

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088637.D
 Acq On : 3 Jul 2016 9:15
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 04:52:19 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	119000	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	485751	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	236445	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	435793	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	311436	20.00	ng	-0.02
86) Perylene-d12	15.33	264	307500	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	549765	69.24	ng	-0.03
7) Phenol-d6	6.42	99	717262	69.91	ng	-0.02
23) Nitrobenzene-d5	7.36	82	767073	82.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	187495	85.39	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1123470	75.05	ng	-0.02
78) Terphenyl-d14	12.89	244	1050416	75.12	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.33	88	135517	34.42	ng	# 34
3) Pyridine	3.02	79	402883	35.27	ng	92
4) n-Nitrosodimethylamine	2.97	42	152183	34.87	ng	87
6) Aniline	6.44	93	528206	35.33	ng	# 87
8) 2-Chlorophenol	6.57	128	326769	38.29	ng	98
9) Benzaldehyde	6.33	77	243148	34.99	ng	88
10) Phenol	6.43	94	370557	31.65	ng	# 65
11) bis(2-Chloroethyl)ether	6.52	93	306922	35.15	ng	92
12) 1,3-Dichlorobenzene	6.73	146	366199	39.00	ng	96
13) 1,4-Dichlorobenzene	6.81	146	355197	38.11	ng	96
14) 1,2-Dichlorobenzene	6.81	146	355197	40.71	ng	98
15) Benzyl Alcohol	6.94	79	304660	40.35	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	433030	34.24	ng	92
17) 2-Methylphenol	7.05	107	269552	38.72	ng	99
18) Hexachloroethane	7.30	117	139290	38.63	ng	# 86
19) n-Nitroso-di-n-propylamine	7.21	70	235295	34.14	ng	92
20) 3+4-Methylphenols	7.20	107	321521	38.48	ng	# 55
22) Acetophenone	7.20	105	441362	37.44	ng	# 85
24) Nitrobenzene	7.37	77	336337	35.99	ng	# 81
25) Isophorone	7.62	82	667602	38.88	ng	99
26) 2-Nitrophenol	7.69	139	175196	45.71	ng	93
27) 2,4-Dimethylphenol	7.74	122	330559	41.41	ng	92
28) bis(2-Chloroethoxy)methane	7.83	93	403632	36.12	ng	# 95
29) 2,4-Dichlorophenol	7.93	162	248409	38.51	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	290415	41.02	ng	97
31) Naphthalene	8.10	128	973010	40.63	ng	98
32) Benzoic acid	7.86	122	233408	40.28	ng	94
33) 4-Chloroaniline	8.15	127	456449	42.84	ng	98
34) Hexachlorobutadiene	8.22	225	148174	39.09	ng	99
35) Caprolactam	8.52	113	95477	43.58	ng	91
36) 4-Chloro-3-methylphenol	8.63	107	280866	36.82	ng	93
37) 2-Methylnaphthalene	8.89	142	566059	36.71	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	313738	39.89	ng	# 1
40) Hexachlorocyclopentadiene	8.95	237	160919	41.69	ng	98

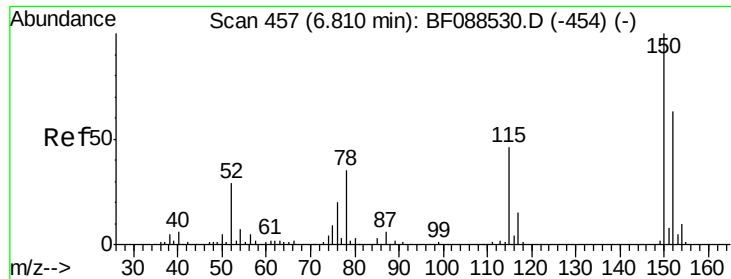
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	181262	34.96	nq	97
43) 2,4,5-Trichlorophenol	9.11	196	192752	43.21	nq	97
45) 1,1'-Biphenyl	9.26	154	777898	39.73	nq	96
46) 2-Chloronaphthalene	9.28	162	595074	38.71	nq	93
47) 2-Nitroaniline	9.37	65	230567	42.27	nq	87
48) Acenaphthylene	9.69	152	985720	40.30	nq	99
49) Dimethylphthalate	9.55	163	594430	35.29	nq	100
50) 2,6-Dinitrotoluene	9.61	165	134121	35.92	nq	# 48
51) Acenaphthene	9.86	154	612228	40.84	nq	99
52) 3-Nitroaniline	9.78	138	202627	42.70	nq	96
53) 2,4-Dinitrophenol	9.88	184	86709	52.60	nq	# 78
54) Dibenzofuran	10.03	168	783726	39.94	nq	95
55) 4-Nitrophenol	9.94	139	159769	44.30	nq	# 77
56) 2,4-Dinitrotoluene	10.01	165	174736	35.80	nq	# 51
57) Fluorene	10.38	166	578992	38.29	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	142481	41.28	nq	# 50
59) Diethylphthalate	10.25	149	621453	36.76	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	256304	36.48	nq	96
61) 4-Nitroaniline	10.39	138	163762	35.86	nq	85
62) Azobenzene	10.52	77	732078	37.96	nq	95
64) 4,6-Dinitro-2-methylphenol	10.42	198	112960	48.46	nq	# 77
65) n-Nitrosodiphenylamine	10.49	169	553404	37.52	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	175799	40.03	nq	98
67) Hexachlorobenzene	10.91	284	179625	36.95	nq	# 88
68) Atrazine	11.02	200	189703	41.28	nq	95
69) Pentachlorophenol	11.11	266	119329	41.48	nq	98
70) Phenanthrene	11.32	178	818627	34.36	nq	99
71) Anthracene	11.38	178	954348	40.29	nq	99
72) Carbazole	11.53	167	767902	34.44	nq	99
73) Di-n-butylphthalate	11.87	149	1003124	38.68	nq	99
74) Fluoranthene	12.51	202	963846	39.91	nq	94
76) Benzidine	12.63	184	484273	30.76	nq	99
77) Pyrene	12.73	202	929691	35.21	nq	100
79) Butylbenzylphthalate	13.36	149	395968	33.62	nq	# 73
80) Benzo(a)anthracene	13.92	228	766919	38.24	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	282288	37.44	nq	# 96
82) Chrysene	13.95	228	659399	33.23	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	525871	39.11	nq	# 96
84) Di-n-octyl phthalate	14.54	149	1005234	44.00	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.66	276	597149	39.12	nq	# 100
87) Benzo(b)fluoranthene	14.96	252	1355936	70.29	nq	# 96
88) Benzo(k)fluoranthene	14.96	252	1355936	80.75	nq	99
89) Benzo(a)pyrene	15.27	252	626431	38.36	nq	96
90) Dibenzo(a,h)anthracene	16.67	278	510629	37.44	nq	98
91) Benzo(g,h,i)perylene	17.06	276	514849	36.48	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampled :

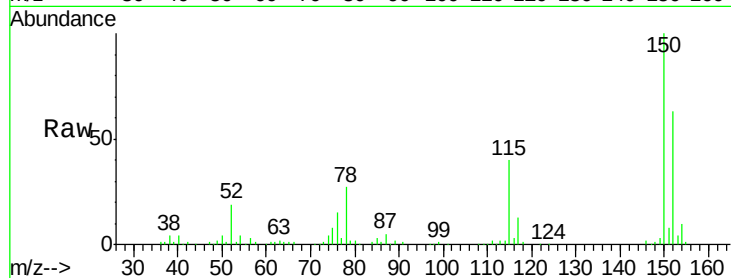
Tot Ion:152 Resp: 119000

Ion Ratio Lower Upper

152 100

150 157.5 123.8 185.6

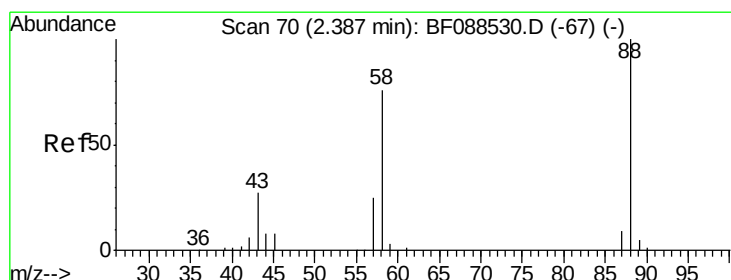
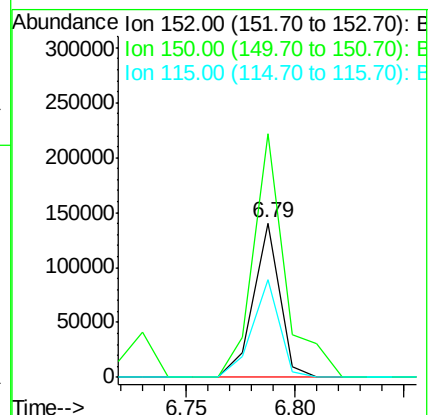
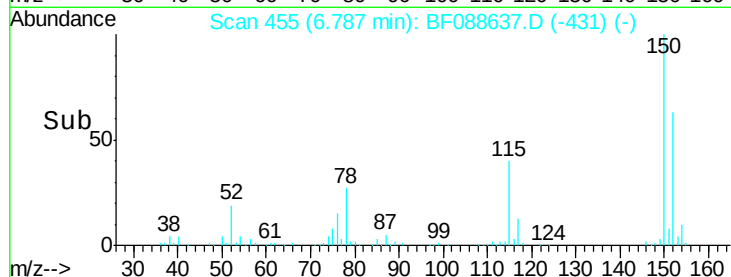
115 62.9 39.6 59.4#



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: 34.42 ng

RT: 2.33 min Scan# 65

Delta R.T. -0.06 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

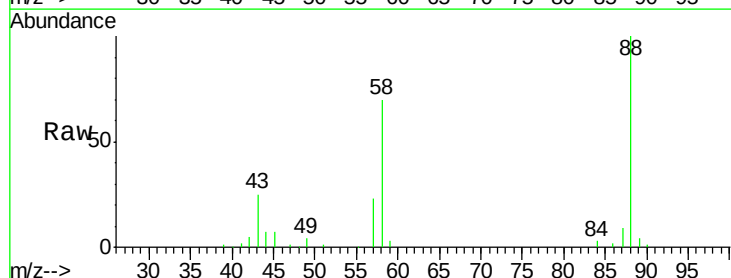
Tgt Ion: 88 Resp: 135517

Ion Ratio Lower Upper

88 100

58 71.3 0.0 0.0#

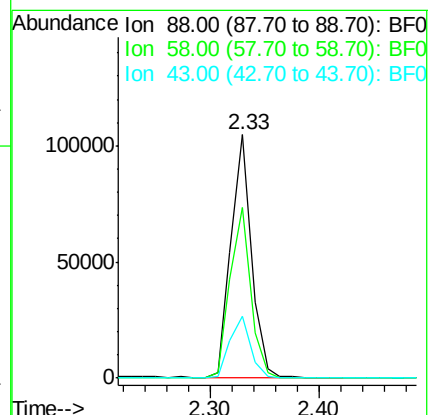
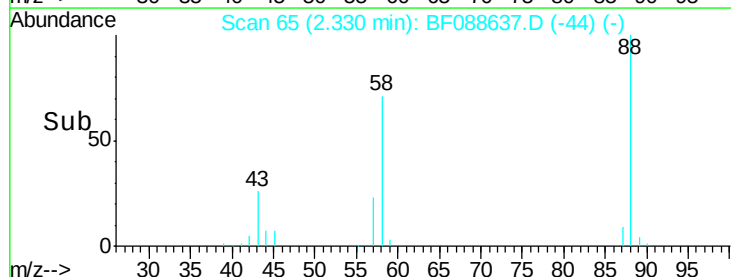
43 26.1 3.4 5.2#

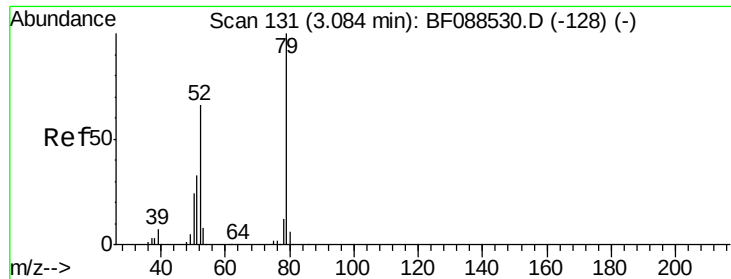


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.27 ng

RT: 3.02 min Scan# 125

Delta R.T. -0.07 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampled :

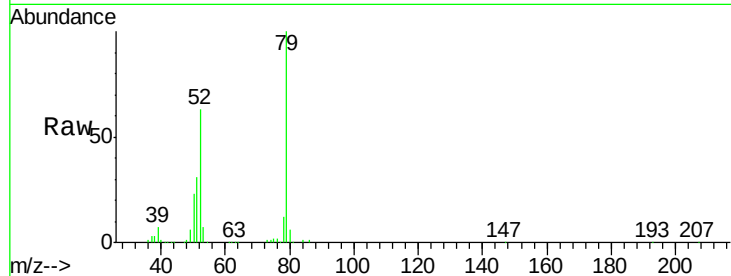
Tot Ion: 79 Resp: 402883

Ion Ratio Lower Upper

79 100

52 62.9 56.3 84.5

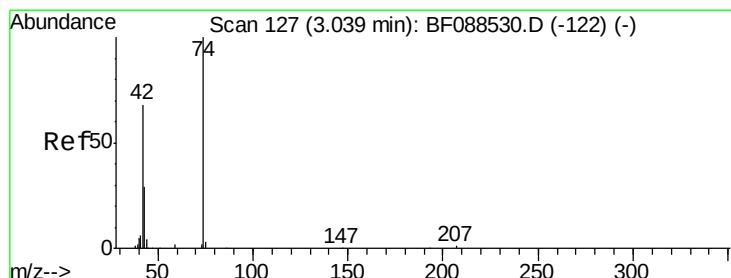
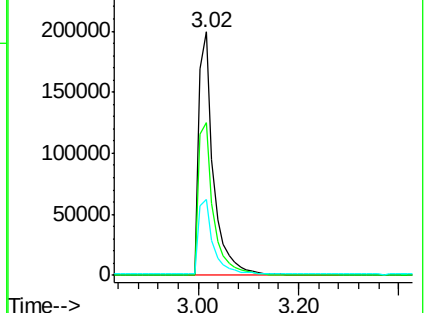
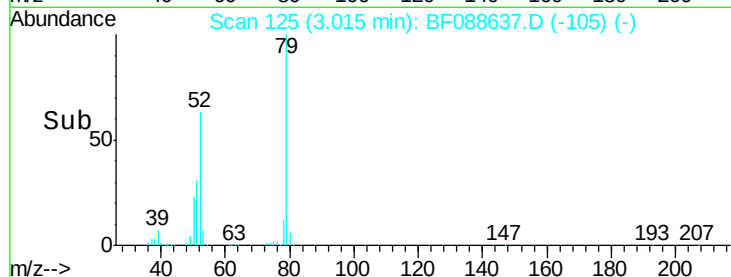
51 31.4 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.87 ng

RT: 2.97 min Scan# 121

Delta R.T. -0.07 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

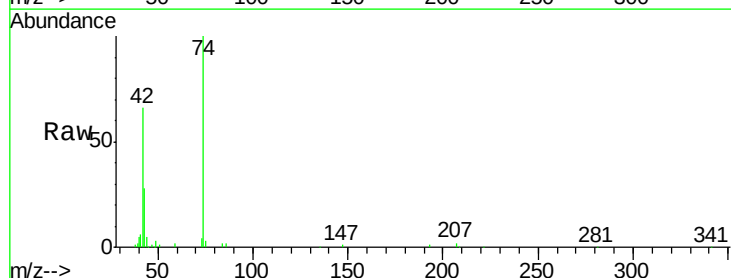
Tgt Ion: 42 Resp: 152183

Ion Ratio Lower Upper

42 100

74 151.7 108.6 163.0

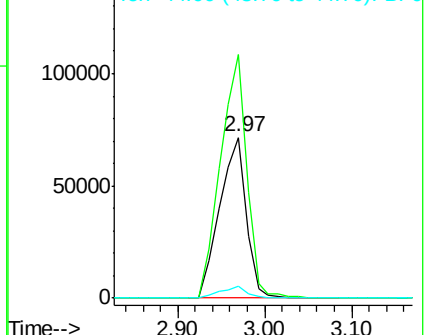
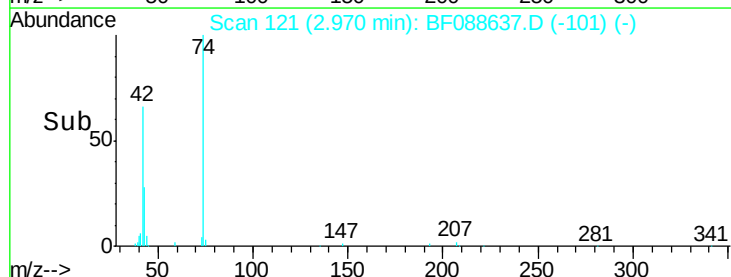
44 7.1 5.5 8.3

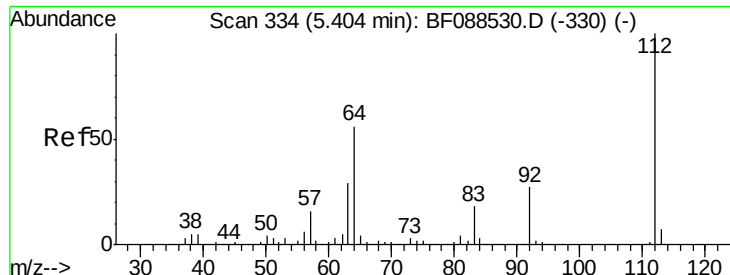


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 69.24 ng

RT: 5.37 min Scan# 331

Delta R.T. -0.03 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampleId :

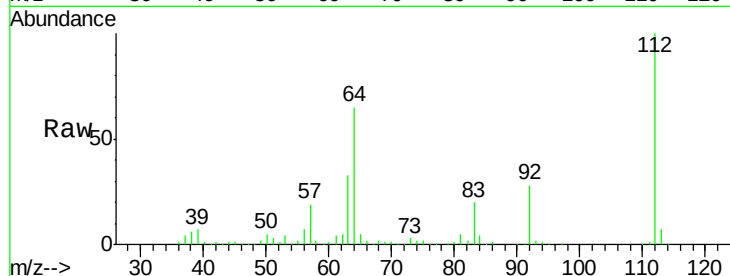
Tot Ion: 112 Resp: 549765

Ion Ratio Lower Upper

112 100

64 65.1 42.2 63.2#

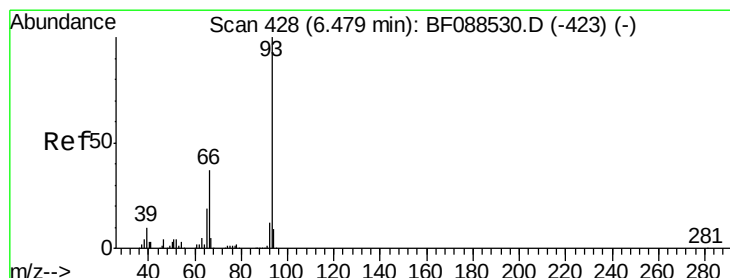
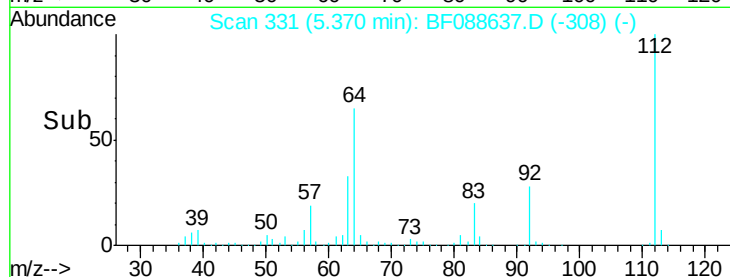
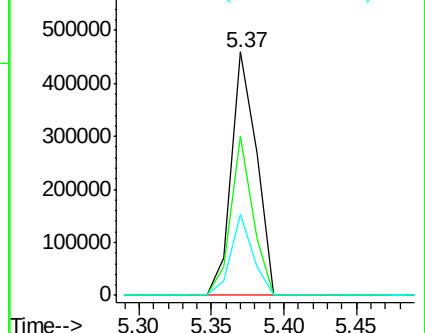
63 33.2 21.8 32.8#



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: 35.33 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

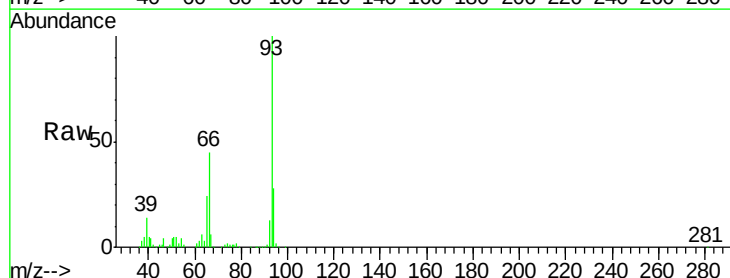
Tgt Ion: 93 Resp: 528206

Ion Ratio Lower Upper

93 100

66 45.1 29.8 44.8#

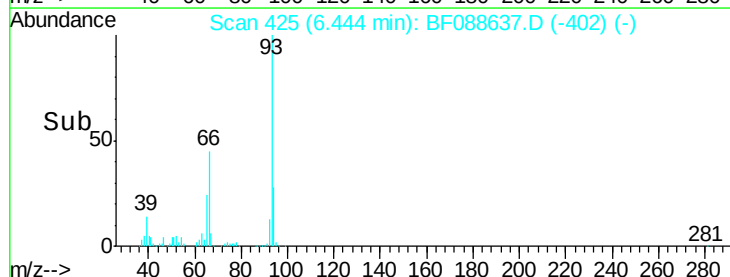
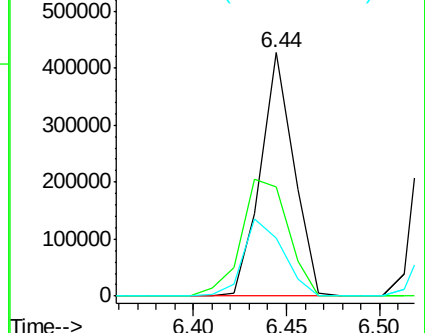
65 24.1 14.9 22.3#

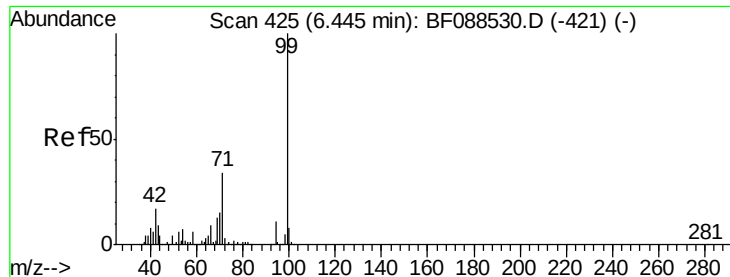


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 69.91 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampleId :

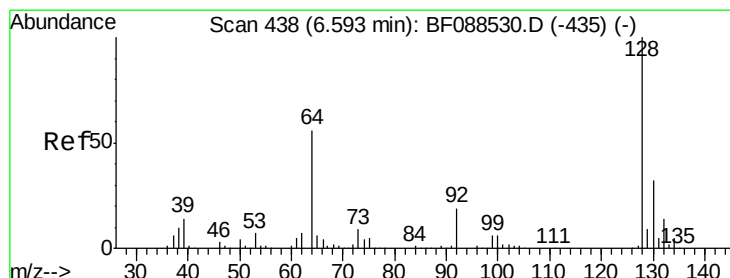
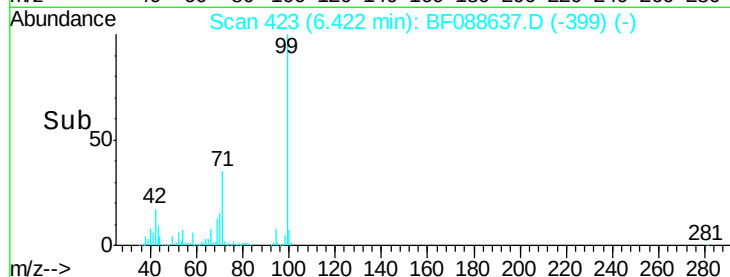
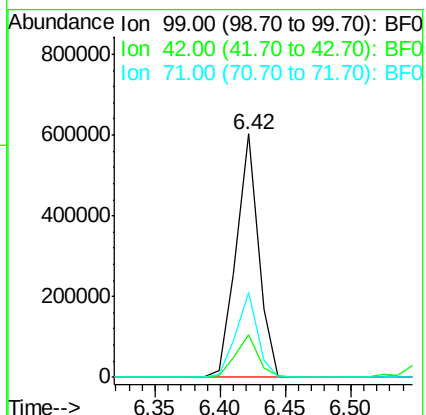
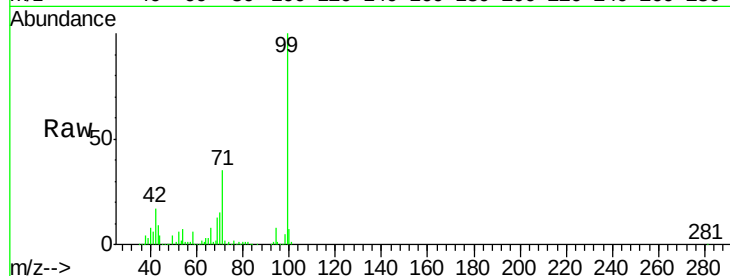
Tot Ion: 99 Resp: 717262

Ion Ratio Lower Upper

99 100

42 17.3 12.2 18.2

71 34.8 23.4 35.0



#8

2-Chlorophenol

Concen: 38.29 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

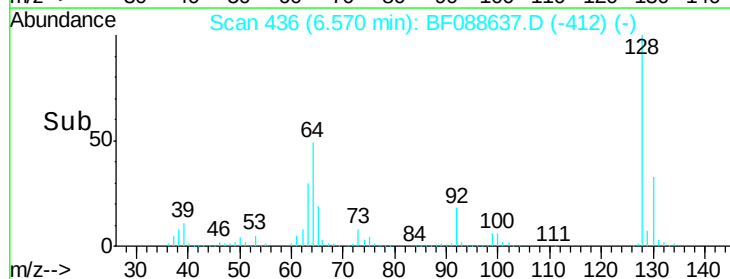
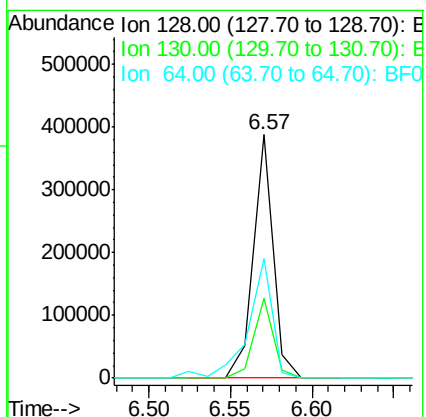
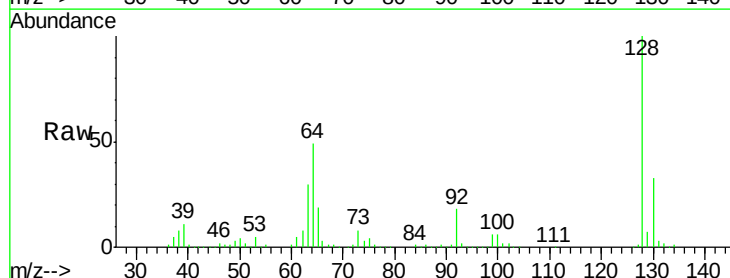
Tgt Ion: 128 Resp: 326769

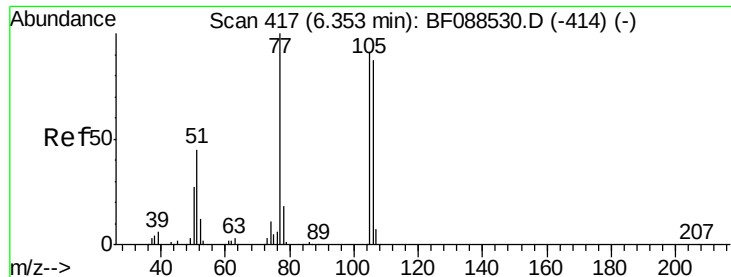
Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

64 48.8 30.8 70.8





#9

Benzaldehyde

Concen: 34.99 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampled :

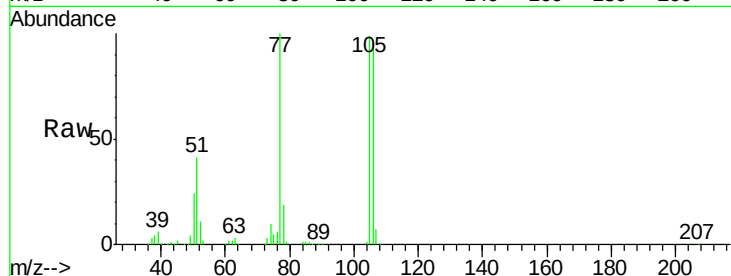
Tot Ion: 77 Resp: 243148

Ion Ratio Lower Upper

77 100

105 98.7 90.6 130.6

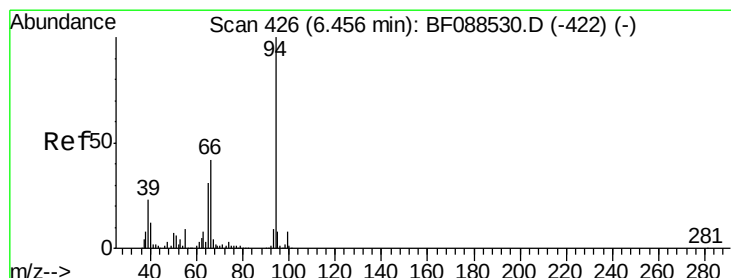
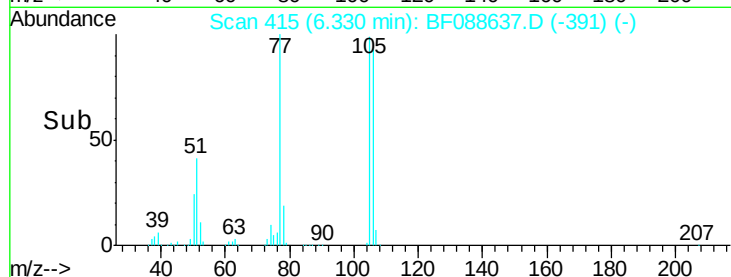
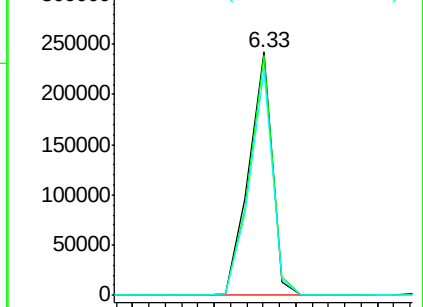
106 92.5 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 31.65 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

