

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089202.D
 Acq On : 22 Jul 2016 19:46
 Operator : UM/SJ
 Sample : PB92323BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

Quant Time: Jul 25 00:53:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	49295	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	205810	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	99577	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	198007	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	139406	20.00	ng	-0.01
86) Perylene-d12	15.05	264	112653	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	419071	129.29	ng	-0.01
7) Phenol-d6	6.25	99	531305	127.11	ng	-0.02
23) Nitrobenzene-d5	7.15	82	334042	86.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	121073	135.05	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	616288	85.27	ng	-0.02
78) Terphenyl-d14	12.67	244	582370	90.61	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.10	88	45489	32.32	ng	# 90
3) Pyridine	2.71	79	118109	33.04	ng	98
4) n-Nitrosodimethylamine	2.68	42	52353	34.79	ng	98
6) Aniline	6.25	93	158688	28.10	ng	# 67
8) 2-Chlorophenol	6.36	128	149377	41.53	ng	# 81
9) Benzaldehyde	6.12	77	49652	19.90	ng	99
10) Phenol	6.26	94	200149	41.56	ng	98
11) bis(2-Chloroethyl)ether	6.33	93	159975	44.23	ng	97
12) 1,3-Dichlorobenzene	6.59	146	147190	37.06	ng	97
13) 1,4-Dichlorobenzene	6.59	146	153886	38.47	ng	99
14) 1,2-Dichlorobenzene	6.75	146	153913	40.81	ng	98
15) Benzyl Alcohol	6.74	79	132269	43.21	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.88	45	168933	41.00	ng	# 56
17) 2-Methylphenol	6.87	107	120009	42.36	ng	98
18) Hexachloroethane	7.08	117	59941	39.87	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	114580	41.91	ng	99
20) 3+4-Methylphenols	7.03	107	158520	41.21	ng	94
22) Acetophenone	7.00	105	225631	41.05	ng	# 98
24) Nitrobenzene	7.18	77	165374	40.48	ng	99
25) Isophorone	7.42	82	305176	42.75	ng	99
26) 2-Nitrophenol	7.50	139	79700	41.83	ng	# 77
27) 2,4-Dimethylphenol	7.54	122	123042	38.33	ng	99
28) bis(2-Chloroethoxy)methane	7.63	93	193855	43.41	ng	100
29) 2,4-Dichlorophenol	7.74	162	125976	43.54	ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	132508	41.38	ng	98
31) Naphthalene	7.88	128	446421	40.19	ng	100
32) Benzoic acid	7.70	122	87297	35.36	ng	92
33) 4-Chloroaniline	7.95	127	132512	28.37	ng	97
34) Hexachlorobutadiene	8.01	225	68774	38.58	ng	99
35) Caprolactam	8.33	113	19472	21.67	ng	97
36) 4-Chloro-3-methylphenol	8.44	107	144854	41.56	ng	97
37) 2-Methylnaphthalene	8.58	142	305035	43.06	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	125154	33.82	ng	99
40) Hexachlorocyclopentadiene	8.73	237	96605	78.18	ng	99

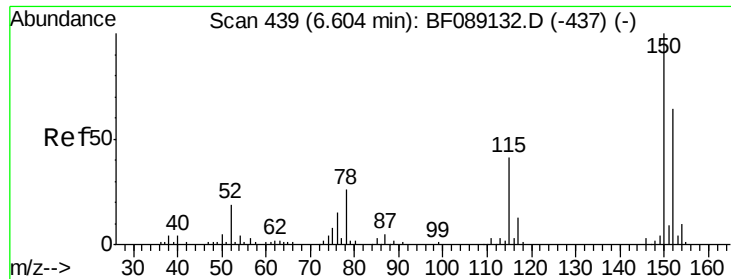
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	84325	40.71	ng	98
43) 2,4,5-Trichlorophenol	8.91	196	97586	46.93	ng #	93
45) 1,1'-Biphenyl	9.05	154	350121	39.04	ng	96
46) 2-Chloronaphthalene	9.06	162	270621	39.71	ng	98
47) 2-Nitroaniline	9.18	65	93699	40.08	ng #	75
48) Acenaphthylene	9.47	152	421305	39.32	ng	99
49) Dimethylphthalate	9.36	163	336913	44.09	ng	99
50) 2,6-Dinitrotoluene	9.42	165	74707	43.30	ng #	73
51) Acenaphthene	9.64	154	246954	38.97	ng	99
52) 3-Nitroaniline	9.59	138	62073	30.30	ng	85
53) 2,4-Dinitrophenol	9.70	184	69023	78.62	ng #	89
54) Dibenzofuran	9.82	168	383961	44.84	ng	95
55) 4-Nitrophenol	9.78	139	82504	66.56	ng	89
56) 2,4-Dinitrotoluene	9.83	165	98762	44.44	ng #	71
57) Fluorene	10.16	166	298744	41.10	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	71901	48.14	ng	97
59) Diethylphthalate	10.06	149	363611	47.99	ng	99
60) 4-Chlorophenyl-phenylether	10.16	204	146702	44.21	ng #	84
61) 4-Nitroaniline	10.20	138	81183	40.73	ng	98
62) Azobenzene	10.32	77	394142	47.86	ng	92
64) 4,6-Dinitro-2-methylphenol	10.23	198	48289	41.89	ng #	32
65) n-Nitrosodiphenylamine	10.28	169	290853	43.95	ng	98
66) 4-Bromophenyl-phenylether	10.64	248	80956	41.32	ng #	81
67) Hexachlorobenzene	10.71	284	88520	42.00	ng #	85
68) Atrazine	10.82	200	83726	40.46	ng	94
69) Pentachlorophenol	10.90	266	82708	85.07	ng	97
70) Phenanthrene	11.12	178	454452	41.84	ng	99
71) Anthracene	11.16	178	489901	43.39	ng	99
72) Carbazole	11.32	167	424585	42.81	ng	99
73) Di-n-butylphthalate	11.67	149	563957	45.98	ng	99
74) Fluoranthene	12.30	202	480280	42.07	ng	92
76) Benzidine	12.42	184	175663	36.65	ng	98
77) Pyrene	12.51	202	447785	38.89	ng	99
79) Butylbenzylphthalate	13.15	149	235964	48.45	ng #	79
80) Benzo(a)anthracene	13.70	228	366949	41.33	ng	100
81) 3,3'-Dichlorobenzidine	13.67	252	99305	33.72	ng #	96
82) Chrysene	13.74	228	324051	38.21	ng	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	311622	48.24	ng #	97
84) Di-n-octyl phthalate	14.32	149	481815	45.20	ng	98
85) Indeno(1,2,3-cd)pyrene	16.27	276	268692	43.62	ng	99
87) Benzo(b)fluoranthene	14.70	252	606762	74.36	ng #	96
88) Benzo(k)fluoranthene	14.70	252	606762	103.99	ng #	97
89) Benzo(a)pyrene	15.01	252	291413	46.01	ng #	95
90) Dibenzo(a,h)anthracene	16.29	278	226584	45.31	ng #	95
91) Benzo(g,h,i)perylene	16.64	276	219871	43.60	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

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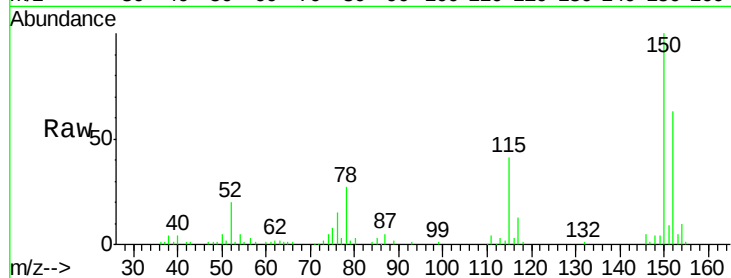
Tgt Ion:152 Resp: 49295

Ion Ratio Lower Upper

152 100

150 157.6 125.1 187.7

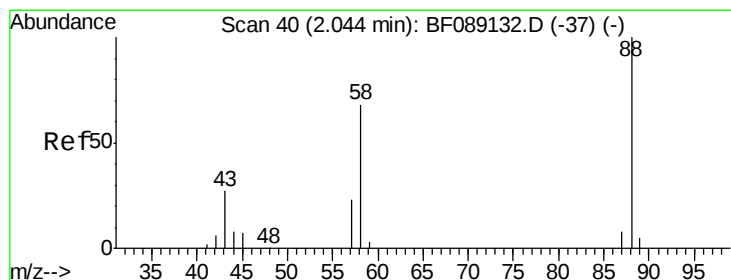
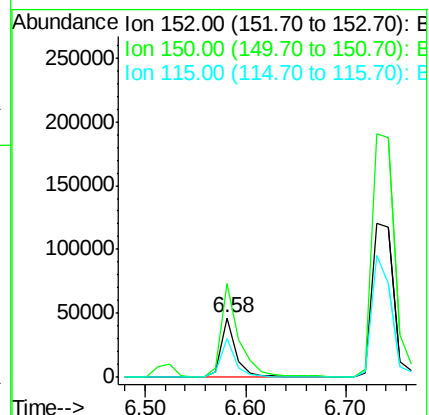
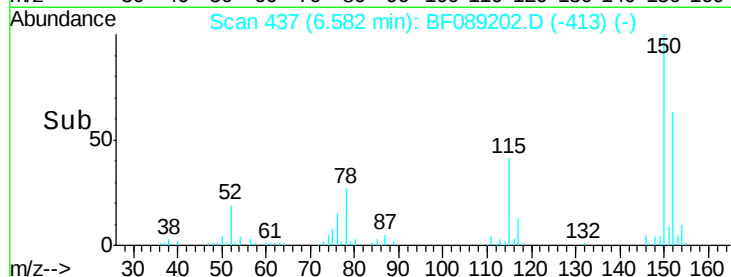
115 65.0 51.1 76.7



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: 32.32 ng

RT: 2.10 min Scan# 45

Delta R.T. 0.06 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

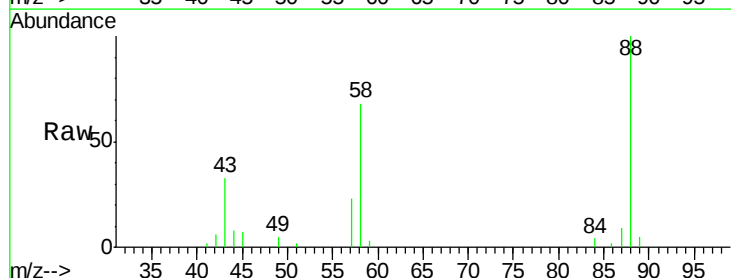
Tgt Ion: 88 Resp: 45489

Ion Ratio Lower Upper

88 100

58 68.5 49.2 73.8

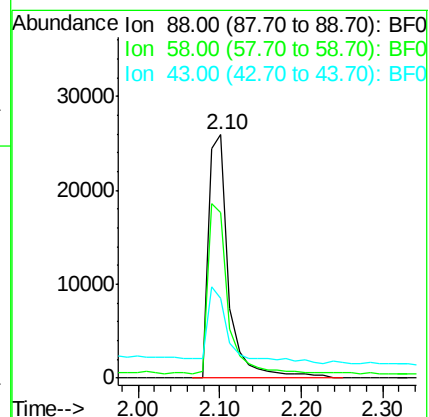
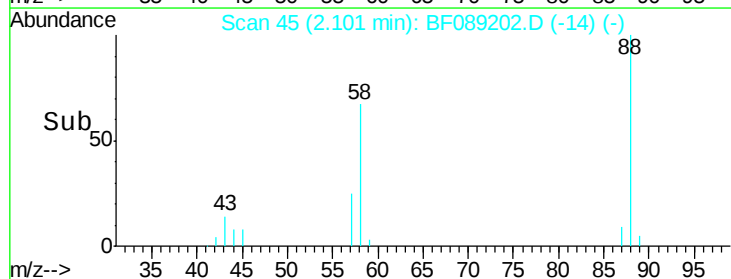
43 32.3 20.6 30.8#

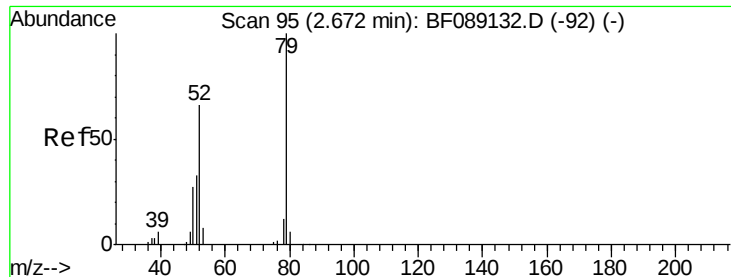


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.04 ng

RT: 2.71 min Scan# 98

Delta R.T. 0.03 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

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PB92323BS

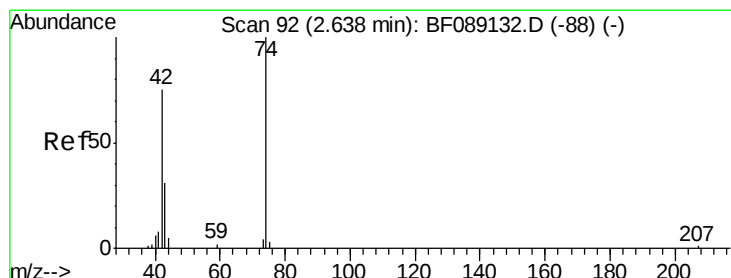
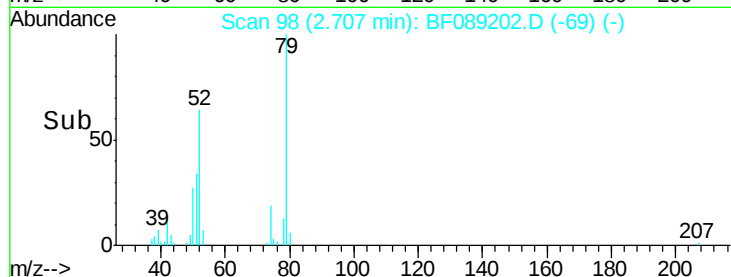
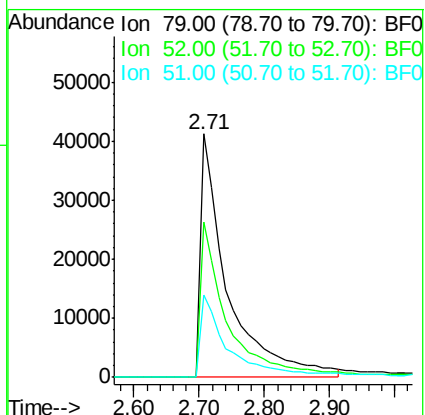
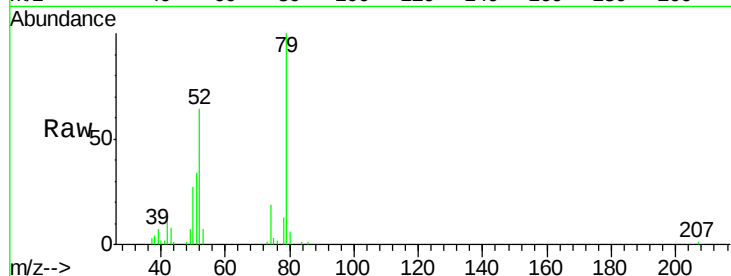
Tgt Ion: 79 Resp: 118109

Ion Ratio Lower Upper

79 100

52 63.9 52.9 79.3

51 33.8 27.0 40.6



#4

n-Nitrosodimethylamine

Concen: 34.79 ng

RT: 2.68 min Scan# 96

Delta R.T. 0.05 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

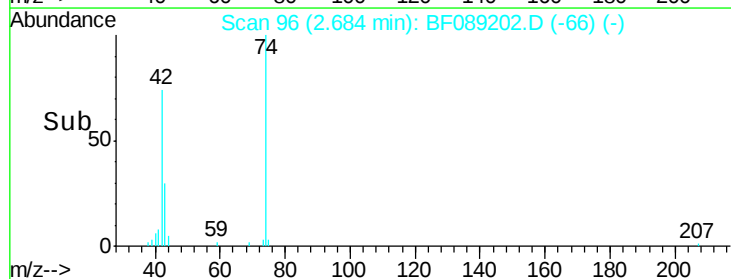
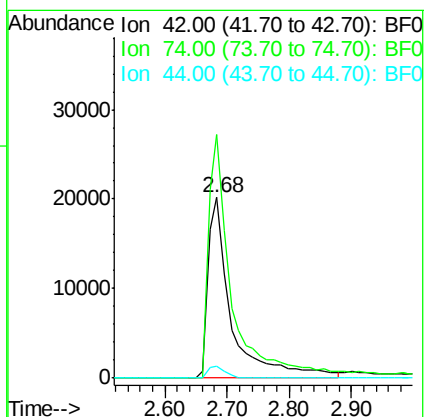
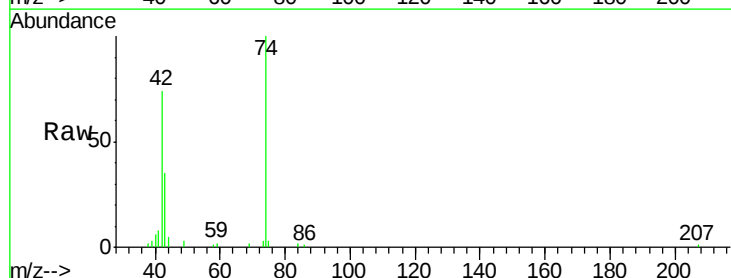
Tgt Ion: 42 Resp: 52353

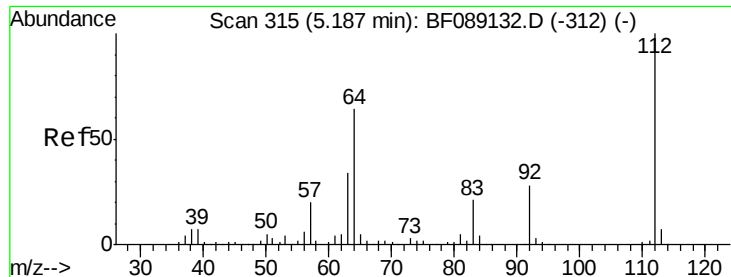
Ion Ratio Lower Upper

42 100

74 135.0 106.4 159.6

44 6.4 5.2 7.8





#5

2-Fluorophenol

Concen: 129.29 ng

RT: 5.18 min Scan# 314

Delta R.T. -0.01 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

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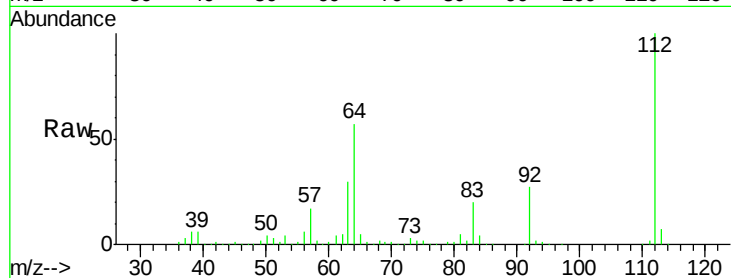
Tgt Ion: 112 Resp: 419071

Ion Ratio Lower Upper

112 100

64 56.5 51.0 76.4

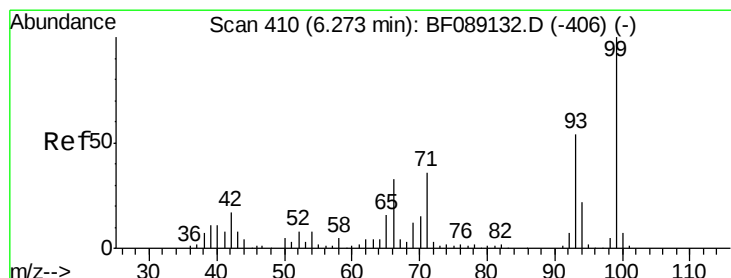
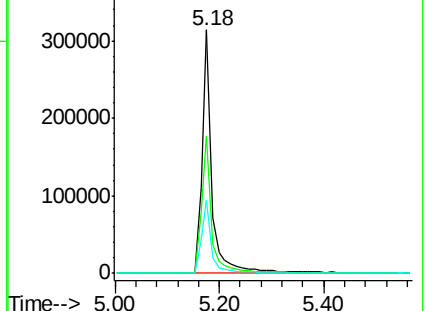
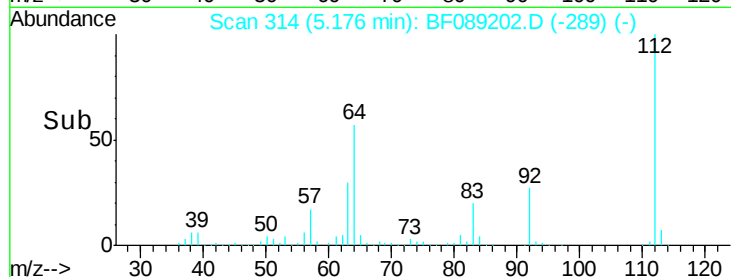
63 30.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.10 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

