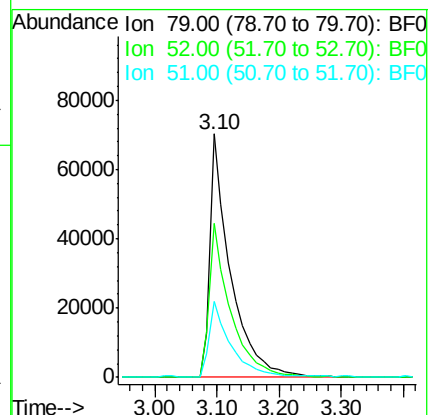
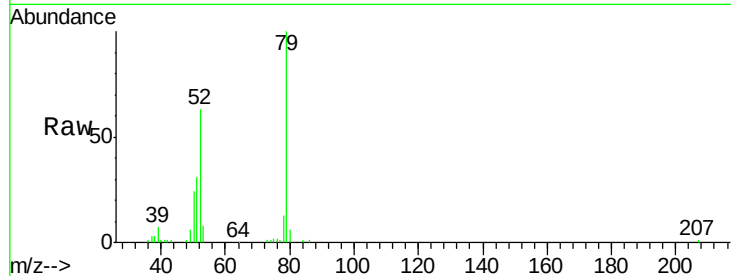
Tot Ion: 79 Resp: 160512

Ion Ratio Lower Upper

79 100

52 63.3 56.3 84.5

51 31.0 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 18.21 ng

RT: 3.04 min Scan# 127

Delta R.T. -0.00 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

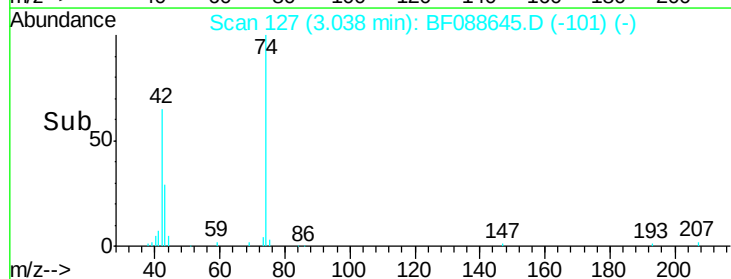
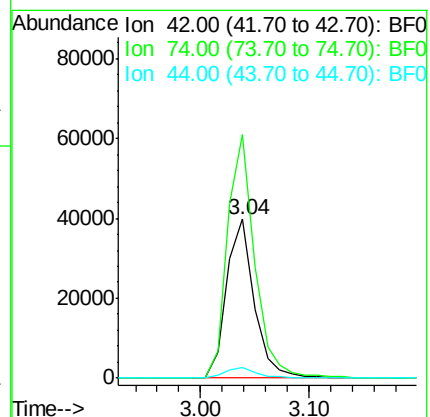
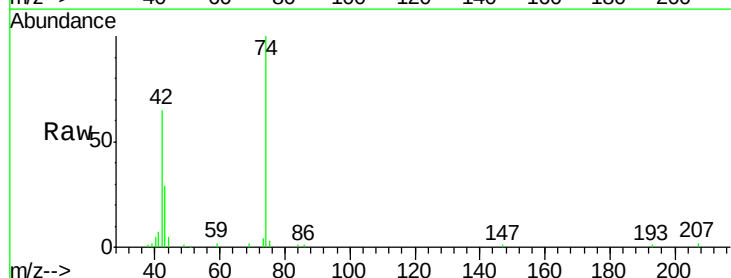
Tgt Ion: 42 Resp: 69992

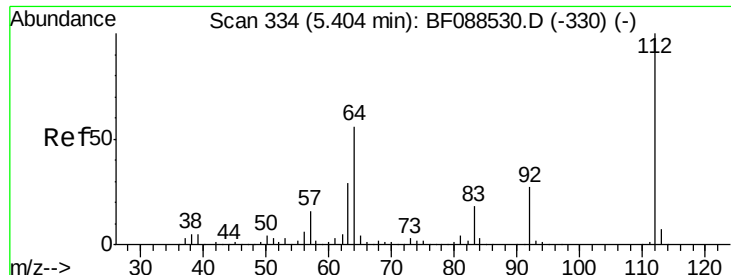
Ion Ratio Lower Upper

42 100

74 153.6 108.6 163.0

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 120.79 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampled :

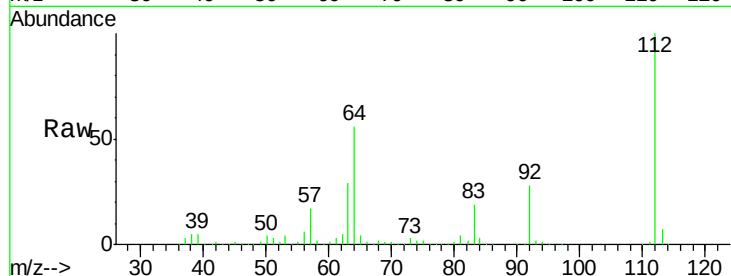
Tot Ion:112 Resp: 844696

Ion Ratio Lower Upper

112 100

64 56.4 42.2 63.2

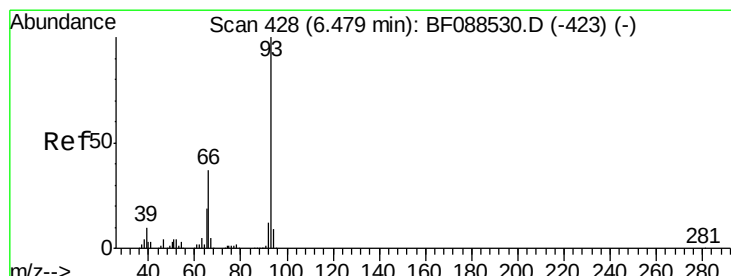
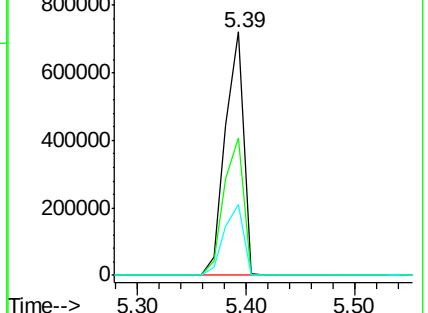
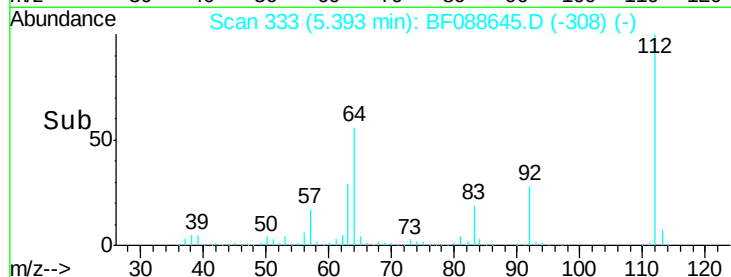
63 29.1 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.77 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

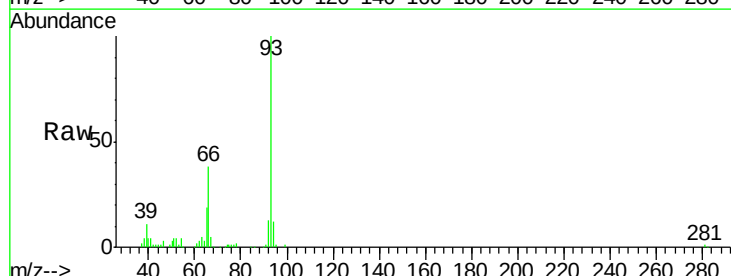
Tgt Ion: 93 Resp: 155002

Ion Ratio Lower Upper

93 100

66 38.4 29.8 44.8

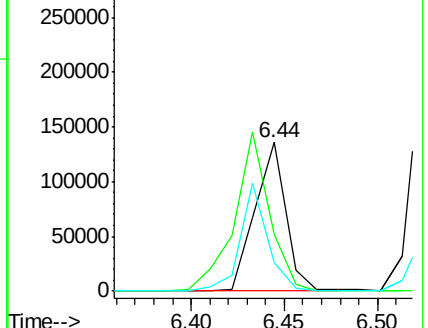
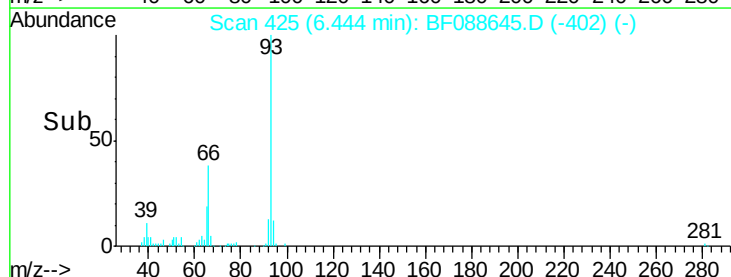
65 19.3 14.9 22.3

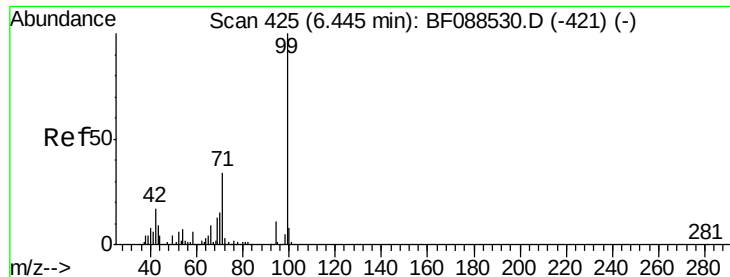


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 105.75 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampled :

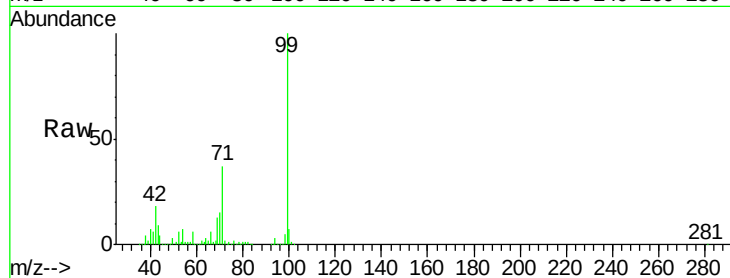
Tot Ion: 99 Resp: 955549

Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

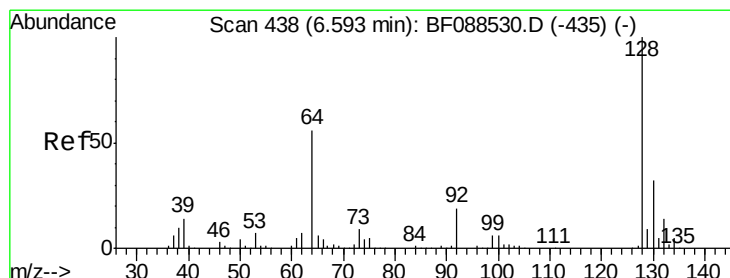
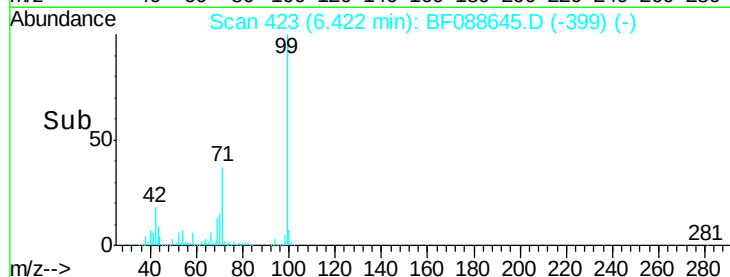
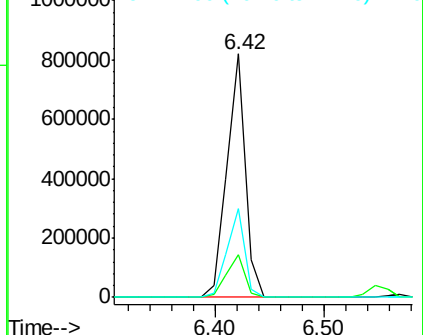
71 36.6 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 22.88 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

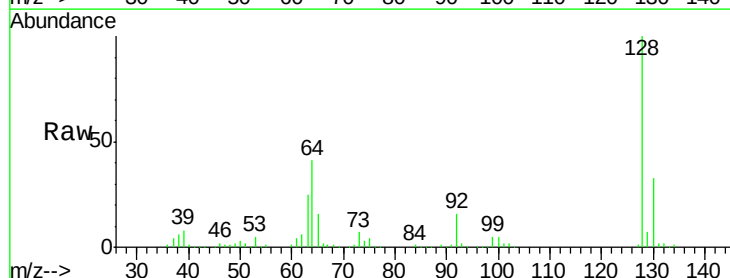
Tgt Ion:128 Resp: 171970

Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

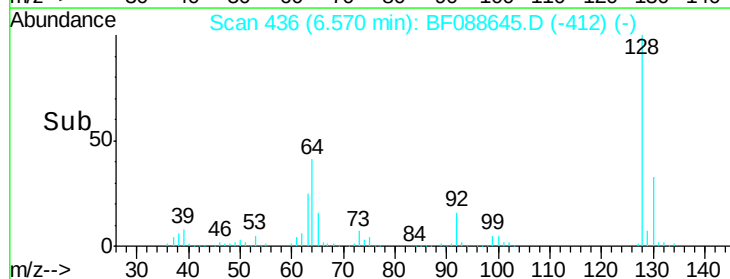
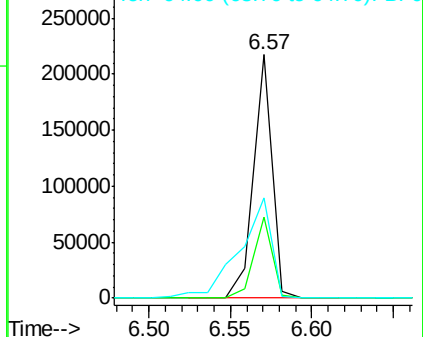
64 41.3 30.8 70.8

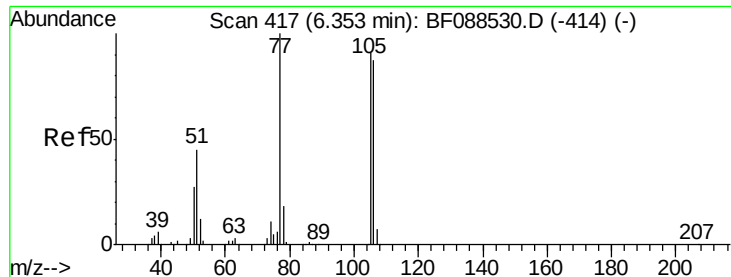


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.54 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

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ClientSampleId :

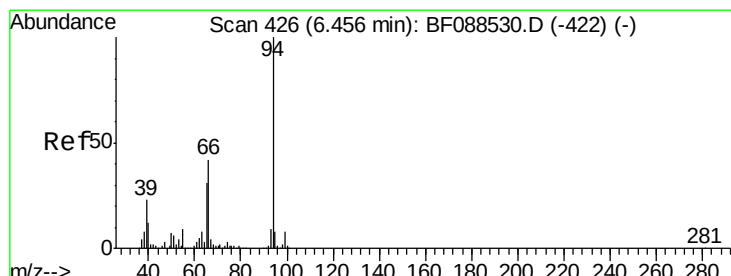
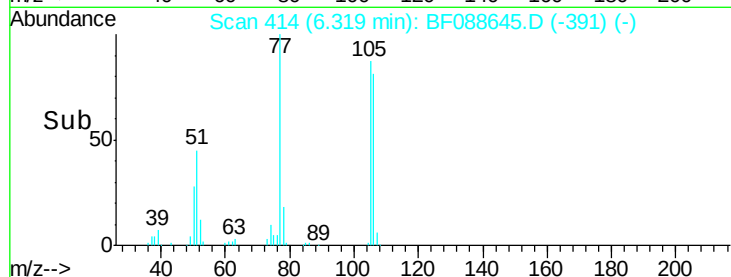
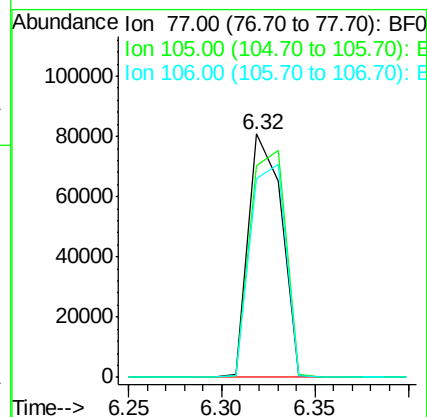
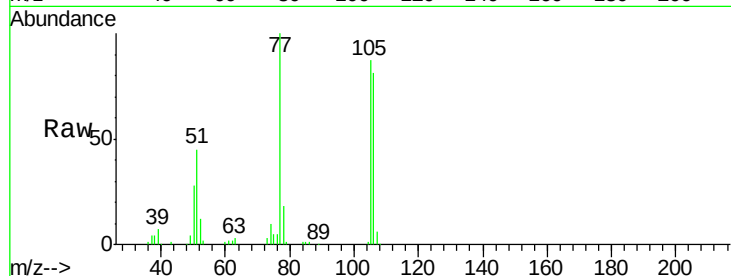
Tot Ion: 77 Resp: 101248

Ion Ratio Lower Upper

77 100

105 86.8 90.6 130.6#

106 81.5 85.3 125.3#



#10

Phenol

Concen: 22.40 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

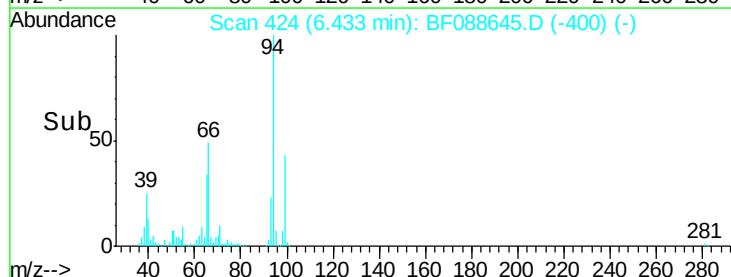
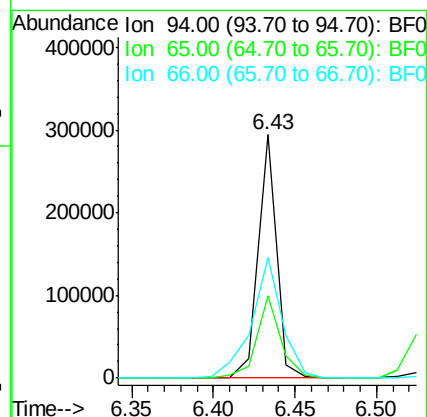
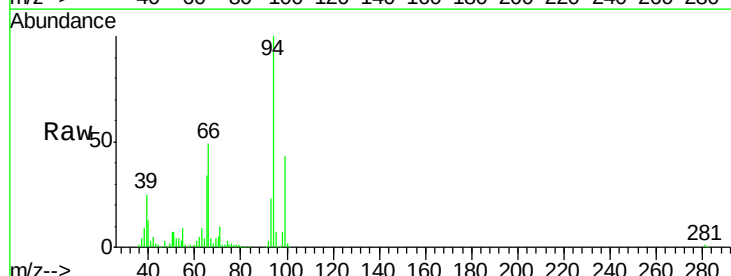
Tgt Ion: 94 Resp: 230967

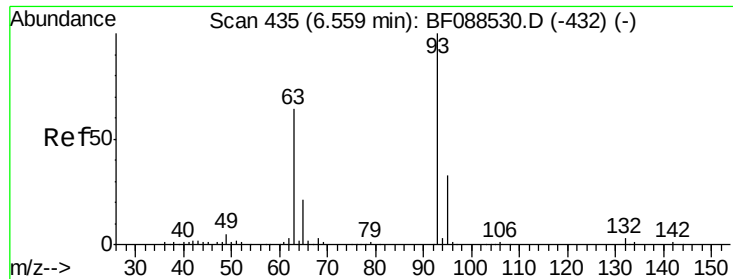
Ion Ratio Lower Upper

94 100

65 33.7 5.9 45.9

66 49.4 14.0 54.0

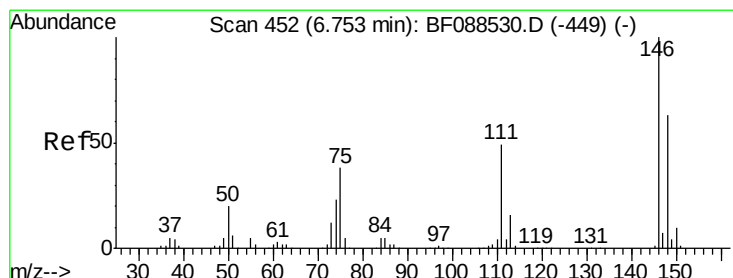
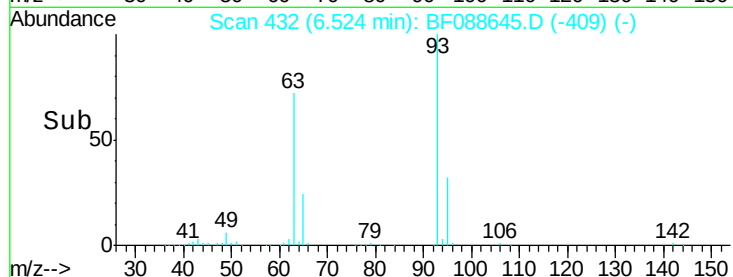
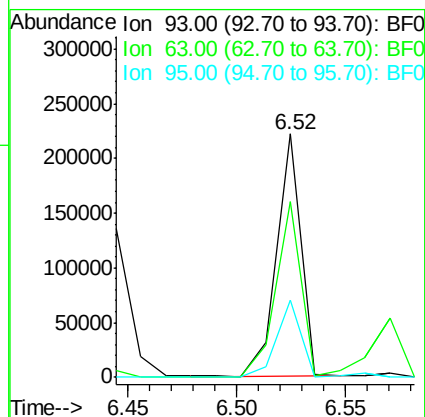
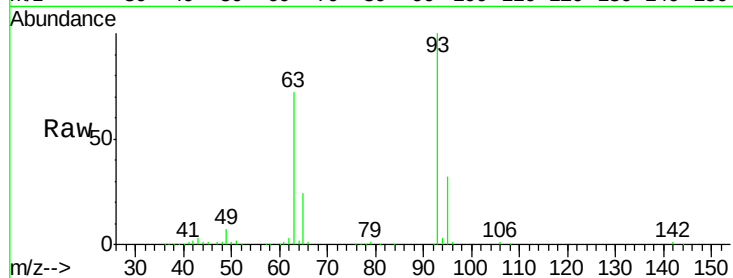




#11
bis(2-Chloroethyl)ether
Concen: 22.71 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

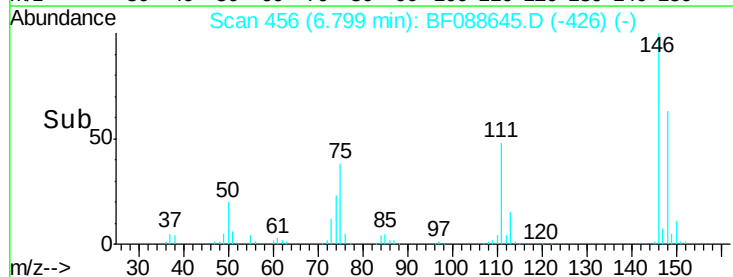
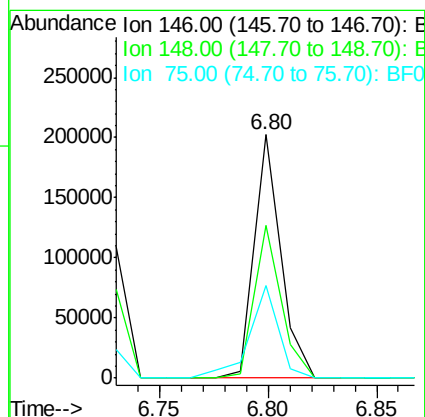
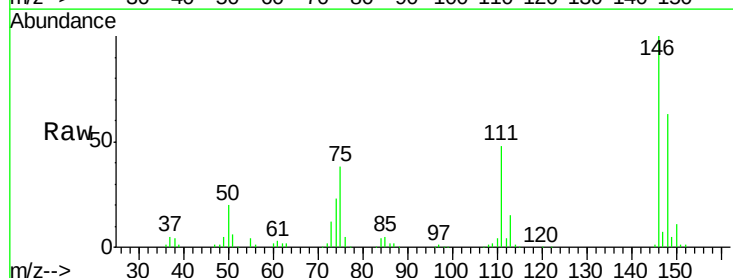
Instrument :
BNA_F
ClientSampled :

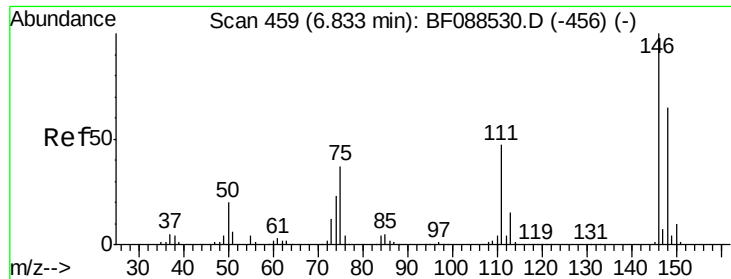
Tot Ion: 93 Resp: 174617
Ion Ratio Lower Upper
93 100
63 72.0 67.6 107.6
95 31.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 20.73 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.05 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion: 146 Resp: 171465
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
75 37.9 25.6 38.4

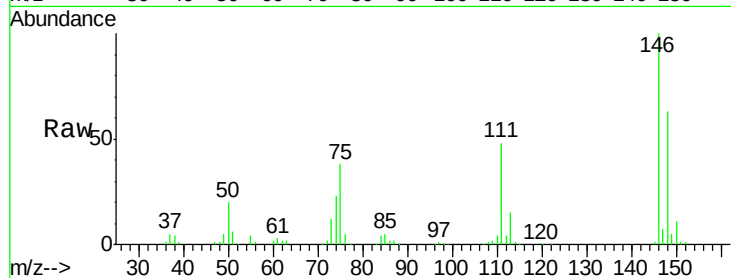




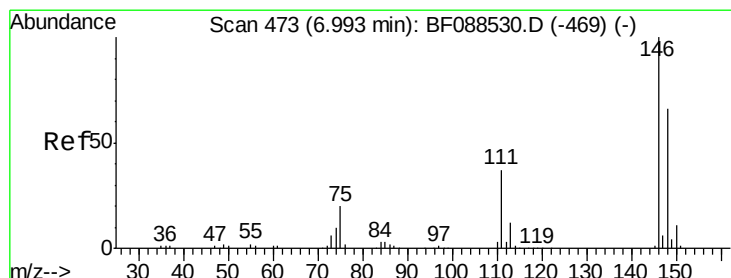
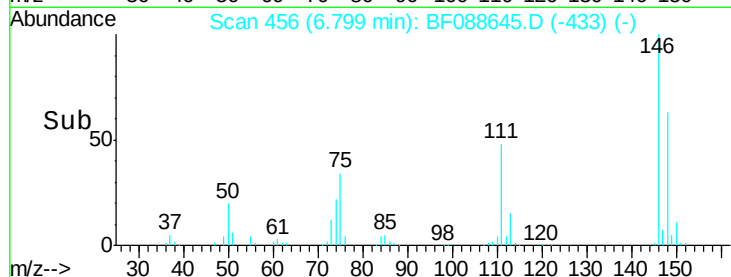
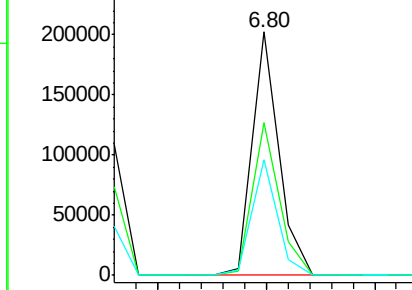
#13
 1,4-Dichlorobenzene
 Concen: 20.89 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 171465
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.0 78.0
 111 47.7 33.8 50.8

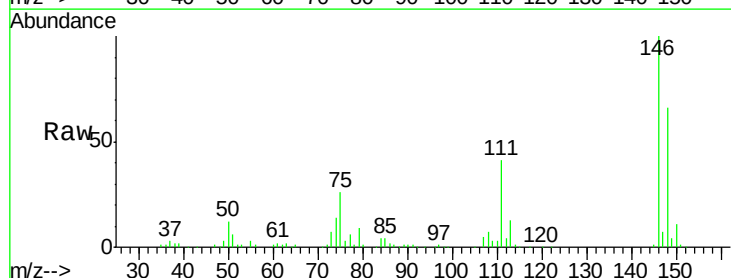


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

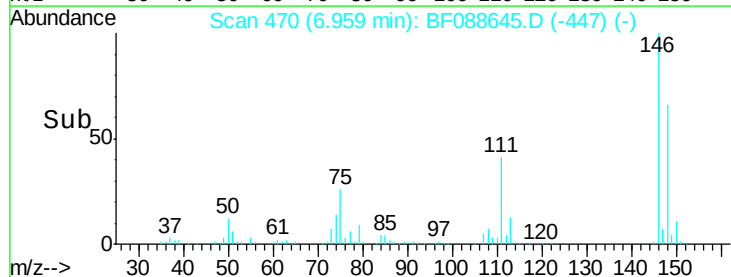
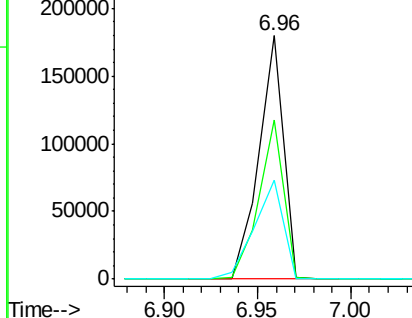


