

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088638.D
 Acq On : 3 Jul 2016 9:44
 Operator : UM/SJ
 Sample : PB91776BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 04:52:54 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	113167	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	446736	20.00	ng	-0.03
38) Acenaphthene-d10	9.83	164	219921	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	444409	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	339711	20.00	ng	-0.02
86) Perylene-d12	15.33	264	328057	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	849846	112.55	ng	-0.01
7) Phenol-d6	6.42	99	1069386	109.60	ng	-0.02
23) Nitrobenzene-d5	7.35	82	695281	81.56	ng	-0.03
41) 2,4,6-Tribromophenol	10.62	330	297243	145.55	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1283810	92.21	ng	-0.02
78) Terphenyl-d14	12.89	244	1206715	79.12	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.42	88	110307	29.47	ng	# 33
3) Pyridine	3.10	79	166722	15.35	ng	94
4) n-Nitrosodimethylamine	3.04	42	72619	17.50	ng	88
6) Aniline	6.44	93	153242	10.78	ng	93
8) 2-Chlorophenol	6.57	128	183816	22.65	ng	94
9) Benzaldehyde	6.33	77	105234	15.92	ng	98
10) Phenol	6.43	94	177989	15.98	ng	# 65
11) bis(2-Chloroethyl)ether	6.52	93	181714	21.88	ng	89
12) 1,3-Dichlorobenzene	6.96	146	173884	19.47	ng	96
13) 1,4-Dichlorobenzene	6.80	146	171419	19.34	ng	95
14) 1,2-Dichlorobenzene	6.96	146	173890	20.96	ng	96
15) Benzyl Alcohol	6.92	79	158123	22.02	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	228345	18.99	ng	92
17) 2-Methylphenol	7.05	107	146797	22.17	ng	96
18) Hexachloroethane	7.30	117	69535	20.28	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	123897	18.90	ng	92
20) 3+4-Methylphenols	7.20	107	184184	23.18	ng	# 85
22) Acetophenone	7.20	105	250073	23.06	ng	# 89
24) Nitrobenzene	7.37	77	207355	24.12	ng	92
25) Isophorone	7.61	82	363405	23.01	ng	98
26) 2-Nitrophenol	7.69	139	85915	24.38	ng	# 78
27) 2,4-Dimethylphenol	7.72	122	161296	21.97	ng	89
28) bis(2-Chloroethoxy)methane	7.83	93	236623	23.03	ng	# 97
29) 2,4-Dichlorophenol	7.93	162	150519	25.37	ng	96
30) 1,2,4-Trichlorobenzene	8.01	180	141293	21.70	ng	99
31) Naphthalene	8.09	128	492789	22.38	ng	99
32) Benzoic acid	7.83	122	90404	16.96	ng	91
33) 4-Chloroaniline	8.14	127	92673	9.46	ng	95
34) Hexachlorobutadiene	8.22	225	78986	22.66	ng	99
35) Caprolactam	8.54	113	31469	15.62	ng	92
36) 4-Chloro-3-methylphenol	8.63	107	173369	24.71	ng	99
37) 2-Methylnaphthalene	8.79	142	336361	23.72	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	121578	16.62	ng	# 1
40) Hexachlorocyclopentadiene	8.95	237	242614	67.58	ng	98

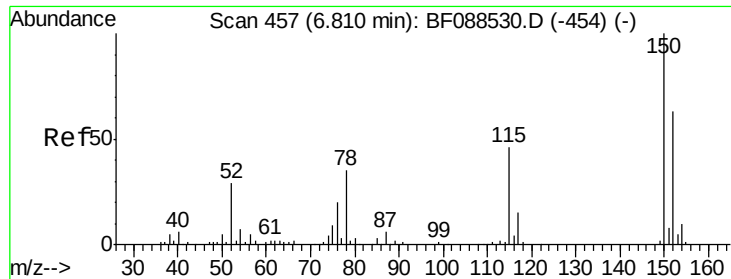
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	110528	22.92	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	96149	23.17	nq	# 85
45) 1,1'-Biphenyl	9.24	154	390239	21.43	nq	99
46) 2-Chloronaphthalene	9.27	162	305470	21.37	nq	99
47) 2-Nitroaniline	9.36	65	96959	19.11	nq	92
48) Acenaphthylene	9.68	152	488840	21.49	nq	100
49) Dimethylphthalate	9.55	163	383295	24.46	nq	98
50) 2,6-Dinitrotoluene	9.61	165	88518	25.49	nq	99
51) Acenaphthene	9.85	154	361550	25.93	nq	98
52) 3-Nitroaniline	9.77	138	62508	14.16	nq	99
53) 2,4-Dinitrophenol	9.88	184	132428	86.37	nq	# 73
54) Dibenzofuran	10.02	168	442514	24.25	nq	# 88
55) 4-Nitrophenol	9.94	139	241236	71.91	nq	93
56) 2,4-Dinitrotoluene	10.01	165	124039	27.32	nq	# 83
57) Fluorene	10.36	166	324993	23.11	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	88914	27.70	nq	# 57
59) Diethylphthalate	10.25	149	379033	24.11	nq	100
60) 4-Chlorophenyl-phenylether	10.36	204	158864	24.31	nq	96
61) 4-Nitroaniline	10.38	138	82144	19.34	nq	85
62) Azobenzene	10.52	77	465506	25.95	nq	96
64) 4,6-Dinitro-2-methylphenol	10.41	198	46962	19.76	nq	88
65) n-Nitrosodiphenylamine	10.48	169	298326	19.83	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	95035	21.22	nq	# 90
67) Hexachlorobenzene	10.91	284	102285	20.63	nq	97
68) Atrazine	11.00	200	91187	19.46	nq	90
69) Pentachlorophenol	11.11	266	168225	57.34	nq	97
70) Phenanthrene	11.32	178	532756	21.93	nq	99
71) Anthracene	11.37	178	514598	21.30	nq	99
72) Carbazole	11.53	167	522707	22.99	nq	99
73) Di-n-butylphthalate	11.87	149	623575	23.58	nq	98
74) Fluoranthene	12.50	202	499885	20.30	nq	96
76) Benzidine	12.63	184	188124	10.96	nq	98
77) Pyrene	12.73	202	532931	18.50	nq	99
79) Butylbenzylphthalate	13.36	149	258369	20.11	nq	# 79
80) Benzo(a)anthracene	13.92	228	458882	20.98	nq	100
81) 3,3'-Dichlorobenzidine	13.89	252	95838	11.65	nq	98
82) Chrysene	13.95	228	464162	21.45	nq	98
83) Bis(2-ethylhexyl)phthalate	13.92	149	324791	22.14	nq	# 96
84) Di-n-octyl phthalate	14.54	149	609821	24.47	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.65	276	369984	22.22	nq	# 100
87) Benzo(b)fluoranthene	14.93	252	843211	40.97	nq	# 96
88) Benzo(k)fluoranthene	14.93	252	843211	47.07	nq	99
89) Benzo(a)pyrene	15.26	252	399868	22.95	nq	99
90) Dibenzo(a,h)anthracene	16.67	278	307472	21.13	nq	97
91) Benzo(g,h,i)perylene	17.05	276	301493	20.02	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: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampleId :

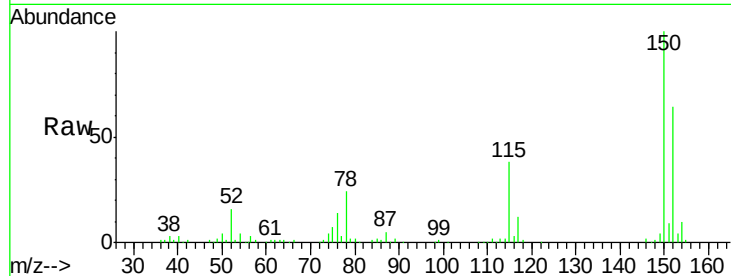
Tot Ion:152 Resp: 113167

Ion Ratio Lower Upper

152 100

150 156.2 123.8 185.6

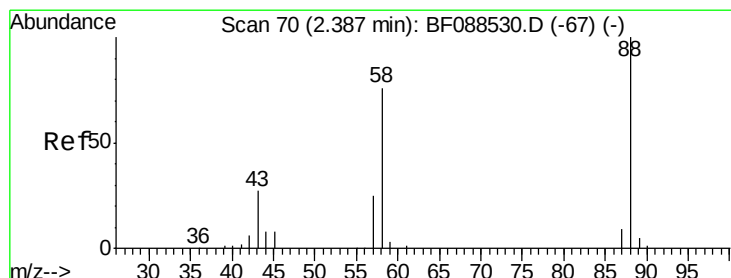
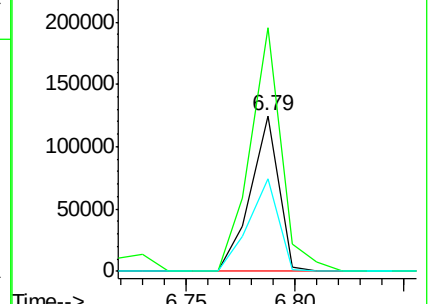
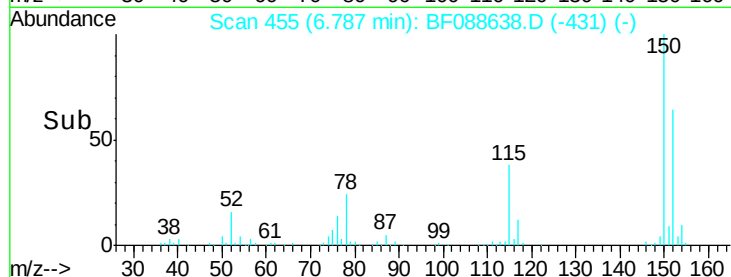
115 59.8 39.6 59.4#



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: 29.47 ng

RT: 2.42 min Scan# 73

Delta R.T. 0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

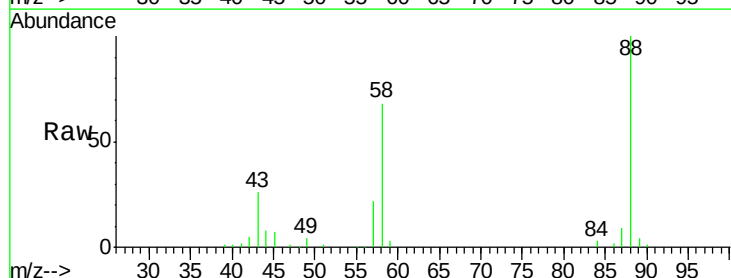
Tgt Ion: 88 Resp: 110307

Ion Ratio Lower Upper

88 100

58 71.5 0.0 0.0#

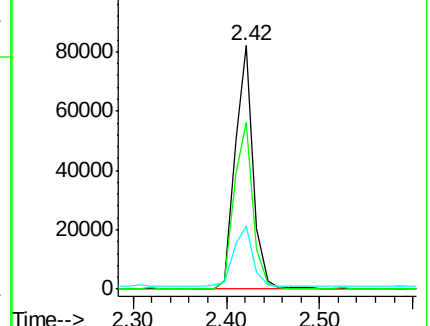
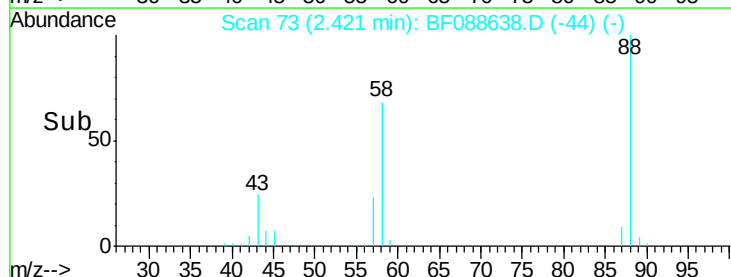
43 26.5 3.4 5.2#

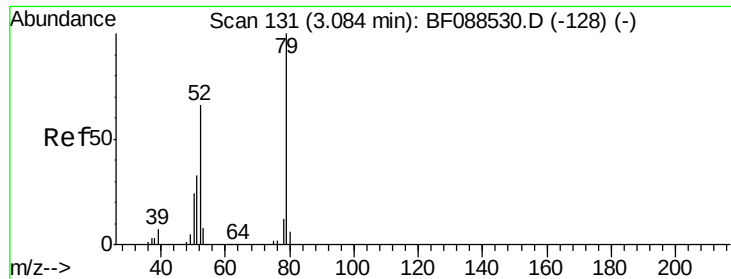


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 15.35 ng

RT: 3.10 min Scan# 132

Delta R.T. 0.01 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampled :

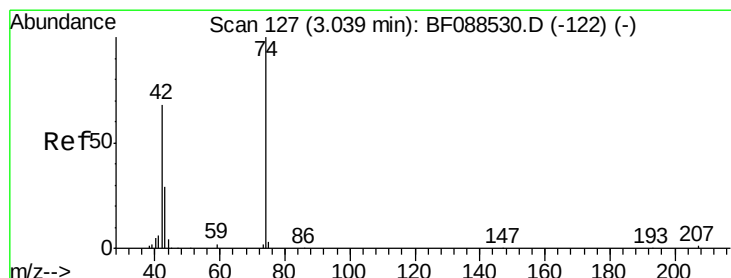
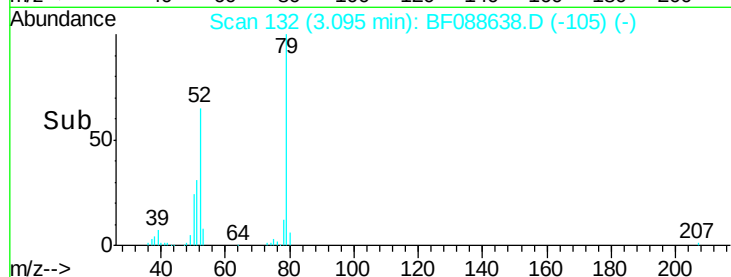
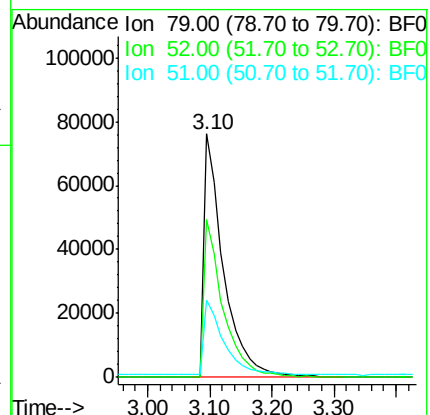
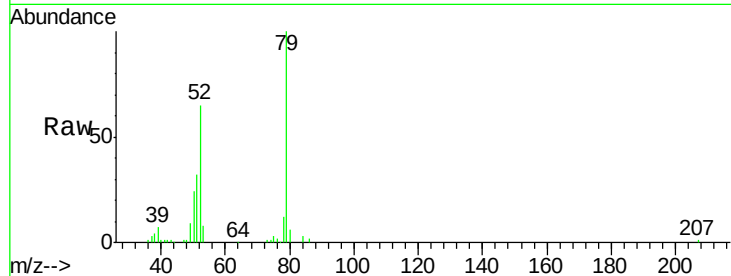
Tot Ion: 79 Resp: 166722

Ion Ratio Lower Upper

79 100

52 65.0 56.3 84.5

51 31.9 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 17.50 ng

RT: 3.04 min Scan# 127

Delta R.T. -0.00 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

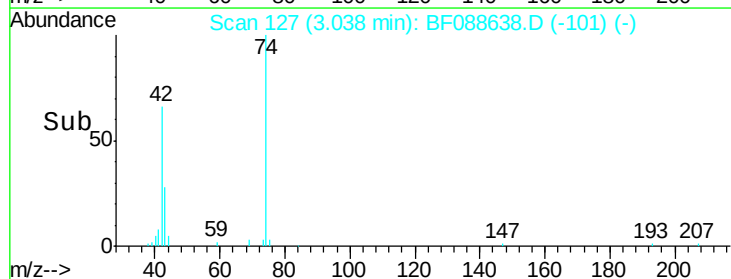
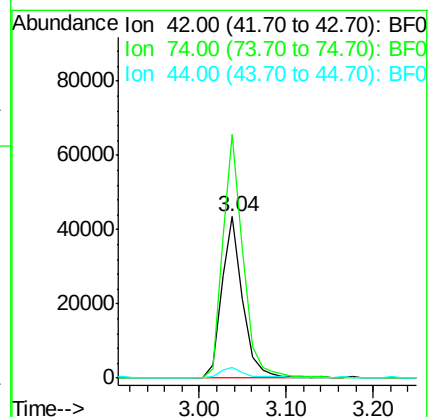
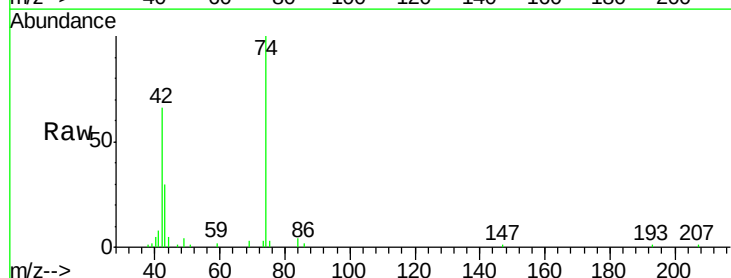
Tgt Ion: 42 Resp: 72619

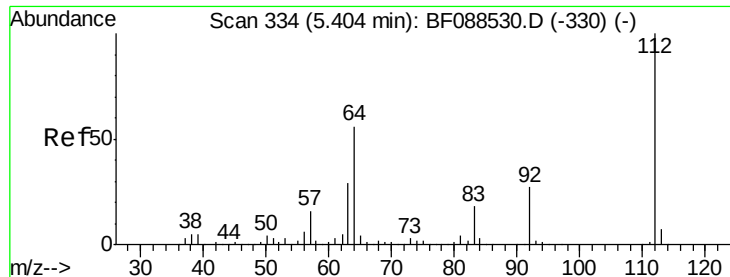
Ion Ratio Lower Upper

42 100

74 150.9 108.6 163.0

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 112.55 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampleId :

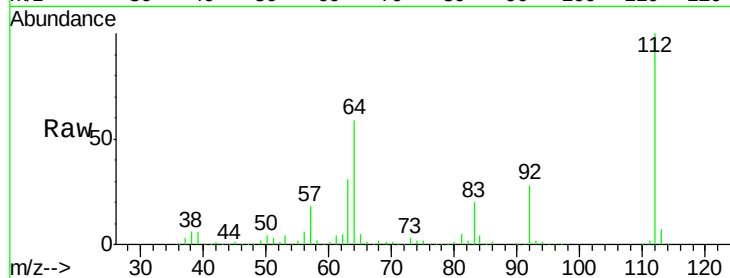
Tot Ion: 112 Resp: 849846

Ion Ratio Lower Upper

112 100

64 59.0 42.2 63.2

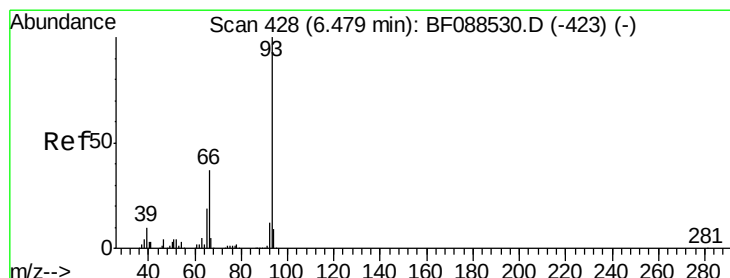
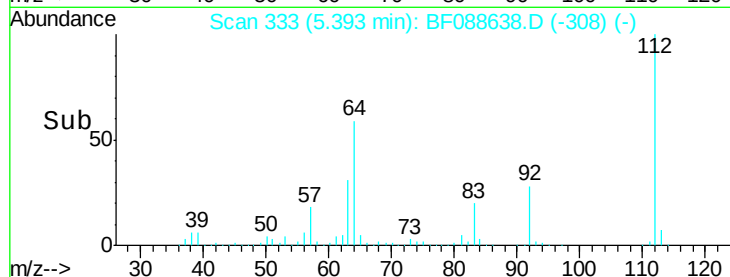
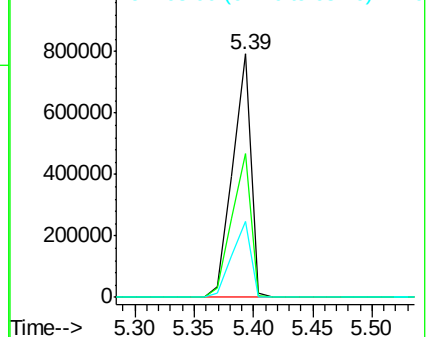
63 31.3 21.8 32.8



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: 10.78 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

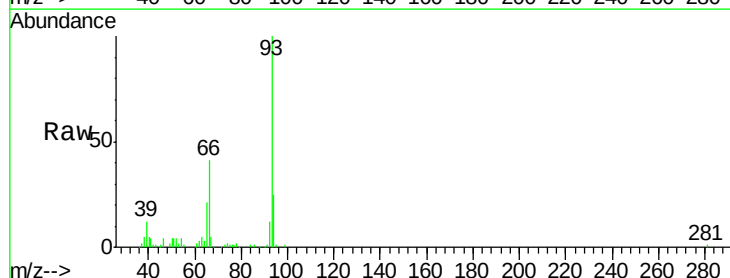
Tgt Ion: 93 Resp: 153242

Ion Ratio Lower Upper

93 100

66 41.3 29.8 44.8

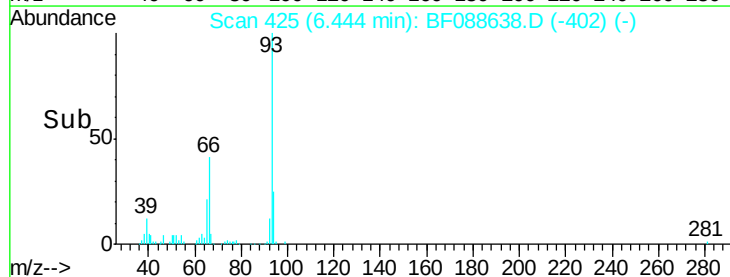
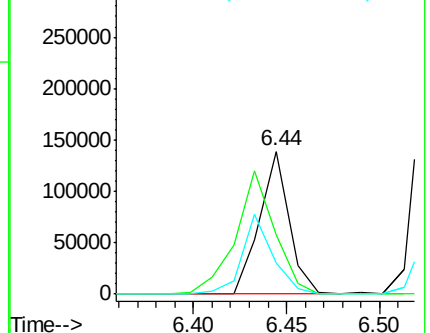
65 21.4 14.9 22.3

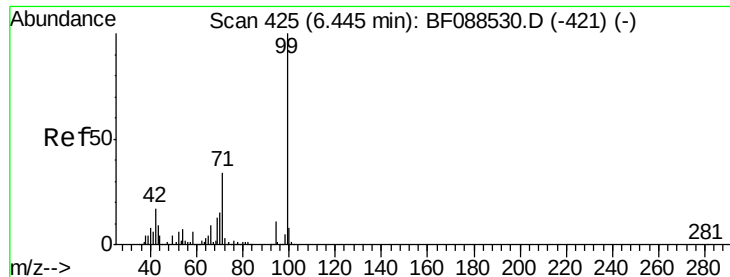


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.60 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

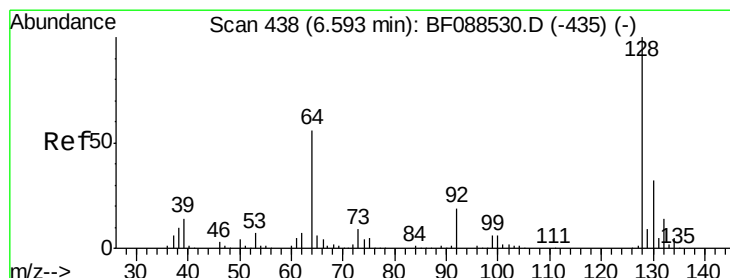
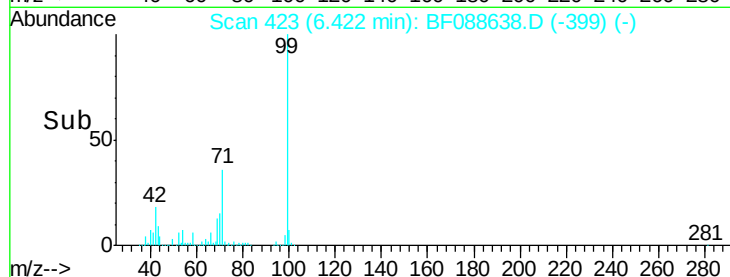
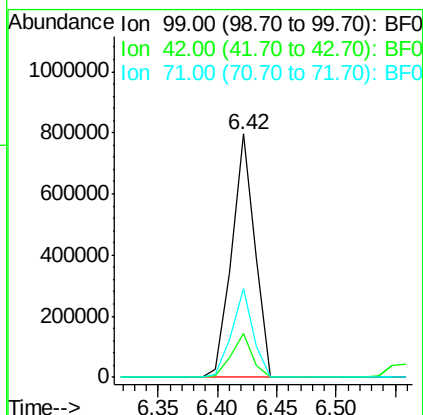
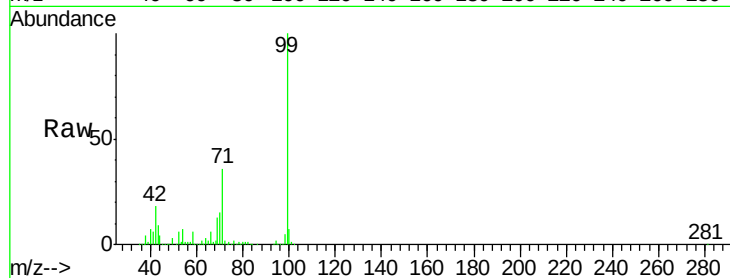
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1069386

Ion	Ratio	Lower	Upper
99	100		
42	17.9	12.2	18.2
71	36.2	23.4	35.0#



#8

2-Chlorophenol

Concen: 22.65 ng

RT: 6.57 min Scan# 436

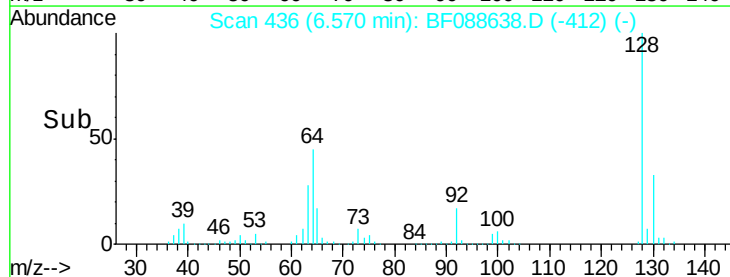
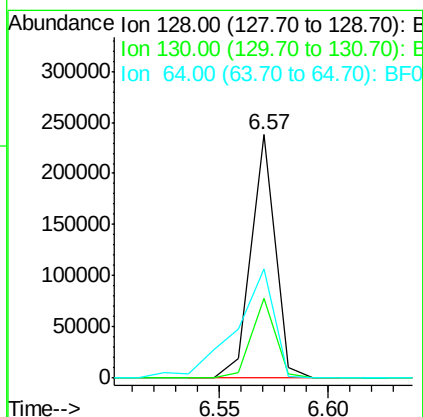
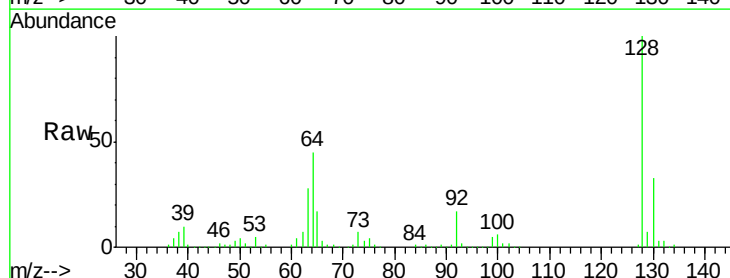
Delta R.T. -0.02 min

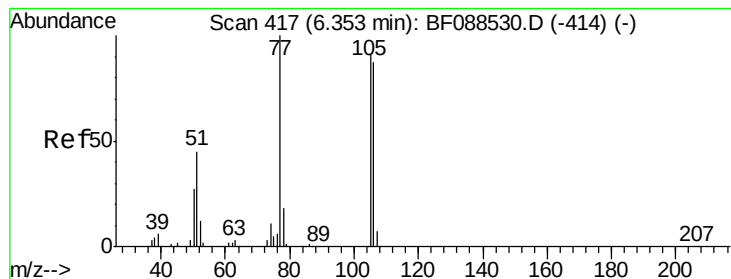
Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Tgt Ion: 128 Resp: 183816

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.0	52.0
64	44.7	30.8	70.8





#9

Benzaldehyde

Concen: 15.92 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampleId :

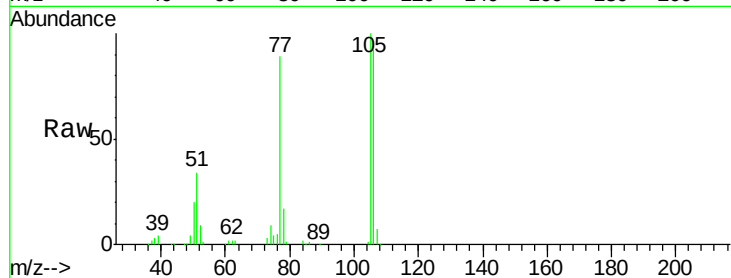
Tot Ion: 77 Resp: 105234

Ion Ratio Lower Upper

77 100

105 112.5 90.6 130.6

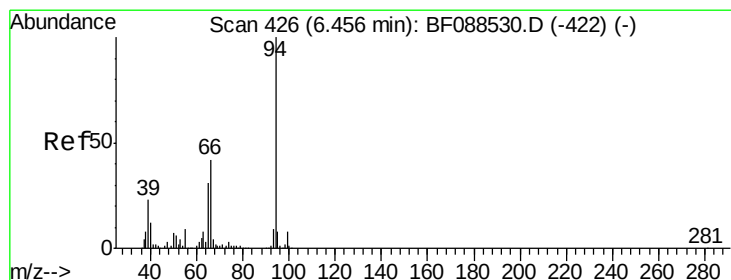
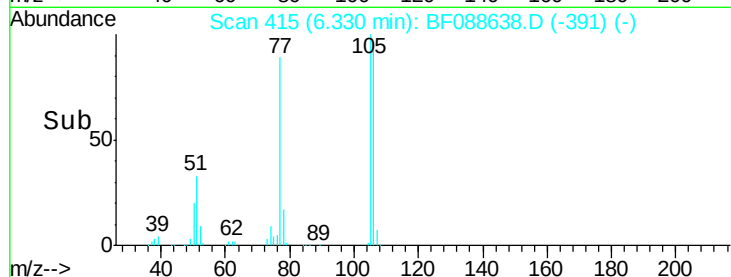
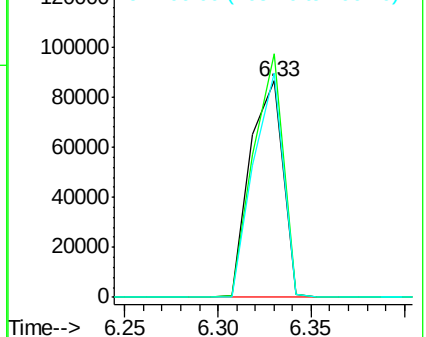
106 103.6 85.3 125.3