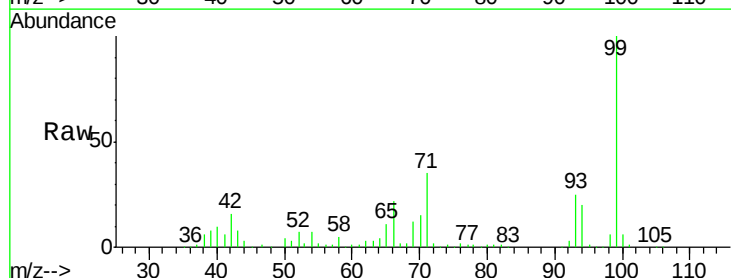
Tgt Ion: 93 Resp: 158688

Ion Ratio Lower Upper

93 100

66 88.7 48.9 73.3#

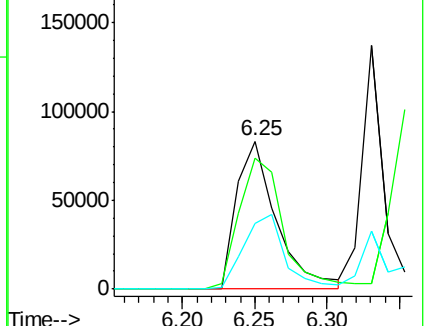
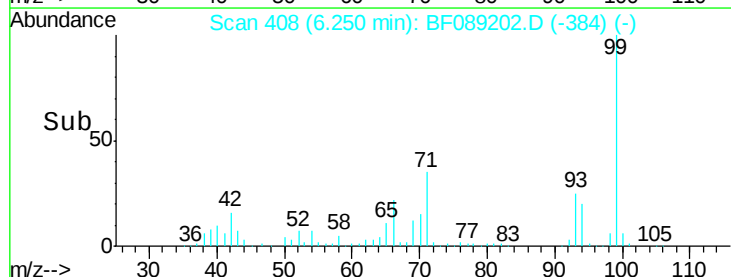
65 44.6 23.9 35.9#

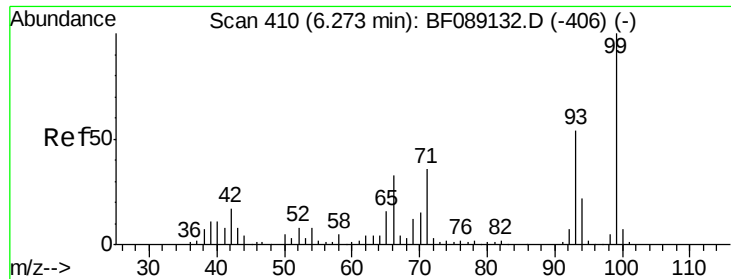


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.11 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

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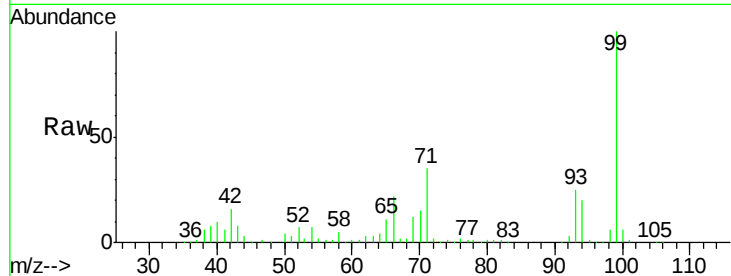
Tgt Ion: 99 Resp: 531305

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

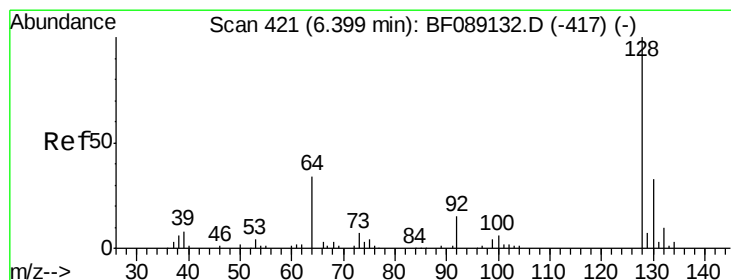
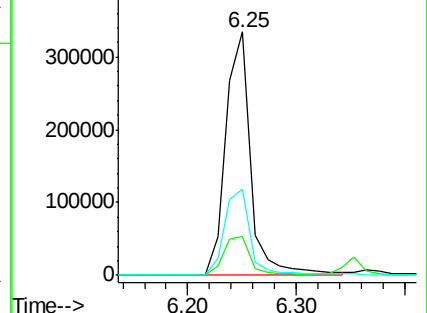
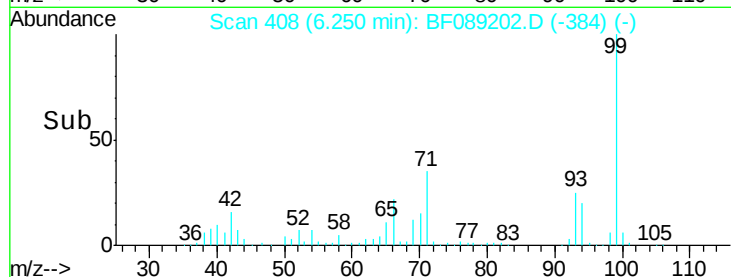
71 35.4 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.53 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

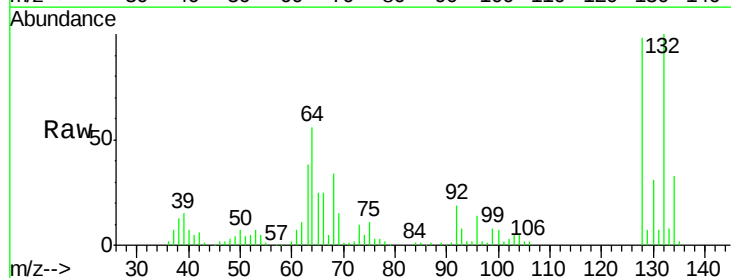
Tgt Ion: 128 Resp: 149377

Ion Ratio Lower Upper

128 100

130 31.4 12.6 52.6

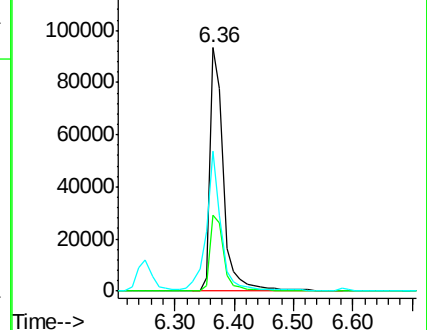
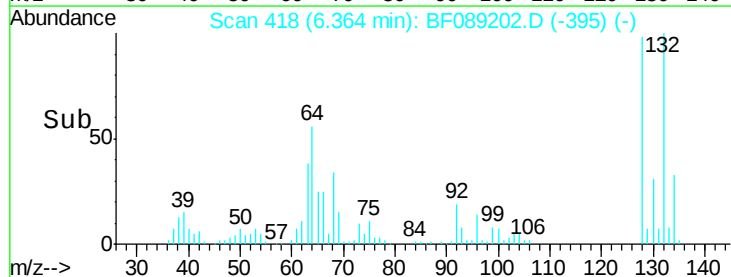
64 57.7 17.5 57.5#

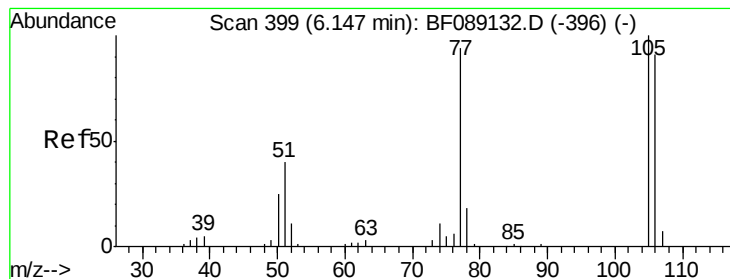


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.90 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.02 min

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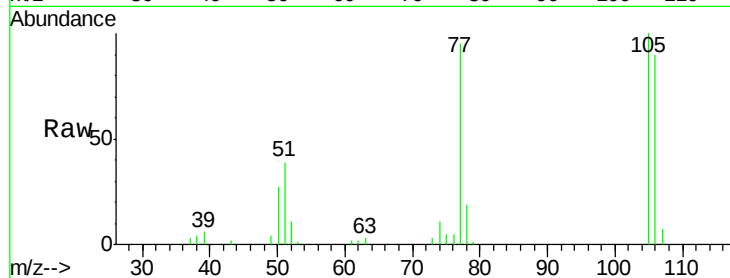
Tgt Ion: 77 Resp: 49652

Ion Ratio Lower Upper

77 100

105 104.9 86.2 126.2

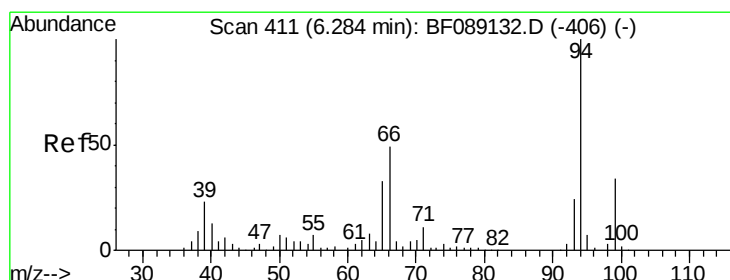
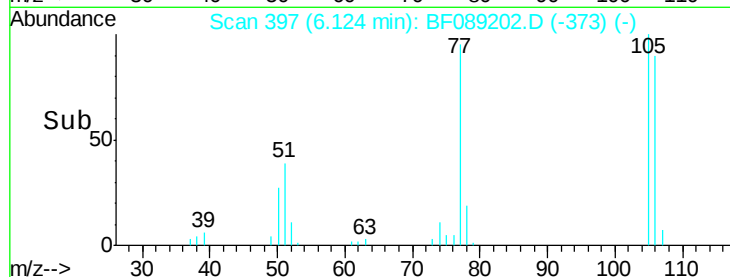
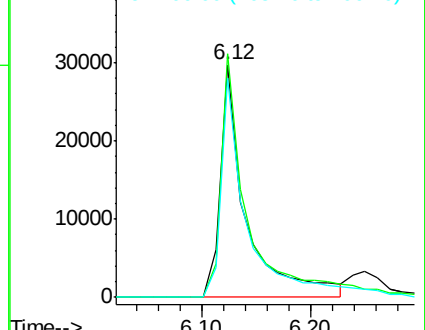
106 94.7 76.3 116.3



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: 41.56 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

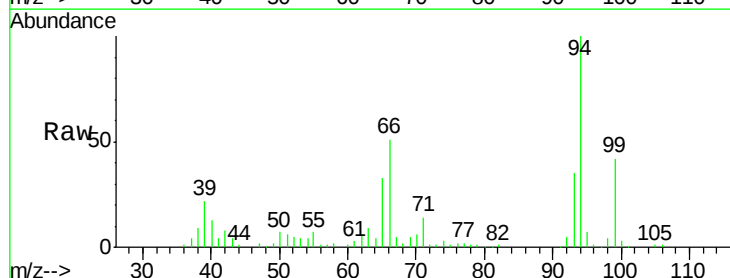
Tgt Ion: 94 Resp: 200149

Ion Ratio Lower Upper

94 100

65 32.7 13.3 53.3

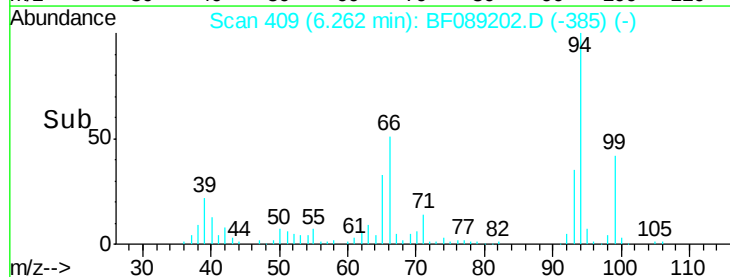
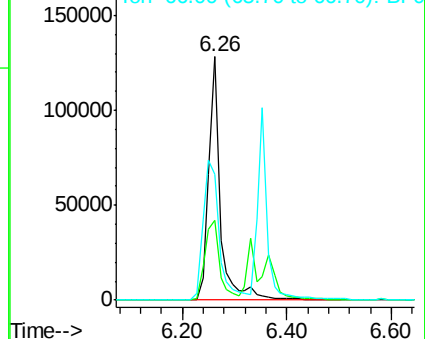
66 51.4 29.3 69.3

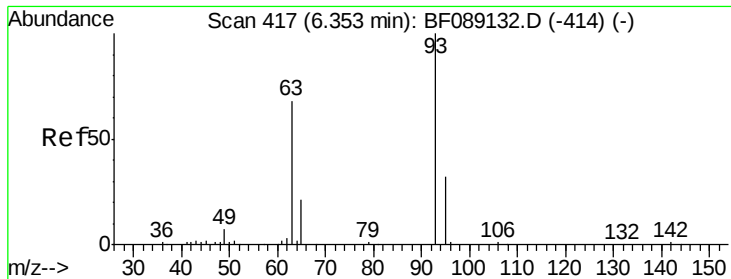


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.23 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

PB92323BS

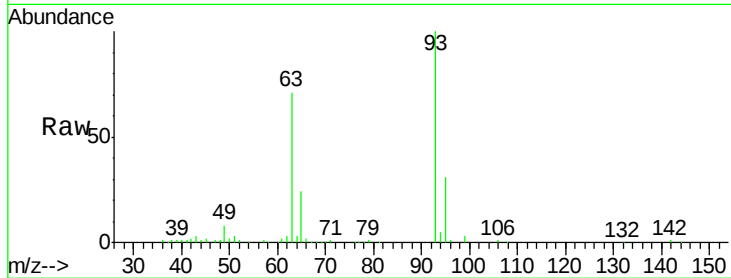
Tgt Ion: 93 Resp: 159975

Ion Ratio Lower Upper

93 100

63 70.7 47.3 87.3

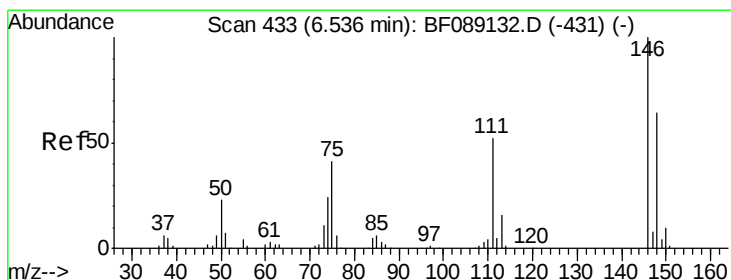
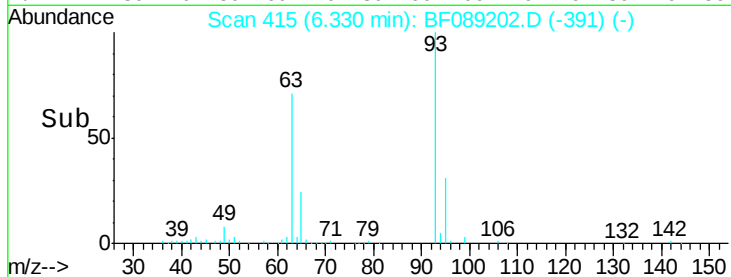
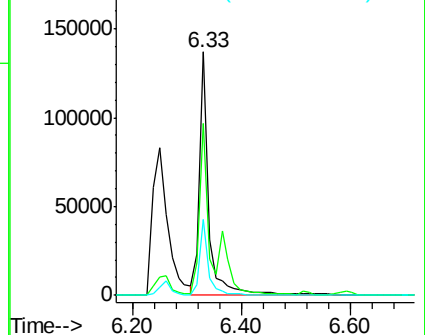
95 31.2 11.8 51.8



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: 37.06 ng

RT: 6.59 min Scan# 438

Delta R.T. 0.06 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

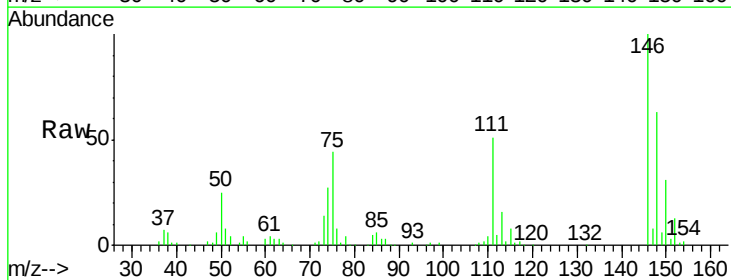
Tgt Ion: 146 Resp: 147190

Ion Ratio Lower Upper

146 100

148 62.6 51.0 76.6

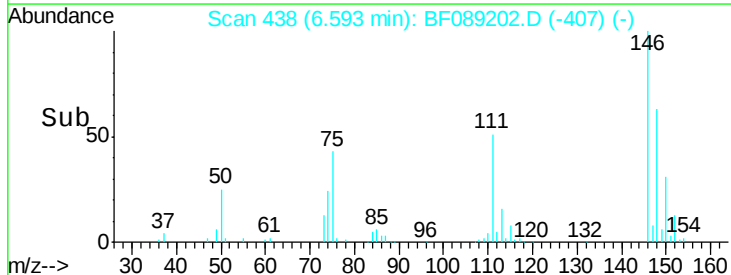
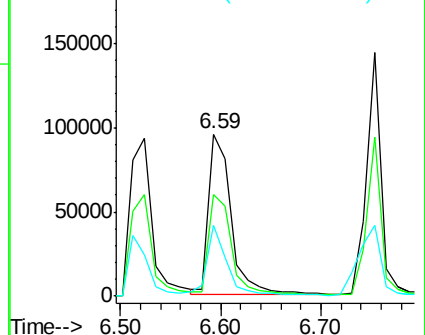
75 43.7 32.5 48.7

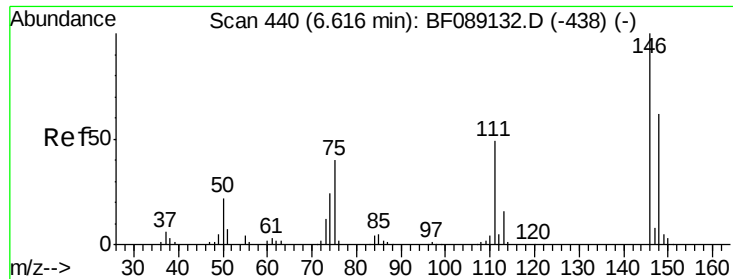


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

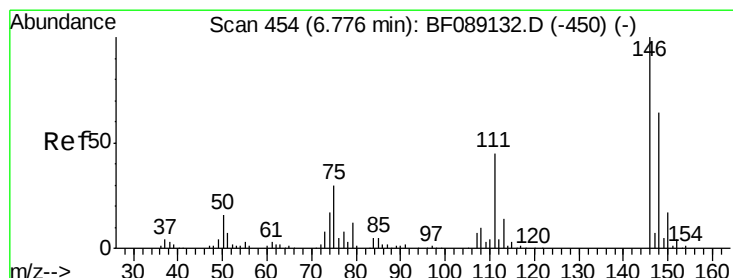
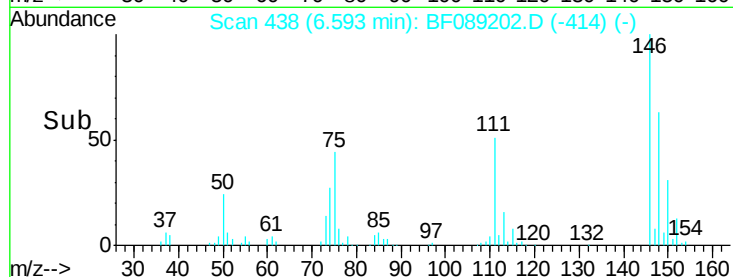
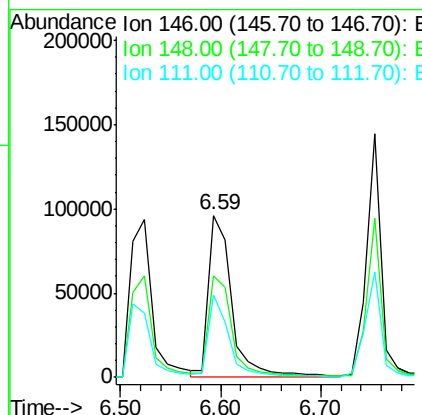
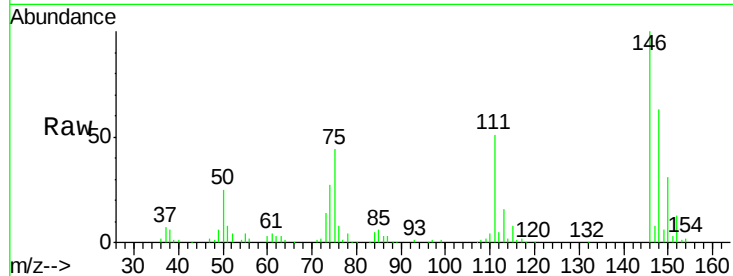




#13
 1,4-Dichlorobenzene
 Concen: 38.47 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