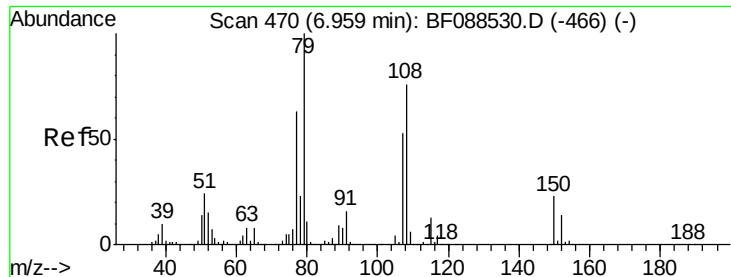
#14
 1,2-Dichlorobenzene
 Concen: 21.19 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion:146 Resp: 162802
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.3 78.5
 111 40.8 28.7 43.1



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





#15

Benzyl Alcohol

Concen: 22.16 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

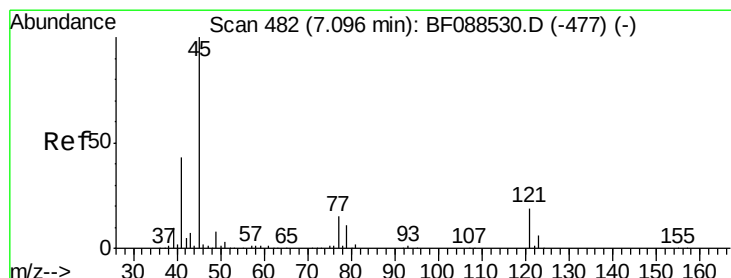
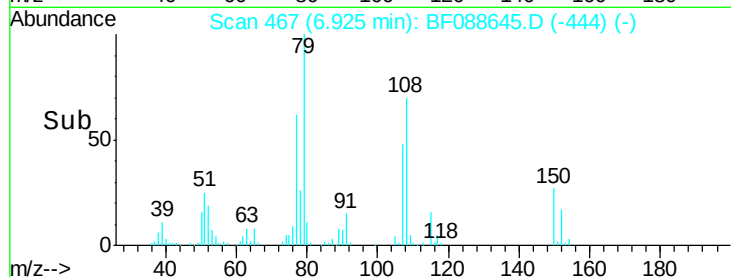
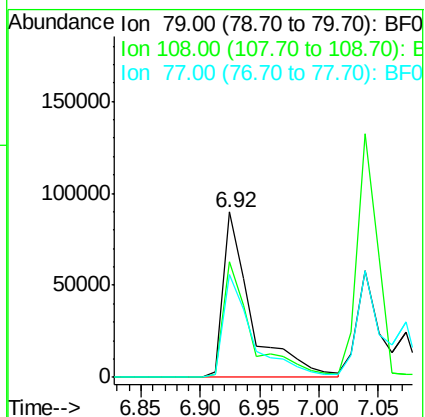
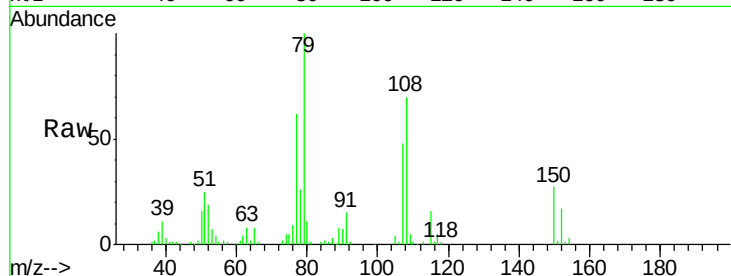
Tot Ion: 79 Resp: 147384

Ion Ratio Lower Upper

79 100

108 69.8 65.0 97.6

77 62.5 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 19.90 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

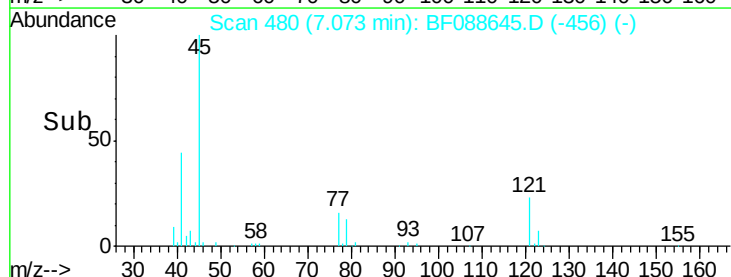
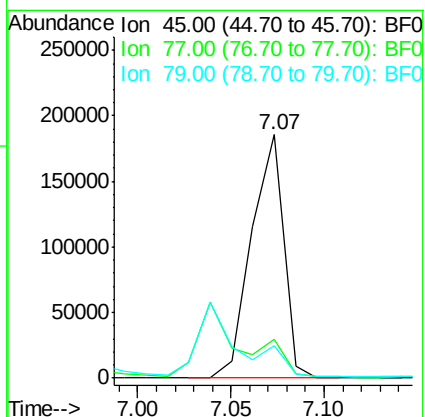
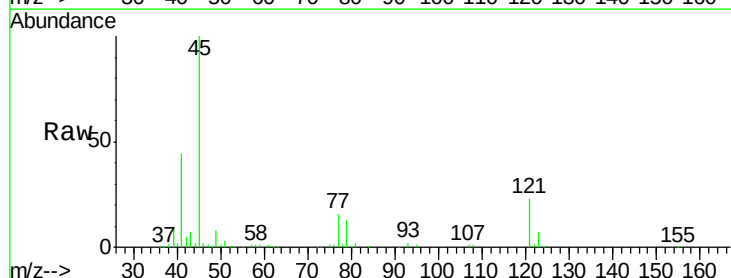
Tgt Ion: 45 Resp: 221675

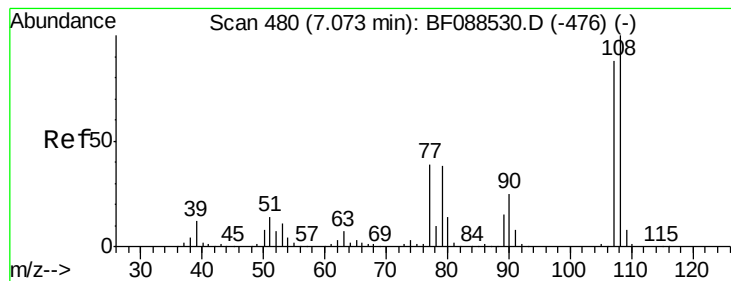
Ion Ratio Lower Upper

45 100

77 16.1 0.0 32.5

79 13.4 0.0 29.5

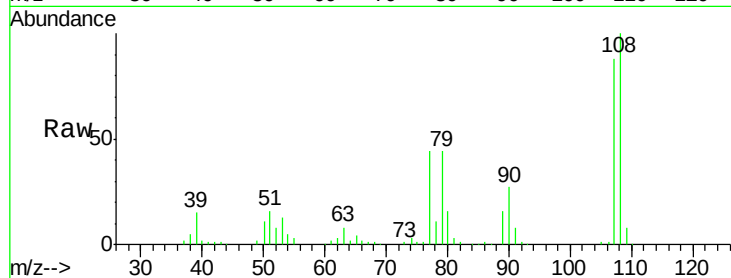




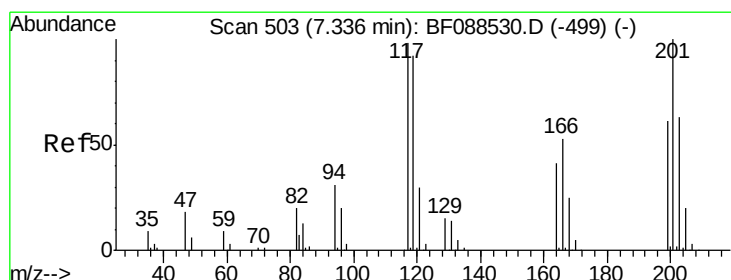
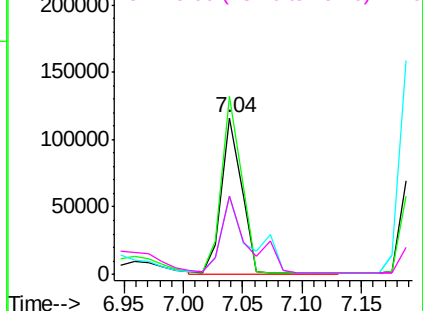
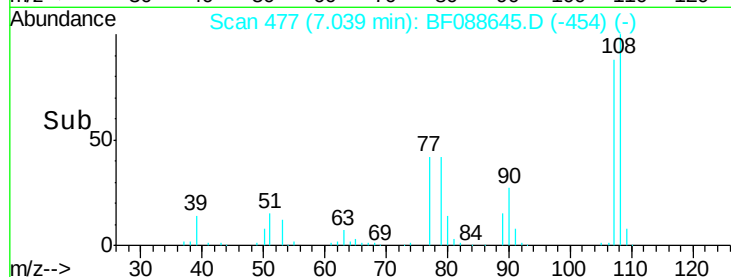
#17
2-Methylphenol
Concen: 22.85 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 140078
Ion Ratio Lower Upper
107 100
108 113.5 90.9 136.3
77 49.8 36.6 55.0
79 49.9 36.5 54.7

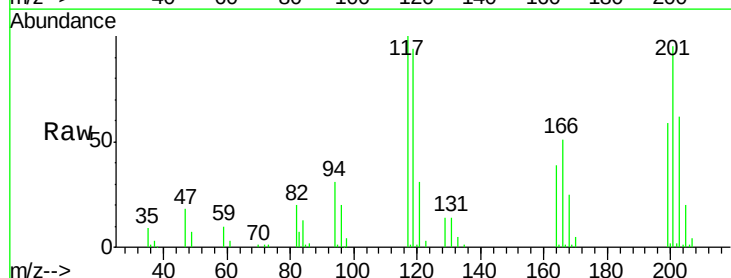


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

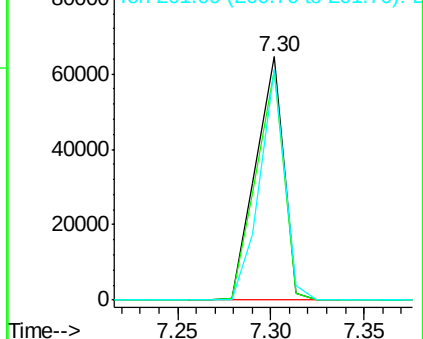
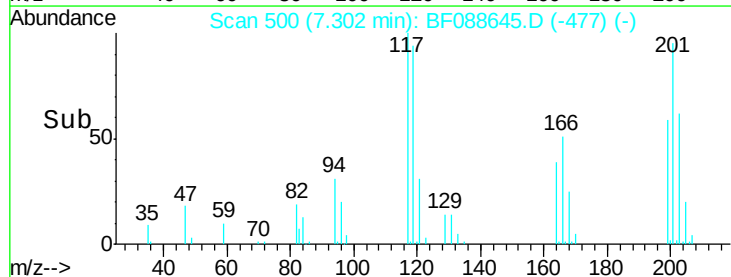


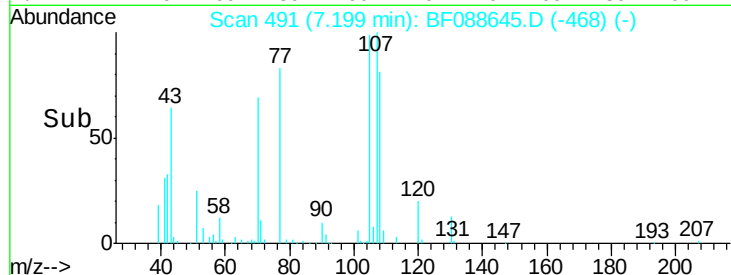
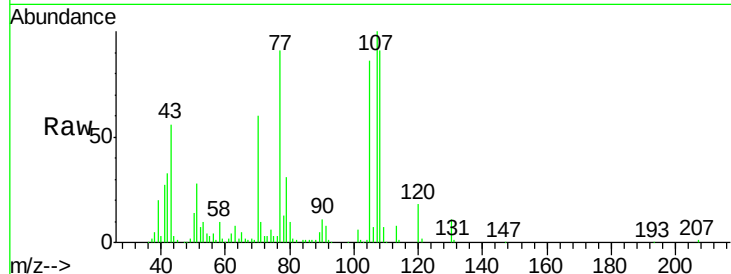
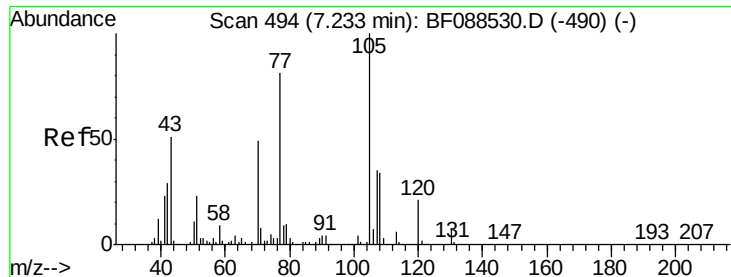
#18
Hexachloroethane
Concen: 21.14 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion:117 Resp: 67131
Ion Ratio Lower Upper
117 100
119 94.1 77.4 116.2
201 95.0 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

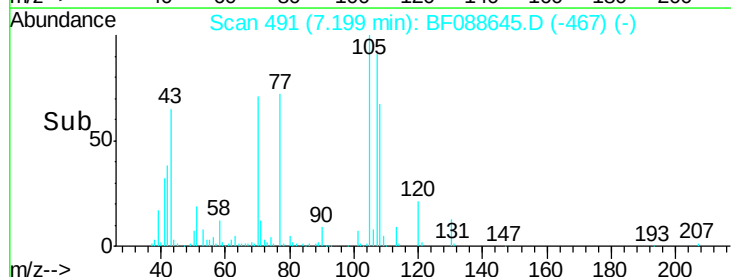
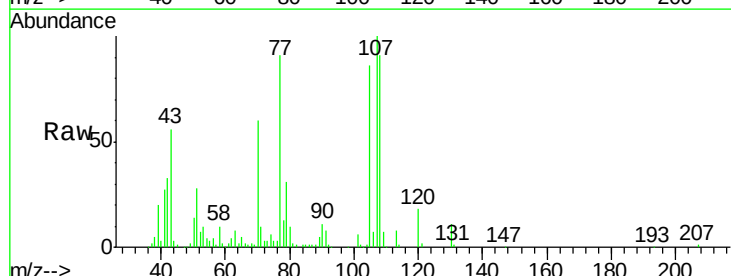
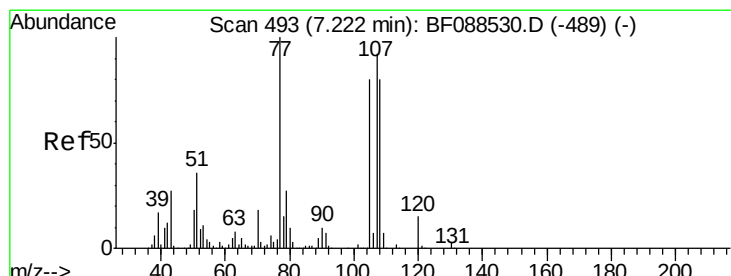
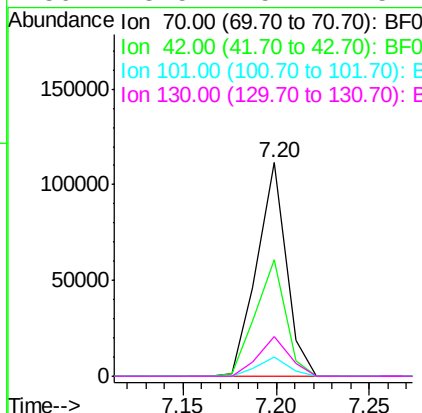




#19
n-Nitroso-di-n-propylamine
Concen: 20.13 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

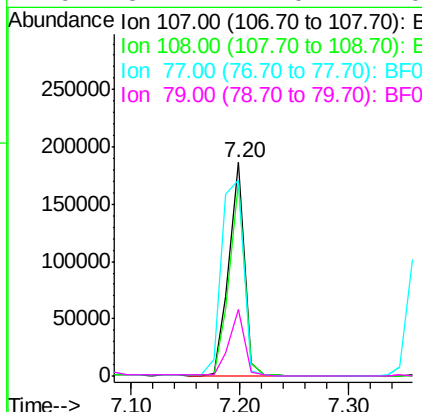
Instrument :
BNA_F
ClientSampleId :

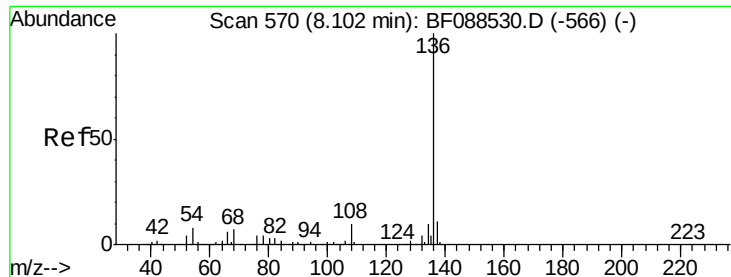
Tot Ion: 70 Resp: 122172
Ion Ratio Lower Upper
70 100
42 54.6 49.6 74.4
101 9.2 7.1 10.7
130 18.5 15.4 23.2



#20
3+4-Methylphenols
Concen: 25.43 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion:107 Resp: 187101
Ion Ratio Lower Upper
107 100
108 90.7 67.8 107.8
77 91.4 59.3 99.3
79 31.1 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 417798

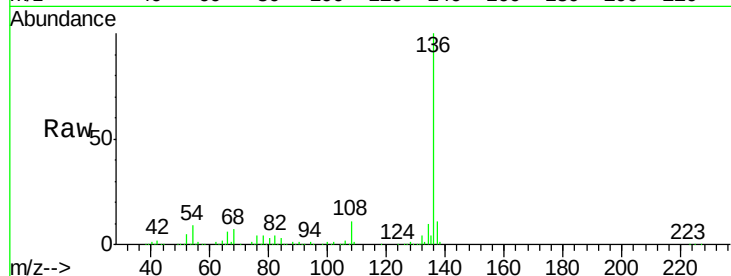
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.6 6.6 10.0

68 7.3 5.1 7.7

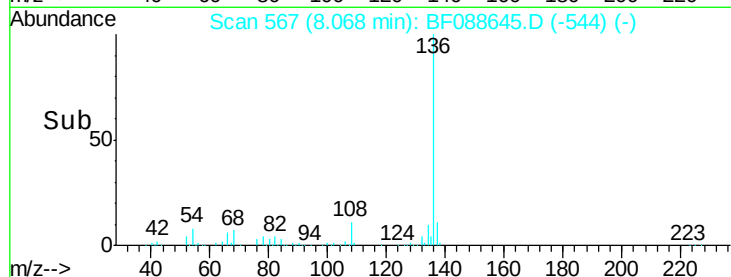


Abundance Ion 136.00 (135.70 to 136.70): E

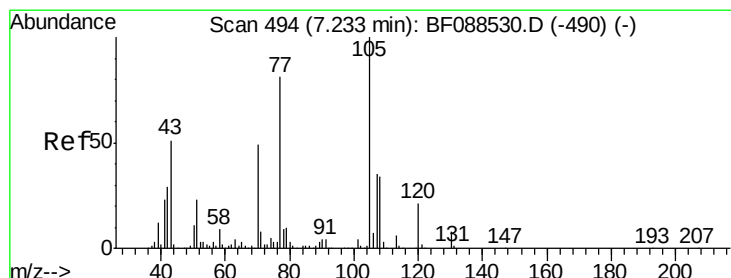
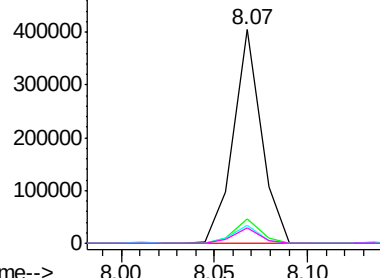
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 23.24 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.05 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Tgt Ion:105 Resp: 235641

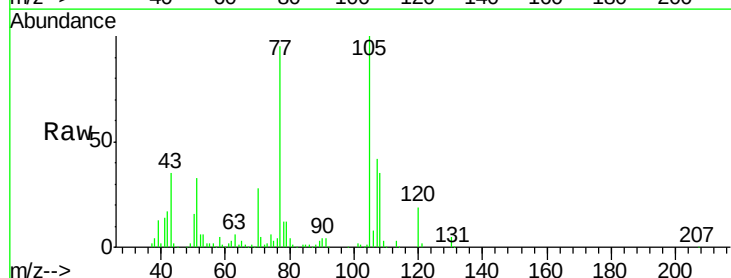
Ion Ratio Lower Upper

105 100

71 4.6 5.3 7.9#

51 32.7 18.2 27.4#

120 19.4 18.0 27.0

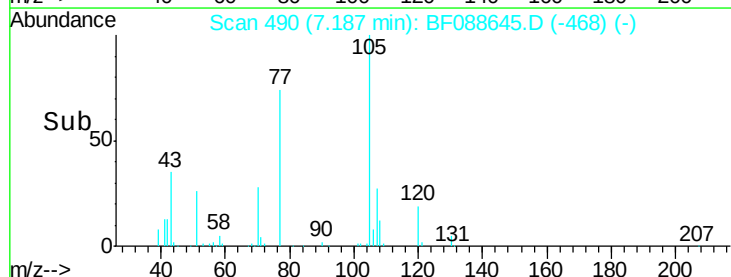


Abundance Ion 105.00 (104.70 to 105.70): E

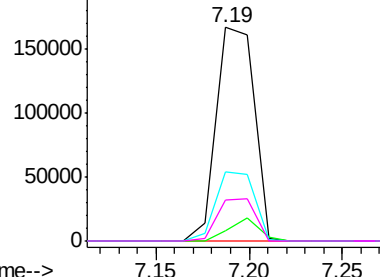
Ion 71.00 (70.70 to 71.70): BF0

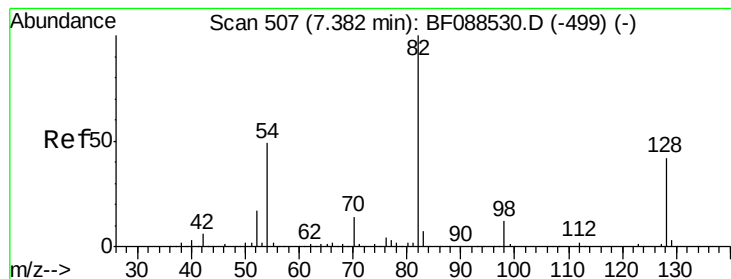
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 81.40 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

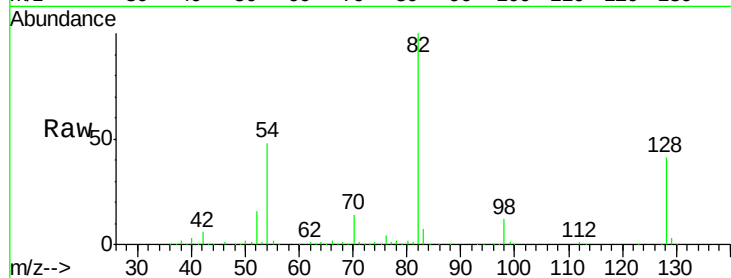
Tot Ion: 82 Resp: 648994

Ion Ratio Lower Upper

82 100

128 41.4 35.9 53.9

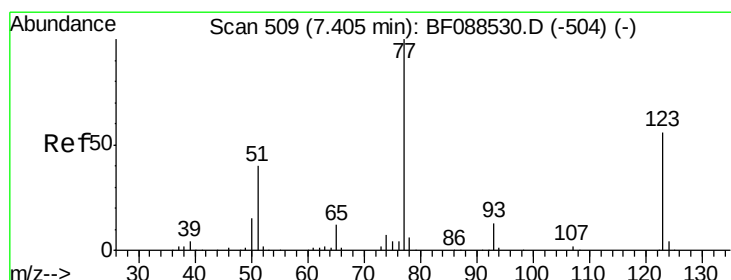
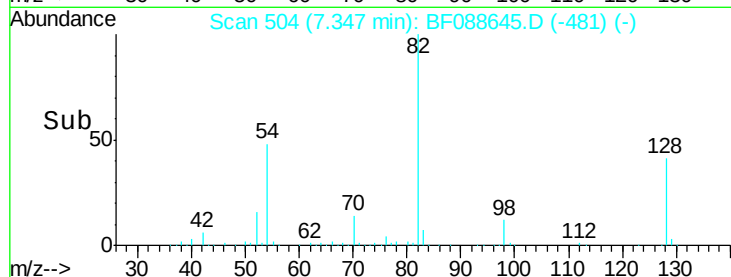
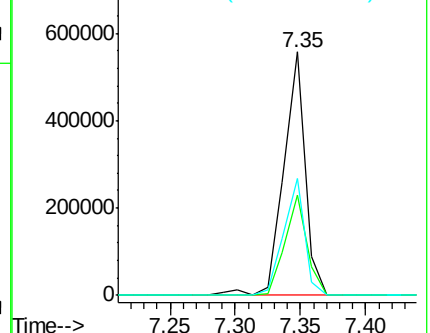
54 48.0 40.9 61.3



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: 23.11 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

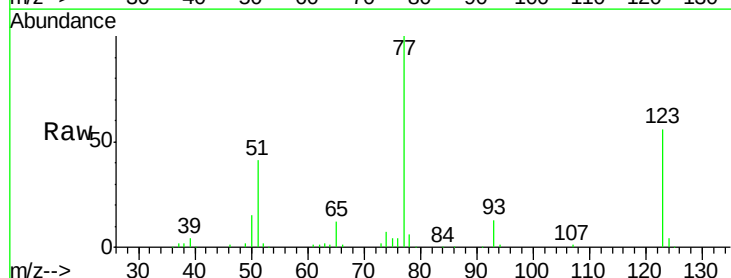
Tgt Ion: 77 Resp: 185761

Ion Ratio Lower Upper

77 100

123 55.5 45.0 67.4

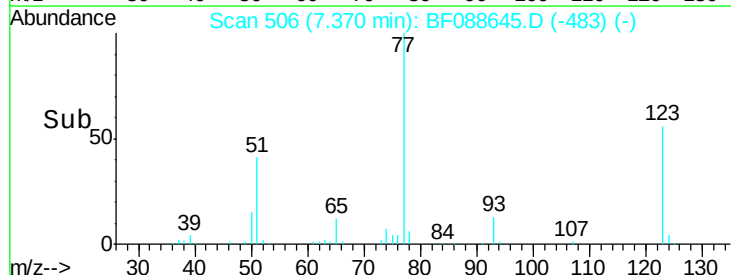
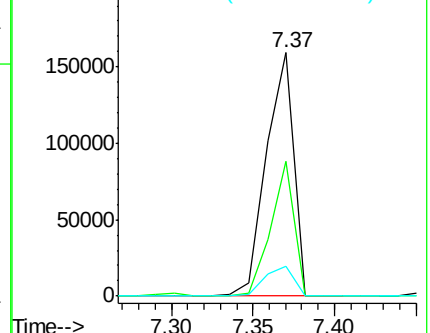
65 12.1 10.2 15.2

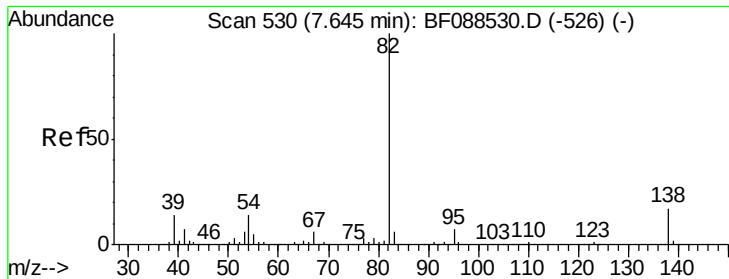


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 23.53 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