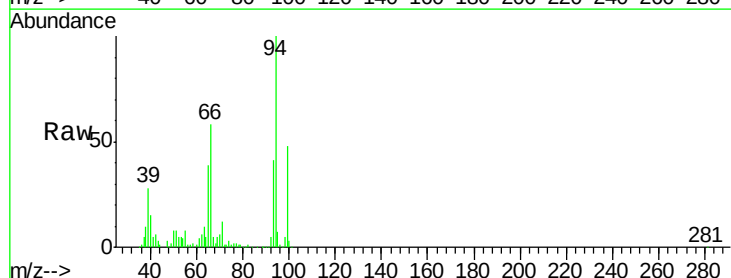
Tgt Ion: 94 Resp: 370557

Ion Ratio Lower Upper

94 100

65 38.6 5.9 45.9

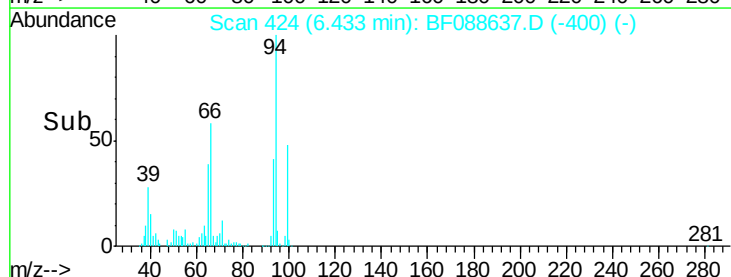
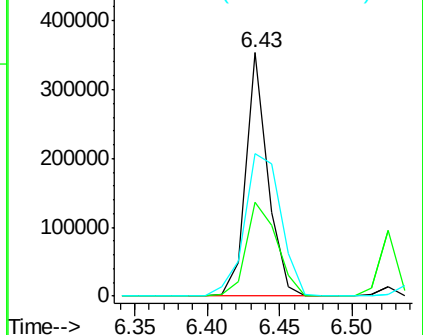
66 58.3 14.0 54.0#

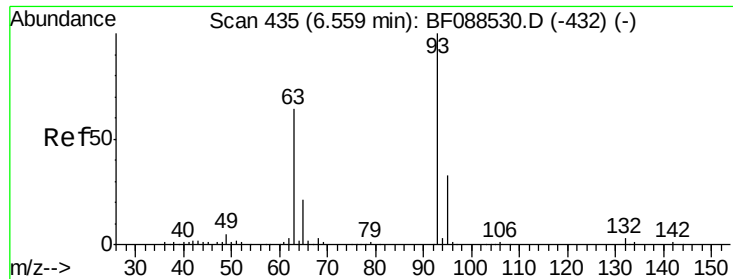


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.15 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampleId :

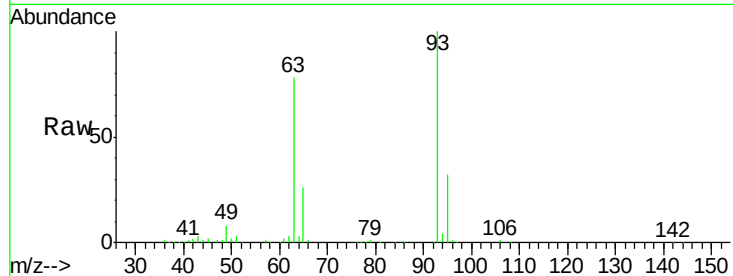
Tot Ion: 93 Resp: 306922

Ion Ratio Lower Upper

93 100

63 78.0 67.6 107.6

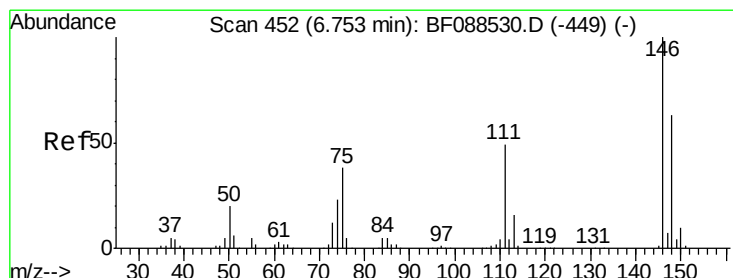
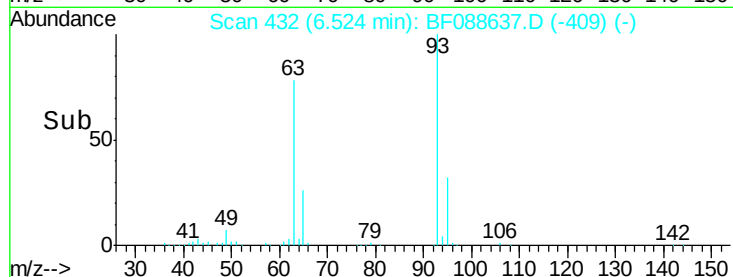
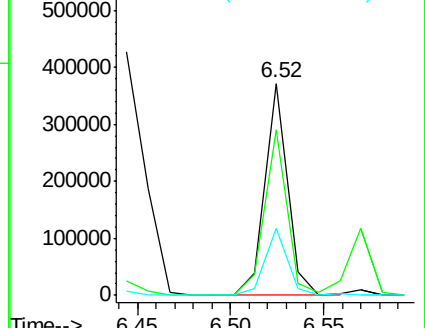
95 31.6 12.5 52.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.00 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

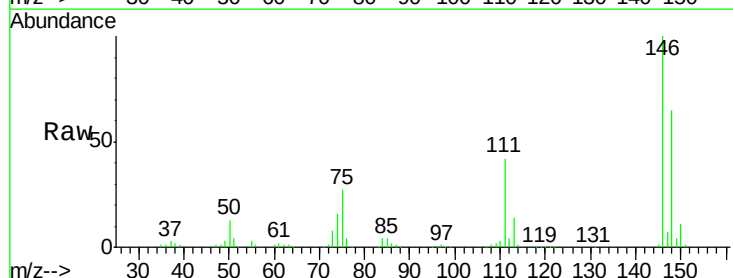
Tgt Ion: 146 Resp: 366199

Ion Ratio Lower Upper

146 100

148 65.3 50.9 76.3

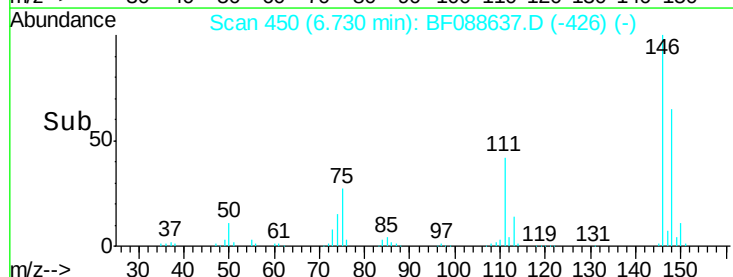
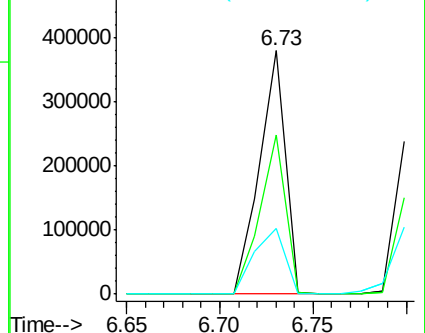
75 27.0 25.6 38.4

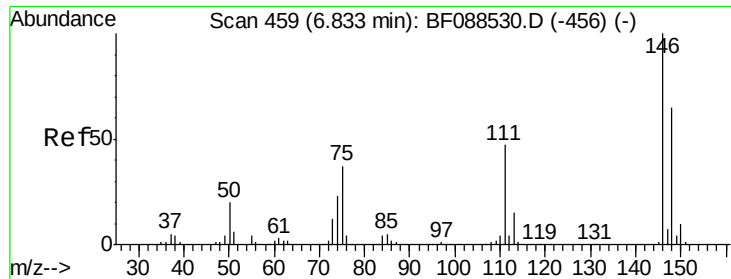


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

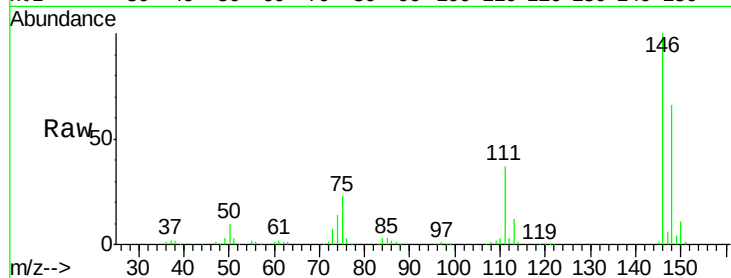




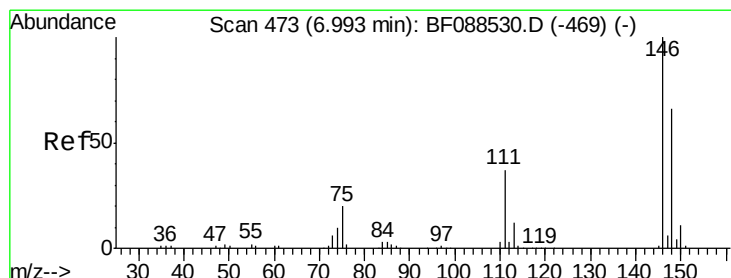
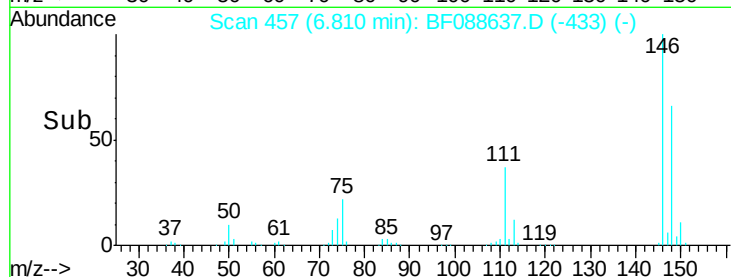
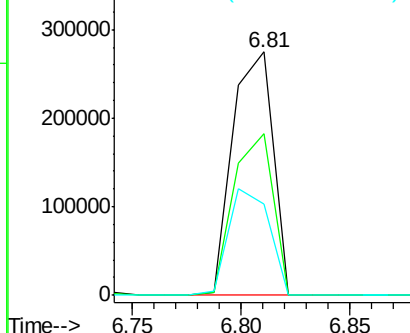
#13
 1,4-Dichlorobenzene
 Concen: 38.11 ng
 RT: 6.81 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 355197
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.0 78.0
 111 37.4 33.8 50.8

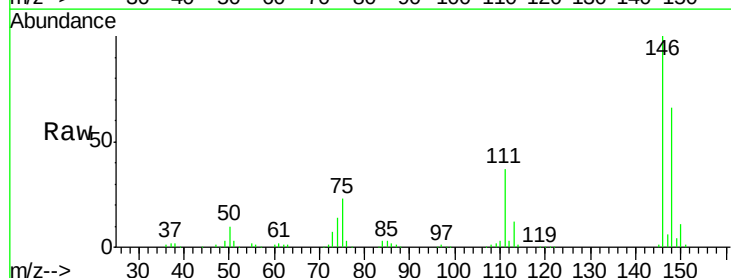


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

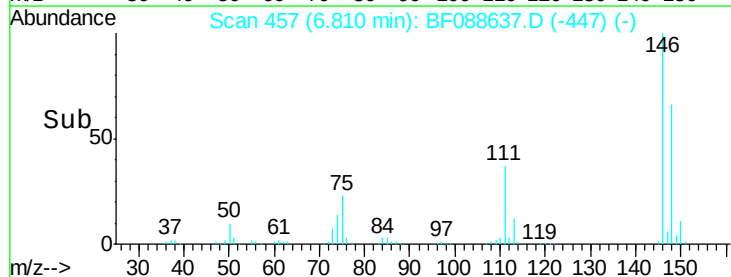
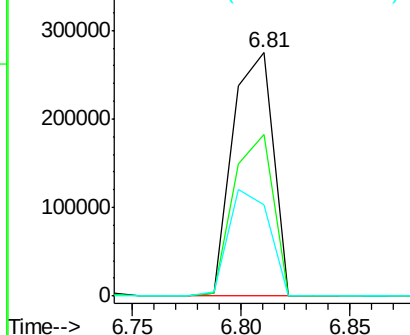


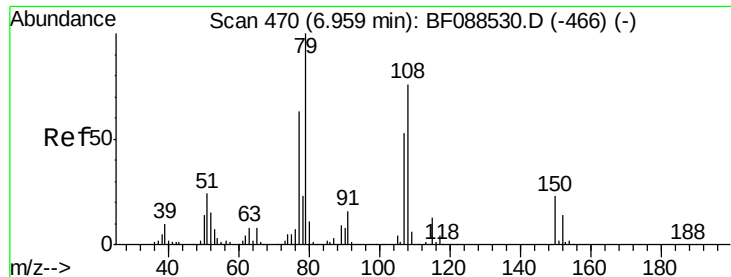
#14
 1,2-Dichlorobenzene
 Concen: 40.71 ng
 RT: 6.81 min Scan# 457
 Delta R.T. -0.18 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Tgt Ion:146 Resp: 355197
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.3 78.5
 111 37.4 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

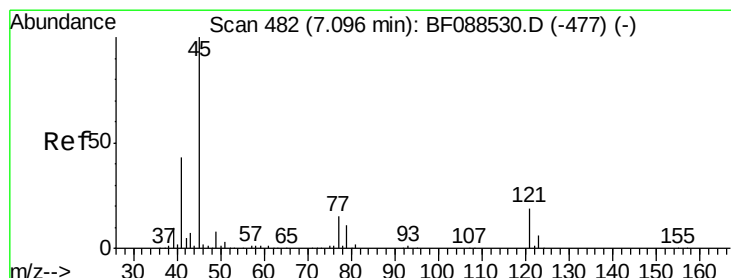
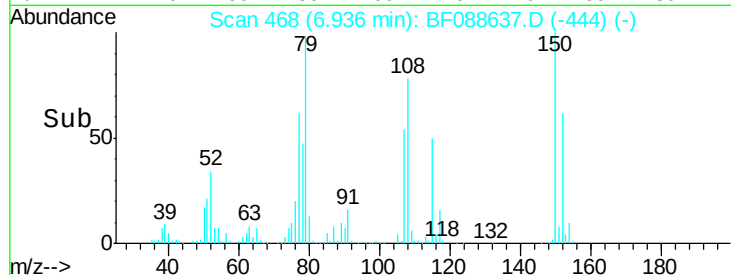
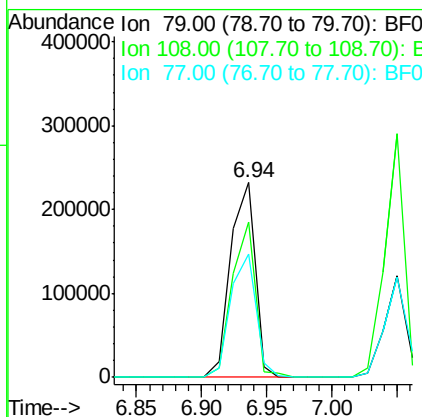
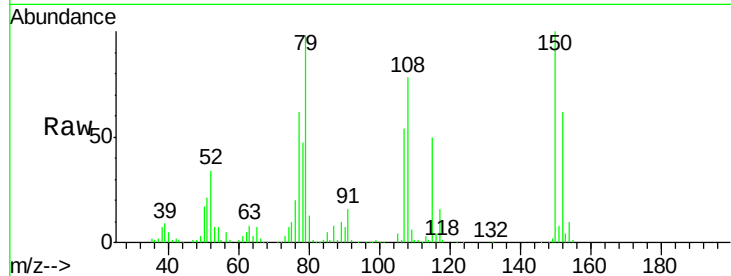




#15
Benzyl Alcohol
Concen: 40.35 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF088637.D
Acq: 3 Jul 2016 9:15

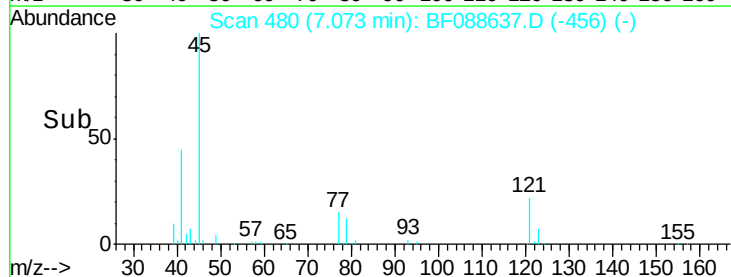
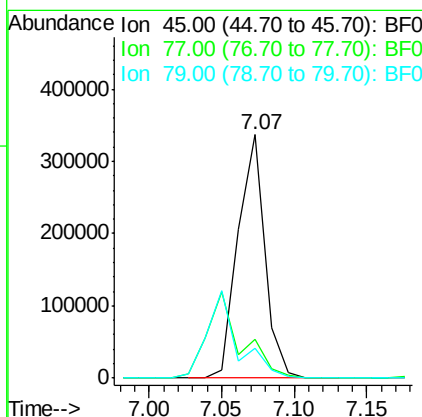
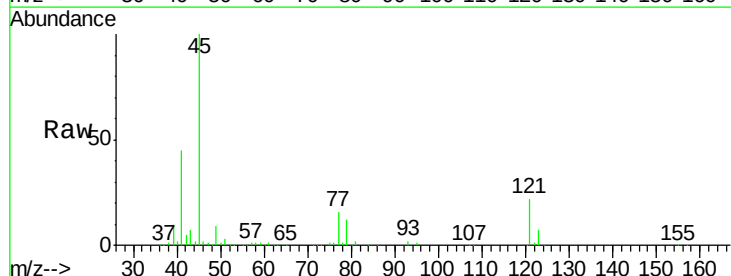
Instrument :
BNA_F
ClientSampleId :

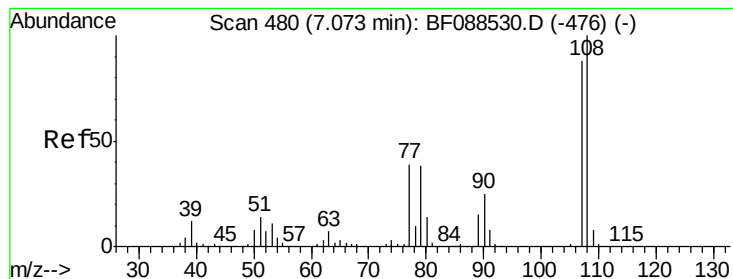
Tot Ion: 79 Resp: 304660
Ion Ratio Lower Upper
79 100
108 79.6 65.0 97.6
77 63.3 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.24 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.02 min
Lab File: BF088637.D
Acq: 3 Jul 2016 9:15

Tgt Ion: 45 Resp: 433030
Ion Ratio Lower Upper
45 100
77 15.8 0.0 32.5
79 12.2 0.0 29.5

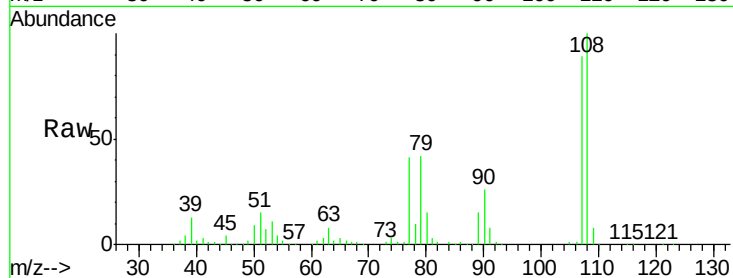




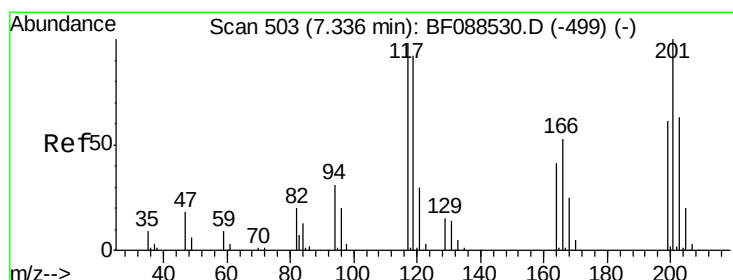
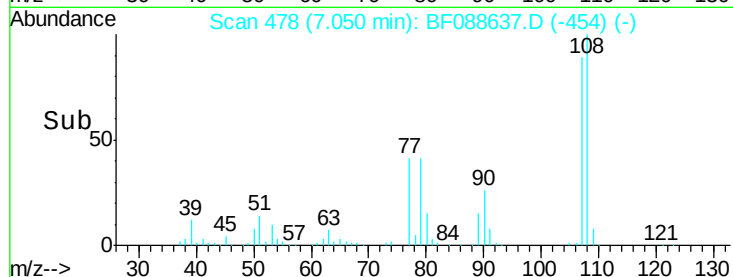
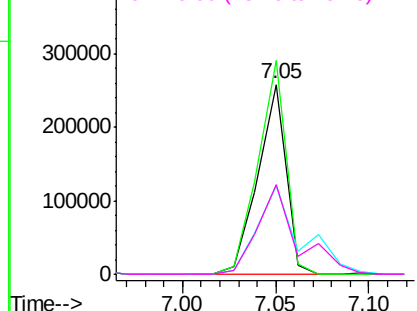
#17
2-Methylphenol
Concen: 38.72 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF088637.D
Acq: 3 Jul 2016 9:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	269552
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.9	136.3
77	46.5	36.6	55.0
79	46.9	36.5	54.7

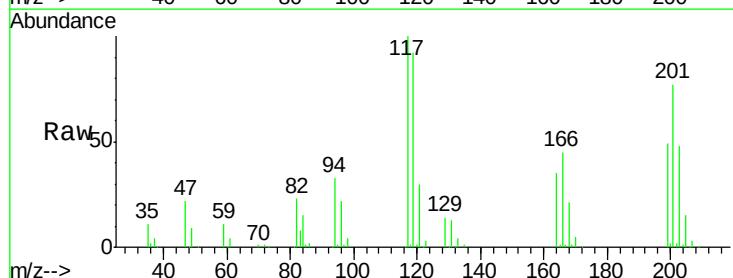


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

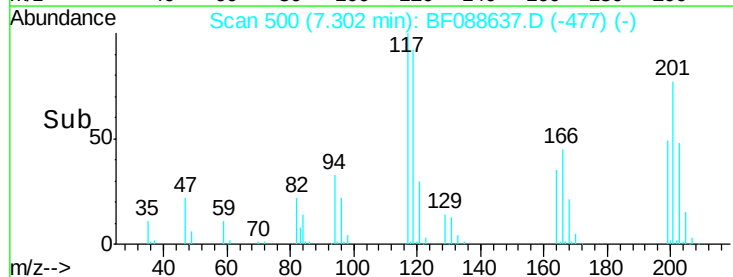
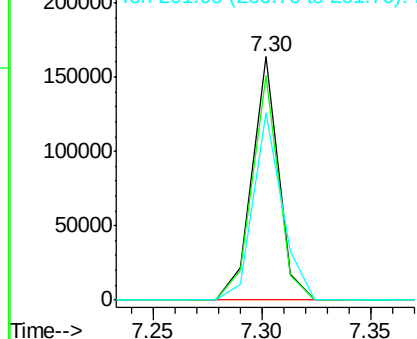


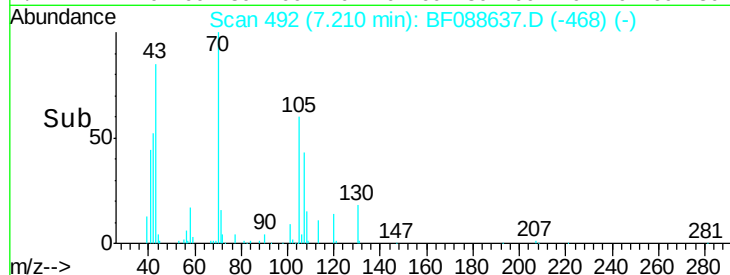
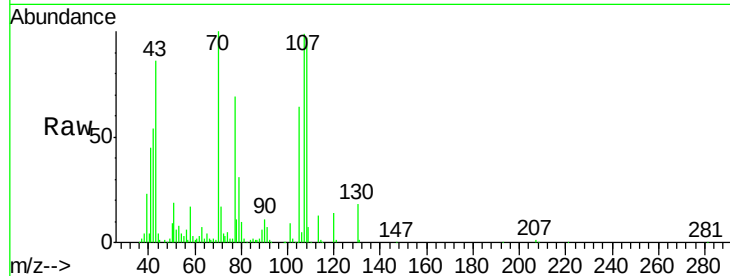
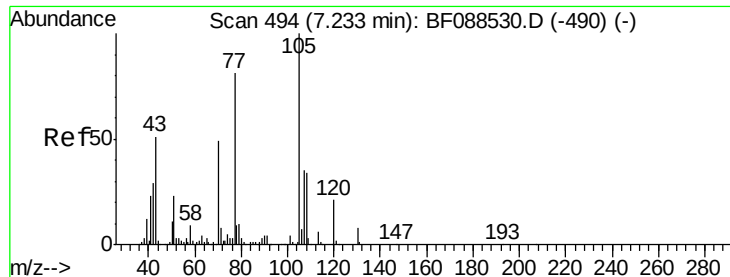
#18
Hexachloroethane
Concen: 38.63 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.03 min
Lab File: BF088637.D
Acq: 3 Jul 2016 9:15

Tgt Ion:	117	Resp:	139290
Ion	Ratio	Lower	Upper
117	100		
119	92.2	77.4	116.2
201	77.1	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

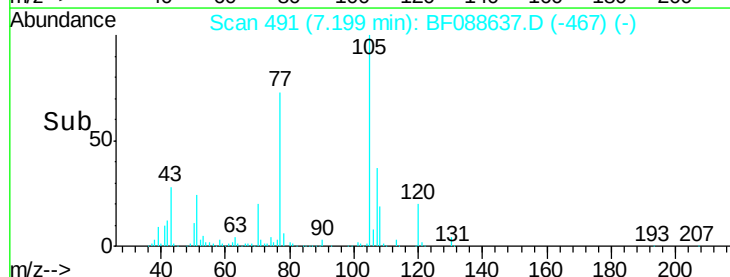
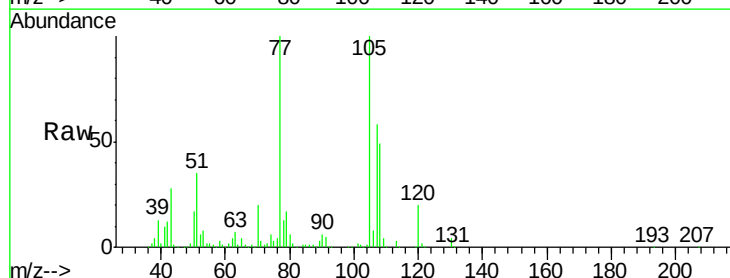
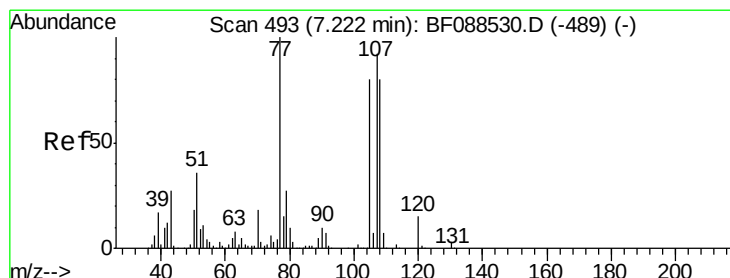
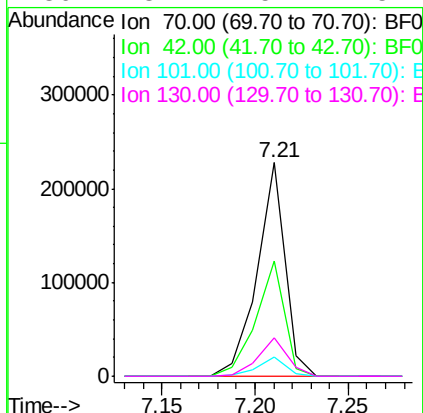




#19
n-Nitroso-di-n-propylamine
Concen: 34.14 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF088637.D
Acq: 3 Jul 2016 9:15

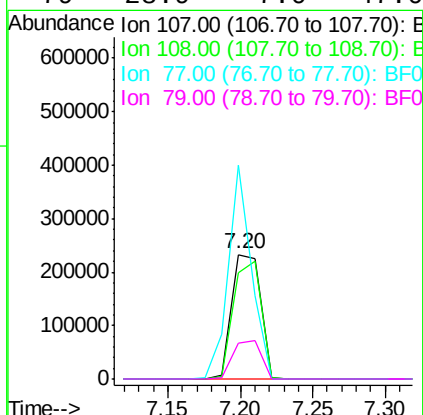
Instrument :
BNA_F
ClientSampleId :

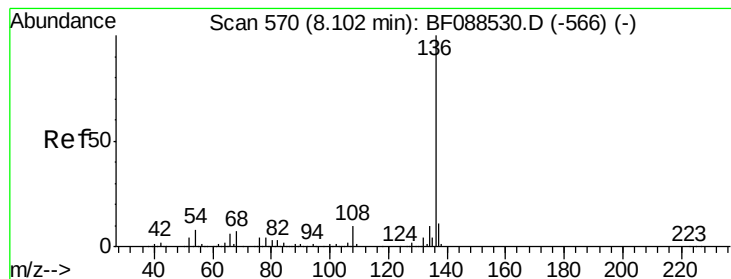
Tot Ion: 70 Resp: 235295
Ion Ratio Lower Upper
70 100
42 53.9 49.6 74.4
101 9.1 7.1 10.7
130 18.1 15.4 23.2



#20
3+4-Methylphenols
Concen: 38.48 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF088637.D
Acq: 3 Jul 2016 9:15

Tgt Ion:107 Resp: 321521
Ion Ratio Lower Upper
107 100
108 85.1 67.8 107.8
77 171.9 59.3 99.3#
79 28.9 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 485751

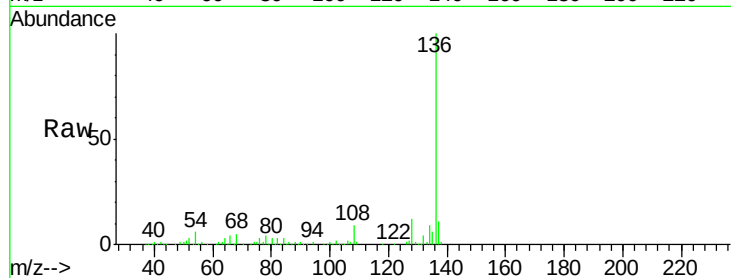
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.9 6.6 10.0#