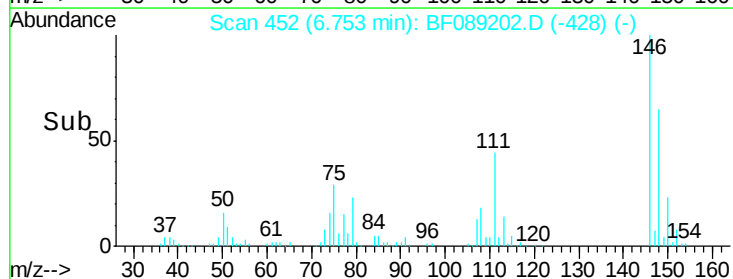
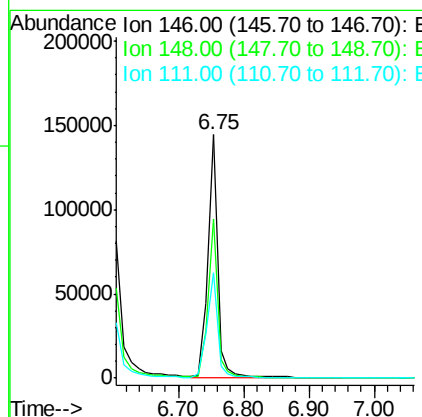
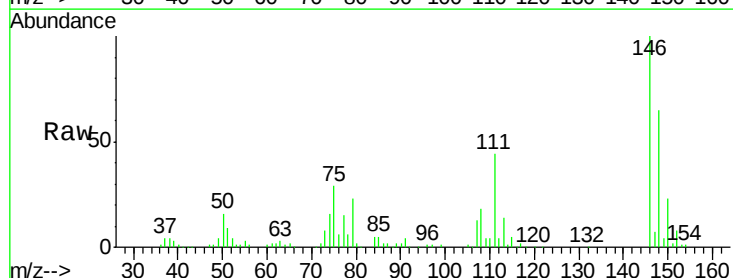
Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

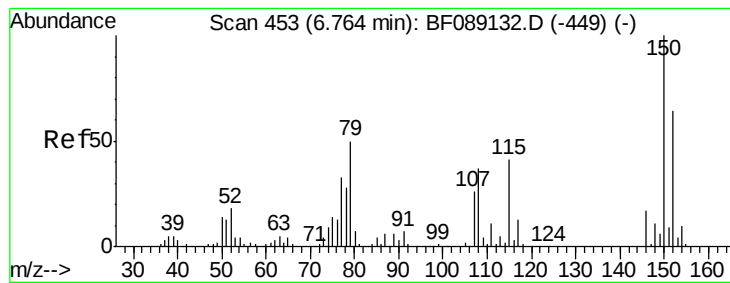
Tgt Ion:146 Resp: 153886
 Ion Ratio Lower Upper
 146 100
 148 62.6 49.9 74.9
 111 50.5 39.8 59.6



#14
 1,2-Dichlorobenzene
 Concen: 40.81 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion:146 Resp: 153913
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.4 77.0
 111 43.5 35.9 53.9





#15

Benzyl Alcohol

Concen: 43.21 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

PB92323BS

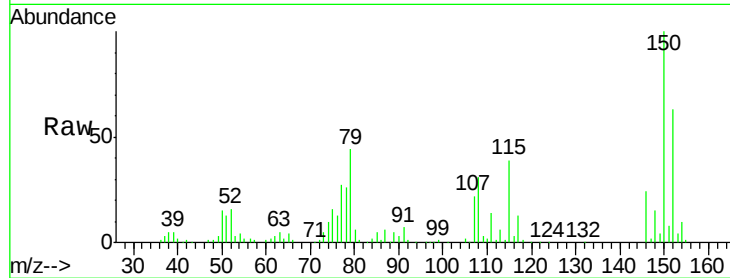
Tgt Ion: 79 Resp: 132269

Ion Ratio Lower Upper

79 100

108 70.9 58.2 87.4

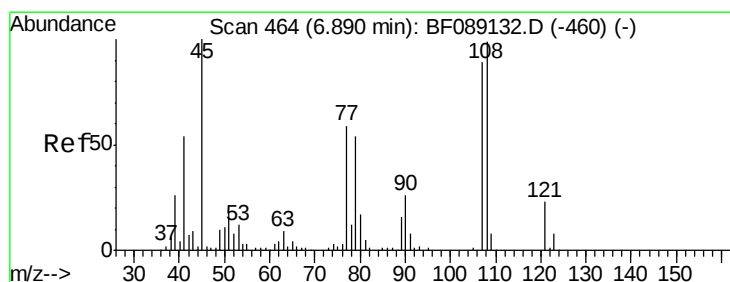
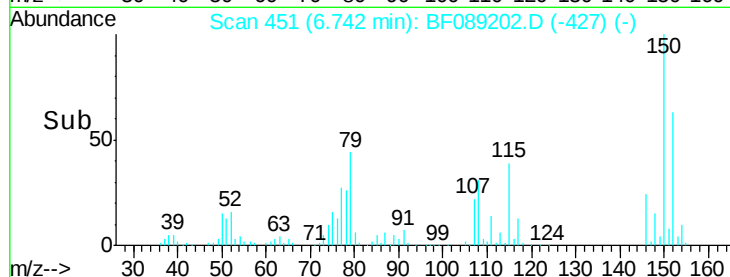
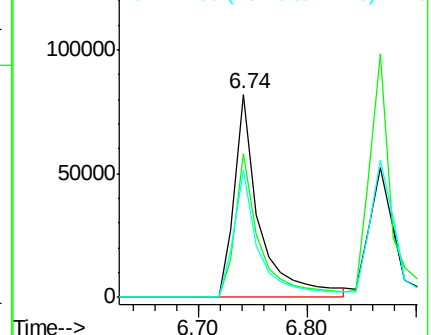
77 62.8 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.00 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

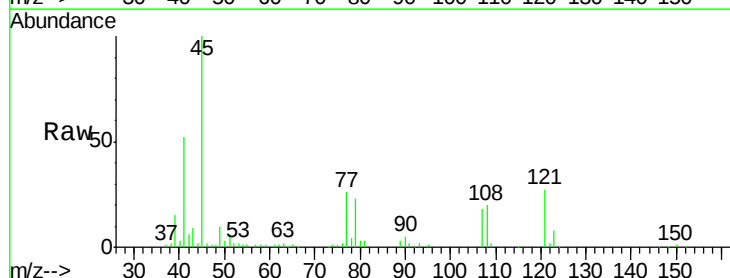
Tgt Ion: 45 Resp: 168933

Ion Ratio Lower Upper

45 100

77 26.3 39.7 79.7#

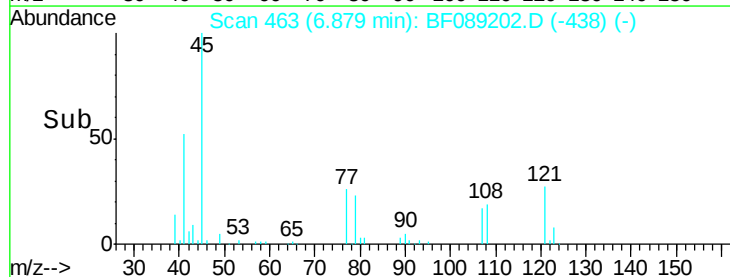
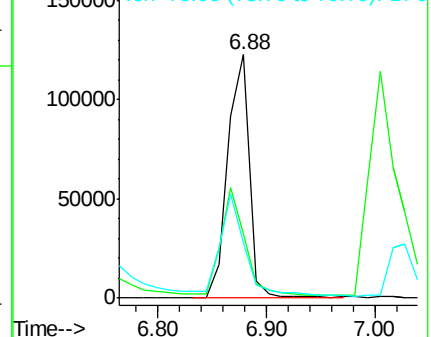
79 22.8 34.7 74.7#

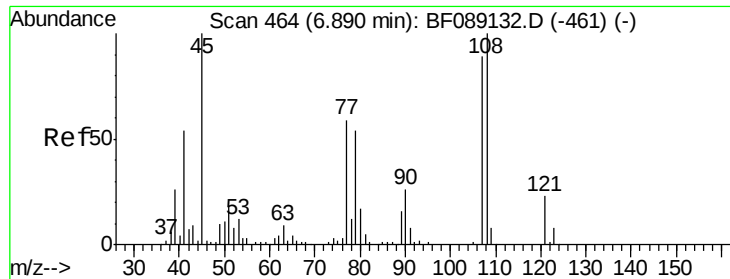


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

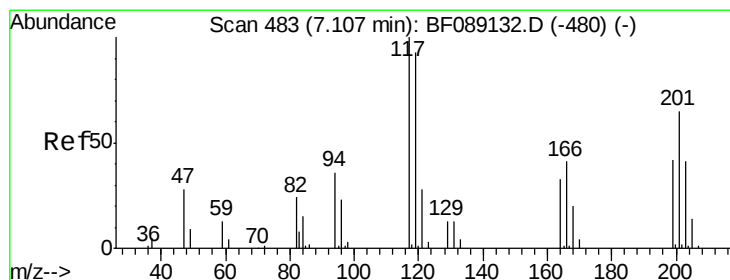
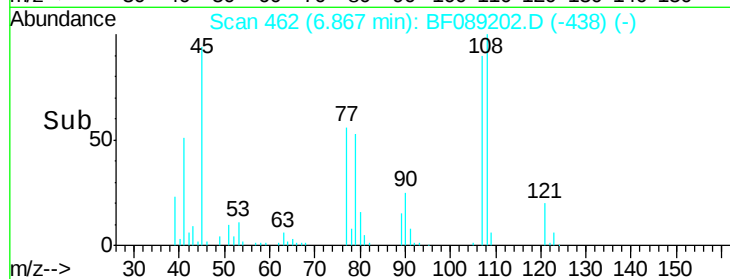
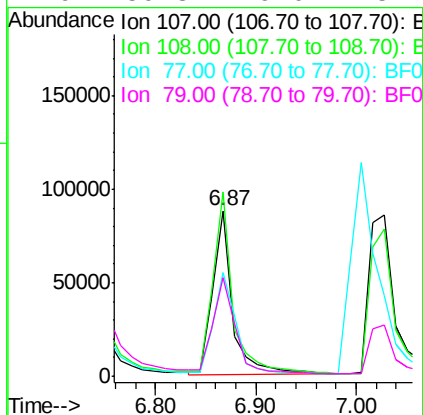
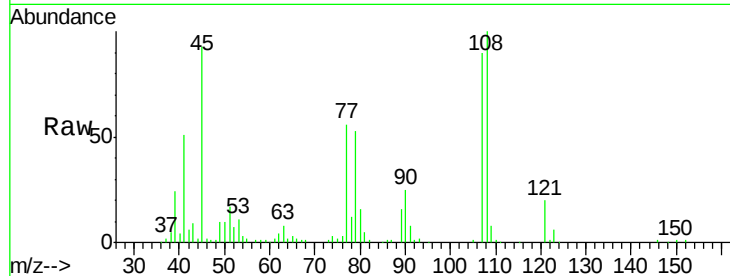




#17
2-Methylphenol
Concen: 42.36 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

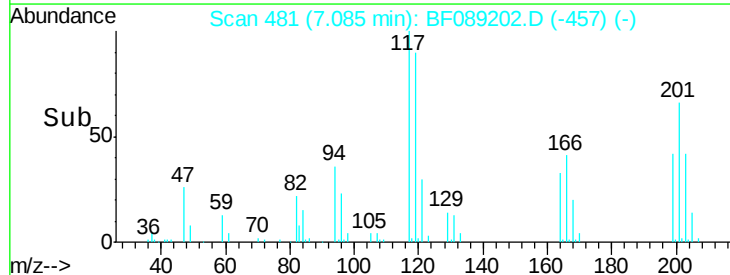
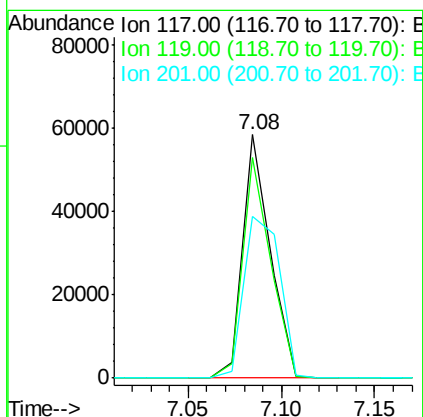
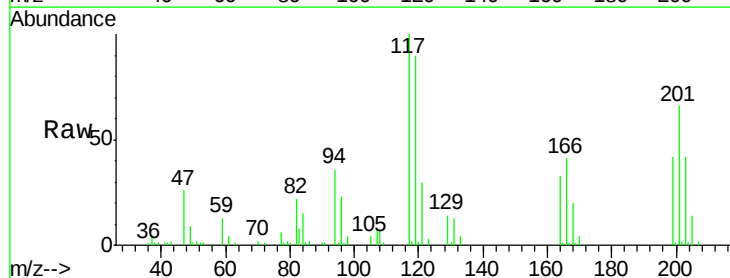
Instrument :
BNA_F
ClientSampleId :
PB92323BS

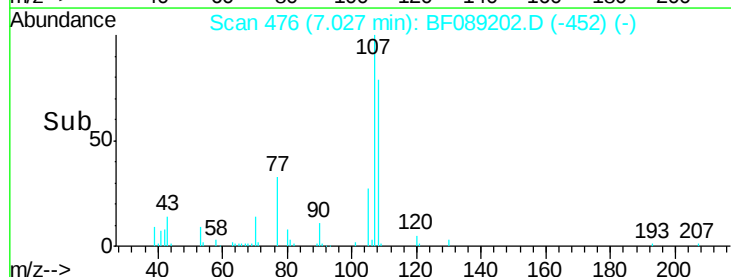
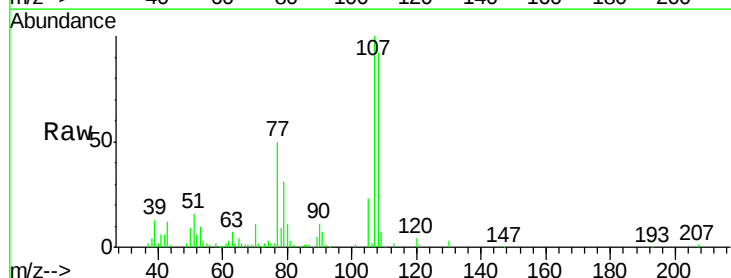
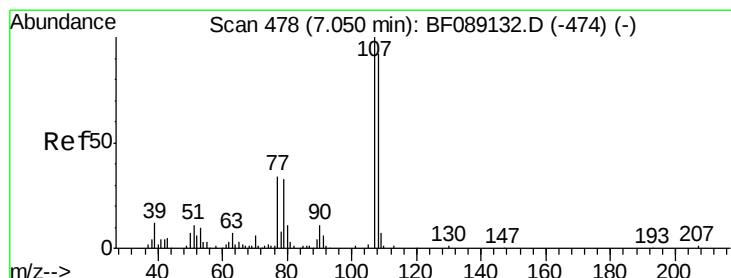
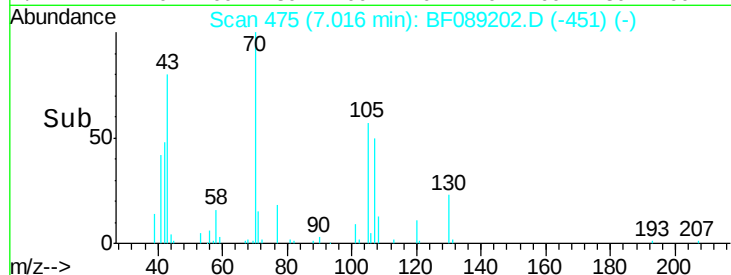
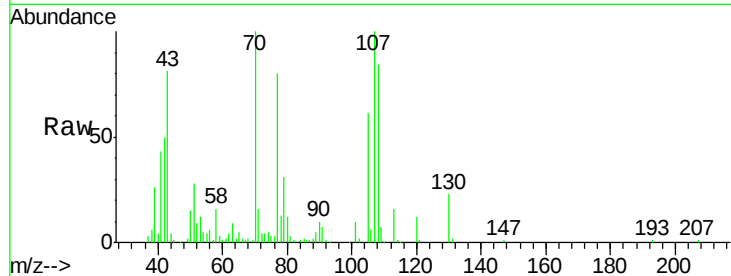
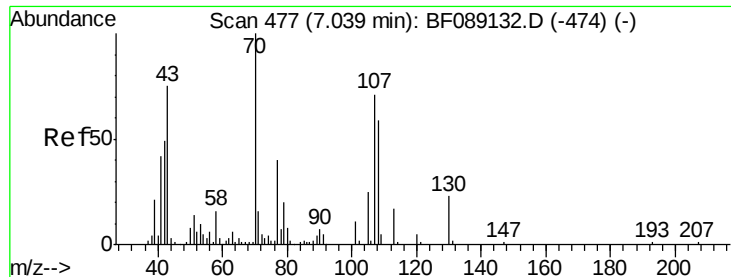
Tgt Ion:107 Resp: 120009
Ion Ratio Lower Upper
107 100
108 111.2 89.4 134.2
77 62.8 53.4 80.0
79 59.3 49.0 73.4



#18
Hexachloroethane
Concen: 39.87 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:117 Resp: 59941
Ion Ratio Lower Upper
117 100
119 90.4 74.5 111.7
201 66.3 51.8 77.6

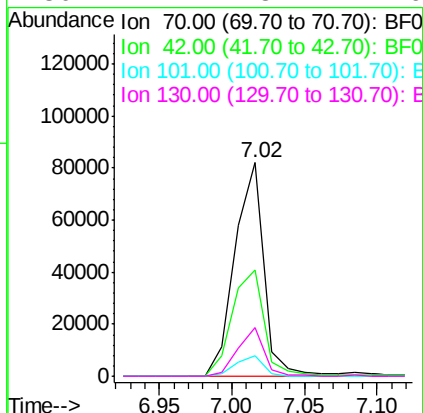




#19
n-Nitroso-di-n-propylamine
Concen: 41.91 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

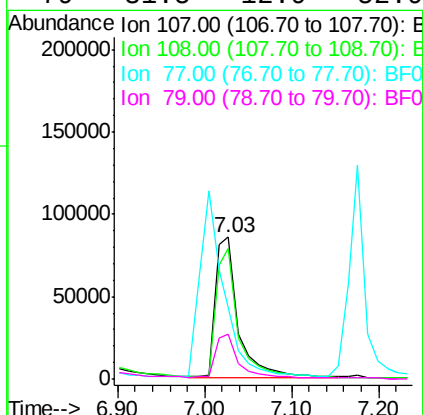
Instrument :
BNA_F
ClientSampleId :
PB92323BS

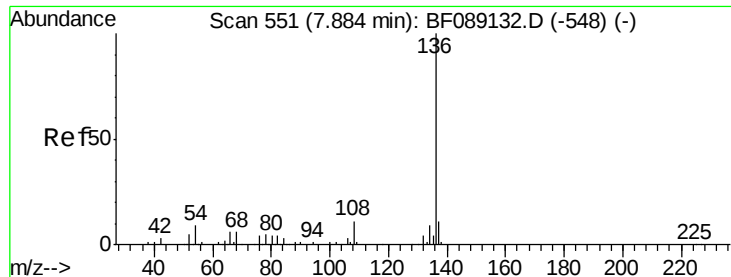
Tgt Ion: 70 Resp: 114580
Ion Ratio Lower Upper
70 100
42 49.6 39.2 58.8
101 9.9 8.5 12.7
130 22.7 18.4 27.6



#20
3+4-Methylphenols
Concen: 41.21 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:107 Resp: 158520
Ion Ratio Lower Upper
107 100
108 91.8 72.5 112.5
77 50.3 17.7 57.7
79 31.5 12.9 52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

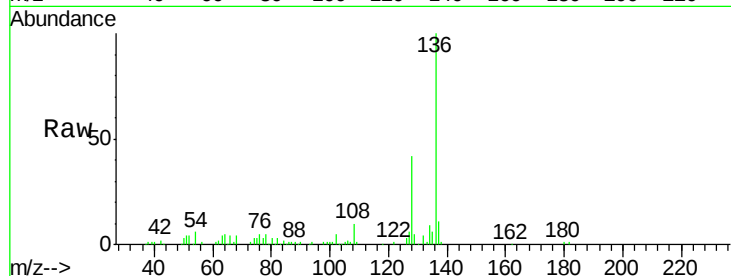
Instrument :

BNA_F

ClientSampleId :

PB92323BS

Tgt Ion:	136	Resp:	205810
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.8	13.2
54	5.6	7.0	10.4#
68	4.4	5.0	7.6#

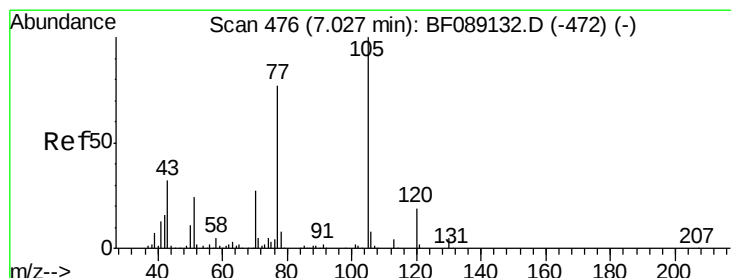
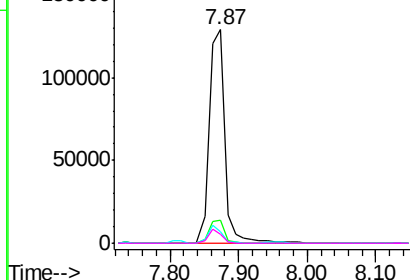
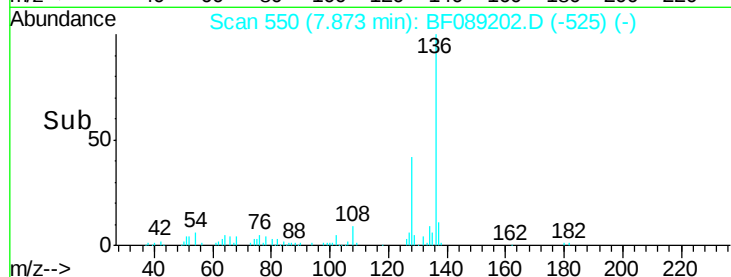