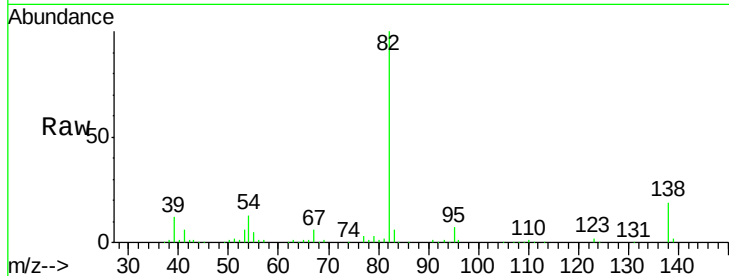
Tot Ion: 82 Resp: 347444

Ion Ratio Lower Upper

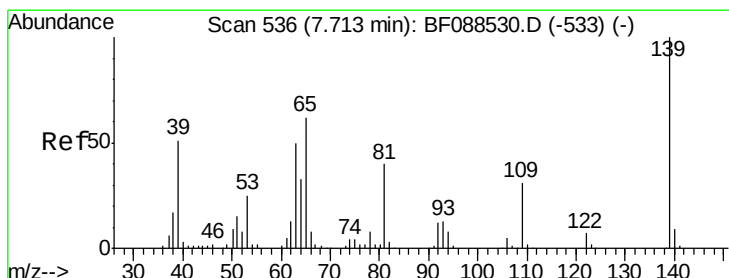
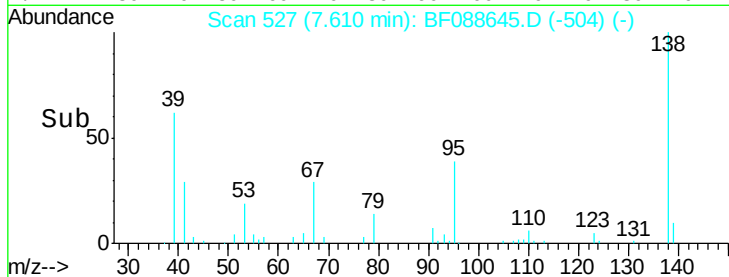
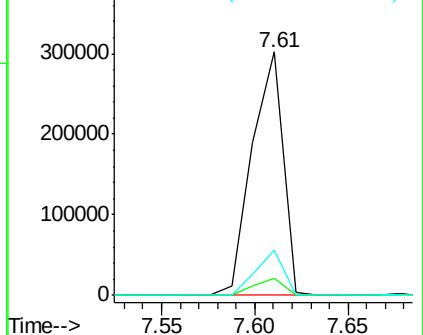
82 100

95 7.2 5.4 8.2

138 18.5 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: 24.08 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

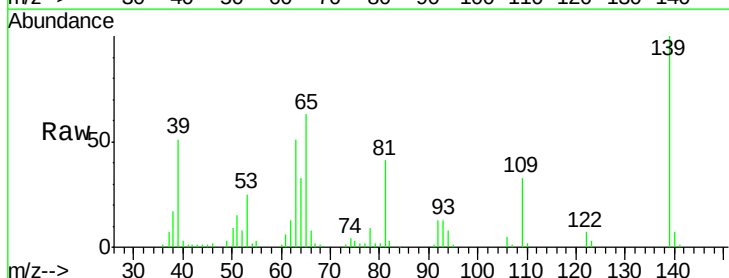
Tgt Ion: 139 Resp: 79386

Ion Ratio Lower Upper

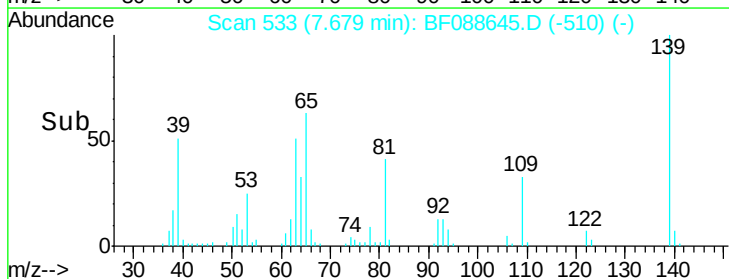
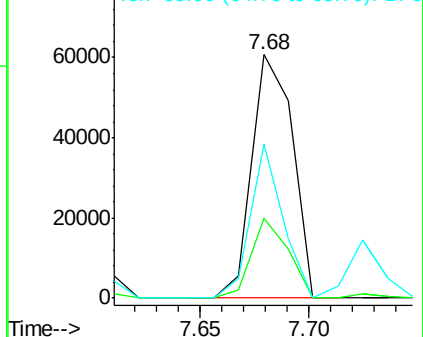
139 100

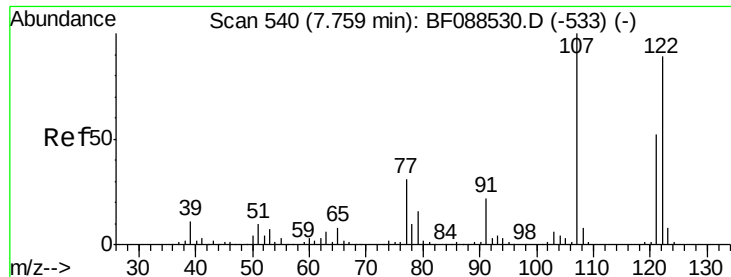
109 32.8 23.0 34.4

65 63.5 45.8 68.8



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

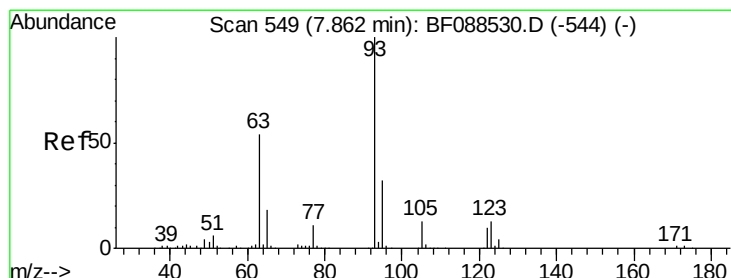
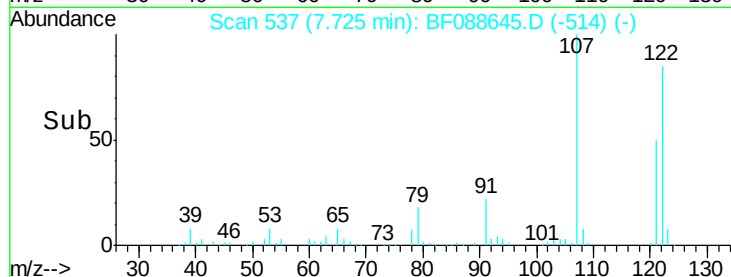
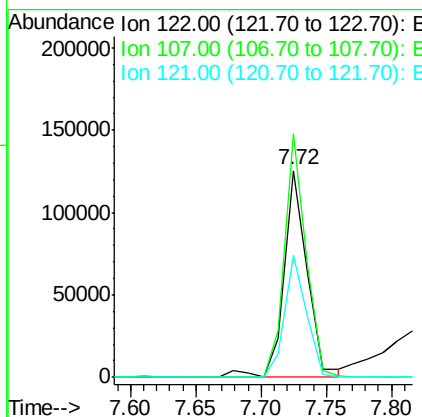
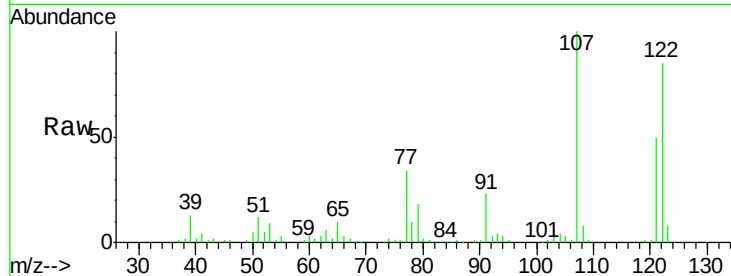




#27
 2,4-Dimethylphenol
 Concen: 23.08 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

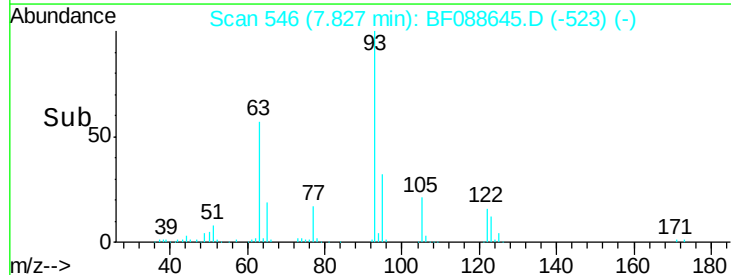
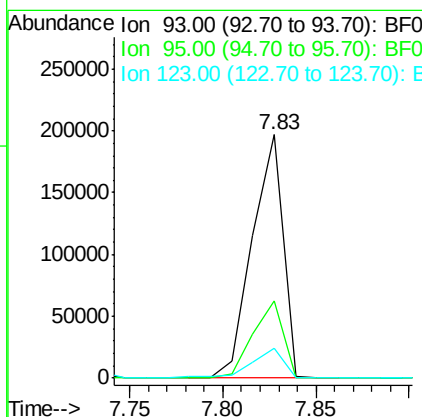
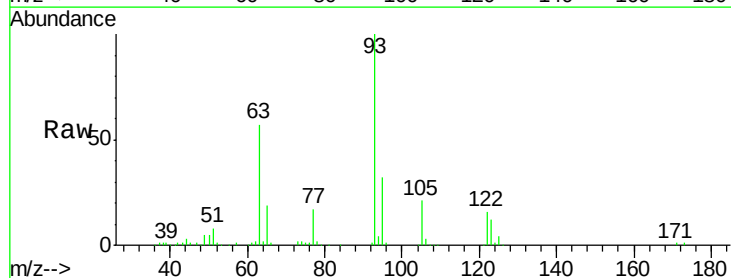
Instrument :
 BNA_F
 ClientSampleId :

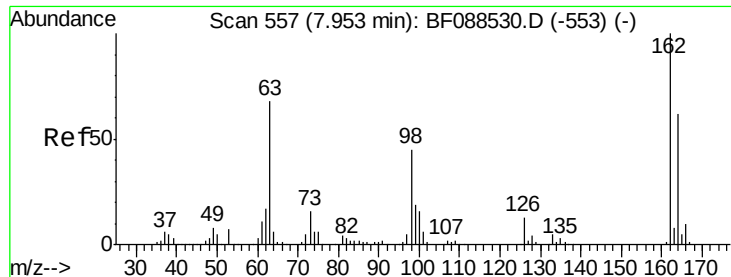
Tot Ion:122 Resp: 158424
 Ion Ratio Lower Upper
 122 100
 107 117.6 82.4 123.6
 121 59.2 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 23.32 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion: 93 Resp: 224129
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.5 39.7
 123 12.1 11.6 17.4

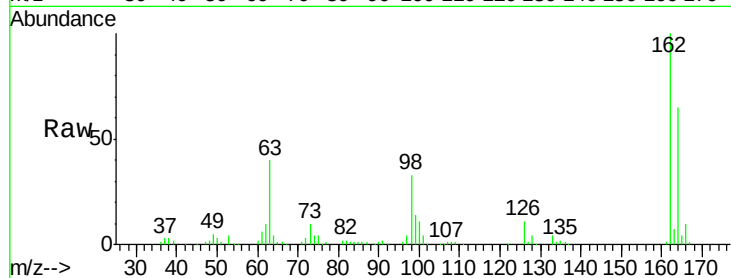




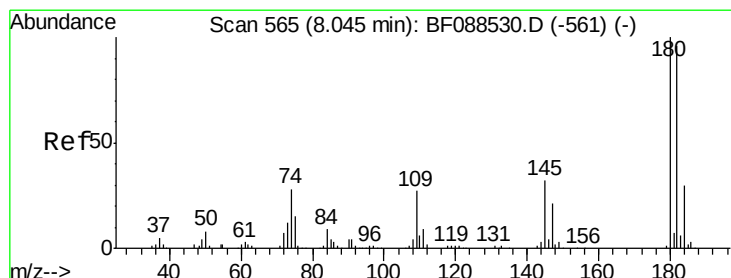
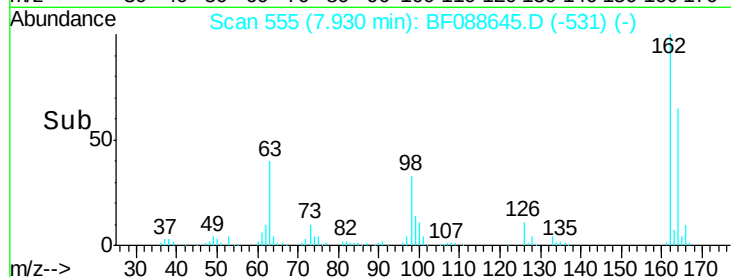
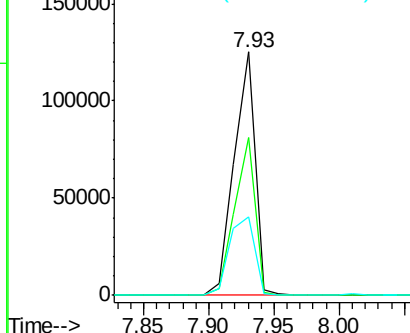
#29
 2,4-Dichlorophenol
 Concen: 25.10 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.02 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.8	83.8
98	32.5	21.3	61.3

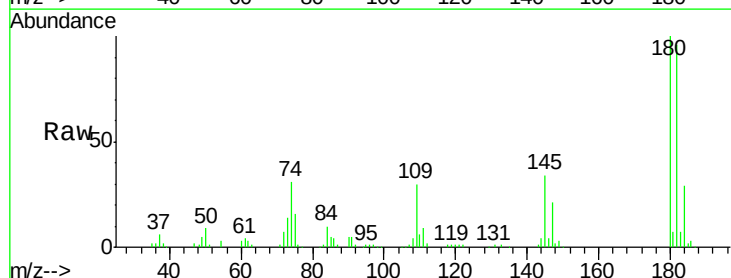


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

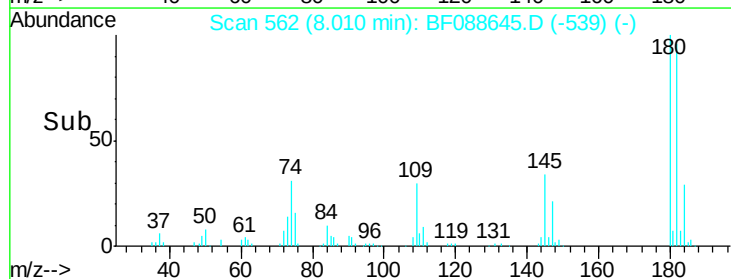
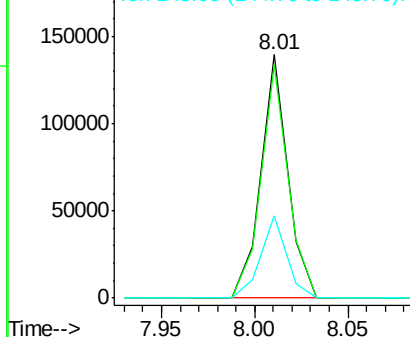


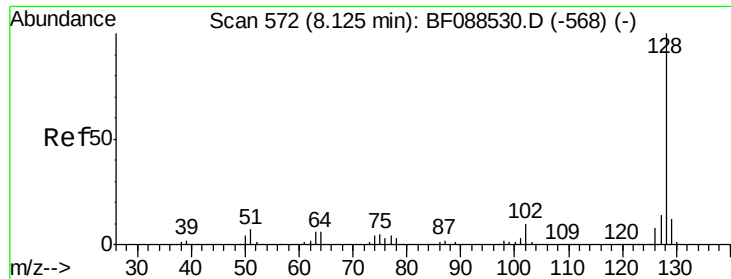
#30
 1,2,4-Trichlorobenzene
 Concen: 22.73 ng
 RT: 8.01 min Scan# 562
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.0	114.0
145	33.9	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

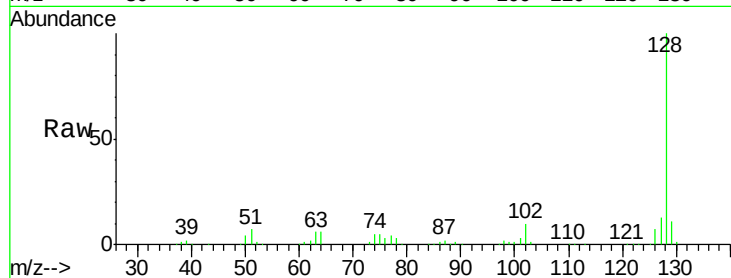




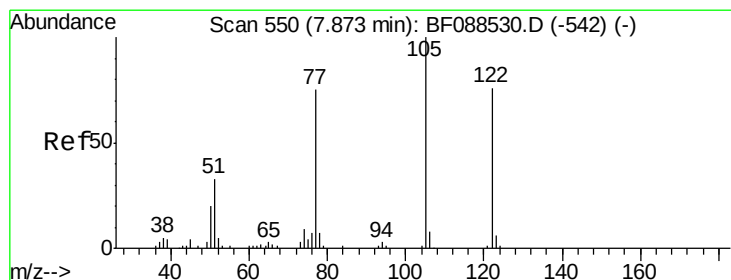
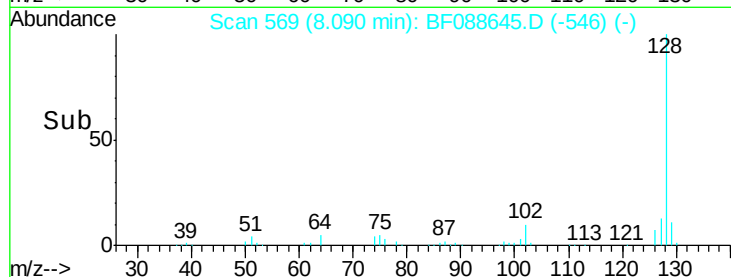
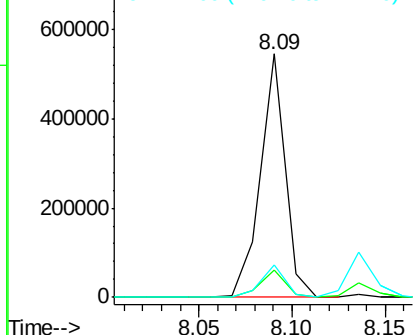
#31
Naphthalene
Concen: 24.20 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 498403
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 13.3 10.9 16.3

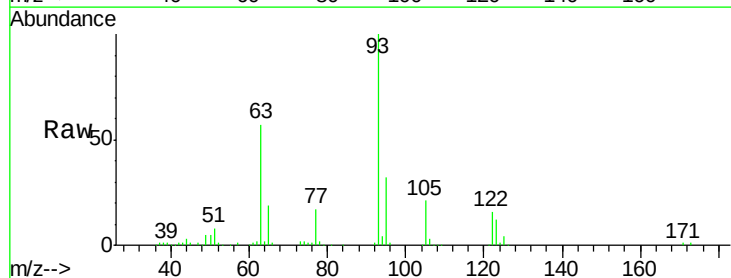


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

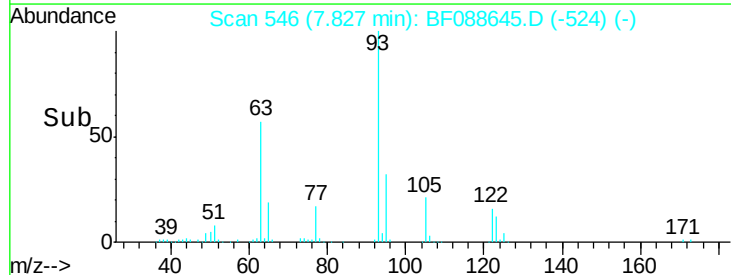
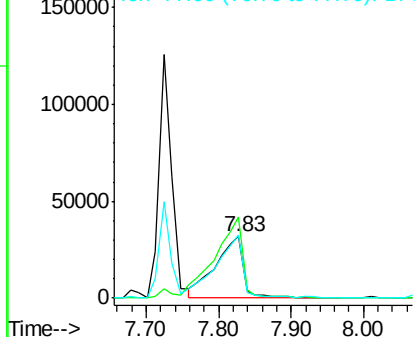


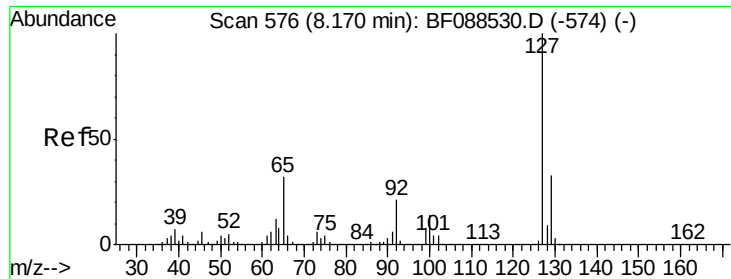
#32
Benzoic acid
Concen: 17.42 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.05 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion:122 Resp: 86853
Ion Ratio Lower Upper
122 100
105 131.0 101.6 141.6
77 102.1 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

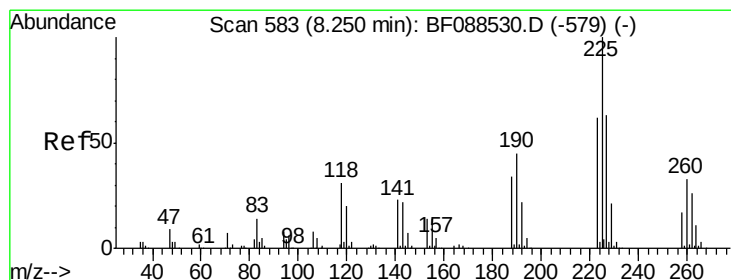
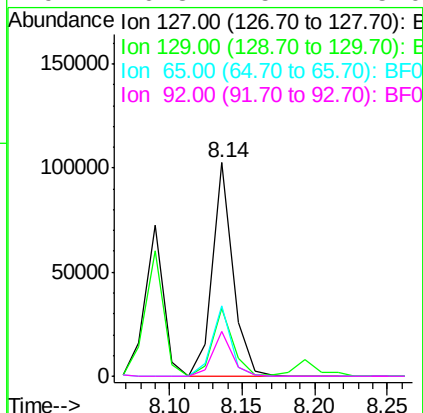
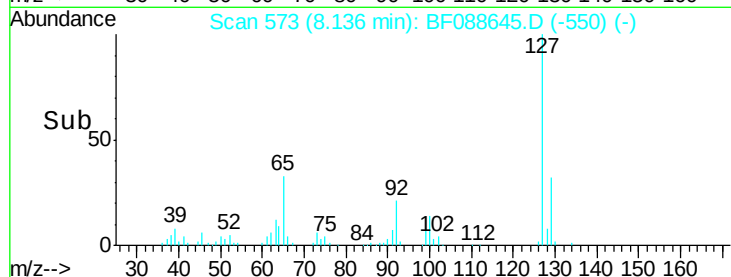
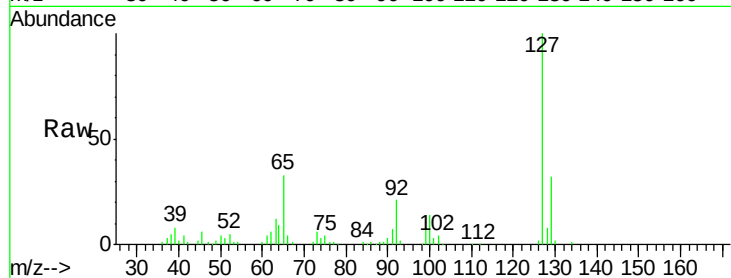




#33
4-Chloroaniline
Concen: 11.02 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

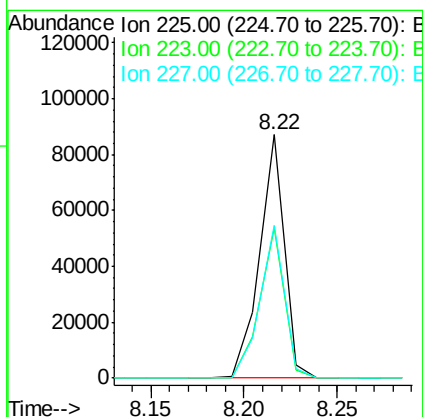
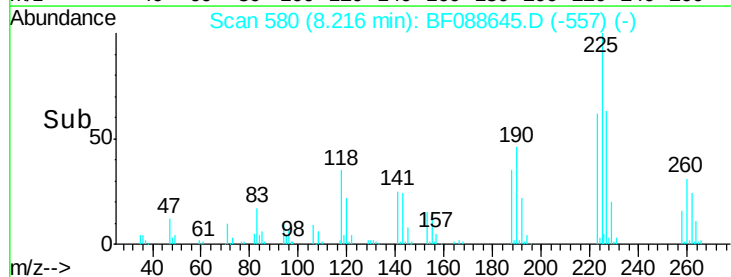
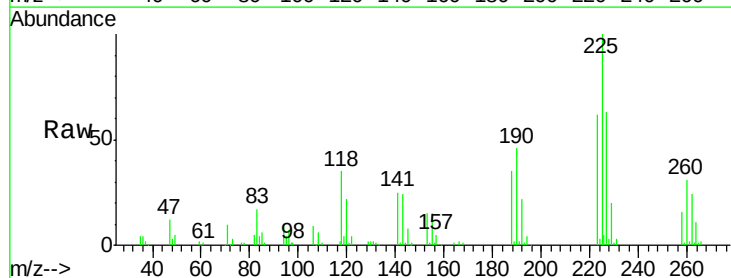
Instrument :
BNA_F
ClientSampleId :

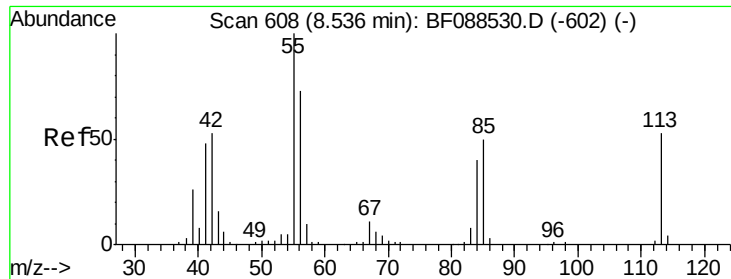
Tot Ion:	127	Resp:	100948
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	33.1	24.7	37.1
92	20.8	15.4	23.0



#34
Hexachlorobutadiene
Concen: 24.34 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion:	225	Resp:	79359
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.9	76.3
227	63.0	51.9	77.9

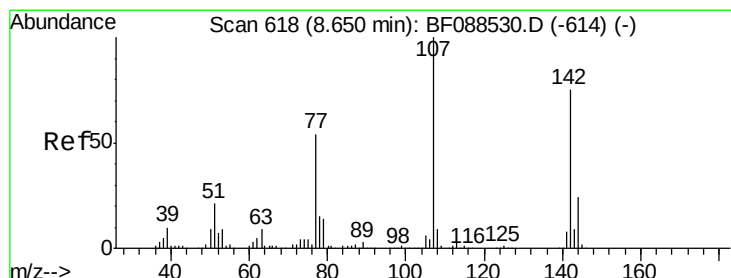
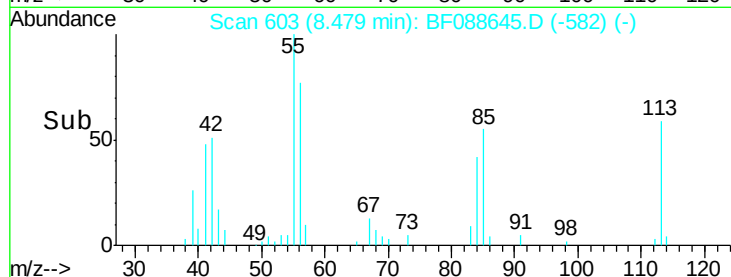
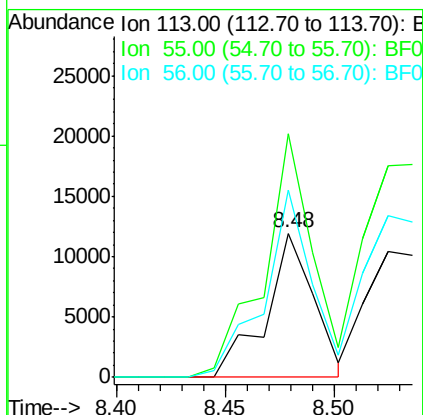
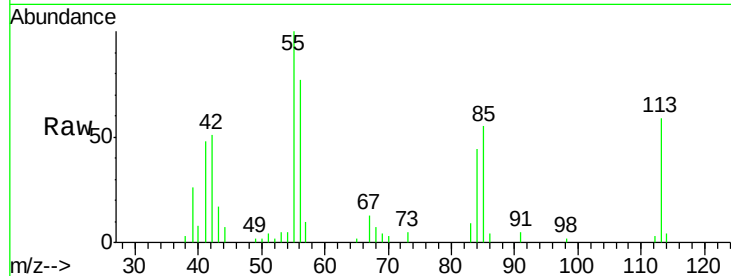




#35
 Caprolactam
 Concen: 9.84 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.06 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