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: 15.98 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

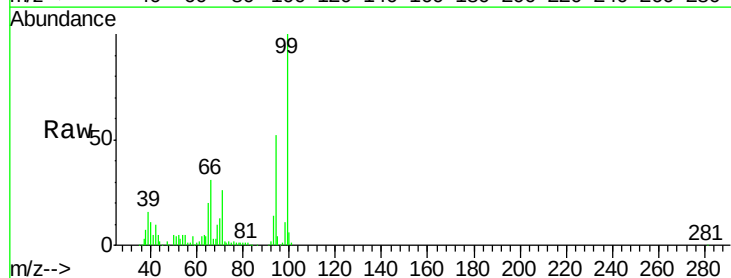
Tgt Ion: 94 Resp: 177989

Ion Ratio Lower Upper

94 100

65 38.3 5.9 45.9

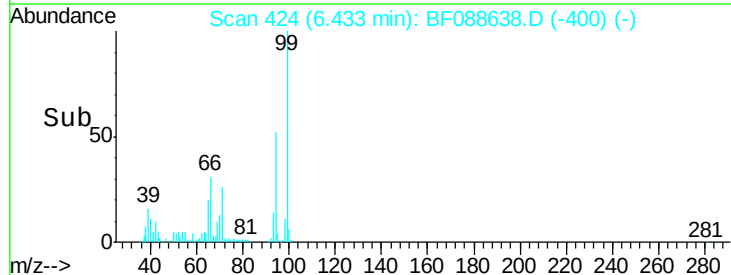
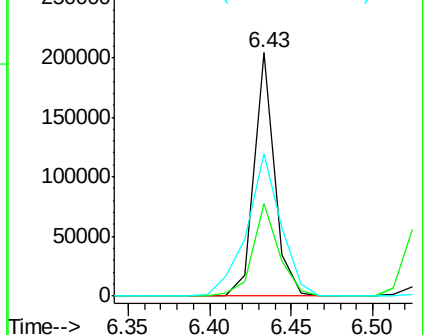
66 58.7 14.0 54.0#

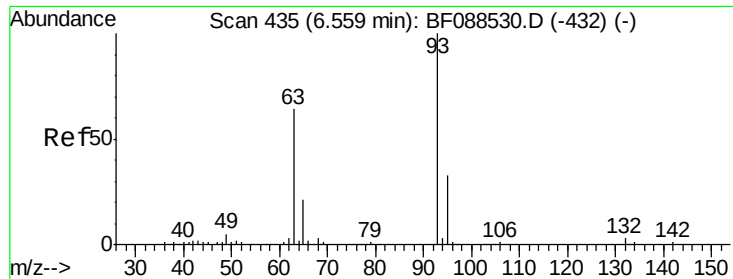


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 21.88 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampleId :

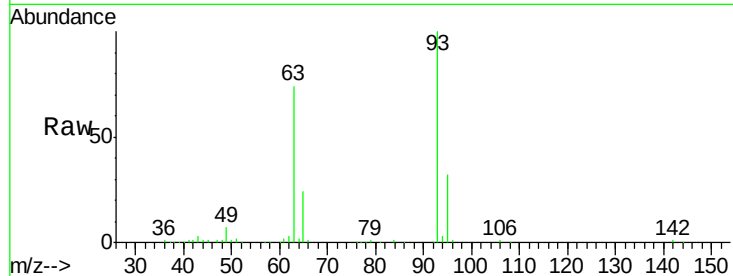
Tot Ion: 93 Resp: 181714

Ion Ratio Lower Upper

93 100

63 73.6 67.6 107.6

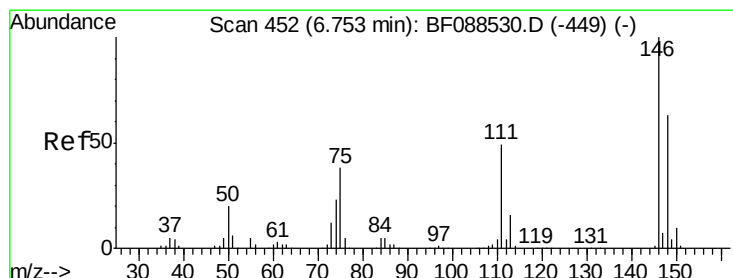
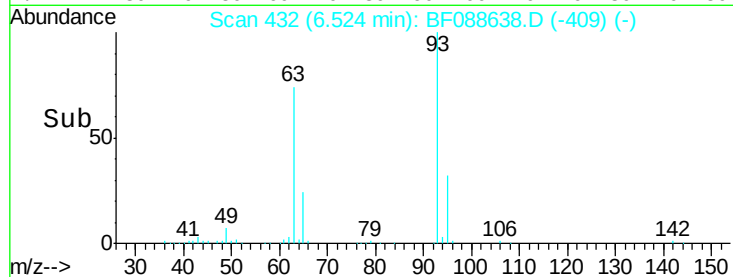
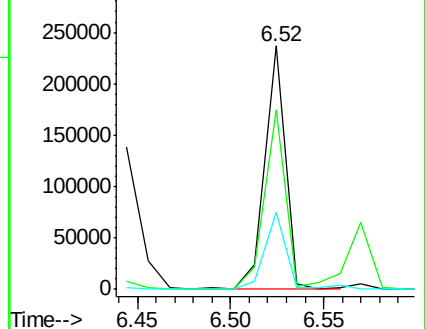
95 31.8 12.5 52.5



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: 19.47 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.21 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

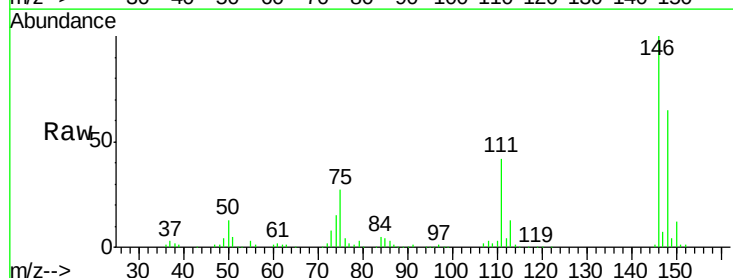
Tgt Ion: 146 Resp: 173884

Ion Ratio Lower Upper

146 100

148 64.9 50.9 76.3

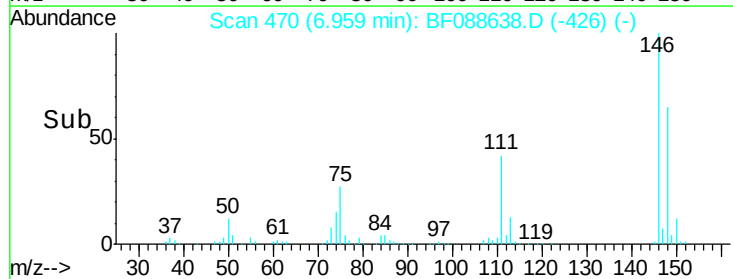
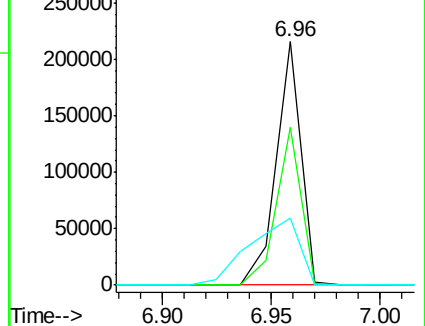
75 27.5 25.6 38.4

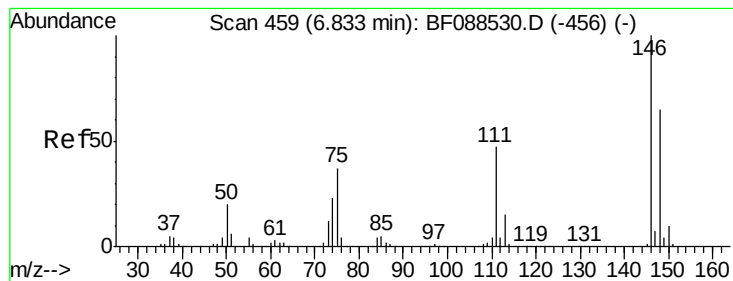


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 19.34 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampled :

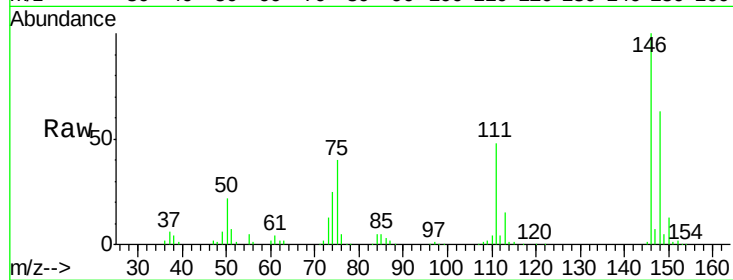
Tot Ion:146 Resp: 171419

Ion Ratio Lower Upper

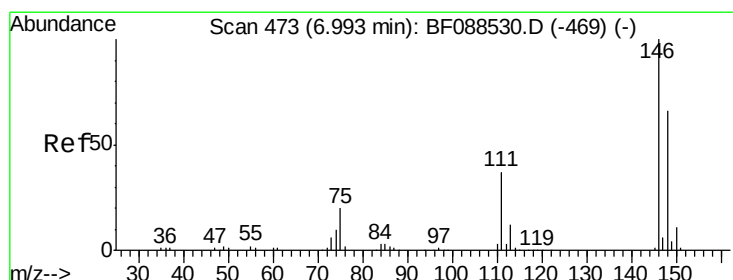
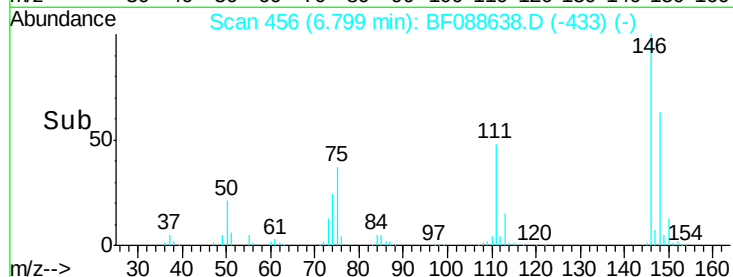
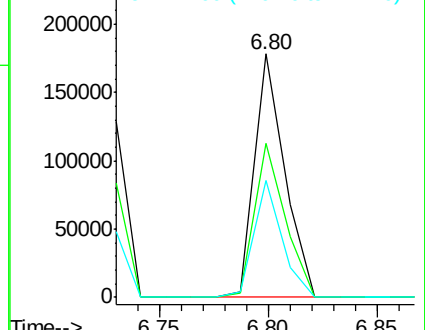
146 100

148 63.2 52.0 78.0

111 48.1 33.8 50.8



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



#14

1,2-Dichlorobenzene

Concen: 20.96 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

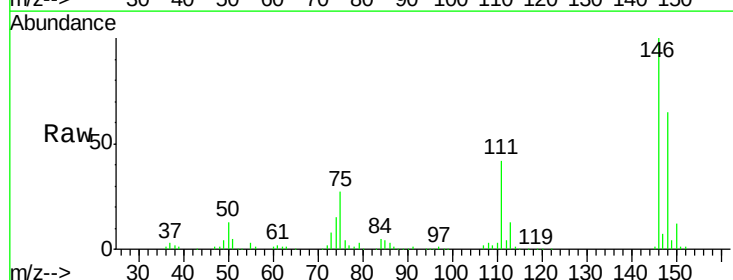
Tgt Ion:146 Resp: 173890

Ion Ratio Lower Upper

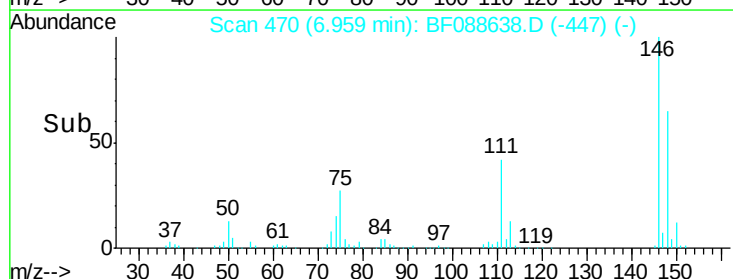
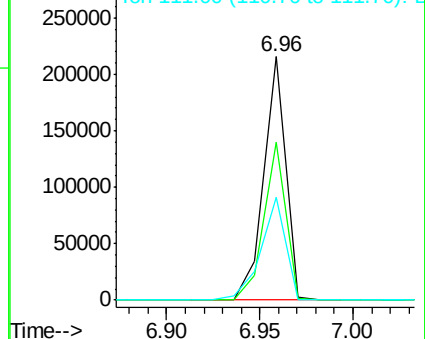
146 100

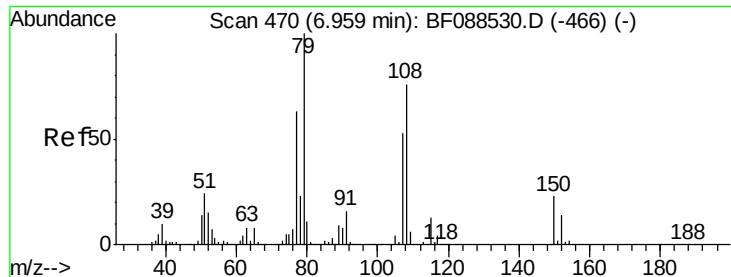
148 64.9 52.3 78.5

111 42.5 28.7 43.1



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





#15

Benzyl Alcohol

Concen: 22.02 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampleId :

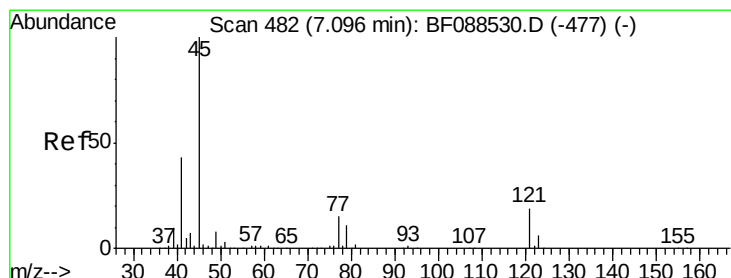
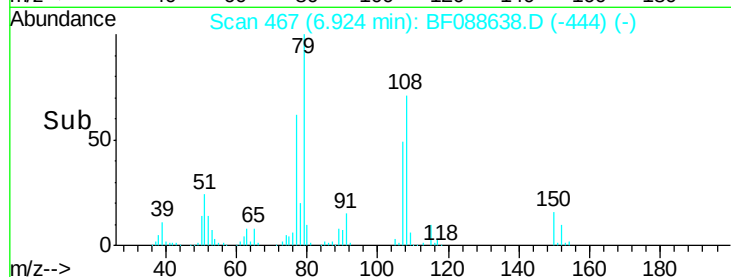
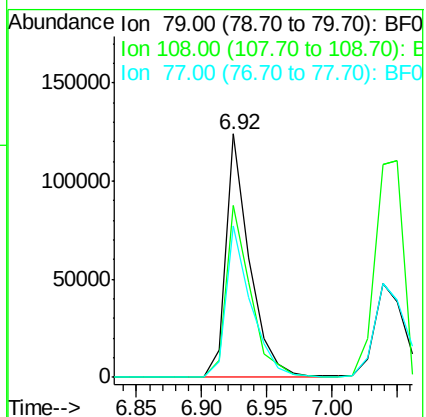
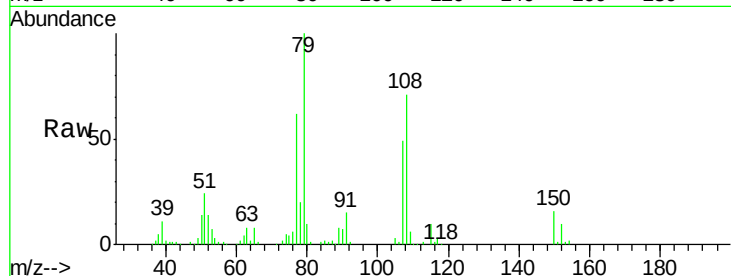
Tot Ion: 79 Resp: 158123

Ion Ratio Lower Upper

79 100

108 70.6 65.0 97.6

77 62.0 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 18.99 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

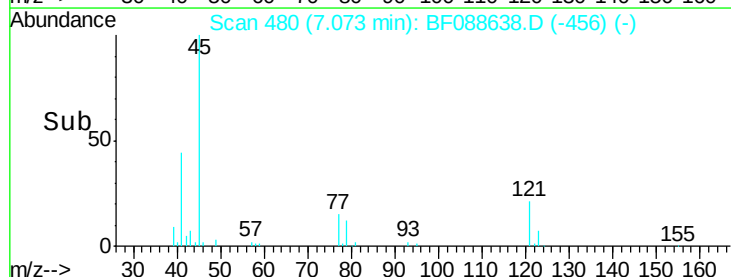
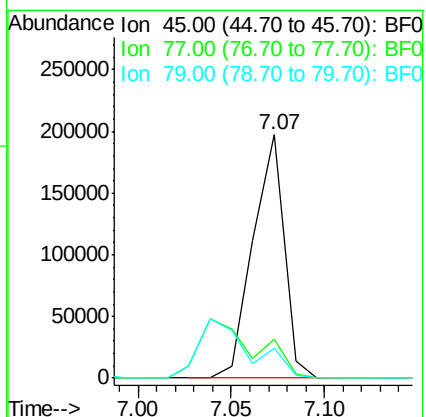
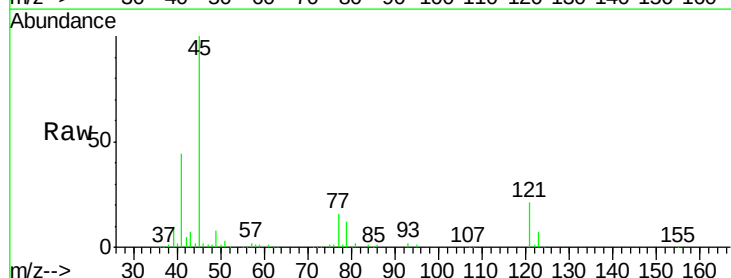
Tgt Ion: 45 Resp: 228345

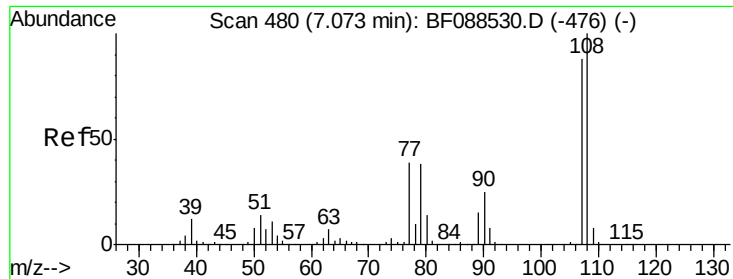
Ion Ratio Lower Upper

45 100

77 15.7 0.0 32.5

79 12.4 0.0 29.5





#17

2-Methylphenol

Concen: 22.17 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 146797

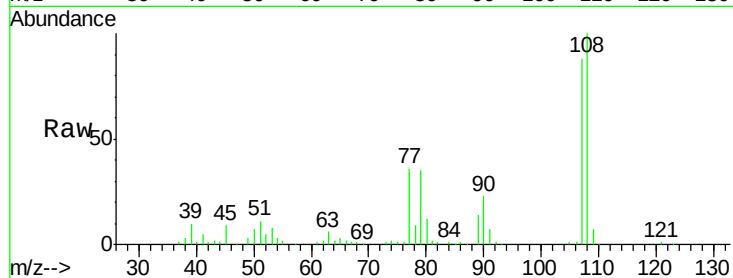
Ion Ratio Lower Upper

107 100

108 114.0 90.9 136.3

77 40.9 36.6 55.0

79 39.9 36.5 54.7

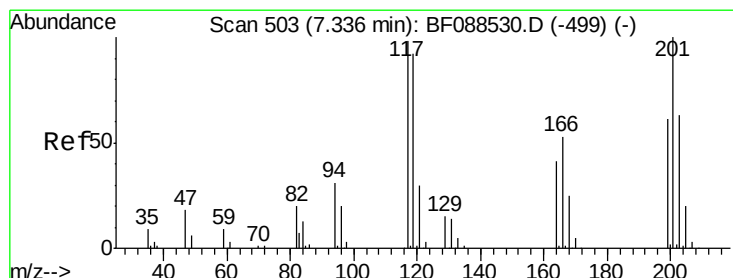
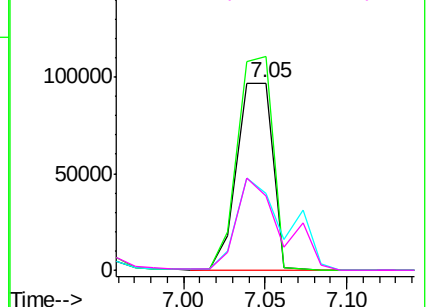
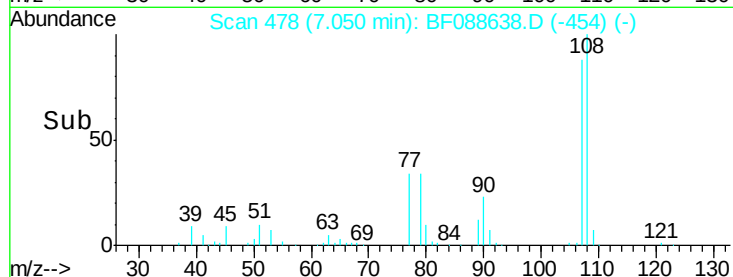


Abundance Ion 107.00 (106.70 to 107.70): E

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: 20.28 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

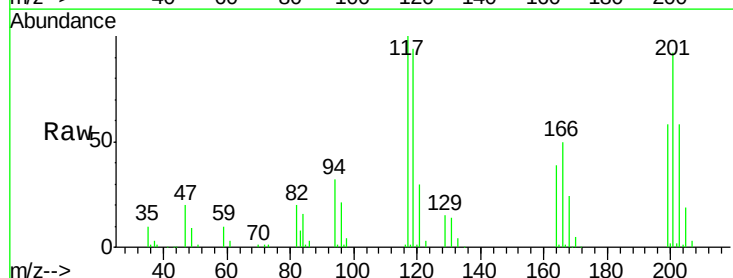
Tgt Ion:117 Resp: 69535

Ion Ratio Lower Upper

117 100

119 94.4 77.4 116.2

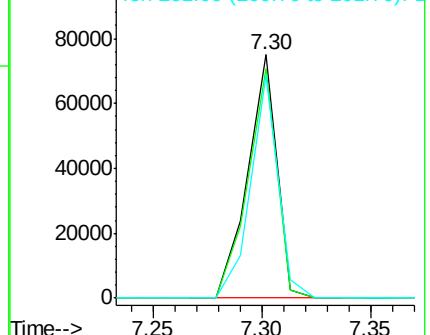
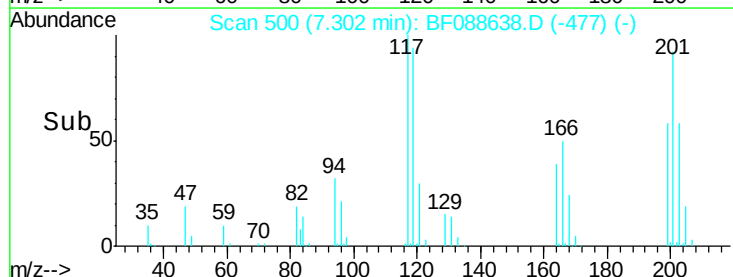
201 91.7 80.4 120.6

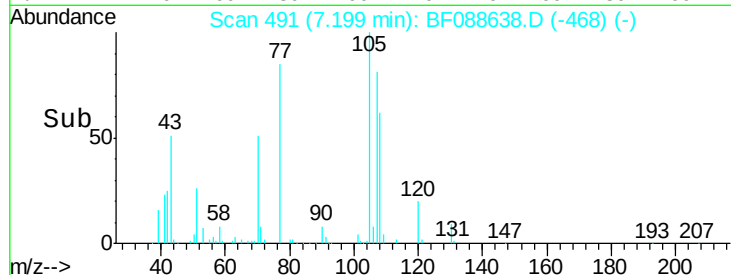
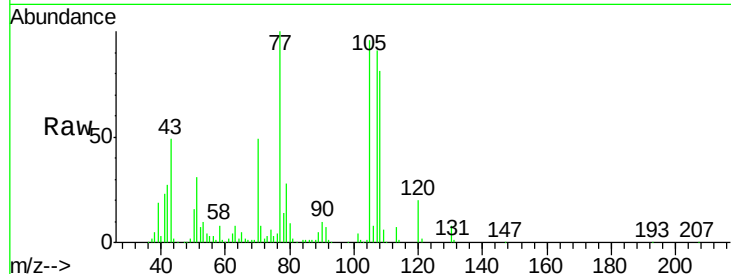
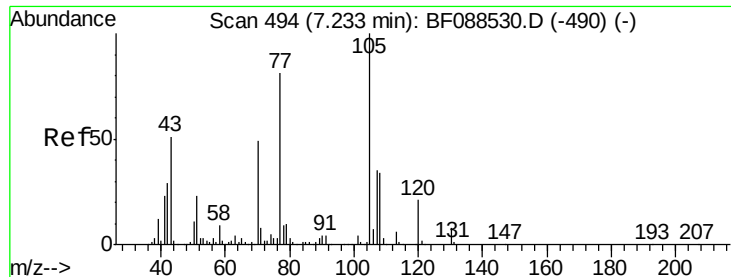


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

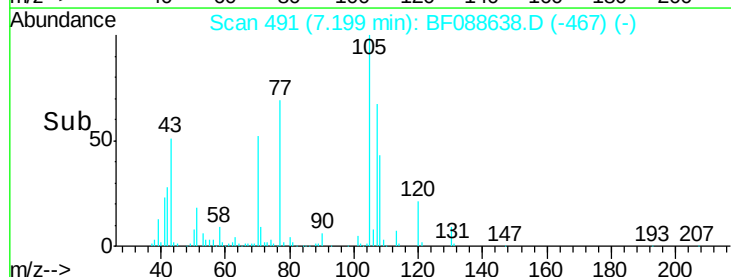
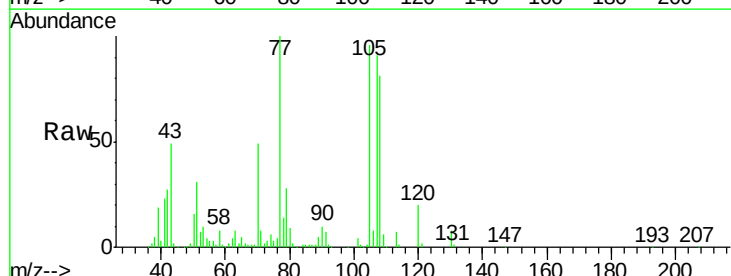
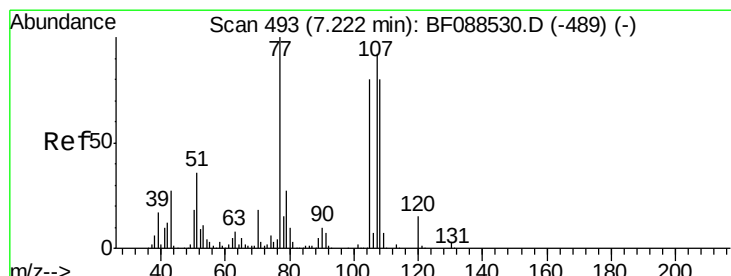
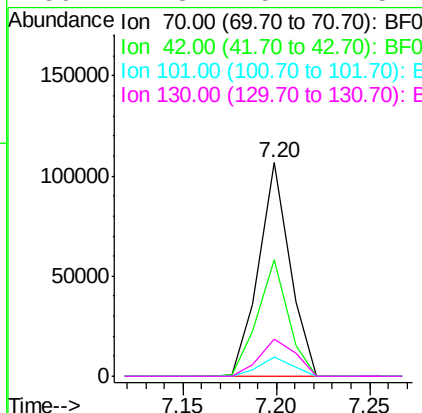




#19
n-Nitroso-di-n-propylamine
Concen: 18.90 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

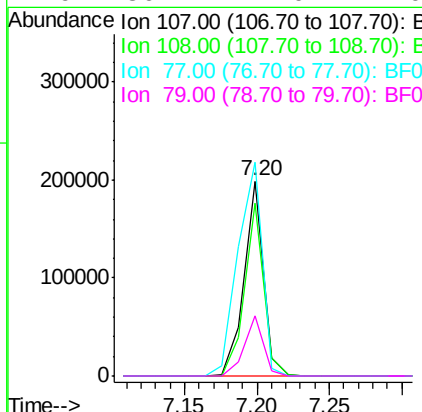
Instrument :
BNA_F
ClientSampleId :

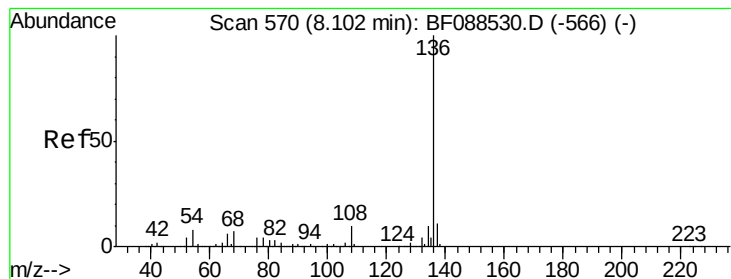
Tot Ion: 70 Resp: 123897
Ion Ratio Lower Upper
70 100
42 54.6 49.6 74.4
101 8.9 7.1 10.7
130 17.3 15.4 23.2



#20
3+4-Methylphenols
Concen: 23.18 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Tgt Ion:107 Resp: 184184
Ion Ratio Lower Upper
107 100
108 88.7 67.8 107.8
77 109.4 59.3 99.3#
79 30.7 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 446736

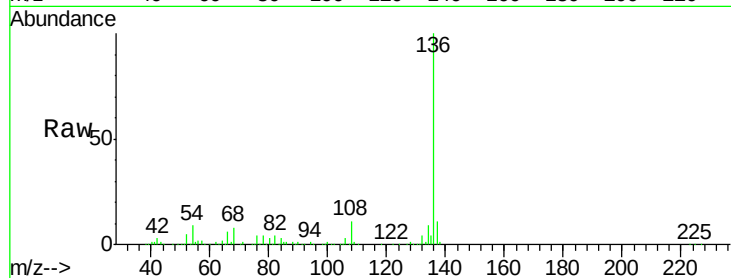
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.3 6.6 10.0