68 5.3 5.1 7.7

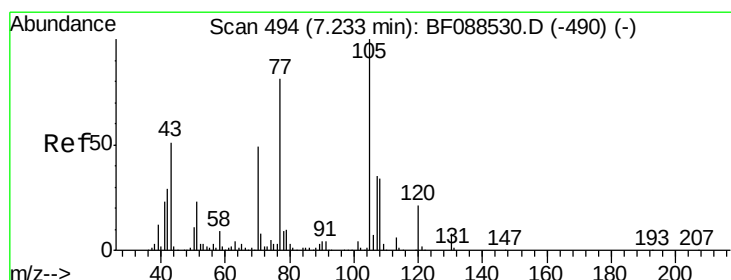
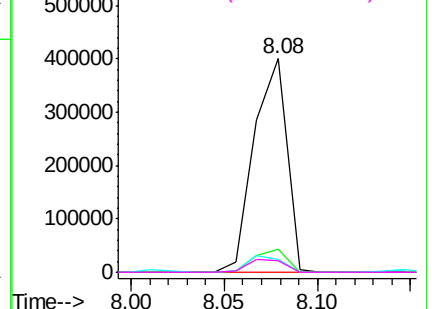
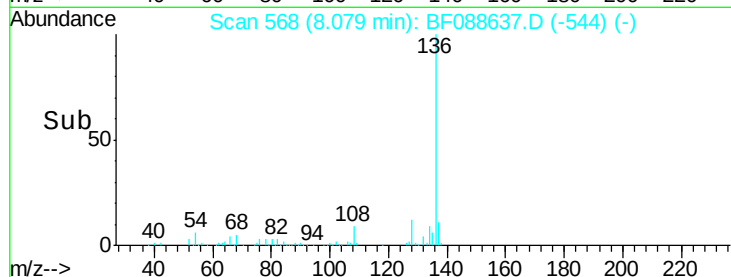


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 37.44 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Tgt Ion:105 Resp: 441362

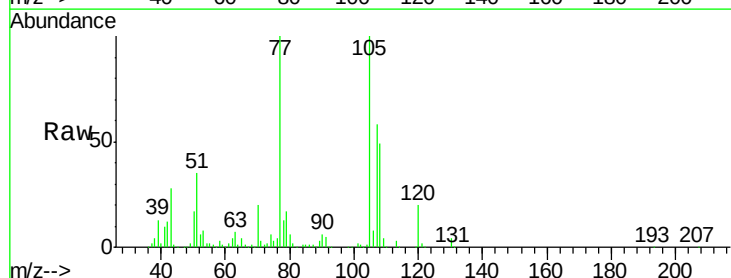
Ion Ratio Lower Upper

105 100

71 3.4 5.3 7.9#

51 35.0 18.2 27.4#

120 19.6 18.0 27.0

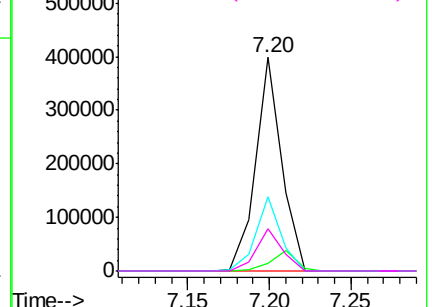
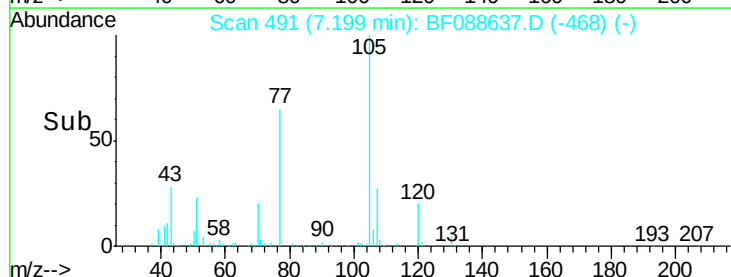


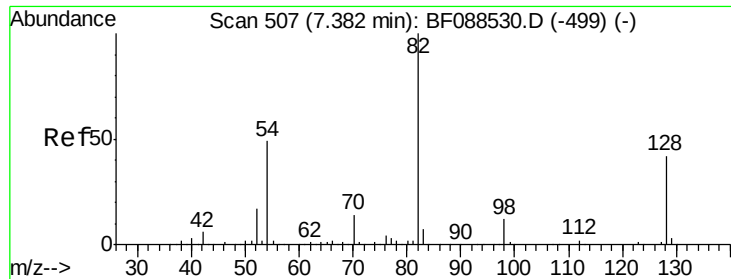
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

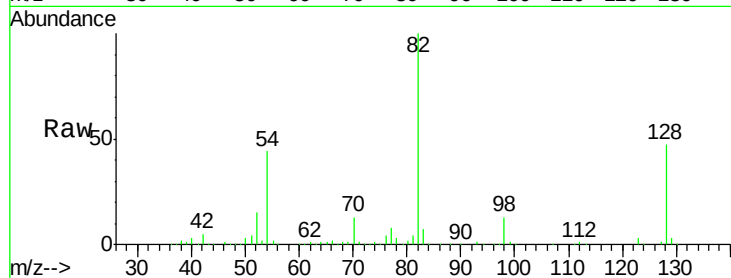




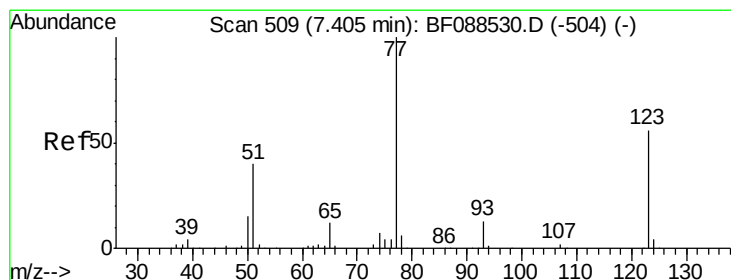
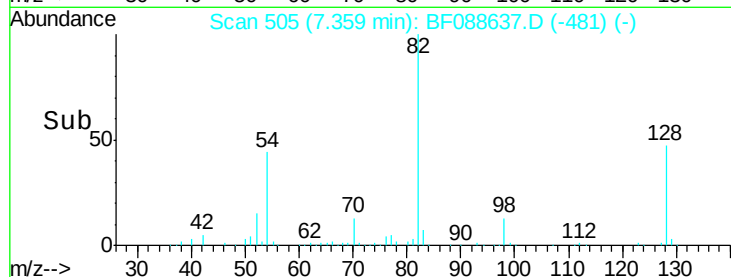
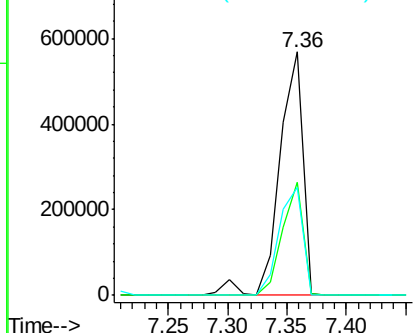
#23
 Nitrobenzene-d5
 Concen: 82.75 na
 RT: 7.36 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 767073
 Ion Ratio Lower Upper
 82 100
 128 46.6 35.9 53.9
 54 44.2 40.9 61.3

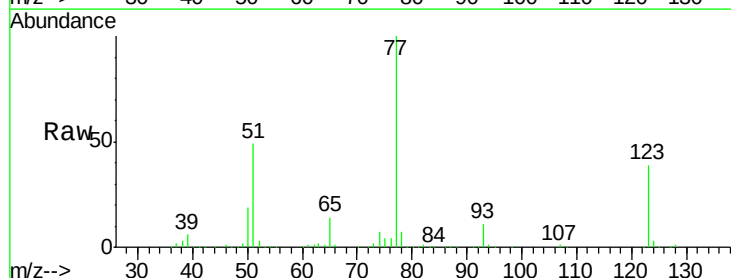


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

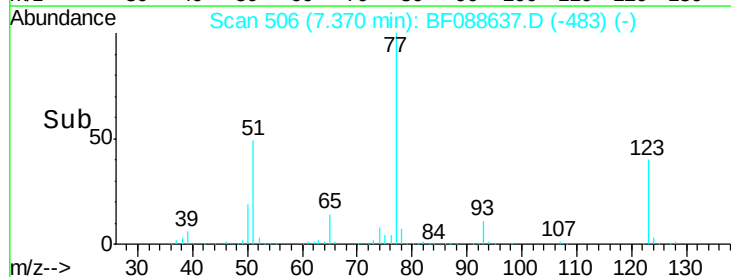
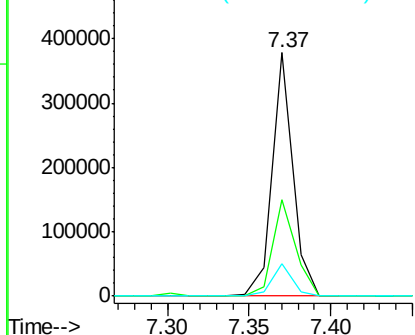


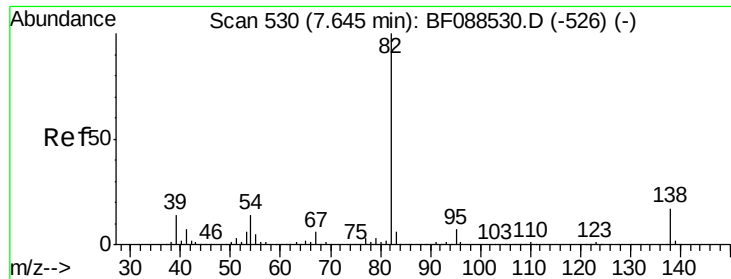
#24
 Nitrobenzene
 Concen: 35.99 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.03 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Tgt Ion: 77 Resp: 336337
 Ion Ratio Lower Upper
 77 100
 123 39.4 45.0 67.4#
 65 13.5 10.2 15.2



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





#25

Isophorone

Concen: 38.88 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampleId :

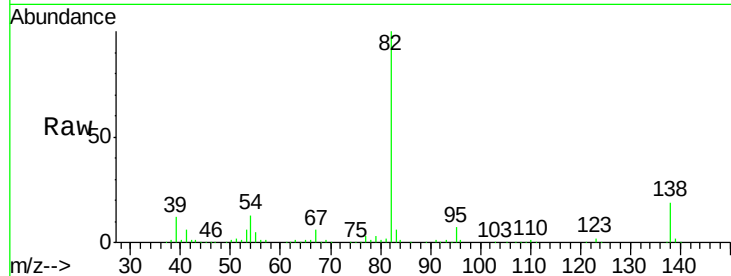
Tot Ion: 82 Resp: 667602

Ion Ratio Lower Upper

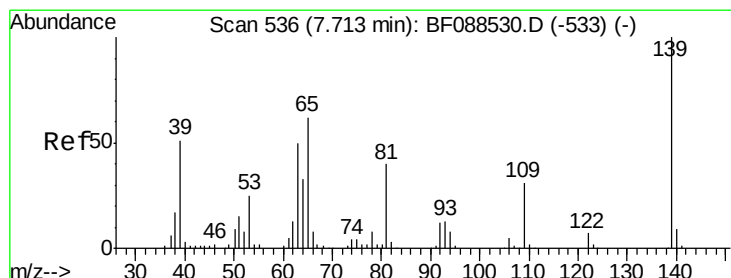
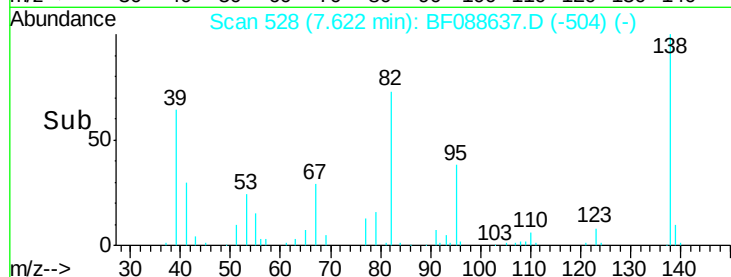
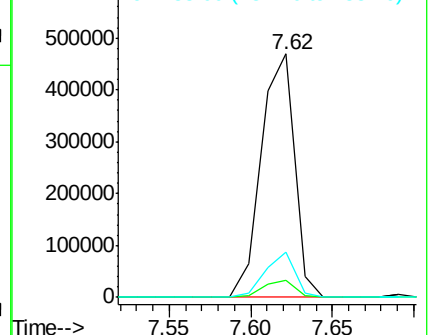
82 100

95 7.2 5.4 8.2

138 18.8 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: 45.71 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

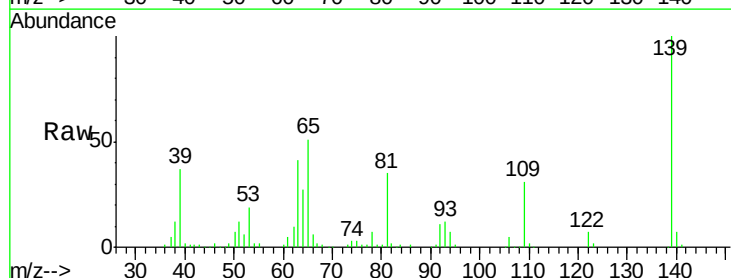
Tgt Ion: 139 Resp: 175196

Ion Ratio Lower Upper

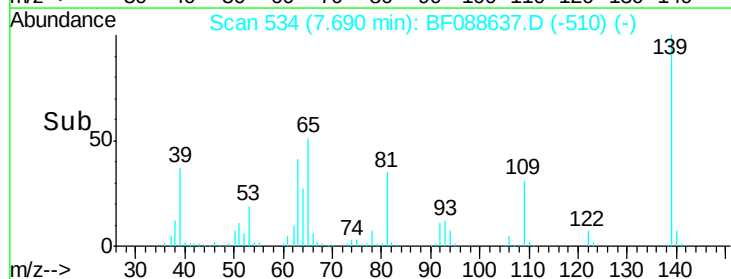
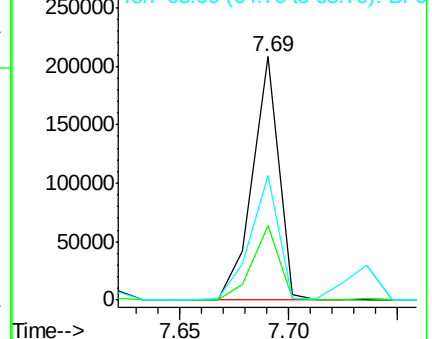
139 100

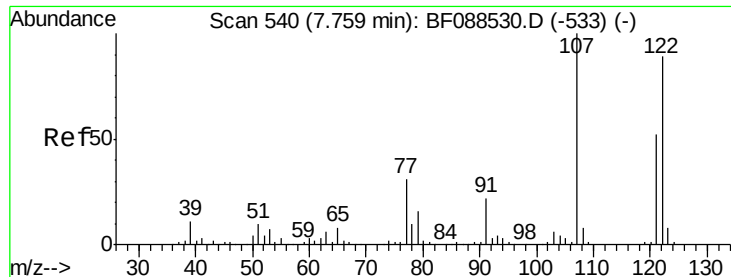
109 30.6 23.0 34.4

65 50.9 45.8 68.8



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

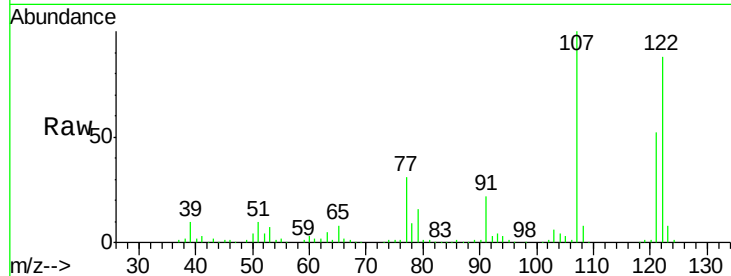




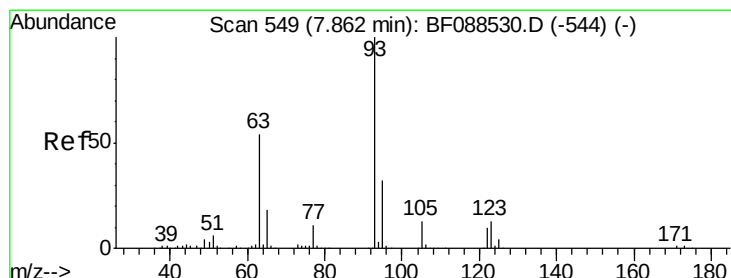
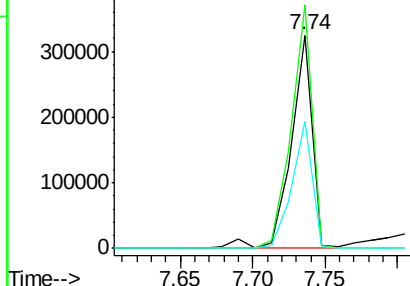
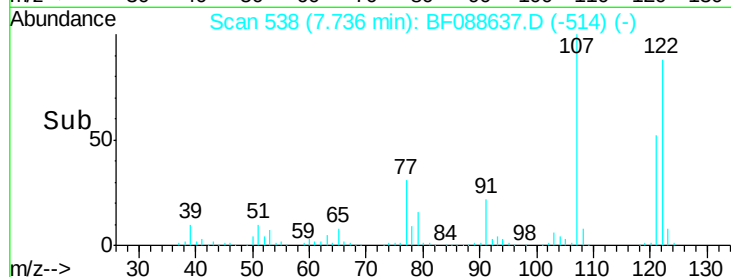
#27
 2,4-Dimethylphenol
 Concen: 41.41 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 330559
 Ion Ratio Lower Upper
 122 100
 107 114.1 82.4 123.6
 121 59.4 46.3 69.5

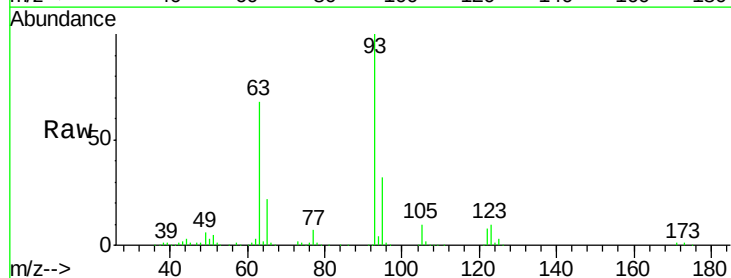


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

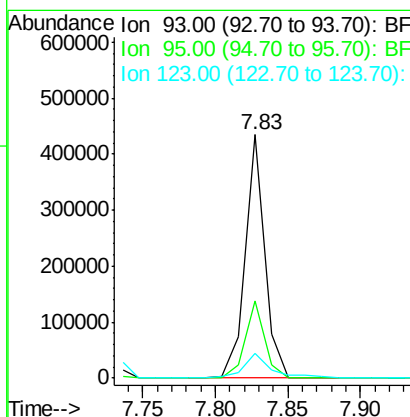
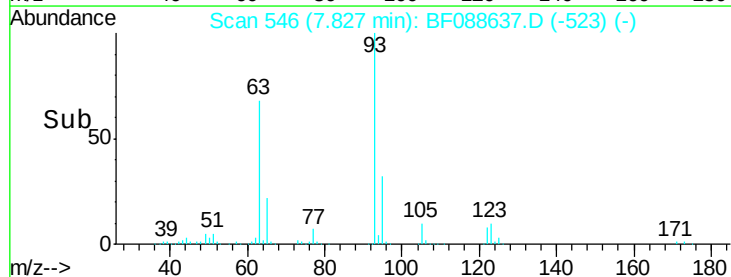


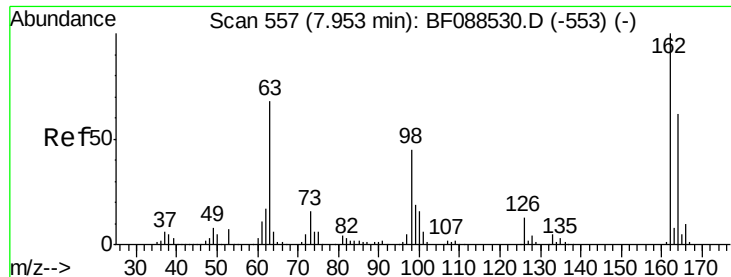
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.12 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.03 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Tgt Ion: 93 Resp: 403632
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.5 39.7
 123 10.0 11.6 17.4#



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

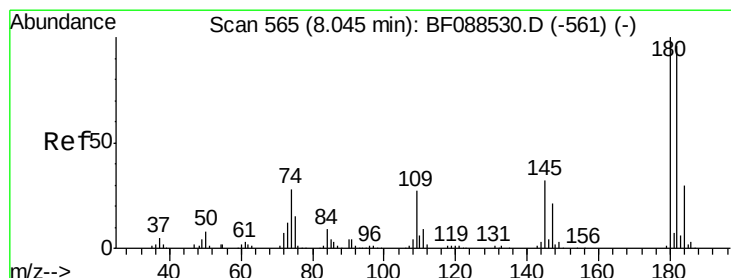
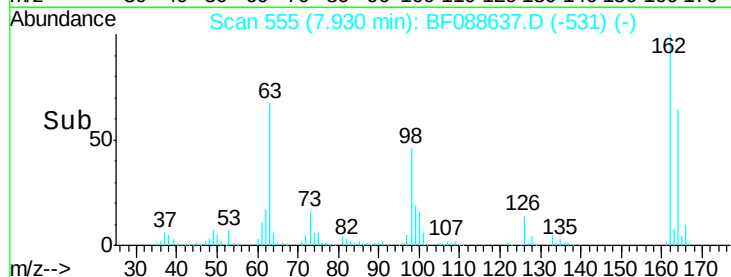
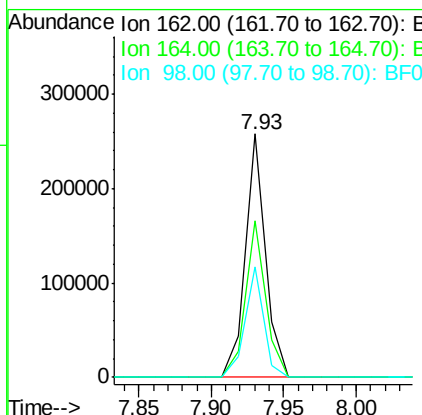
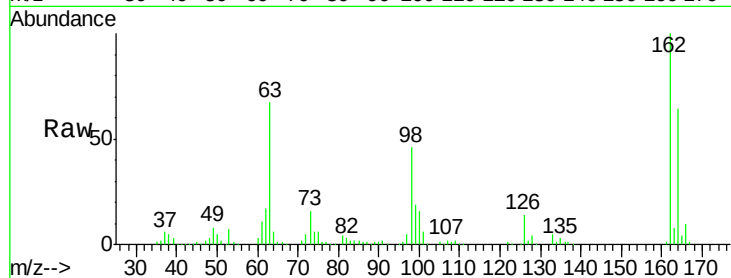




#29
 2,4-Dichlorophenol
 Concen: 38.51 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

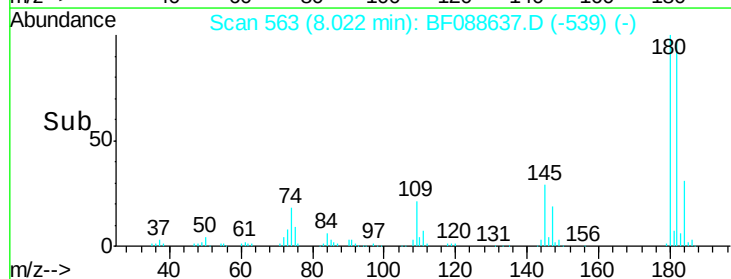
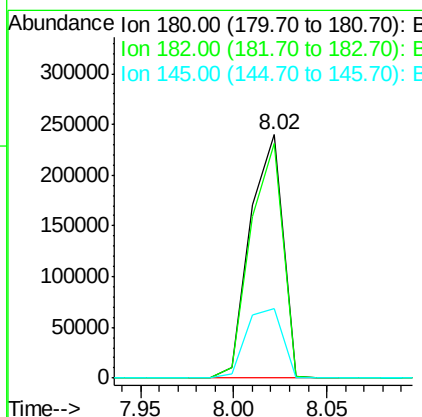
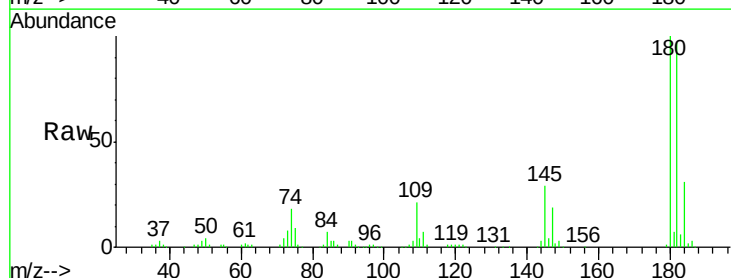
Instrument :
 BNA_F
 ClientSampleId :

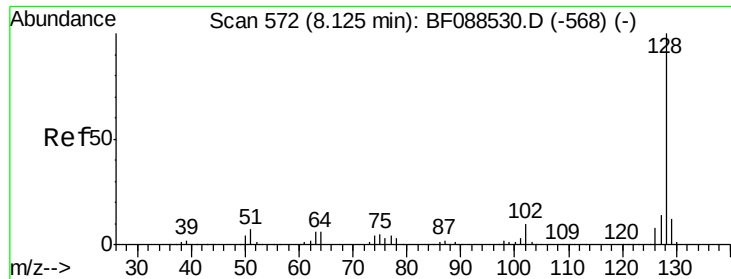
Tot Ion:162 Resp: 248409
 Ion Ratio Lower Upper
 162 100
 164 64.1 43.8 83.8
 98 45.6 21.3 61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 41.02 ng
 RT: 8.02 min Scan# 563
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Tgt Ion:180 Resp: 290415
 Ion Ratio Lower Upper
 180 100
 182 96.6 76.0 114.0
 145 28.7 26.5 39.7

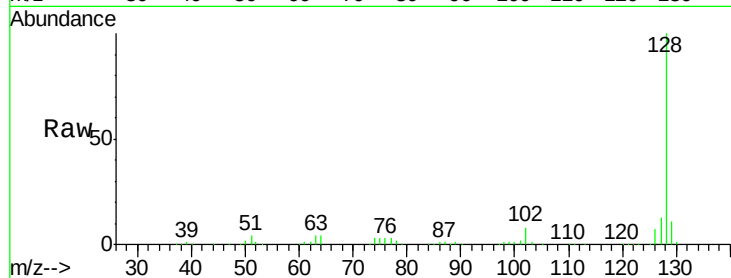




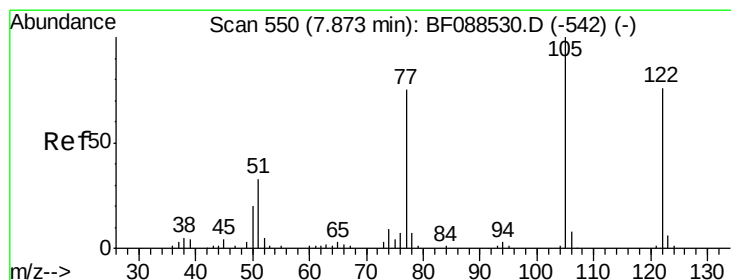
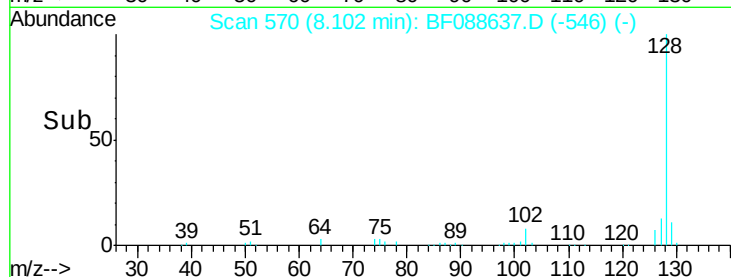
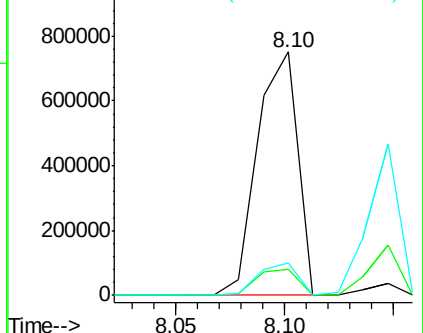
#31
Naphthalene
Concen: 40.63 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF088637.D
Acq: 3 Jul 2016 9:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 973010
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.2
127 13.3 10.9 16.3

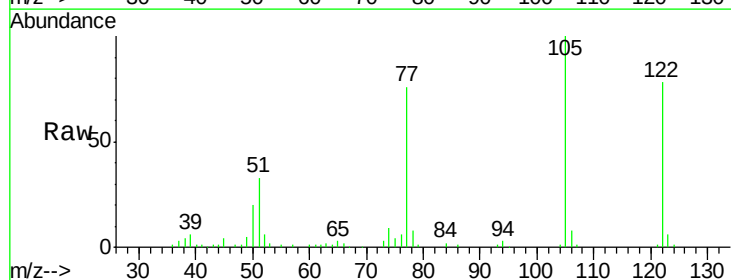


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

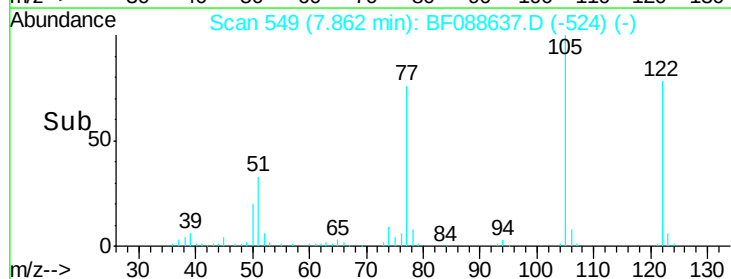
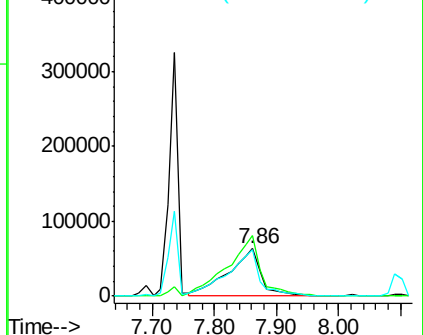


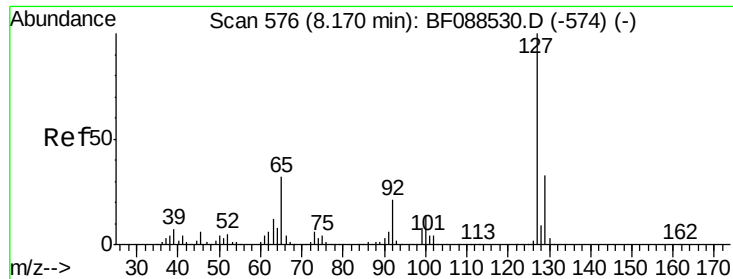
#32
Benzoic acid
Concen: 40.28 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF088637.D
Acq: 3 Jul 2016 9:15

Tgt Ion:122 Resp: 233408
Ion Ratio Lower Upper
122 100
105 127.7 101.6 141.6
77 96.8 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