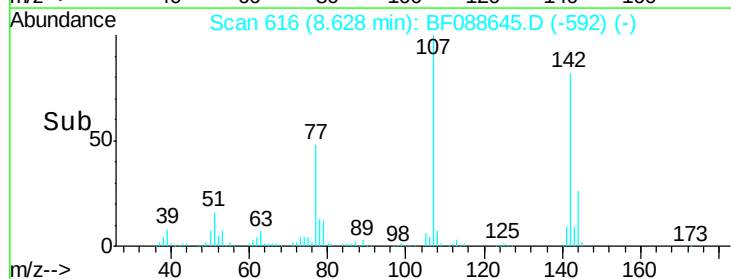
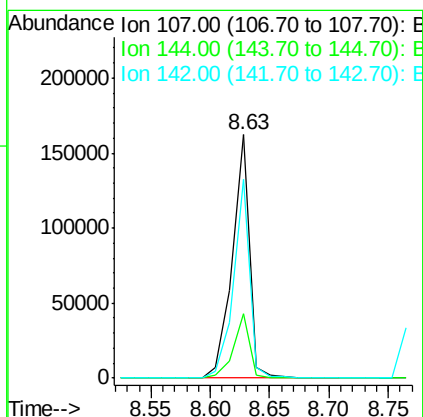
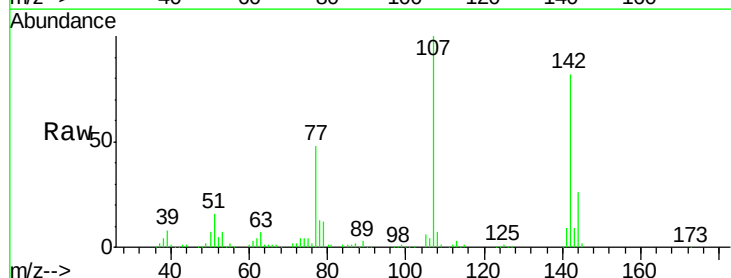
Instrument :
 BNA_F
 ClientSampled :

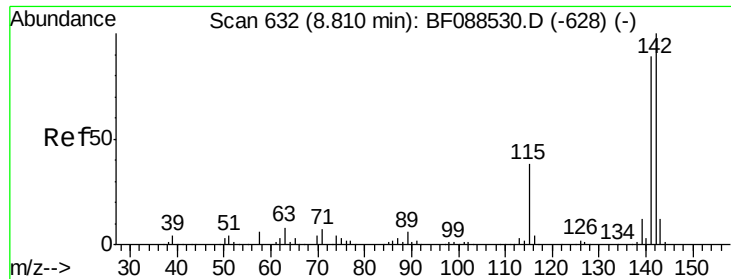
Tot Ion:113 Resp: 18537
 Ion Ratio Lower Upper
 113 100
 55 169.1 158.6 198.6
 56 130.0 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 24.96 ng
 RT: 8.63 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion:107 Resp: 163785
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.8 31.2
 142 81.9 63.4 95.2

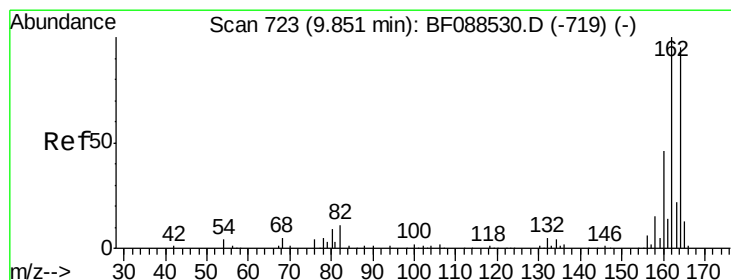
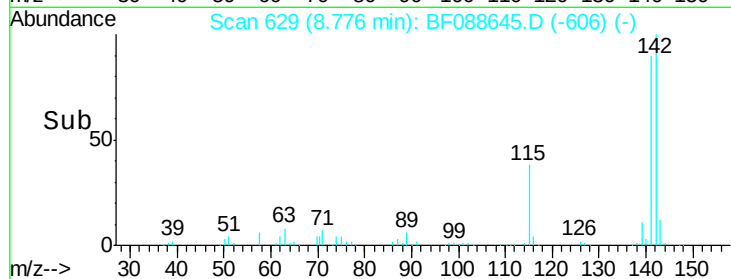
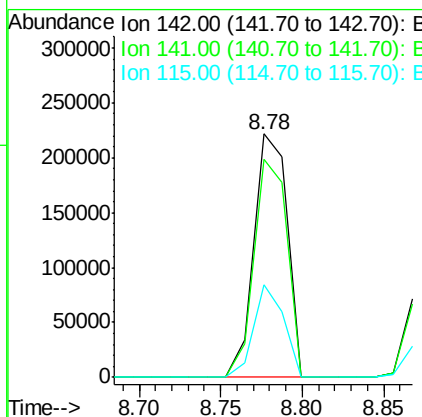
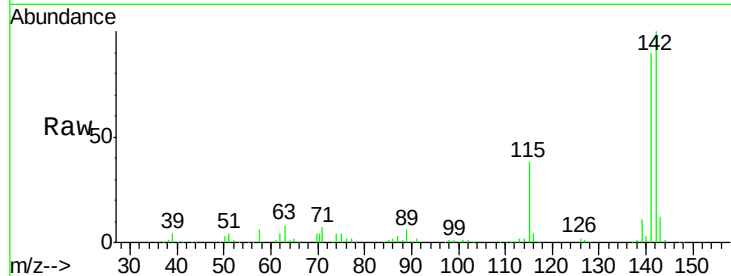




#37
 2-Methylnaphthalene
 Concen: 23.65 ng
 RT: 8.78 min Scan# 629
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

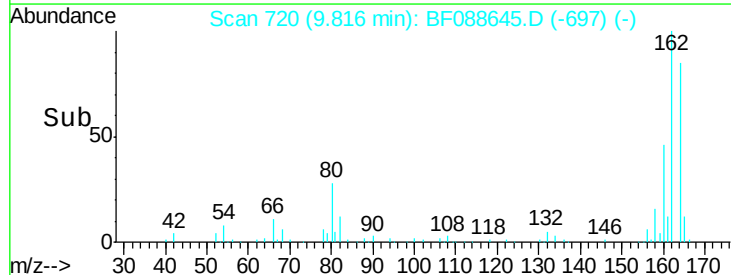
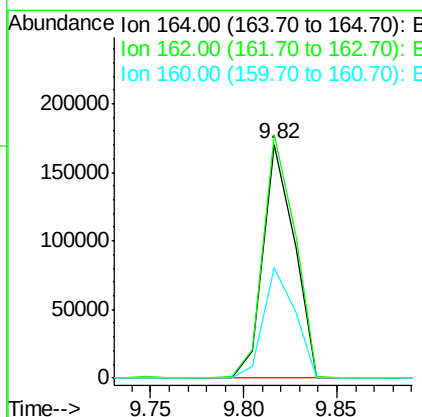
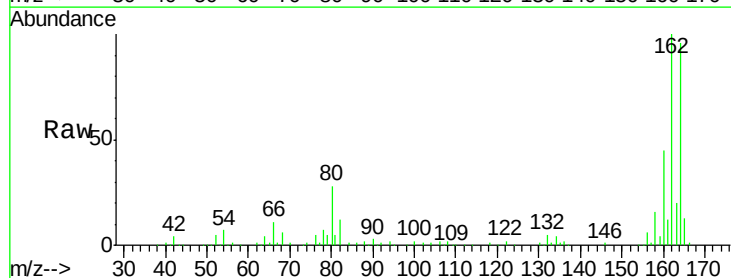
Instrument :
 BNA_F
 ClientSampled :

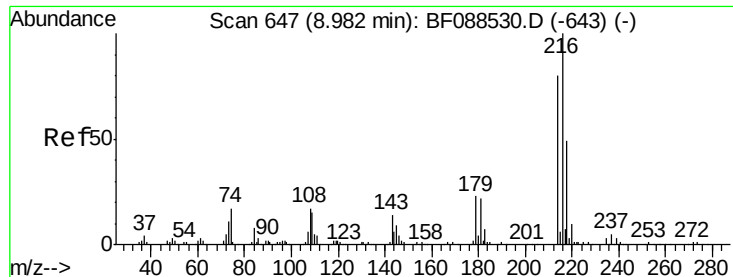
Tot Ion:142 Resp: 313632
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.0 106.6
 115 37.9 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion:164 Resp: 196533
 Ion Ratio Lower Upper
 164 100
 162 104.1 85.4 128.2
 160 47.0 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.88 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 123396

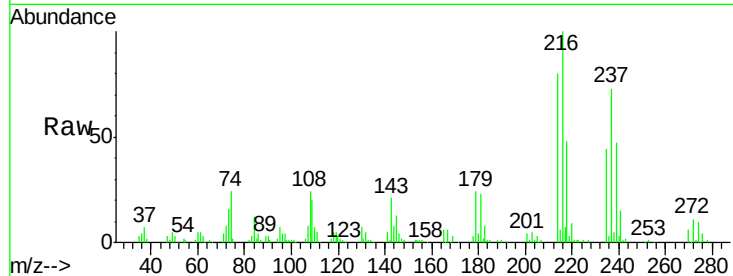
Ion Ratio Lower Upper

216 100

214 79.6 2.9 4.3#

179 23.7 0.0 0.0#

108 29.4 0.5 0.7#

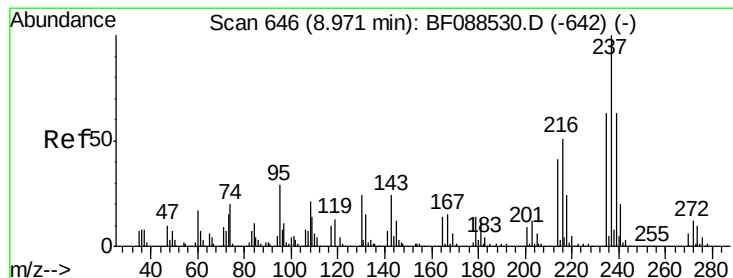
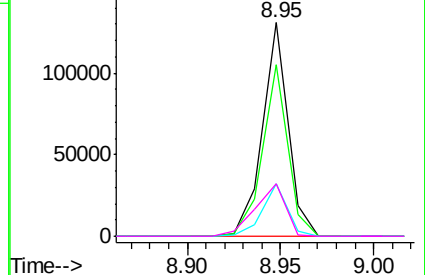
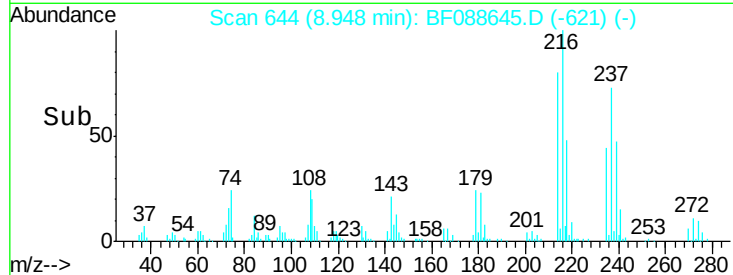


Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.96 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

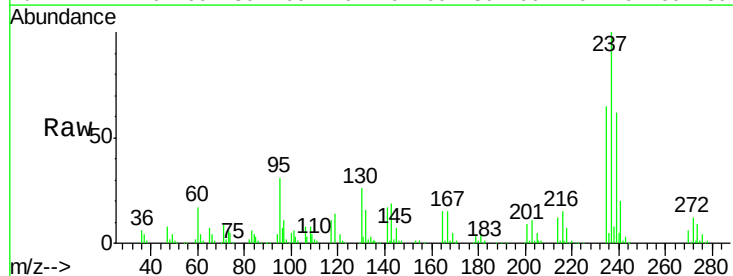
Tgt Ion:237 Resp: 227683

Ion Ratio Lower Upper

237 100

235 64.6 43.4 83.4

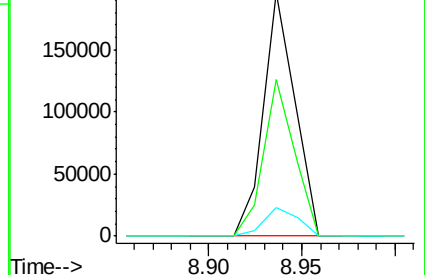
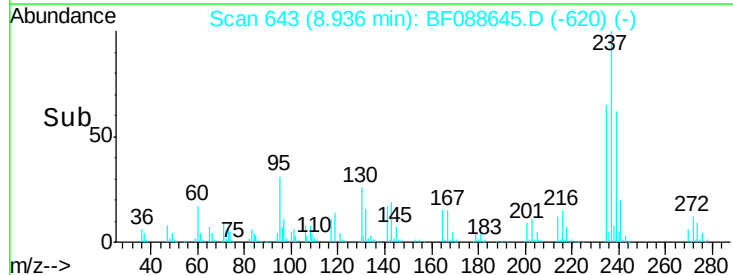
272 11.7 0.0 32.3

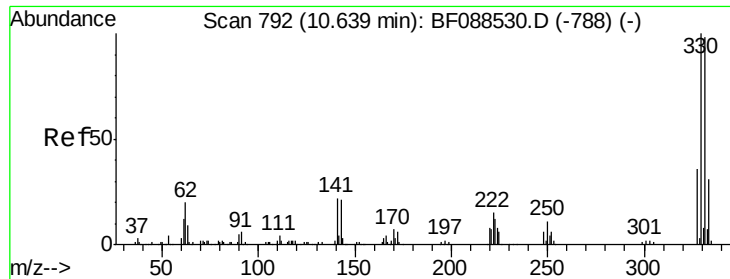


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

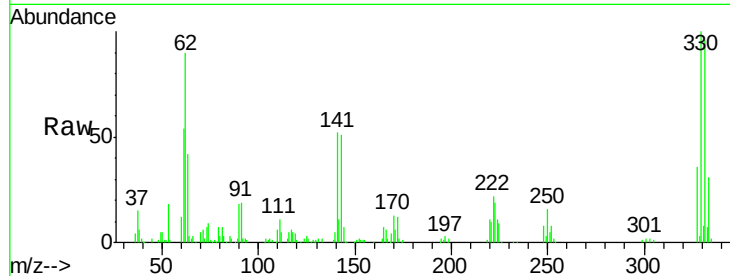




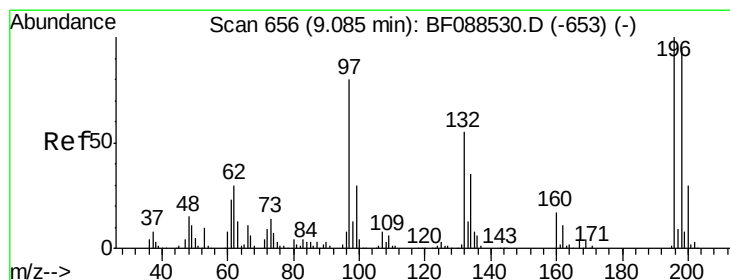
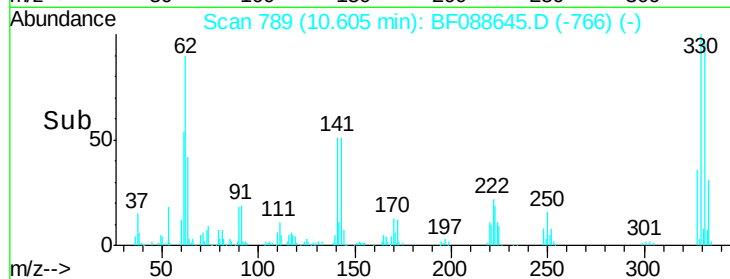
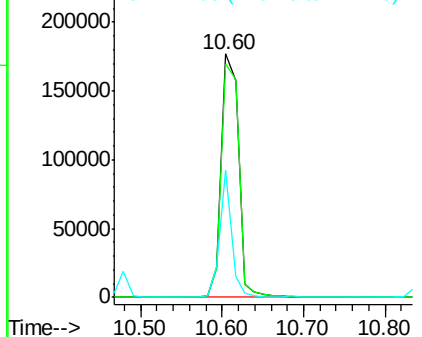
#41
 2,4,6-Tribromophenol
 Concen: 142.02 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 259184
 Ion Ratio Lower Upper
 330 100
 332 97.8 0.0 0.0#
 141 36.3 0.0 0.0#

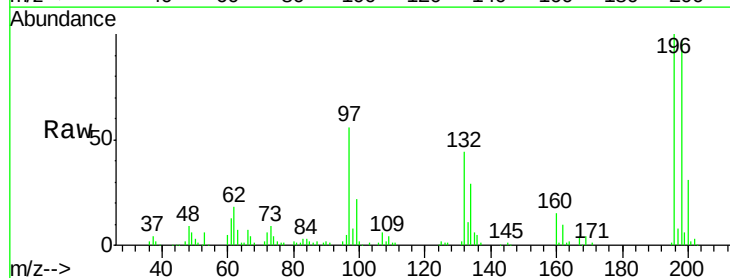


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

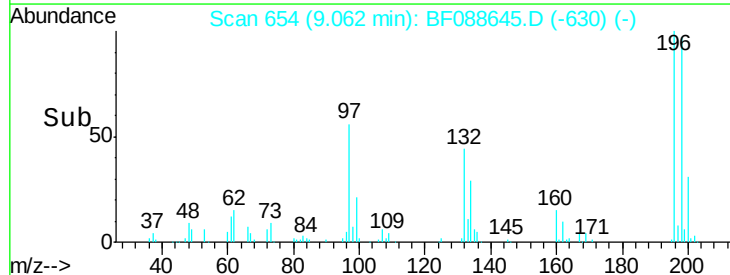
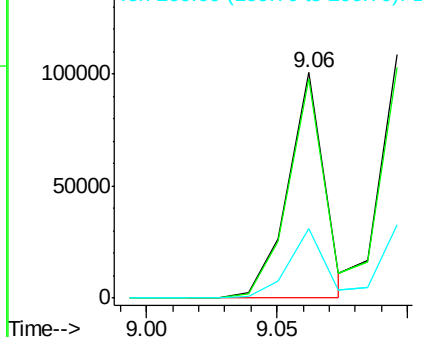


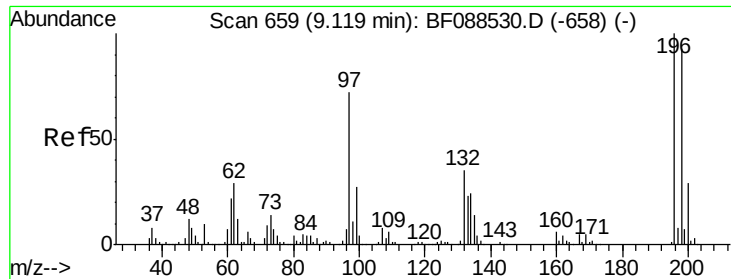
#42
 2,4,6-Trichlorophenol
 Concen: 22.29 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion:196 Resp: 96061
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.0 117.0
 200 30.9 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

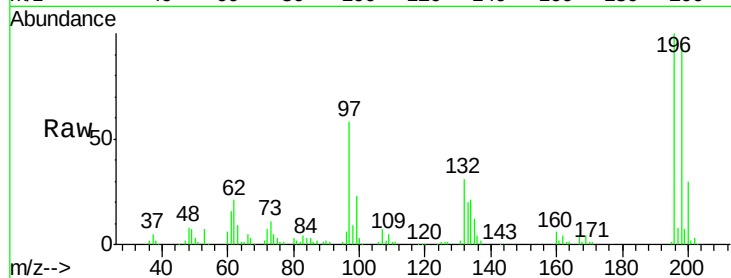




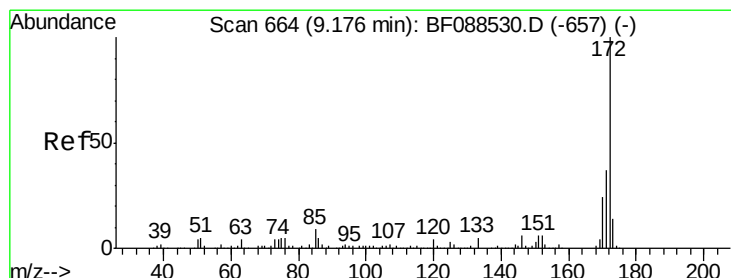
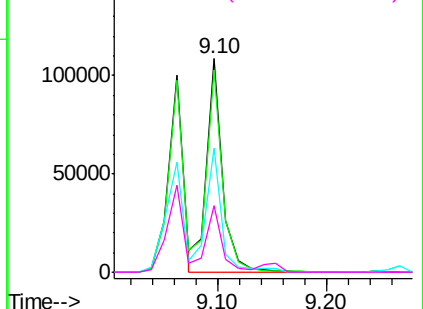
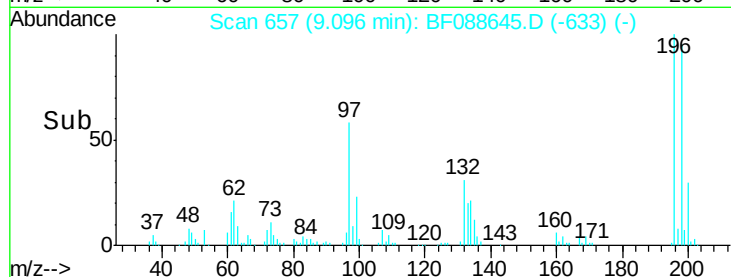
#43
 2,4,5-Trichlorophenol
 Concen: 30.03 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 111353
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.5 116.3
 97 58.2 32.0 48.0#
 132 31.4 20.9 31.3#

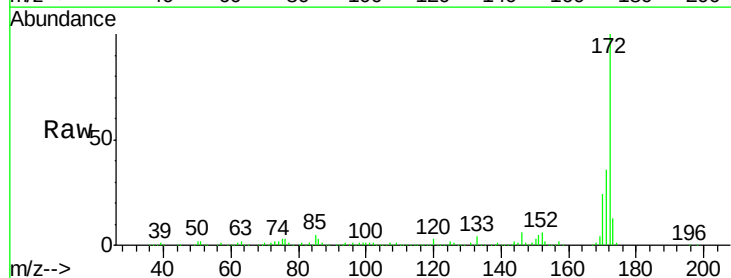


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

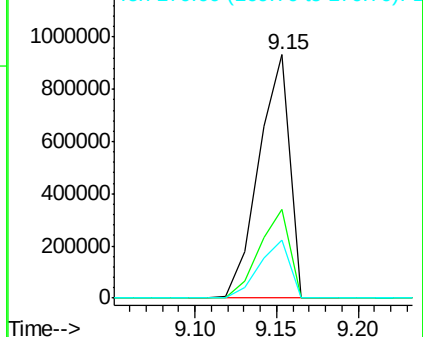
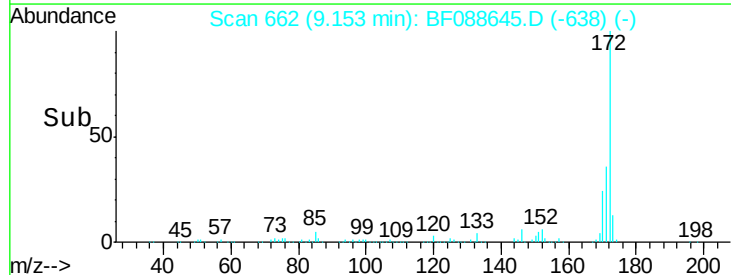


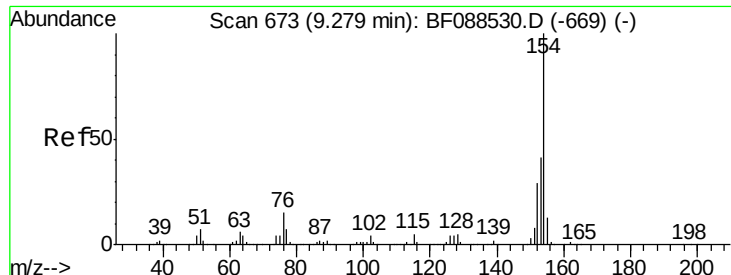
#44
 2-Fluorobiphenyl
 Concen: 98.10 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion:172 Resp: 1220534
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 24.1 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

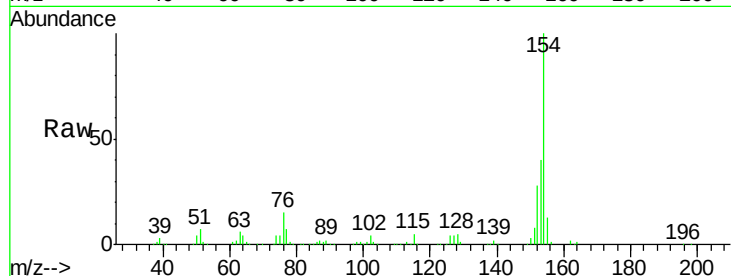




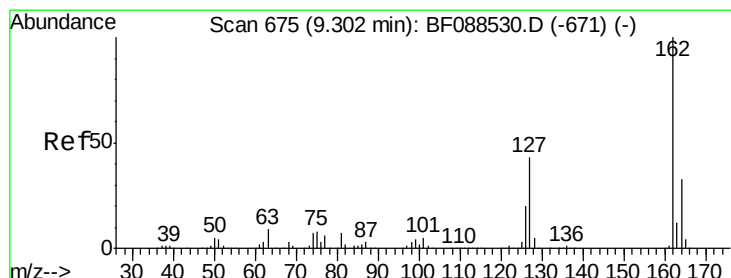
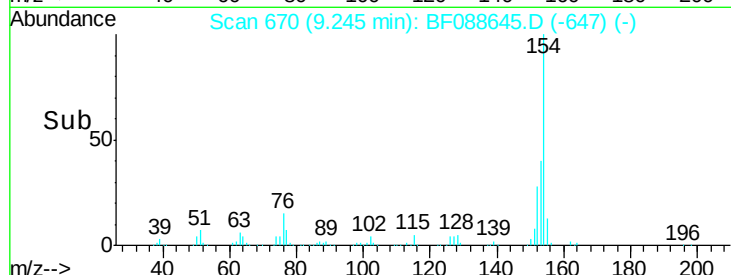
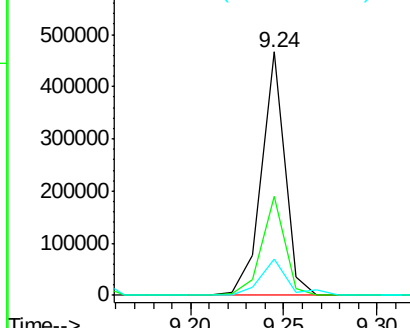
#45
 1,1'-Biphenyl
 Concen: 24.67 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 401530
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.6 60.6
 76 14.9 0.0 35.1

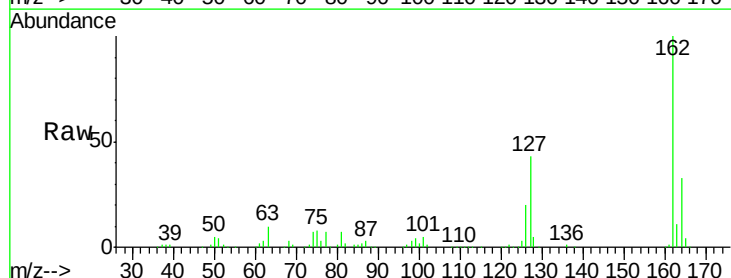


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

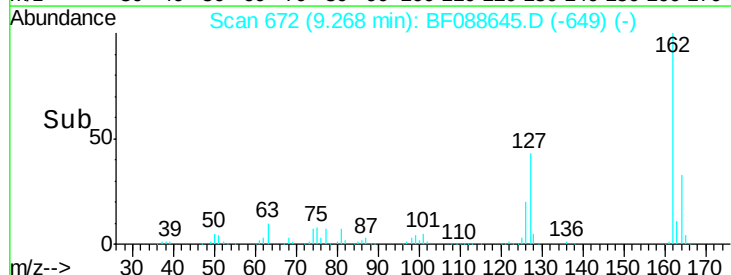
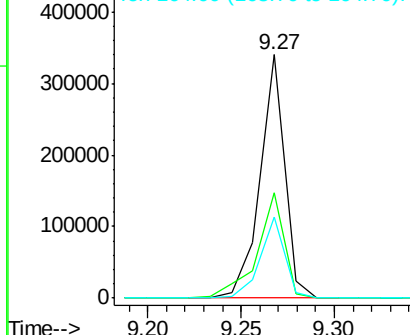


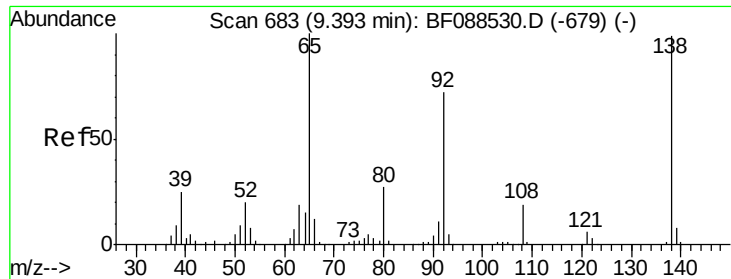
#46
 2-Chloronaphthalene
 Concen: 24.10 ng
 RT: 9.27 min Scan# 672
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion:162 Resp: 307915
 Ion Ratio Lower Upper
 162 100
 127 43.4 35.2 52.8
 164 33.1 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