68 7.7 5.1 7.7#

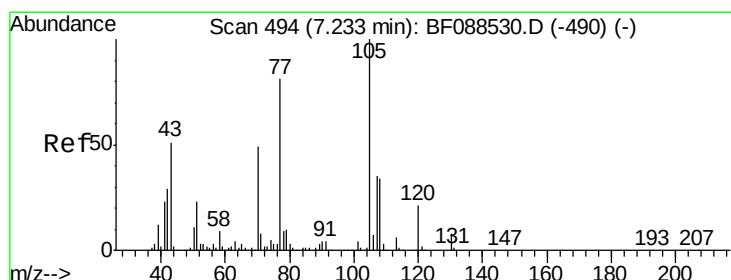
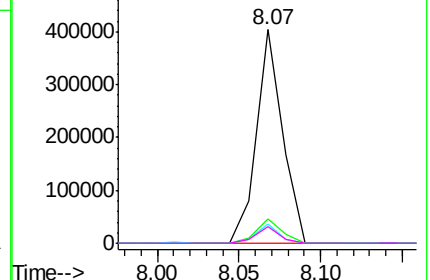
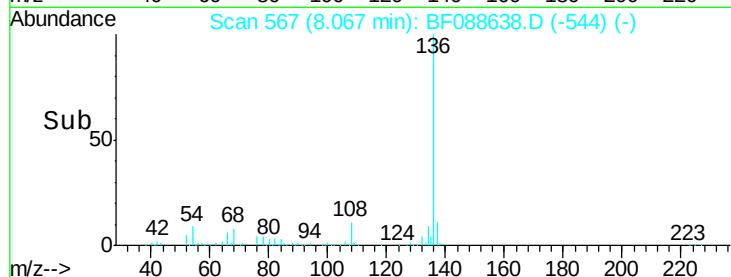


Abundance Ion 136.00 (135.70 to 136.70): E

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: 23.06 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Tgt Ion:105 Resp: 250073

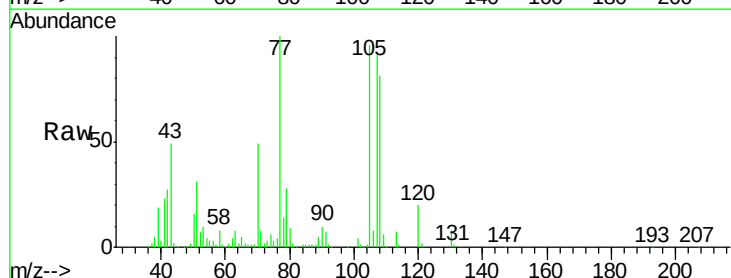
Ion Ratio Lower Upper

105 100

71 8.7 5.3 7.9#

51 32.2 18.2 27.4#

120 20.4 18.0 27.0

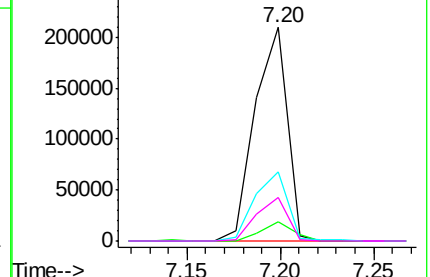
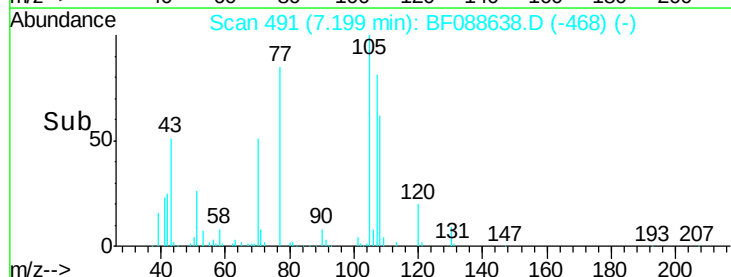


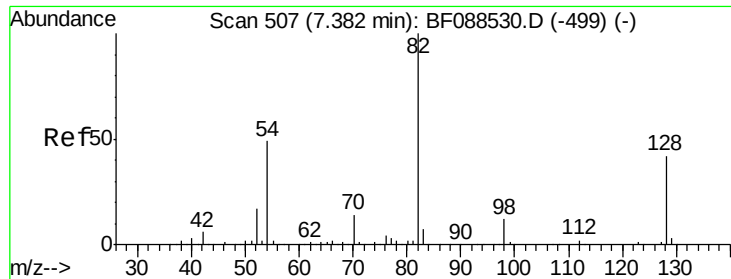
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

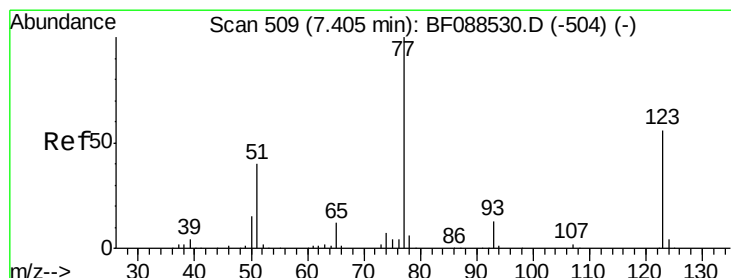
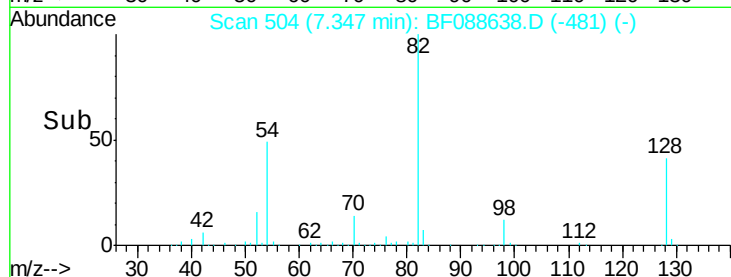
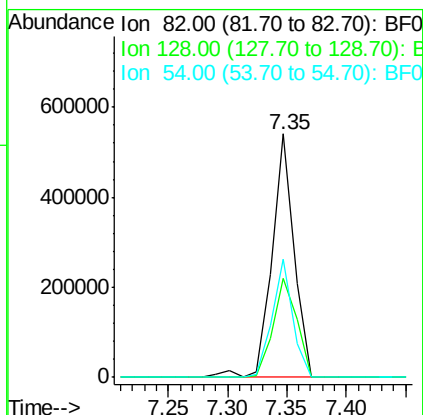
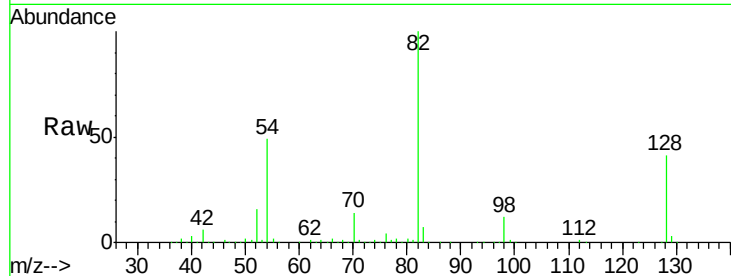




#23
 Nitrobenzene-d5
 Concen: 81.56 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088638.D
 Acq: 3 Jul 2016 9:44

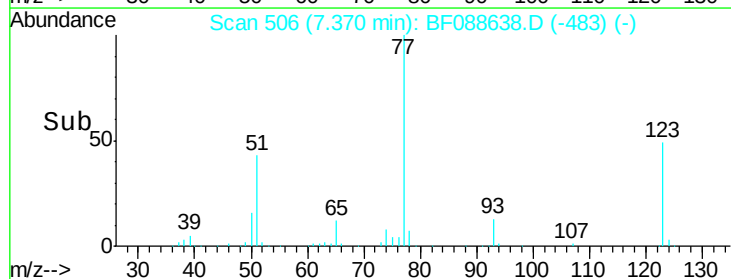
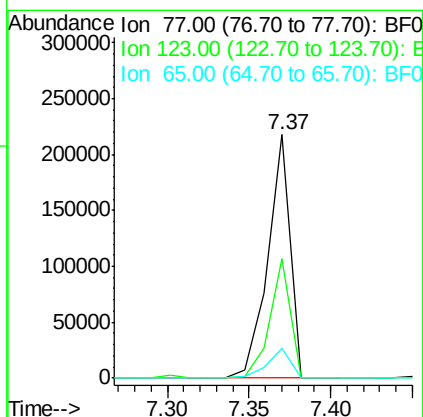
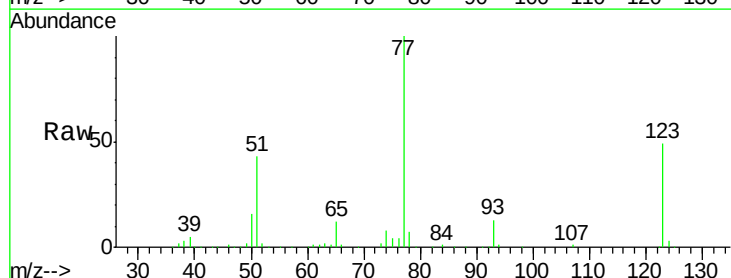
Instrument :
 BNA_F
 ClientSampleId :

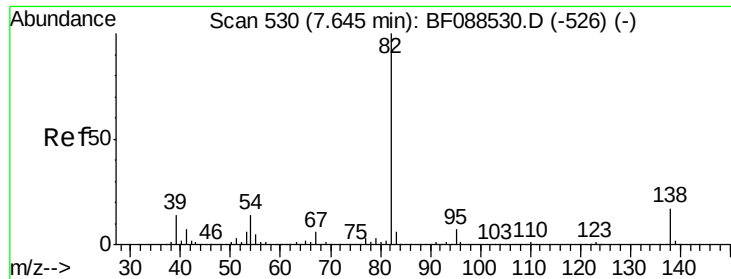
Tot Ion: 82 Resp: 695281
 Ion Ratio Lower Upper
 82 100
 128 40.7 35.9 53.9
 54 48.6 40.9 61.3



#24
 Nitrobenzene
 Concen: 24.12 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.03 min
 Lab File: BF088638.D
 Acq: 3 Jul 2016 9:44

Tgt Ion: 77 Resp: 207355
 Ion Ratio Lower Upper
 77 100
 123 49.1 45.0 67.4
 65 12.4 10.2 15.2





#25

Isophorone

Concen: 23.01 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampled :

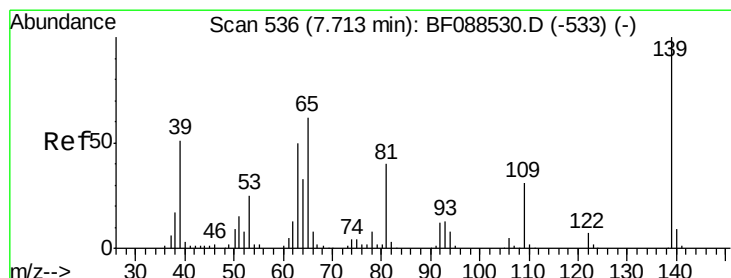
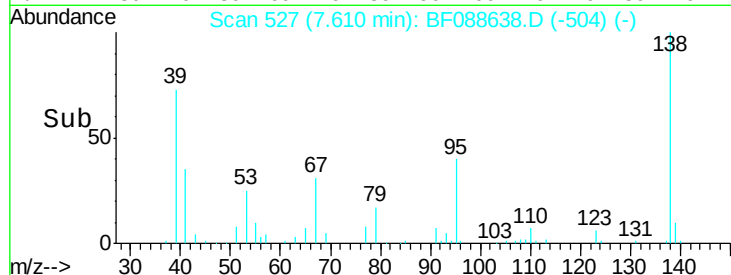
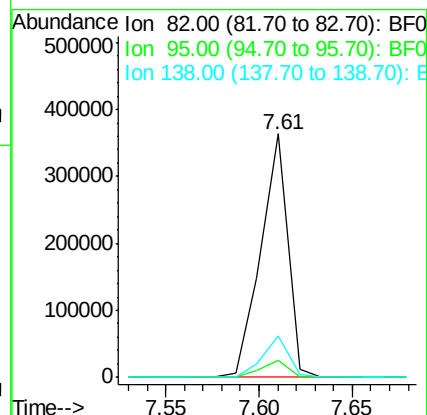
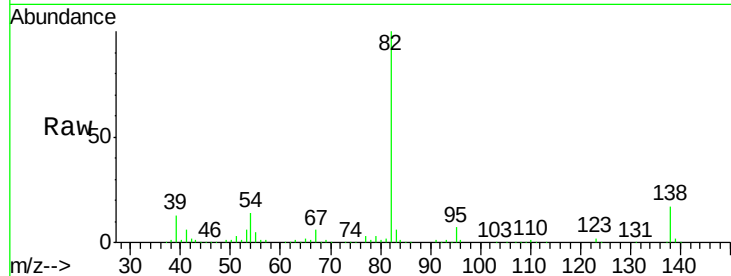
Tot Ion: 82 Resp: 363405

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 17.1 14.6 21.8



#26

2-Nitrophenol

Concen: 24.38 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

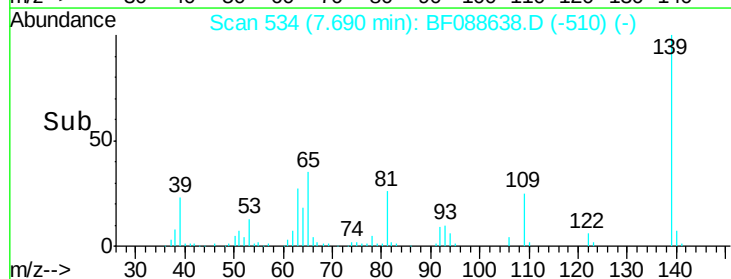
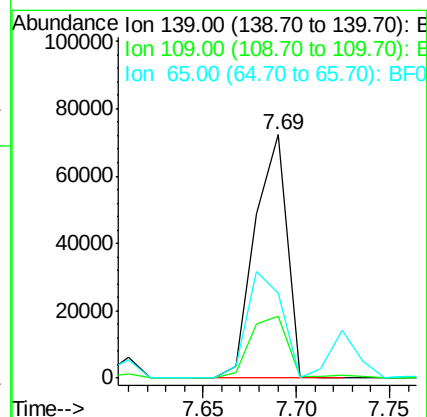
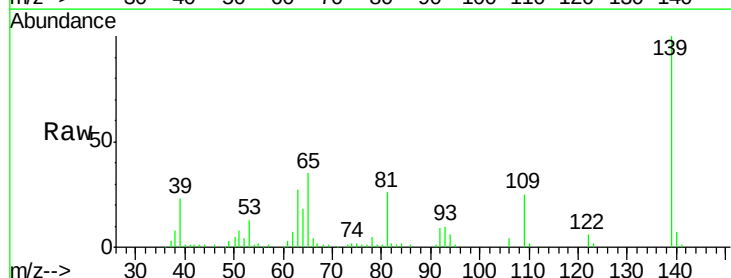
Tgt Ion: 139 Resp: 85915

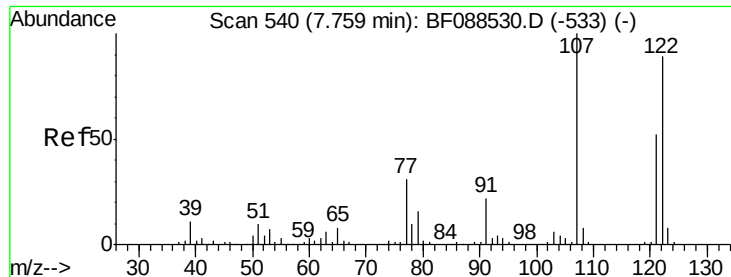
Ion Ratio Lower Upper

139 100

109 25.3 23.0 34.4

65 35.0 45.8 68.8#

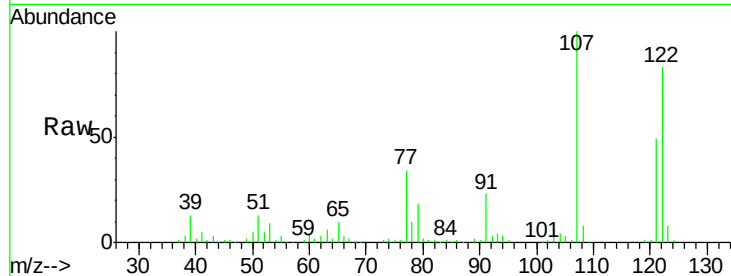




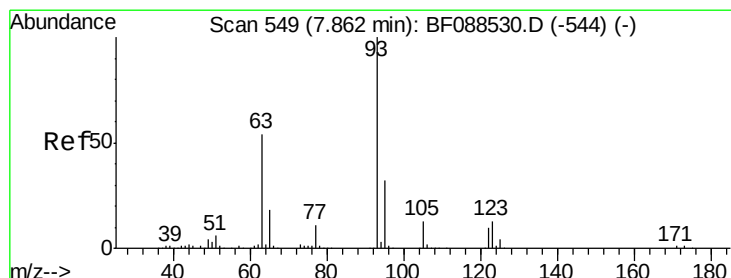
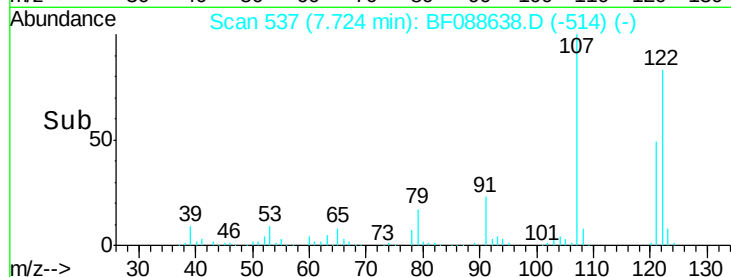
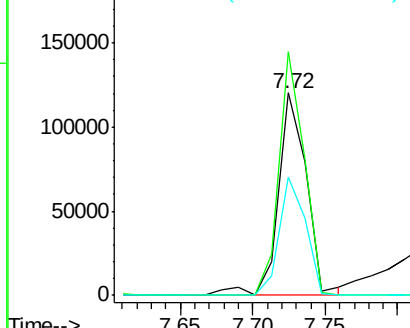
#27
 2,4-Dimethylphenol
 Concen: 21.97 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.03 min
 Lab File: BF088638.D
 Acq: 3 Jul 2016 9:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 161296
 Ion Ratio Lower Upper
 122 100
 107 120.4 82.4 123.6
 121 58.6 46.3 69.5

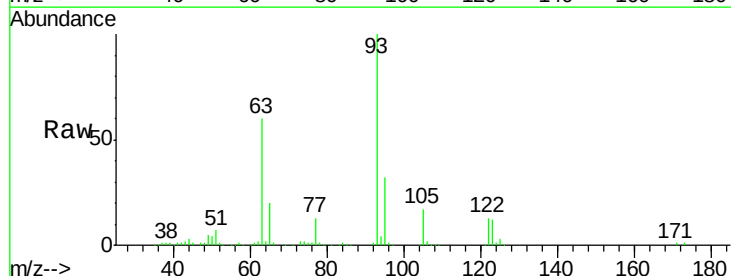


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

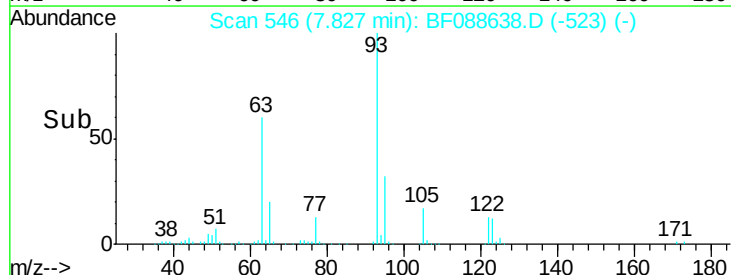
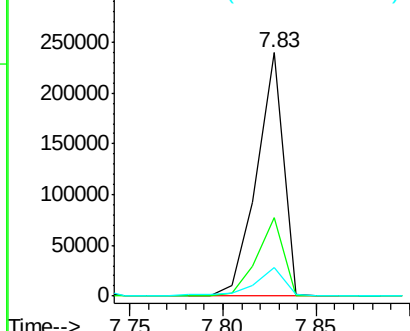


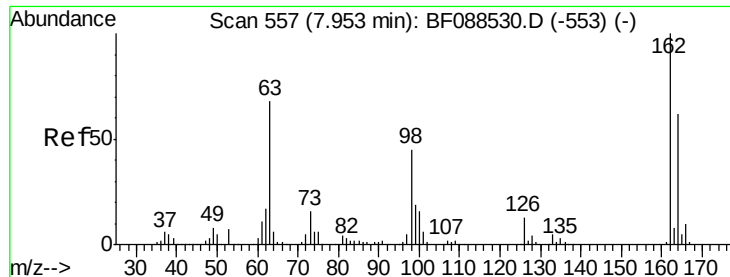
#28
 bis(2-Chloroethoxy)methane
 Concen: 23.03 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.03 min
 Lab File: BF088638.D
 Acq: 3 Jul 2016 9:44

Tgt Ion: 93 Resp: 236623
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.5 39.7
 123 11.6 11.6 17.4#



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

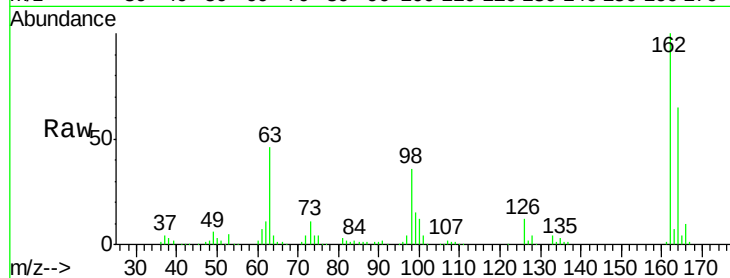




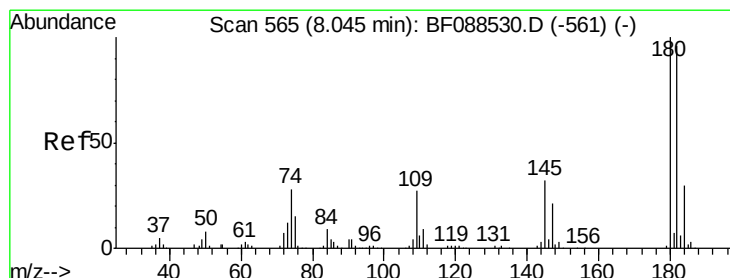
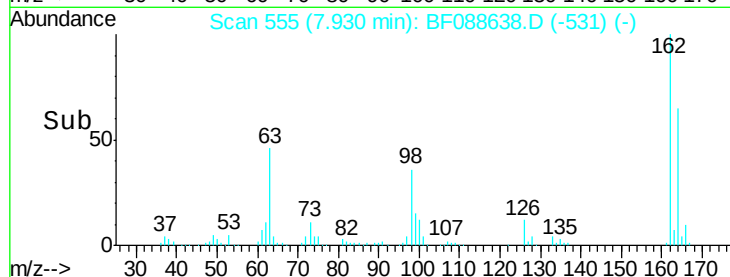
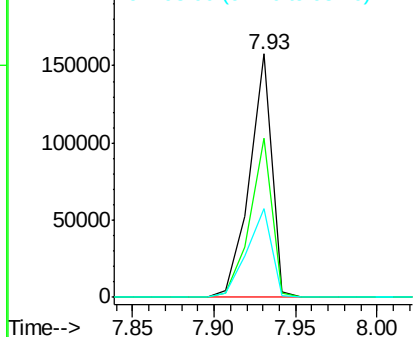
#29
 2,4-Dichlorophenol
 Concen: 25.37 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.02 min
 Lab File: BF088638.D
 Acq: 3 Jul 2016 9:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.8	83.8
98	36.3	21.3	61.3

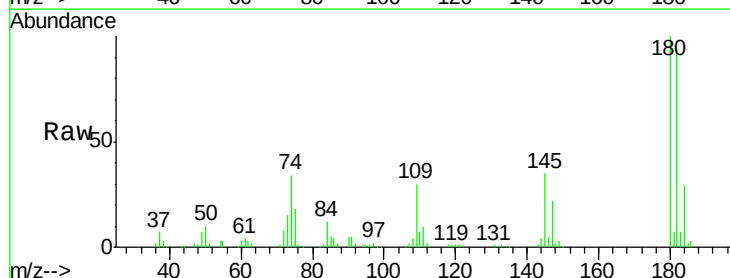


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

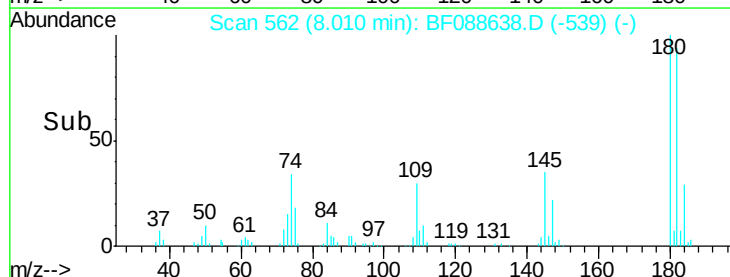
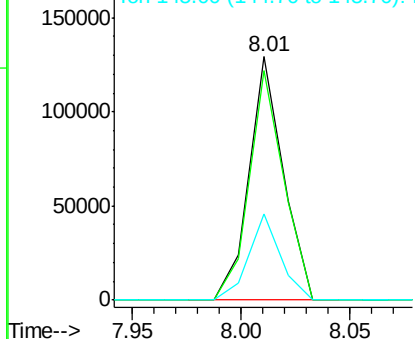


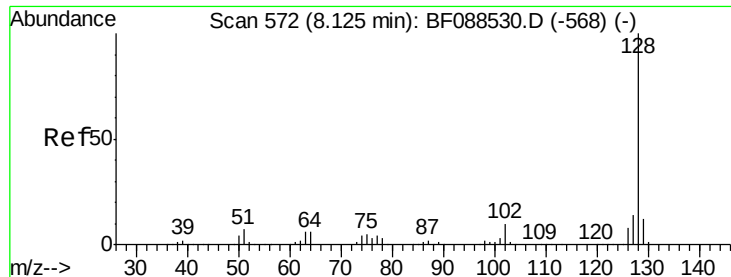
#30
 1,2,4-Trichlorobenzene
 Concen: 21.70 ng
 RT: 8.01 min Scan# 562
 Delta R.T. -0.03 min
 Lab File: BF088638.D
 Acq: 3 Jul 2016 9:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.0	114.0
145	35.3	26.5	39.7



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

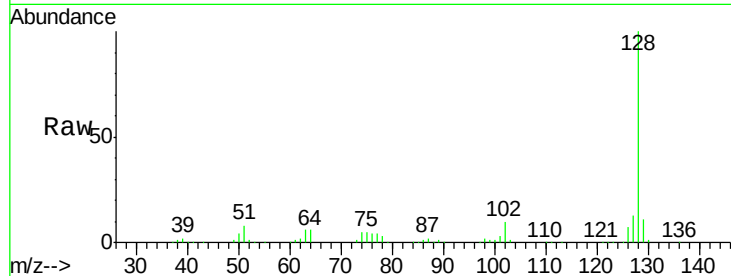




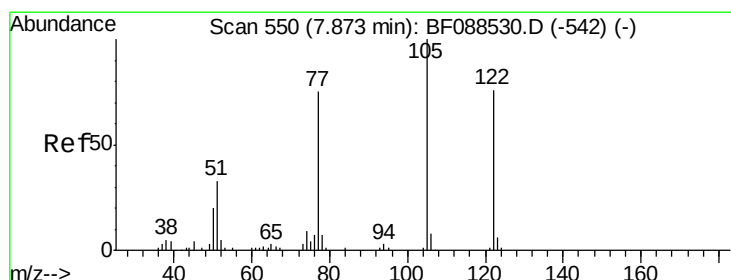
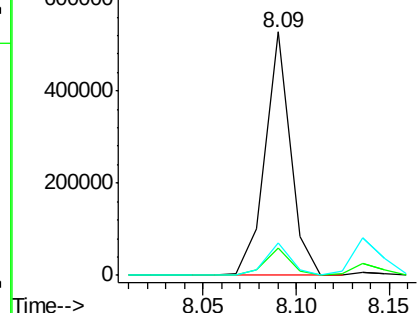
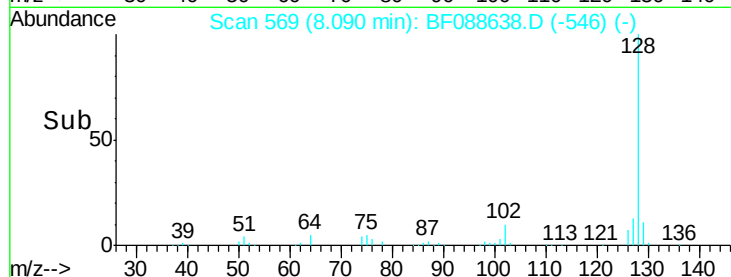
#31
Naphthalene
Concen: 22.38 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 492789
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.1 10.9 16.3

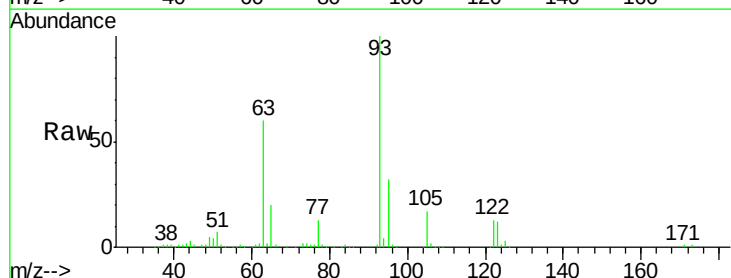


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

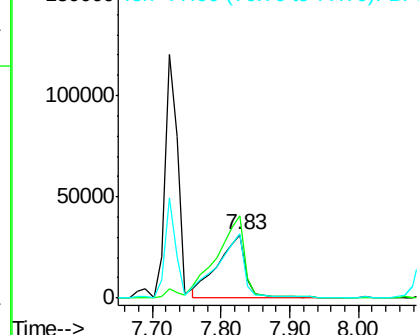
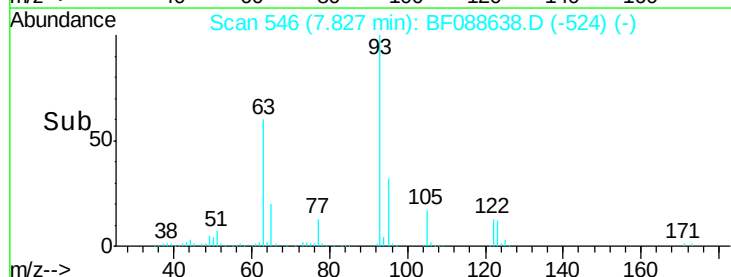


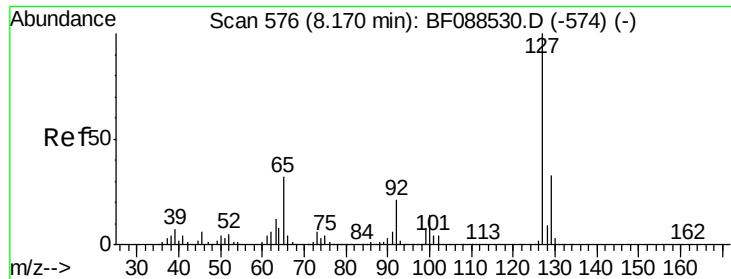
#32
Benzoic acid
Concen: 16.96 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.05 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Tgt Ion:122 Resp: 90404
Ion Ratio Lower Upper
122 100
105 128.5 101.6 141.6
77 101.7 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