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.05 ng

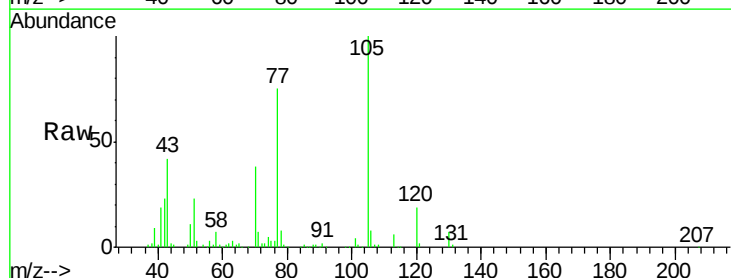
RT: 7.00 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Tgt Ion:	105	Resp:	225631
Ion Ratio	Lower	Upper	
105	100		
71	6.5	3.8	5.6#
51	23.4	19.6	29.4
120	19.2	15.5	23.3

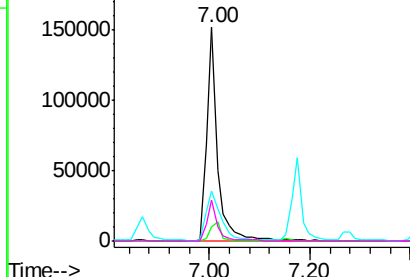
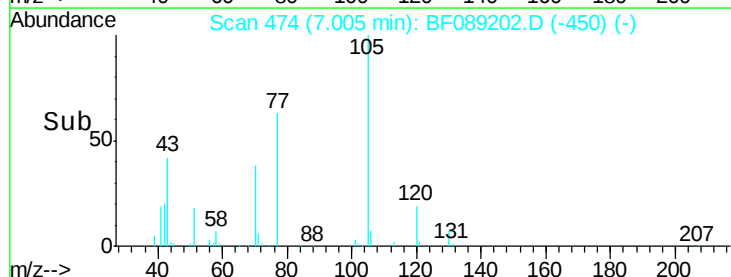


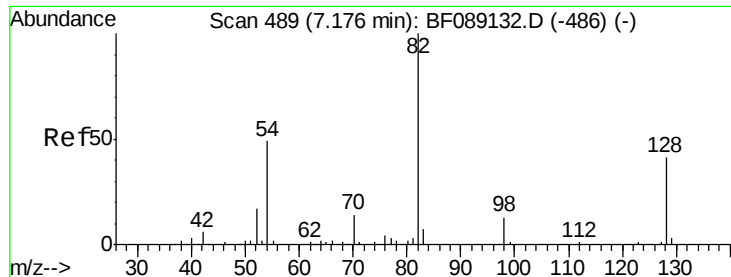
Abundance Ion 105.00 (104.70 to 105.70): E

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

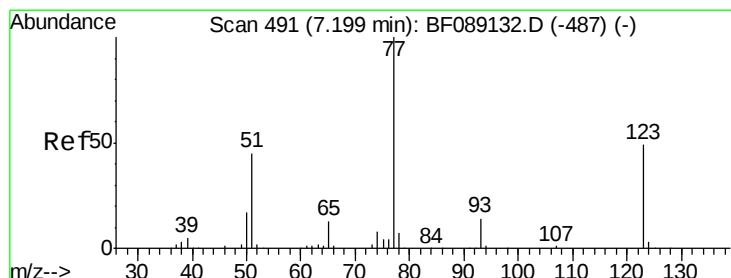
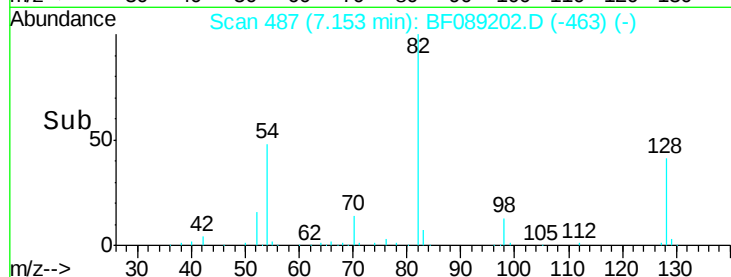
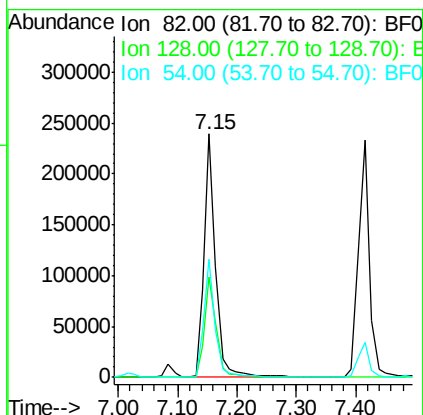
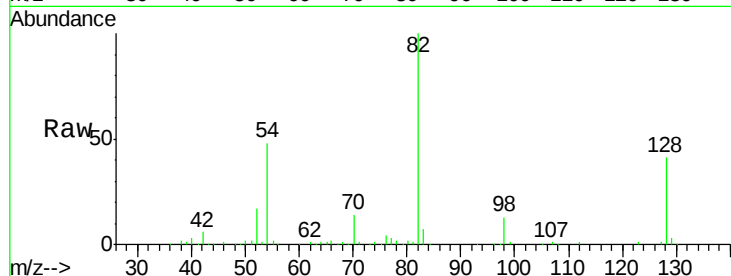




#23
 Nitrobenzene-d5
 Concen: 86.24 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

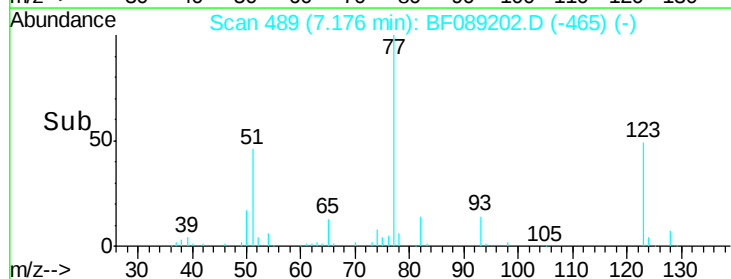
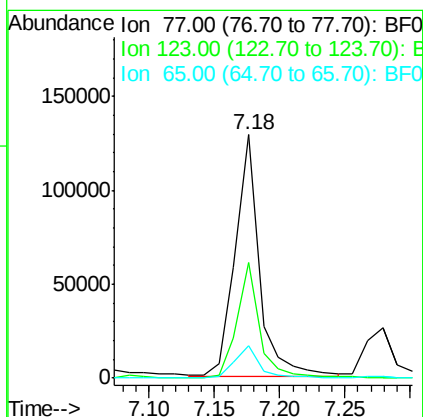
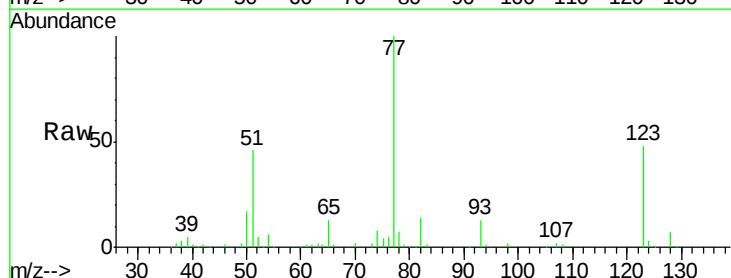
Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

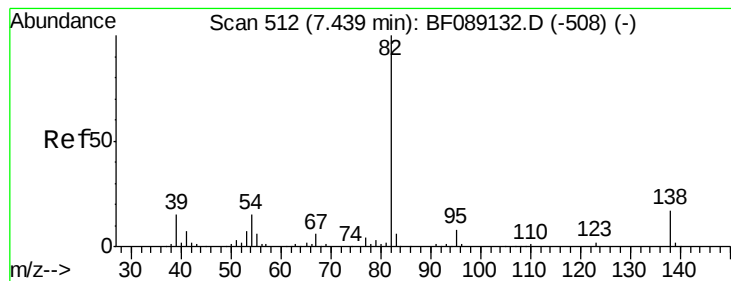
Tgt Ion: 82 Resp: 334042
 Ion Ratio Lower Upper
 82 100
 128 41.3 33.0 49.6
 54 48.4 39.0 58.4



#24
 Nitrobenzene
 Concen: 40.48 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion: 77 Resp: 165374
 Ion Ratio Lower Upper
 77 100
 123 47.5 38.9 58.3
 65 13.1 10.6 15.8





#25

Isophorone

Concen: 42.75 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

PB92323BS

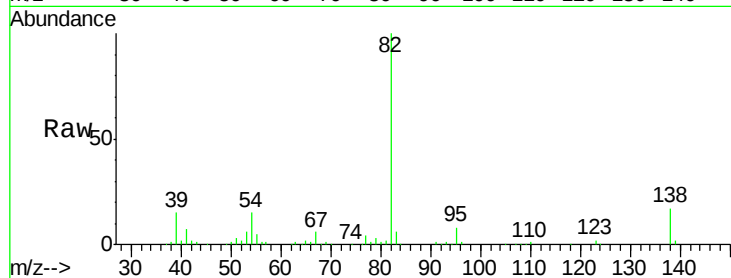
Tgt Ion: 82 Resp: 305176

Ion Ratio Lower Upper

82 100

95 7.9 6.1 9.1

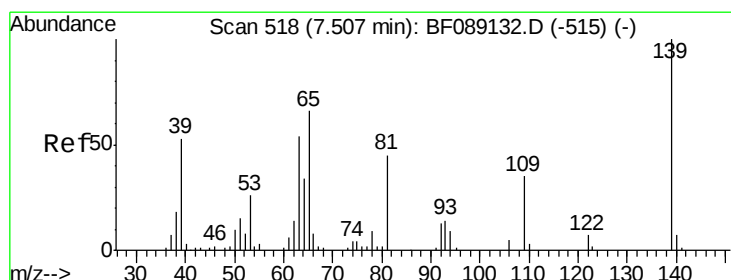
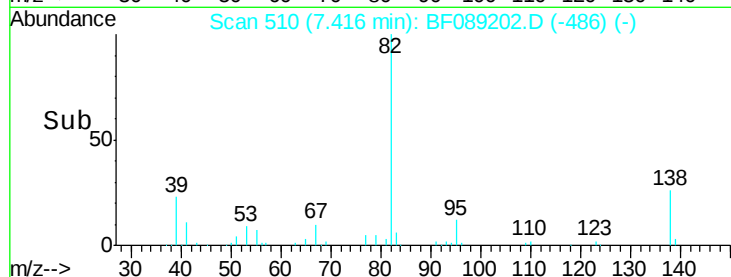
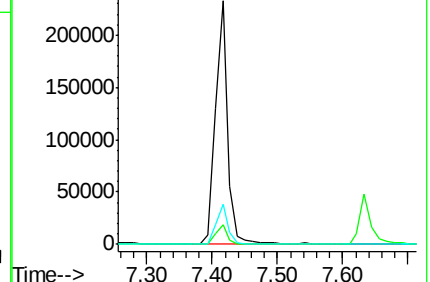
138 16.5 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.83 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

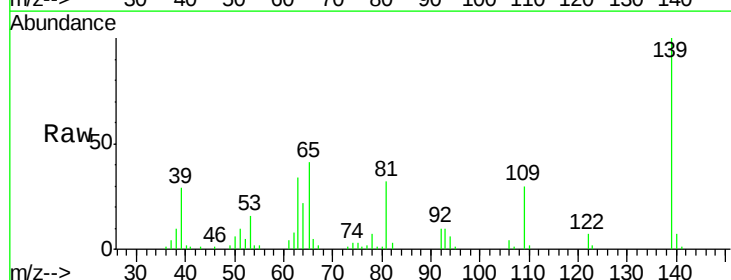
Tgt Ion: 139 Resp: 79700

Ion Ratio Lower Upper

139 100

109 29.8 28.1 42.1

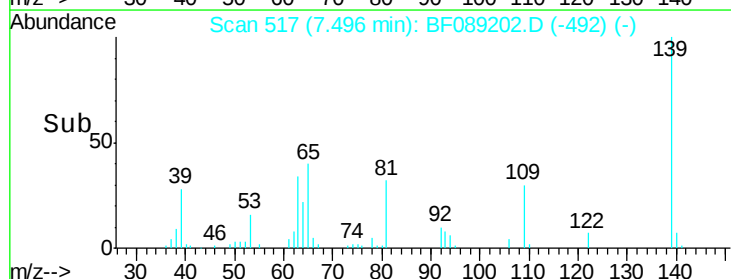
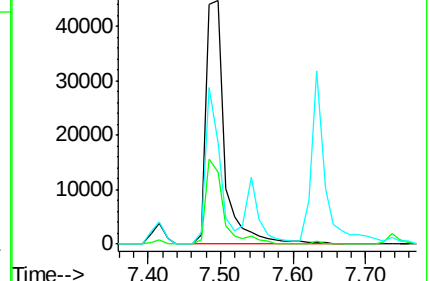
65 41.5 52.7 79.1#

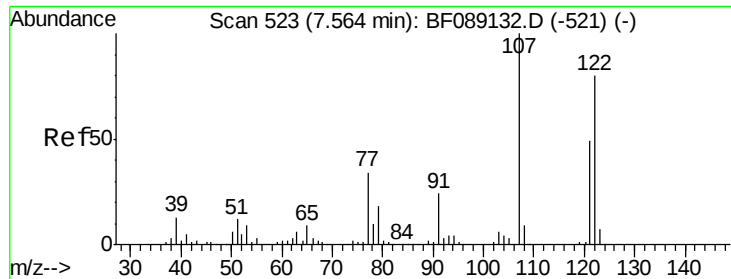


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

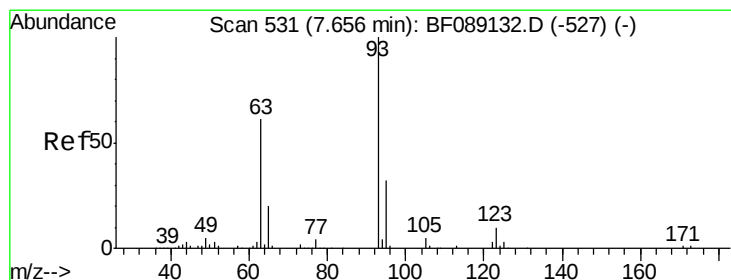
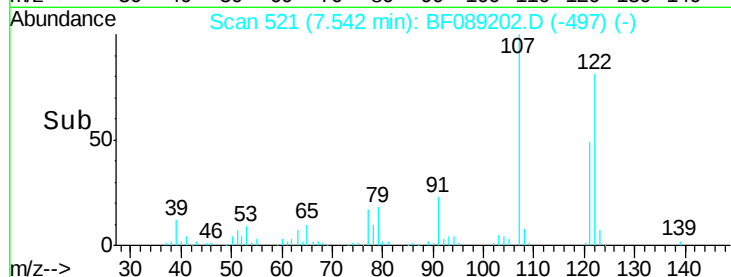
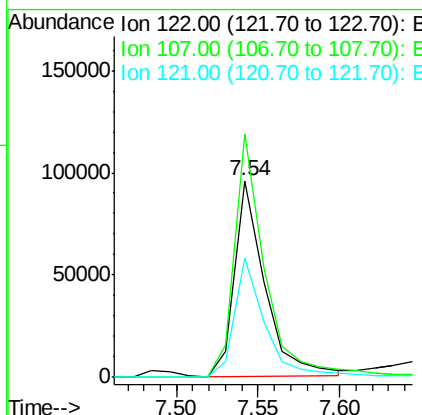
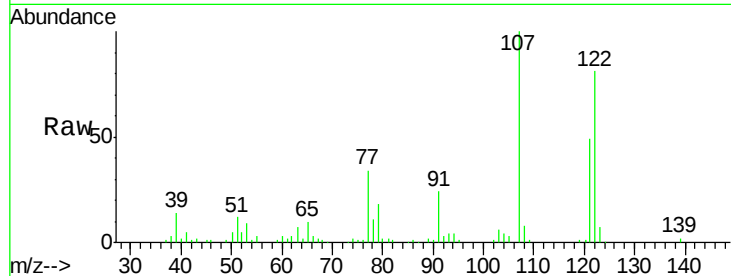




#27
 2,4-Dimethylphenol
 Concen: 38.33 ng
 RT: 7.54 min Scan# 521
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

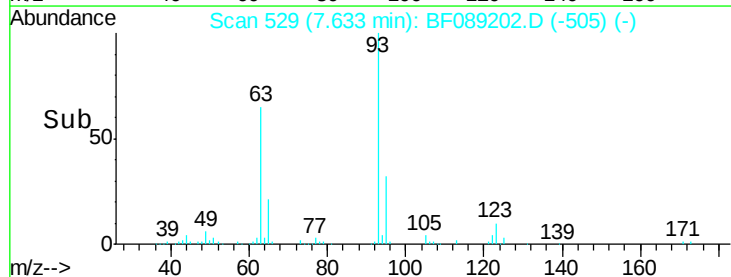
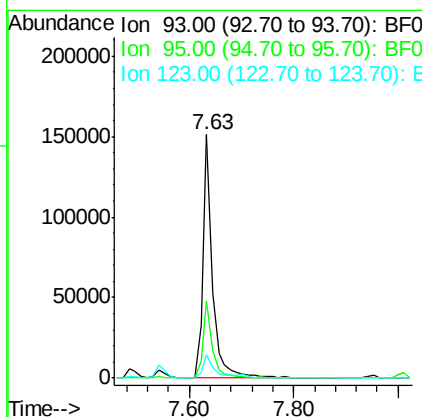
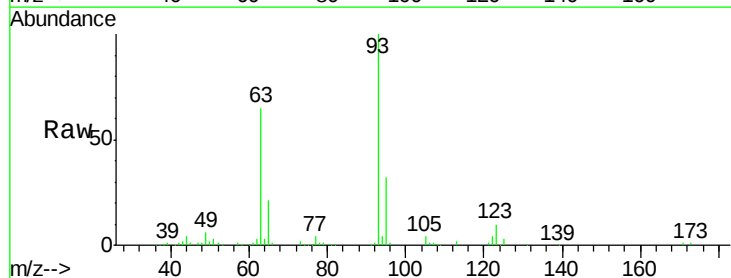
Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

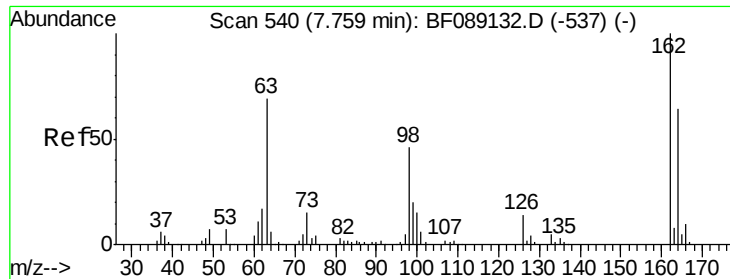
Tgt Ion:122 Resp: 123042
 Ion Ratio Lower Upper
 122 100
 107 123.9 99.7 149.5
 121 60.9 48.5 72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.41 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion: 93 Resp: 193855
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.4 38.0
 123 9.8 8.3 12.5

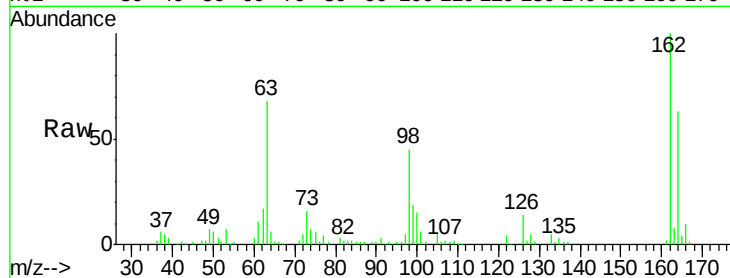




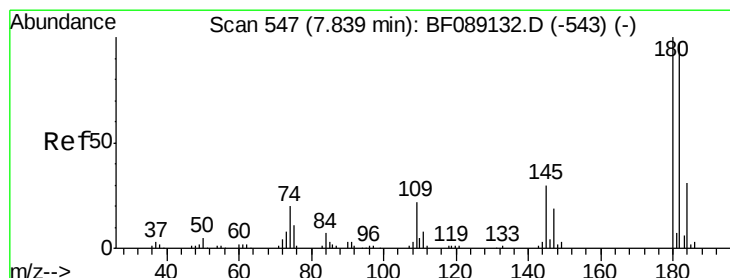
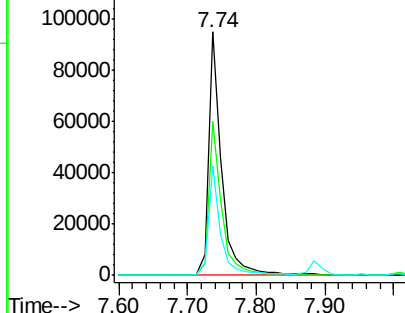
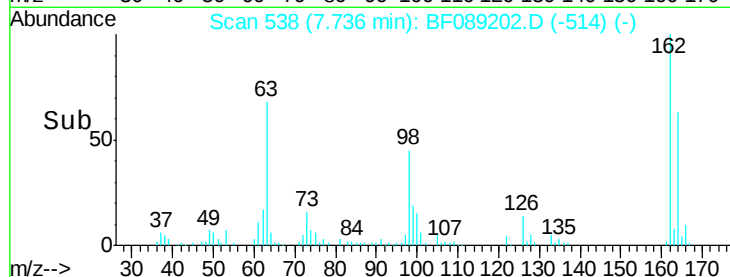
#29
 2,4-Dichlorophenol
 Concen: 43.54 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