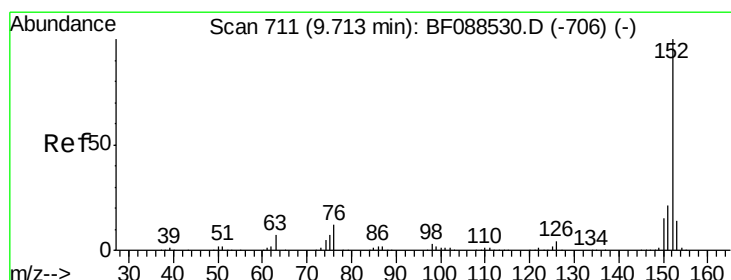
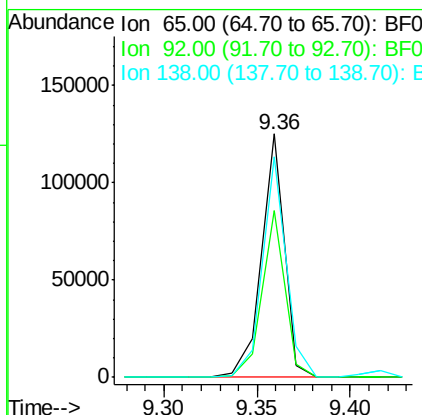
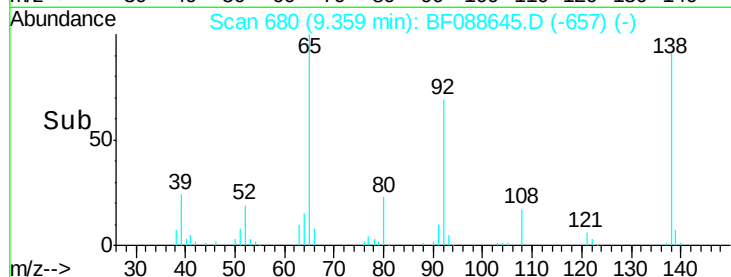
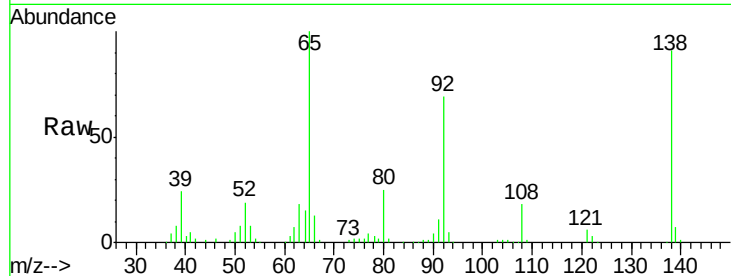




#47
 2-Nitroaniline
 Concen: 23.15 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

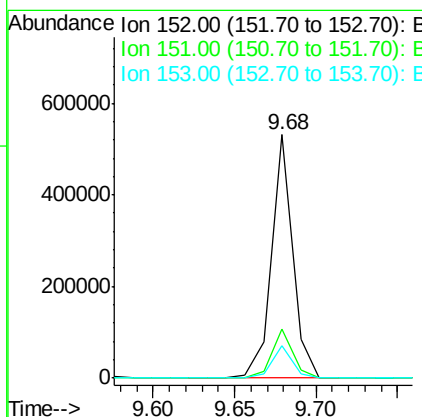
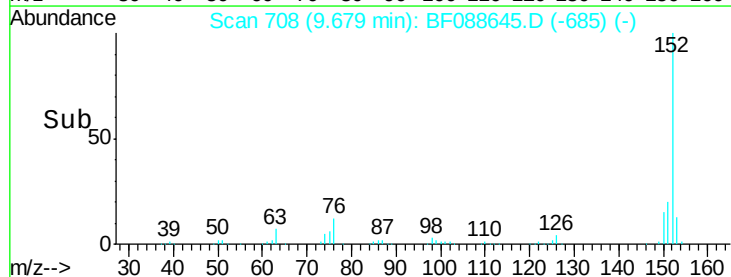
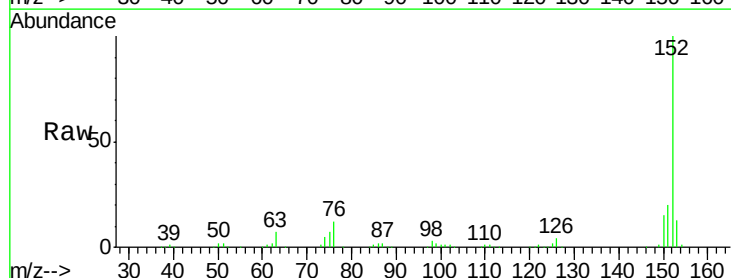
Instrument :
 BNA_F
 ClientSampleId :

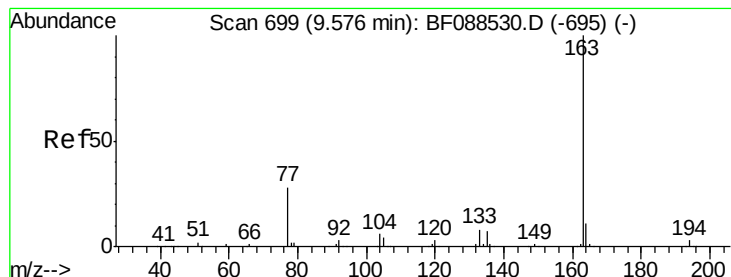
Tot Ion:	65	Resp:	104974
Ion	Ratio	Lower	Upper
65	100		
92	68.8	54.6	82.0
138	90.5	77.0	115.4



#48
 Acenaphthylene
 Concen: 23.78 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion:	152	Resp:	483394
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.4	11.0	16.6





#49

Dimethylphthalate

Concen: 24.95 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

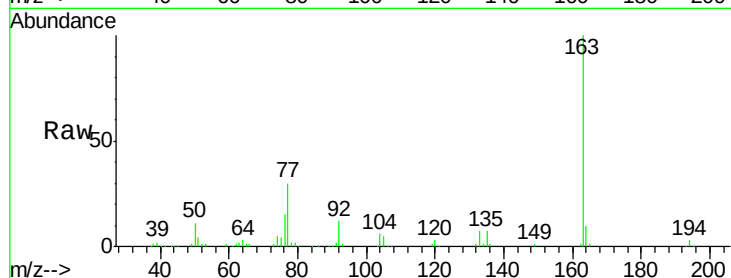
Tot Ion:163 Resp: 349372

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

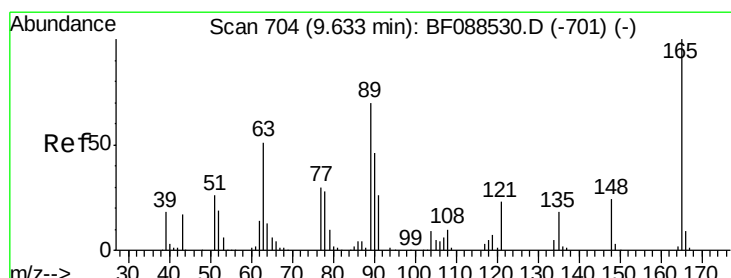
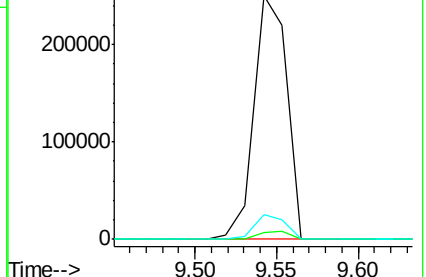
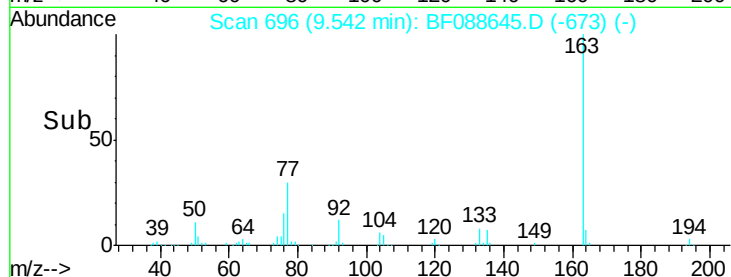
164 10.3 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 25.77 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

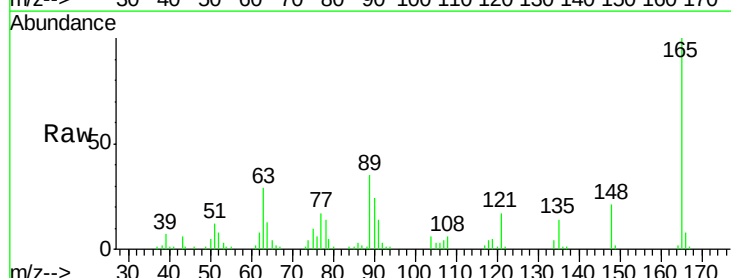
Tgt Ion:165 Resp: 79968

Ion Ratio Lower Upper

165 100

63 28.5 28.1 42.1

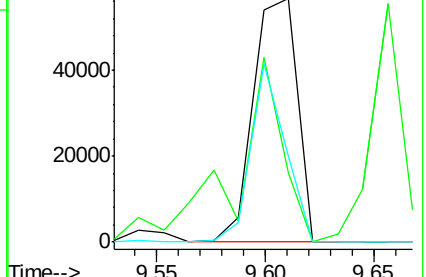
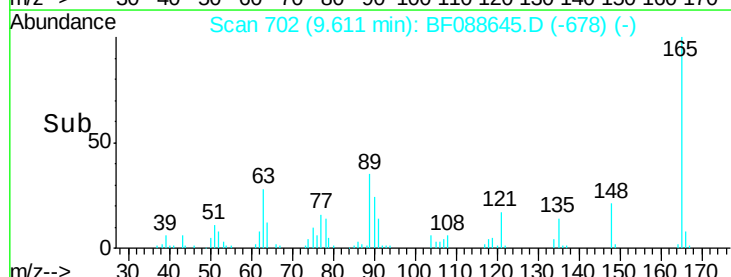
89 35.2 32.2 48.2

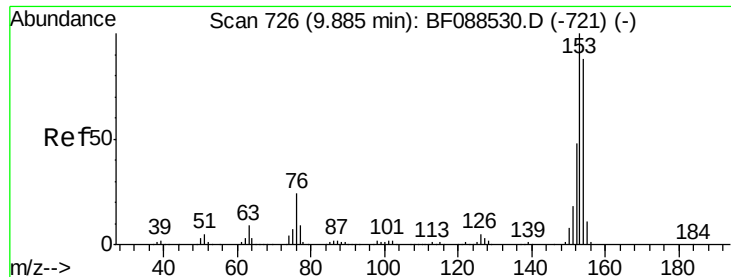


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 27.52 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

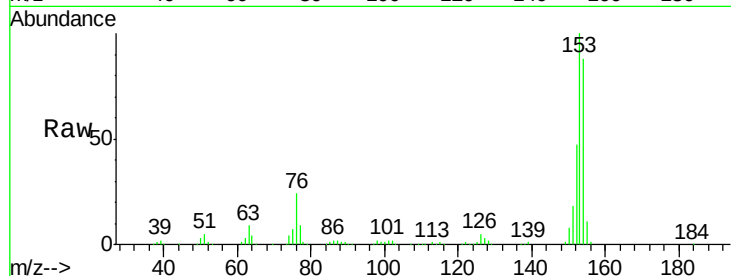
Tot Ion:154 Resp: 342913

Ion Ratio Lower Upper

154 100

153 114.3 89.5 134.3

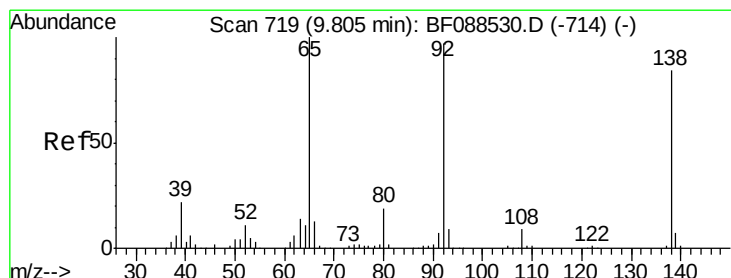
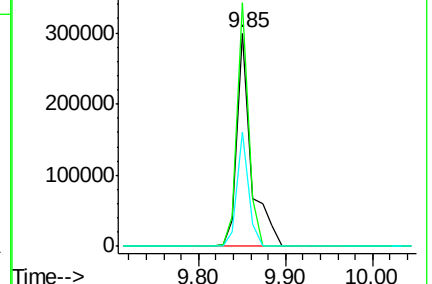
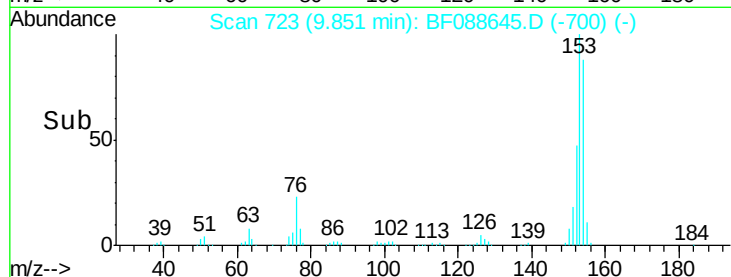
152 53.9 42.7 64.1



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: 15.13 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

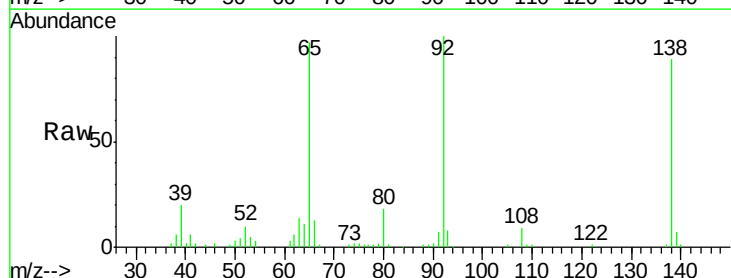
Tgt Ion:138 Resp: 59695

Ion Ratio Lower Upper

138 100

108 10.1 8.5 12.7

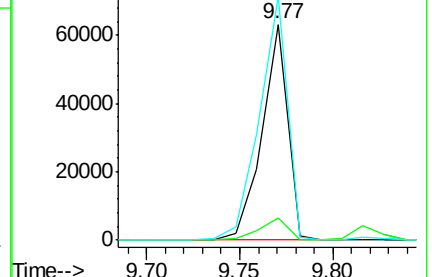
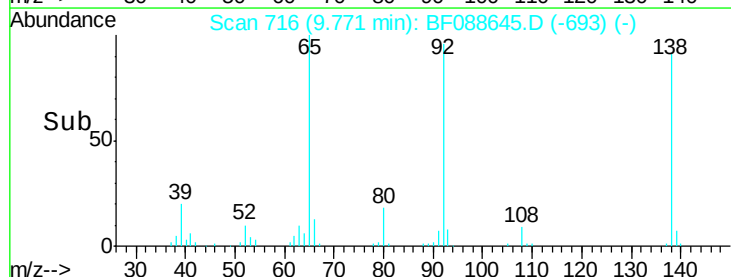
92 112.9 95.7 143.5

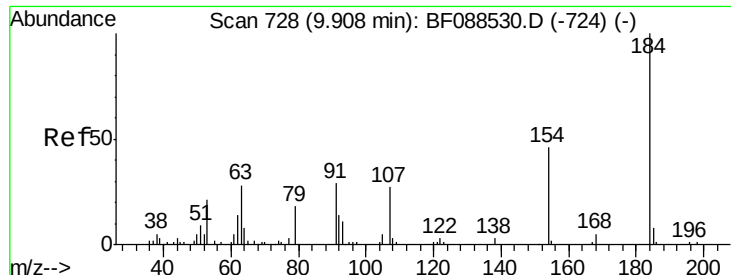


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

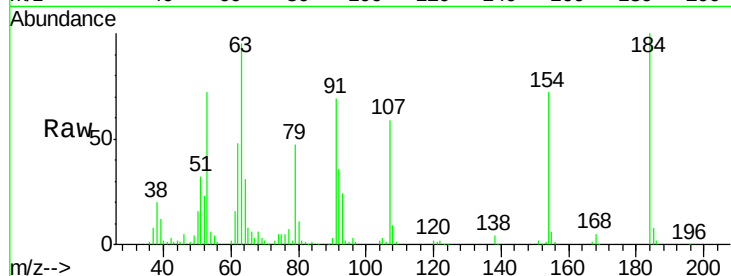




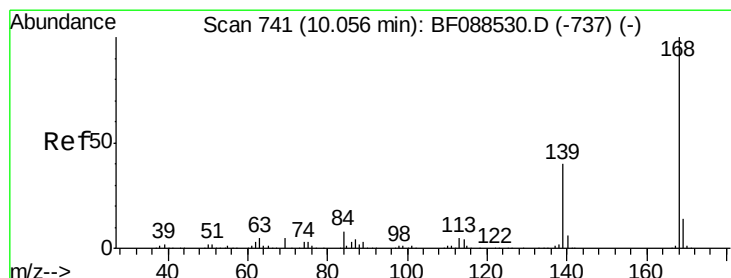
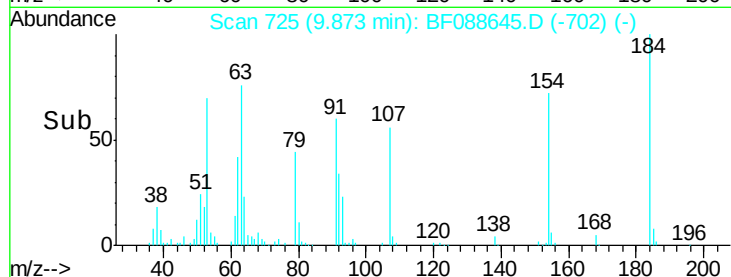
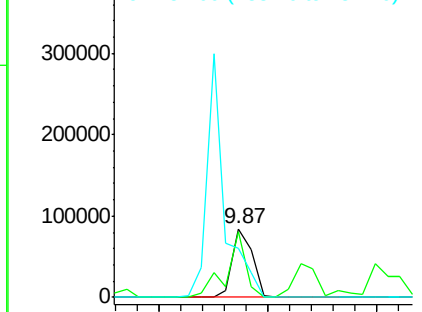
#53
 2,4-Dinitrophenol
 Concen: 77.79 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 106587
 Ion Ratio Lower Upper
 184 100
 63 95.2 57.6 86.4#
 154 72.1 53.5 80.3

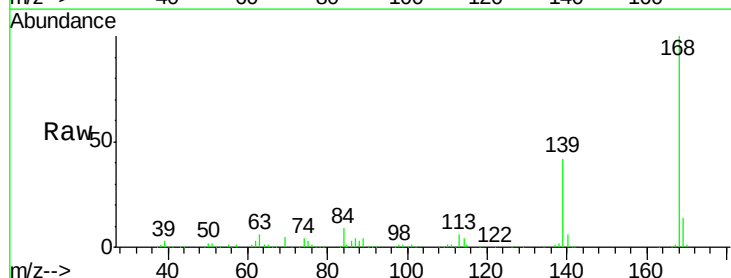


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

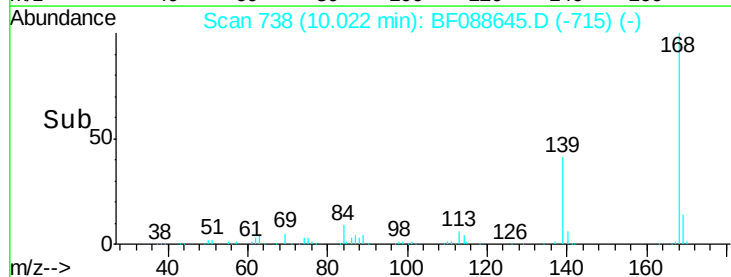
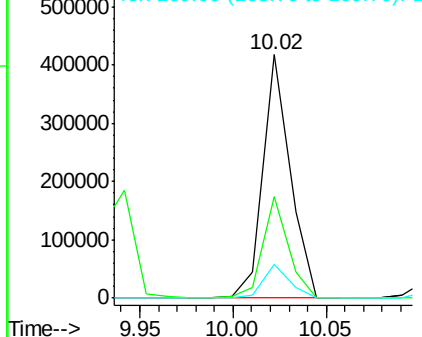


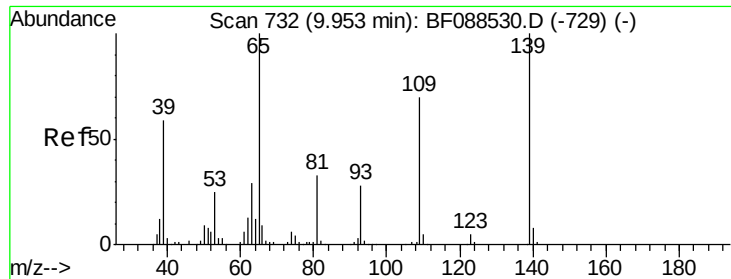
#54
 Dibenzofuran
 Concen: 25.73 ng
 RT: 10.02 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion:168 Resp: 419612
 Ion Ratio Lower Upper
 168 100
 139 41.8 26.4 39.6#
 169 13.8 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

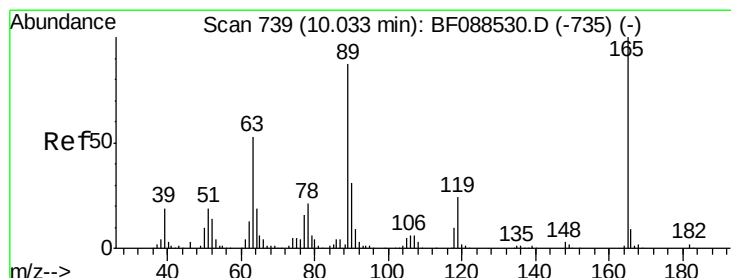
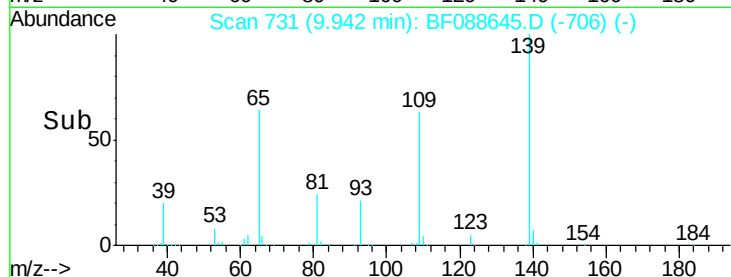
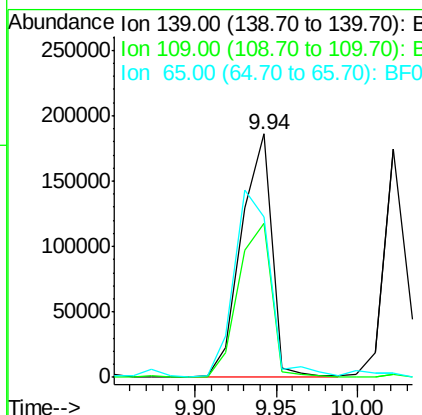
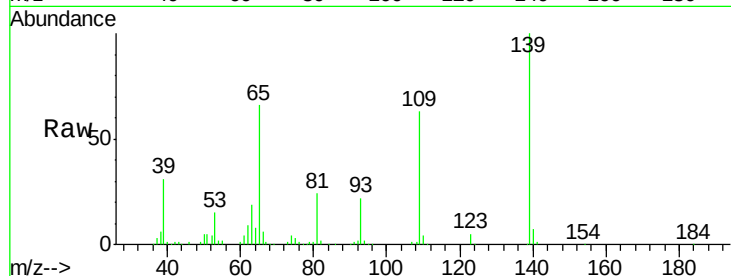




#55
4-Nitrophenol
Concen: 80.32 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

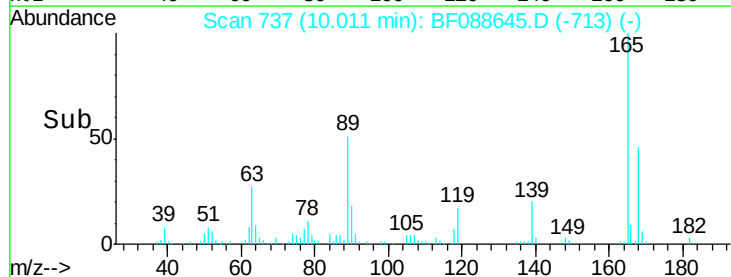
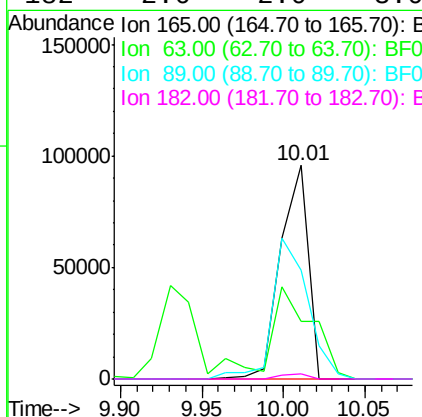
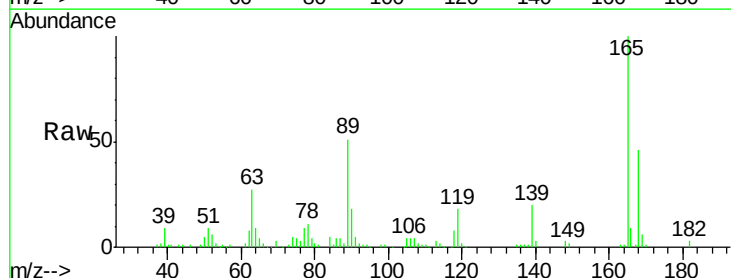
Instrument :
BNA_F
ClientSampleId :

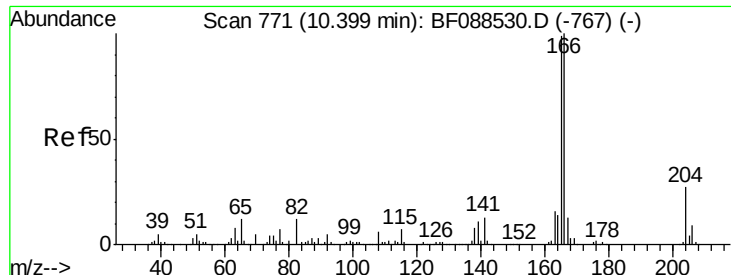
Tot Ion:139 Resp: 240774
Ion Ratio Lower Upper
139 100
109 63.4 48.9 88.9
65 65.9 84.9 124.9#



#56
2,4-Dinitrotoluene
Concen: 27.94 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion:165 Resp: 113350
Ion Ratio Lower Upper
165 100
63 27.1 22.0 33.0
89 51.1 41.1 61.7
182 2.6 2.0 3.0





#57

Fluorene

Concen: 25.66 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

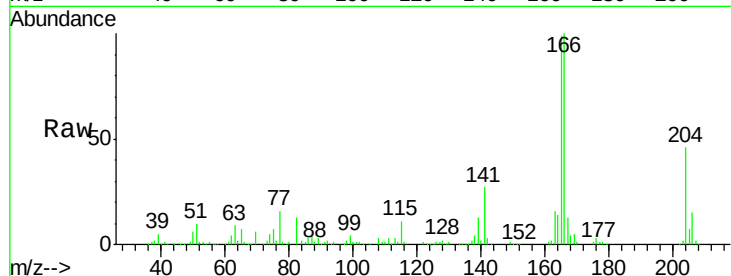
Tot Ion:166 Resp: 322489

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

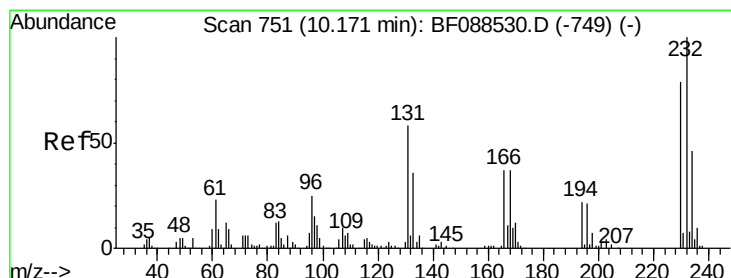
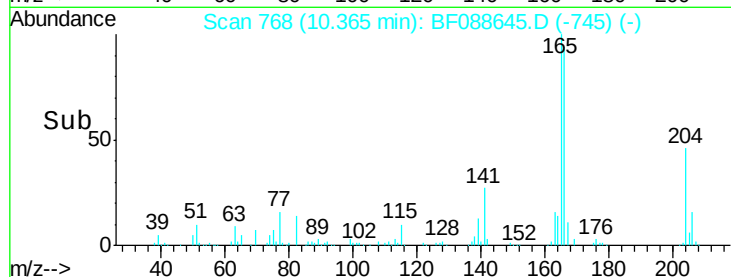
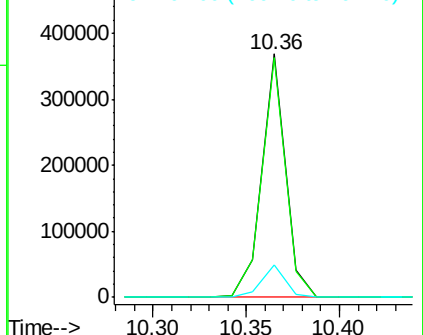
167 13.5 11.2 16.8



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: 28.74 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Tgt Ion:232 Resp: 82441