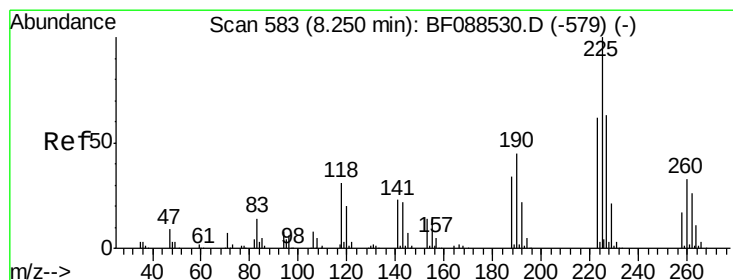
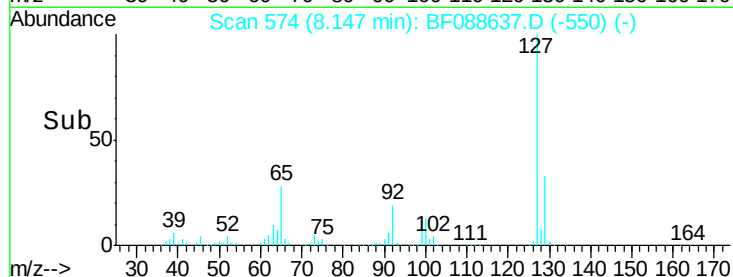
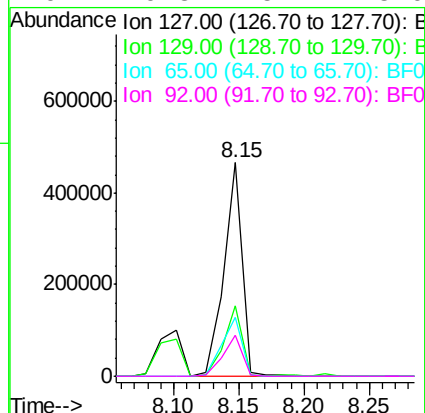
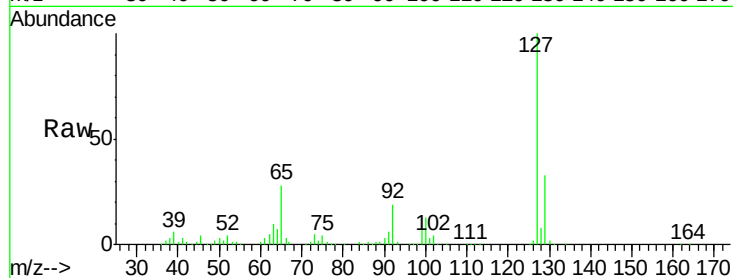




#33
4-Chloroaniline
Concen: 42.84 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF088637.D
Acq: 3 Jul 2016 9:15

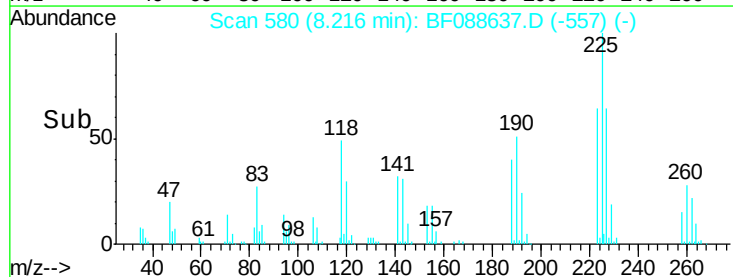
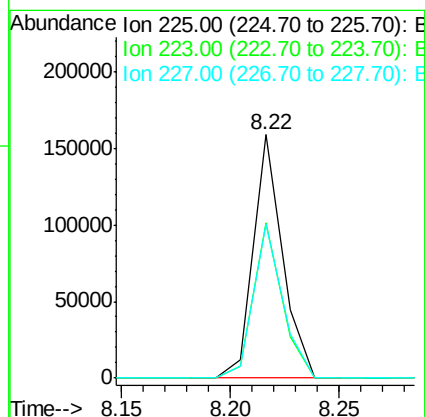
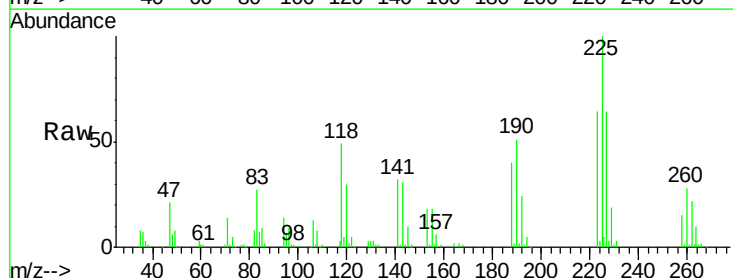
Instrument :
BNA_F
ClientSampleId :

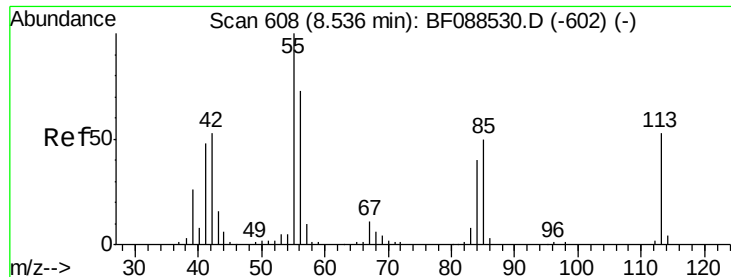
Tot Ion:	127	Resp:	456449
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.3	39.5
65	27.8	24.7	37.1
92	19.3	15.4	23.0



#34
Hexachlorobutadiene
Concen: 39.09 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.03 min
Lab File: BF088637.D
Acq: 3 Jul 2016 9:15

Tgt Ion:	225	Resp:	148174
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.9	76.3
227	63.5	51.9	77.9

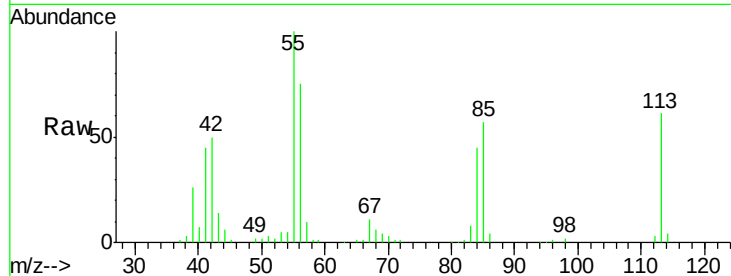




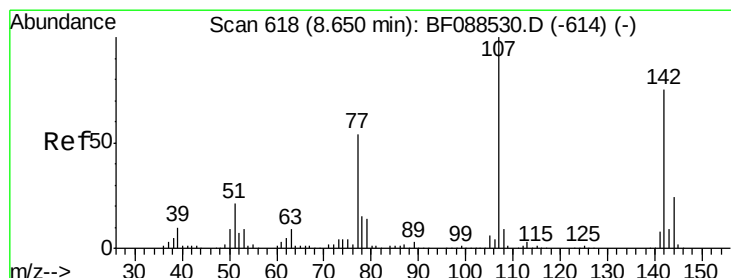
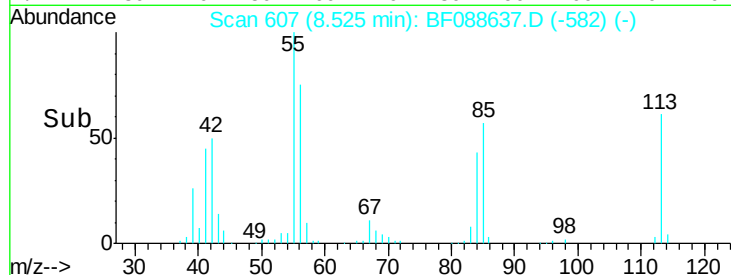
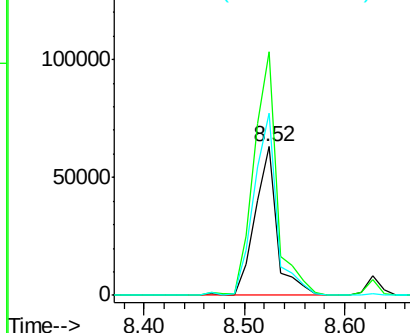
#35
Caprolactam
Concen: 43.58 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.01 min
Lab File: BF088637.D
Acq: 3 Jul 2016 9:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 95477
Ion Ratio Lower Upper
113 100
55 164.2 158.6 198.6
56 122.5 110.6 150.6

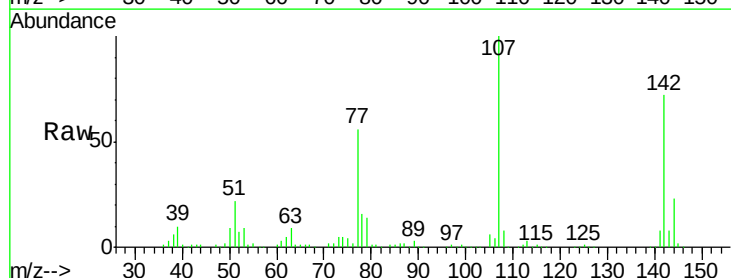


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

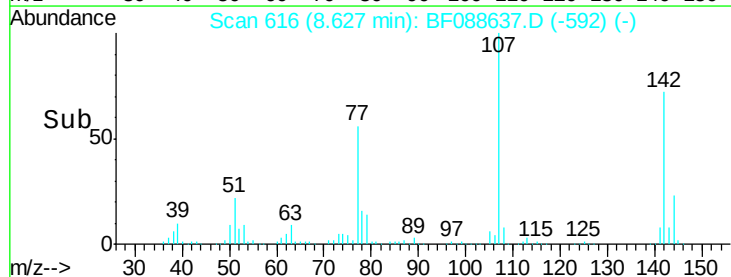
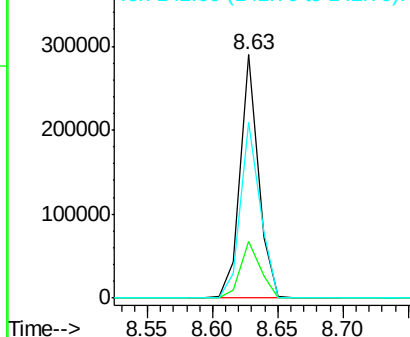


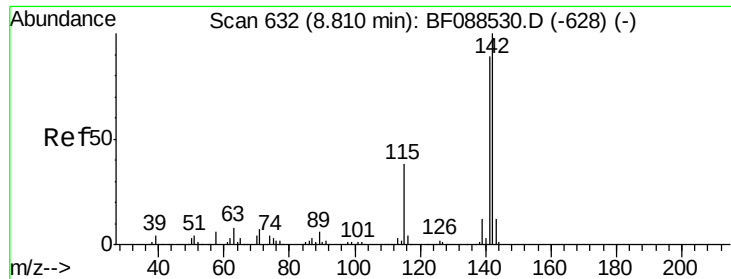
#36
4-Chloro-3-methylphenol
Concen: 36.82 ng
RT: 8.63 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF088637.D
Acq: 3 Jul 2016 9:15

Tgt Ion:107 Resp: 280866
Ion Ratio Lower Upper
107 100
144 23.3 20.8 31.2
142 72.3 63.4 95.2



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

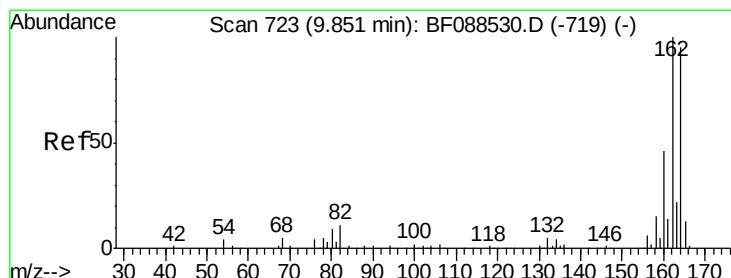
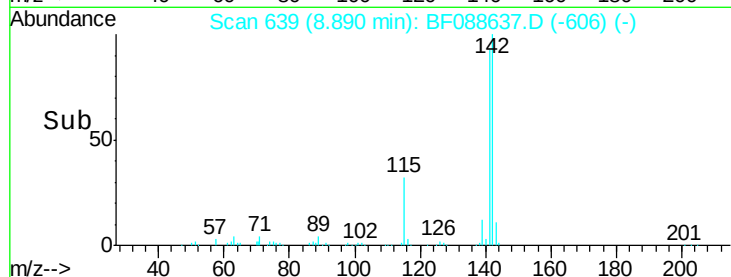
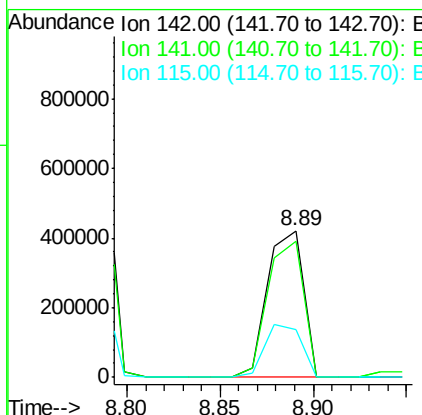
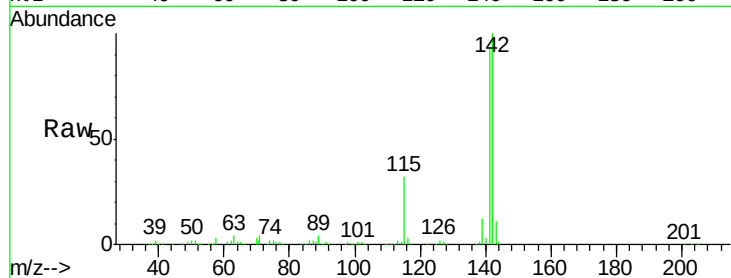




#37
2-Methylnaphthalene
Concen: 36.71 ng
RT: 8.89 min Scan# 639
Delta R.T. 0.08 min
Lab File: BF088637.D
Acq: 3 Jul 2016 9:15

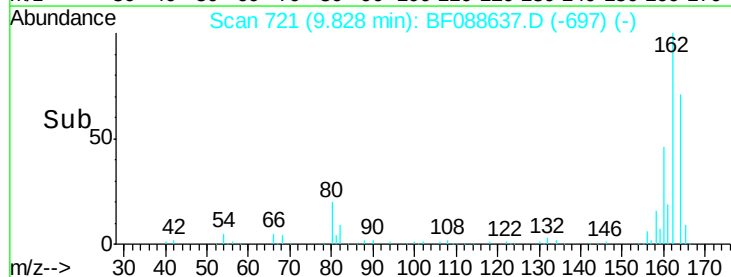
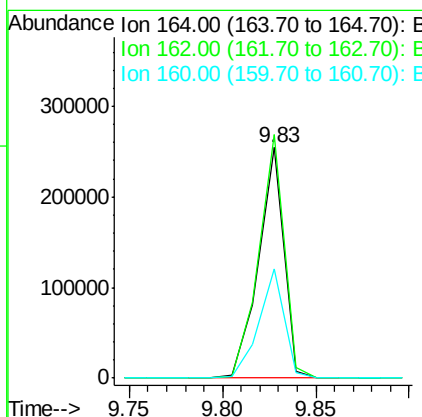
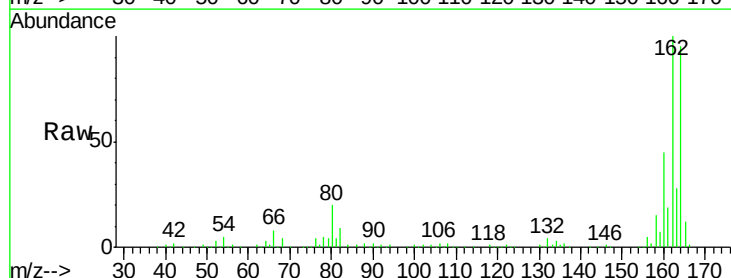
Instrument :
BNA_F
ClientSampled :

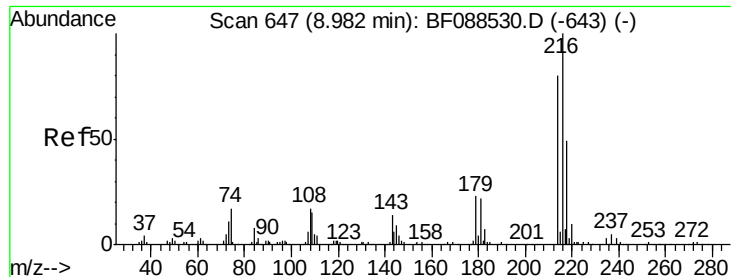
Tot Ion:142 Resp: 566059
Ion Ratio Lower Upper
142 100
141 92.6 71.0 106.6
115 32.4 22.6 33.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF088637.D
Acq: 3 Jul 2016 9:15

Tgt Ion:164 Resp: 236445
Ion Ratio Lower Upper
164 100
162 105.7 85.4 128.2
160 47.2 39.5 59.3

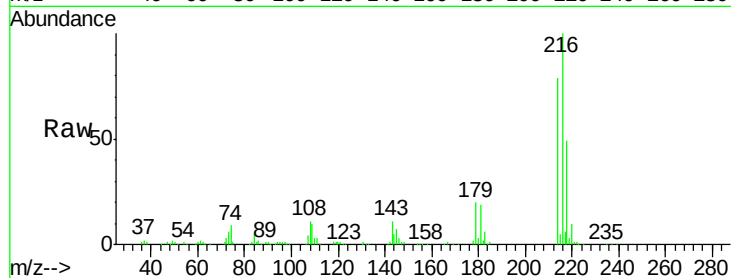




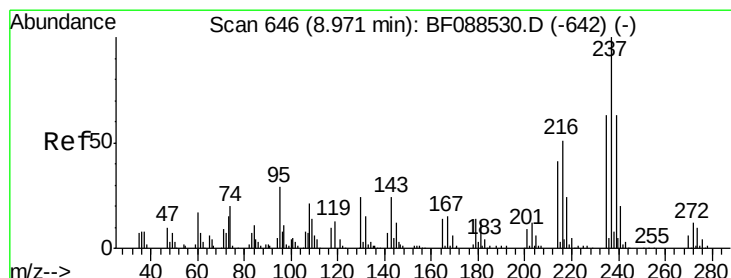
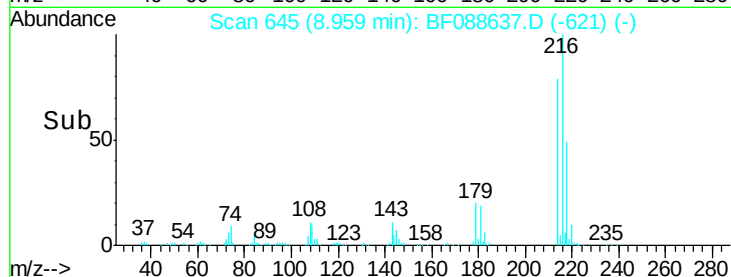
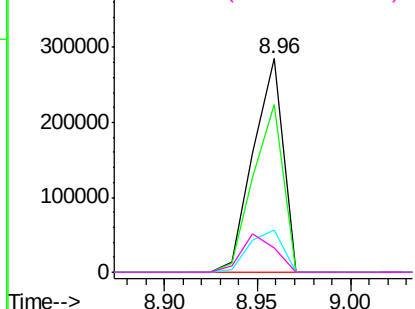
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.89 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	313738
Ion Ratio	Lower	Upper
216	100	
214	79.4	2.9 4.3#
179	22.4	0.0 0.0#
108	20.3	0.5 0.7#

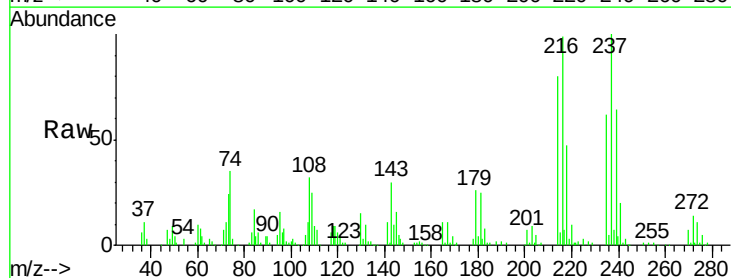


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

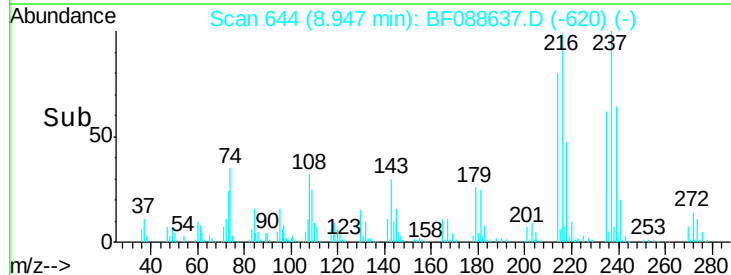
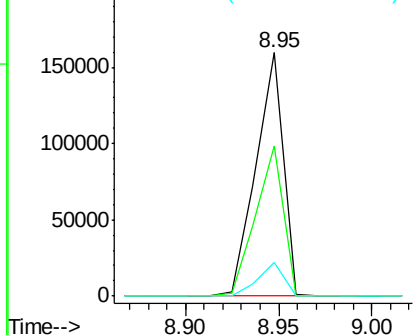


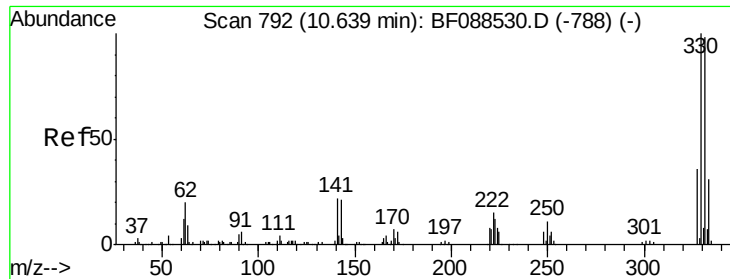
#40
 Hexachlorocyclopentadiene
 Concen: 41.69 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Tgt Ion:237	Resp:	160919
Ion Ratio	Lower	Upper
237	100	
235	61.7	43.4 83.4
272	13.8	0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

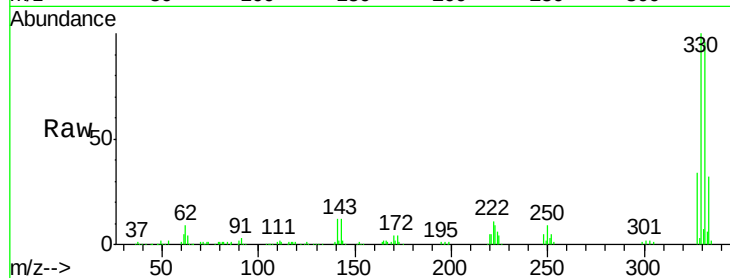




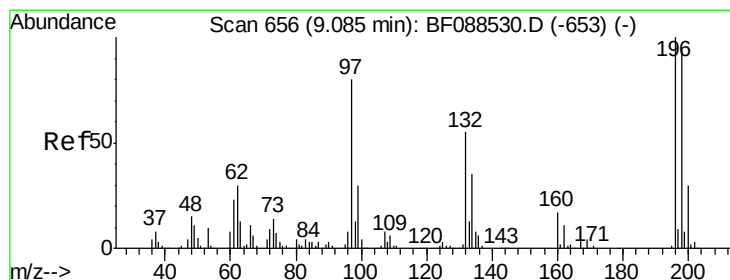
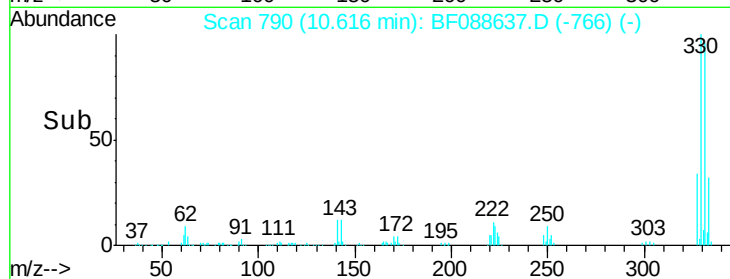
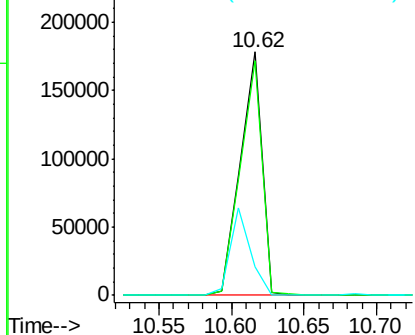
#41
 2,4,6-Tribromophenol
 Concen: 85.39 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	33.4	0.0	0.0#

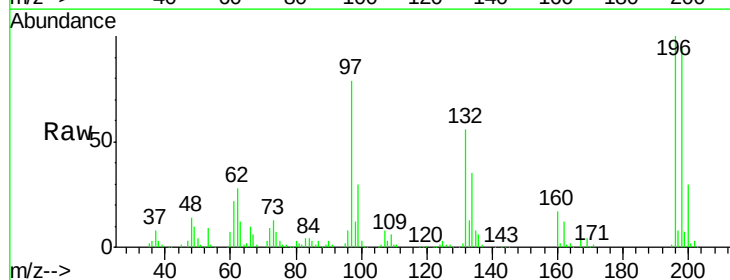


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

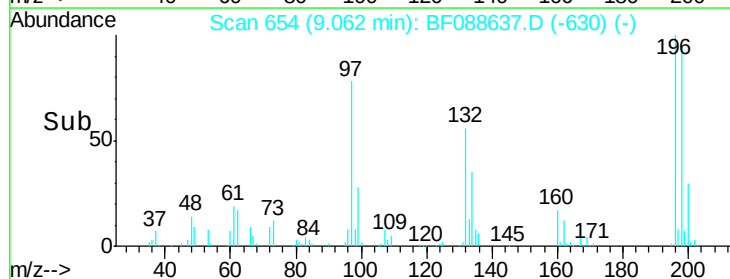
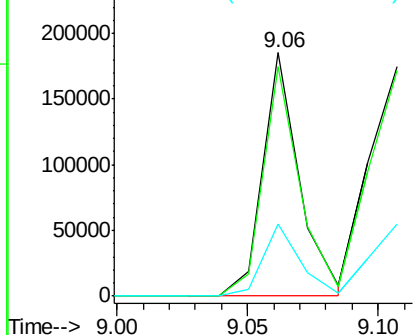


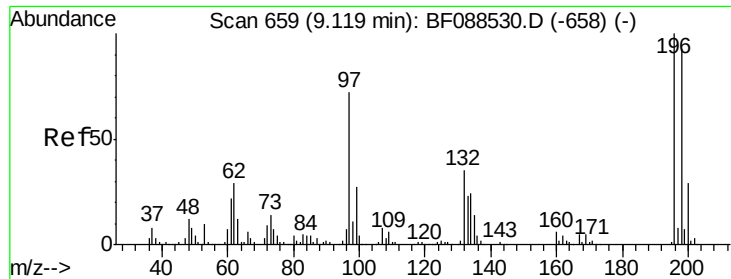
#42
 2,4,6-Trichlorophenol
 Concen: 34.96 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	78.0	117.0
200	29.9	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

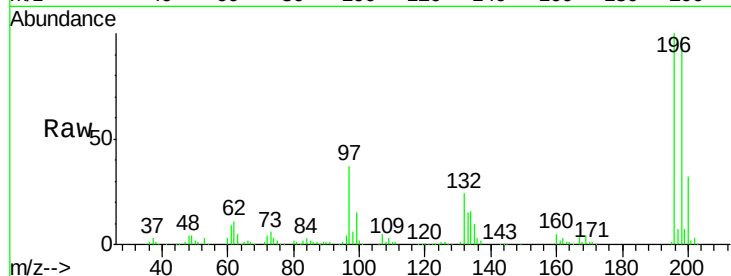




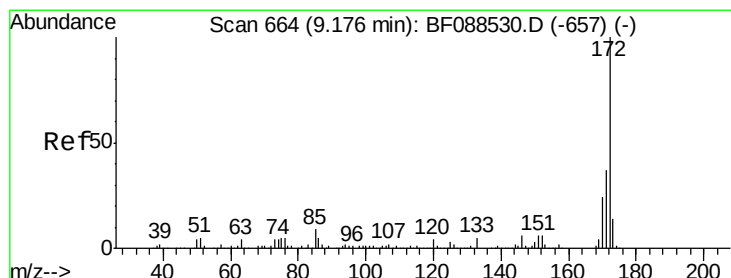
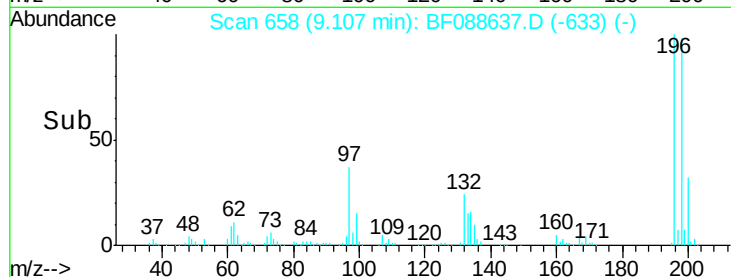
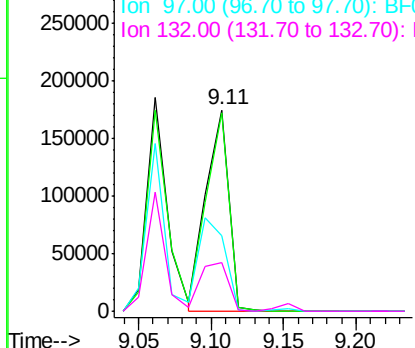
#43
 2,4,5-Trichlorophenol
 Concen: 43.21 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 192752
 Ion Ratio Lower Upper
 196 100
 198 98.4 77.5 116.3
 97 37.5 32.0 48.0
 132 24.1 20.9 31.3

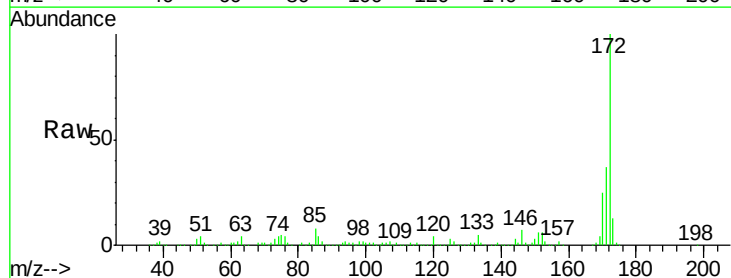


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

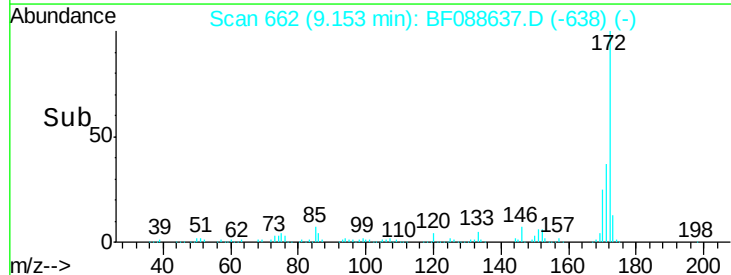
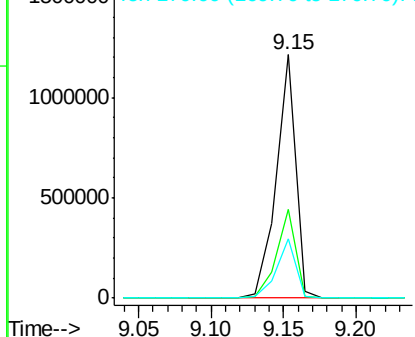