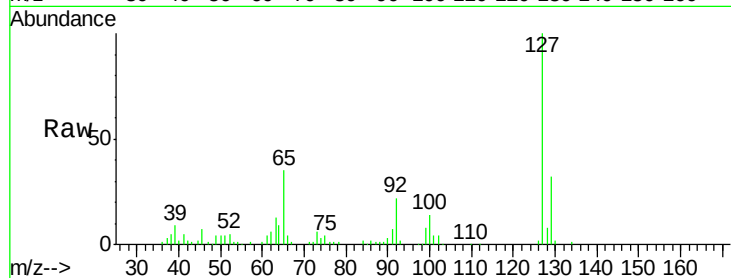




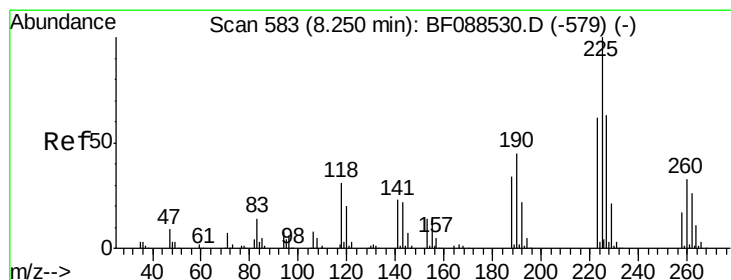
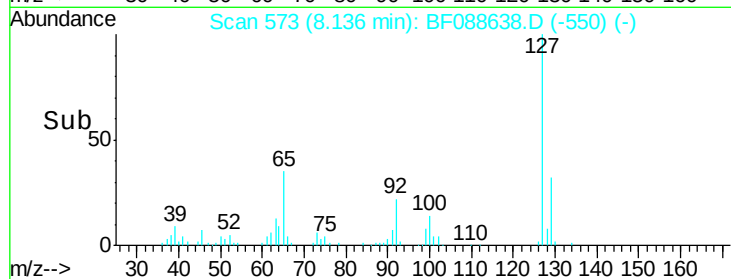
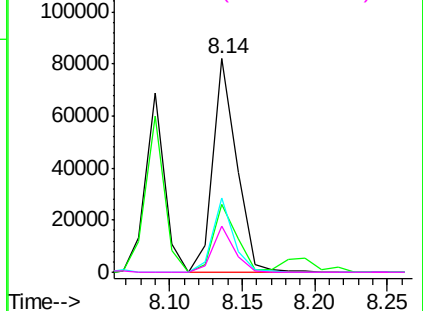
#33
4-Chloroaniline
Concen: 9.46 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.03 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	92673
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	35.0	24.7	37.1
92	21.6	15.4	23.0

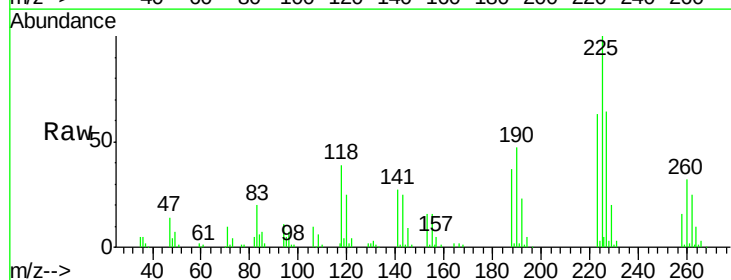


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

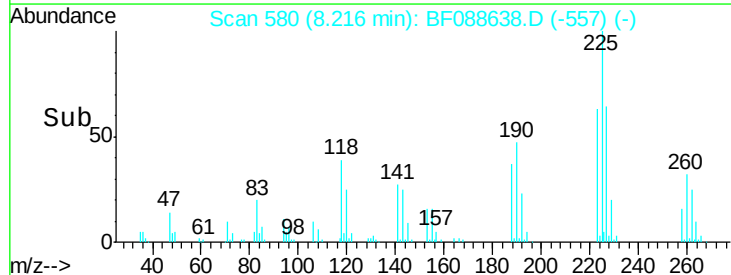
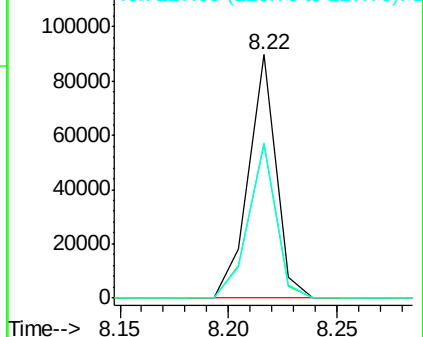


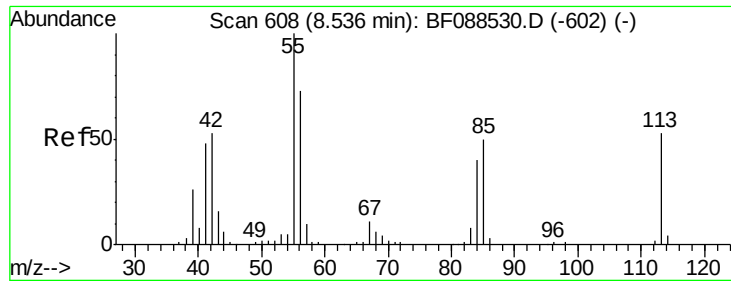
#34
Hexachlorobutadiene
Concen: 22.66 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.03 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Tgt Ion:	225	Resp:	78986
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.9	76.3
227	63.9	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 15.62 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampled :

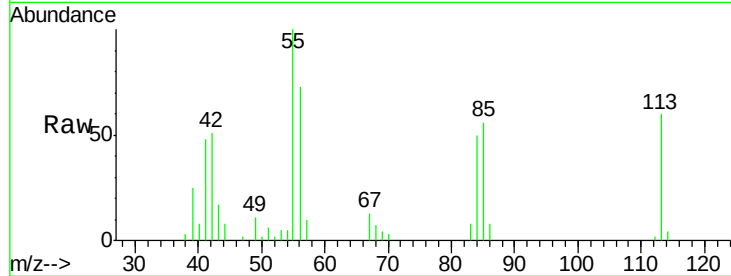
Tot Ion:113 Resp: 31469

Ion Ratio Lower Upper

113 100

55 167.0 158.6 198.6

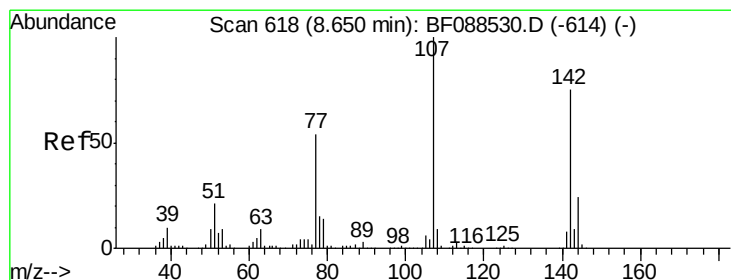
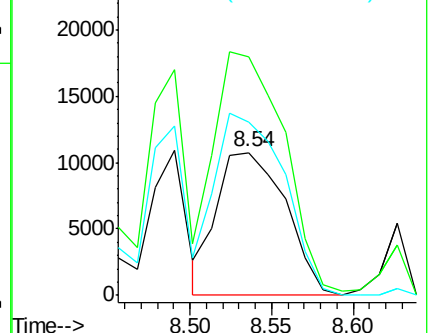
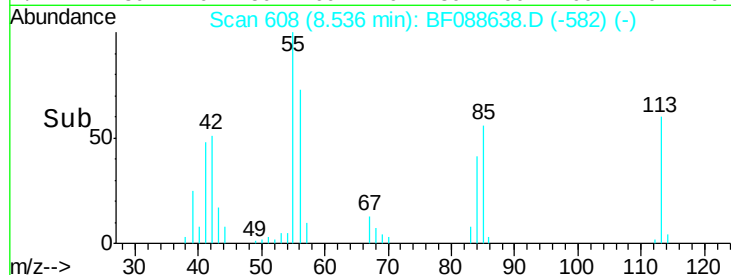
56 121.6 110.6 150.6



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: 24.71 ng

RT: 8.63 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

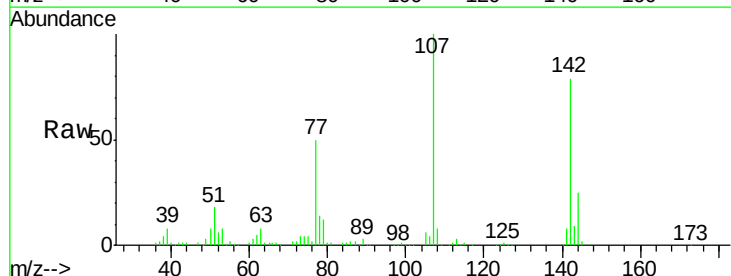
Tgt Ion:107 Resp: 173369

Ion Ratio Lower Upper

107 100

144 25.1 20.8 31.2

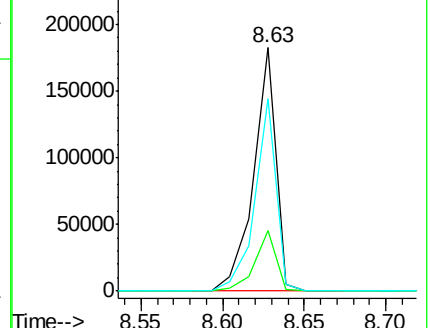
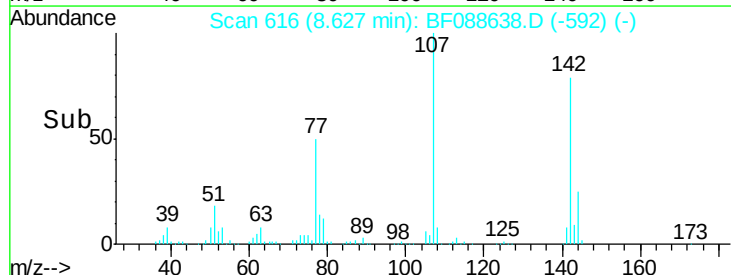
142 79.0 63.4 95.2

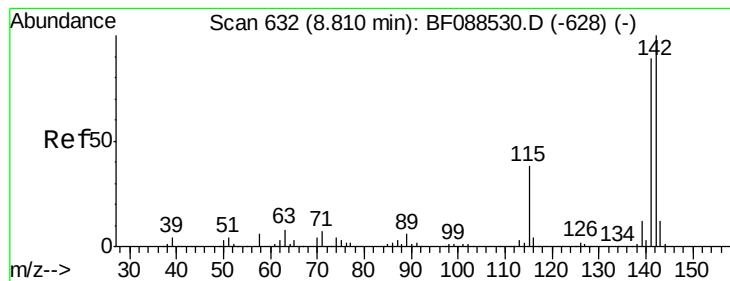


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

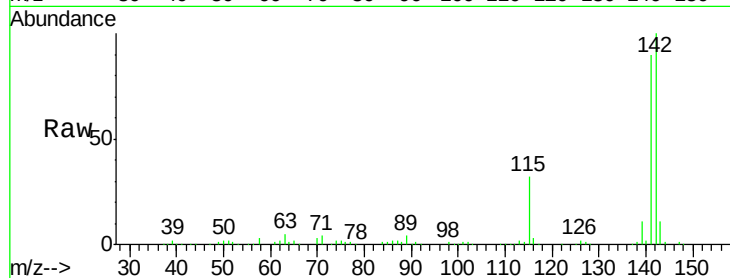




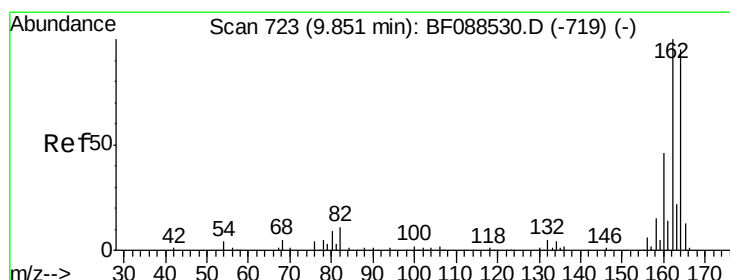
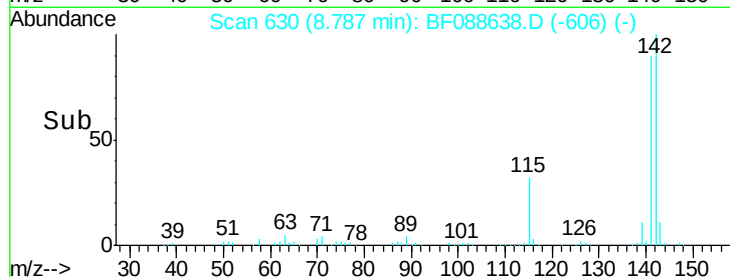
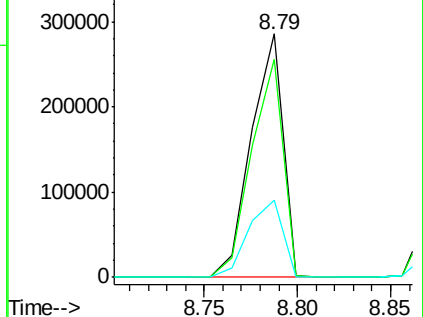
#37
2-Methylnaphthalene
Concen: 23.72 ng
RT: 8.79 min Scan# 630
Delta R.T. -0.02 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	31.6	22.6	33.8

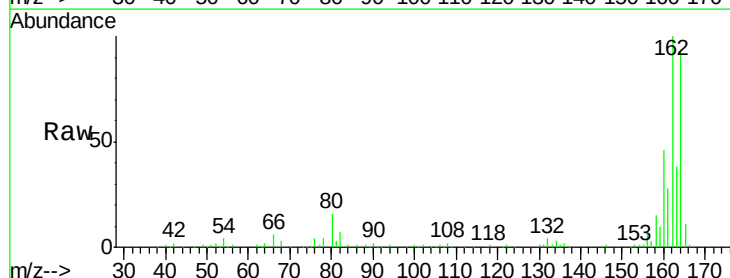


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

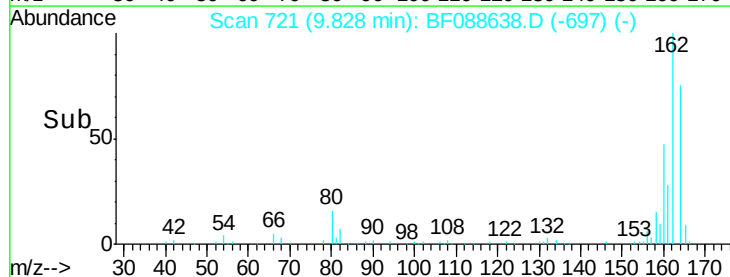
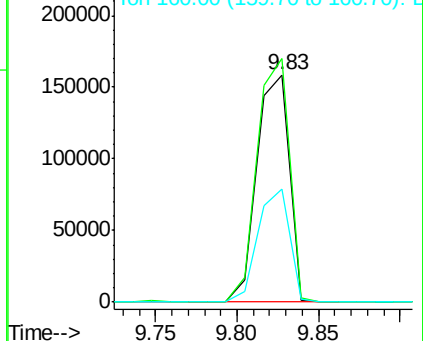


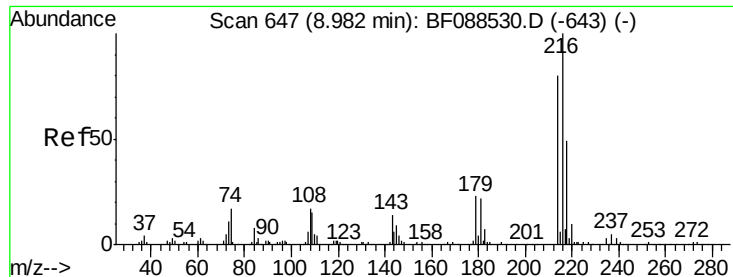
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	85.4	128.2
160	49.7	39.5	59.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 16.62 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 121578

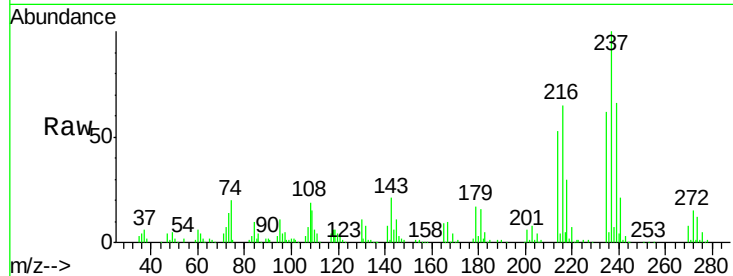
Ion Ratio Lower Upper

216 100

214 79.1 2.9 4.3#

179 23.1 0.0 0.0#

108 28.7 0.5 0.7#

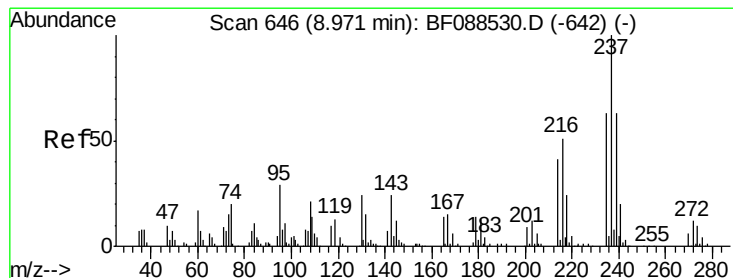
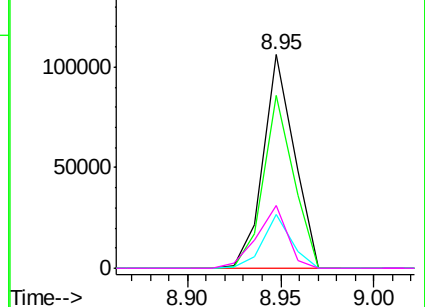
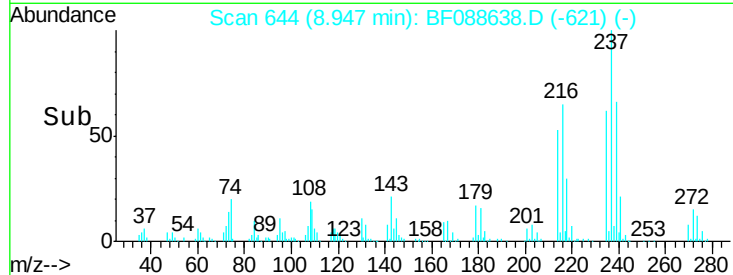


Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.58 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

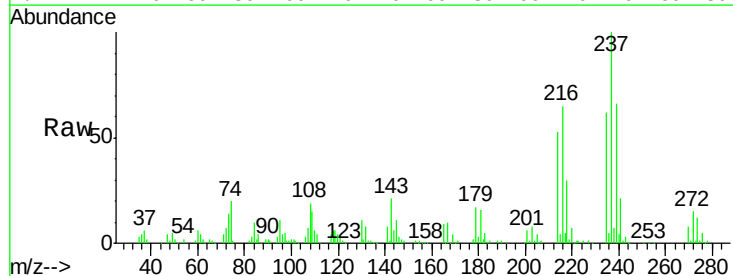
Tgt Ion:237 Resp: 242614

Ion Ratio Lower Upper

237 100

235 62.5 43.4 83.4

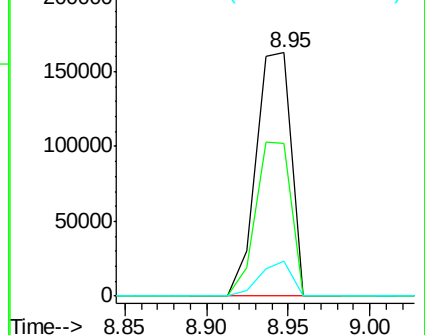
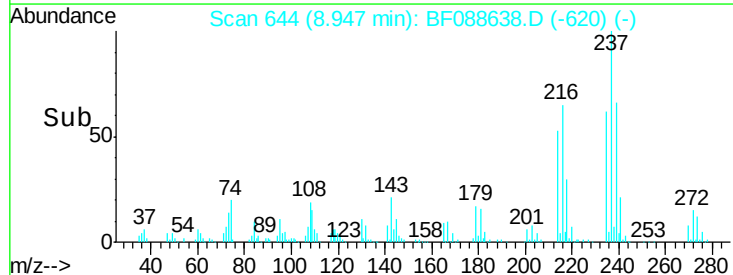
272 14.6 0.0 32.3

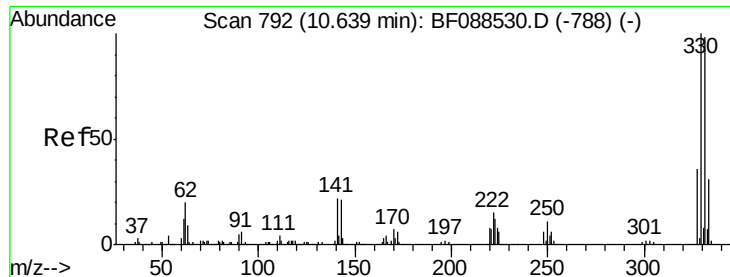


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

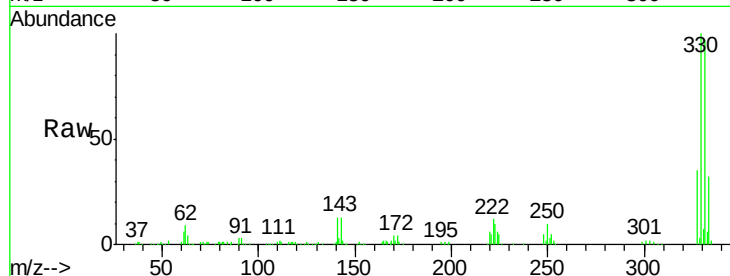




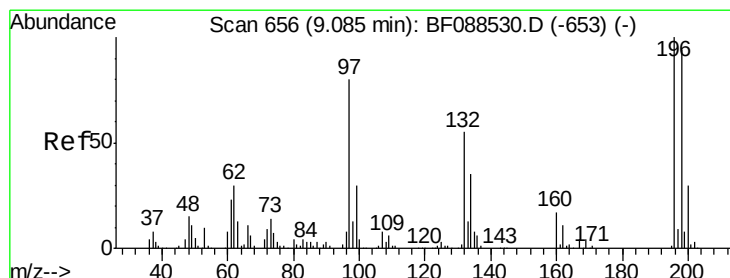
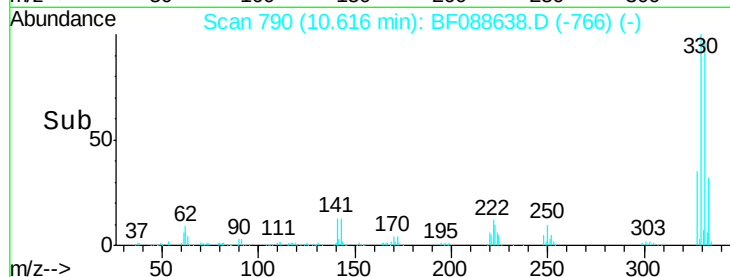
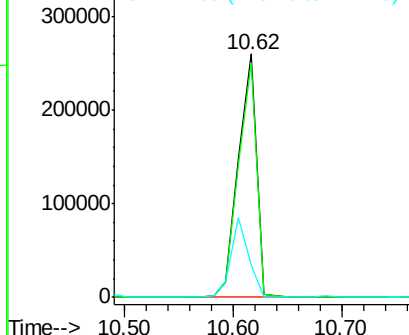
#41
 2,4,6-Tribromophenol
 Concen: 145.55 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF088638.D
 Acq: 3 Jul 2016 9:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	32.1	0.0	0.0#

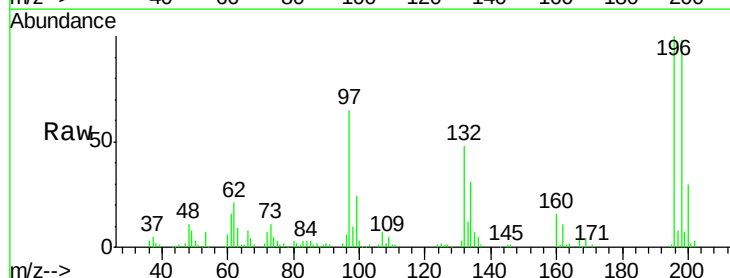


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

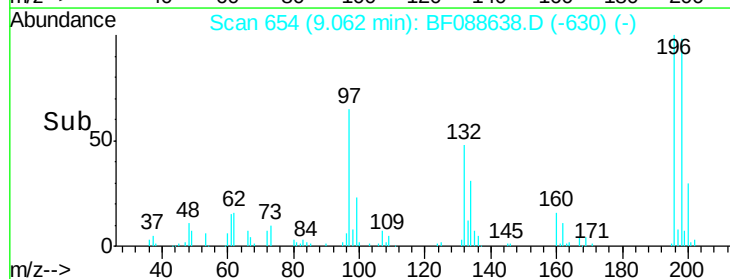
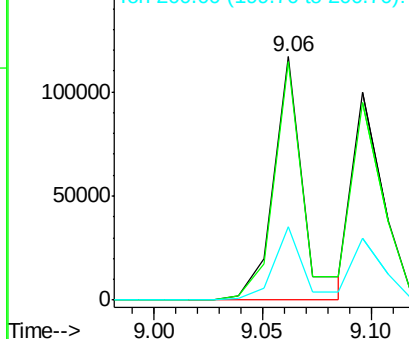


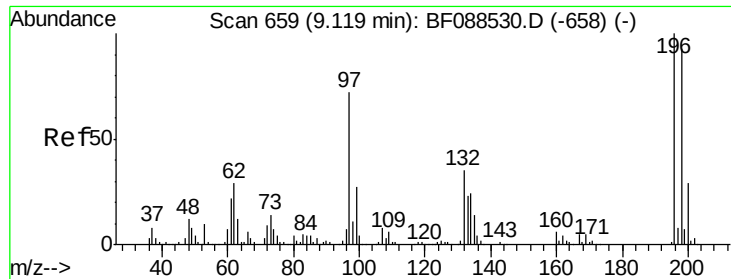
#42
 2,4,6-Trichlorophenol
 Concen: 22.92 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF088638.D
 Acq: 3 Jul 2016 9:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	78.0	117.0
200	30.1	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

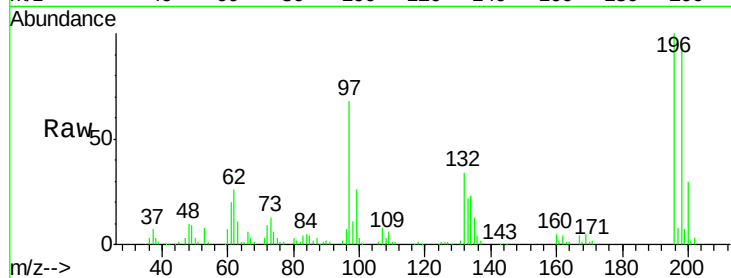




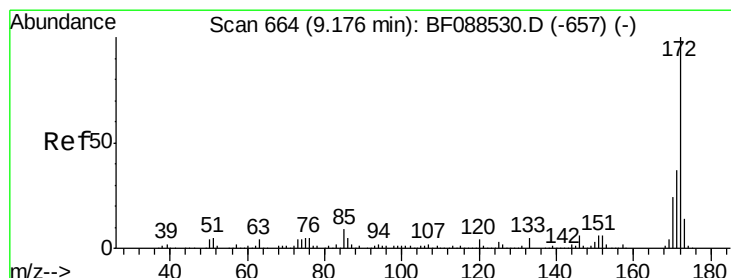
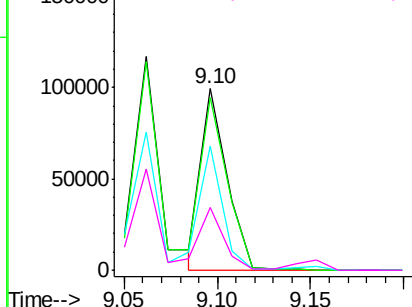
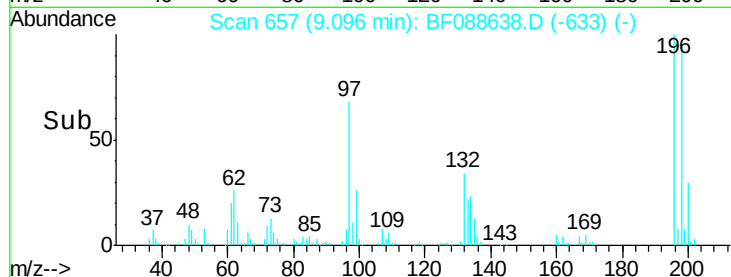
#43
 2,4,5-Trichlorophenol
 Concen: 23.17 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF088638.D
 Acq: 3 Jul 2016 9:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 96149
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.5 116.3
 97 68.2 32.0 48.0#
 132 34.2 20.9 31.3#

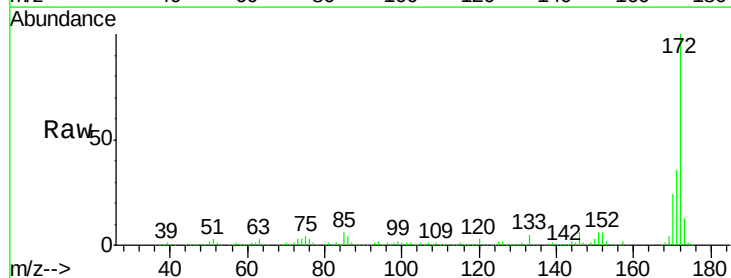


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

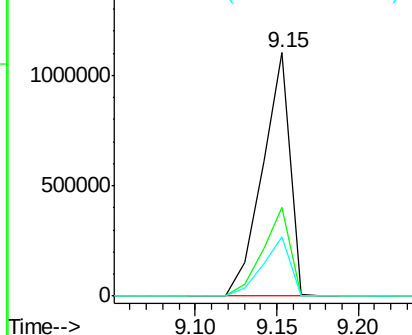
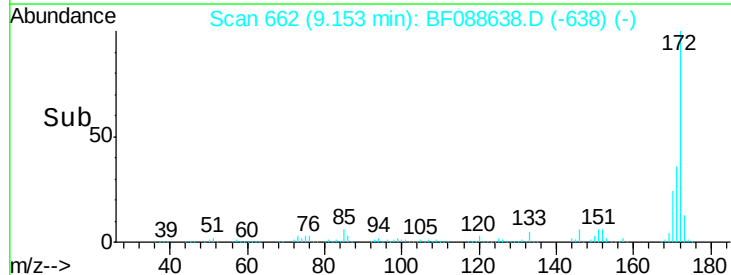