Tgt Ion:162 Resp: 125976
 Ion Ratio Lower Upper
 162 100
 164 63.4 44.0 84.0
 98 44.6 26.0 66.0

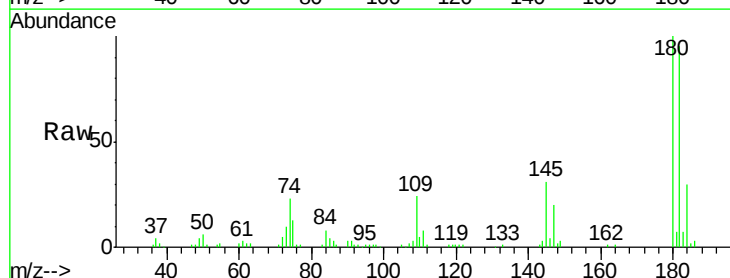


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

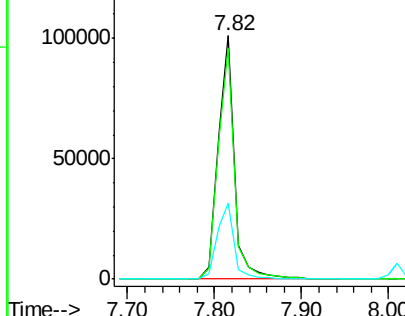
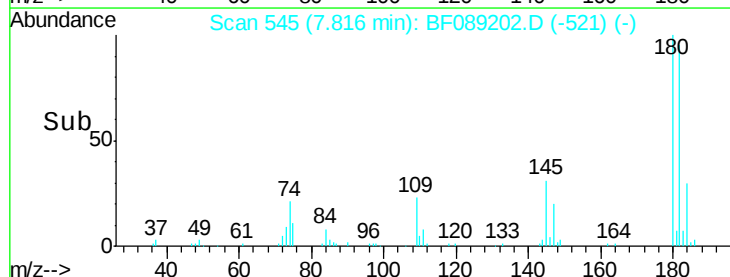


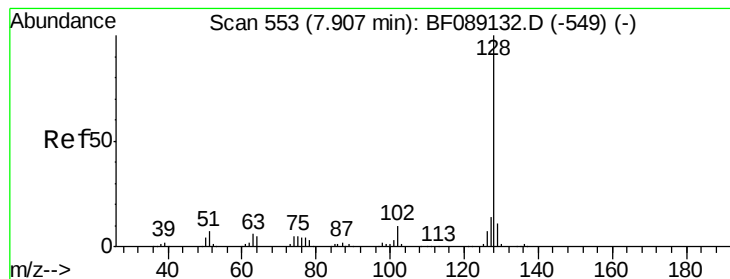
#30
 1,2,4-Trichlorobenzene
 Concen: 41.38 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion:180 Resp: 132508
 Ion Ratio Lower Upper
 180 100
 182 94.6 77.6 116.4
 145 31.0 24.0 36.0



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: 40.19 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

PB92323BS

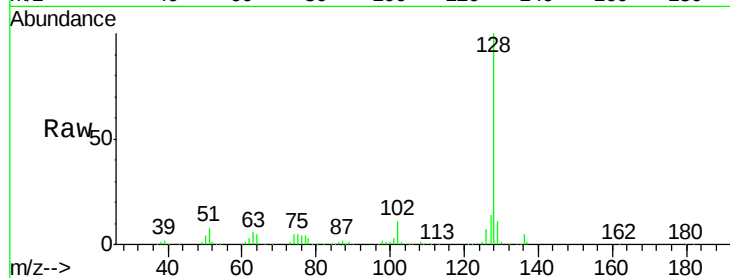
Tgt Ion:128 Resp: 446421

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

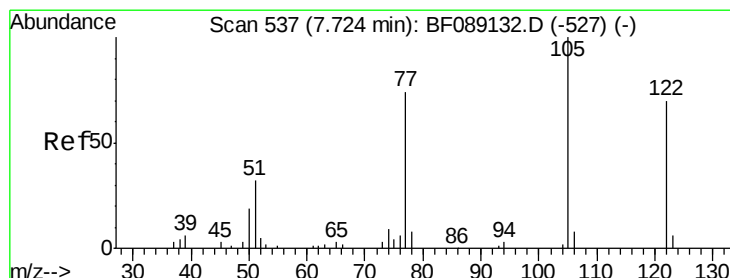
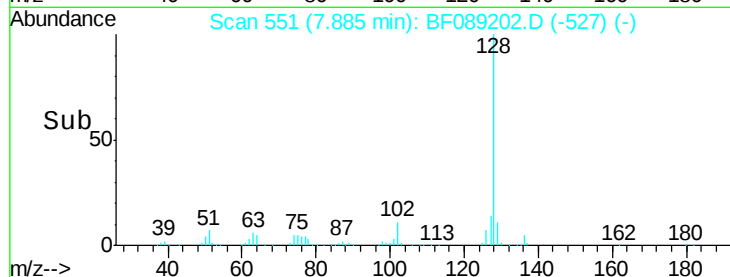
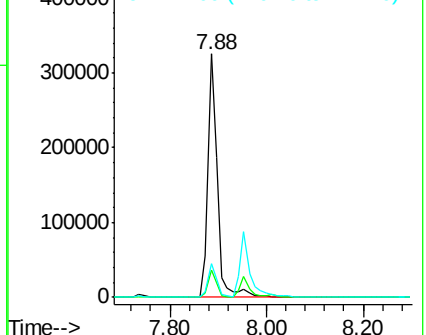
127 13.7 10.8 16.2



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: 35.36 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

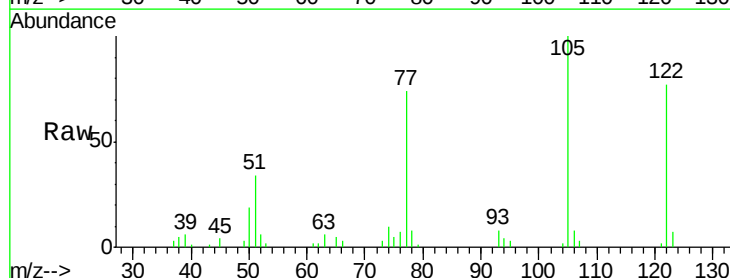
Tgt Ion:122 Resp: 87297

Ion Ratio Lower Upper

122 100

105 130.2 119.0 159.0

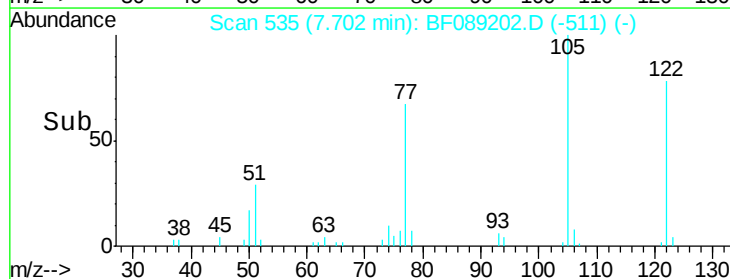
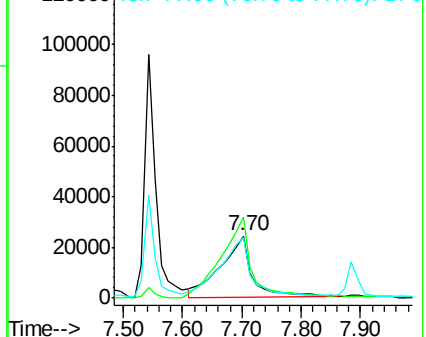
77 96.5 84.7 124.7

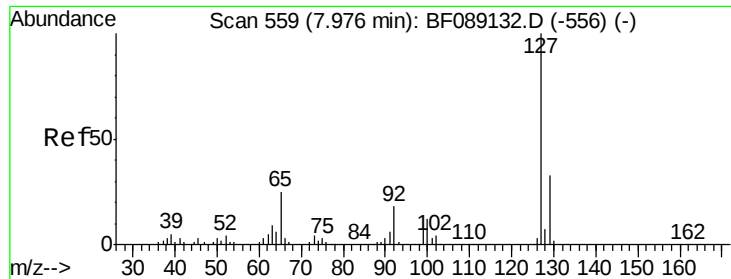


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

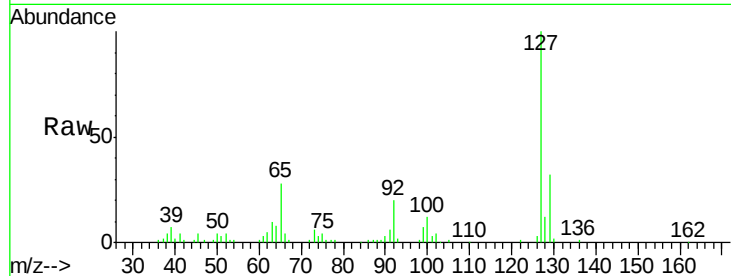




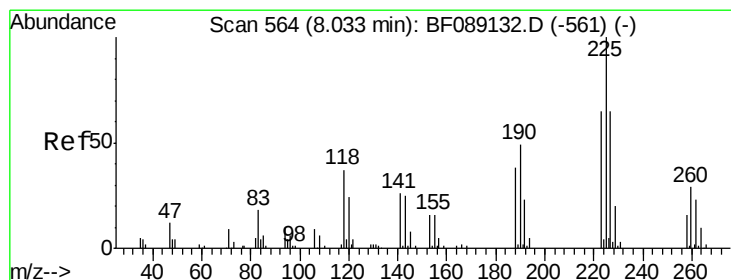
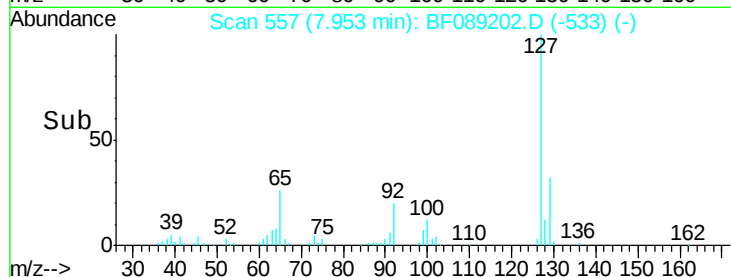
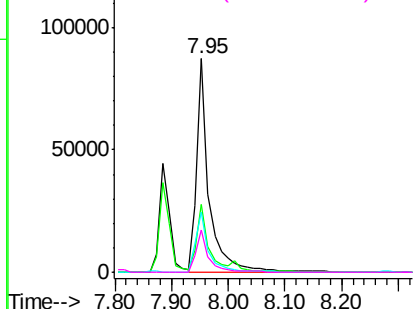
#33
4-Chloroaniline
Concen: 28.37 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:	127	Resp:	132512
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	28.1	19.7	29.5
92	19.5	14.3	21.5

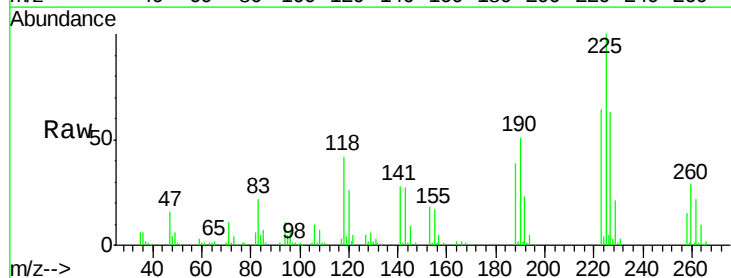


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

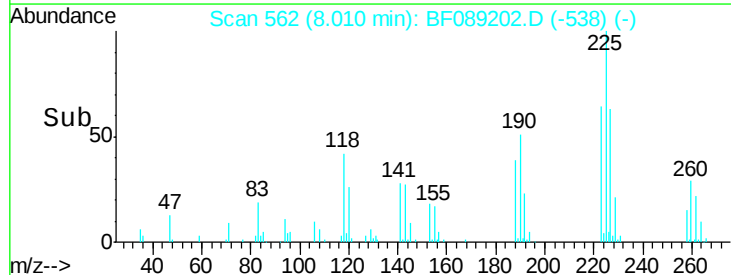
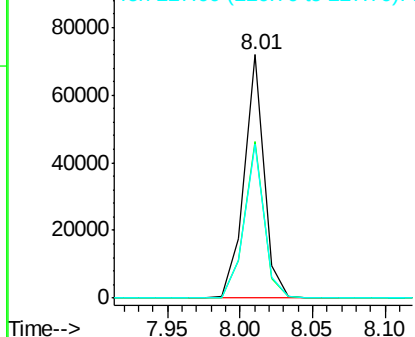


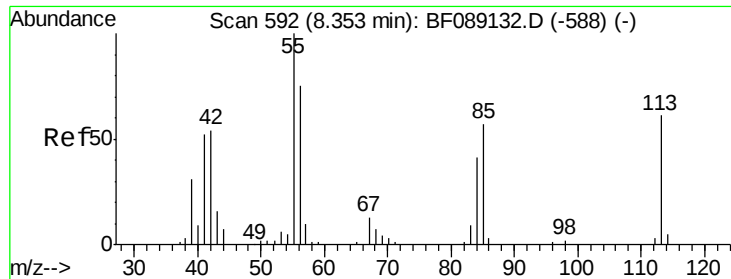
#34
Hexachlorobutadiene
Concen: 38.58 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:	225	Resp:	68774
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.6	77.4
227	63.5	51.6	77.4



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

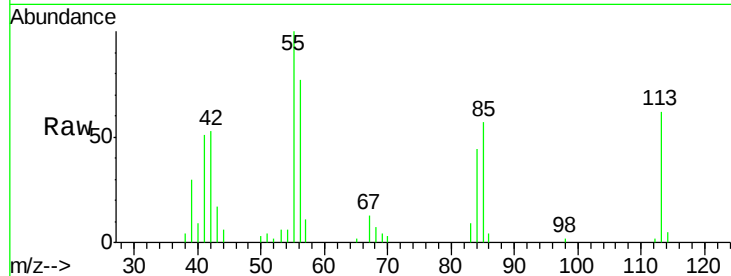




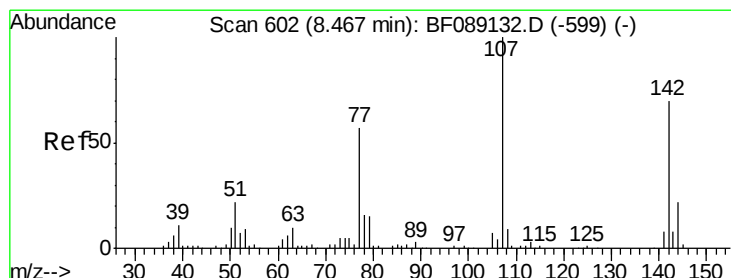
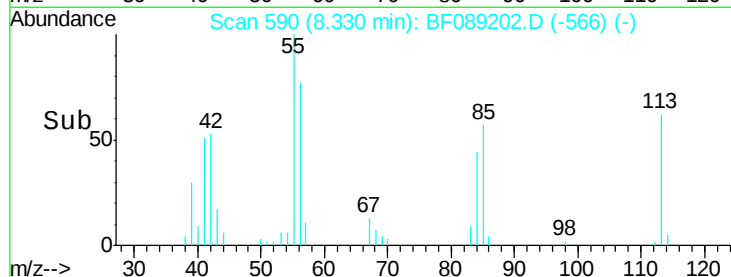
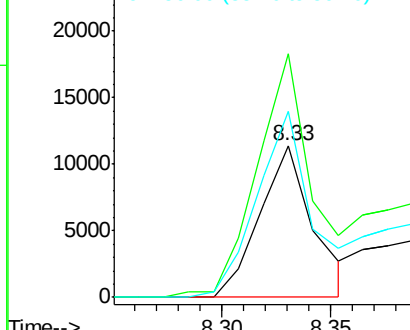
#35
 Caprolactam
 Concen: 21.67 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

Tgt Ion:113 Resp: 19472
 Ion Ratio Lower Upper
 113 100
 55 160.5 145.3 185.3
 56 122.8 104.3 144.3

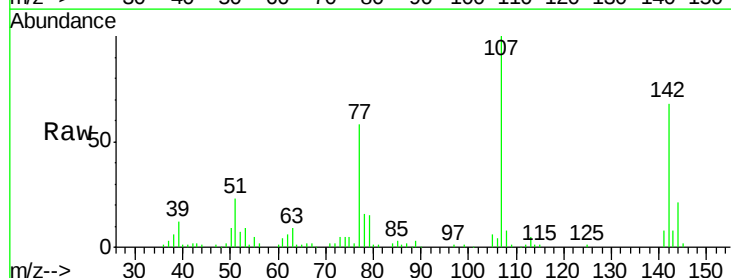


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

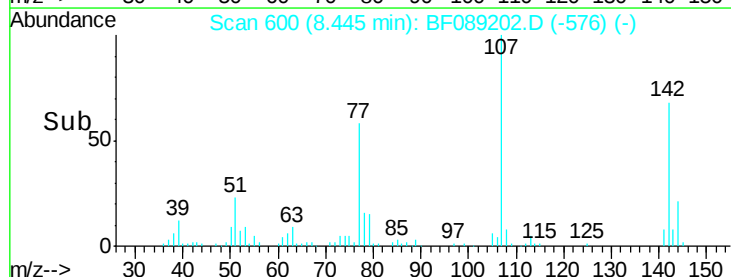
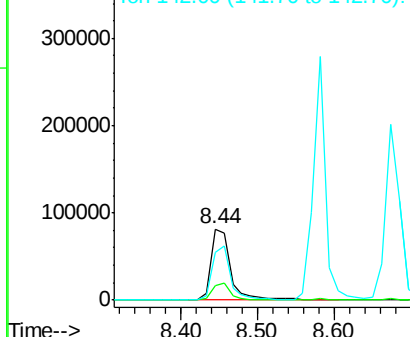


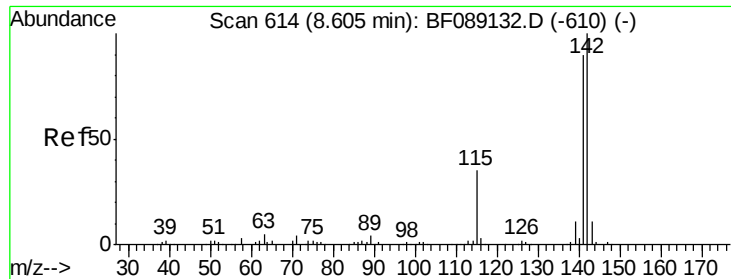
#36
 4-Chloro-3-methylphenol
 Concen: 41.56 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion:107 Resp: 144854
 Ion Ratio Lower Upper
 107 100
 144 21.3 17.8 26.6
 142 67.7 56.1 84.1



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

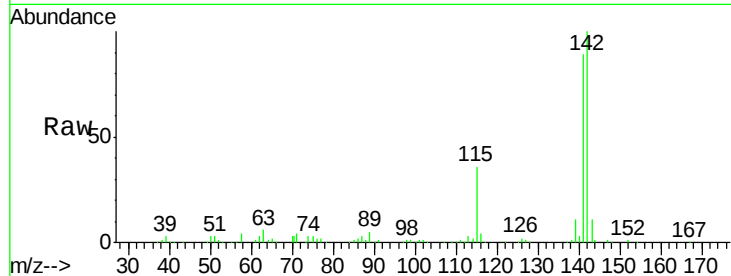




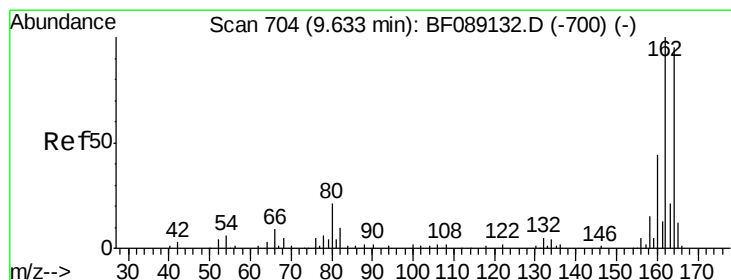
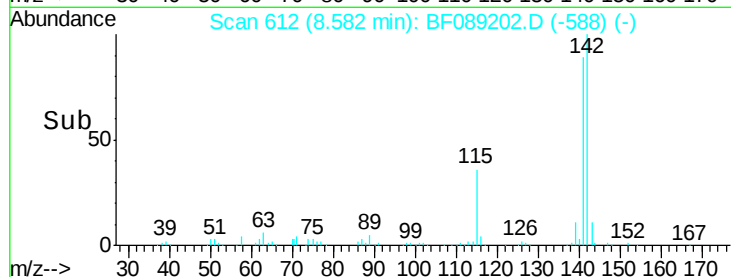
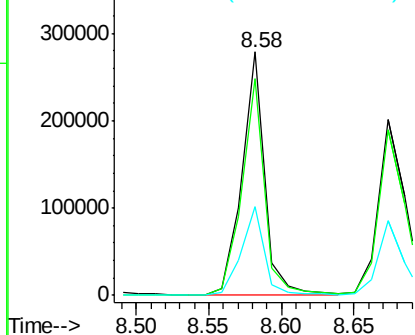
#37
2-Methylnaphthalene
Concen: 43.06 ng
RT: 8.58 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:142 Resp: 305035
Ion Ratio Lower Upper
142 100
141 88.9 71.6 107.4
115 36.2 27.6 41.4