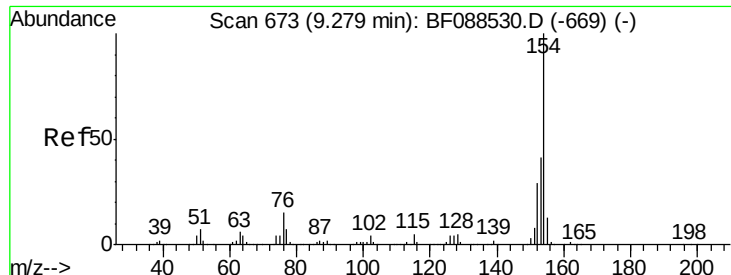
#44
 2-Fluorobiphenyl
 Concen: 75.05 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Tgt Ion:172 Resp: 1123470
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.6 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: 39.73 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampleId :

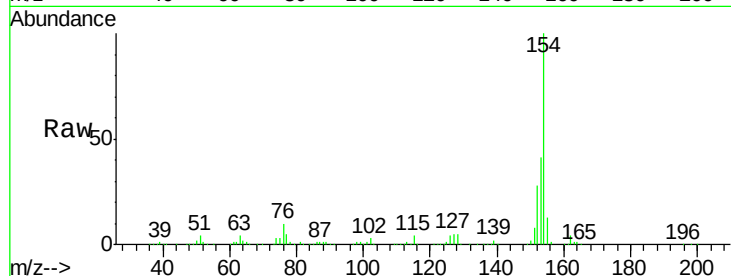
Tot Ion:154 Resp: 777898

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

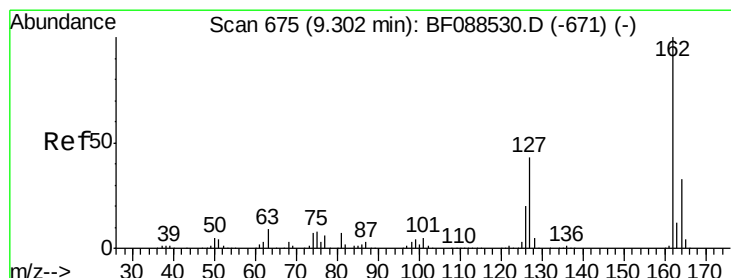
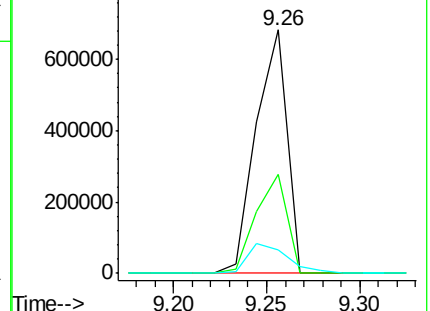
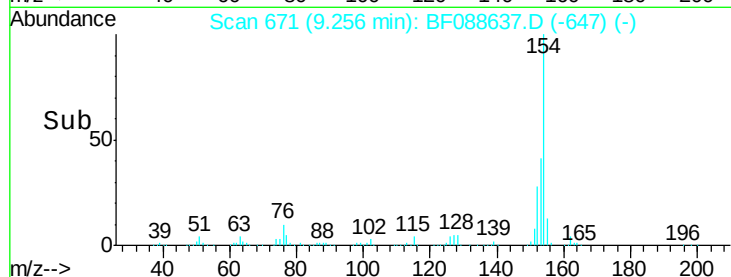
76 9.6 0.0 35.1



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: 38.71 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

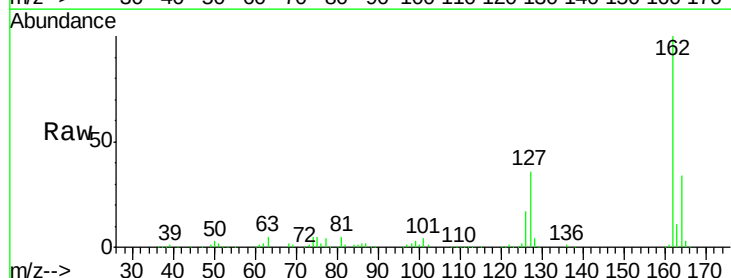
Tgt Ion:162 Resp: 595074

Ion Ratio Lower Upper

162 100

127 36.4 35.2 52.8

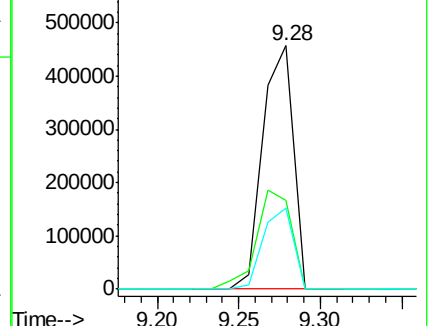
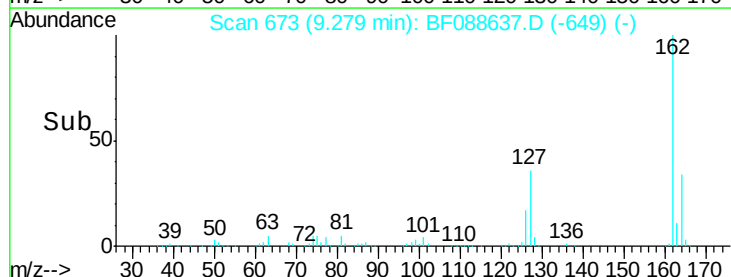
164 33.5 26.6 39.8

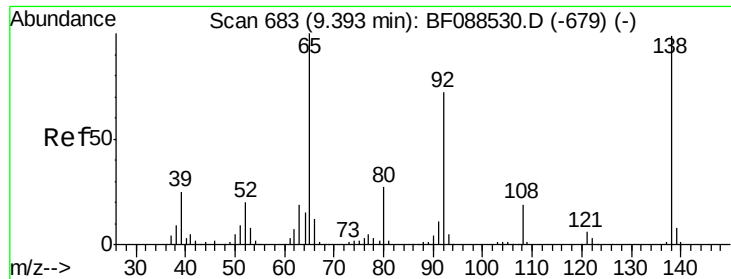


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

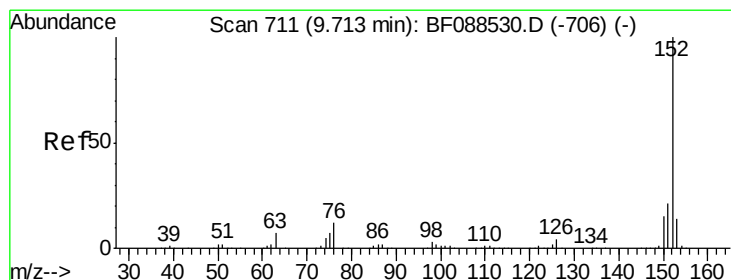
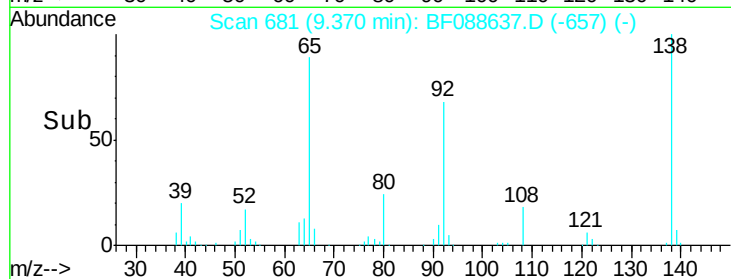
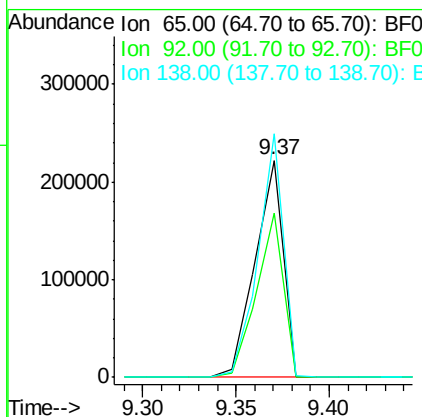
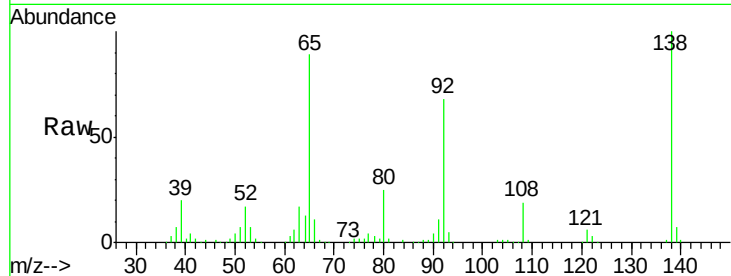




#47
 2-Nitroaniline
 Concen: 42.27 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

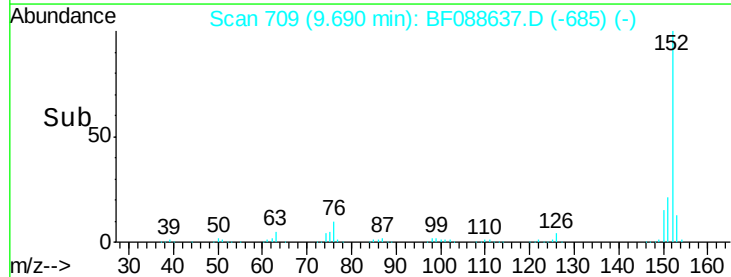
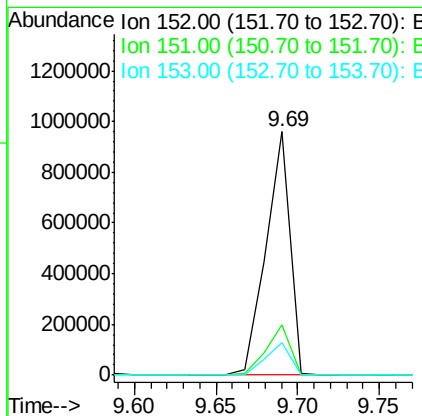
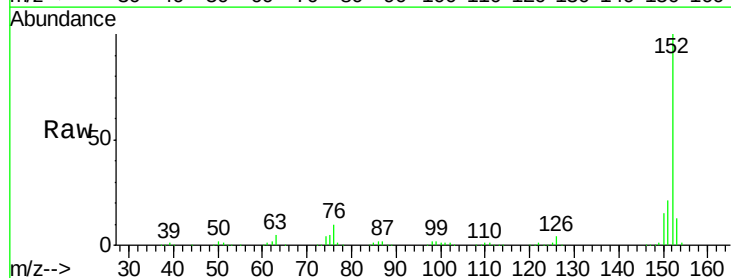
Instrument :
 BNA_F
 ClientSampleId :

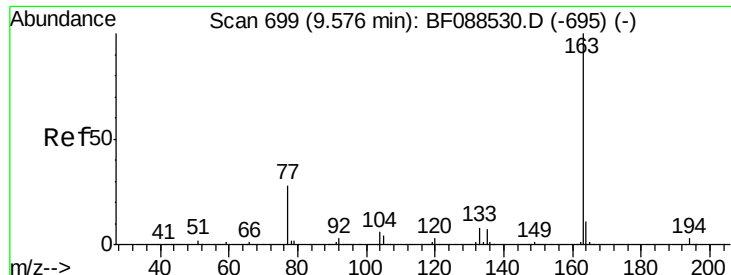
Tot Ion: 65 Resp: 230567
 Ion Ratio Lower Upper
 65 100
 92 75.7 54.6 82.0
 138 112.1 77.0 115.4



#48
 Acenaphthylene
 Concen: 40.30 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Tgt Ion: 152 Resp: 985720
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.2 24.4
 153 13.1 11.0 16.6





#49

Dimethylphthalate

Concen: 35.29 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampleId :

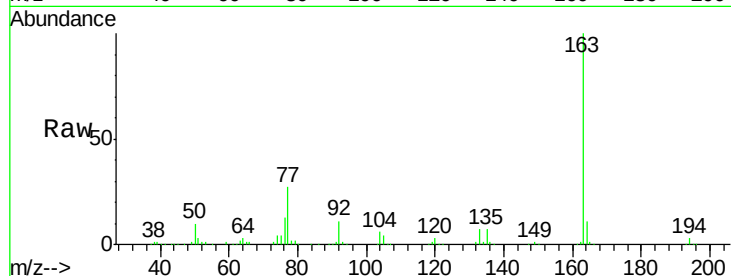
Tot Ion:163 Resp: 594430

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

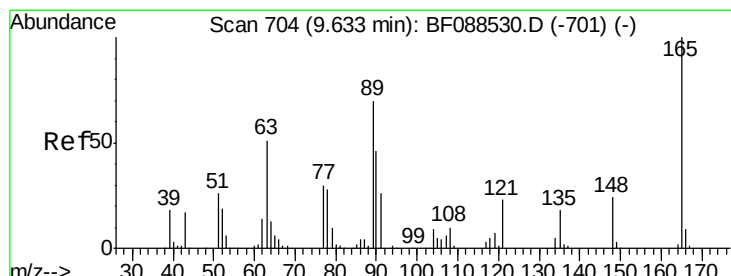
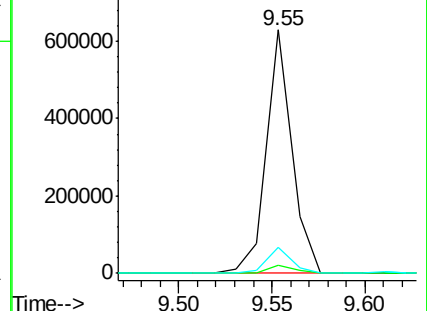
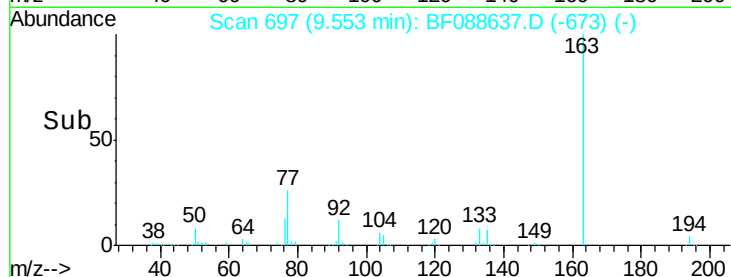
164 10.5 8.3 12.5



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: 35.92 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

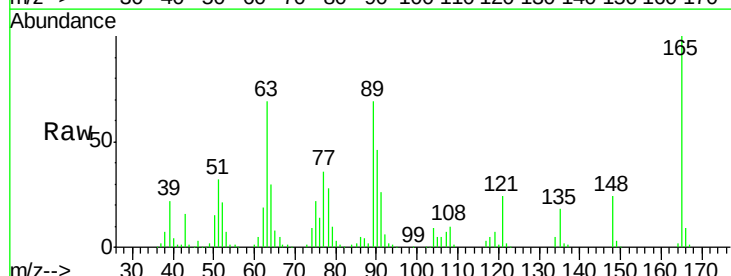
Tgt Ion:165 Resp: 134121

Ion Ratio Lower Upper

165 100

63 69.1 28.1 42.1#

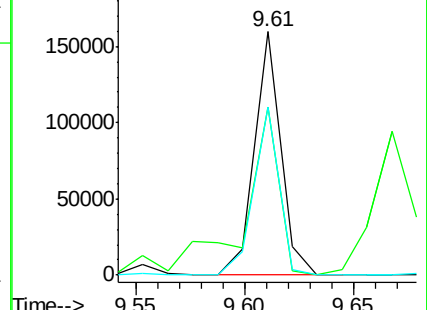
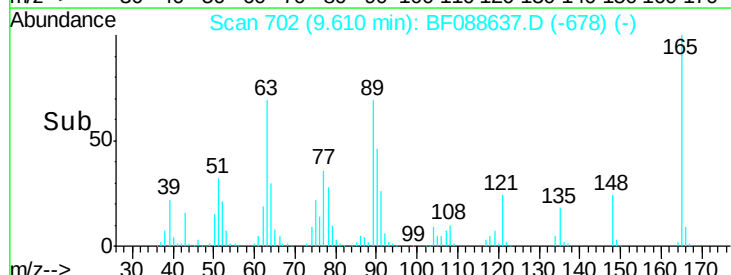
89 69.0 32.2 48.2#

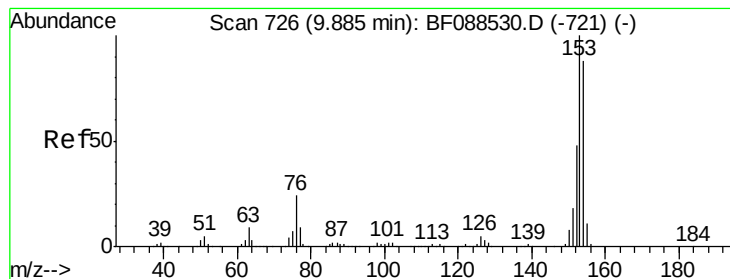


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.84 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampled :

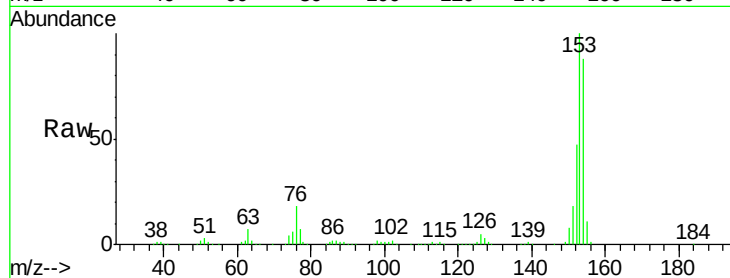
Tot Ion:154 Resp: 612228

Ion Ratio Lower Upper

154 100

153 113.0 89.5 134.3

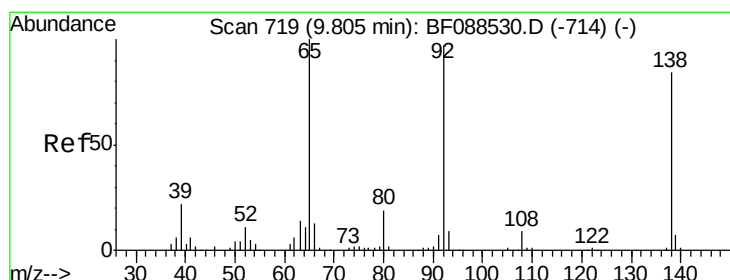
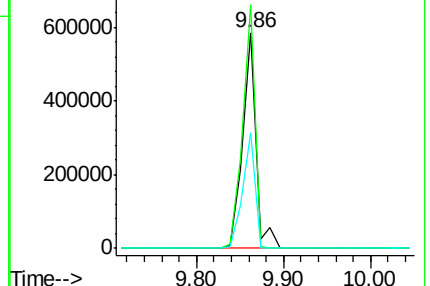
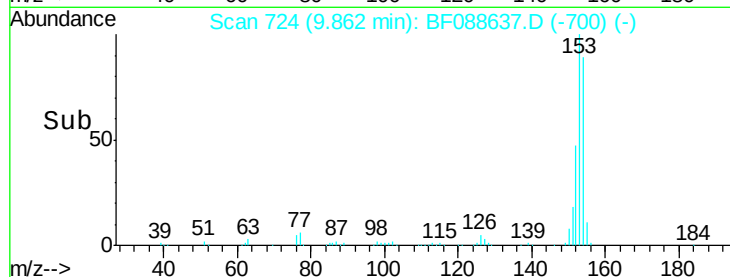
152 53.5 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.70 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

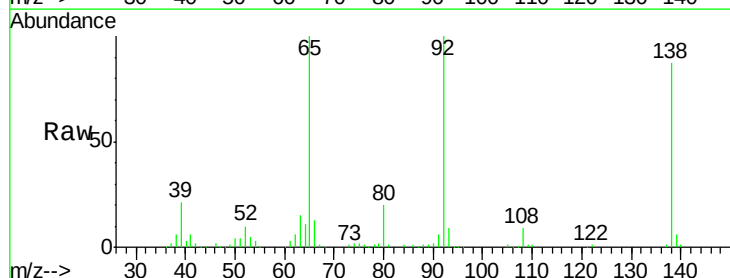
Tgt Ion:138 Resp: 202627

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

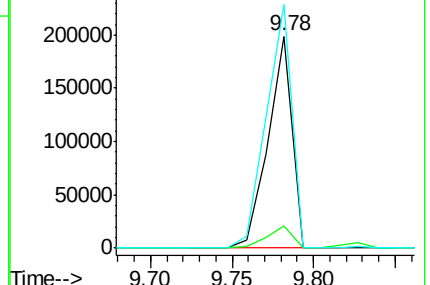
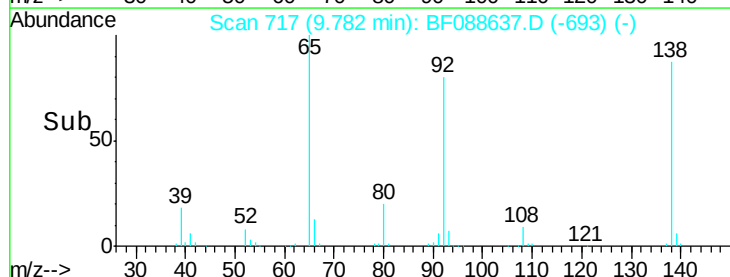
92 114.9 95.7 143.5

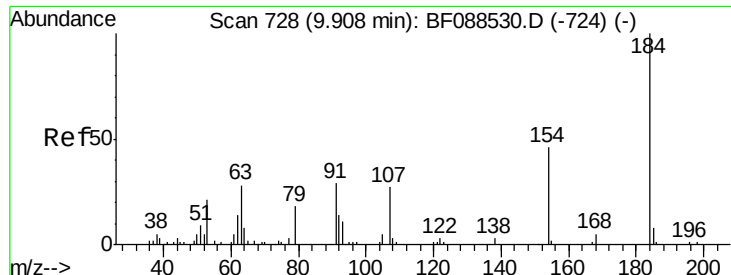


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

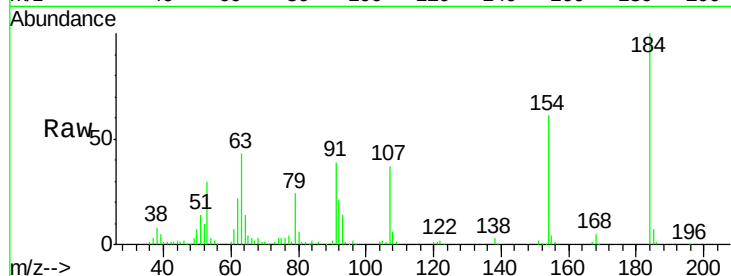




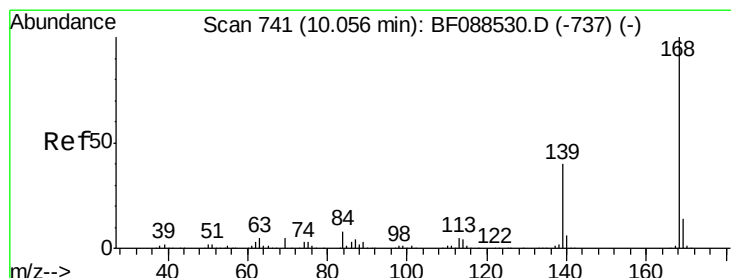
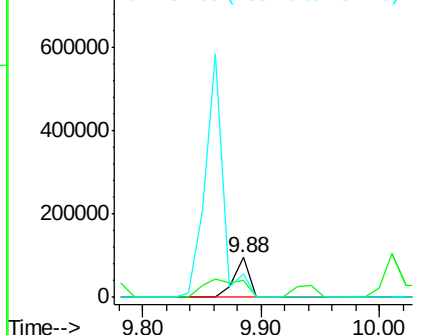
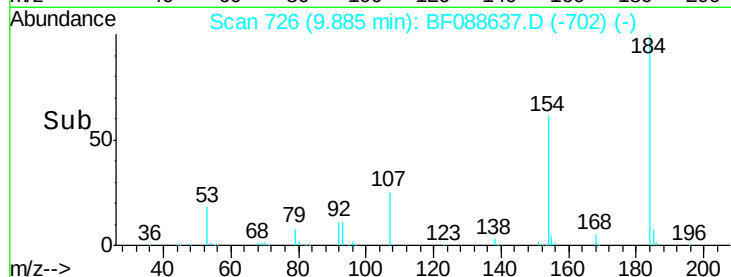
#53
 2,4-Dinitrophenol
 Concen: 52.60 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 86709
 Ion Ratio Lower Upper
 184 100
 63 43.5 57.6 86.4#
 154 60.6 53.5 80.3

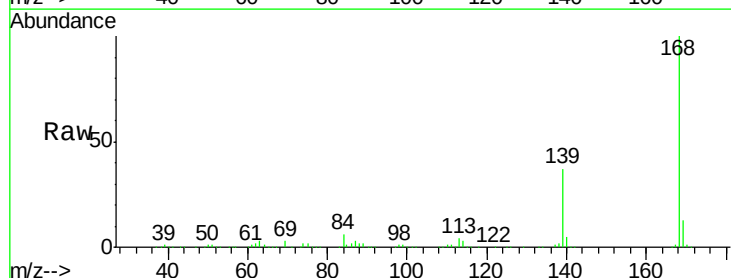


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

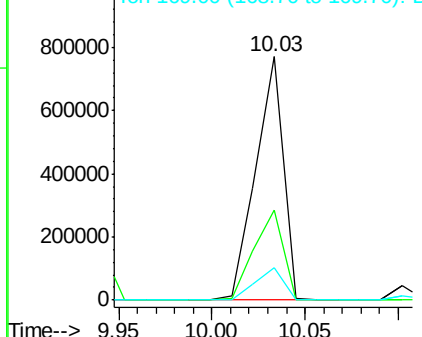
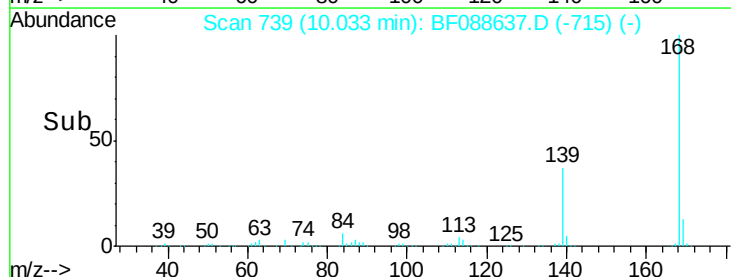


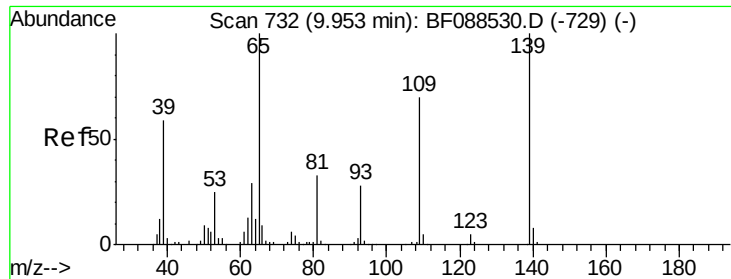
#54
 Dibenzofuran
 Concen: 39.94 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Tgt Ion:168 Resp: 783726
 Ion Ratio Lower Upper
 168 100
 139 36.7 26.4 39.6
 169 13.2 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: 44.30 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampleId :

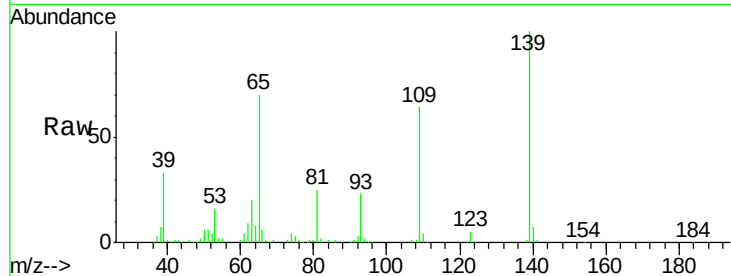
Tot Ion:139 Resp: 159769

Ion Ratio Lower Upper

139 100

109 63.9 48.9 88.9

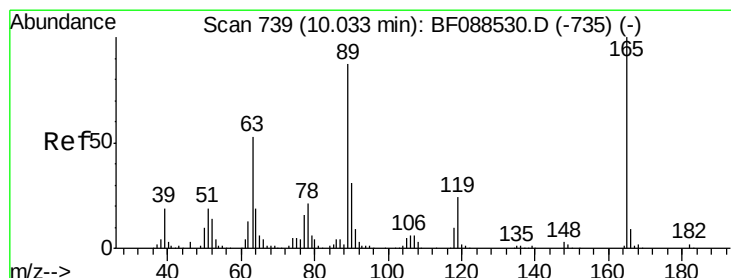
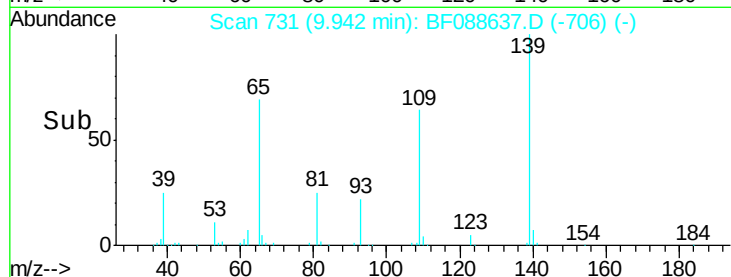
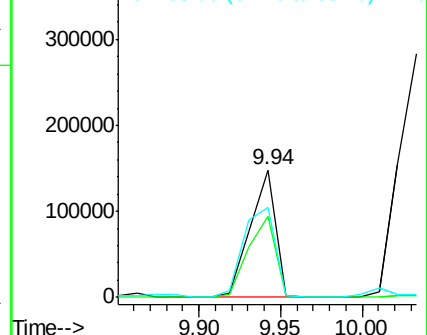
65 70.4 84.9 124.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 35.80 ng

RT: 10.01 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Tgt Ion:165 Resp: 174736