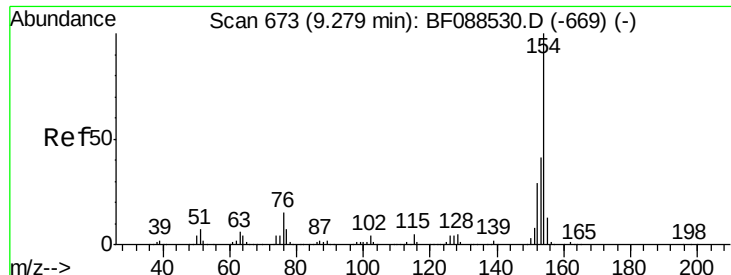
#44
 2-Fluorobiphenyl
 Concen: 92.21 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088638.D
 Acq: 3 Jul 2016 9:44

Tgt Ion:172 Resp: 1283810
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 24.3 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: 21.43 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampleId :

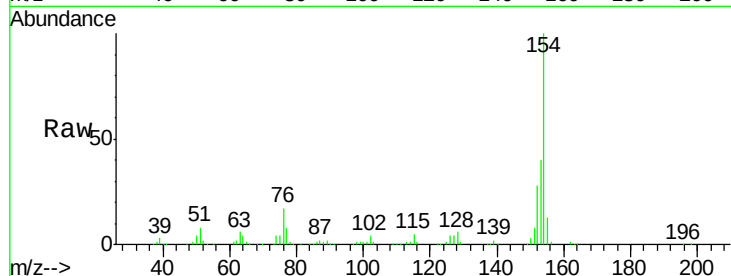
Tot Ion:154 Resp: 390239

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

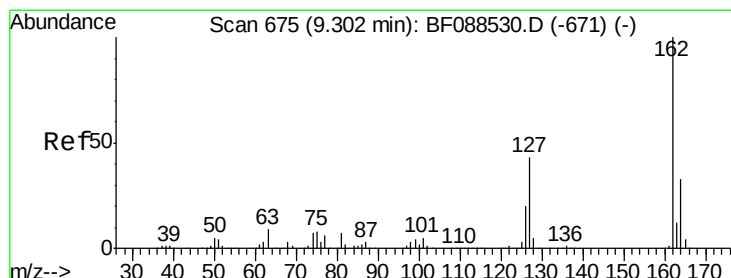
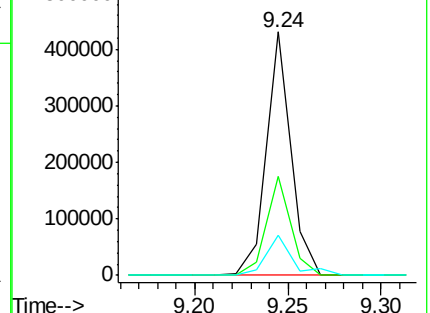
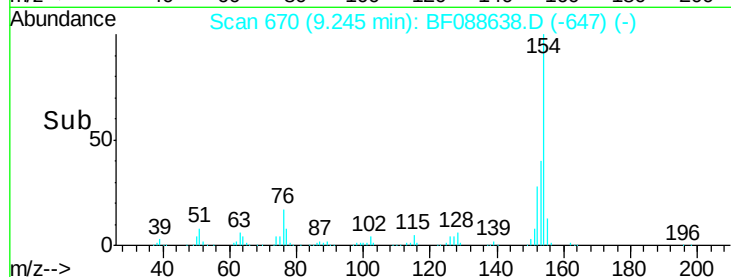
76 16.7 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 21.37 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

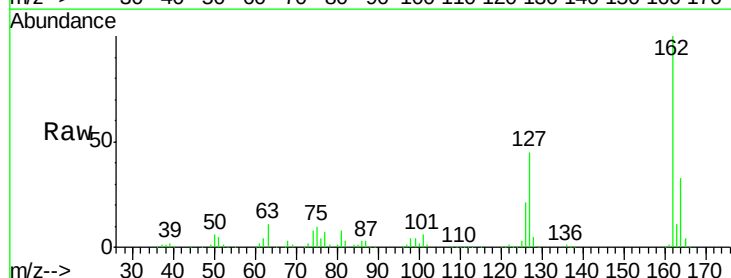
Tgt Ion:162 Resp: 305470

Ion Ratio Lower Upper

162 100

127 45.0 35.2 52.8

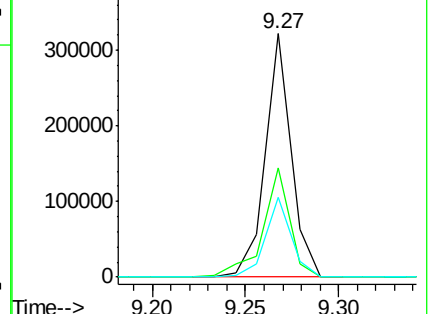
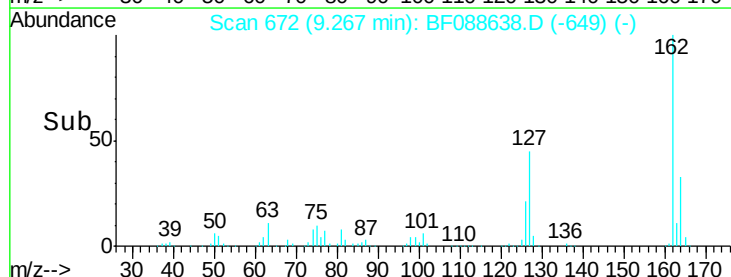
164 32.8 26.6 39.8

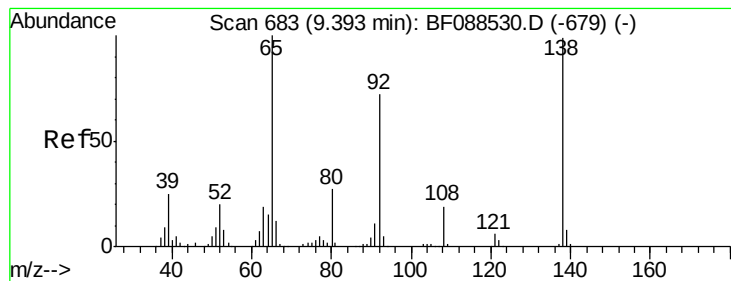


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 19.11 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF088638.D

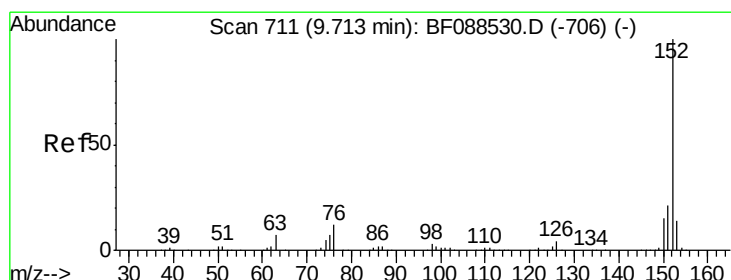
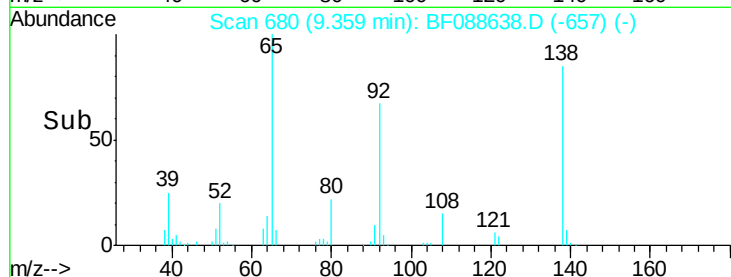
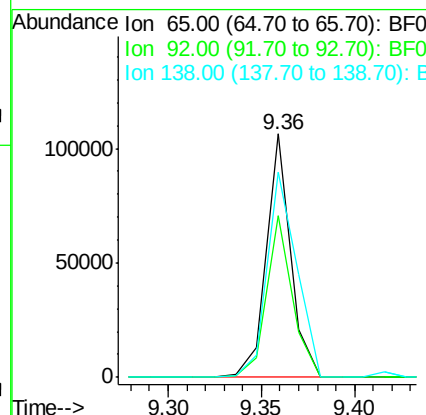
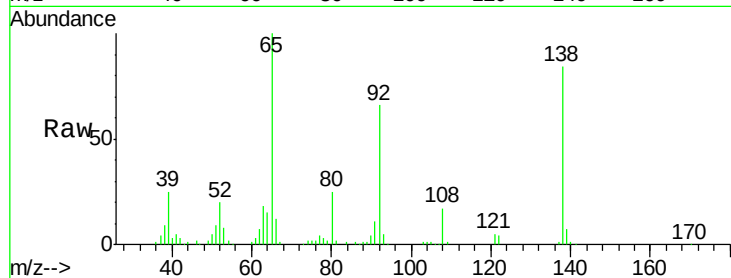
Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	65	Resp:	96959
Ion	Ratio	Lower	Upper
65	100		
92	66.2	54.6	82.0
138	84.2	77.0	115.4



#48

Acenaphthylene

Concen: 21.49 ng

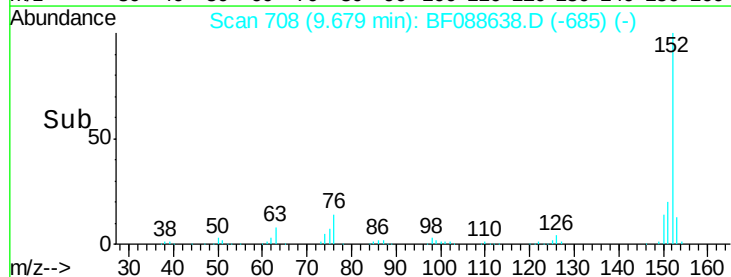
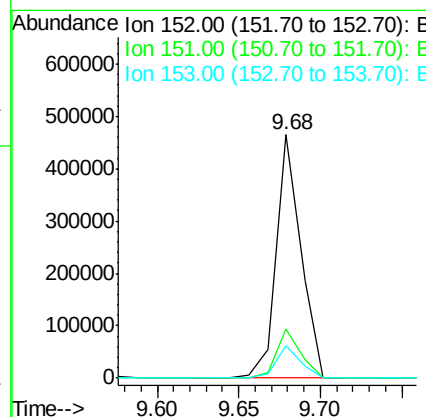
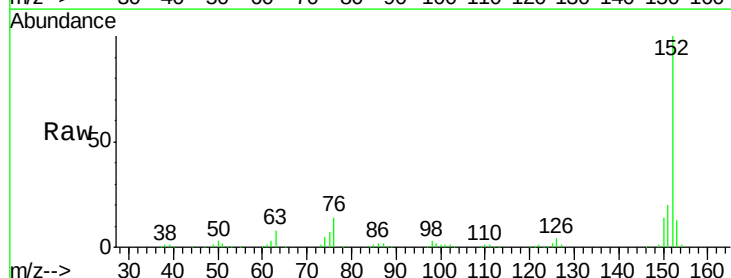
RT: 9.68 min Scan# 708

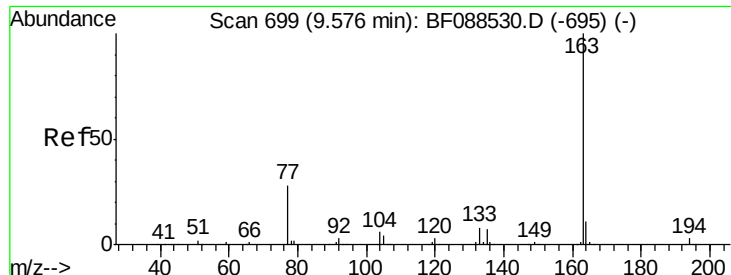
Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Tgt Ion:	152	Resp:	488840
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.4	11.0	16.6

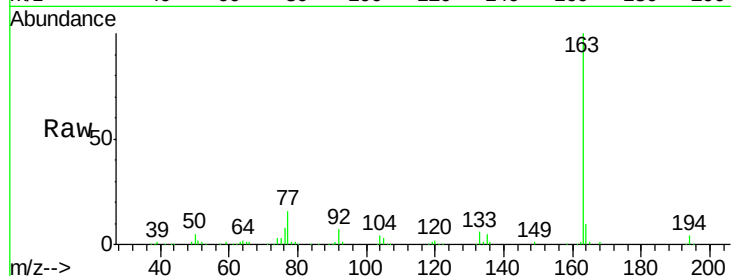




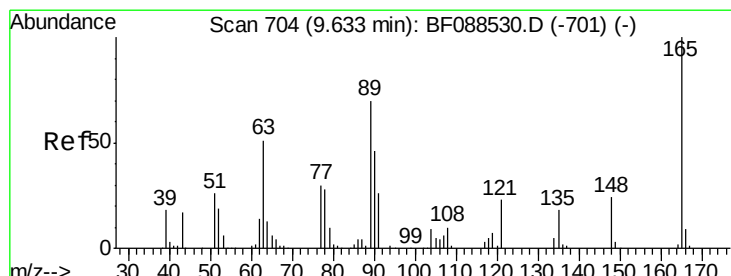
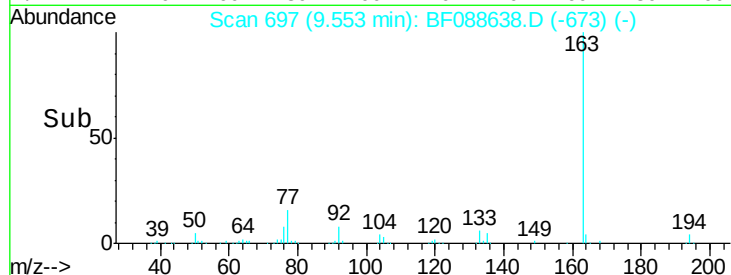
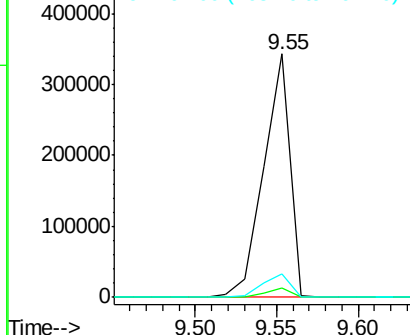
#49
Dimethylphthalate
Concen: 24.46 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 383295
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.7 8.3 12.5

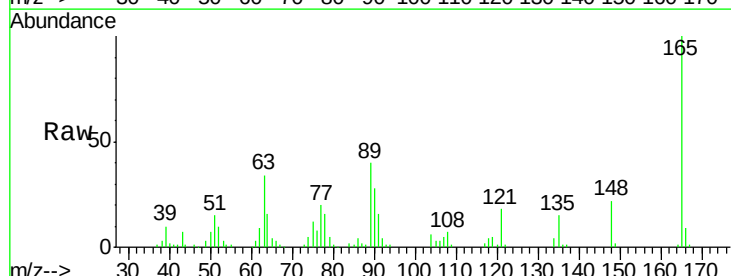


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

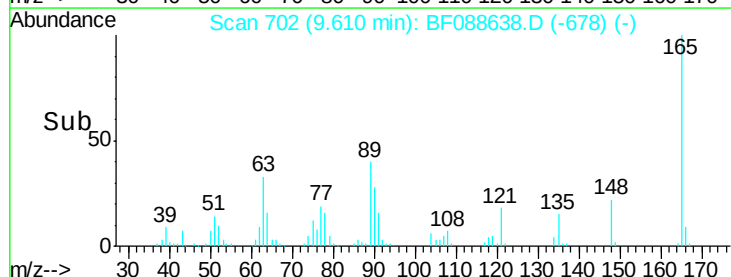
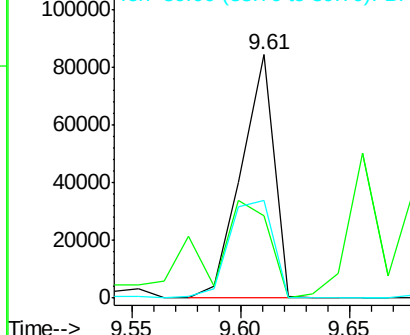


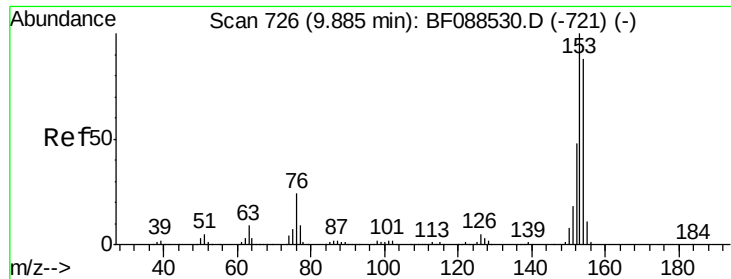
#50
2,6-Dinitrotoluene
Concen: 25.49 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Tgt Ion:165 Resp: 88518
Ion Ratio Lower Upper
165 100
63 33.7 28.1 42.1
89 40.3 32.2 48.2



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





#51

Acenaphthene

Concen: 25.93 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampleId :

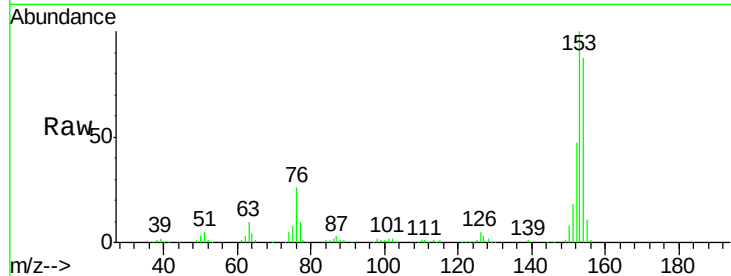
Tot Ion:154 Resp: 361550

Ion Ratio Lower Upper

154 100

153 114.4 89.5 134.3

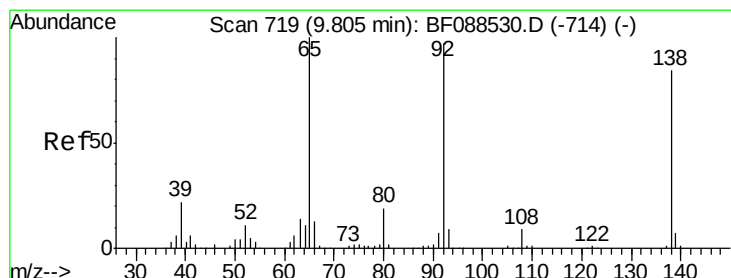
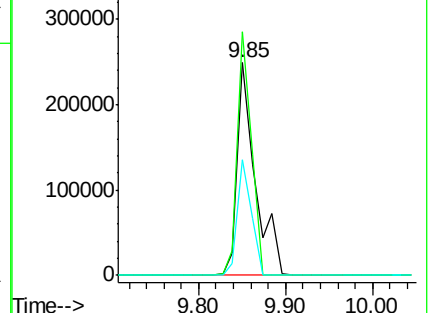
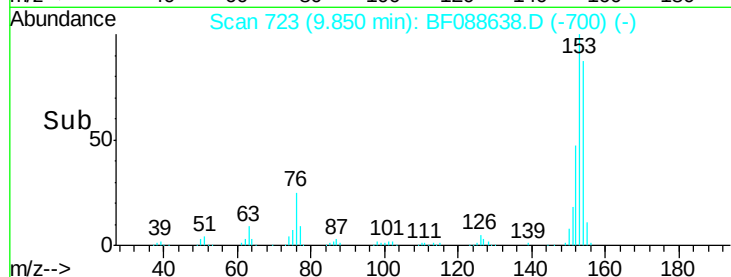
152 54.2 42.7 64.1



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: 14.16 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

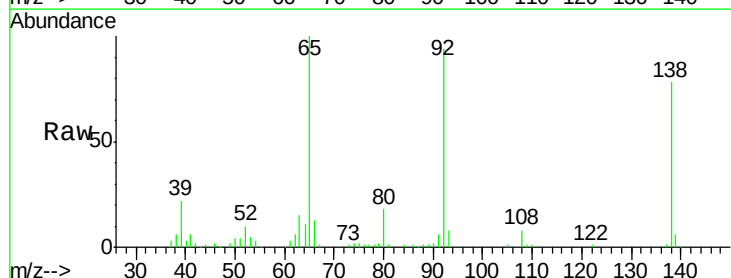
Tgt Ion:138 Resp: 62508

Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

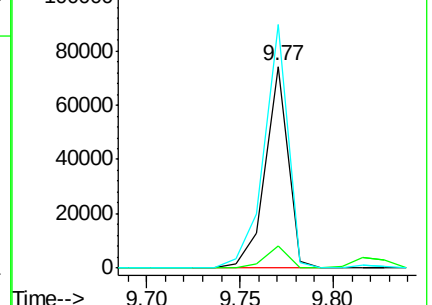
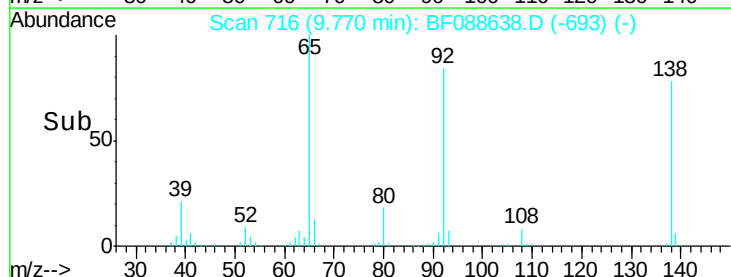
92 120.5 95.7 143.5

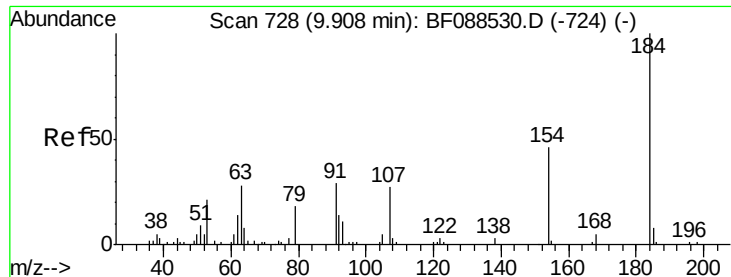


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

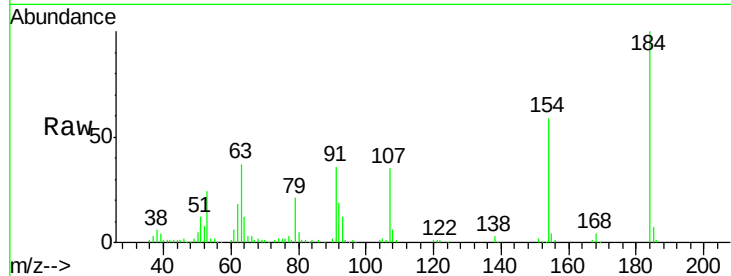




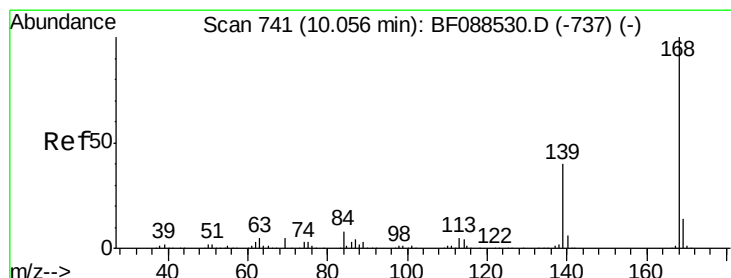
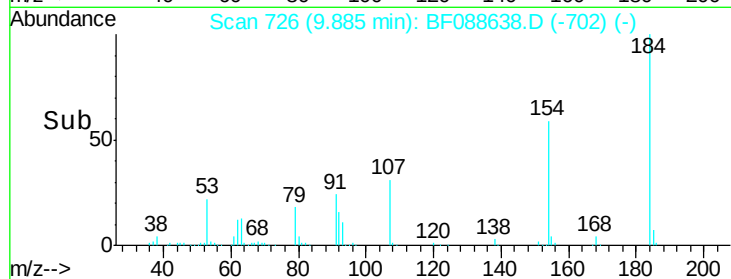
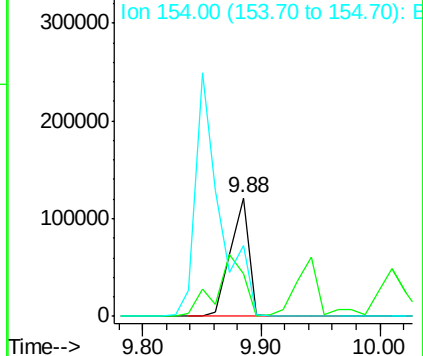
#53
2,4-Dinitrophenol
Concen: 86.37 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 132428
Ion Ratio Lower Upper
184 100
63 36.5 57.6 86.4#
154 59.5 53.5 80.3

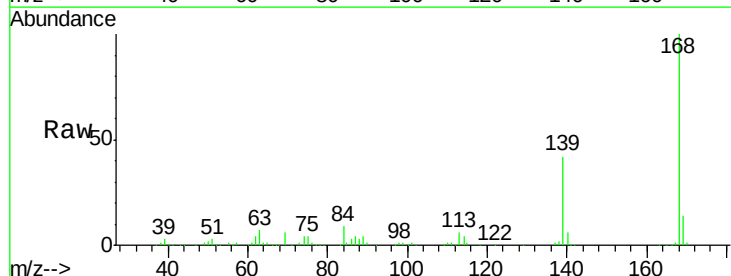


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

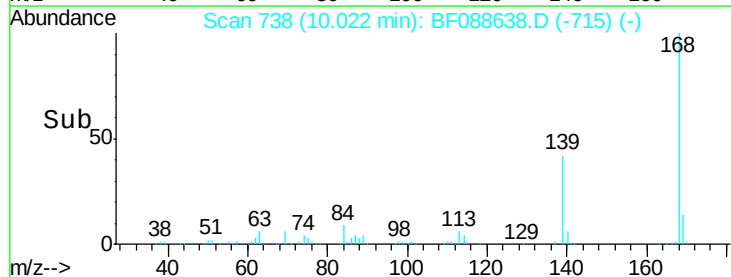
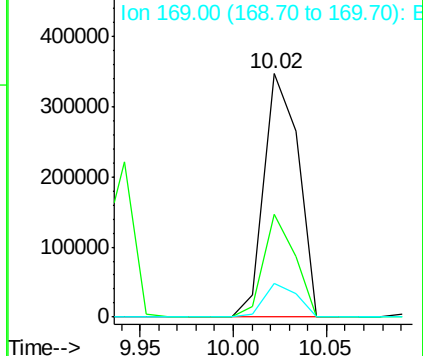


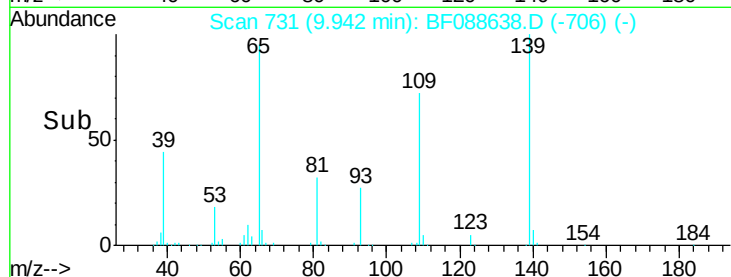
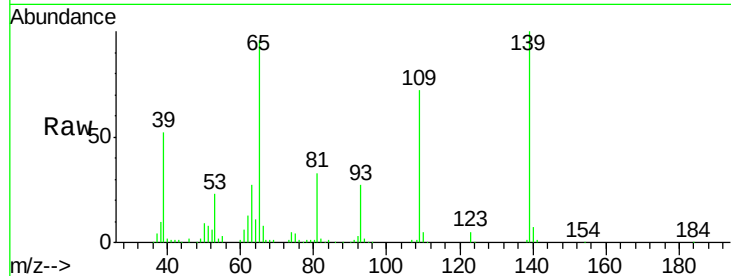
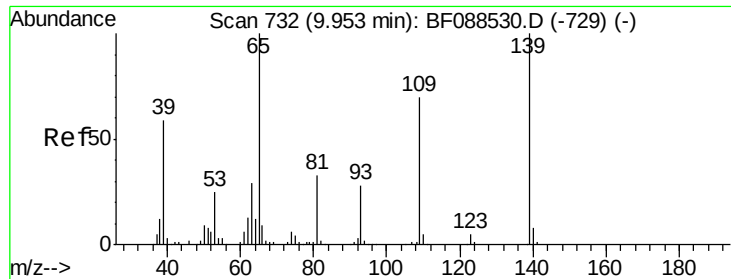
#54
Dibenzofuran
Concen: 24.25 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Tgt Ion:168 Resp: 442514
Ion Ratio Lower Upper
168 100
139 42.2 26.4 39.6#
169 13.7 10.4 15.6



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

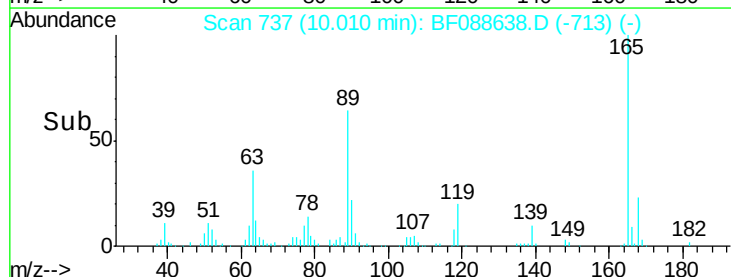
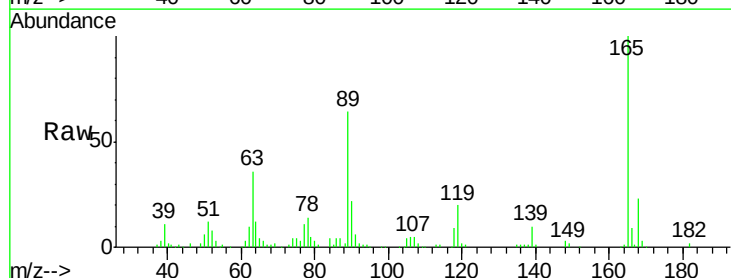
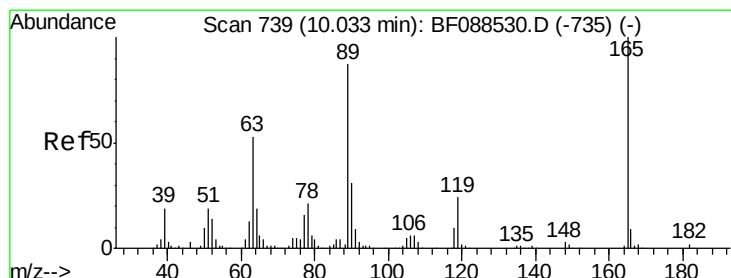
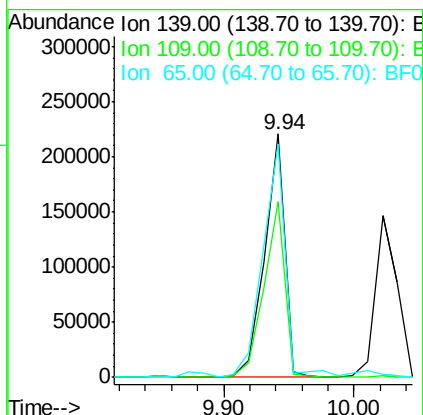




#55
4-Nitrophenol
Concen: 71.91 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