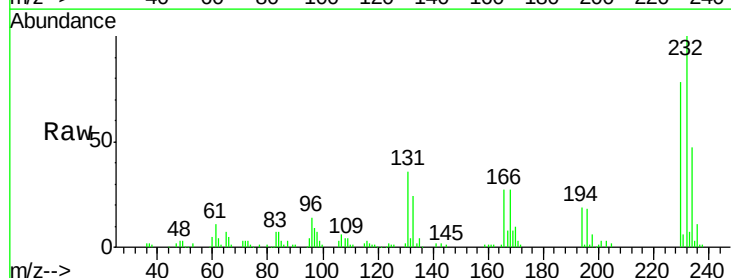
Ion Ratio Lower Upper

232 100

131 49.5 0.9 1.3#

130 2.4 1.5 2.3#

166 32.9 0.5 0.7#

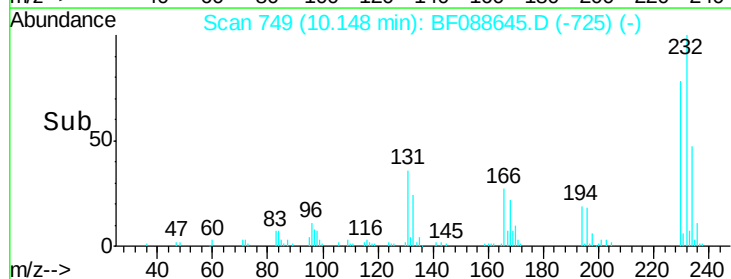
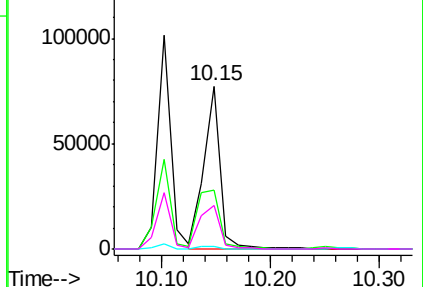


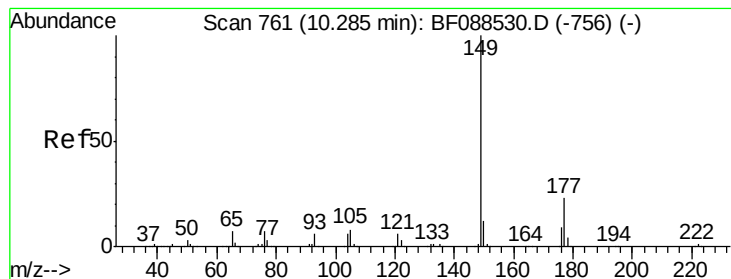
Abundance Ion 232.00 (231.70 to 232.70): E

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: 27.46 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampled :

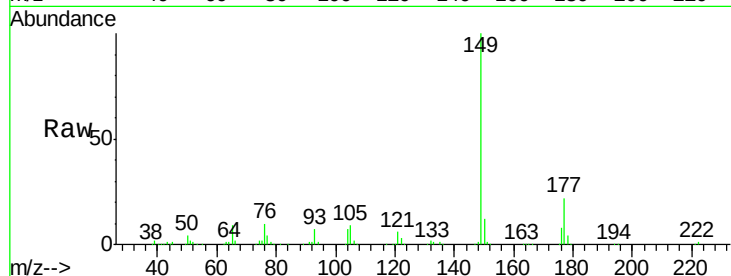
Tot Ion:149 Resp: 385802

Ion Ratio Lower Upper

149 100

177 21.6 16.9 25.3

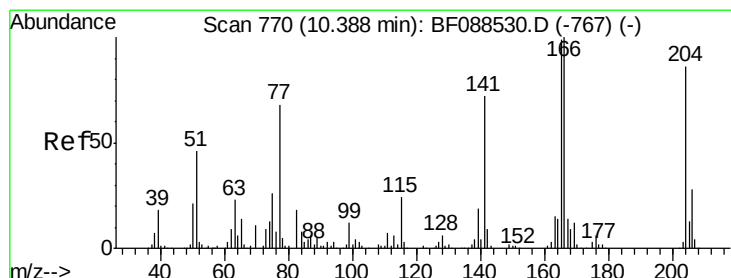
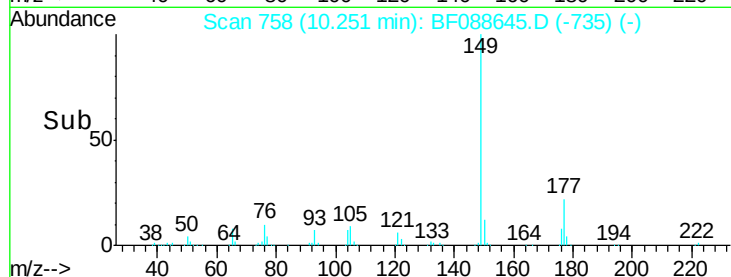
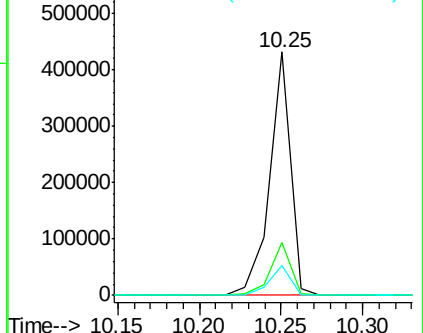
150 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 26.08 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

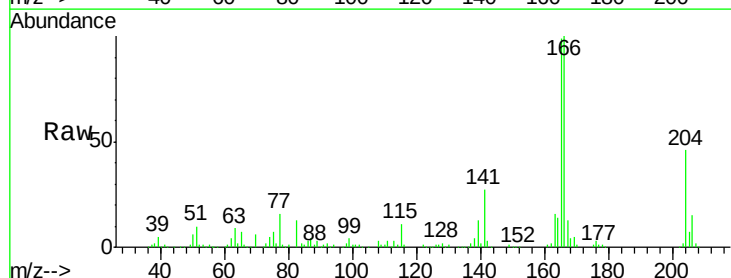
Tgt Ion:204 Resp: 152325

Ion Ratio Lower Upper

204 100

206 33.6 26.3 39.5

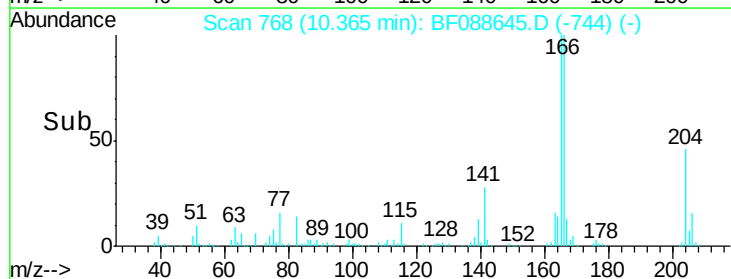
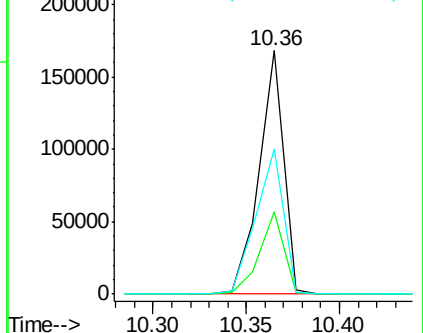
141 59.7 55.0 82.6

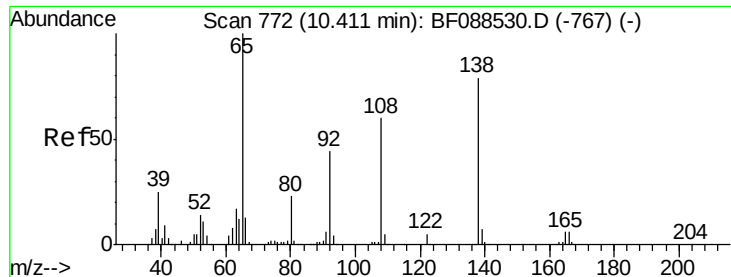


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

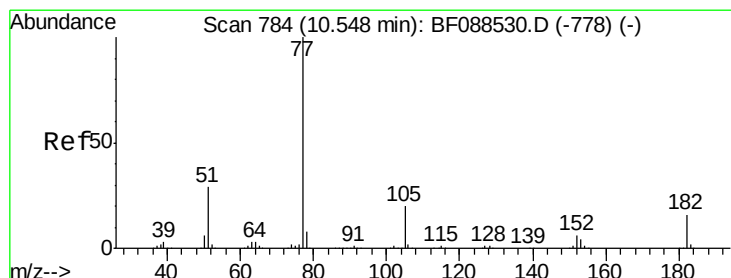
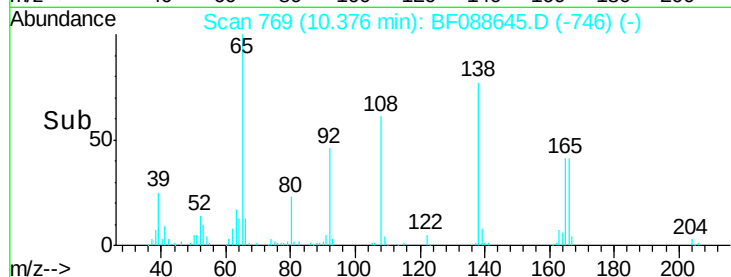
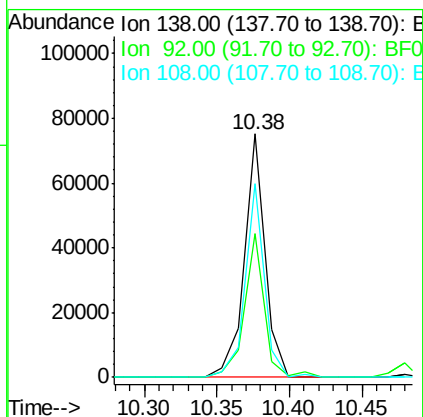
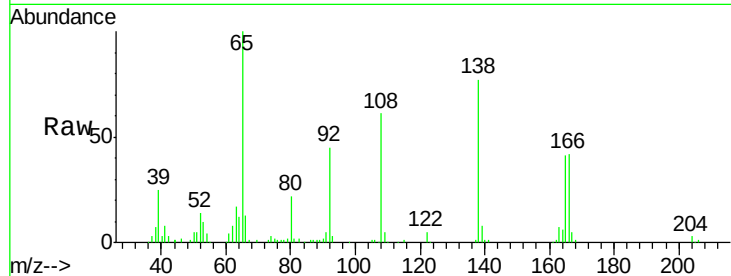




#61
4-Nitroaniline
Concen: 19.58 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

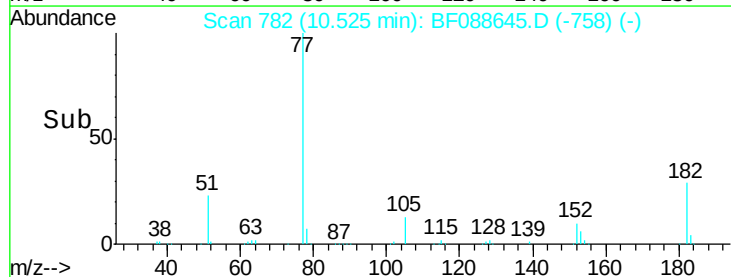
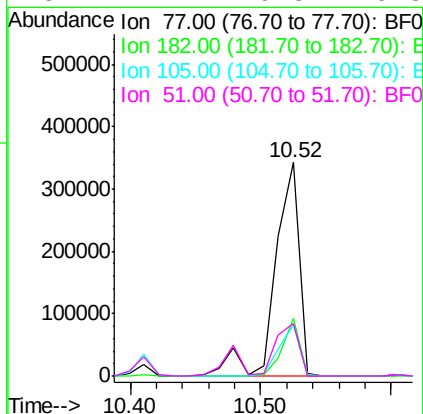
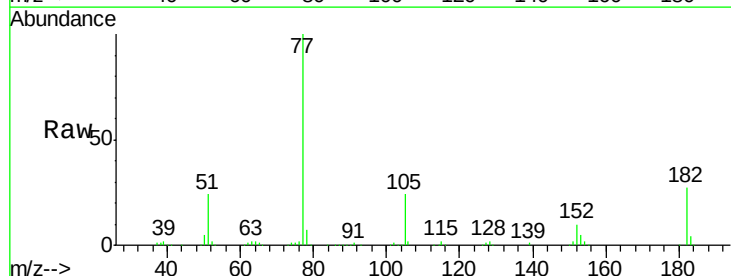
Instrument :
BNA_F
ClientSampled :

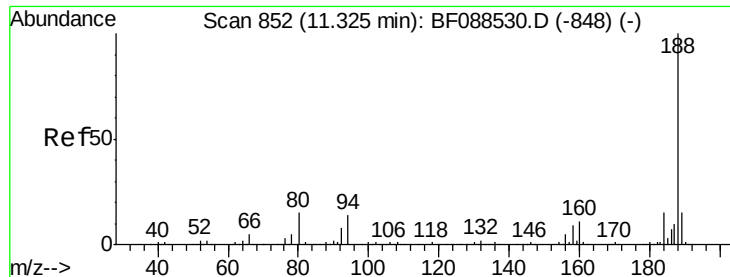
Tot Ion:138 Resp: 74324
Ion Ratio Lower Upper
138 100
92 58.9 27.3 67.3
108 79.8 46.7 86.7



#62
Azobenzene
Concen: 27.64 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion: 77 Resp: 443081
Ion Ratio Lower Upper
77 100
182 27.2 4.4 44.4
105 24.0 3.8 43.8
51 24.4 9.3 49.3

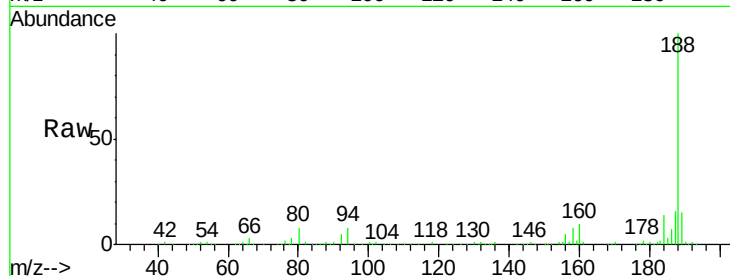




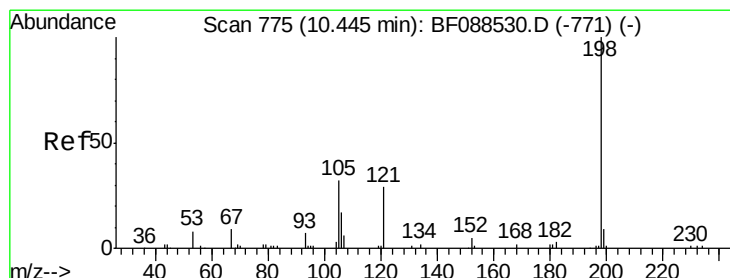
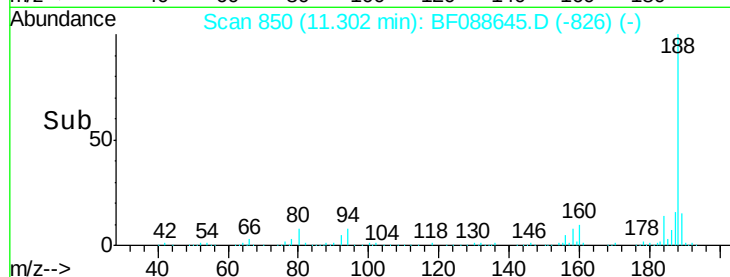
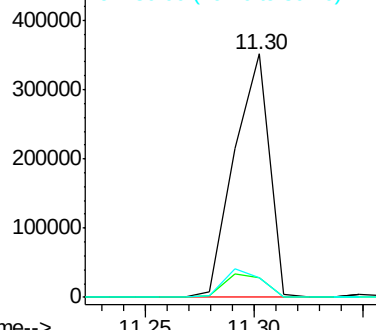
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 397223
Ion Ratio Lower Upper
188 100
94 7.9 9.0 13.6#
80 8.1 10.0 15.0#

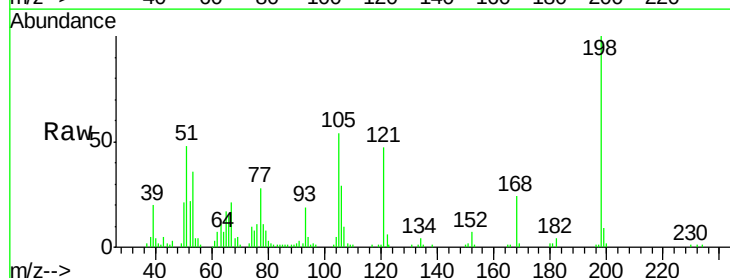


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

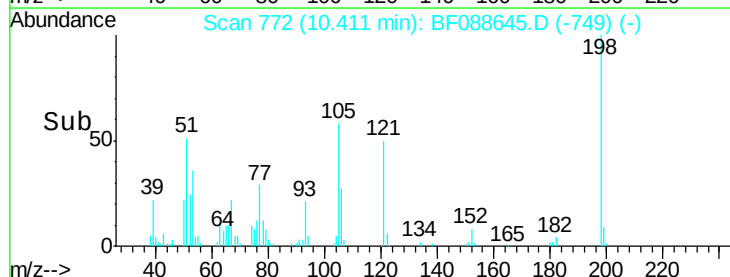
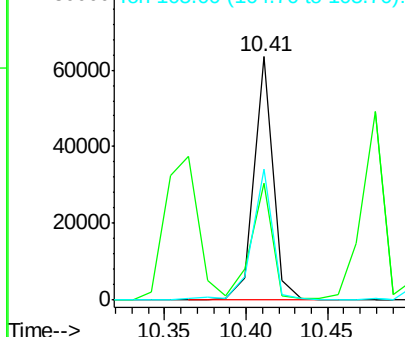


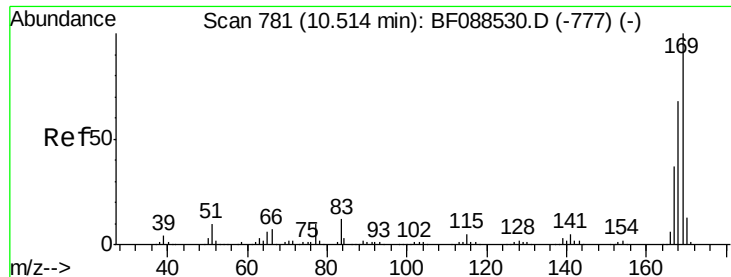
#64
4,6-Dinitro-2-methylphenol
Concen: 24.27 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion:198 Resp: 51569
Ion Ratio Lower Upper
198 100
51 48.1 39.6 79.6
105 53.6 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

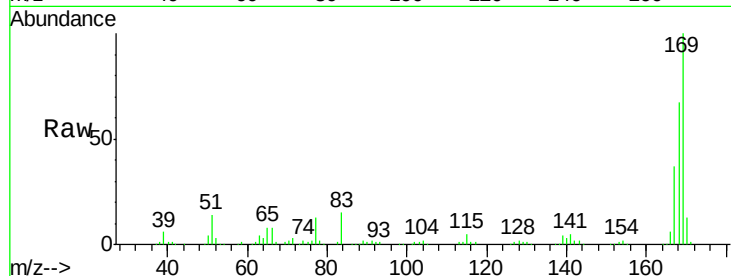




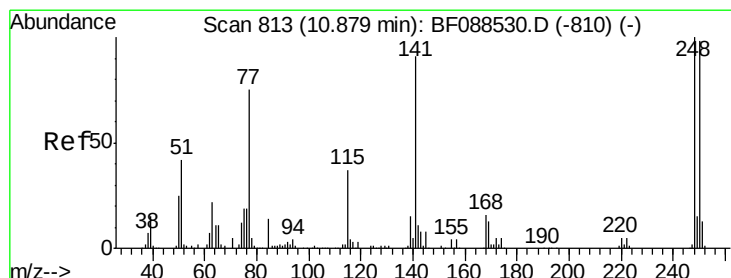
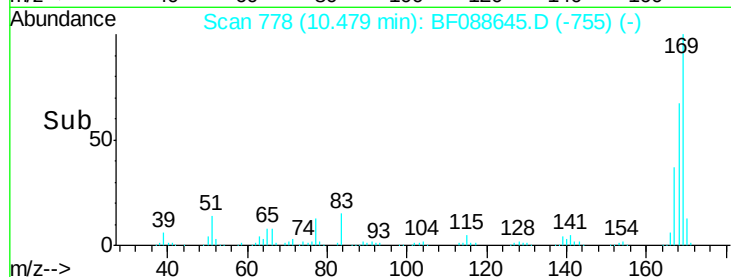
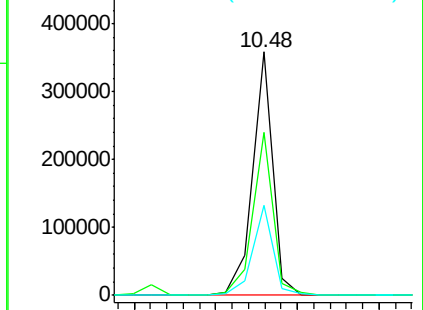
#65
n-Nitrosodiphenylamine
Concen: 22.86 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 307372
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.0
167 37.1 29.4 44.0

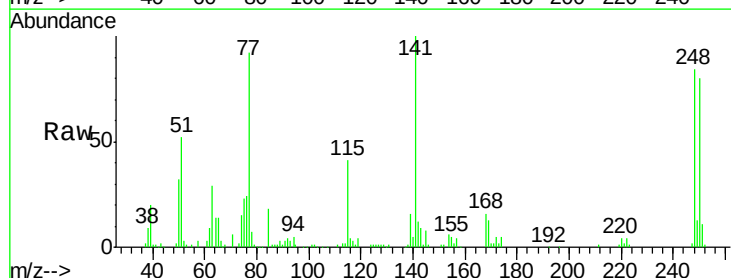


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

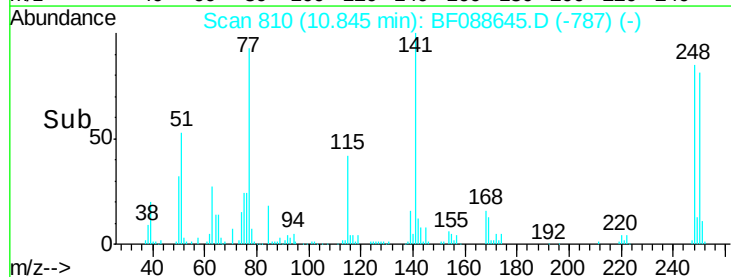
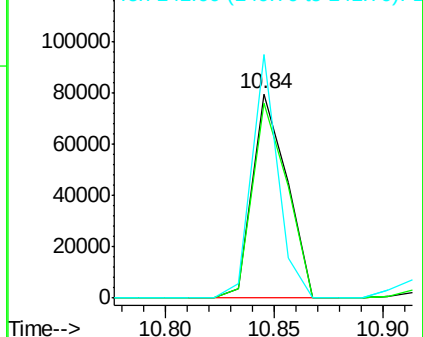


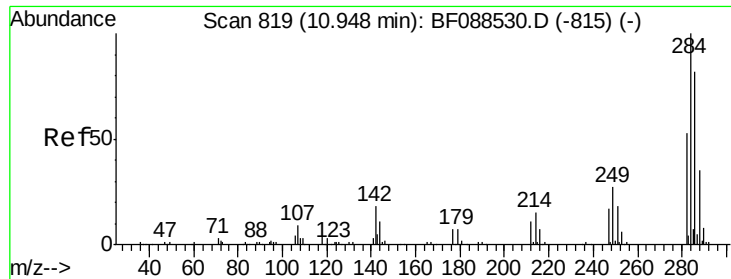
#66
4-Bromophenyl-phenylether
Concen: 22.01 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion:248 Resp: 88113
Ion Ratio Lower Upper
248 100
250 95.7 77.1 115.7
141 119.2 50.6 76.0#



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

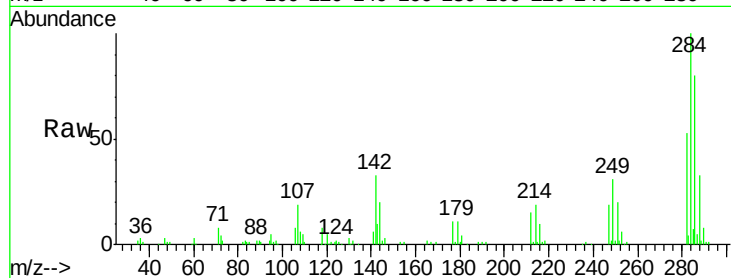




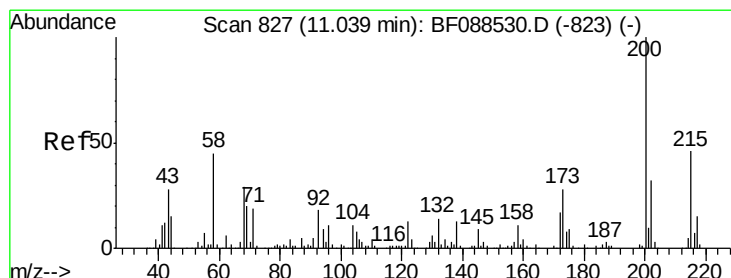
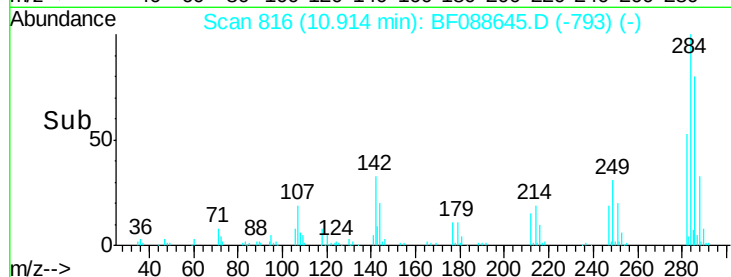
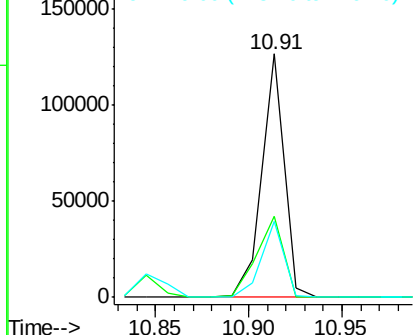
#67
Hexachlorobenzene
Concen: 23.58 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 104490
Ion Ratio Lower Upper
284 100
142 33.4 35.8 53.8#
249 31.0 25.8 38.6

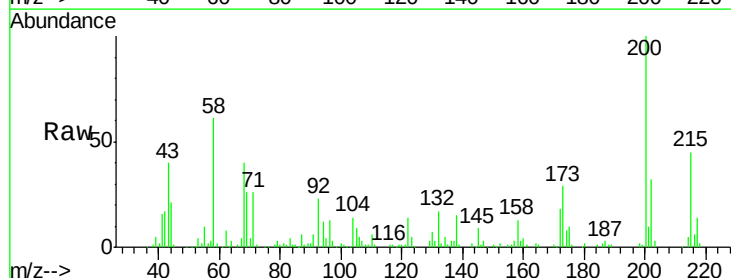


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

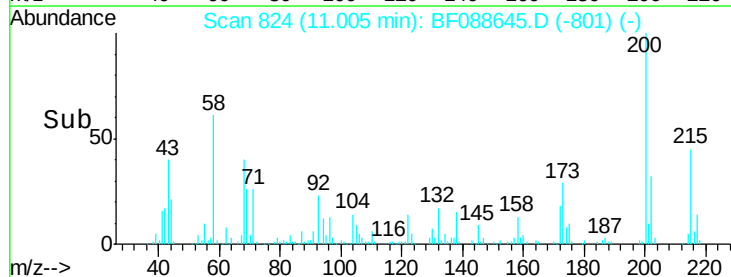
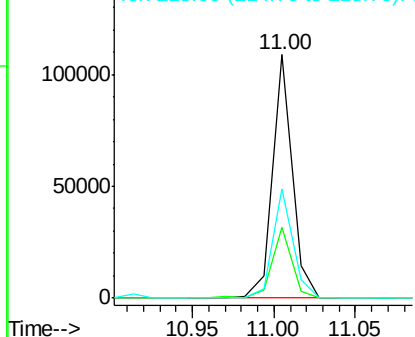


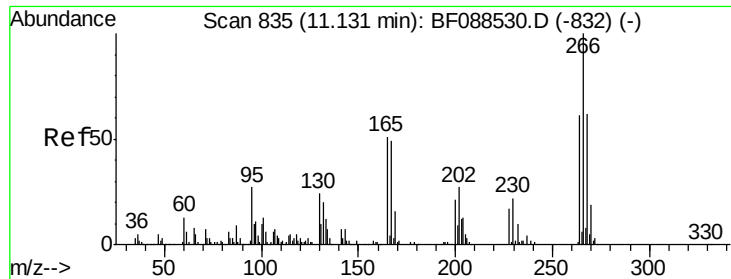
#68
Atrazine
Concen: 22.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion:200 Resp: 92167
Ion Ratio Lower Upper
200 100
173 29.2 4.0 44.0
215 44.7 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