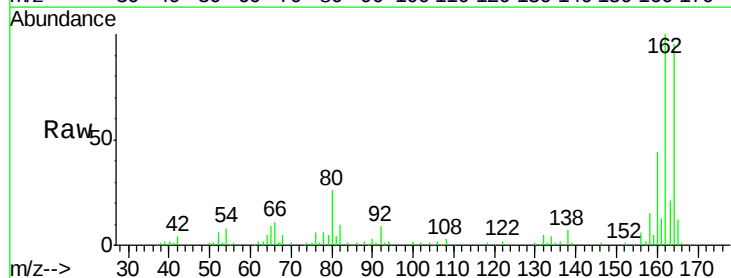


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

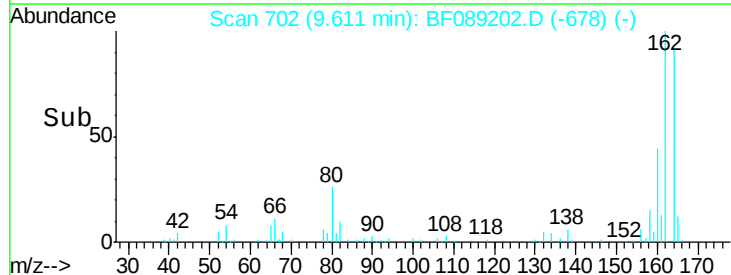
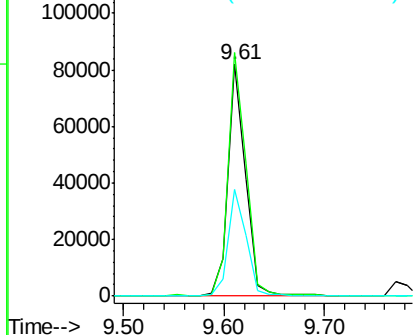


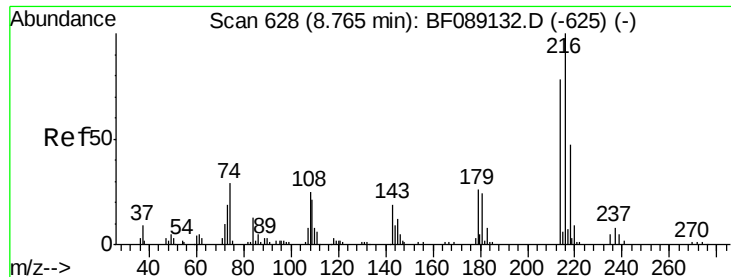
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:164 Resp: 99577
Ion Ratio Lower Upper
164 100
162 105.0 84.1 126.1
160 46.1 37.1 55.7



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: 33.82 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

PB92323BS

Tgt Ion:216 Resp: 125154

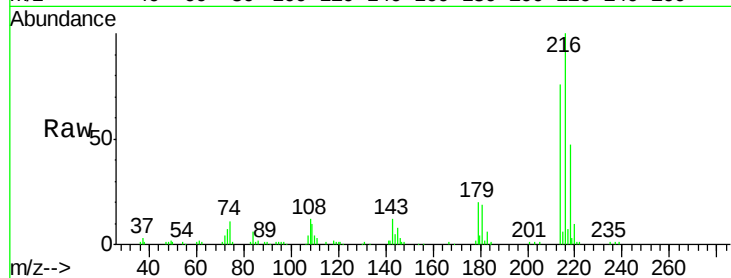
Ion Ratio Lower Upper

216 100

214 78.7 61.9 92.9

179 22.7 18.4 27.6

108 22.0 17.0 25.6

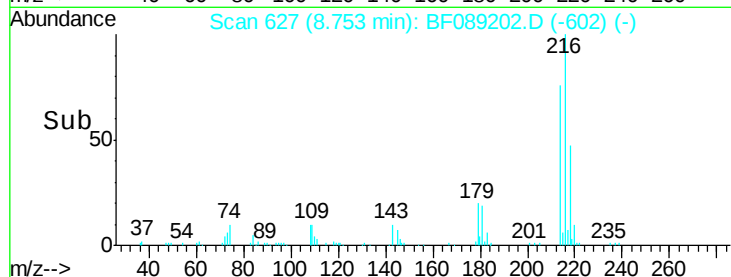


Abundance Ion 216.00 (215.70 to 216.70): E

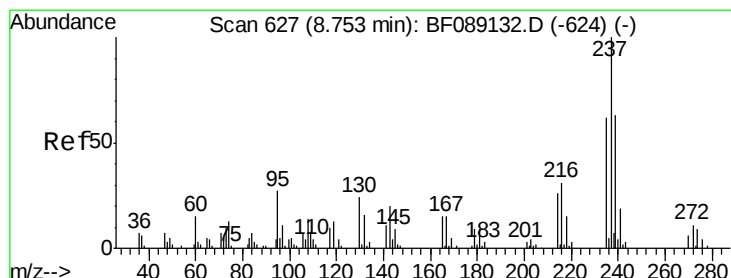
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 78.18 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

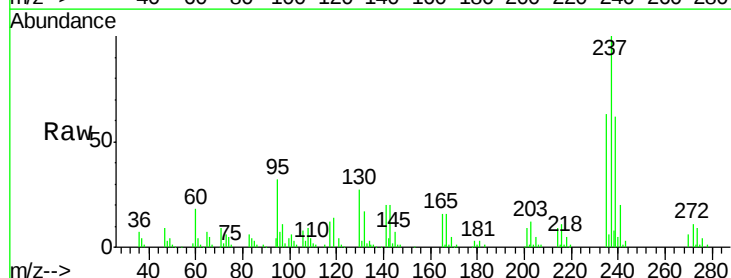
Tgt Ion:237 Resp: 96605

Ion Ratio Lower Upper

237 100

235 63.2 42.1 82.1

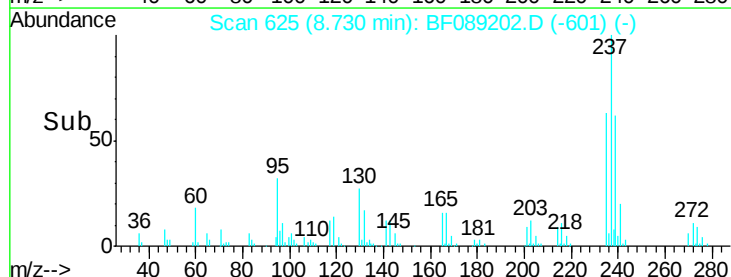
272 11.3 0.0 31.4



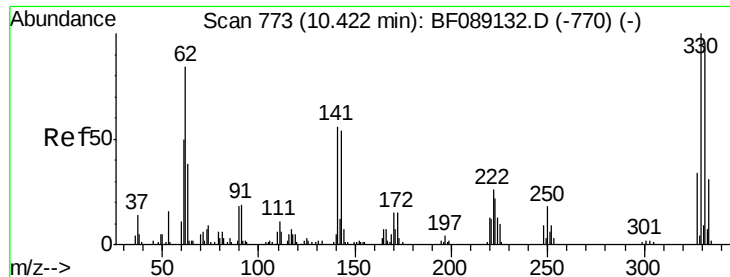
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



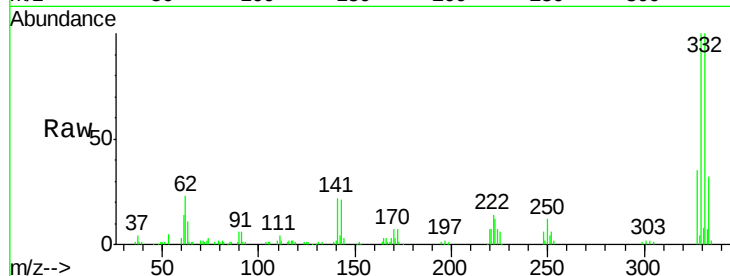
Time-->



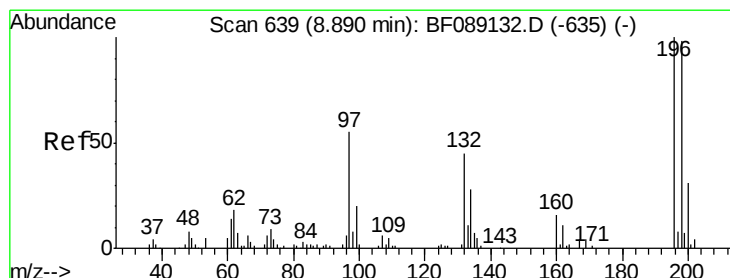
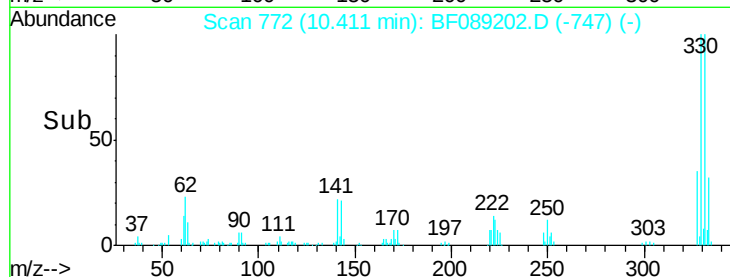
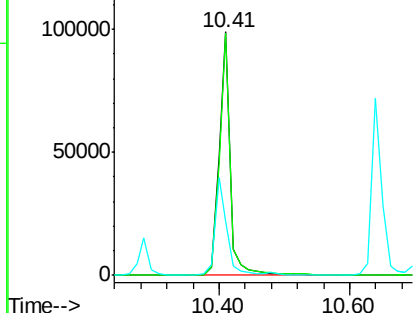
#41
 2,4,6-Tribromophenol
 Concen: 135.05 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampled :
 PB92323BS

Tgt Ion:330 Resp: 121073
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.2 115.8
 141 44.1 42.2 63.2

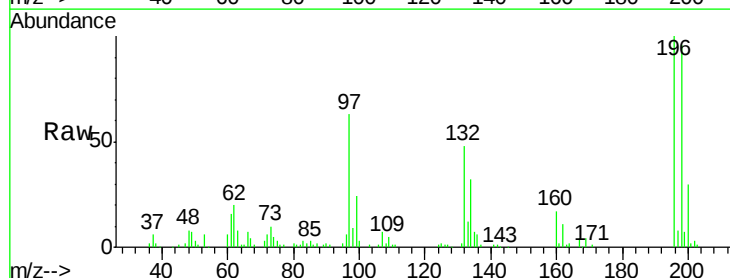


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

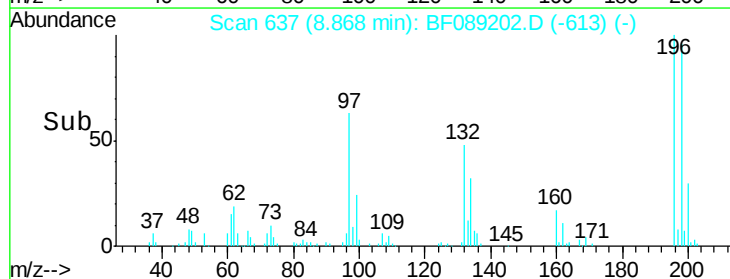
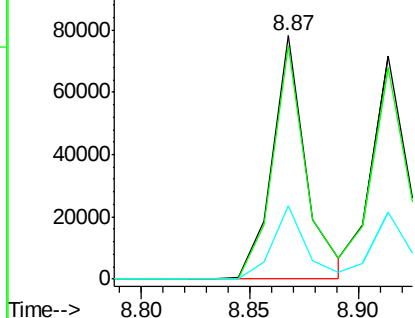


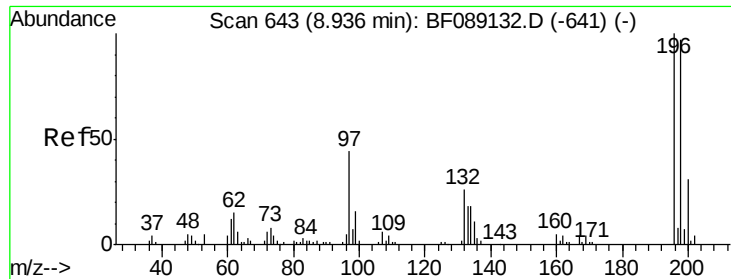
#42
 2,4,6-Trichlorophenol
 Concen: 40.71 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion:196 Resp: 84325
 Ion Ratio Lower Upper
 196 100
 198 95.9 78.3 117.5
 200 29.9 25.0 37.4



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

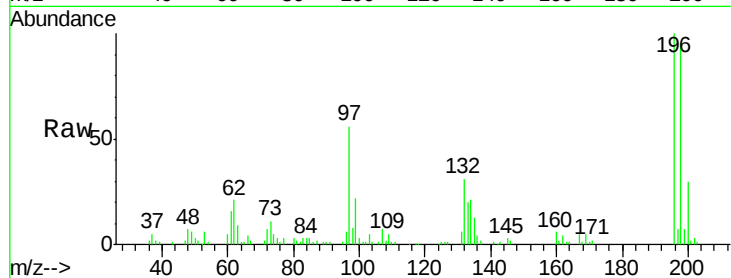




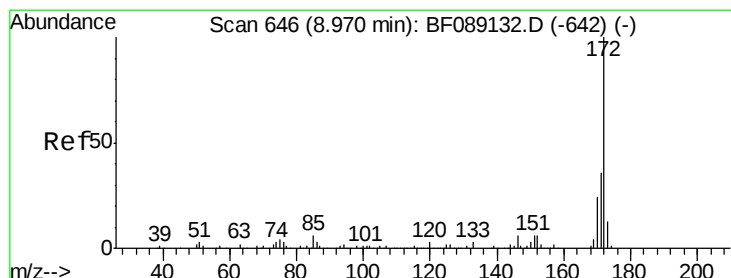
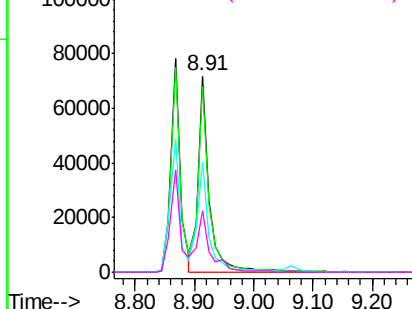
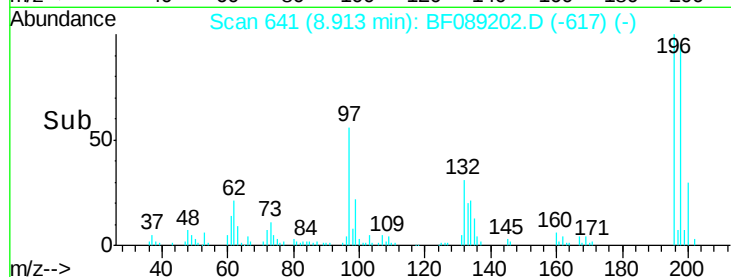
#43
 2,4,5-Trichlorophenol
 Concen: 46.93 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

Tgt Ion:196 Resp: 97586
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.6 116.4
 97 56.3 36.5 54.7#
 132 31.4 21.2 31.8

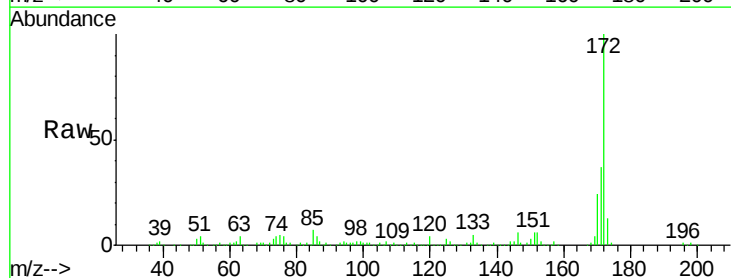


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

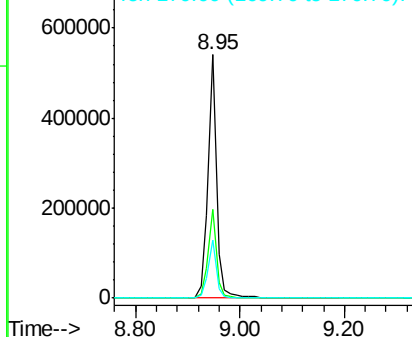
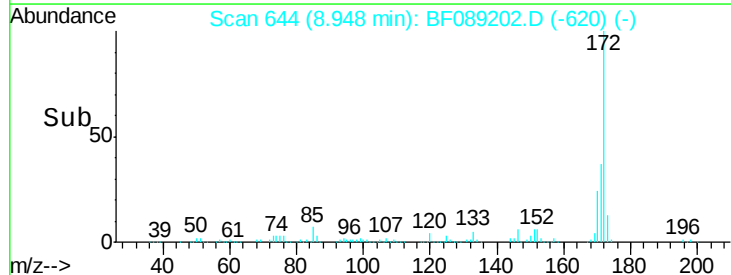


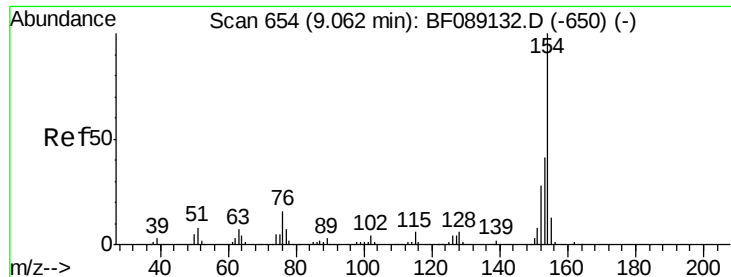
#44
 2-Fluorobiphenyl
 Concen: 85.27 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion:172 Resp: 616288
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.2 43.8
 170 23.9 19.1 28.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

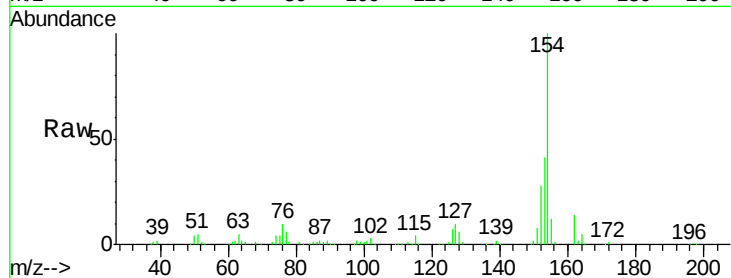




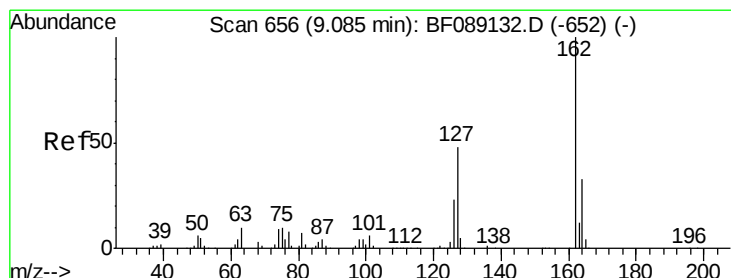
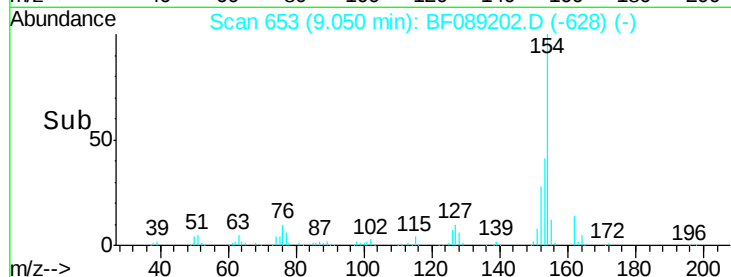
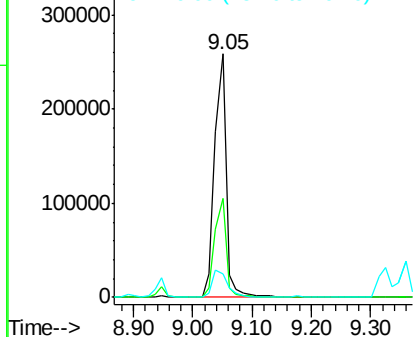
#45
 1,1'-Biphenyl
 Concen: 39.04 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.1	61.1
76	9.8	0.0	35.8