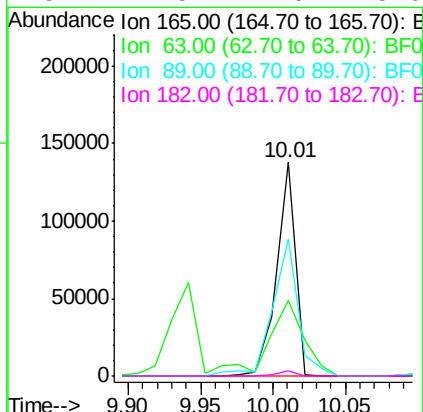
Instrument :
BNA_F
ClientSampleId :

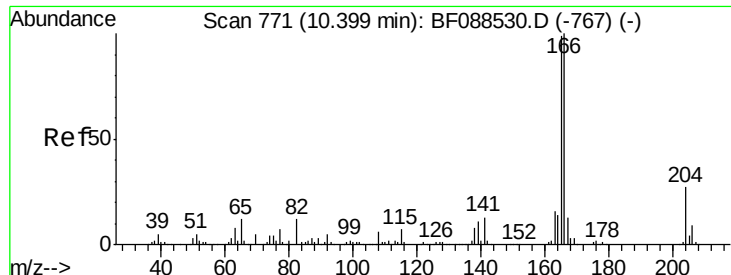
Tot Ion	Ratio	Lower	Upper
139	100		
109	72.4	48.9	88.9
65	95.9	84.9	124.9



#56
2,4-Dinitrotoluene
Concen: 27.32 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.6	22.0	33.0#
89	64.1	41.1	61.7#
182	2.5	2.0	3.0

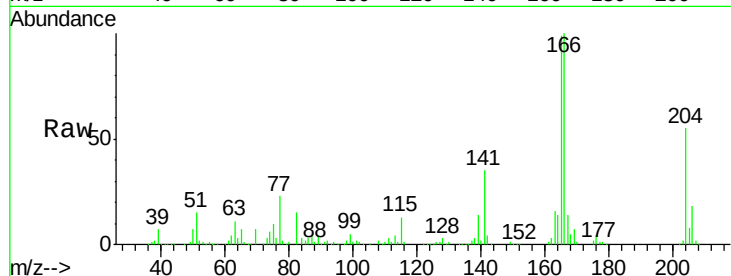




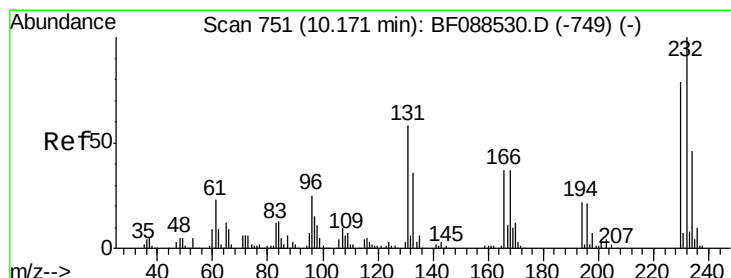
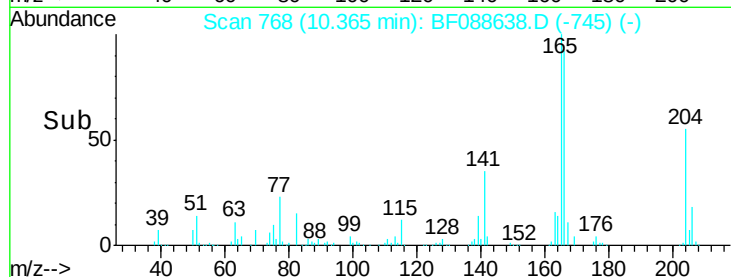
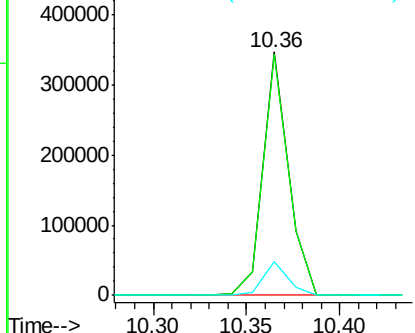
#57
 Fluorene
 Concen: 23.11 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.03 min
 Lab File: BF088638.D
 Acq: 3 Jul 2016 9:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 324993
 Ion Ratio Lower Upper
 166 100
 165 99.1 77.8 116.8
 167 13.9 11.2 16.8

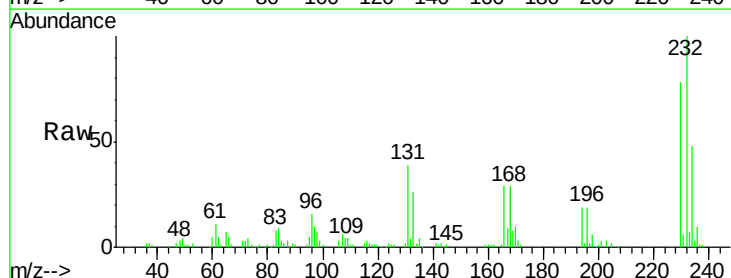


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

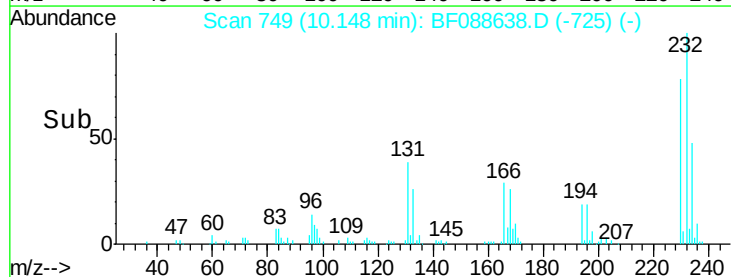
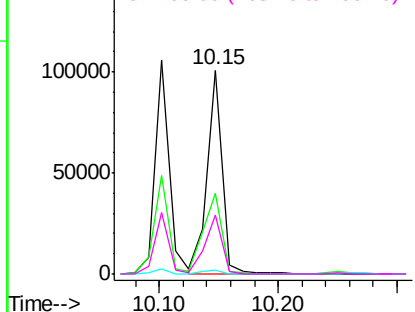


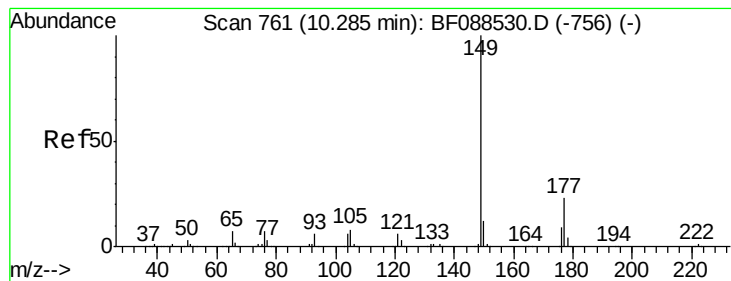
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 27.70 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.02 min
 Lab File: BF088638.D
 Acq: 3 Jul 2016 9:44

Tgt Ion:232 Resp: 88914
 Ion Ratio Lower Upper
 232 100
 131 48.0 0.9 1.3#
 130 2.3 1.5 2.3#
 166 32.3 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: 24.11 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampleId :

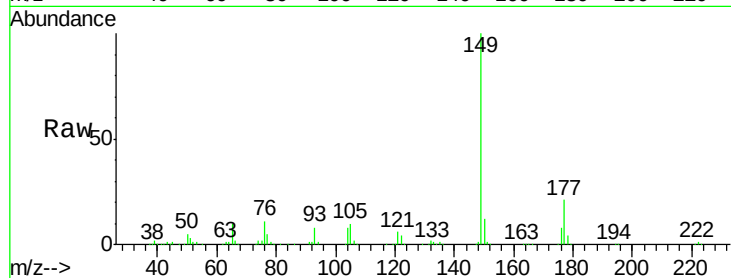
Tot Ion:149 Resp: 379033

Ion Ratio Lower Upper

149 100

177 21.0 16.9 25.3

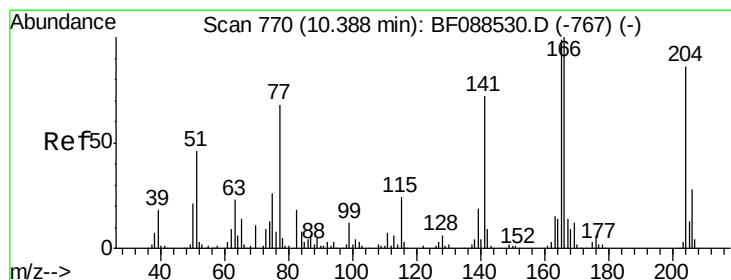
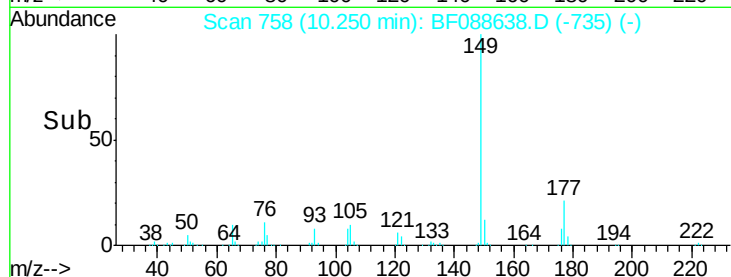
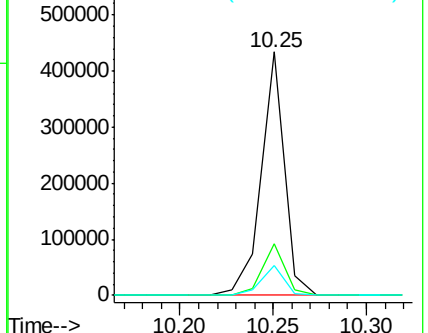
150 12.5 10.1 15.1



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: 24.31 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

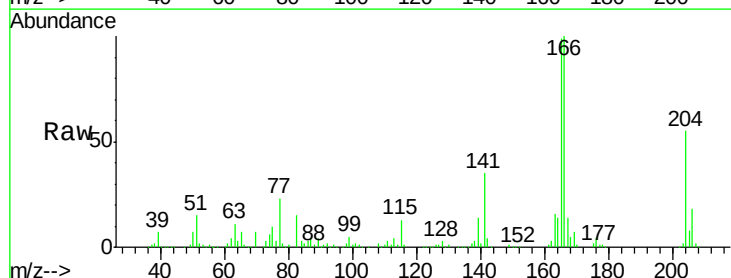
Tgt Ion:204 Resp: 158864

Ion Ratio Lower Upper

204 100

206 33.0 26.3 39.5

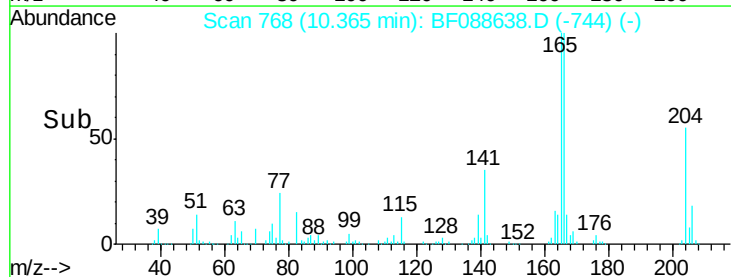
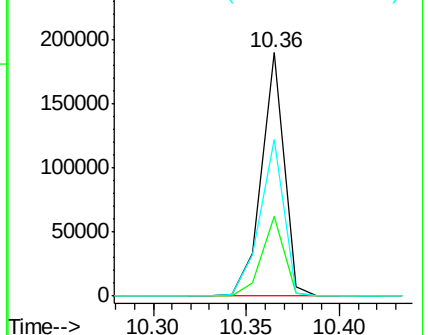
141 64.6 55.0 82.6

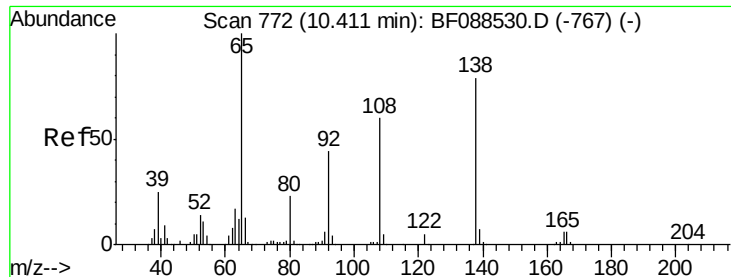


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

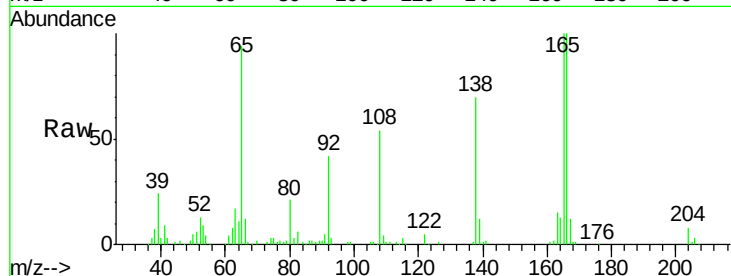




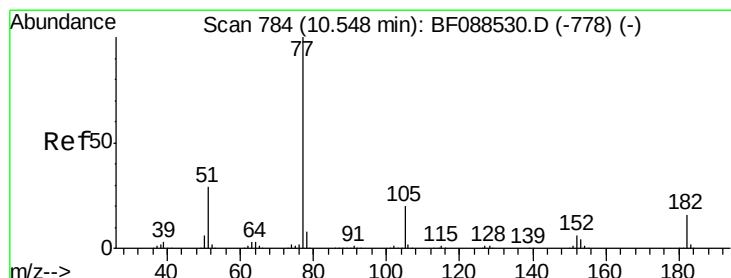
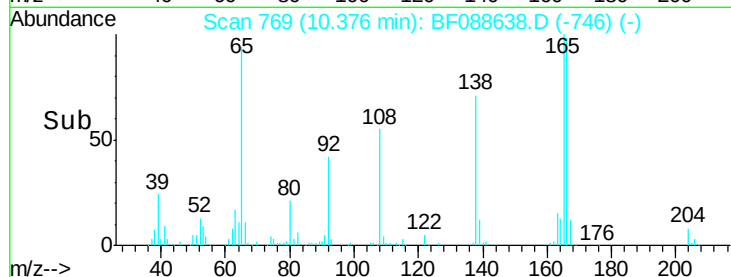
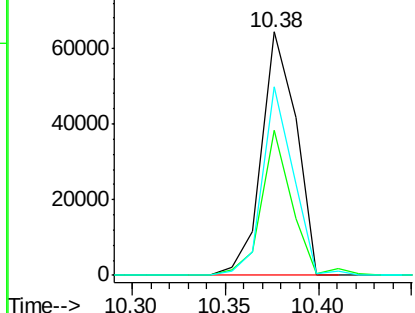
#61
4-Nitroaniline
Concen: 19.34 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 82144
Ion Ratio Lower Upper
138 100
92 59.8 27.3 67.3
108 77.2 46.7 86.7

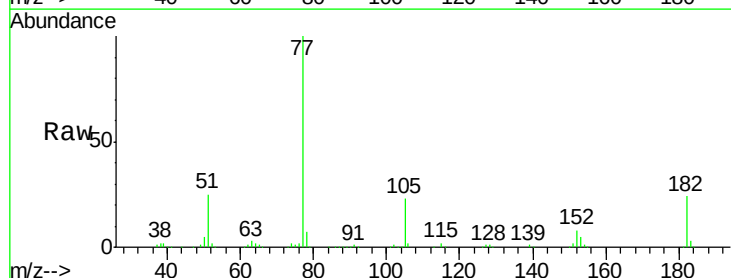


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

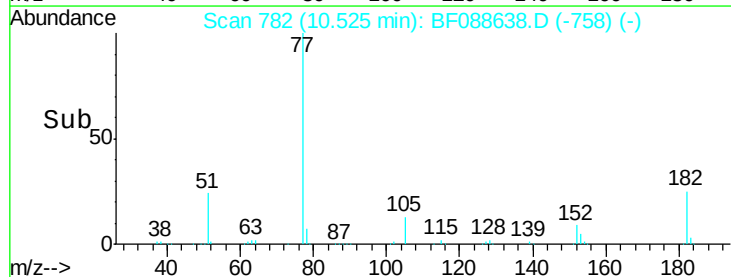
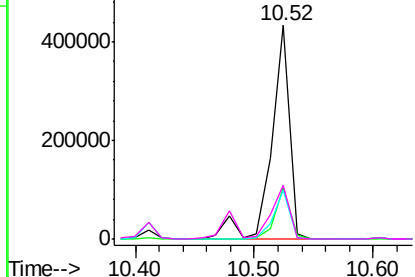


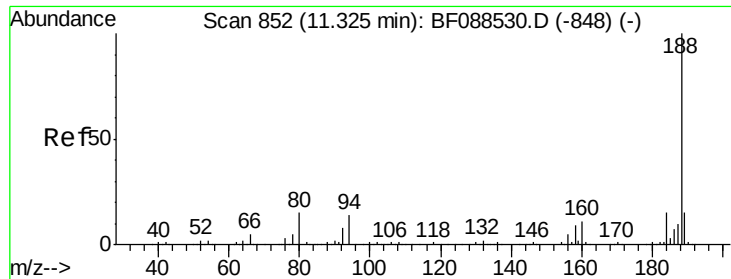
#62
Azobenzene
Concen: 25.95 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Tgt Ion: 77 Resp: 465506
Ion Ratio Lower Upper
77 100
182 23.8 4.4 44.4
105 22.9 3.8 43.8
51 25.5 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

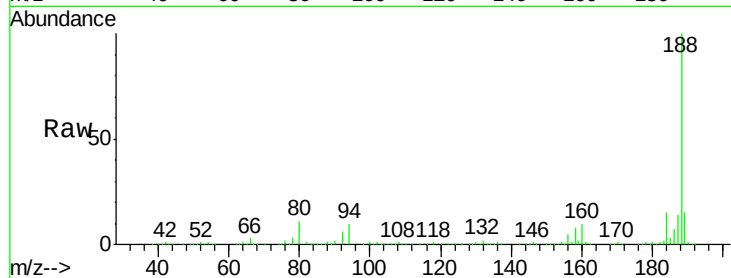




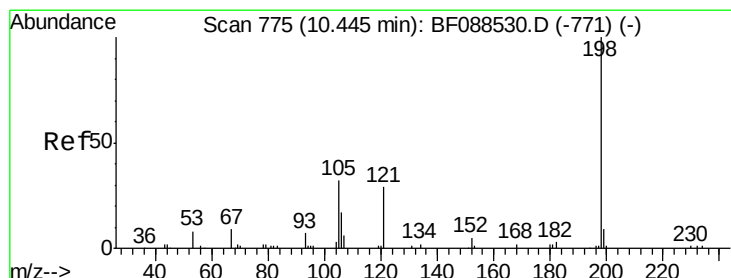
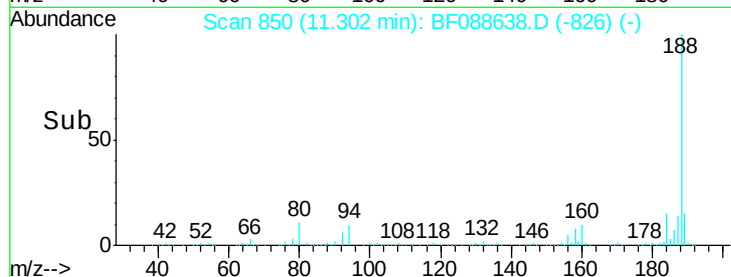
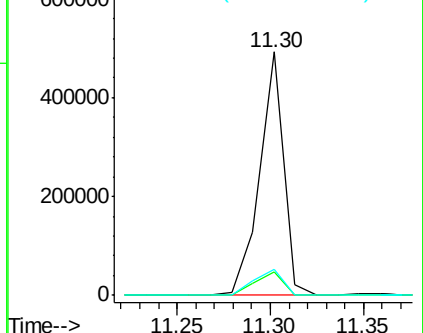
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 444409
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.6
80 10.7 10.0 15.0

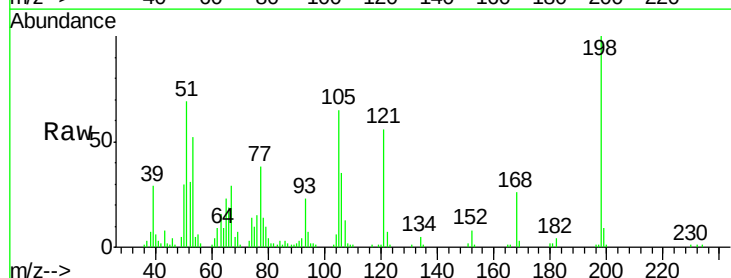


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

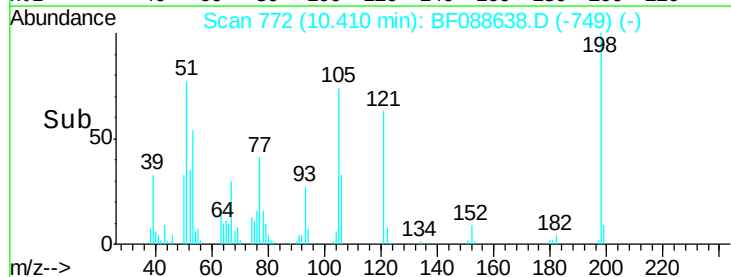
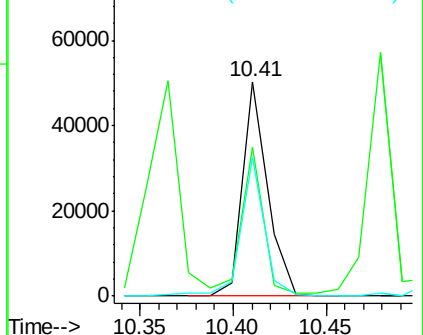


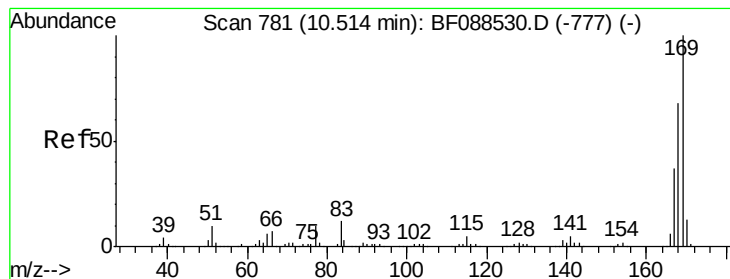
#64
4,6-Dinitro-2-methylphenol
Concen: 19.76 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Tgt Ion:198 Resp: 46962
Ion Ratio Lower Upper
198 100
51 69.1 39.6 79.6
105 64.8 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: 19.83 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampleId :

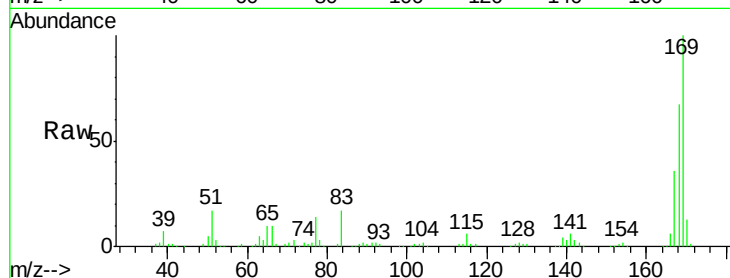
Tot Ion:169 Resp: 298326

Ion Ratio Lower Upper

169 100

168 66.7 53.4 80.0

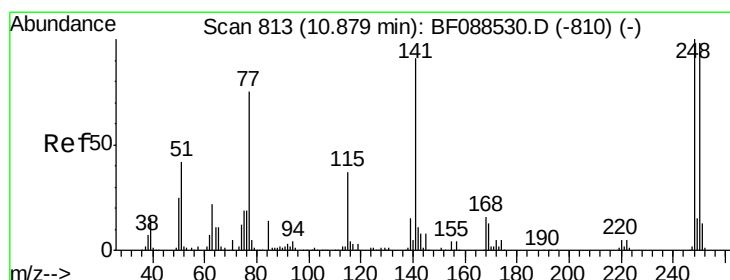
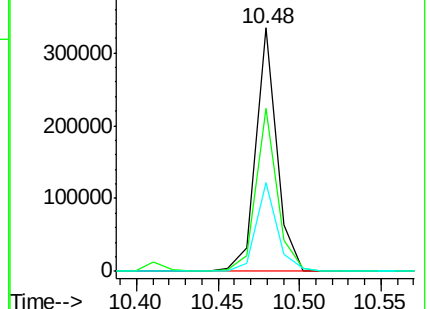
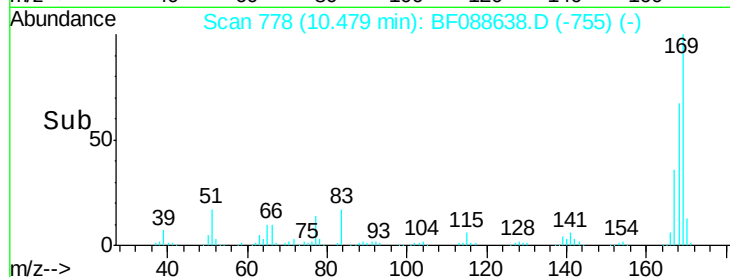
167 36.5 29.4 44.0



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: 21.22 ng

RT: 10.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

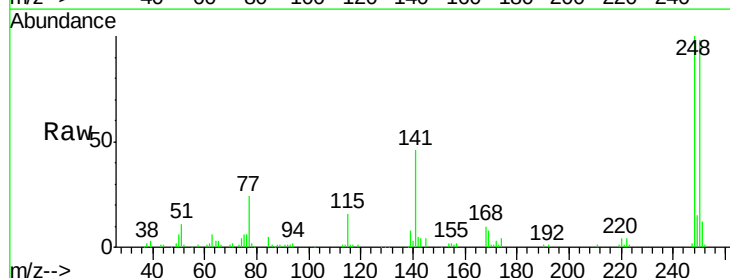
Tgt Ion:248 Resp: 95035

Ion Ratio Lower Upper

248 100

250 98.0 77.1 115.7

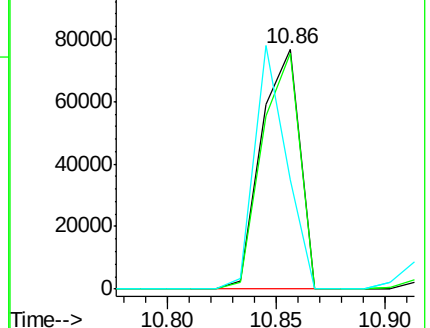
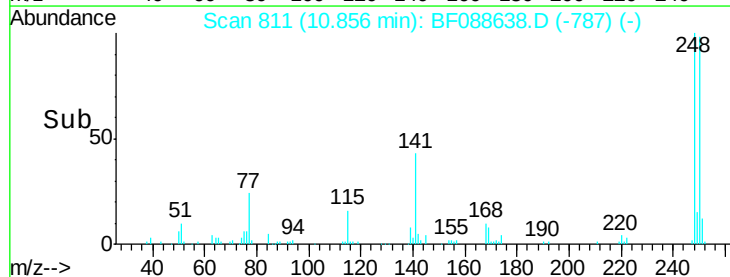
141 45.5 50.6 76.0#

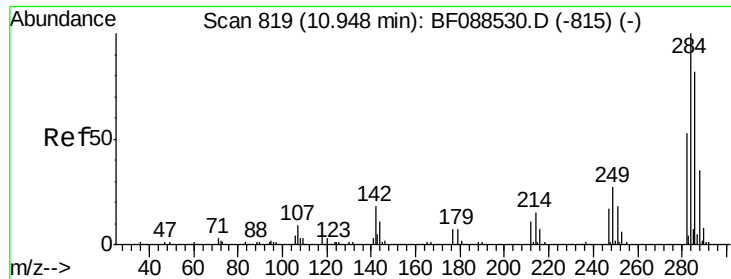


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 20.63 ng

RT: 10.91 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampleId :

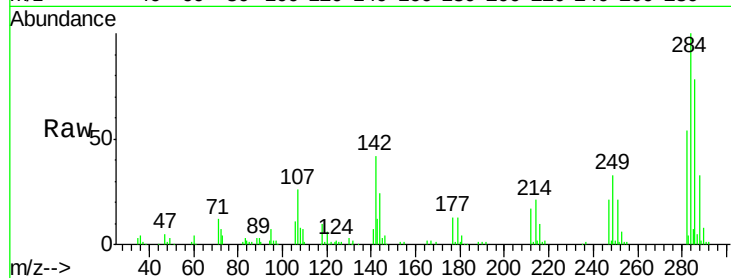
Tot Ion:284 Resp: 102285

Ion Ratio Lower Upper

284 100

142 41.9 35.8 53.8

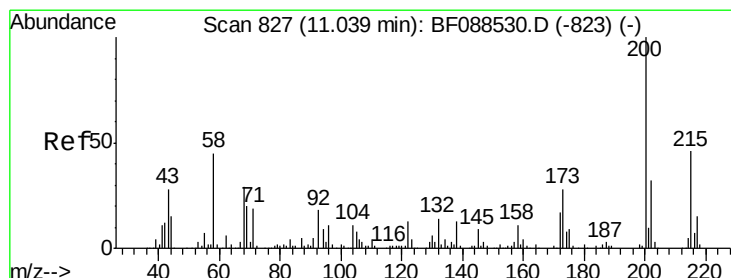
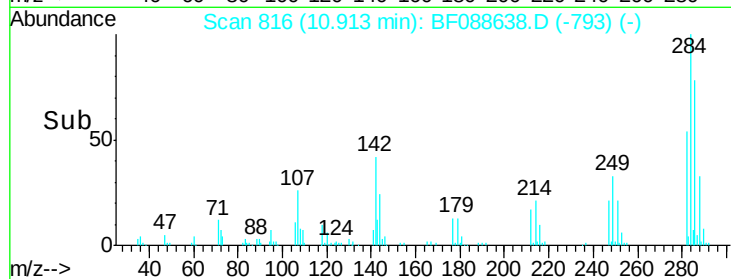
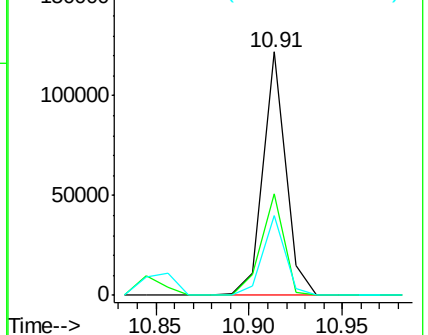
249 32.6 25.8 38.6