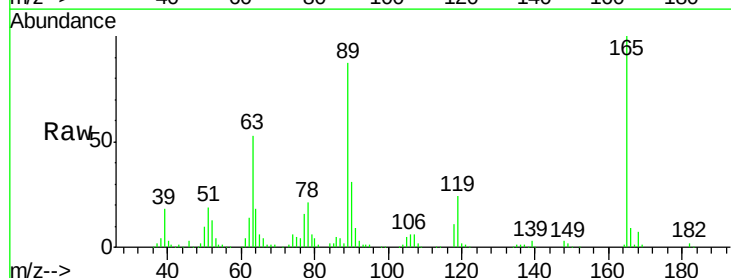
Ion Ratio Lower Upper

165 100

63 53.0 22.0 33.0#

89 87.2 41.1 61.7#

182 2.3 2.0 3.0

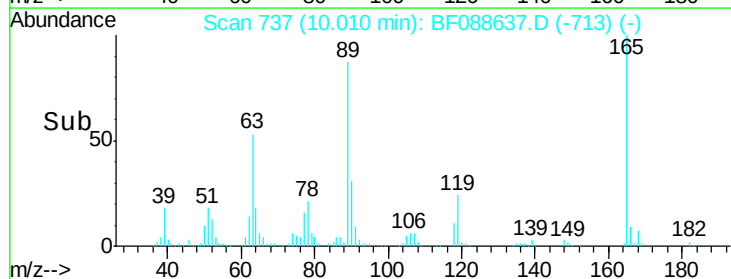
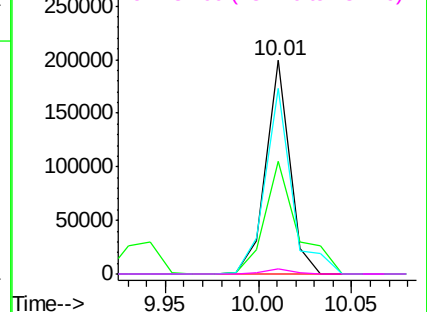


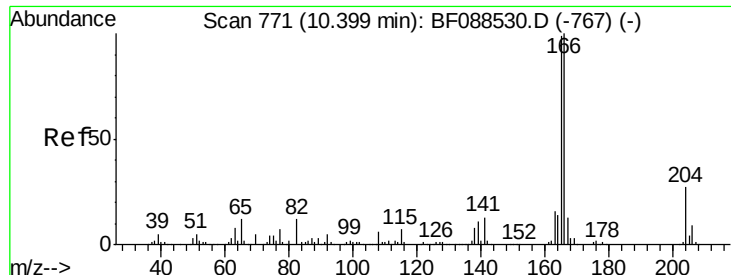
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.29 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampled :

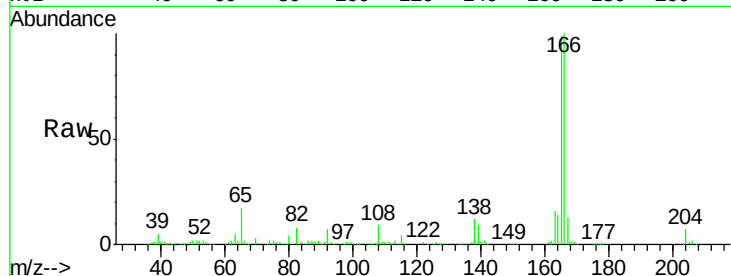
Tot Ion:166 Resp: 578992

Ion Ratio Lower Upper

166 100

165 99.1 77.8 116.8

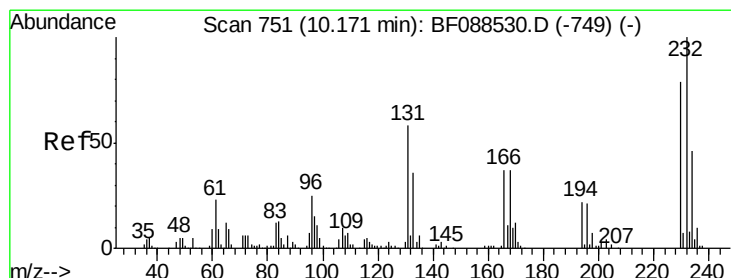
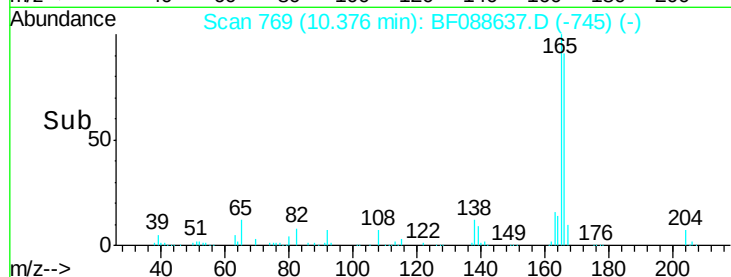
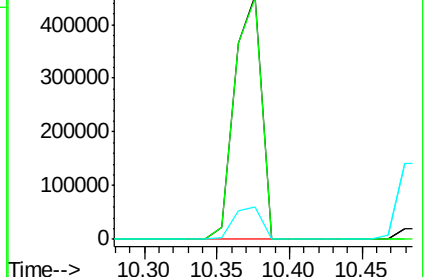
167 13.2 11.2 16.8



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: 41.28 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Tgt Ion:232 Resp: 142481

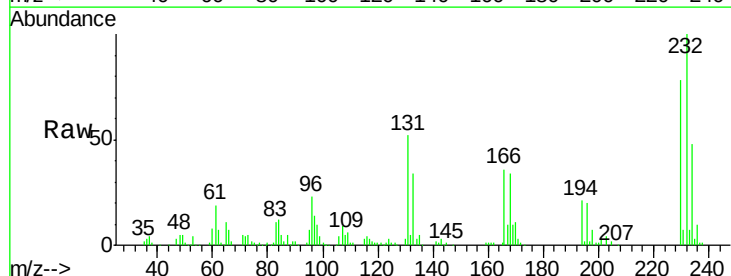
Ion Ratio Lower Upper

232 100

131 54.6 0.9 1.3#

130 2.8 1.5 2.3#

166 36.1 0.5 0.7#

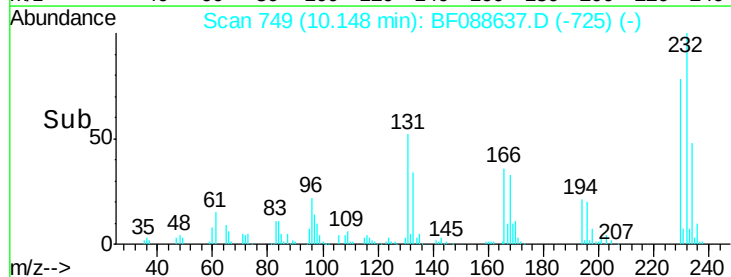
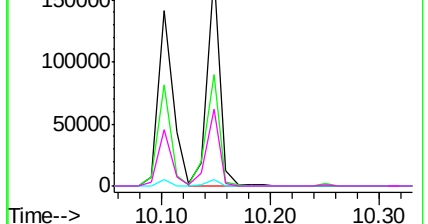


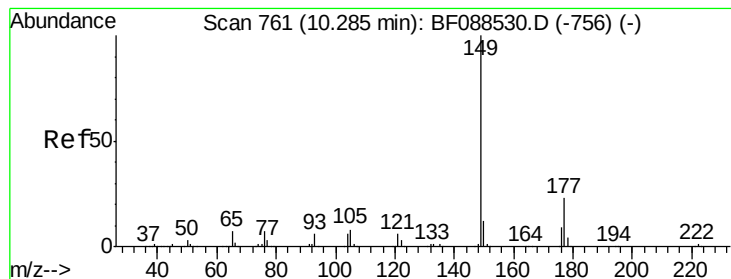
Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.76 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampleId :

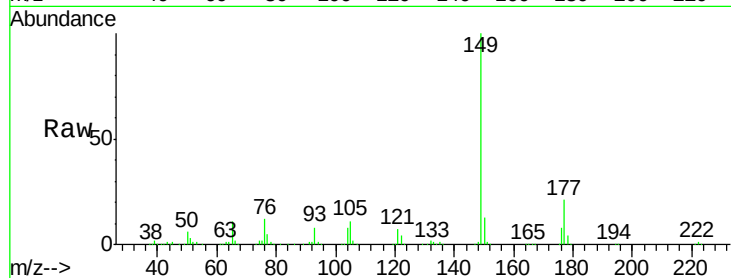
Tot Ion:149 Resp: 621453

Ion Ratio Lower Upper

149 100

177 20.8 16.9 25.3

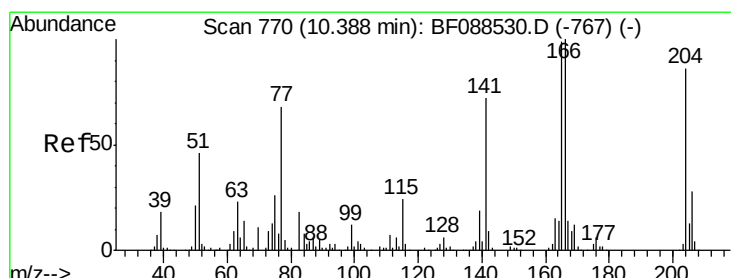
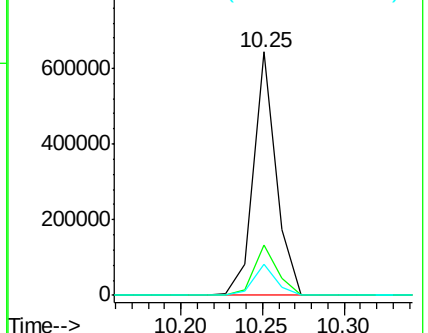
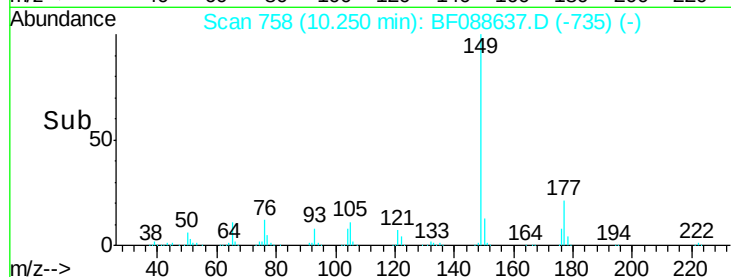
150 12.8 10.1 15.1



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: 36.48 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

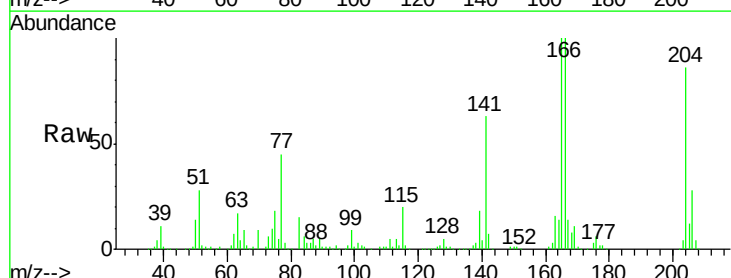
Tgt Ion:204 Resp: 256304

Ion Ratio Lower Upper

204 100

206 33.0 26.3 39.5

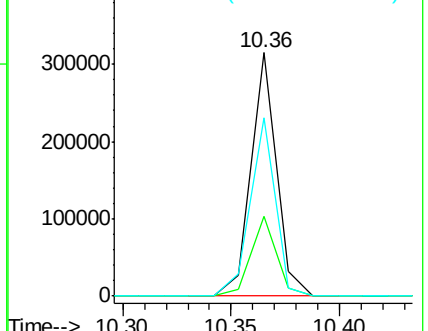
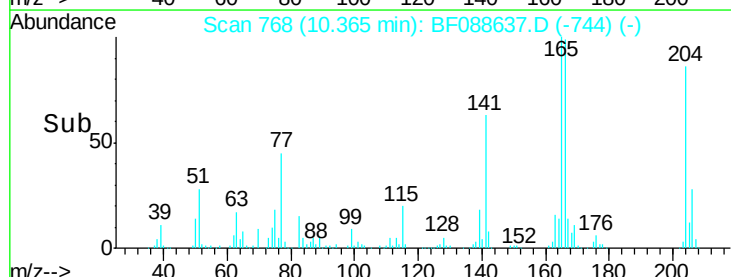
141 73.4 55.0 82.6

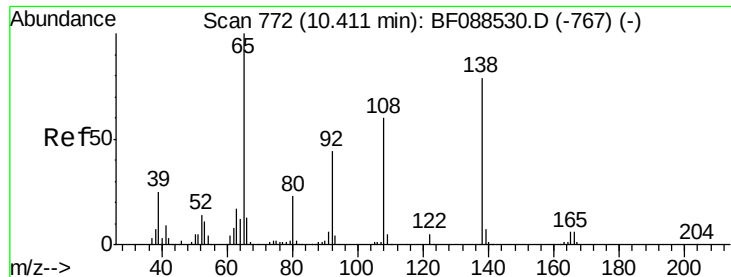


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

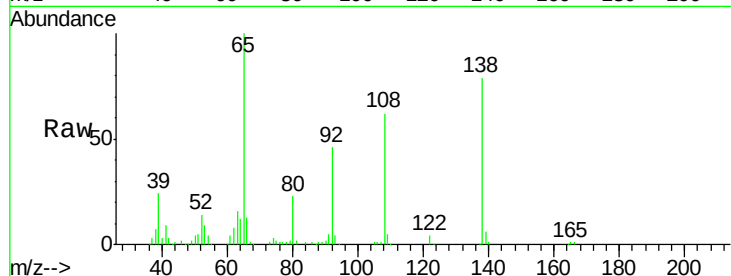




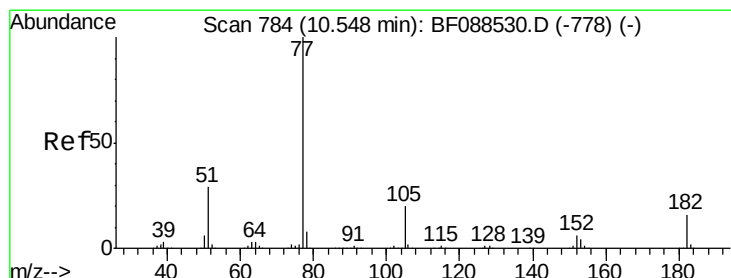
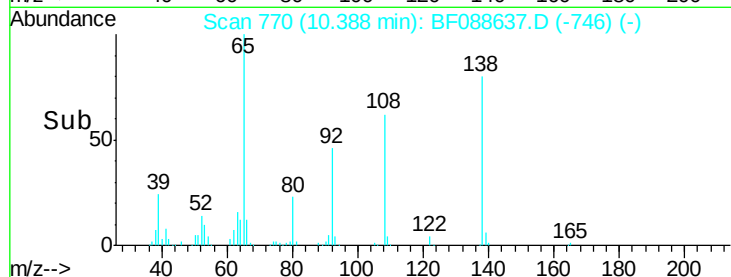
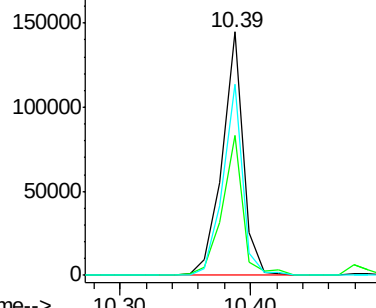
#61
4-Nitroaniline
Concen: 35.86 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF088637.D
Acq: 3 Jul 2016 9:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 163762
Ion Ratio Lower Upper
138 100
92 57.6 27.3 67.3
108 78.6 46.7 86.7

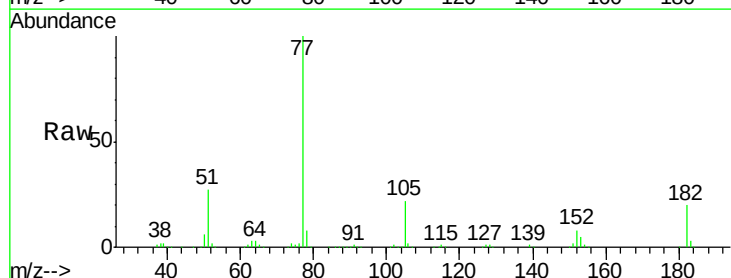


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

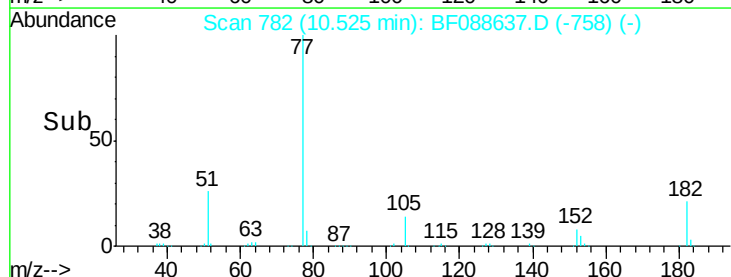
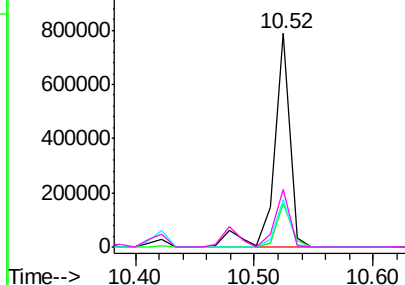


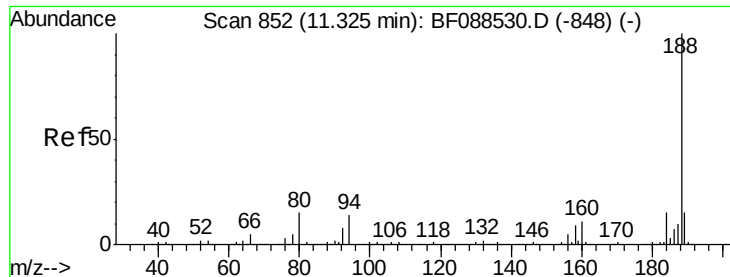
#62
Azobenzene
Concen: 37.96 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF088637.D
Acq: 3 Jul 2016 9:15

Tgt Ion: 77 Resp: 732078
Ion Ratio Lower Upper
77 100
182 20.4 4.4 44.4
105 22.0 3.8 43.8
51 26.9 9.3 49.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

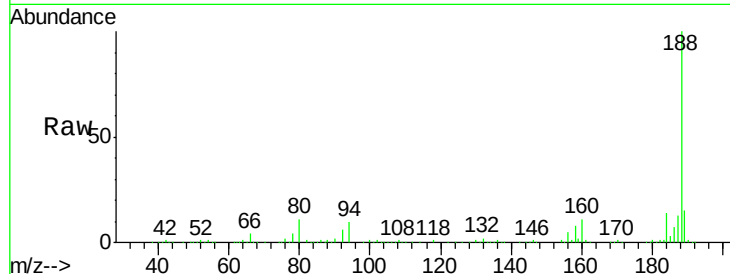




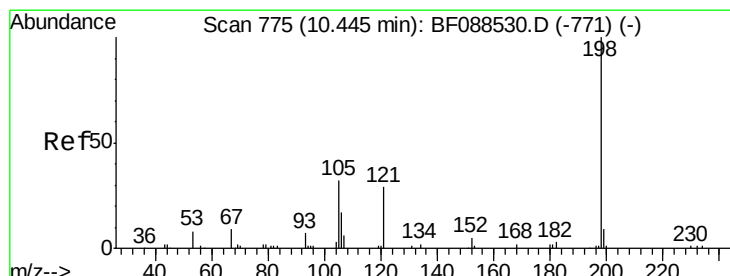
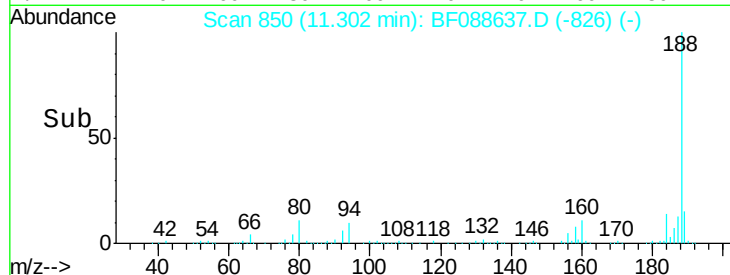
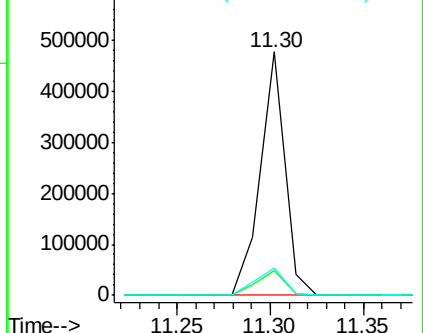
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088637.D
Acq: 3 Jul 2016 9:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 435793
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.6
80 11.2 10.0 15.0

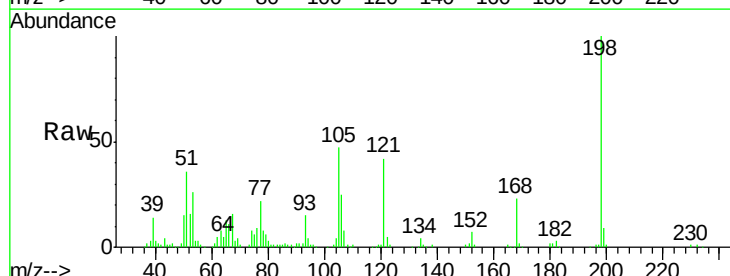


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

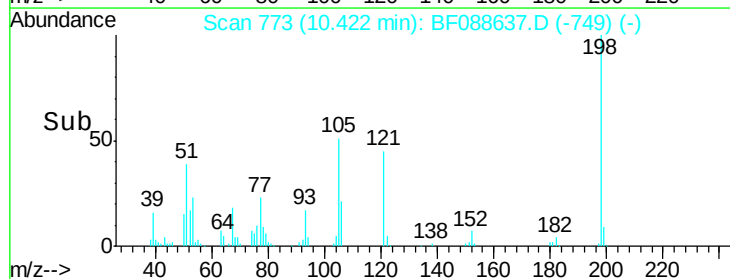
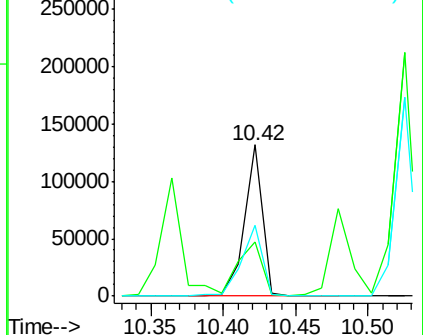


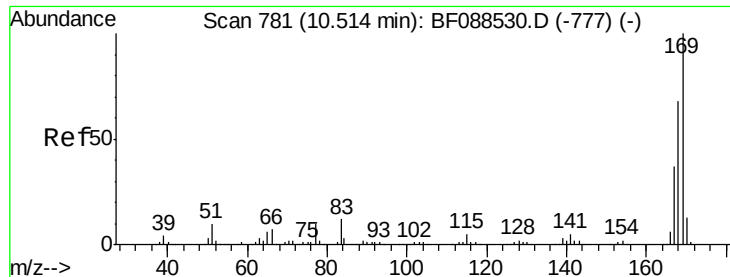
#64
4,6-Dinitro-2-methylphenol
Concen: 48.46 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF088637.D
Acq: 3 Jul 2016 9:15

Tgt Ion:198 Resp: 112960
Ion Ratio Lower Upper
198 100
51 36.0 39.6 79.6#
105 46.6 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

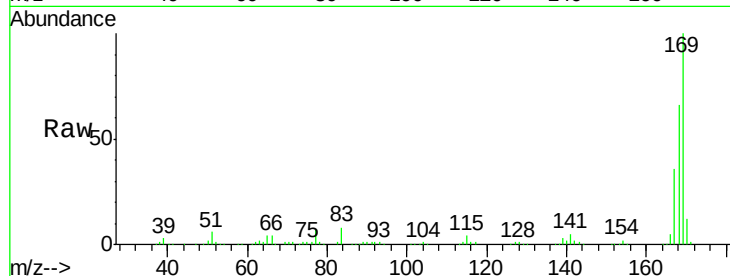




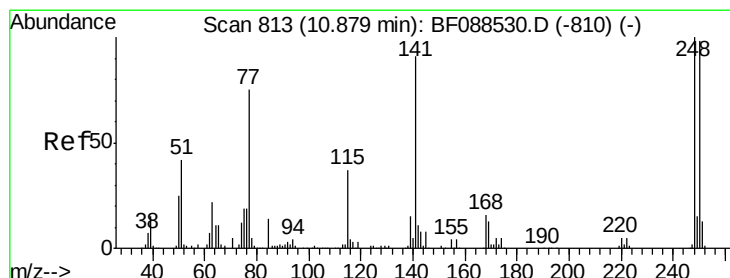
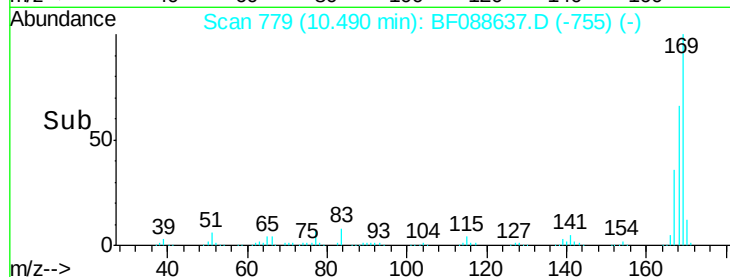
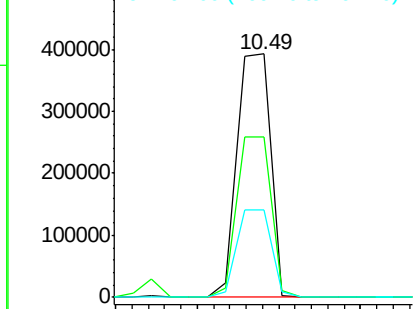
#65
 n-Nitrosodiphenylamine
 Concen: 37.52 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:169 Resp: 553404
 Ion Ratio Lower Upper
 169 100
 168 65.9 53.4 80.0
 167 35.8 29.4 44.0

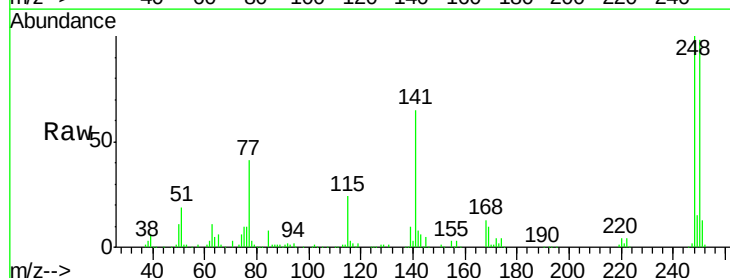


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

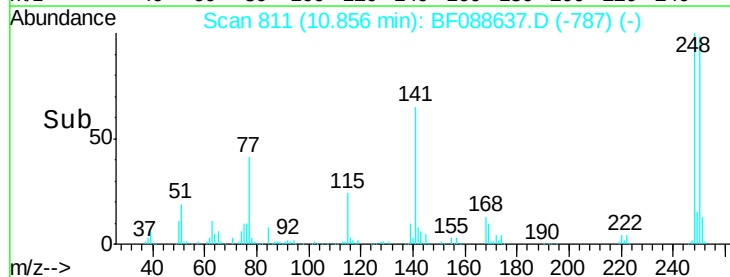
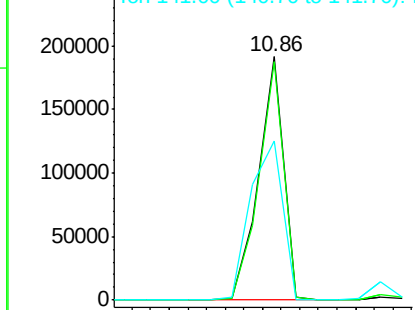


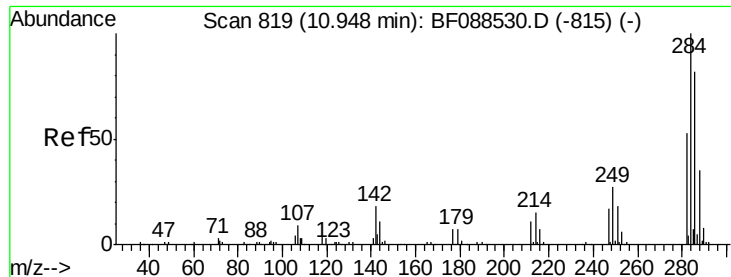
#66
 4-Bromophenyl-phenylether
 Concen: 40.03 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Tgt Ion:248 Resp: 175799
 Ion Ratio Lower Upper
 248 100
 250 97.9 77.1 115.7
 141 65.3 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: 36.95 ng

RT: 10.91 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampleId :

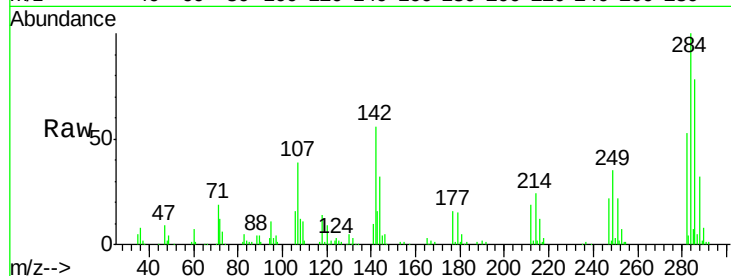
Tot Ion:284 Resp: 179625

Ion Ratio Lower Upper

284 100

142 56.4 35.8 53.8#

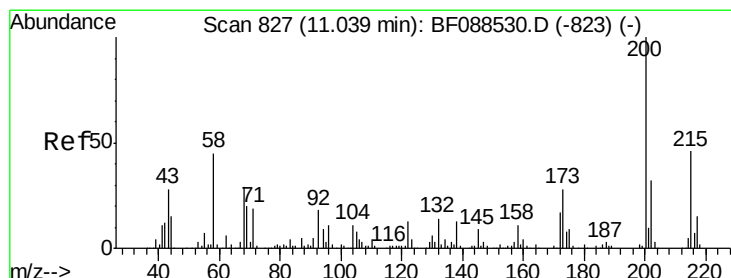
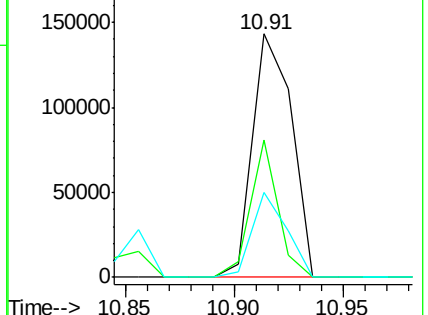
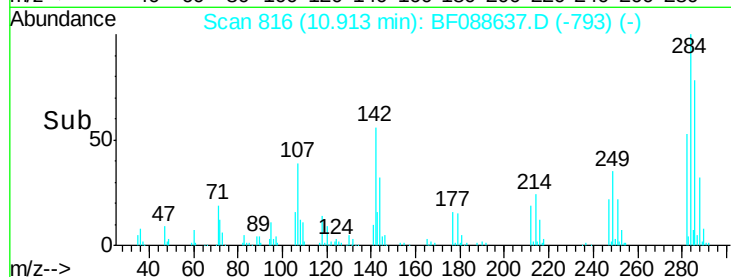
249 34.6 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.28 ng