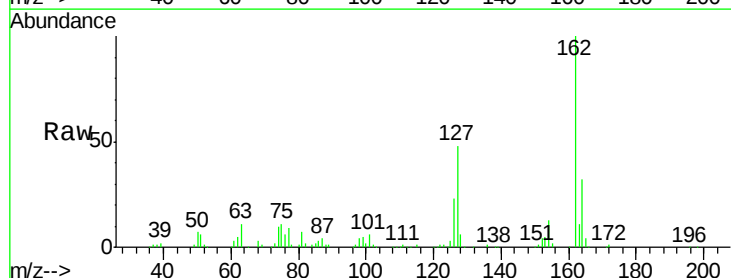


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

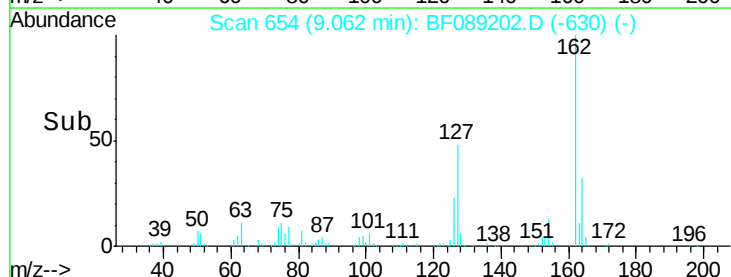
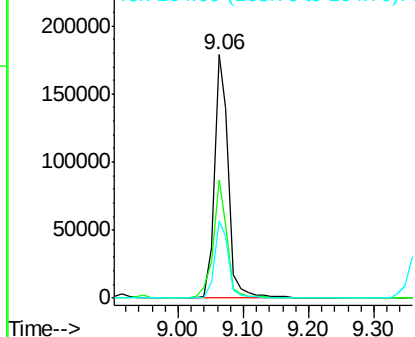


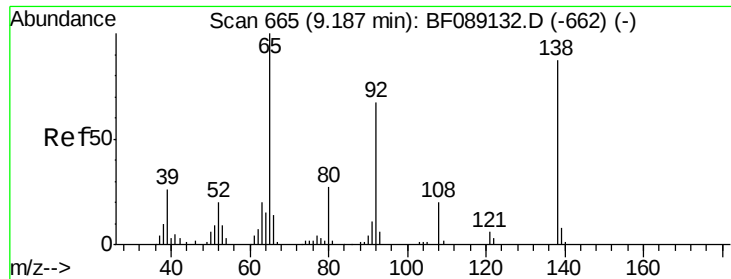
#46
 2-Chloronaphthalene
 Concen: 39.71 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion	Ratio	Lower	Upper
162	100		
127	48.5	38.1	57.1
164	31.5	26.1	39.1



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

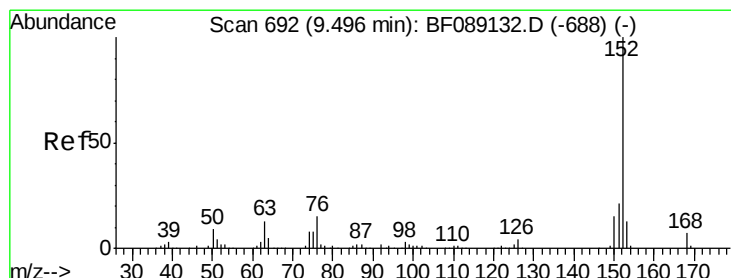
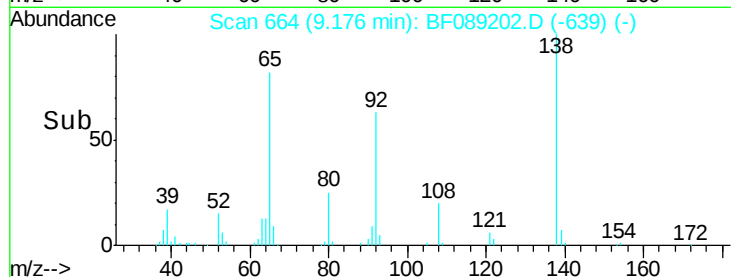
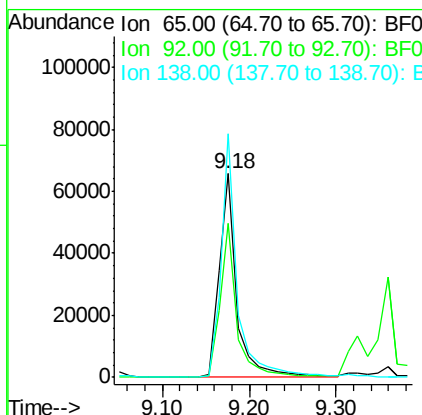
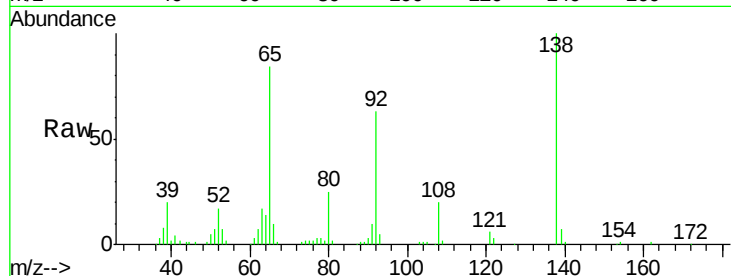




#47
 2-Nitroaniline
 Concen: 40.08 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

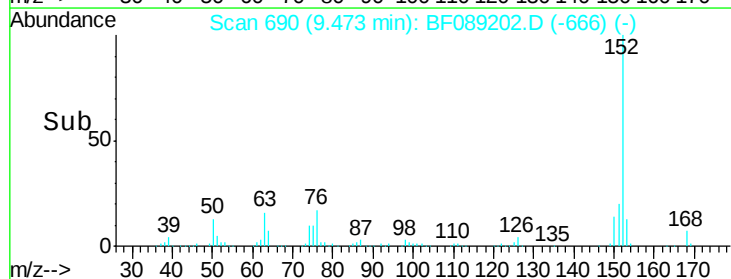
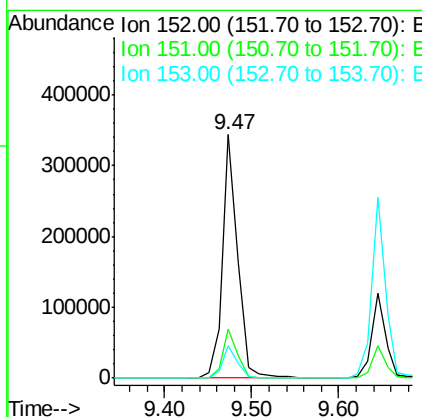
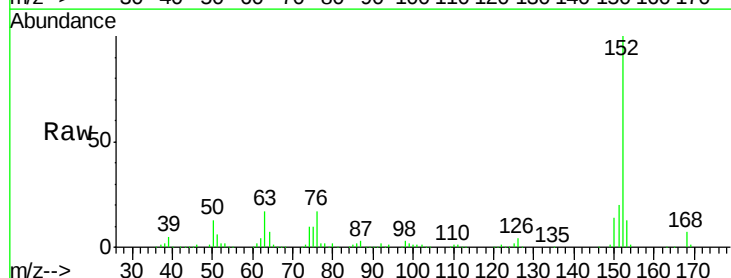
Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

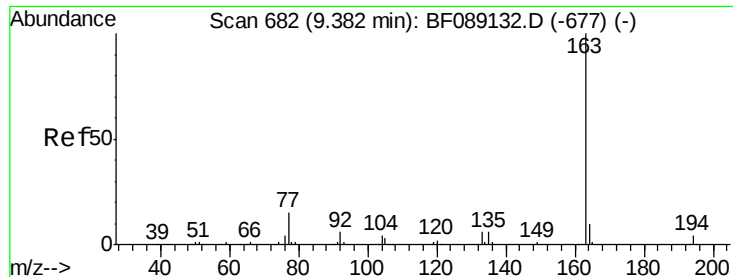
Tgt Ion: 65 Resp: 93699
 Ion Ratio Lower Upper
 65 100
 92 75.6 53.2 79.8
 138 119.8 69.4 104.2#



#48
 Acenaphthylene
 Concen: 39.32 ng
 RT: 9.47 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion: 152 Resp: 421305
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.5 24.7
 153 13.1 10.7 16.1

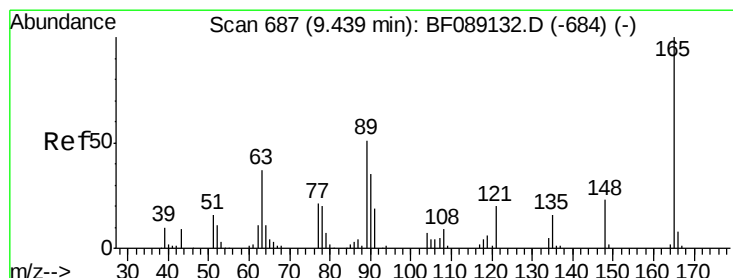
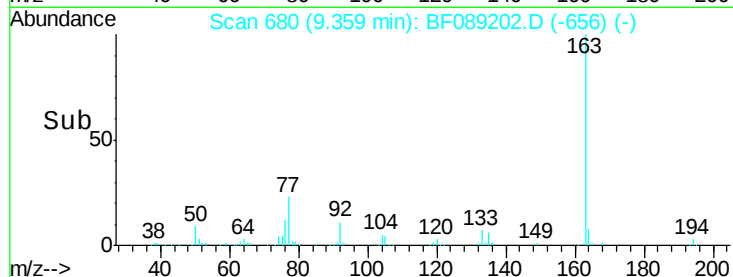
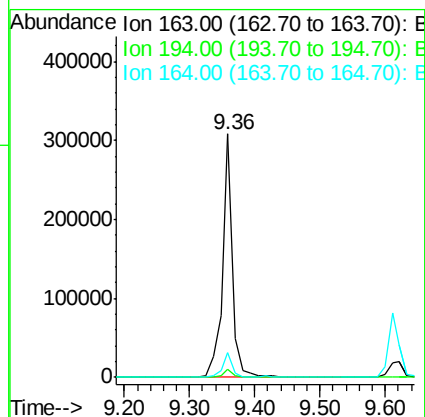
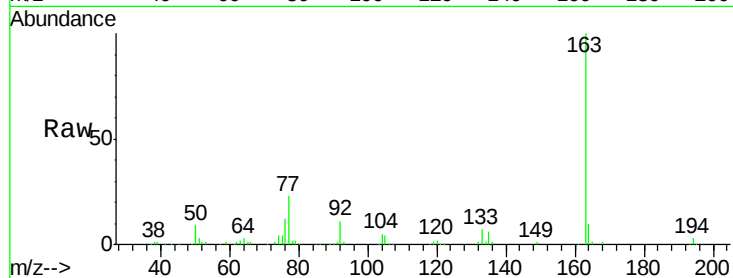




#49
Dimethylphthalate
Concen: 44.09 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

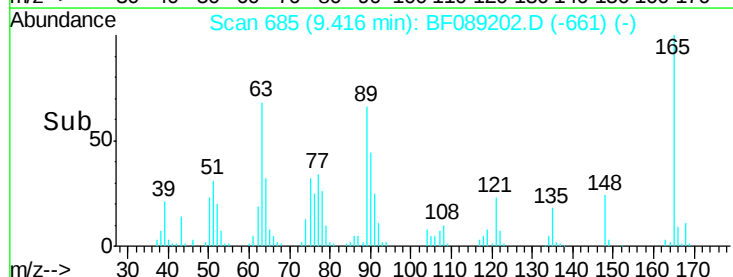
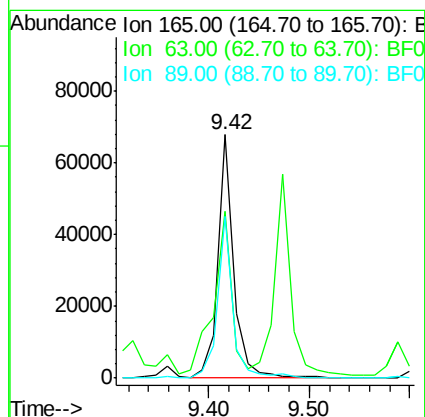
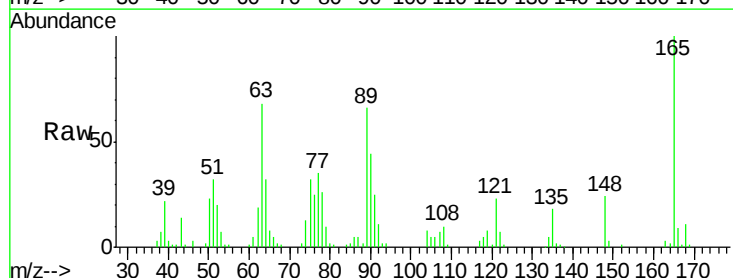
Instrument :
BNA_F
ClientSampleId :
PB92323BS

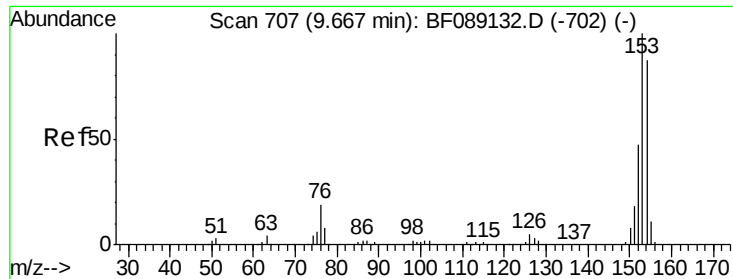
Tgt Ion:163 Resp: 336913
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 9.9 7.6 11.4



#50
2,6-Dinitrotoluene
Concen: 43.30 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:165 Resp: 74707
Ion Ratio Lower Upper
165 100
63 68.5 37.0 55.4#
89 66.4 40.9 61.3#





#51

Acenaphthene

Concen: 38.97 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

PB92323BS

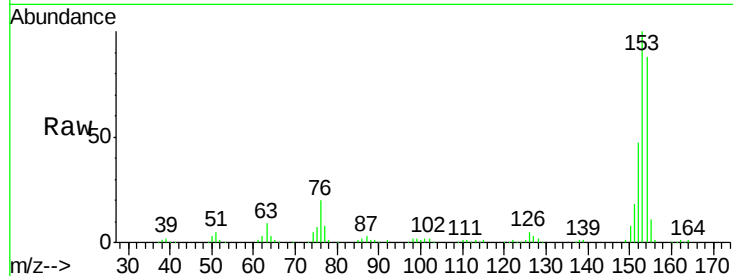
Tgt Ion:154 Resp: 246954

Ion Ratio Lower Upper

154 100

153 114.0 91.9 137.9

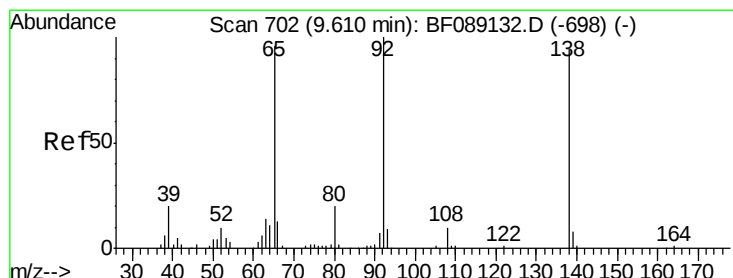
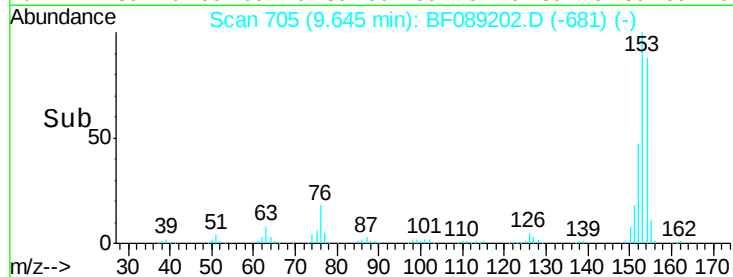
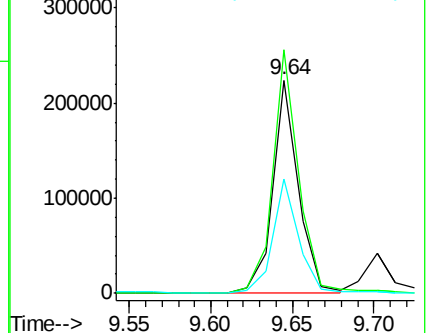
152 53.8 42.8 64.2



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: 30.30 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

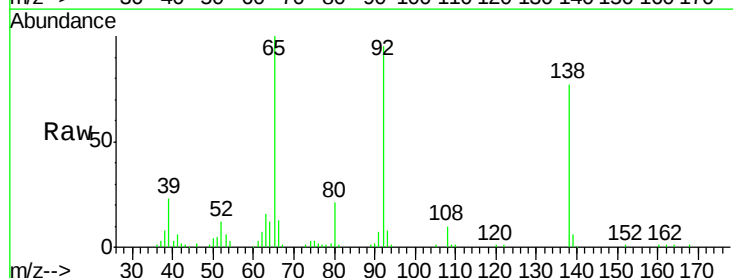
Tgt Ion:138 Resp: 62073

Ion Ratio Lower Upper

138 100

108 12.4 8.8 13.2

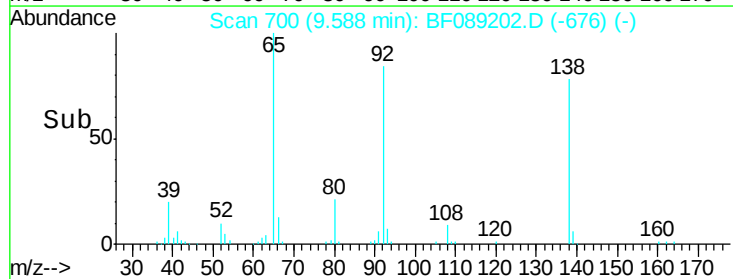
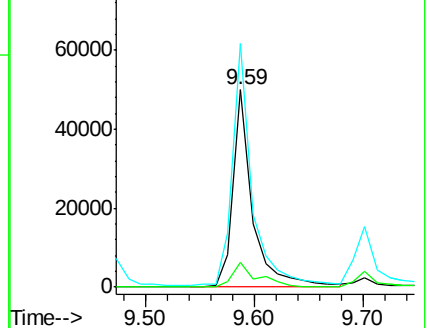
92 123.4 85.3 127.9

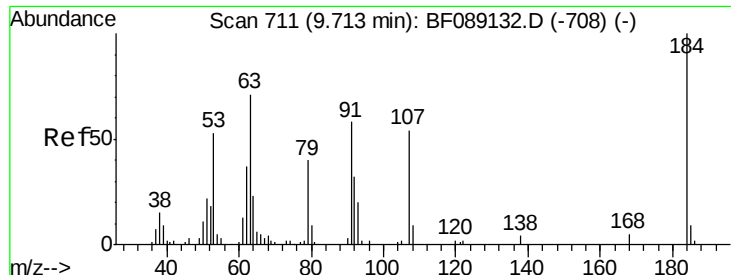


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

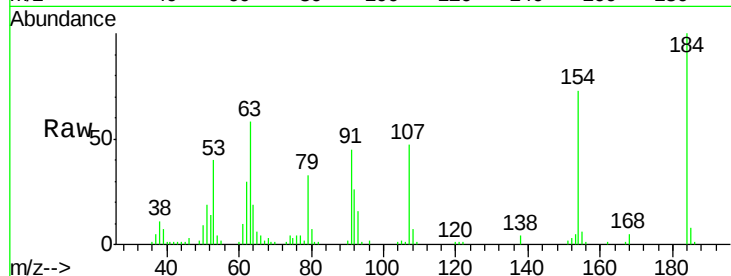




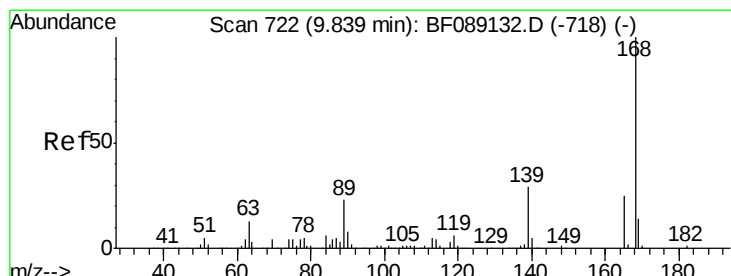
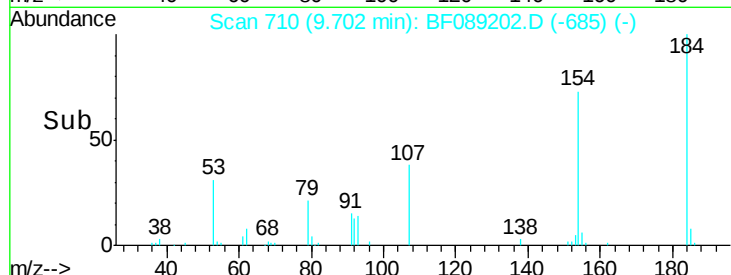
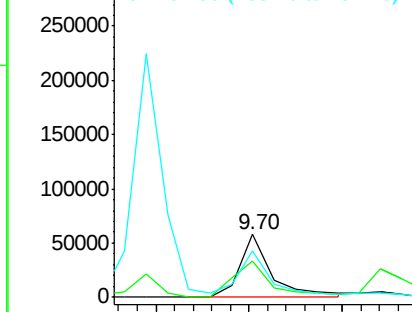
#53
 2,4-Dinitrophenol
 Concen: 78.62 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