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: 19.46 ng

RT: 11.00 min Scan# 824

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

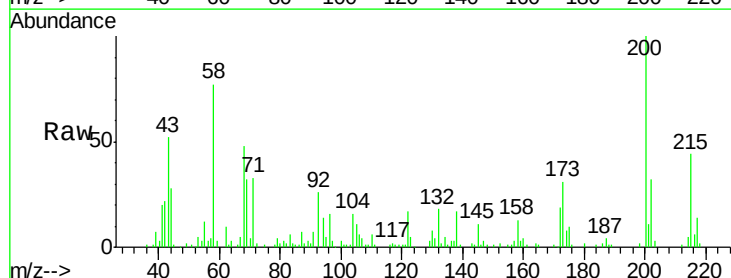
Tgt Ion:200 Resp: 91187

Ion Ratio Lower Upper

200 100

173 30.7 4.0 44.0

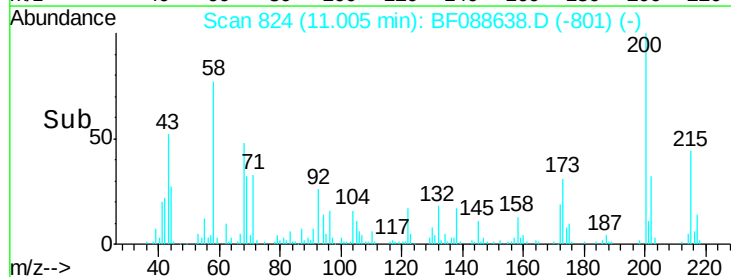
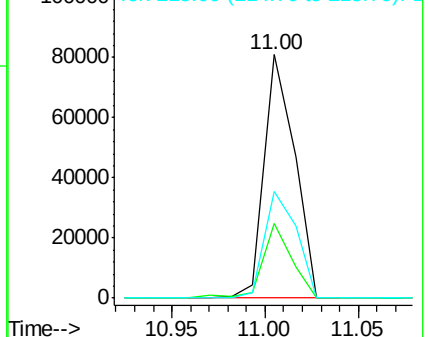
215 43.9 29.3 69.3

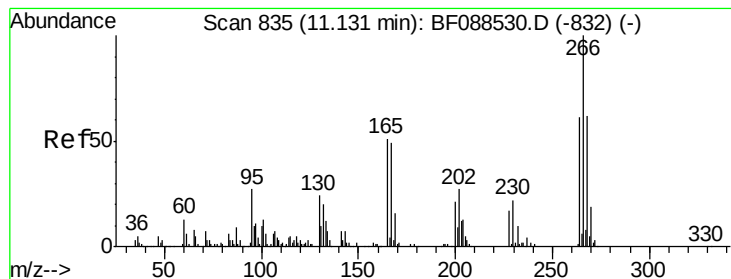


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 57.34 ng

RT: 11.11 min Scan# 833

Delta R.T. -0.02 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampled :

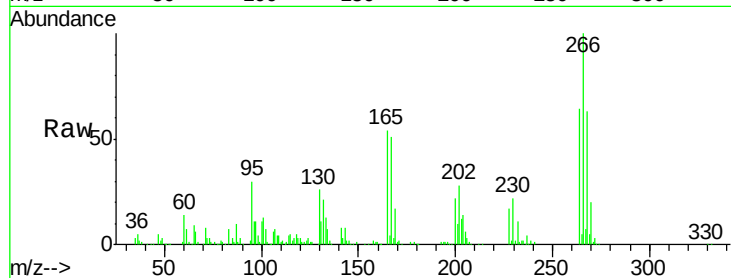
Tot Ion:266 Resp: 168225

Ion Ratio Lower Upper

266 100

268 63.3 52.8 79.2

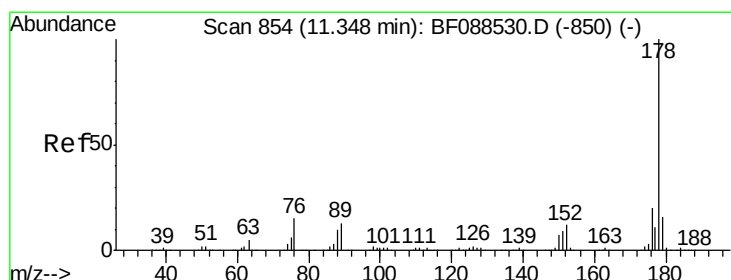
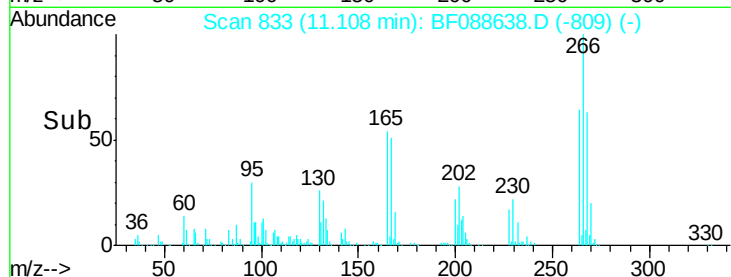
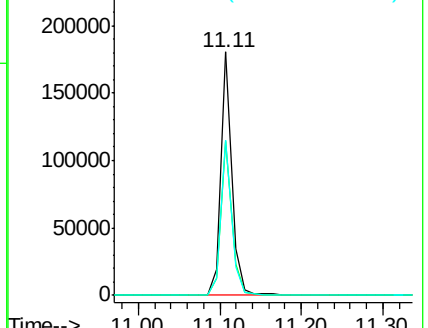
264 63.8 49.6 74.4



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: 21.93 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

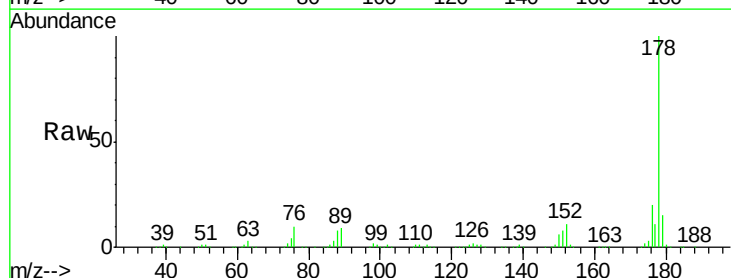
Tgt Ion:178 Resp: 532756

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

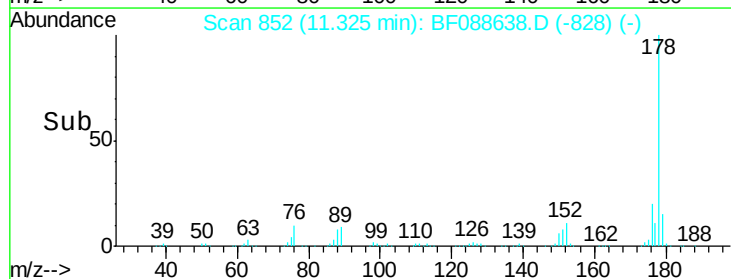
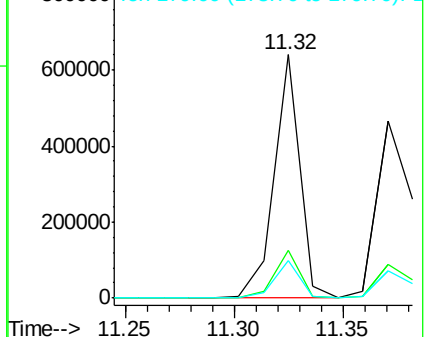
179 15.4 13.0 19.4

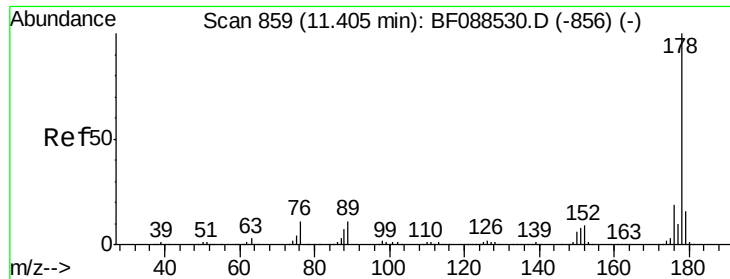


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

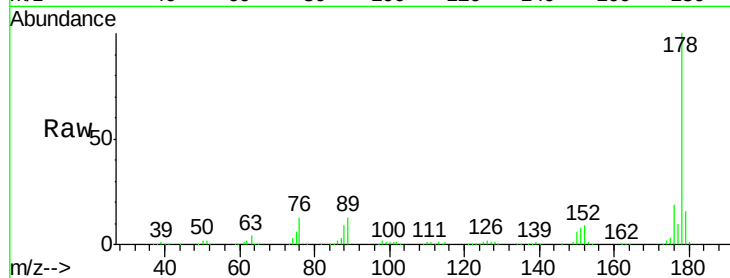




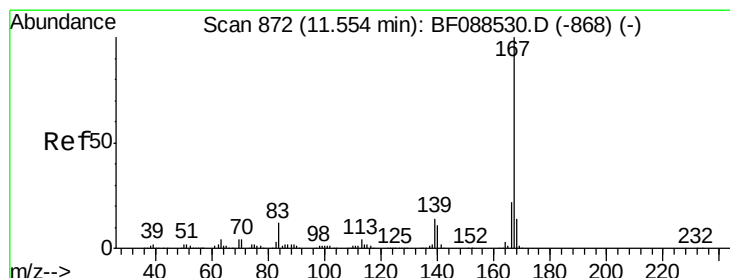
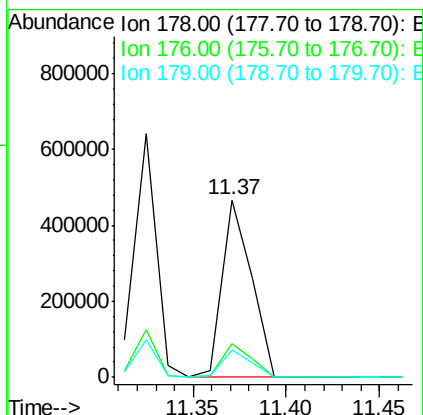
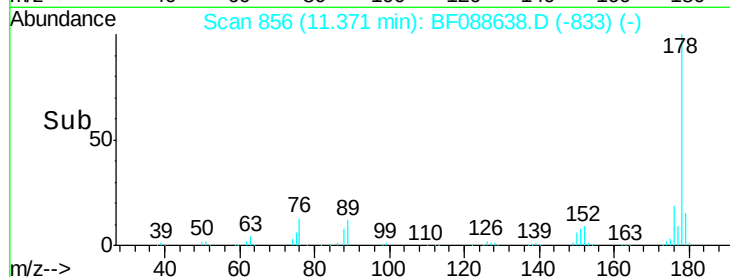
#71
 Anthracene
 Concen: 21.30 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.03 min
 Lab File: BF088638.D
 Acq: 3 Jul 2016 9:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 514598
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.6 23.4
 179 15.7 12.8 19.2

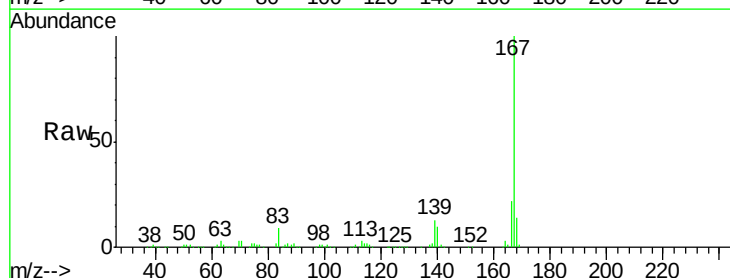


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

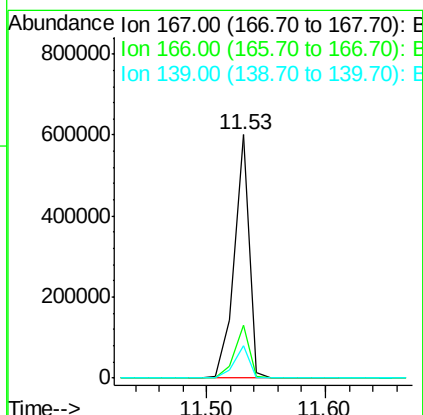
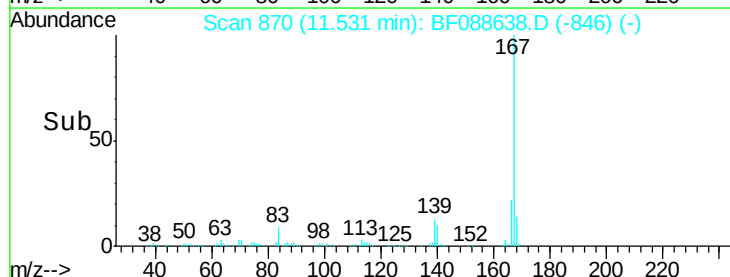


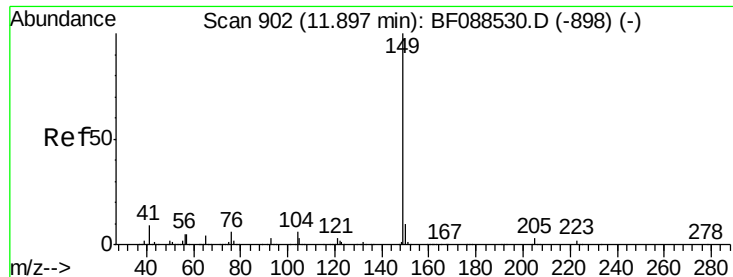
#72
 Carbazole
 Concen: 22.99 ng
 RT: 11.53 min Scan# 870
 Delta R.T. -0.02 min
 Lab File: BF088638.D
 Acq: 3 Jul 2016 9:44

Tgt Ion:167 Resp: 522707
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.4 11.2 16.8



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





#73

Di-n-butylphthalate

Concen: 23.58 ng

RT: 11.87 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampleId :

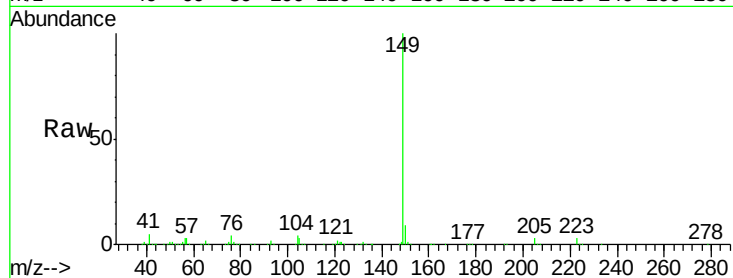
Tot Ion:149 Resp: 623575

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

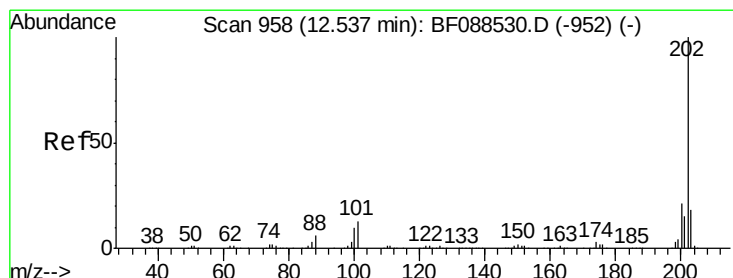
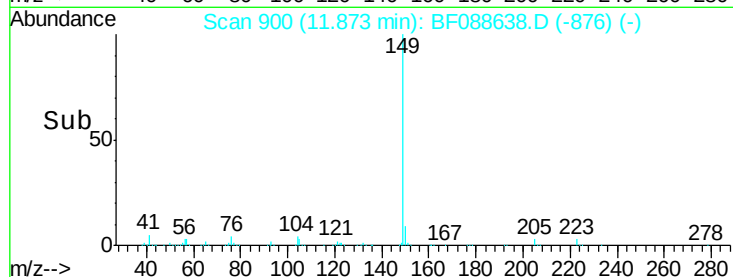
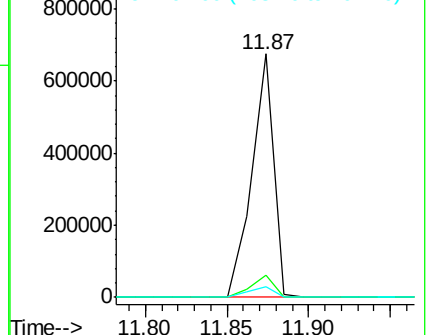
104 4.5 4.0 6.0



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: 20.30 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

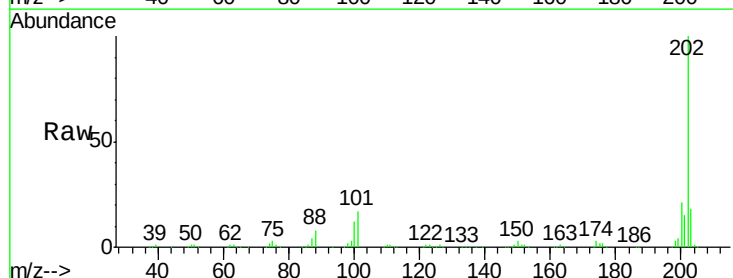
Tgt Ion:202 Resp: 499885

Ion Ratio Lower Upper

202 100

101 16.7 0.0 33.1

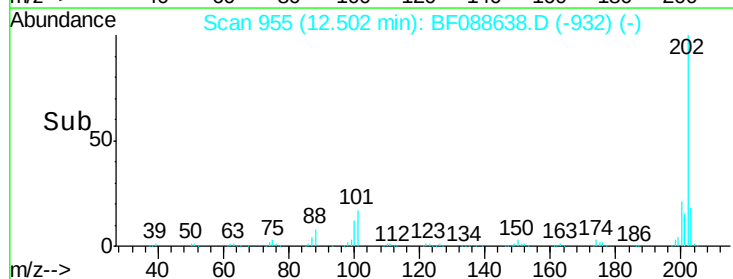
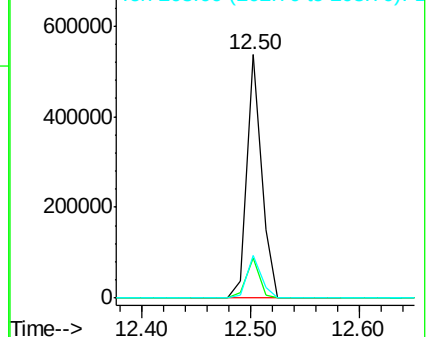
203 17.7 0.0 38.1

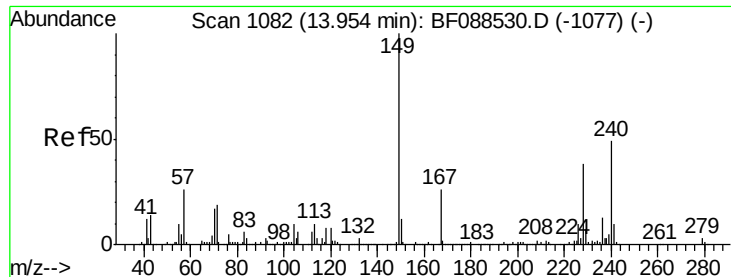


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampleId :

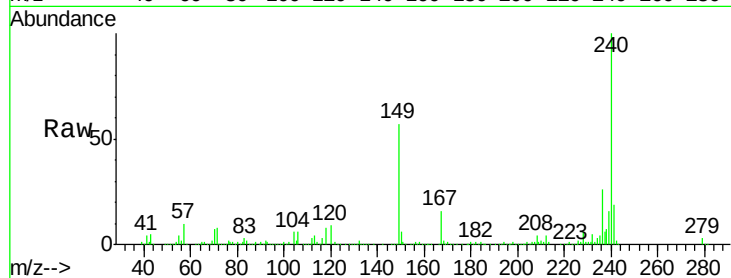
Tot Ion:240 Resp: 339711

Ion Ratio Lower Upper

240 100

120 9.2 6.8 10.2

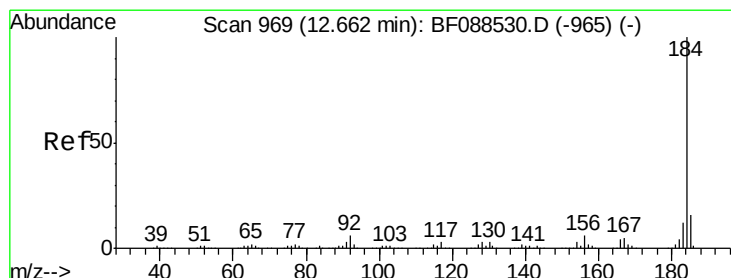
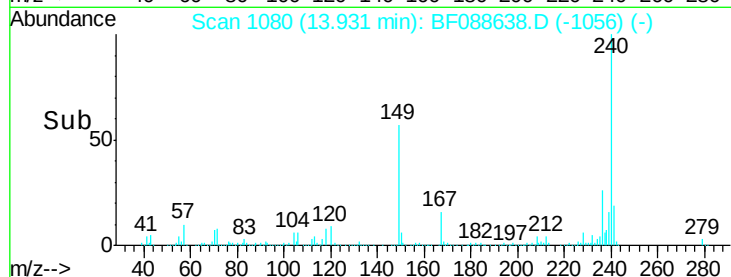
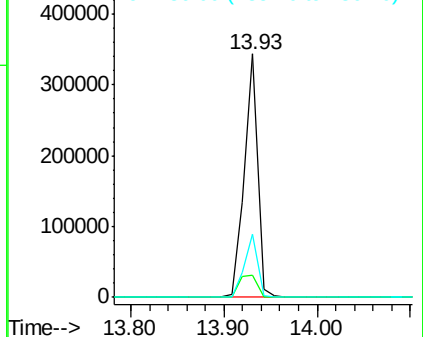
236 26.1 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 10.96 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

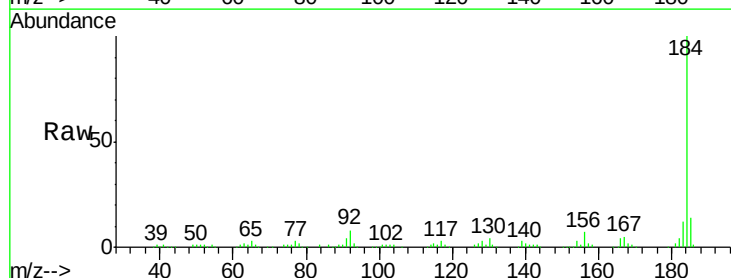
Tgt Ion:184 Resp: 188124

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

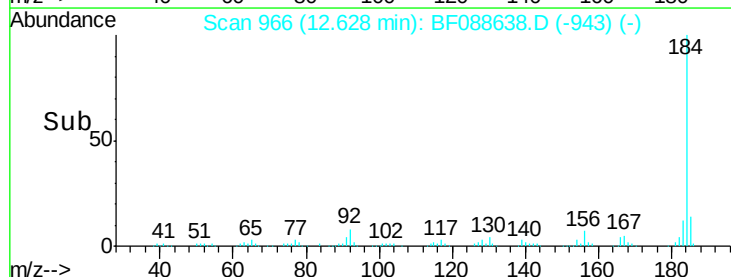
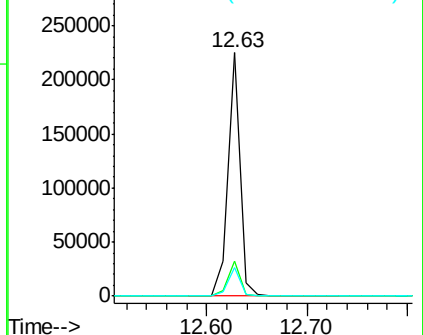
183 11.7 9.3 13.9

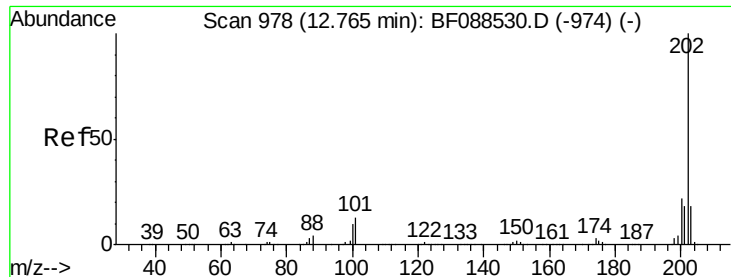


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 18.50 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :
BNA_F
ClientSampleId :

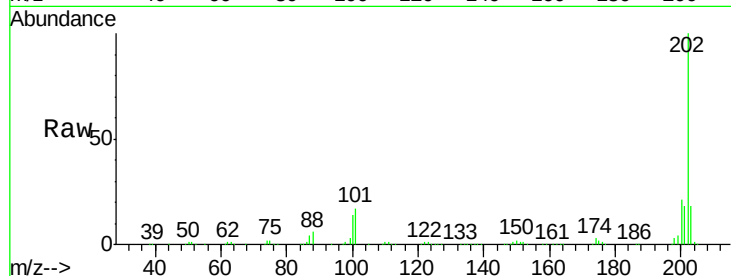
Tot Ion:202 Resp: 532931

Ion Ratio Lower Upper

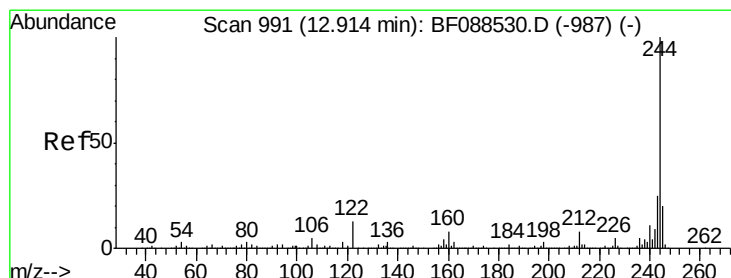
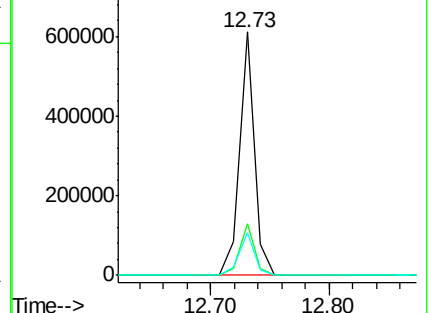
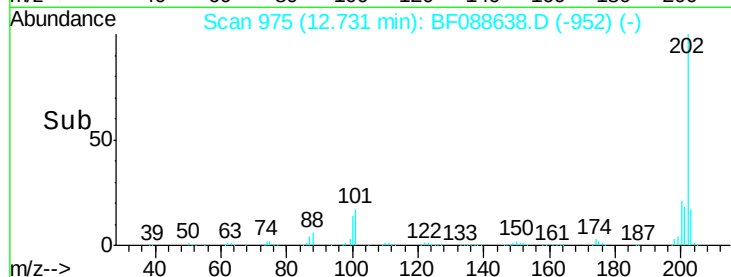
202 100

200 21.3 17.4 26.2

203 17.5 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: 79.12 ng

RT: 12.89 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

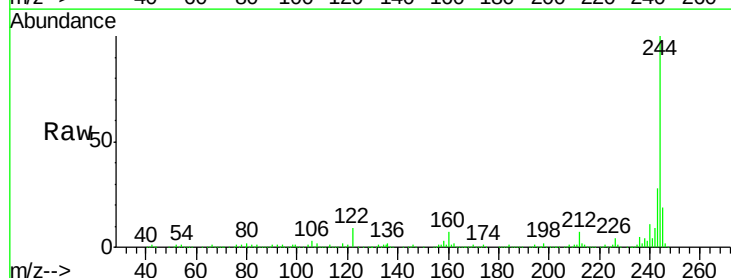
Tgt Ion:244 Resp: 1206715

Ion Ratio Lower Upper

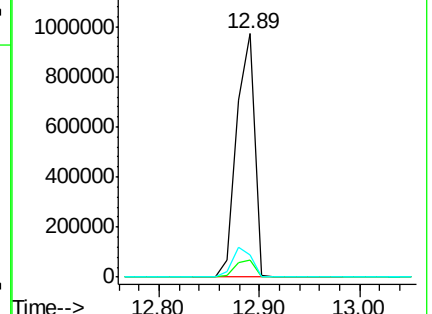
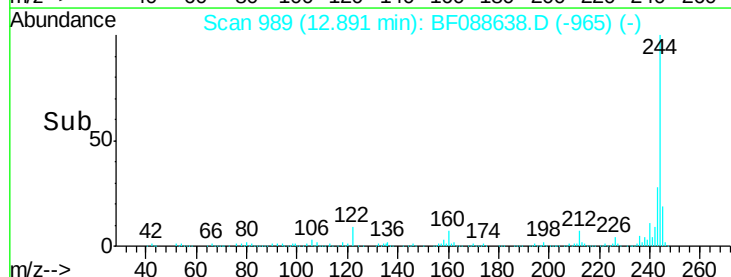
244 100

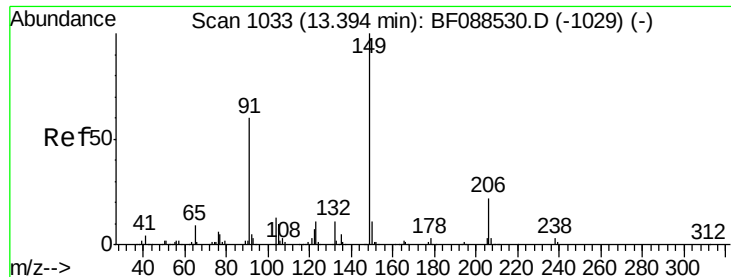
212 7.3 6.0 9.0

122 8.9 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

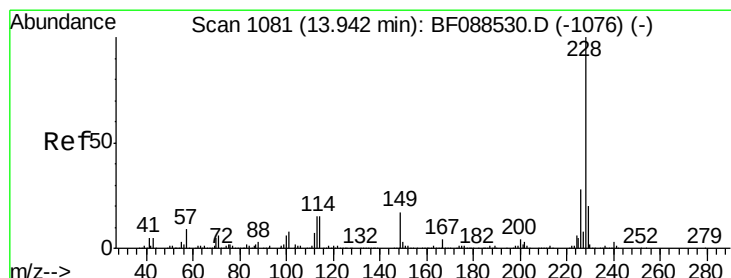
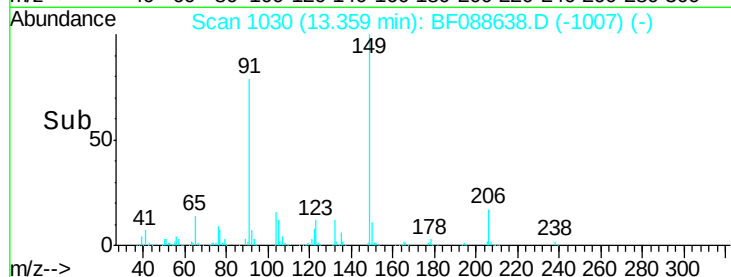
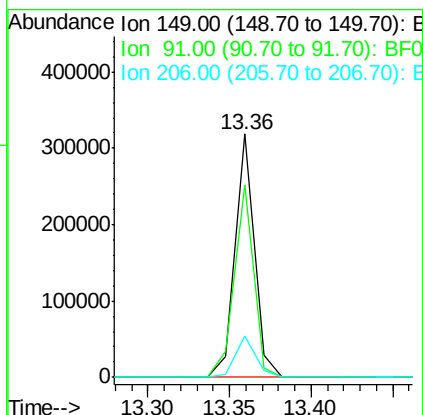
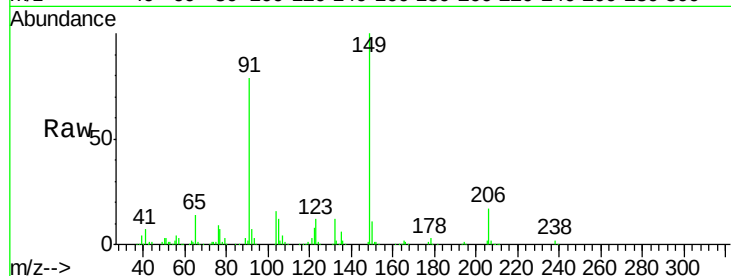