RT: 11.02 min Scan# 825

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

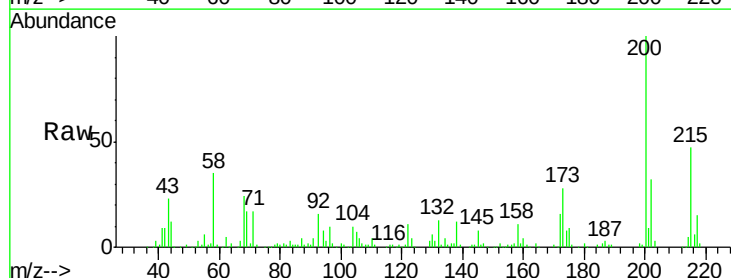
Tgt Ion:200 Resp: 189703

Ion Ratio Lower Upper

200 100

173 27.7 4.0 44.0

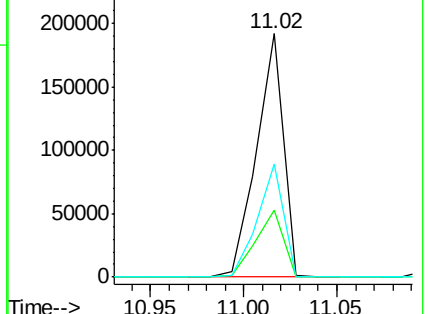
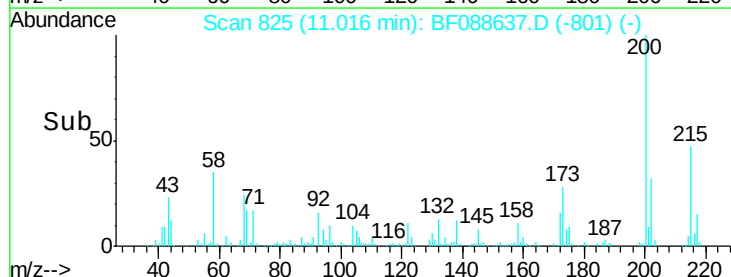
215 46.6 29.3 69.3

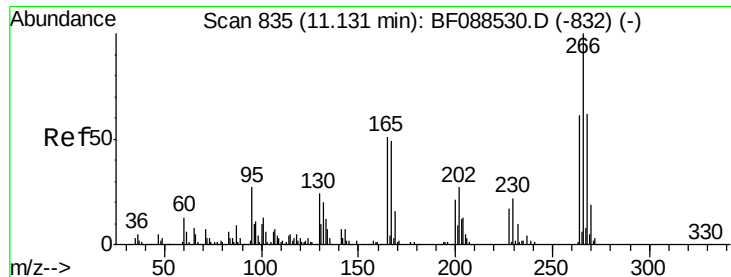


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

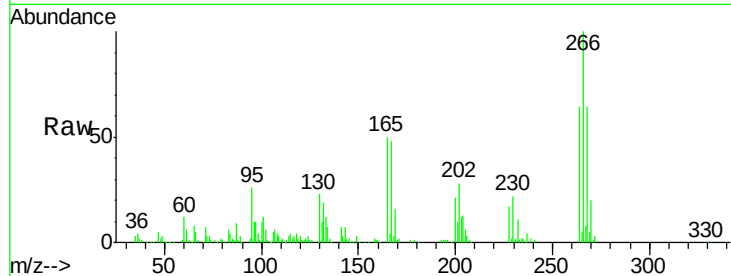




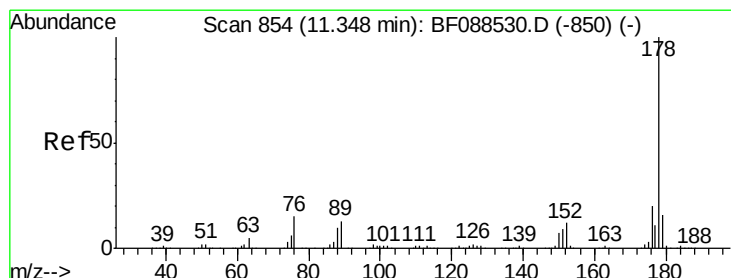
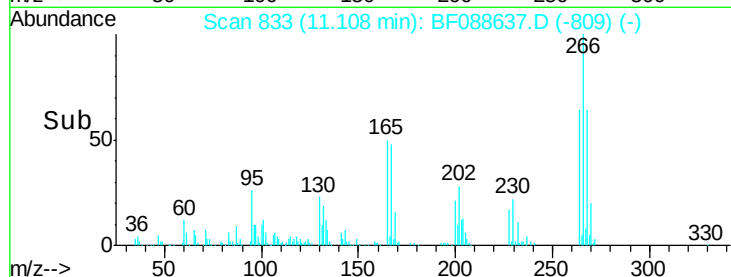
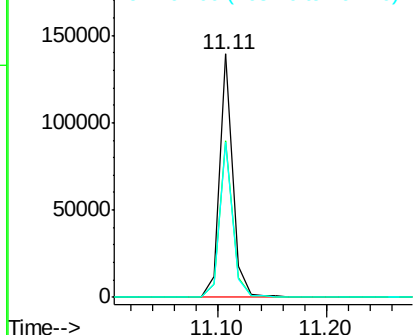
#69
 Pentachlorophenol
 Concen: 41.48 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 119329
 Ion Ratio Lower Upper
 266 100
 268 64.3 52.8 79.2
 264 64.0 49.6 74.4

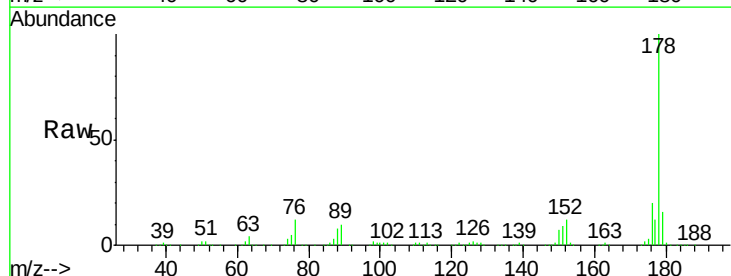


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

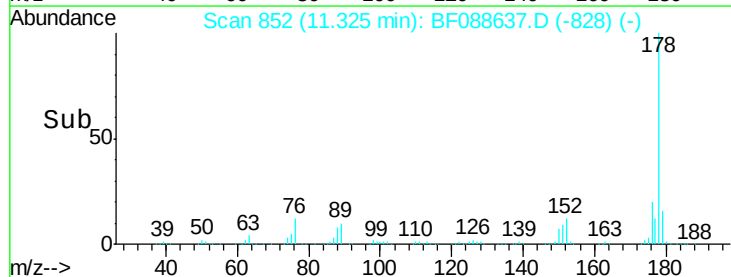
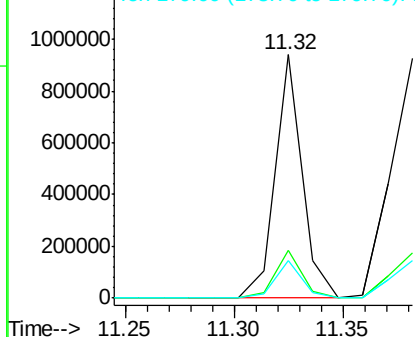


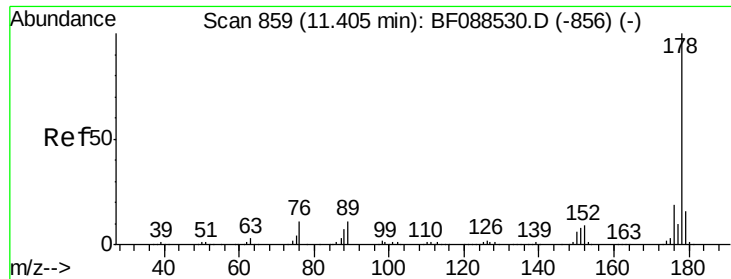
#70
 Phenanthrene
 Concen: 34.36 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Tgt Ion:178 Resp: 818627
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.6
 179 15.6 13.0 19.4



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

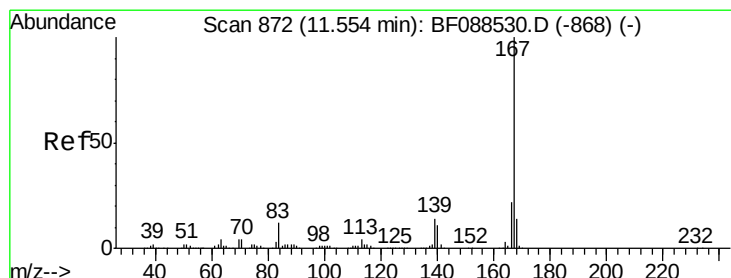
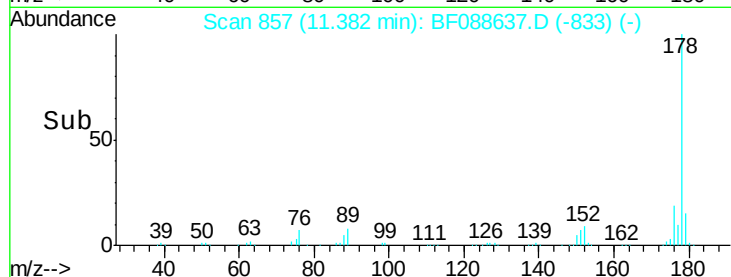
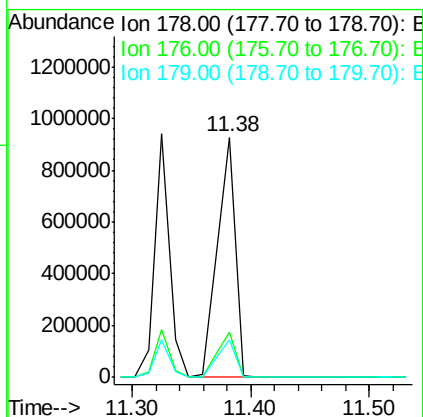
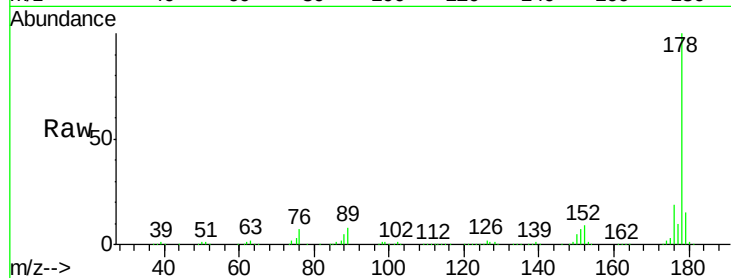




#71
 Anthracene
 Concen: 40.29 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

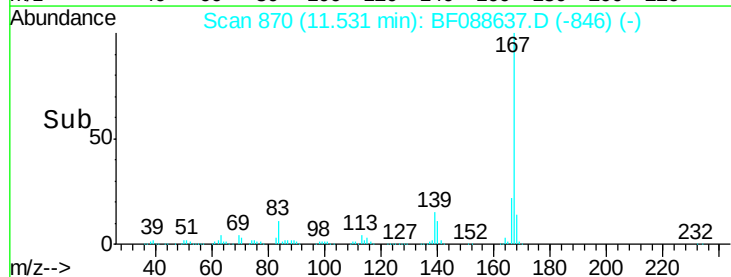
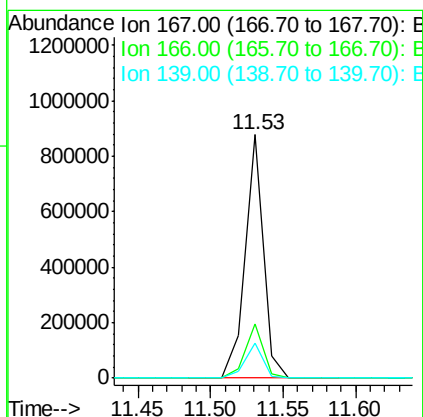
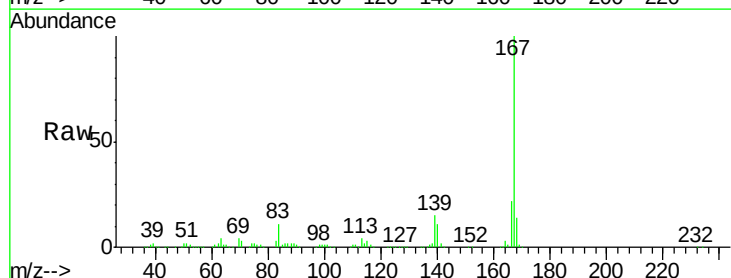
Instrument :
 BNA_F
 ClientSampleId :

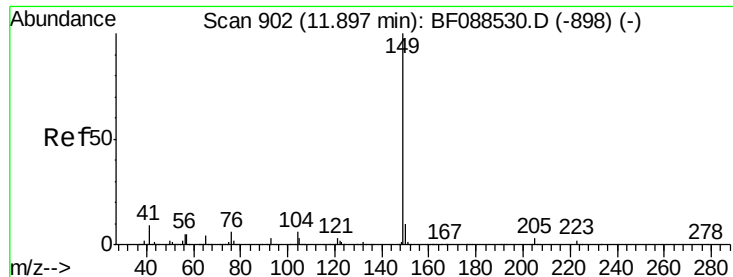
Tot Ion:178 Resp: 954348
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.4 12.8 19.2



#72
 Carbazole
 Concen: 34.44 ng
 RT: 11.53 min Scan# 870
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Tgt Ion:167 Resp: 767902
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 14.6 11.2 16.8





#73

Di-n-butylphthalate

Concen: 38.68 ng

RT: 11.87 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampleId :

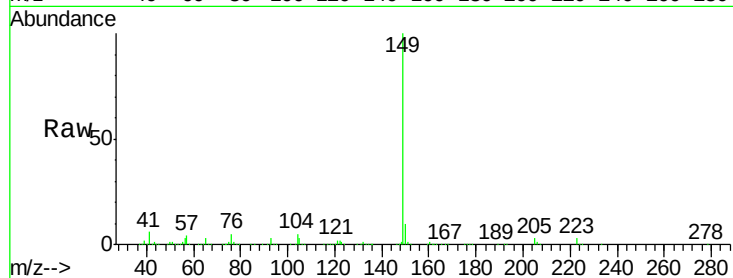
Tot Ion:149 Resp: 1003124

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

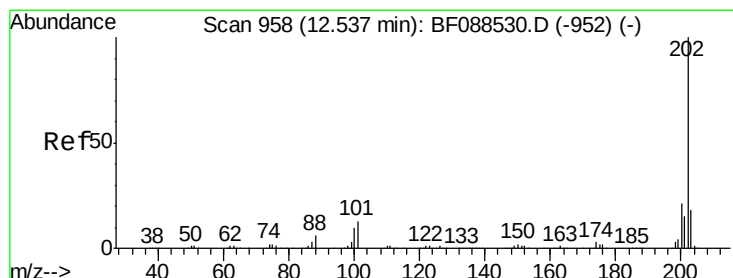
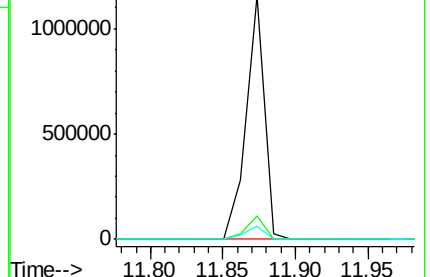
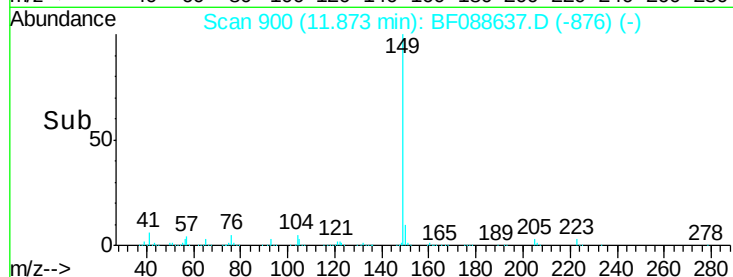
104 5.3 4.0 6.0



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: 39.91 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

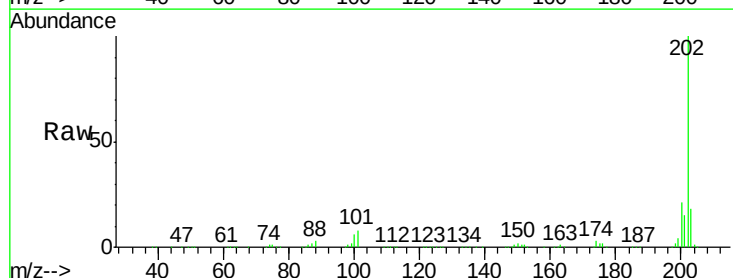
Tgt Ion:202 Resp: 963846

Ion Ratio Lower Upper

202 100

101 7.8 0.0 33.1

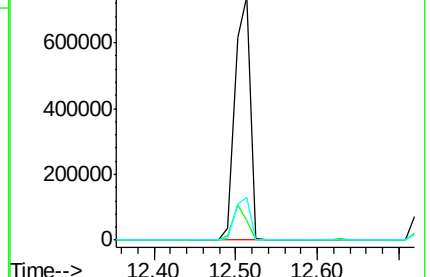
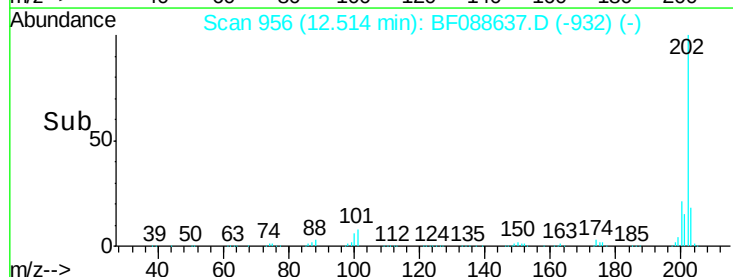
203 17.6 0.0 38.1

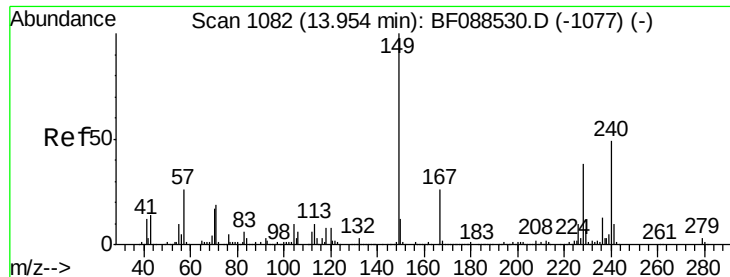


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampleId :

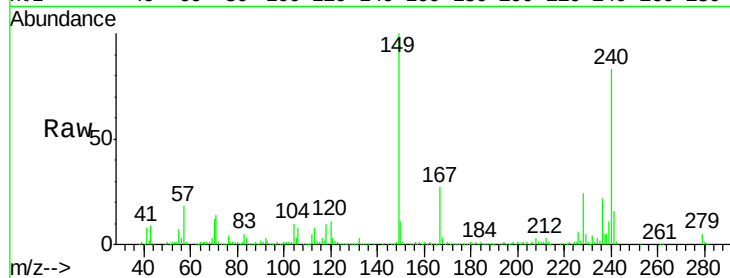
Tot Ion:240 Resp: 311436

Ion Ratio Lower Upper

240 100

120 13.4 6.8 10.2#

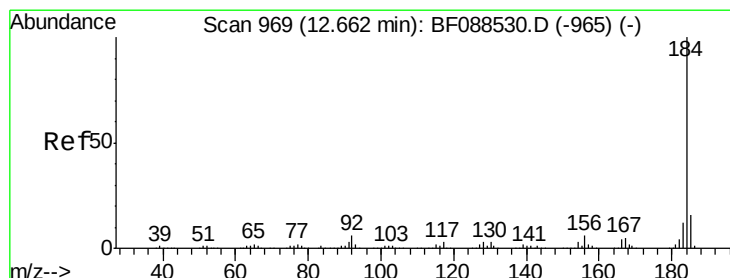
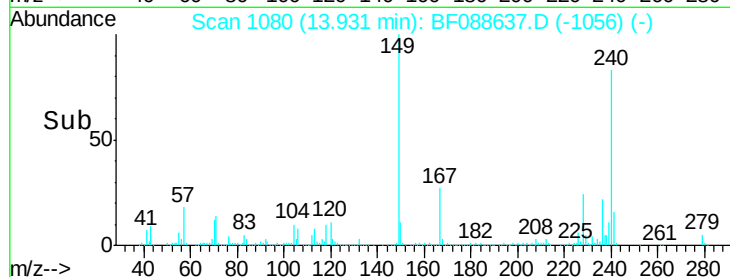
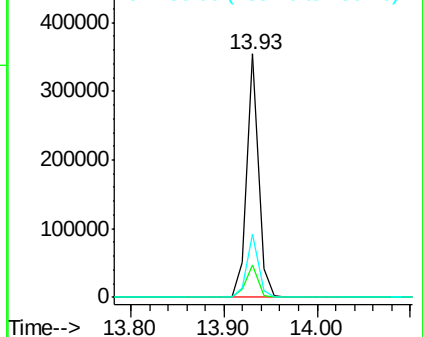
236 25.9 20.2 30.2



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: 30.76 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

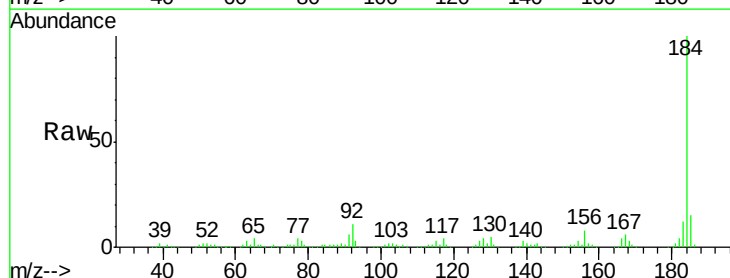
Tgt Ion:184 Resp: 484273

Ion Ratio Lower Upper

184 100

185 14.9 12.5 18.7

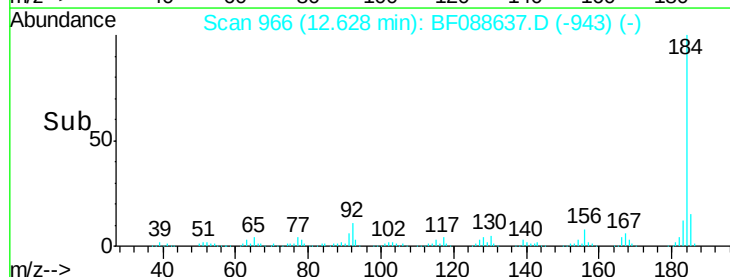
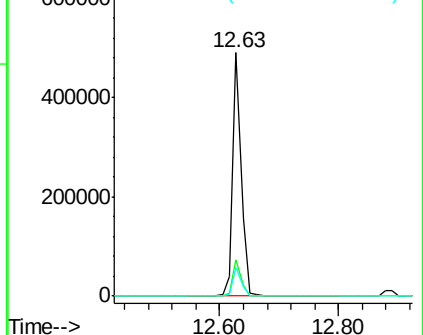
183 12.0 9.3 13.9

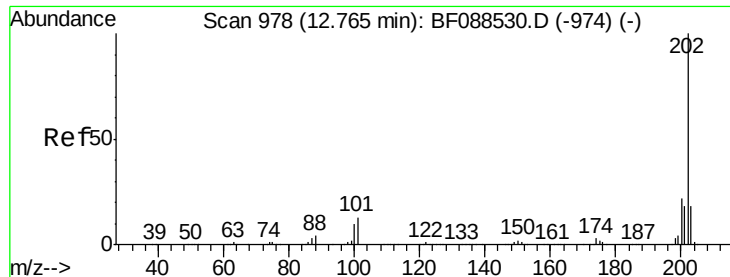


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

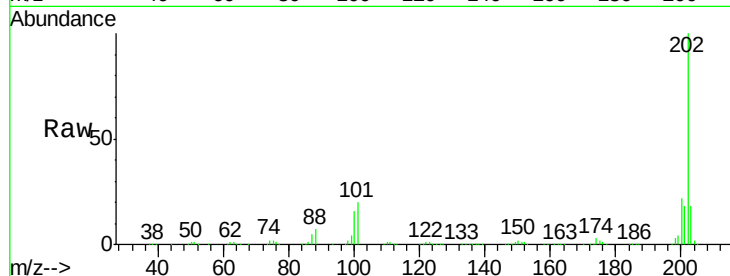




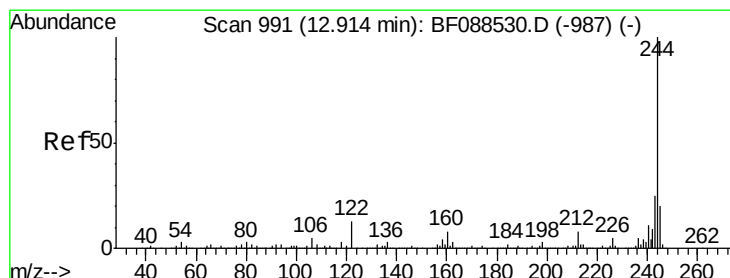
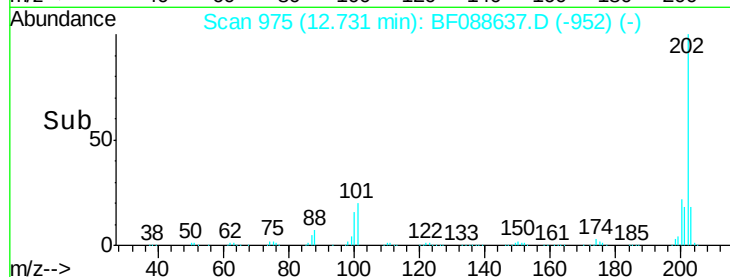
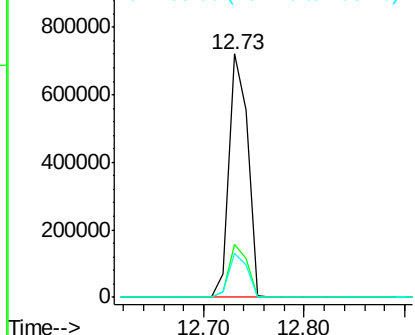
#77
Pvrene
Concen: 35.21 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.03 min
Lab File: BF088637.D
Acq: 3 Jul 2016 9:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 929691
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.2 14.5 21.7

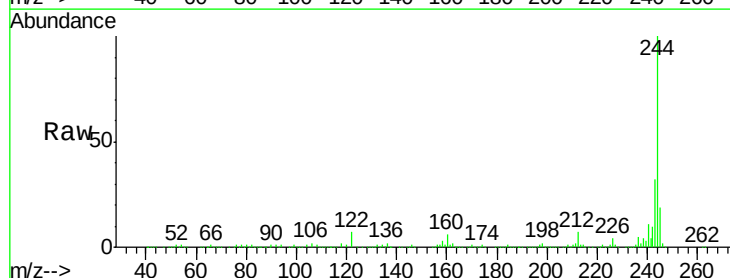


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

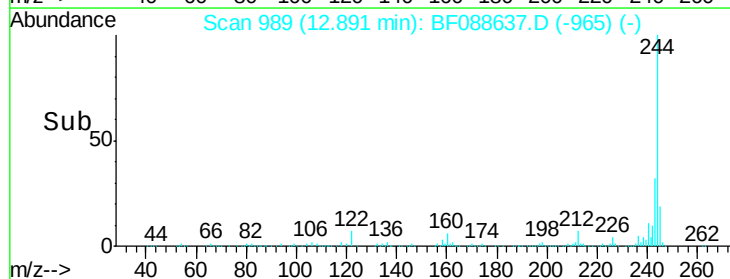
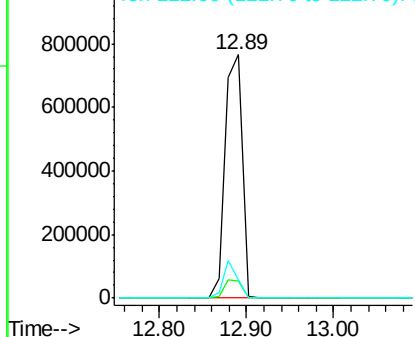


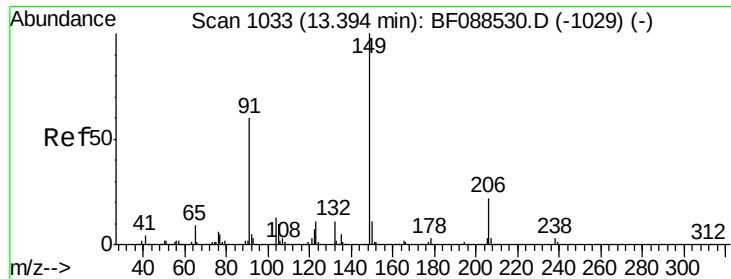
#78
Terphenyl-d14
Concen: 75.12 ng
RT: 12.89 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF088637.D
Acq: 3 Jul 2016 9:15

Tgt Ion:244 Resp: 1050416
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 7.5 11.2 16.8#



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





#79

Butylbenzylphthalate

Concen: 33.62 ng

RT: 13.36 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampleId :

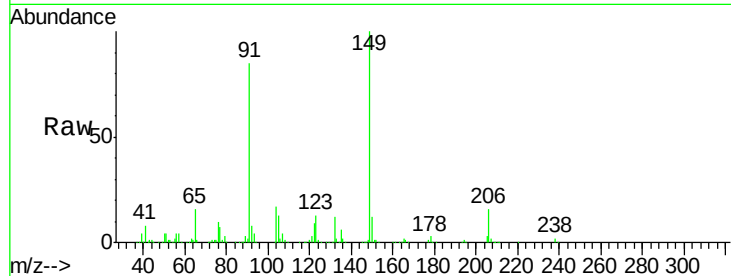
Tot Ion:149 Resp: 395968

Ion Ratio Lower Upper

149 100

91 85.3 48.0 72.0#

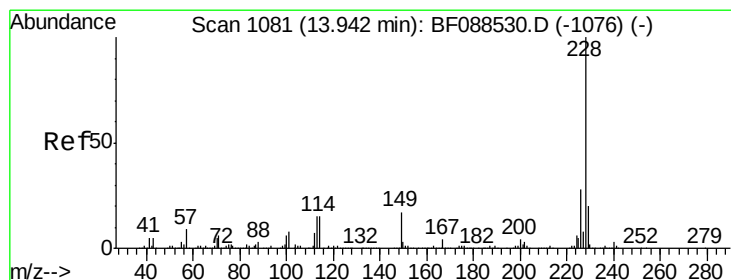
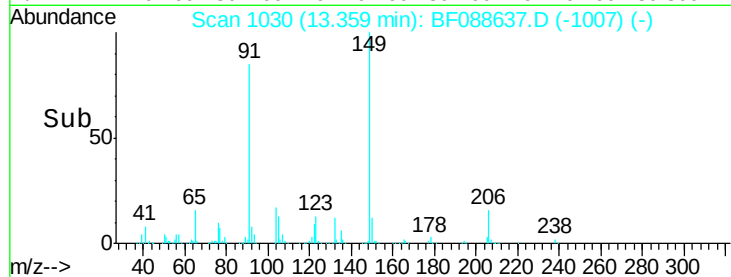
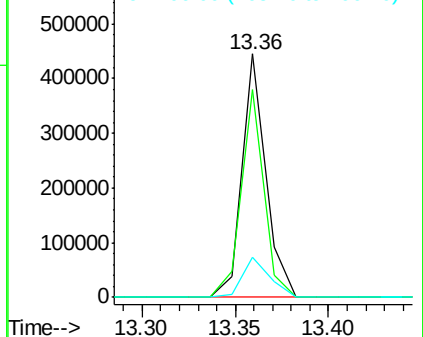
206 16.4 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.24 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