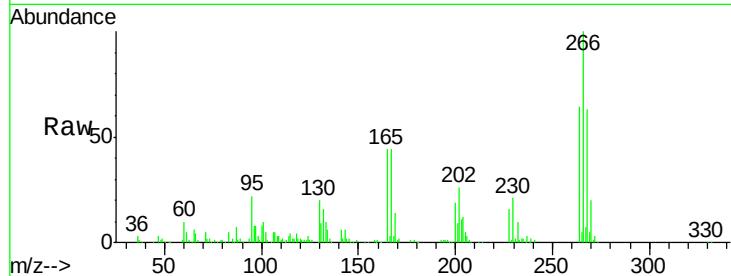




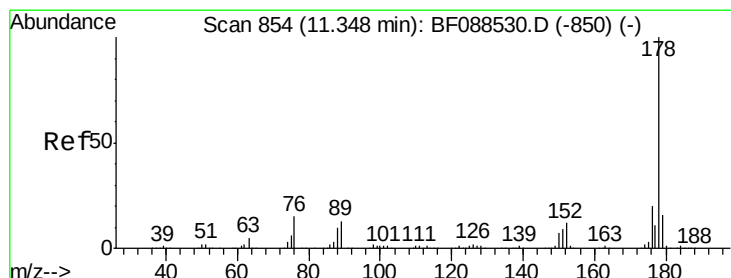
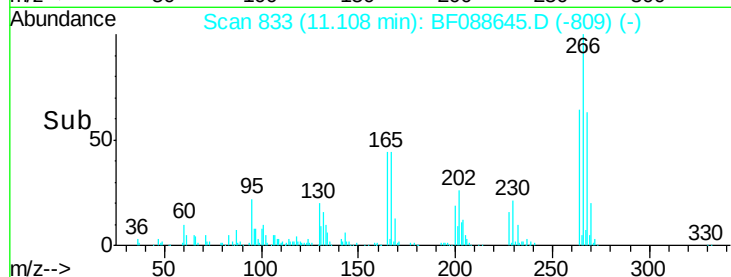
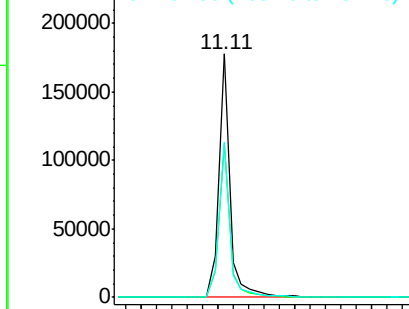
#69
 Pentachlorophenol
 Concen: 68.34 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 179220
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.8 79.2
 264 63.7 49.6 74.4

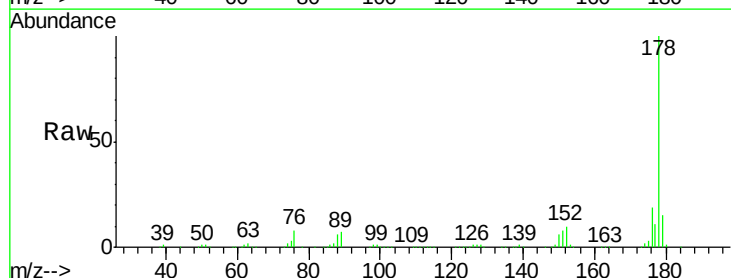


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

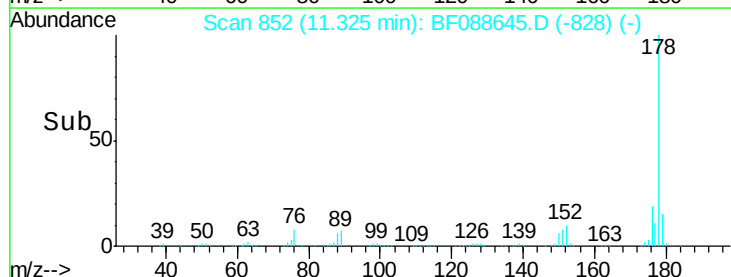
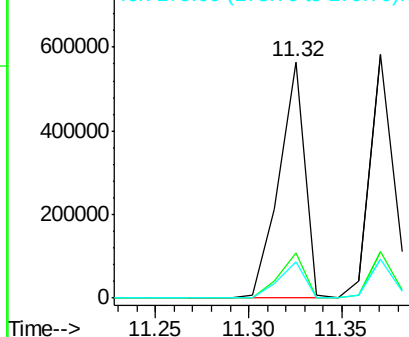


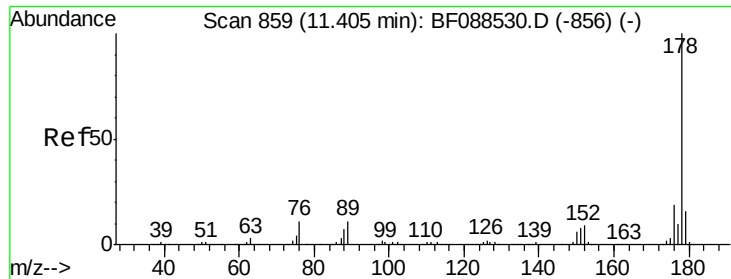
#70
 Phenanthrene
 Concen: 25.03 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion:178 Resp: 543429
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.6
 179 15.4 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

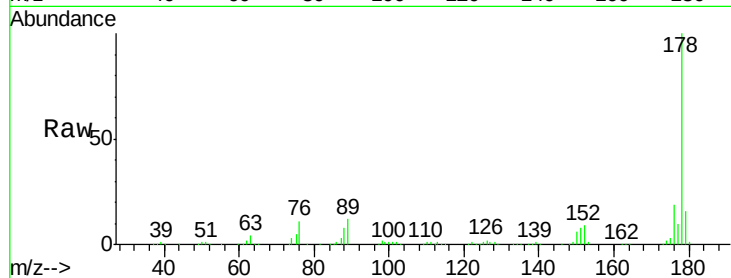




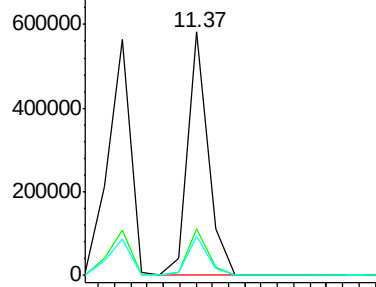
#71
 Anthracene
 Concen: 23.36 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :

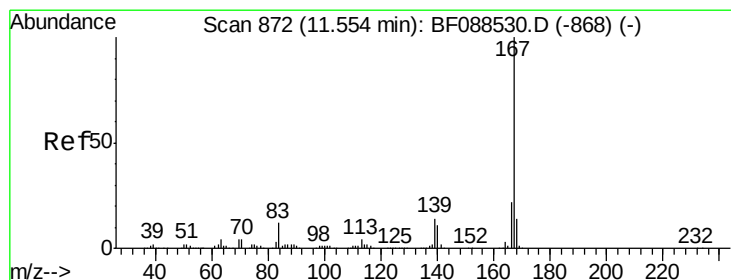
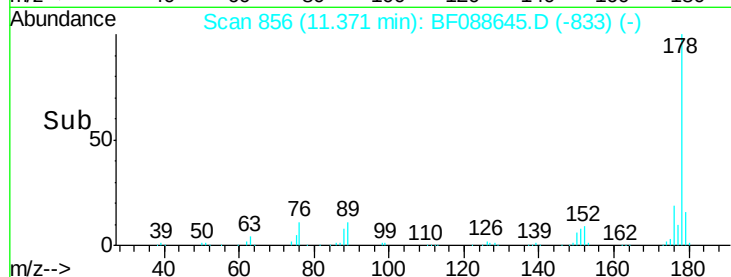
Tot Ion:178 Resp: 504377
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.7 12.8 19.2



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

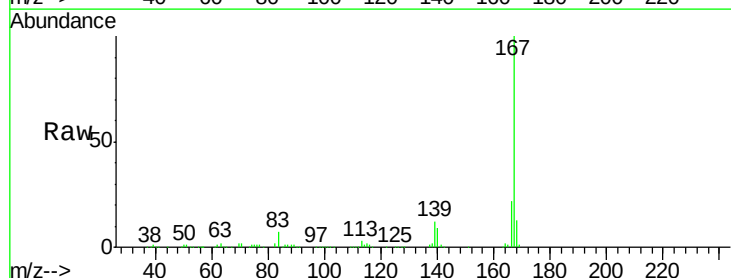


Time-->

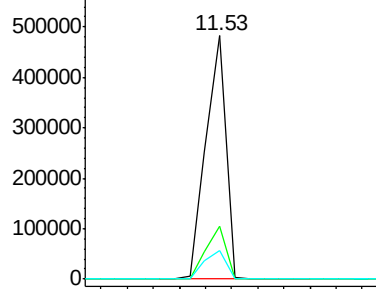


#72
 Carbazole
 Concen: 25.19 ng
 RT: 11.53 min Scan# 870
 Delta R.T. -0.02 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

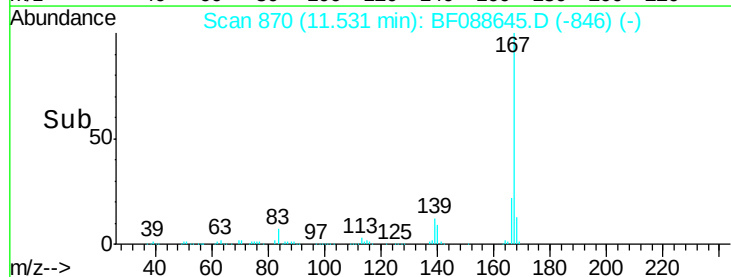
Tgt Ion:167 Resp: 511881
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 11.9 11.2 16.8

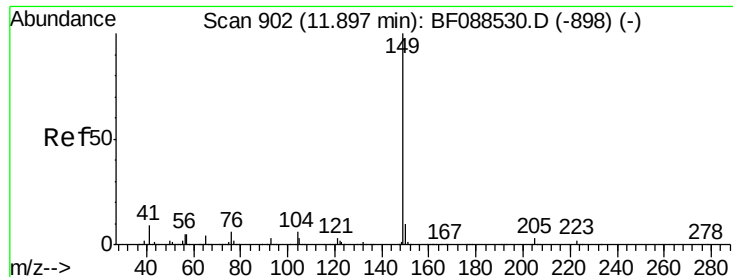


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 25.07 ng

RT: 11.87 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

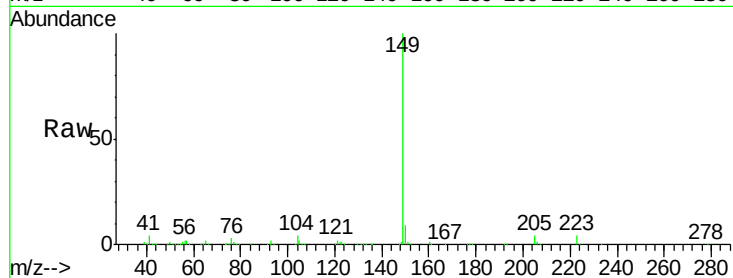
Tot Ion:149 Resp: 592501

Ion Ratio Lower Upper

149 100

150 8.7 7.8 11.6

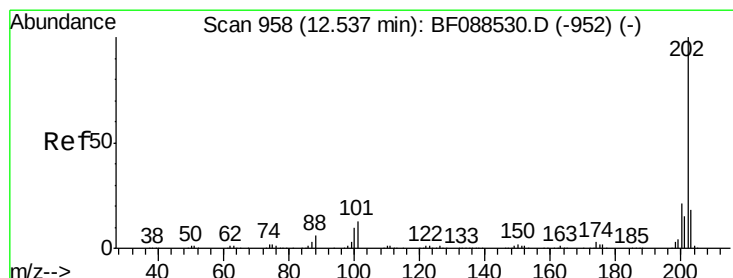
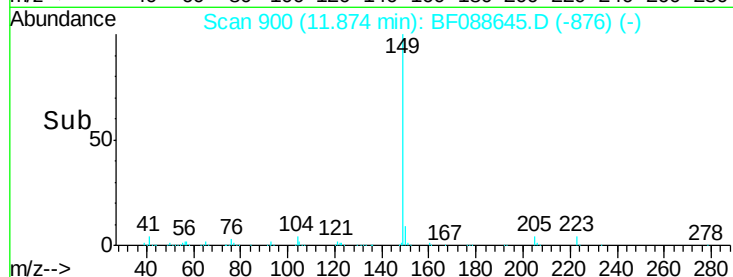
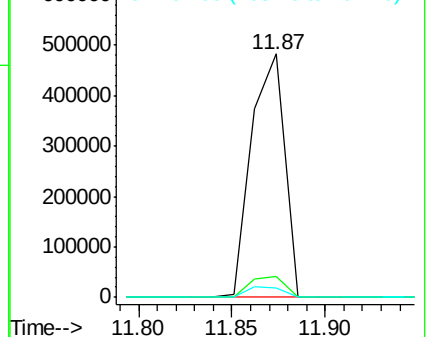
104 3.9 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 23.51 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

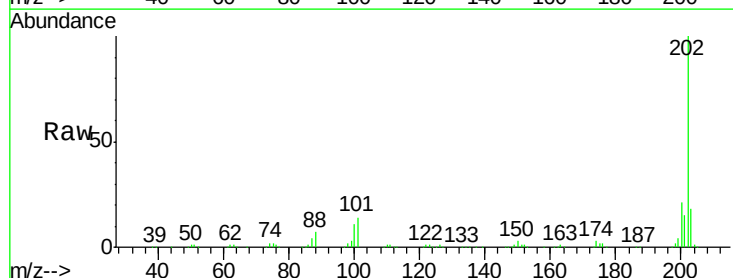
Tgt Ion:202 Resp: 517488

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.1

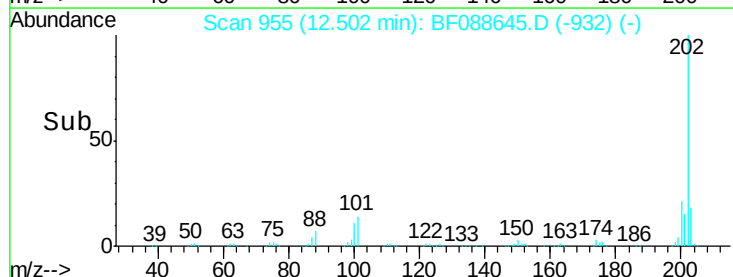
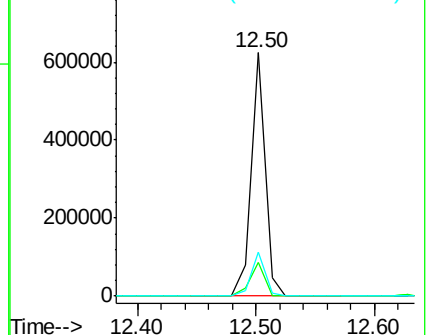
203 17.9 0.0 38.1

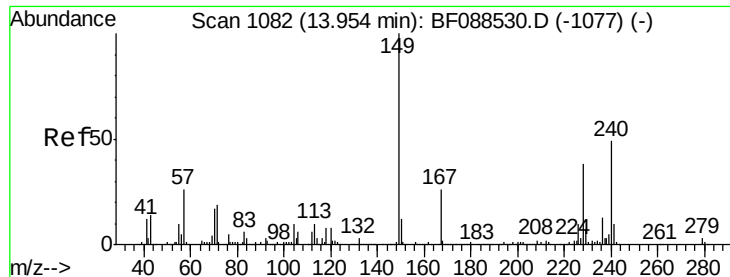


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

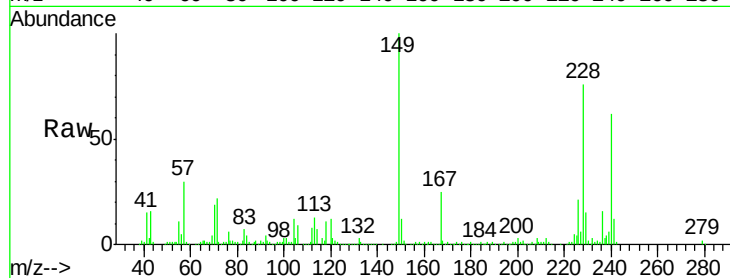
Tot Ion:240 Resp: 284634

Ion Ratio Lower Upper

240 100

120 18.9 6.8 10.2#

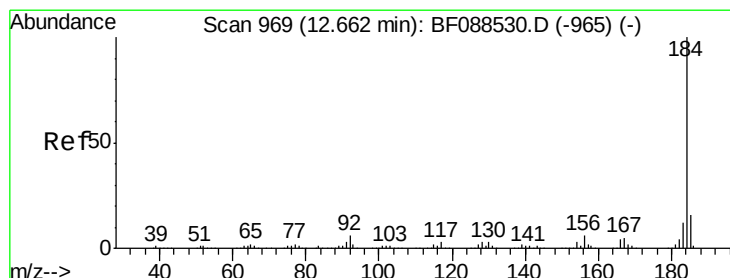
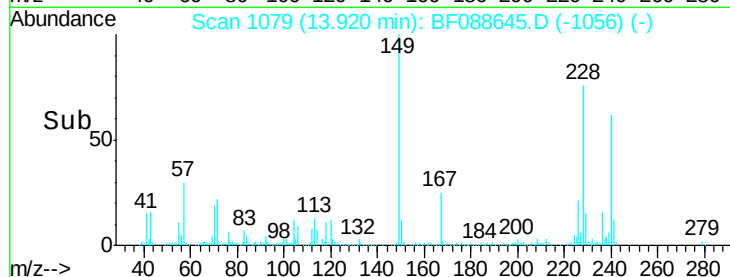
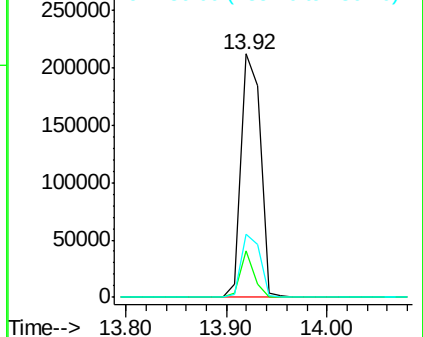
236 25.9 20.2 30.2



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: 27.27 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

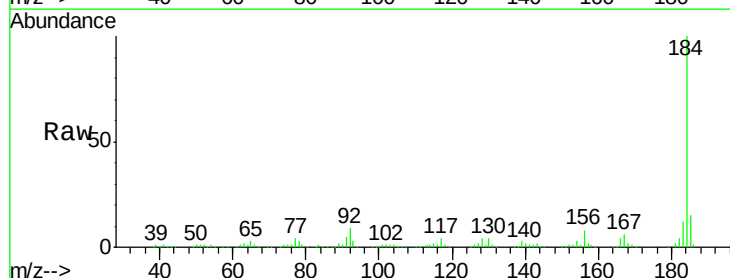
Tgt Ion:184 Resp: 392389

Ion Ratio Lower Upper

184 100

185 14.9 12.5 18.7

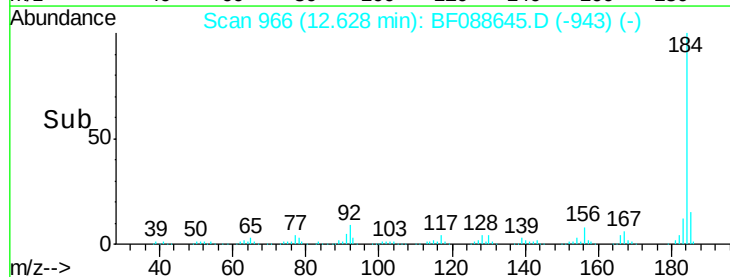
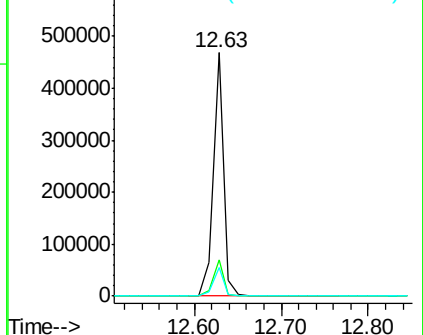
183 11.8 9.3 13.9

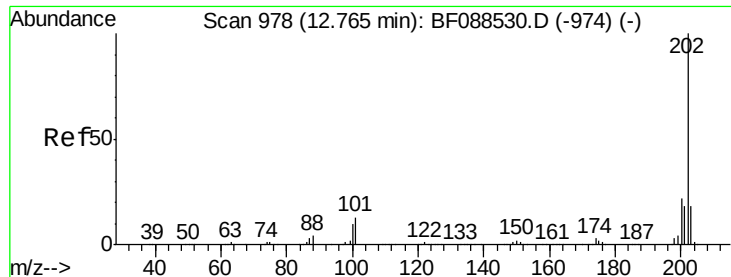


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

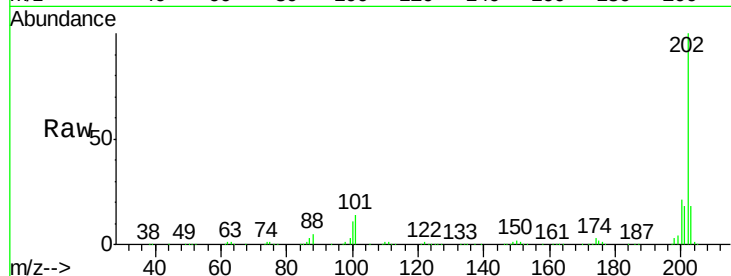




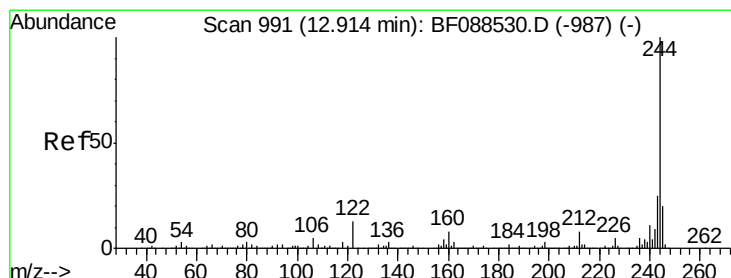
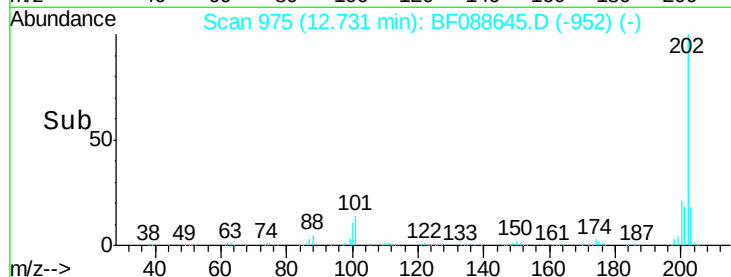
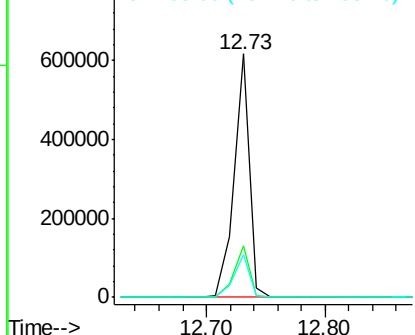
#77
 Pvrene
 Concen: 22.72 ng
 RT: 12.73 min Scan# 975
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 548374
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.4 26.2
 203 17.6 14.5 21.7

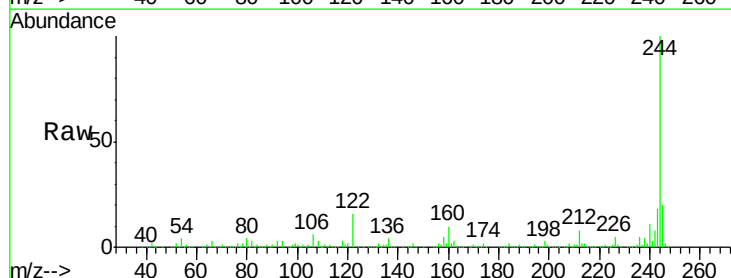


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

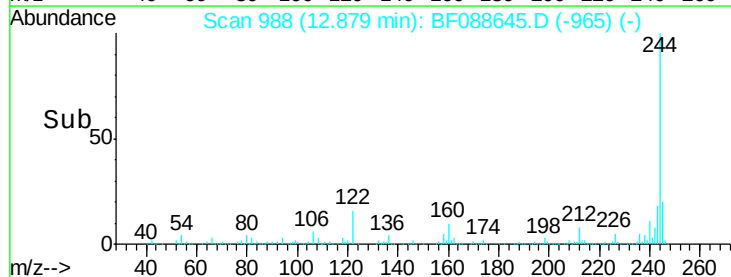
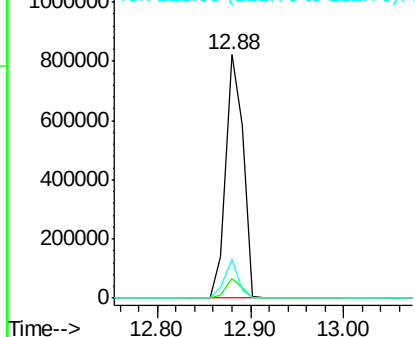


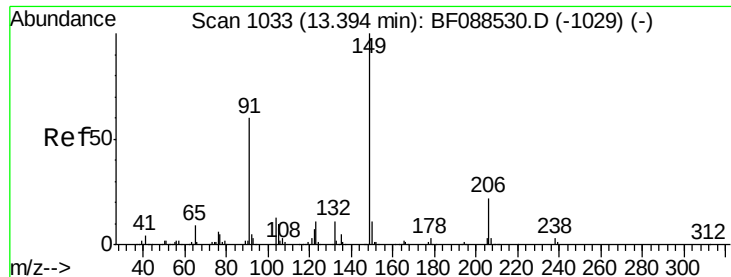
#78
 Terphenyl-d14
 Concen: 83.54 ng
 RT: 12.88 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion:244 Resp: 1067508
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 15.8 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

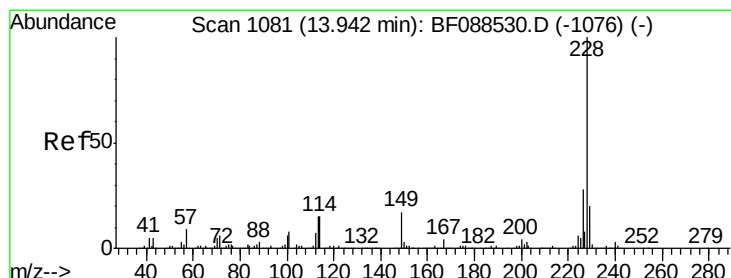
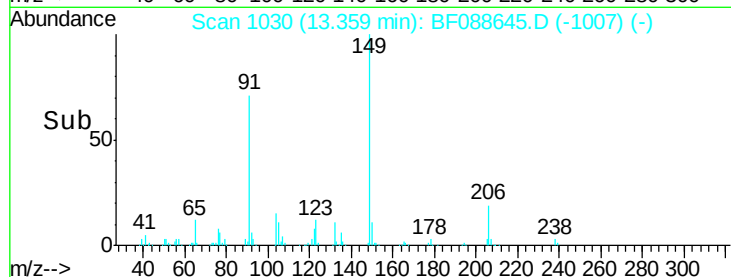
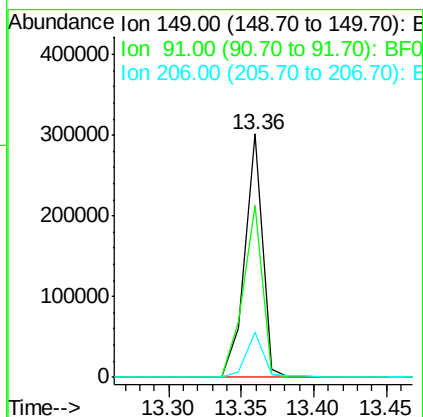
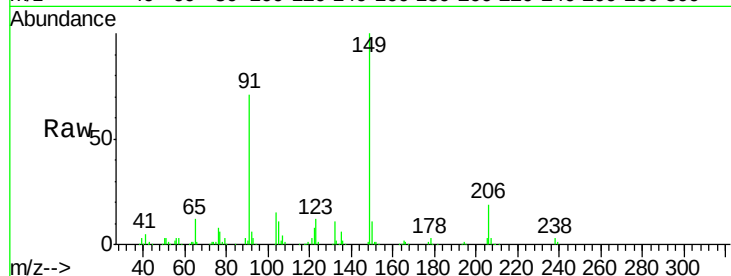




#79
Butylbenzylphthalate
Concen: 23.76 ng
RT: 13.36 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

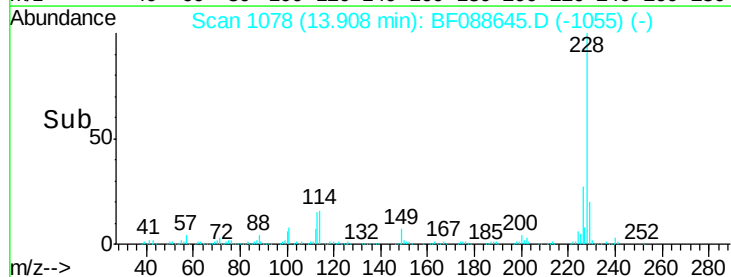
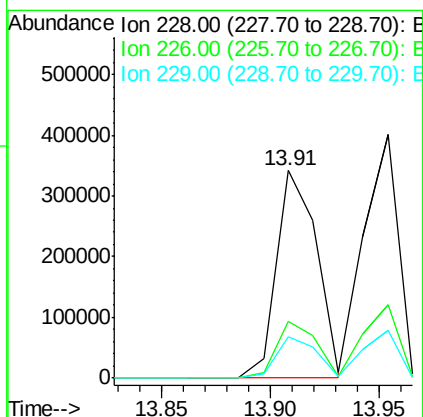
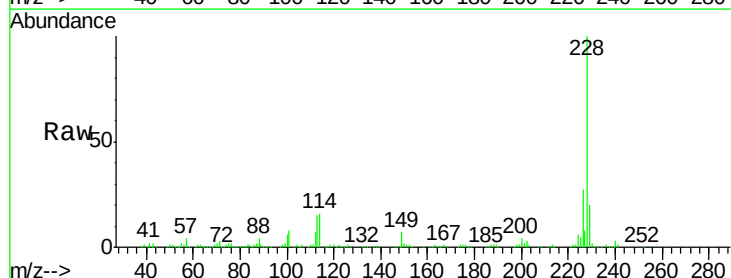
Instrument :
BNA_F
ClientSampleId :