#79
Butylbenzylphthalate
Concen: 20.11 ng
RT: 13.36 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

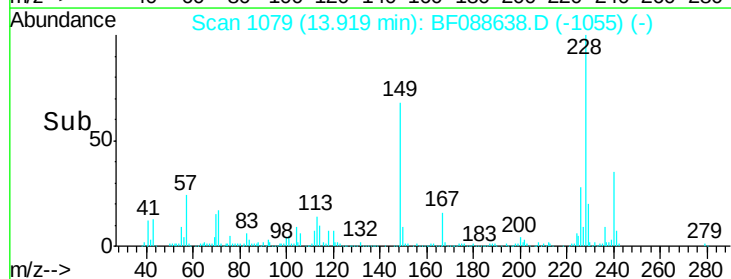
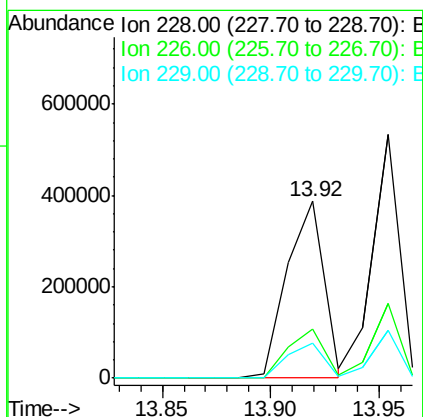
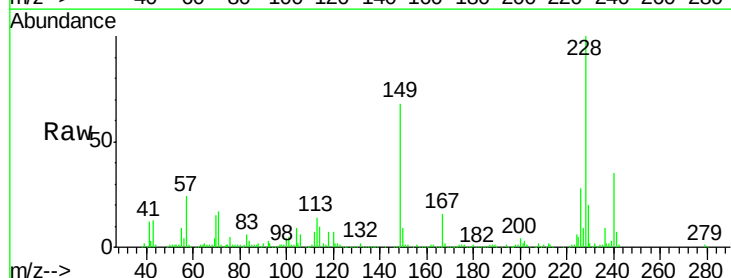
Instrument :
BNA_F
ClientSampleId :

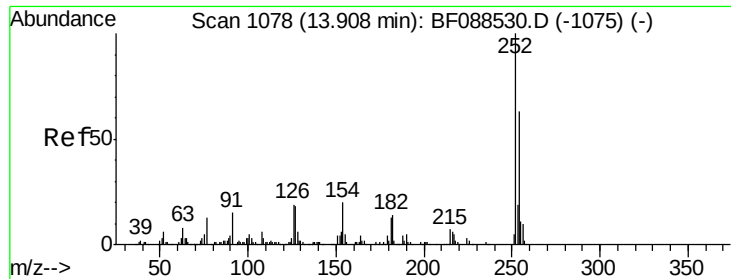
Tot Ion	Ratio	Lower	Upper
149	100		
91	79.1	48.0	72.0#
206	17.0	16.0	24.0



#80
Benzo(a)anthracene
Concen: 20.98 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	19.8	16.0	24.0





#81

3,3'-Dichlorobenzidine

Concen: 11.65 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampleId :

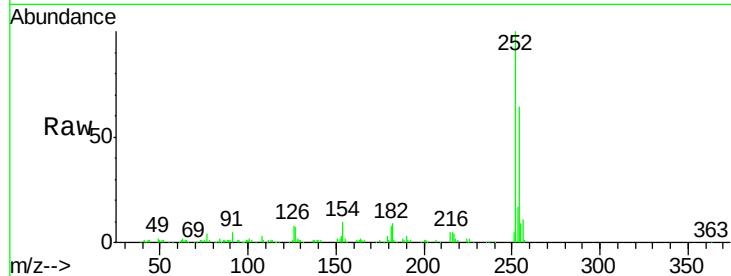
Tot Ion:252 Resp: 95838

Ion Ratio Lower Upper

252 100

254 63.6 52.6 78.8

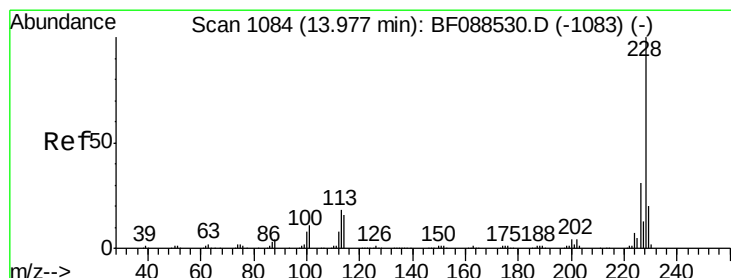
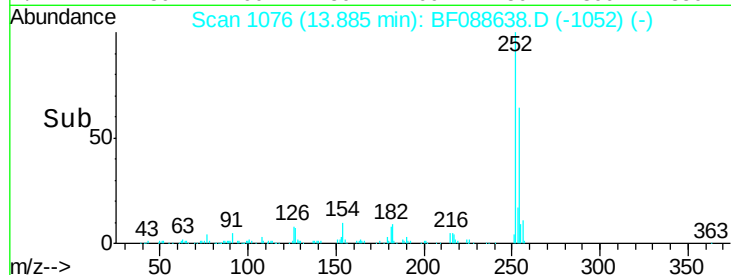
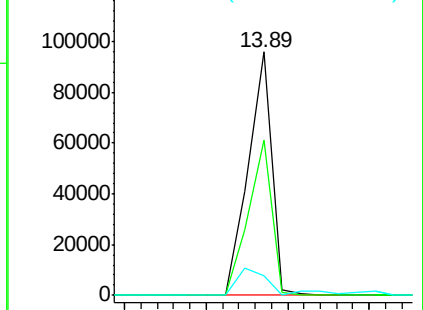
126 7.9 6.2 9.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 21.45 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

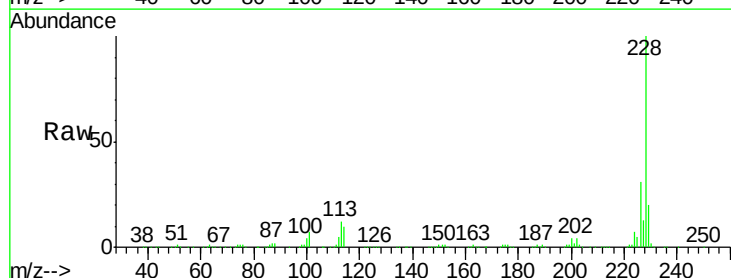
Tgt Ion:228 Resp: 464162

Ion Ratio Lower Upper

228 100

226 30.6 25.4 38.2

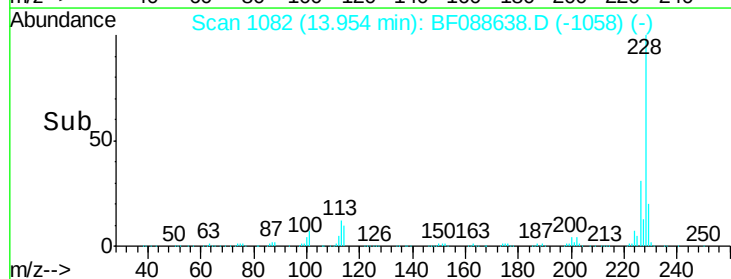
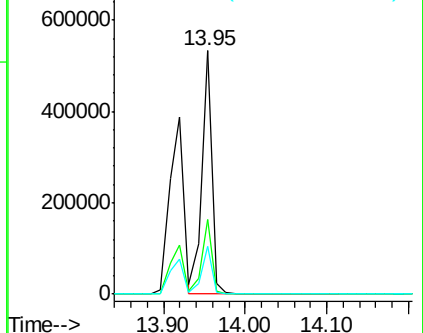
229 19.7 16.3 24.5

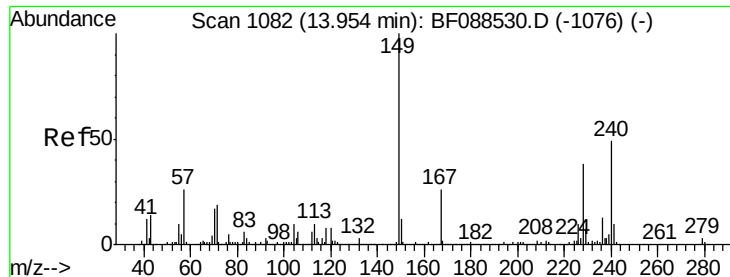


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 22.14 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampleId :

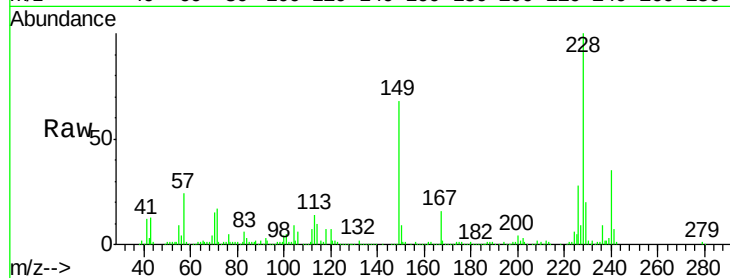
Tot Ion:149 Resp: 324791

Ion Ratio Lower Upper

149 100

167 23.6 20.5 30.7

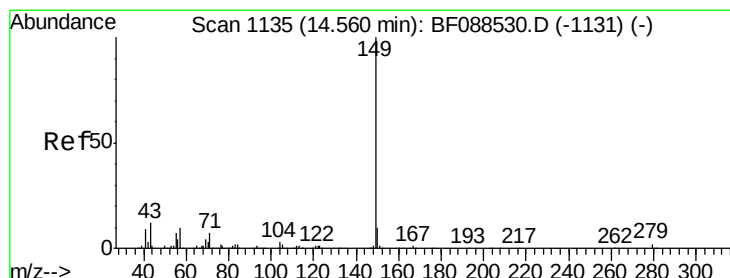
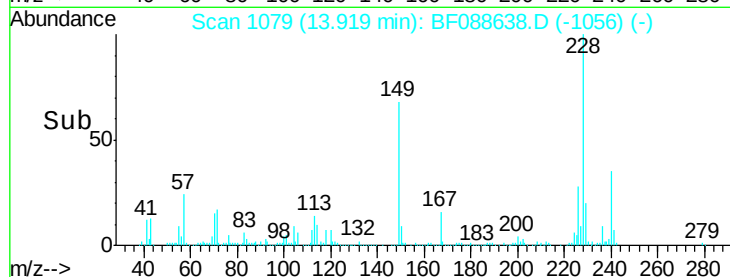
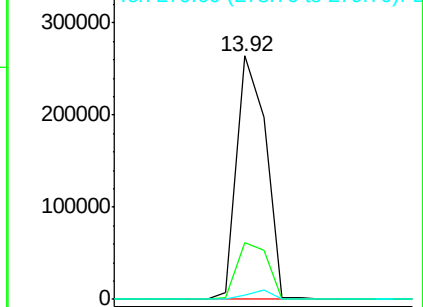
279 1.8 2.0 3.0#



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: 24.47 ng

RT: 14.54 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

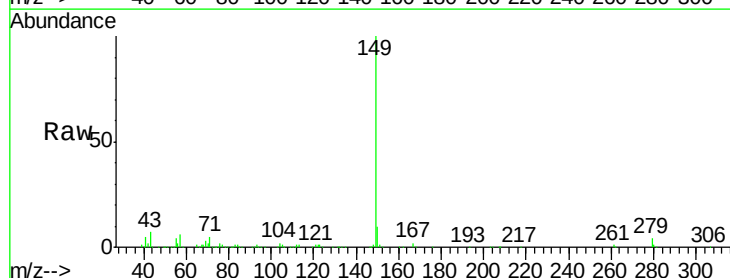
Tgt Ion:149 Resp: 609821

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

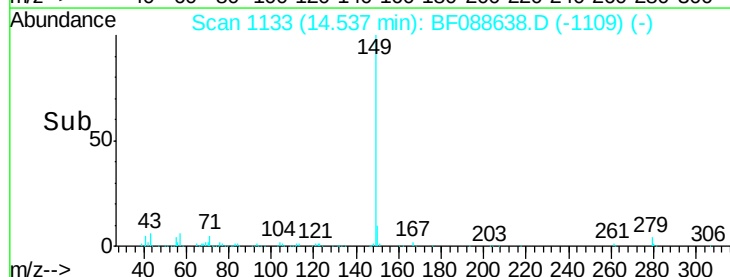
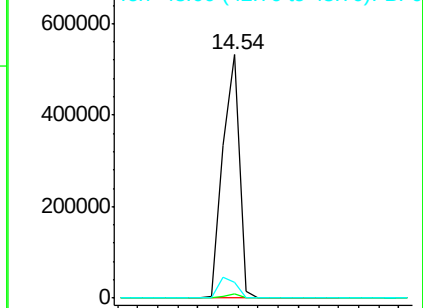
43 9.2 0.0 0.0#

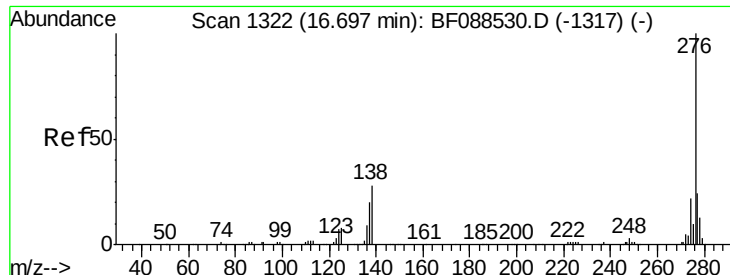


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

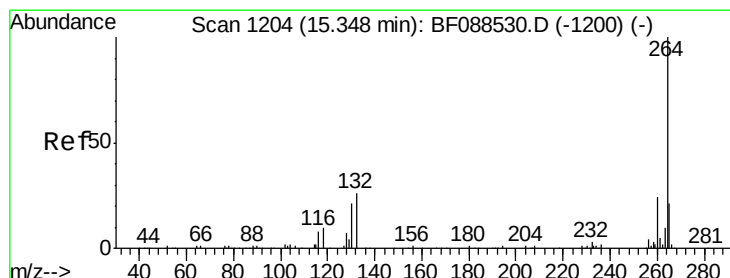
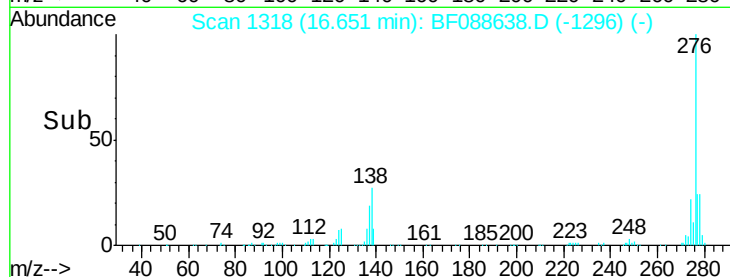
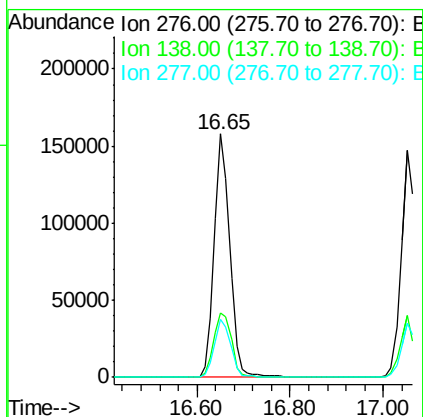
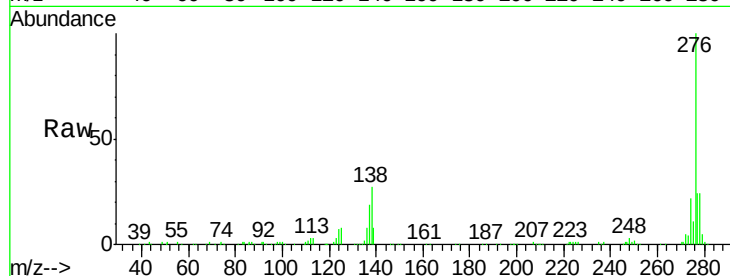




#85
Indeno(1,2,3-cd)pyrene
Concen: 22.22 ng
RT: 16.65 min Scan# 1318
Delta R.T. -0.05 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

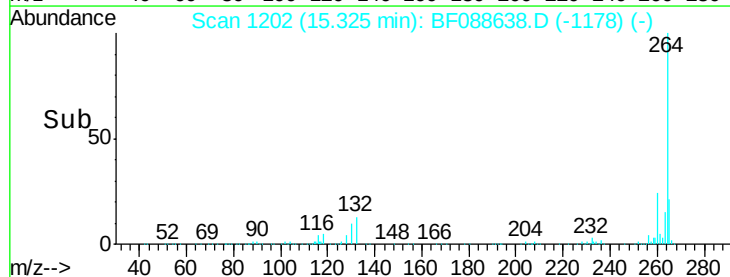
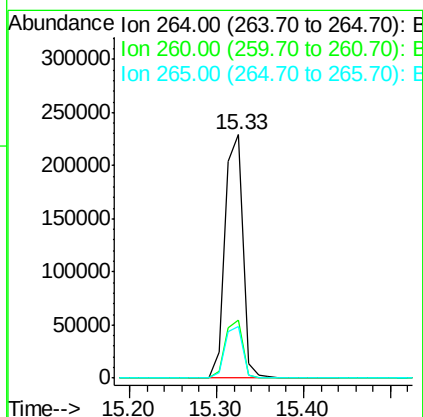
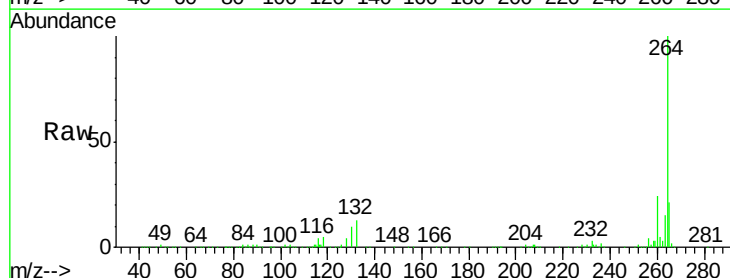
Instrument :
BNA_F
ClientSampleId :

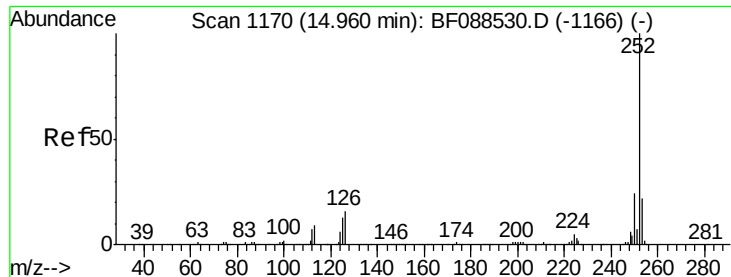
Tot Ion:276 Resp: 369984
Ion Ratio Lower Upper
276 100
138 30.0 0.0 0.0#
277 24.8 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Tgt Ion:264 Resp: 328057
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.2 16.9 25.3

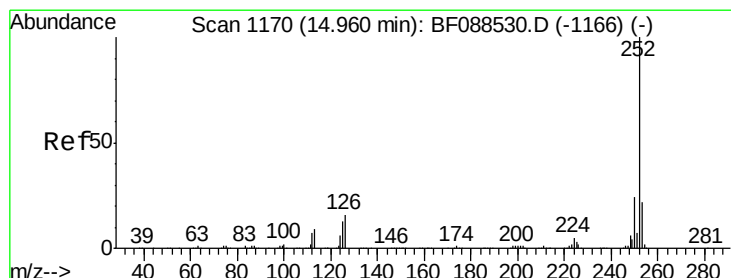
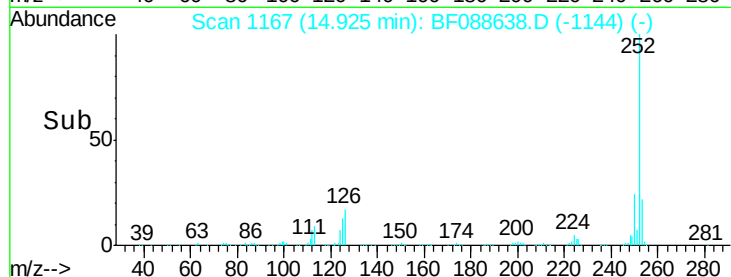
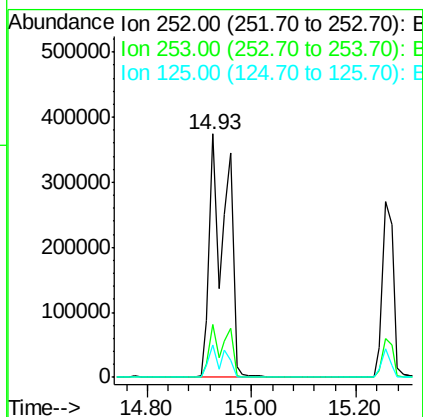
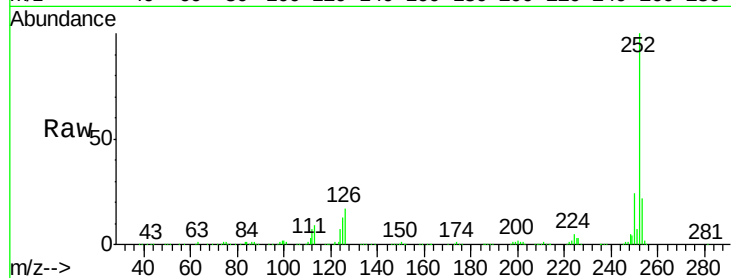




#87
Benzo(b)fluoranthene
Concen: 40.97 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

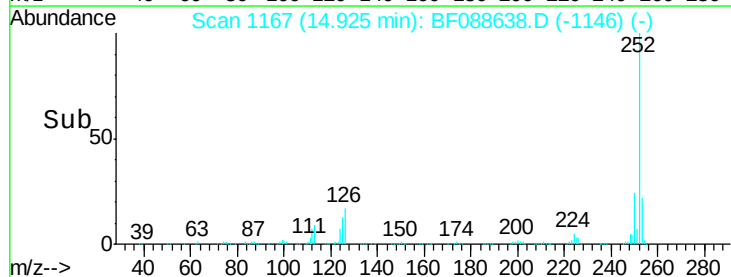
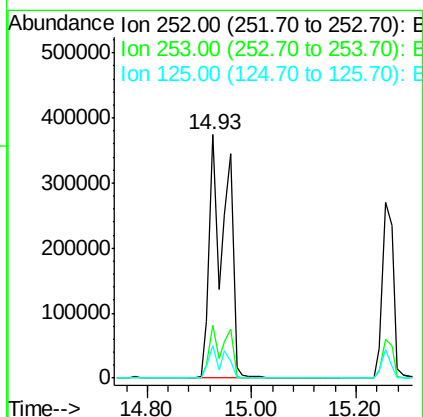
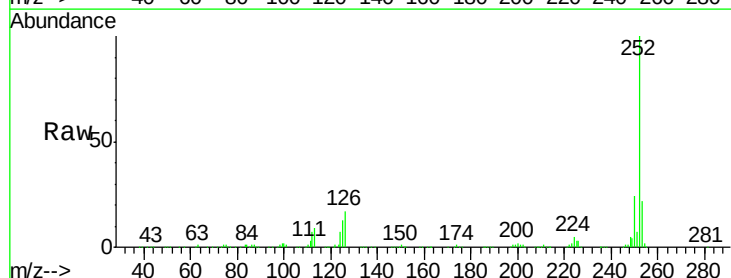
Instrument :
BNA_F
ClientSampled :

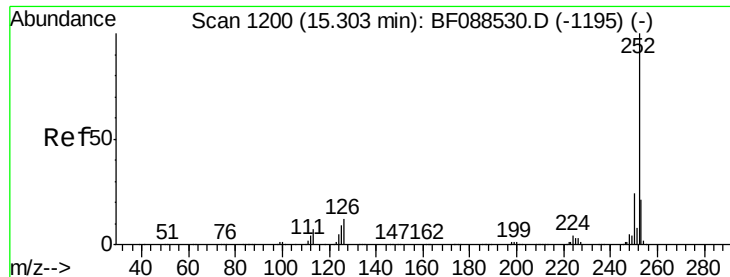
Tot Ion:252 Resp: 843211
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 13.3 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 47.07 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.06 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Tgt Ion:252 Resp: 843211
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 13.3 11.2 16.8

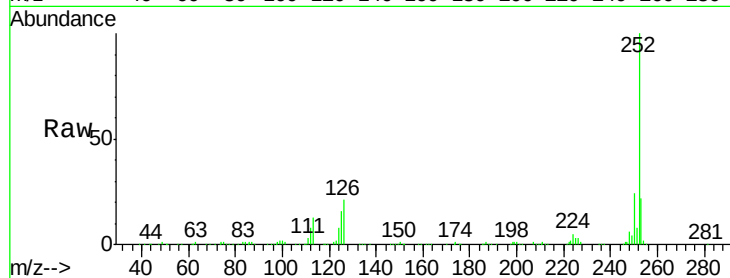




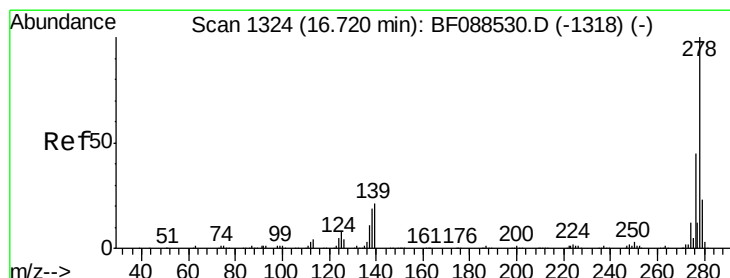
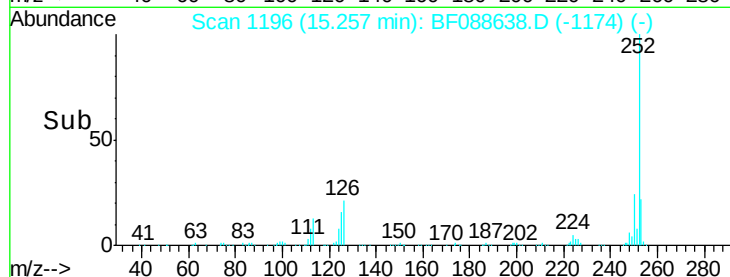
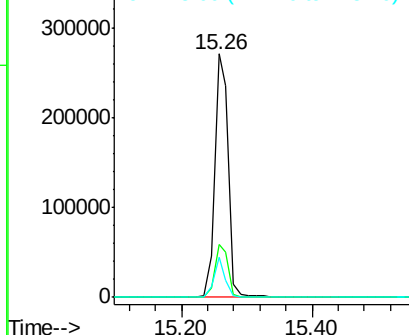
#89
Benzo(a)pyrene
Concen: 22.95 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 399868
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 16.4 12.5 18.7

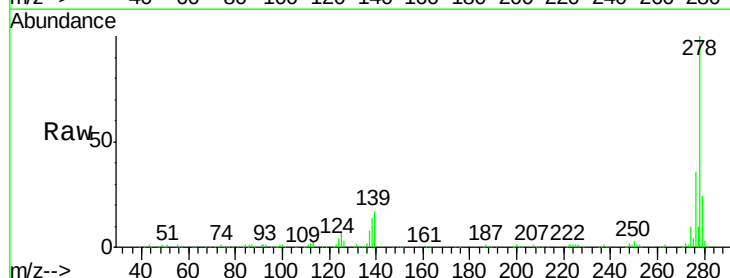


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

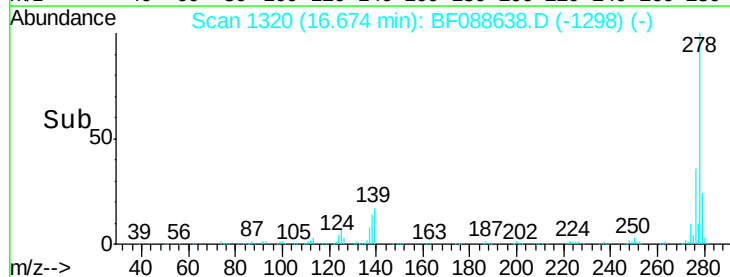
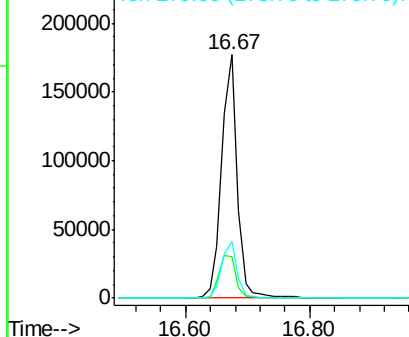


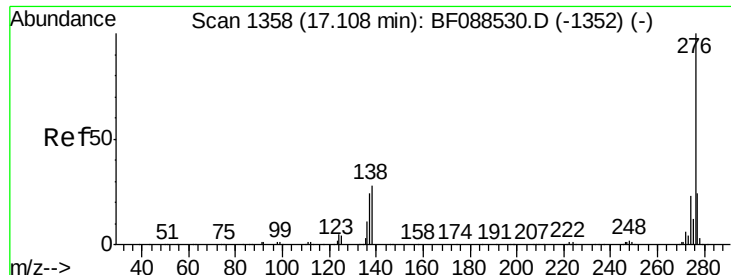
#90
Dibenzo(a,h)anthracene
Concen: 21.13 ng
RT: 16.67 min Scan# 1320
Delta R.T. -0.05 min
Lab File: BF088638.D
Acq: 3 Jul 2016 9:44

Tgt Ion:278 Resp: 307472
Ion Ratio Lower Upper
278 100
139 17.1 15.7 23.5
279 23.5 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: 20.02 ng

RT: 17.05 min Scan# 1353

Delta R.T. -0.06 min

Lab File: BF088638.D

Acq: 3 Jul 2016 9:44

Instrument :

BNA_F

ClientSampleId :

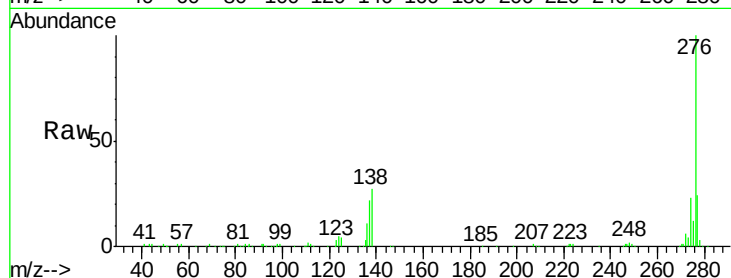
Tot Ion: 276 Resp: 301493

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 27.2 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