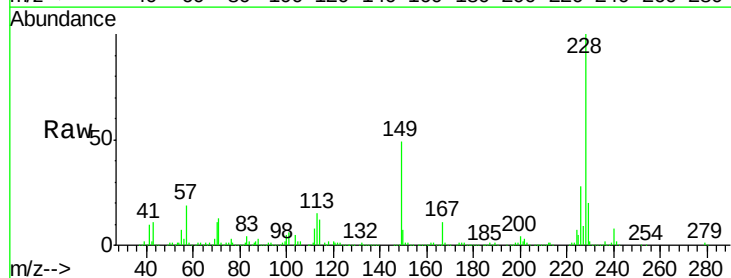
Tgt Ion:228 Resp: 766919

Ion Ratio Lower Upper

228 100

226 28.3 22.3 33.5

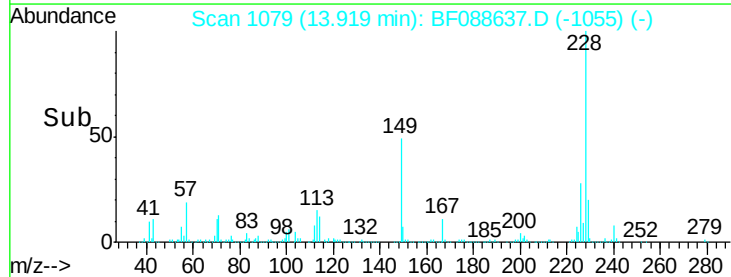
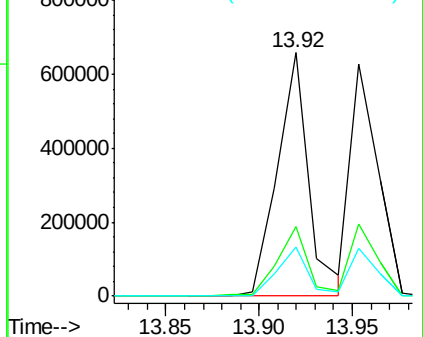
229 20.1 16.0 24.0

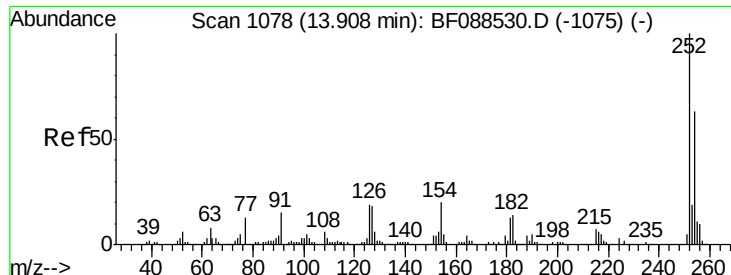


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

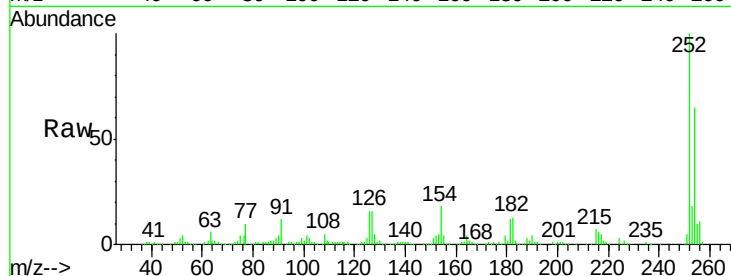




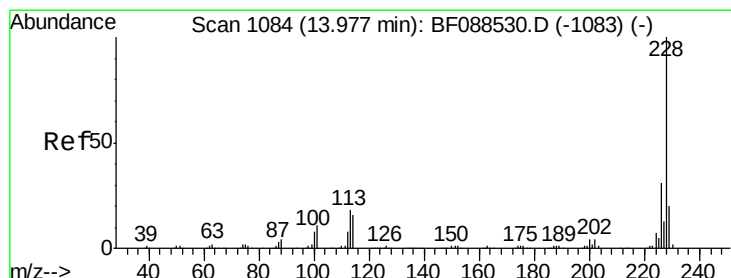
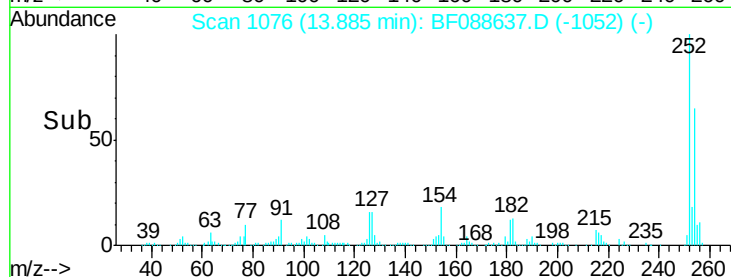
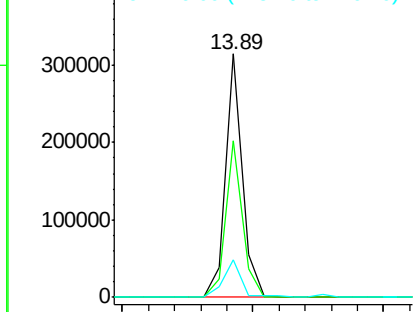
#81
 3,3'-Dichlorobenzidine
 Concen: 37.44 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 282288
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.6 78.8
 126 15.6 6.2 9.2#

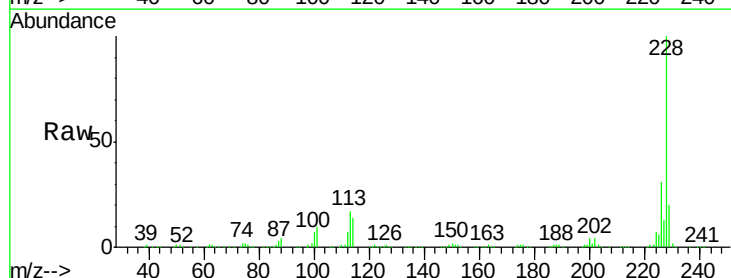


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

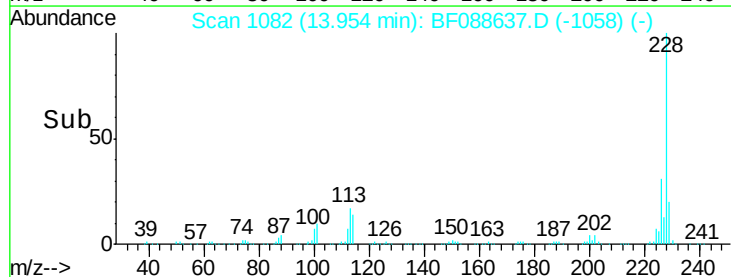
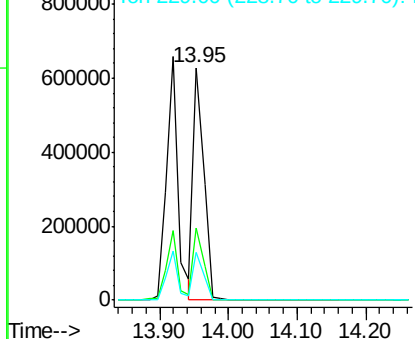


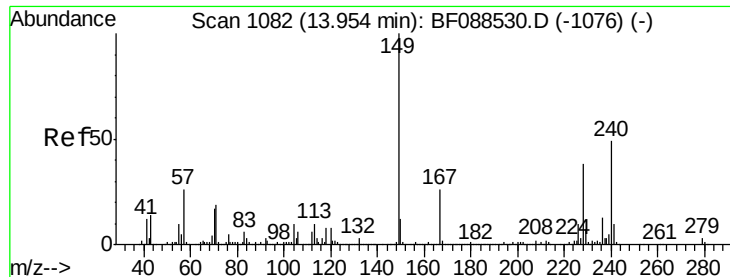
#82
 Chrysene
 Concen: 33.23 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Tgt Ion:228 Resp: 659399
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.2
 229 20.4 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: 39.11 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampleId :

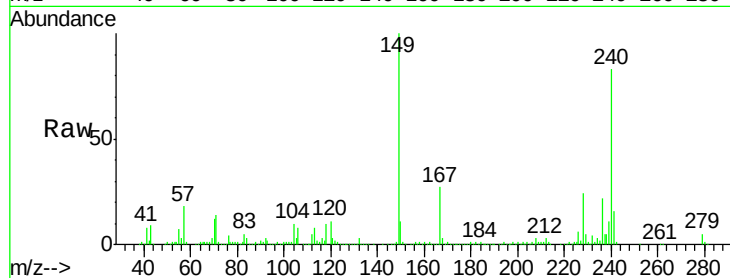
Tot Ion:149 Resp: 525871

Ion Ratio Lower Upper

149 100

167 27.4 20.5 30.7

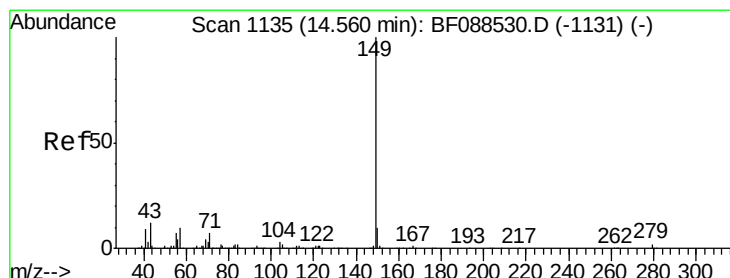
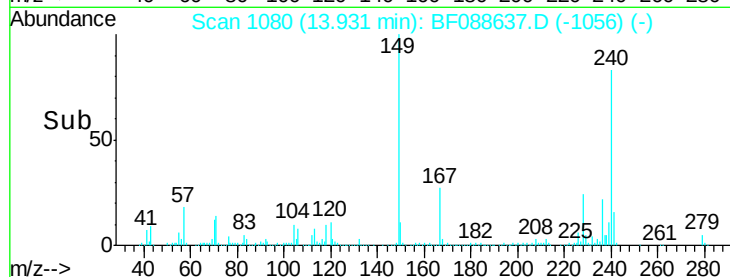
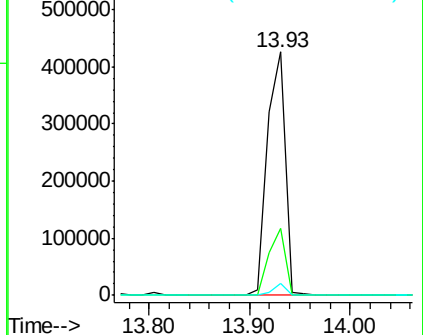
279 4.7 2.0 3.0#



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: 44.00 ng

RT: 14.54 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

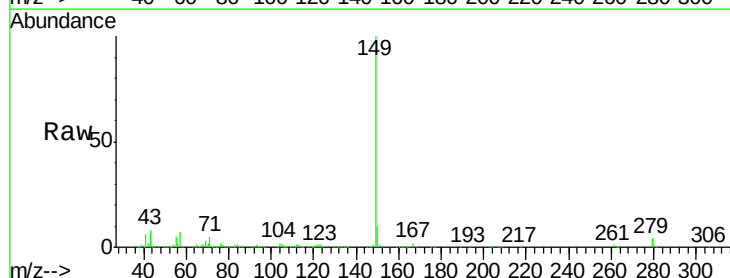
Tgt Ion:149 Resp: 1005234

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

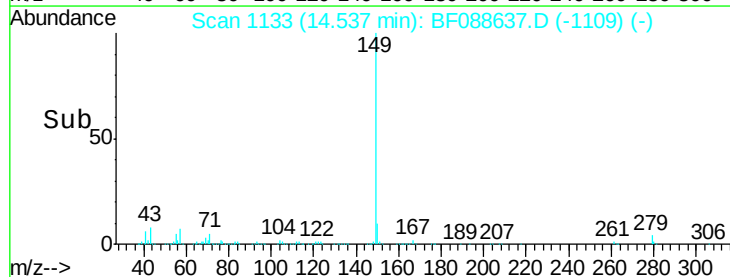
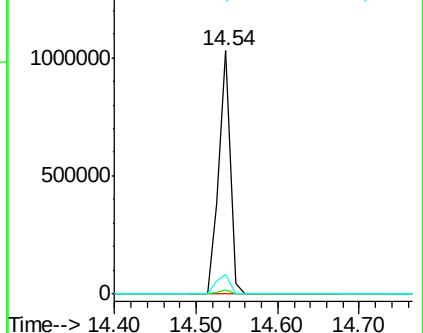
43 9.8 0.0 0.0#

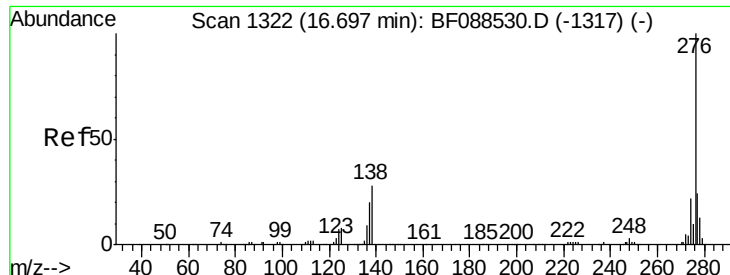


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

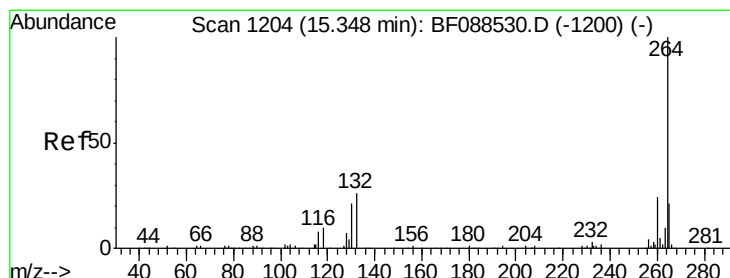
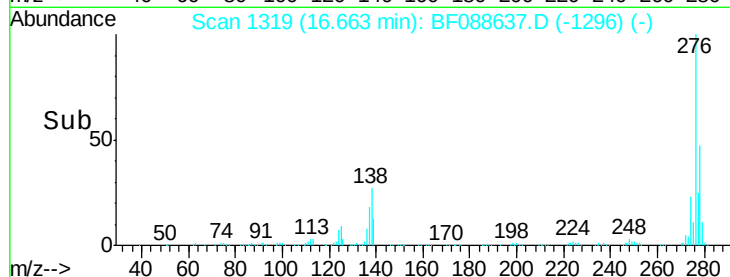
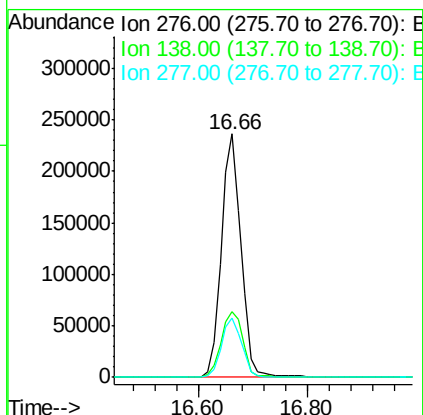
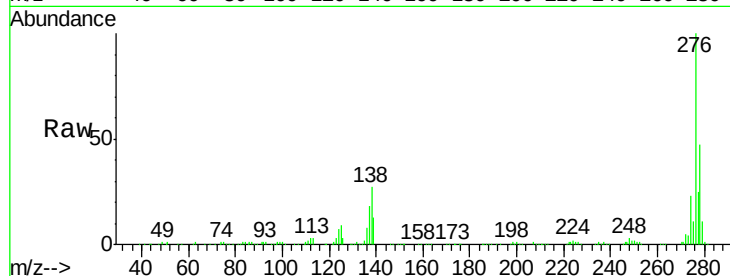




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.12 ng
 RT: 16.66 min Scan# 1319
 Delta R.T. -0.03 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

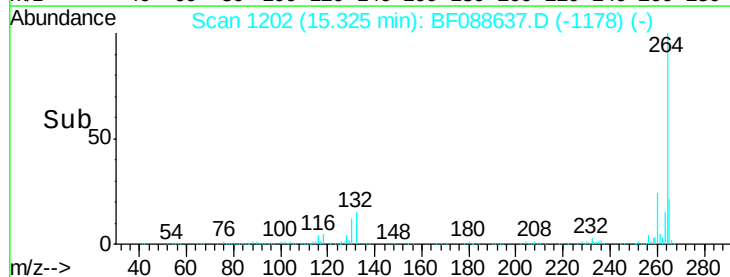
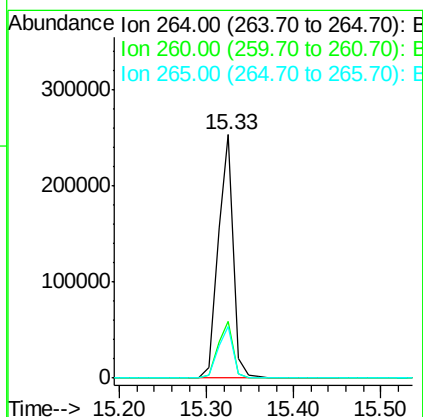
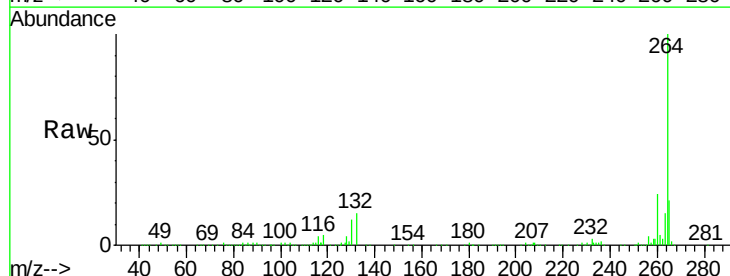
Instrument :
 BNA_F
 ClientSampleId :

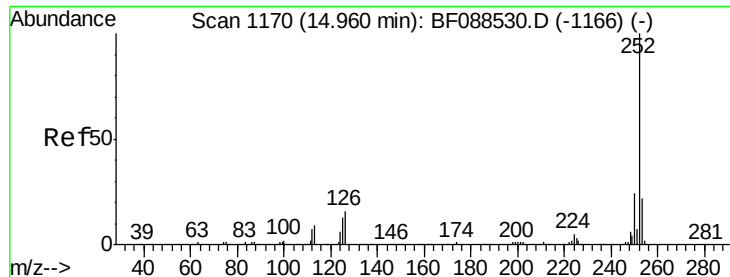
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.1	0.0	0.0#
277	25.1	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF088637.D
 Acq: 3 Jul 2016 9:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.0	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 70.29 ng

RT: 14.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampleId :

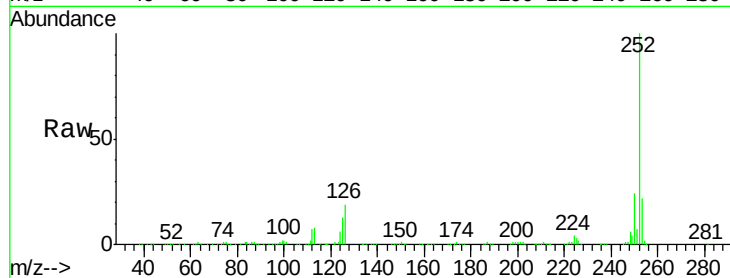
Tot Ion:252 Resp: 1355936

Ion Ratio Lower Upper

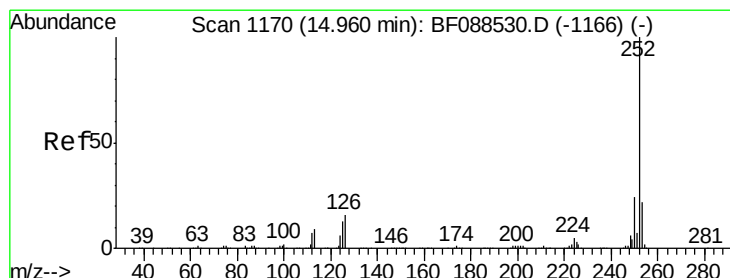
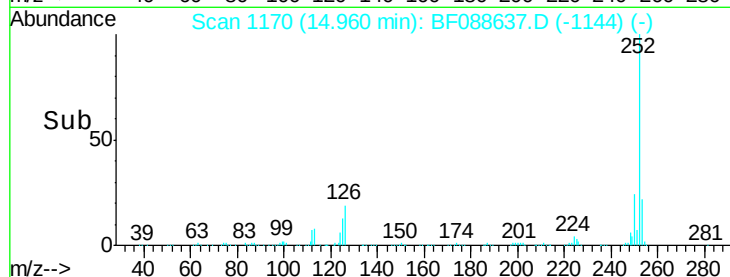
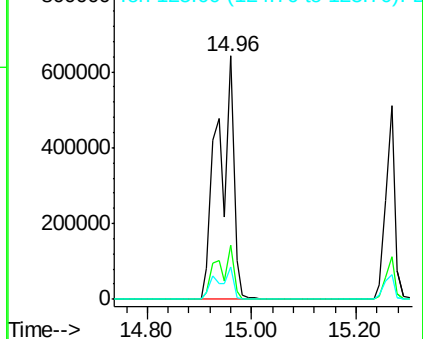
252 100

253 22.2 17.4 26.2

125 13.1 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 80.75 ng

RT: 14.96 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

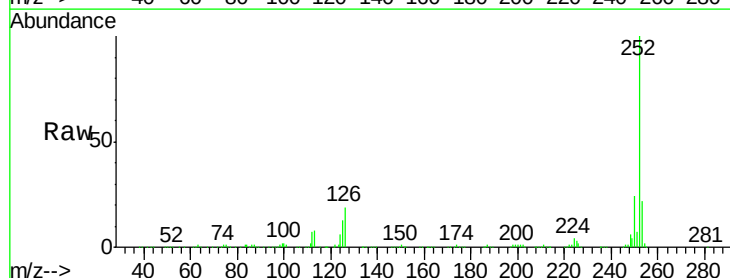
Tgt Ion:252 Resp: 1355936

Ion Ratio Lower Upper

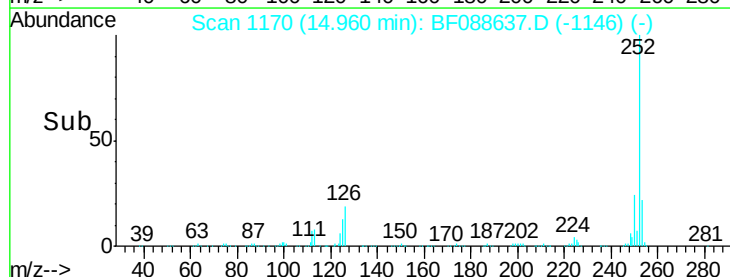
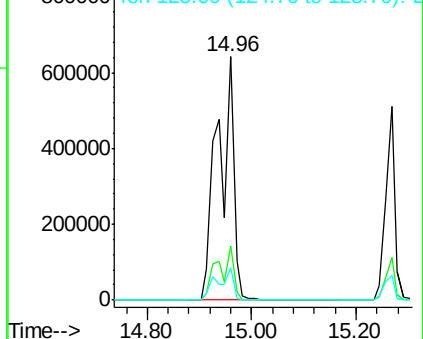
252 100

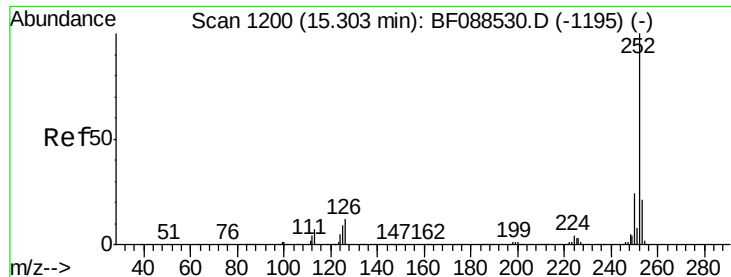
253 22.2 18.0 27.0

125 13.1 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.36 ng

RT: 15.27 min Scan# 1197

Delta R.T. -0.03 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampleId :

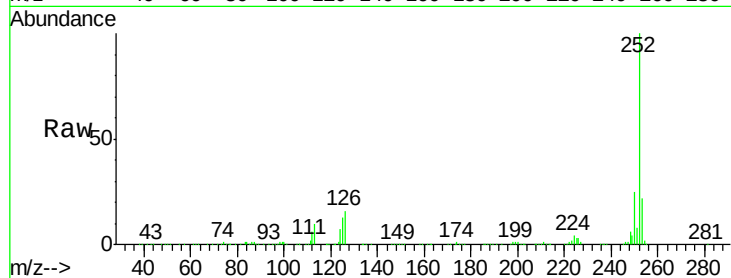
Tot Ion:252 Resp: 626431

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

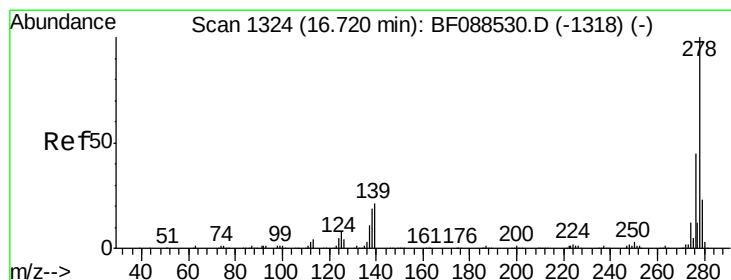
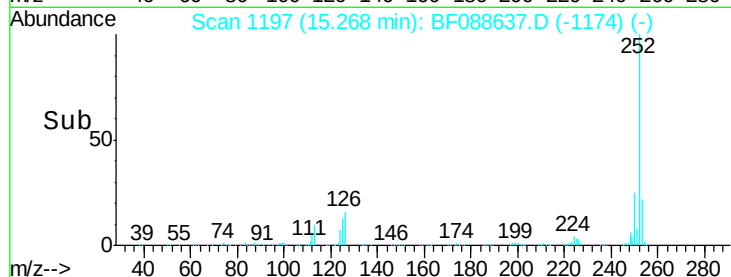
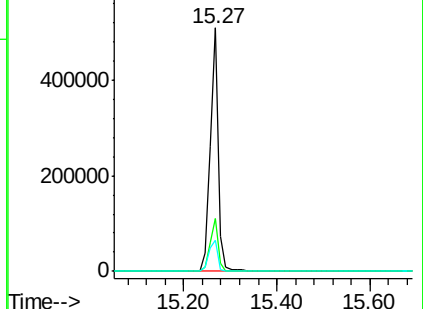
125 12.6 12.5 18.7



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: 37.44 ng

RT: 16.67 min Scan# 1320

Delta R.T. -0.05 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

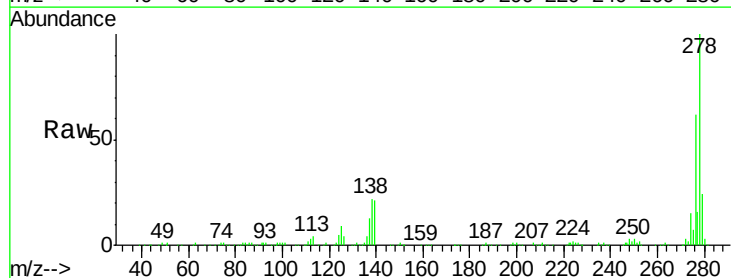
Tgt Ion:278 Resp: 510629

Ion Ratio Lower Upper

278 100

139 21.5 15.7 23.5

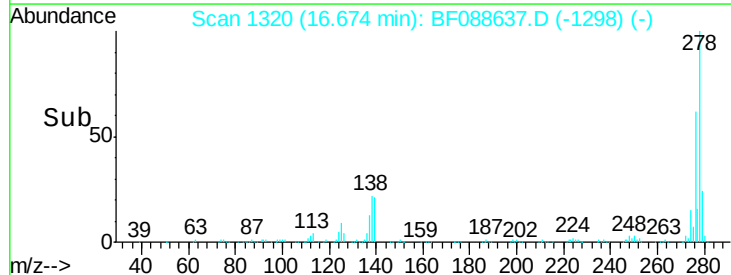
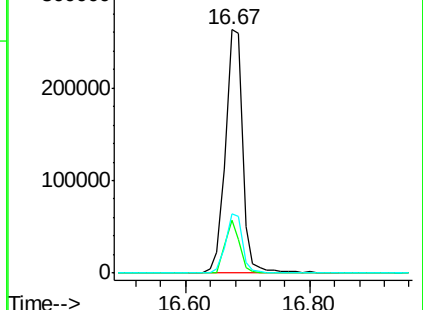
279 24.2 19.4 29.2

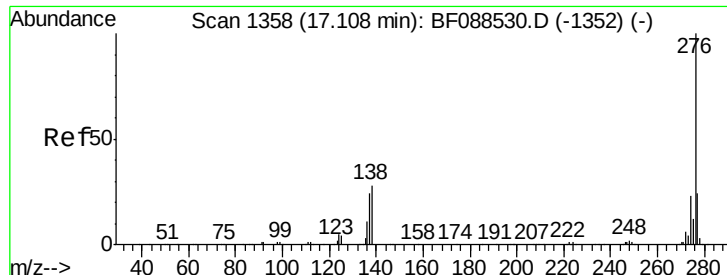


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.48 ng

RT: 17.06 min Scan# 1354

Delta R.T. -0.05 min

Lab File: BF088637.D

Acq: 3 Jul 2016 9:15

Instrument :

BNA_F

ClientSampleId :

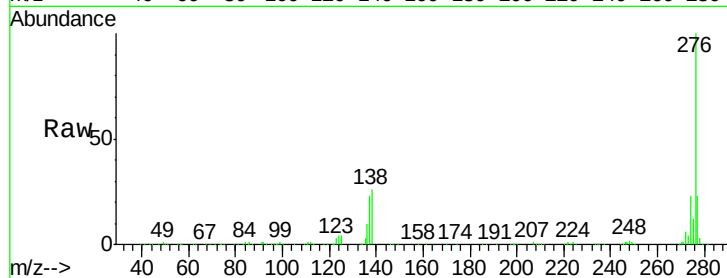
Tot Ion: 276 Resp: 514849

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 26.0 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