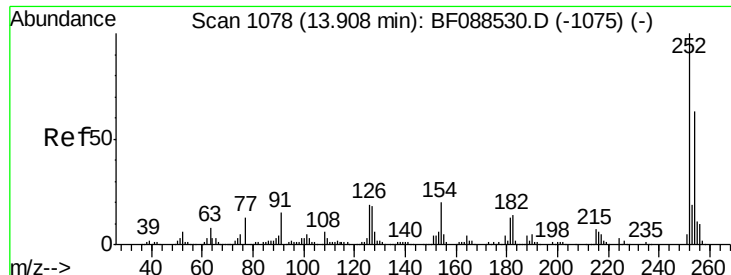
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.6	48.0	72.0
206	18.7	16.0	24.0



#80
Benzo(a)anthracene
Concen: 24.07 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.3	33.5
229	19.7	16.0	24.0

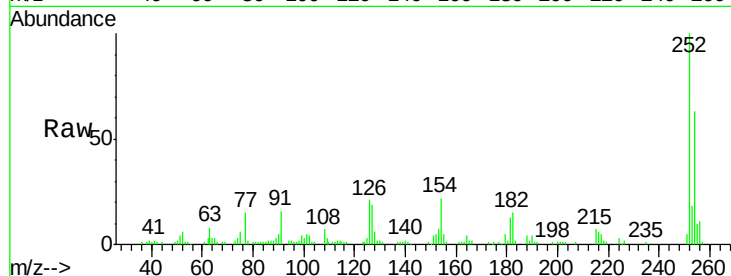




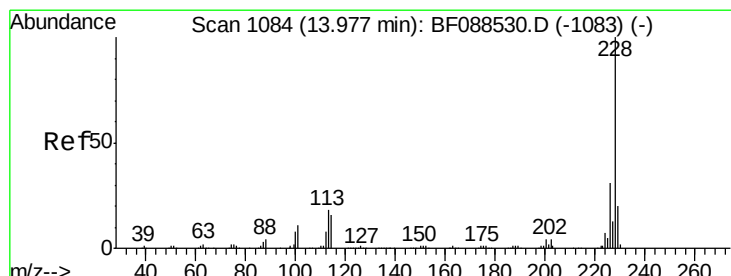
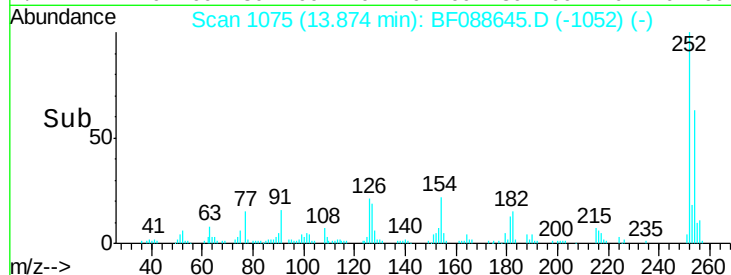
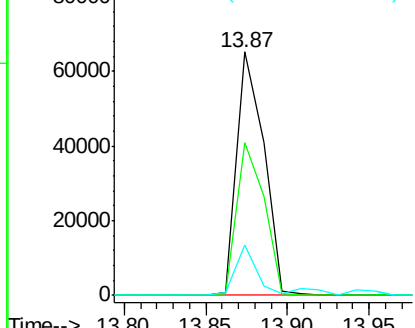
#81
 3,3'-Dichlorobenzidine
 Concen: 10.80 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 74422
 Ion Ratio Lower Upper
 252 100
 254 62.9 52.6 78.8
 126 20.6 6.2 9.2#

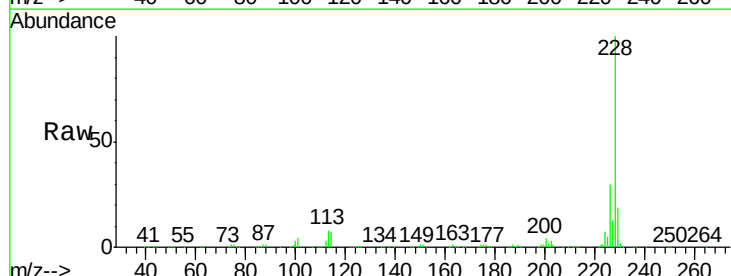


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

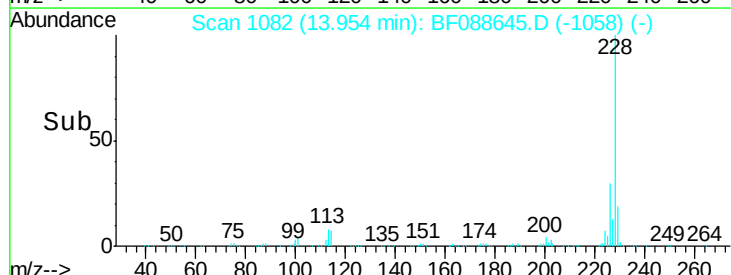
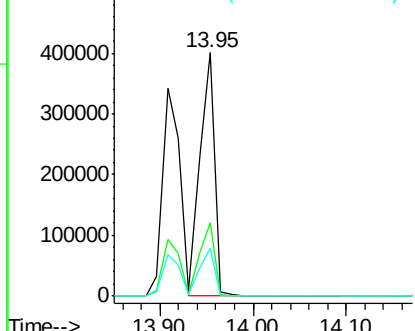


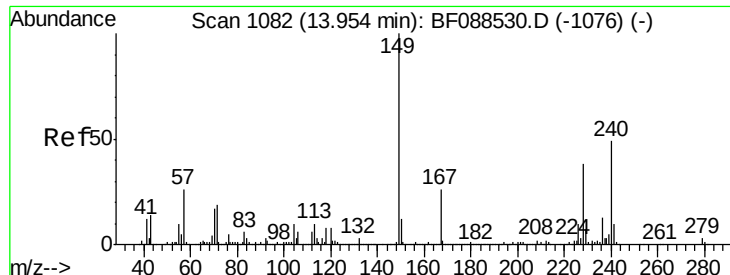
#82
 Chrysene
 Concen: 24.57 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion:228 Resp: 445570
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.4 38.2
 229 19.4 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: 25.32 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

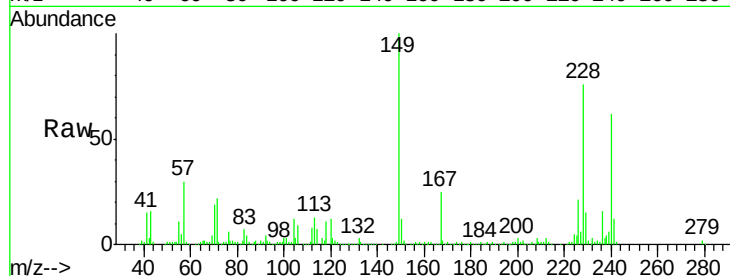
Tot Ion:149 Resp: 311175

Ion Ratio Lower Upper

149 100

167 25.0 20.5 30.7

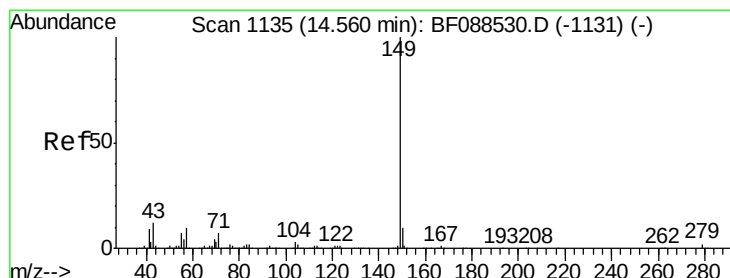
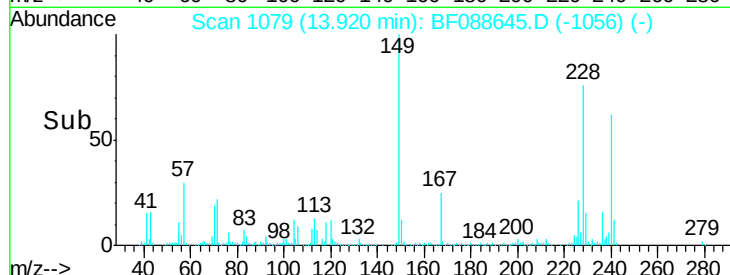
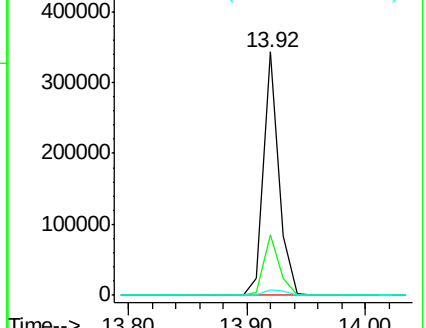
279 2.4 2.0 3.0



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: 26.66 ng

RT: 14.53 min Scan# 1132

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

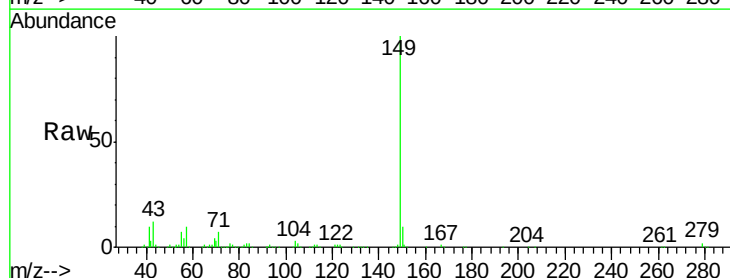
Tgt Ion:149 Resp: 556647

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

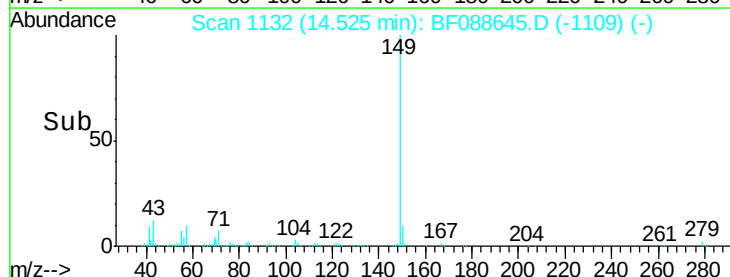
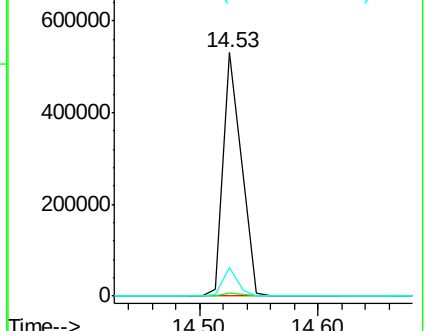
43 9.9 0.0 0.0#

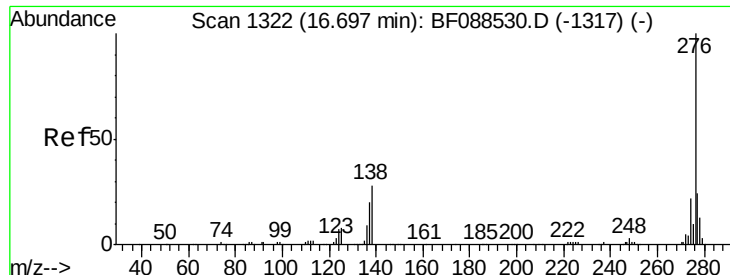


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

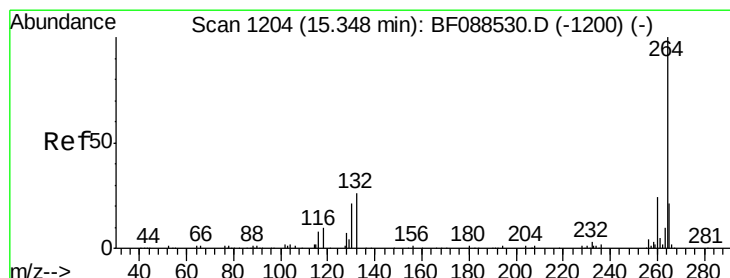
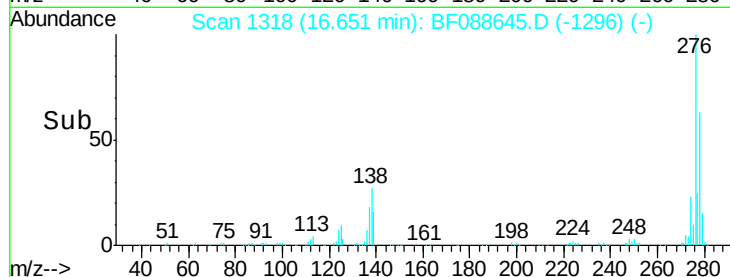
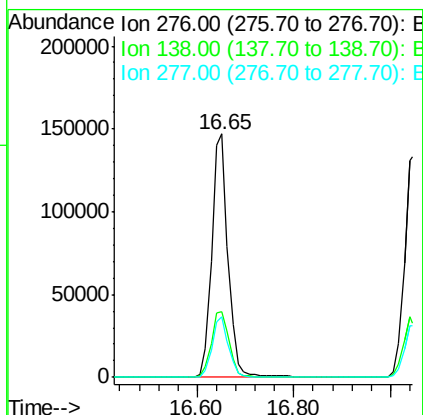
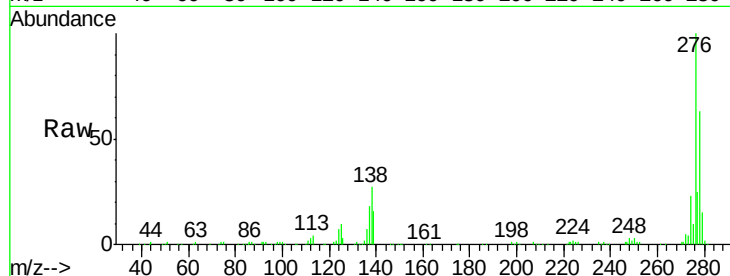




#85
Indeno(1,2,3-cd)pyrene
Concen: 25.11 ng
RT: 16.65 min Scan# 1318
Delta R.T. -0.05 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

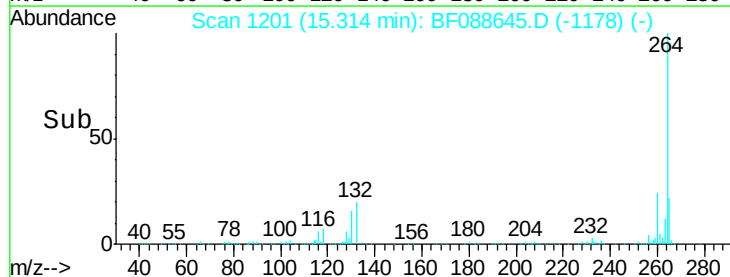
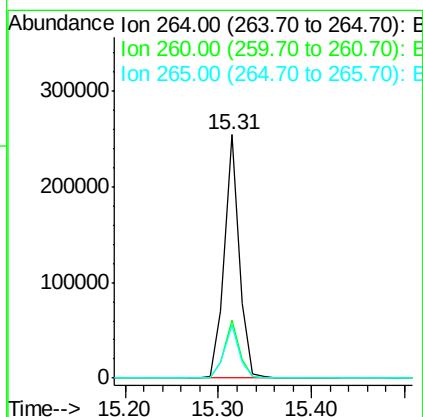
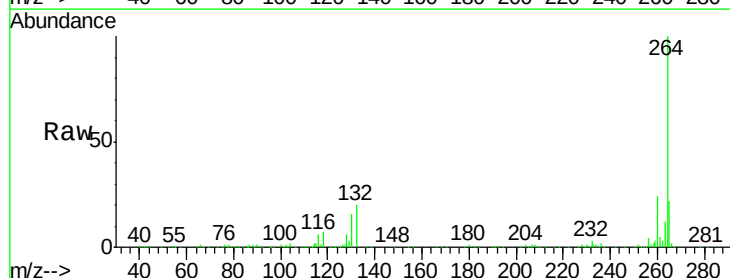
Instrument :
BNA_F
ClientSampleId :

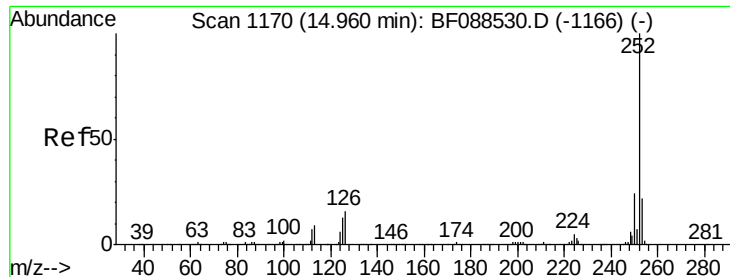
Tot Ion:276 Resp: 350316
Ion Ratio Lower Upper
276 100
138 29.7 0.0 0.0#
277 25.0 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion:264 Resp: 283731
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.5 16.9 25.3

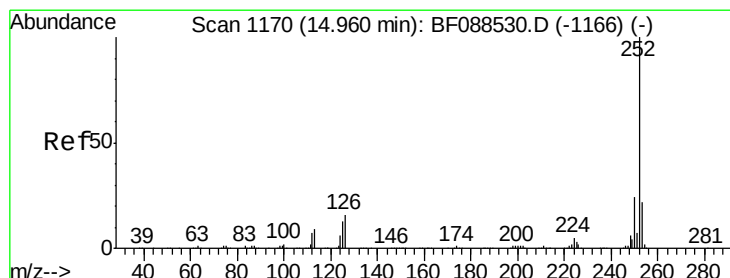
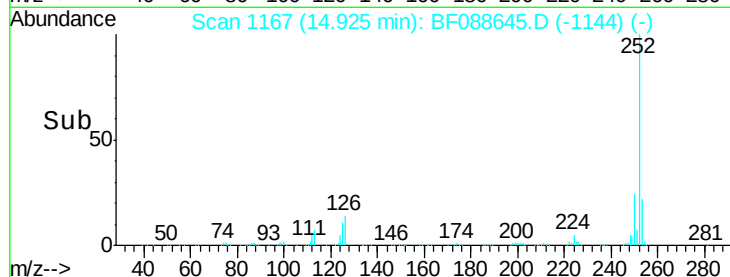
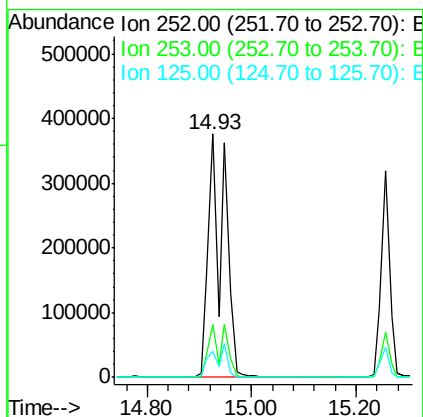
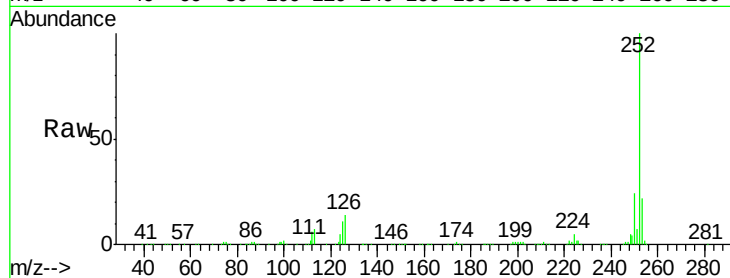




#87
Benzo(b)fluoranthene
Concen: 44.19 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

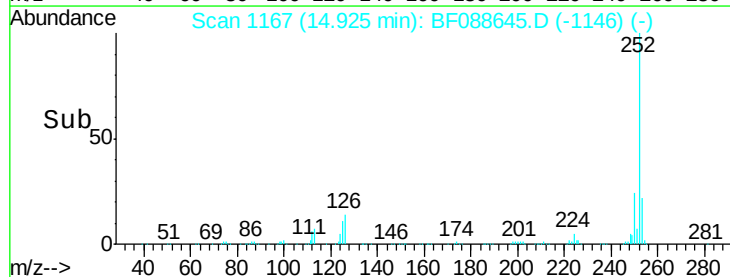
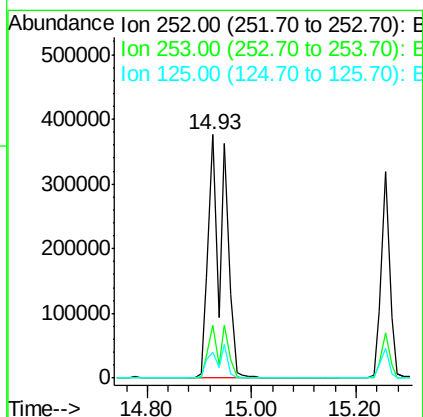
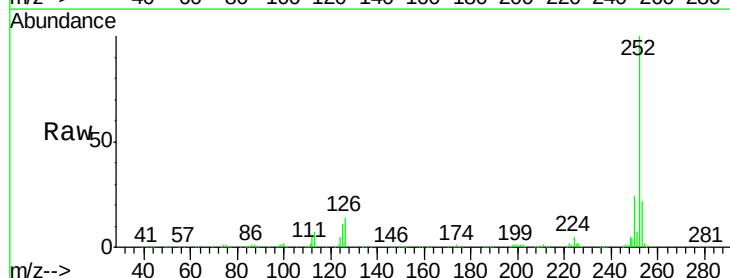
Instrument :
BNA_F
ClientSampleId :

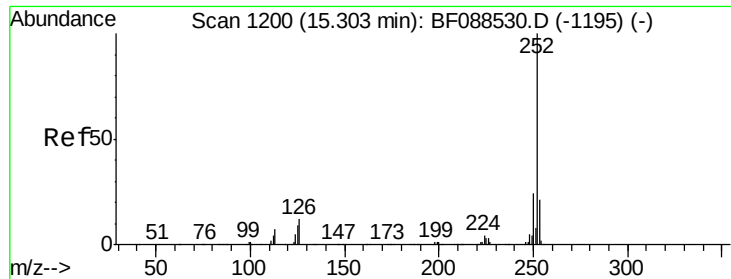
Tot Ion:252 Resp: 786482
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.7 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 50.76 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.06 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion:252 Resp: 786482
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 10.7 11.2 16.8#





#89

Benzo(a)pyrene

Concen: 24.68 ng

RT: 15.26 min Scan# 1196

Delta R.T. -0.05 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

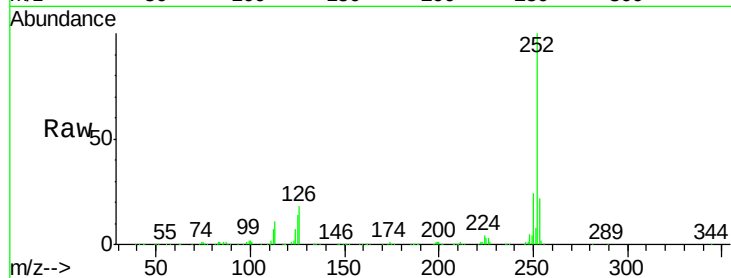
Tot Ion:252 Resp: 371967

Ion Ratio Lower Upper

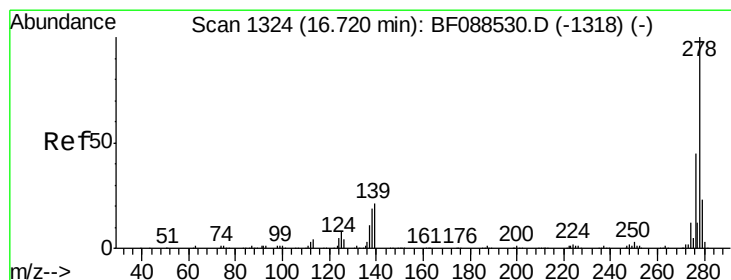
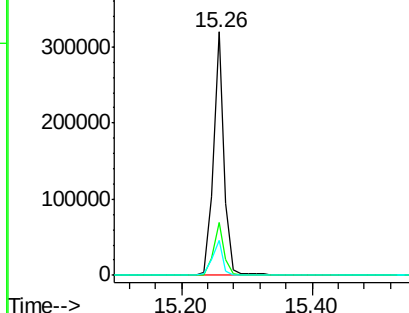
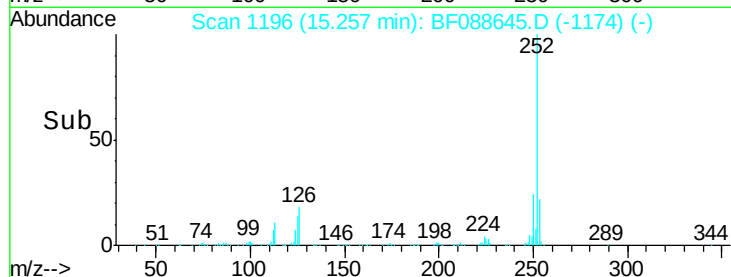
252 100

253 21.6 17.9 26.9

125 14.3 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: 23.01 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.06 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

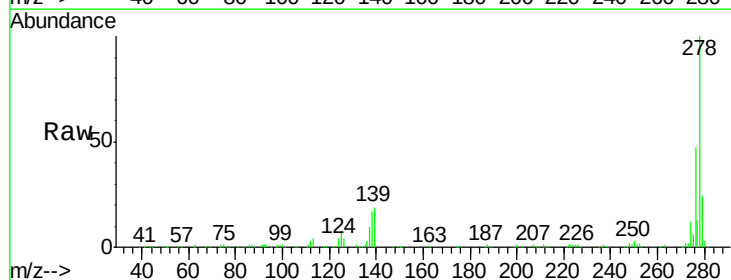
Tgt Ion:278 Resp: 289566

Ion Ratio Lower Upper

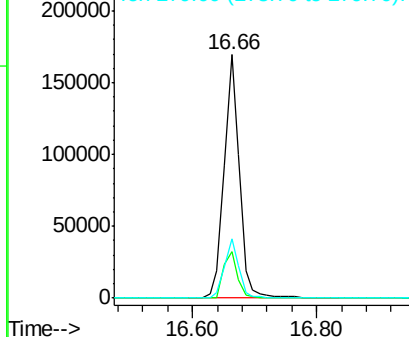
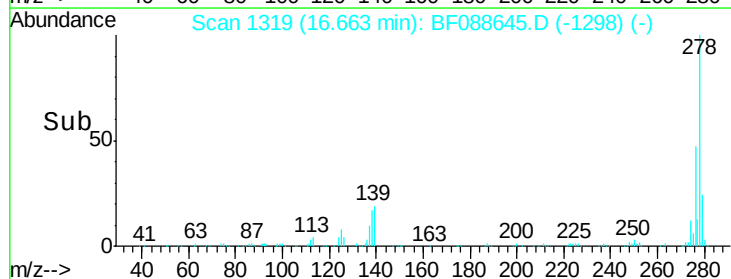
278 100

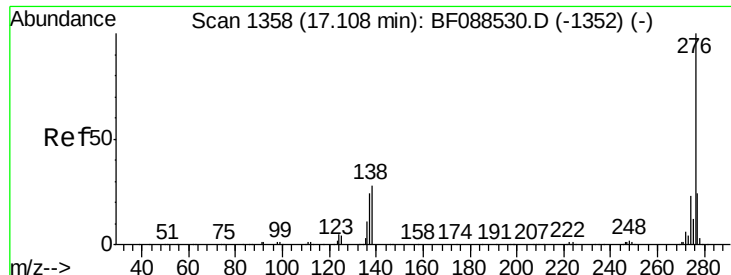
139 19.3 15.7 23.5

279 24.2 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

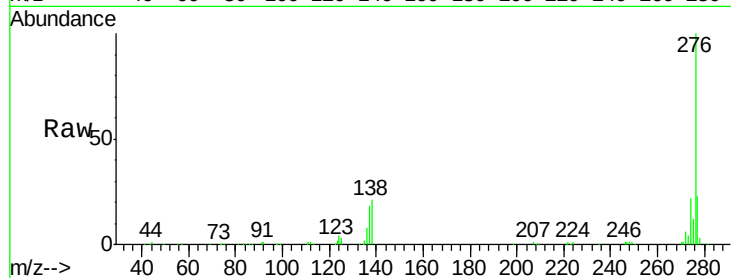




#91
 Benzo(a,h,i)perylene
 Concen: 21.86 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. -0.06 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.9	28.3
138	20.9	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