Tgt Ion:184 Resp: 69023
 Ion Ratio Lower Upper
 184 100
 63 58.5 60.3 90.5#
 154 73.2 60.7 91.1

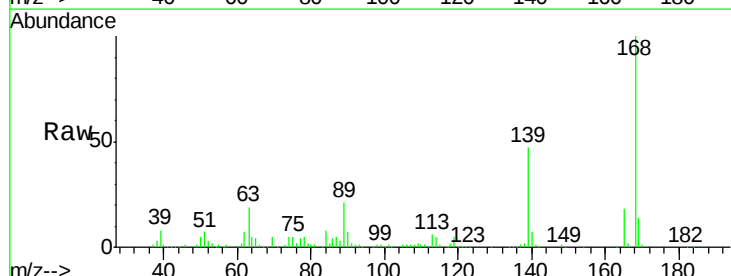


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

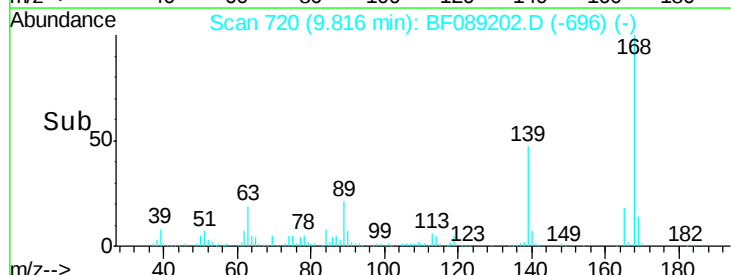
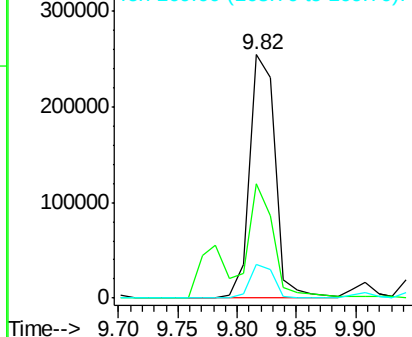


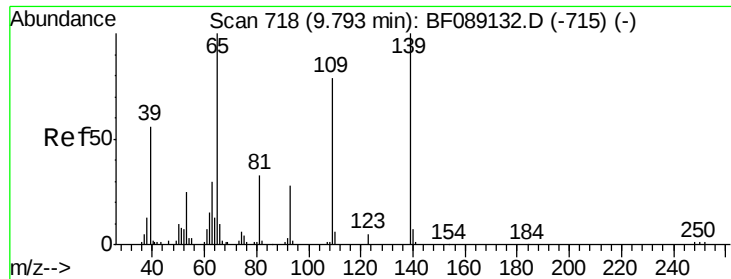
#54
 Dibenzofuran
 Concen: 44.84 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion:168 Resp: 383961
 Ion Ratio Lower Upper
 168 100
 139 47.1 34.4 51.6
 169 13.9 10.8 16.2



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

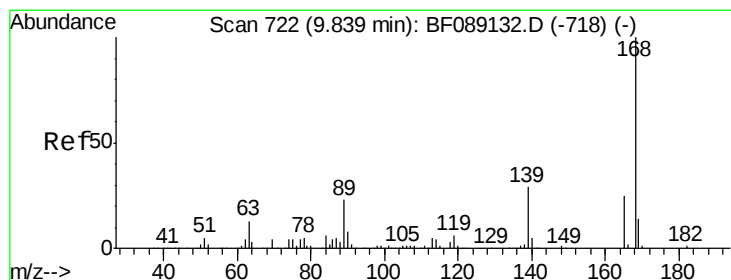
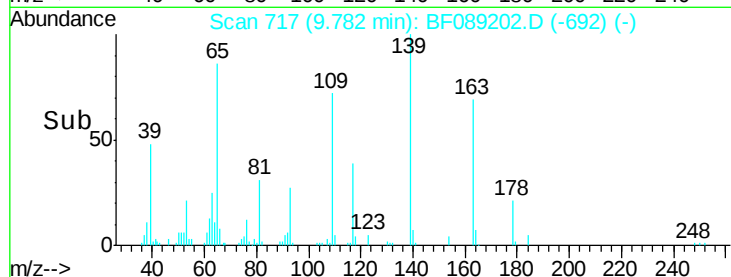
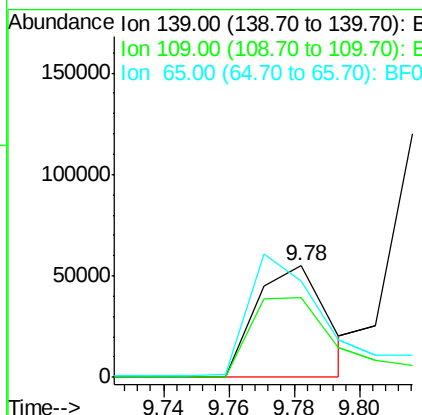
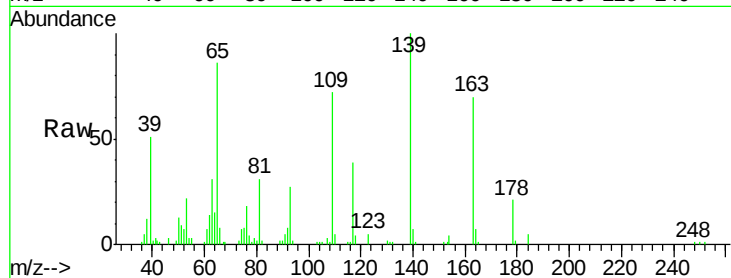




#55
4-Nitrophenol
Concen: 66.56 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

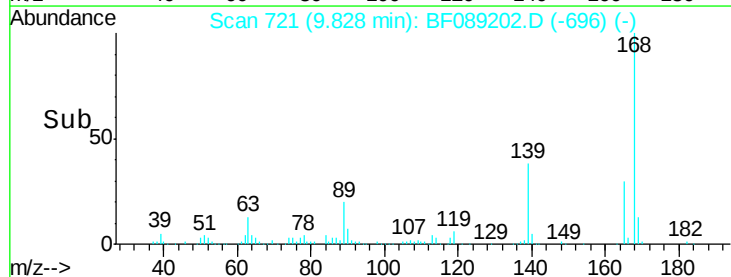
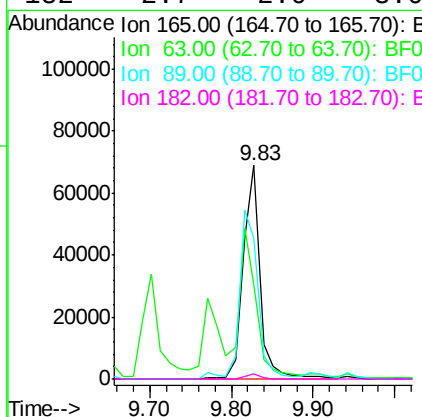
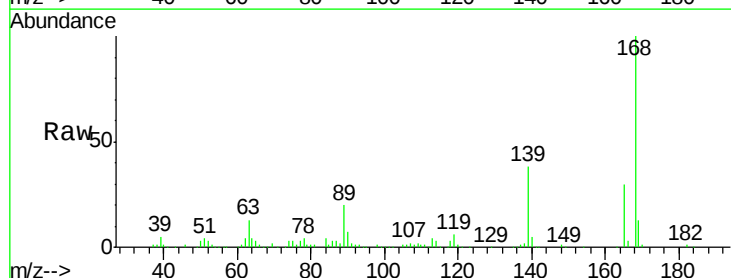
Instrument :
BNA_F
ClientSampleId :
PB92323BS

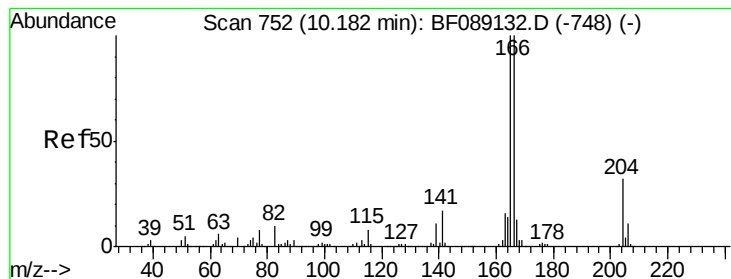
Tgt Ion:139 Resp: 82504
Ion Ratio Lower Upper
139 100
109 72.2 58.7 98.7
65 86.3 80.2 120.2



#56
2,4-Dinitrotoluene
Concen: 44.44 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:165 Resp: 98762
Ion Ratio Lower Upper
165 100
63 44.5 55.4 83.2#
89 65.8 74.3 111.5#
182 2.7 2.0 3.0





#57

Fluorene

Concen: 41.10 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

PB92323BS

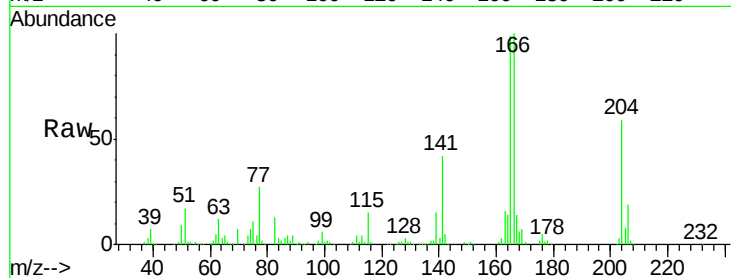
Tgt Ion:166 Resp: 298744

Ion Ratio Lower Upper

166 100

165 98.7 79.9 119.9

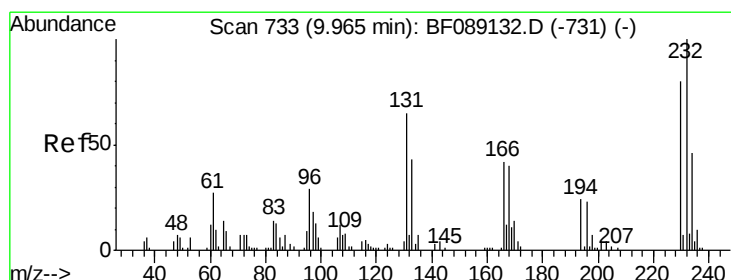
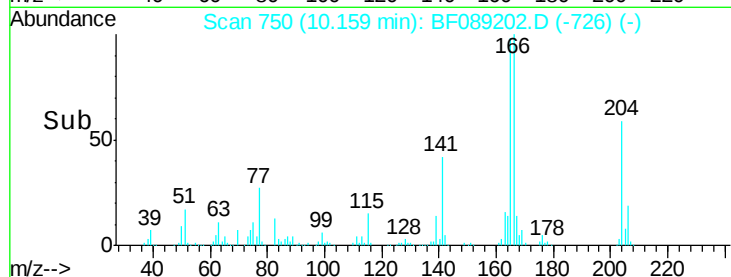
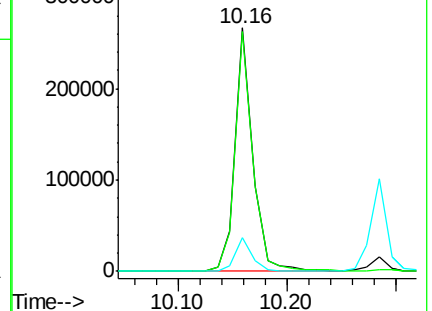
167 13.6 10.7 16.1



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: 48.14 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Tgt Ion:232 Resp: 71901

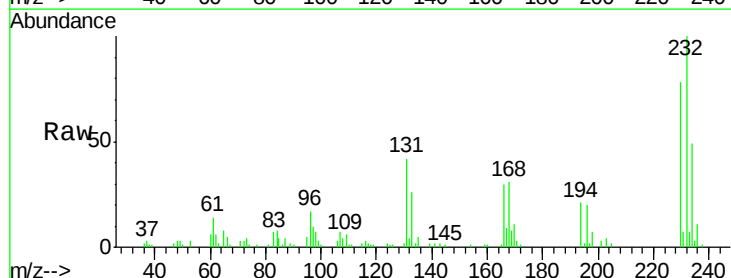
Ion Ratio Lower Upper

232 100

131 58.1 46.2 69.2

130 2.4 2.3 3.5

166 33.3 29.5 44.3

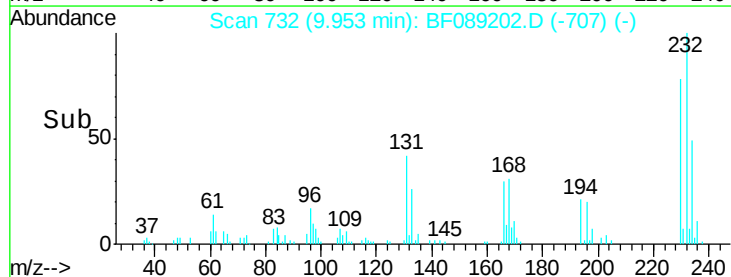
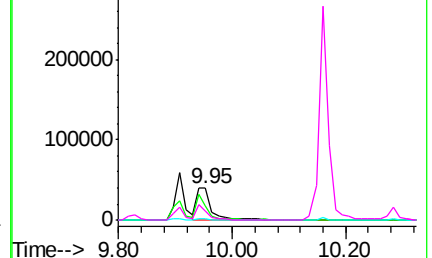


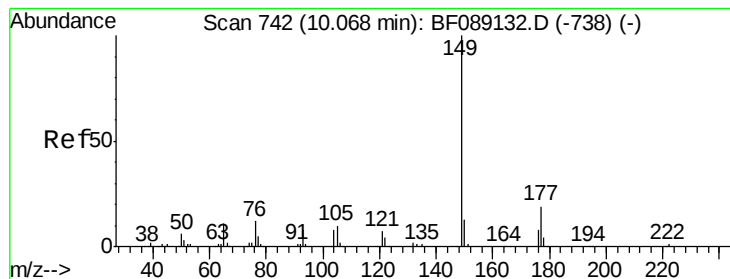
Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.99 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

PB92323BS

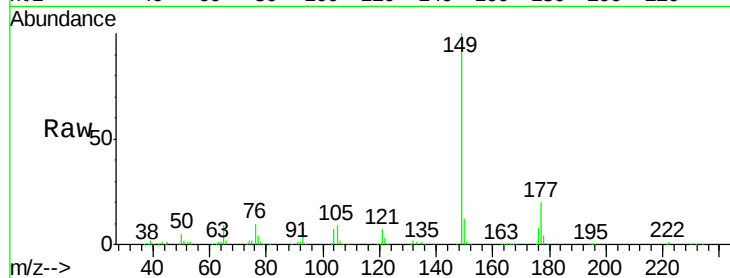
Tgt Ion:149 Resp: 363611

Ion Ratio Lower Upper

149 100

177 20.0 15.6 23.4

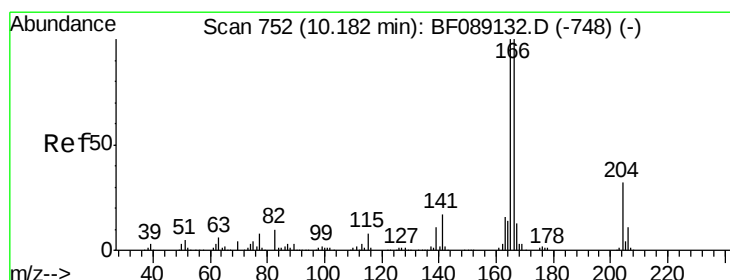
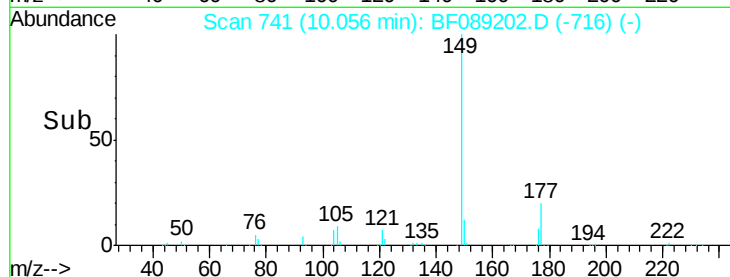
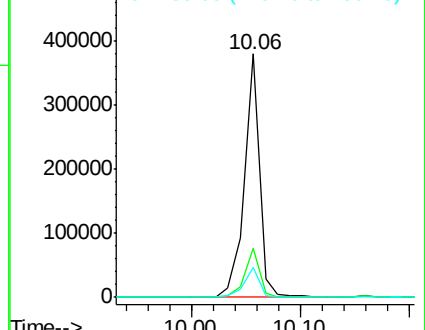
150 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.21 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

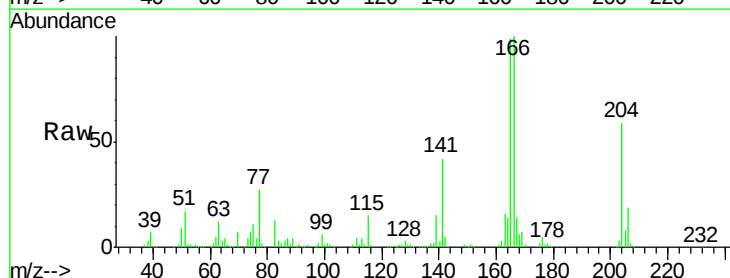
Tgt Ion:204 Resp: 146702

Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.4

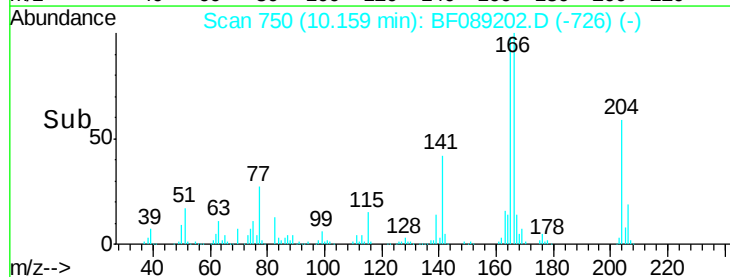
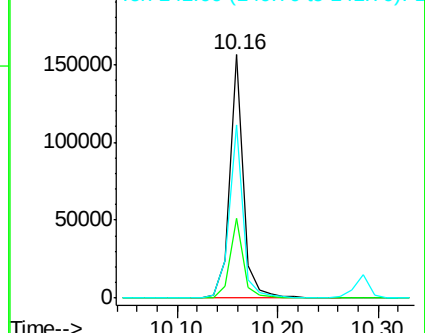
141 71.1 42.2 63.4#

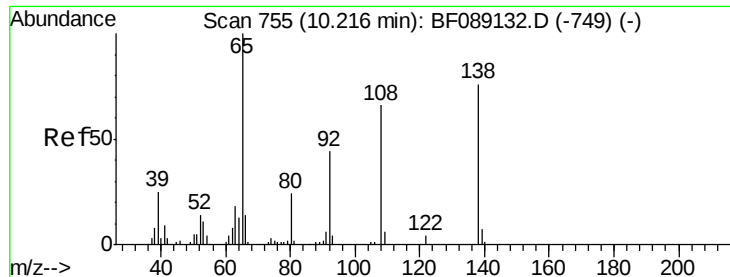


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

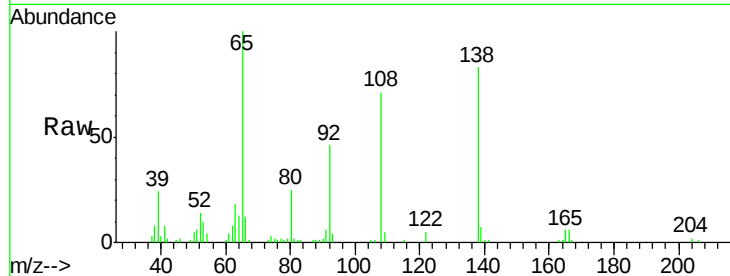




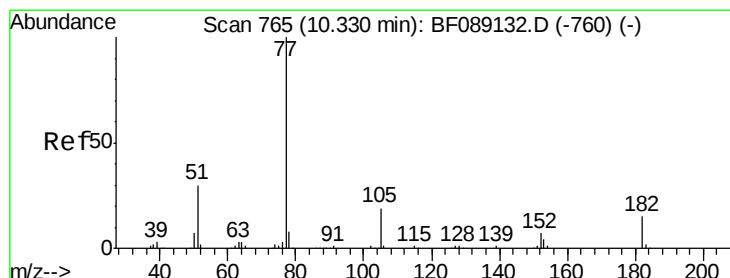
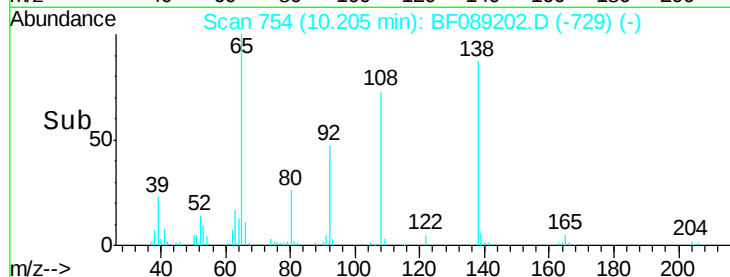
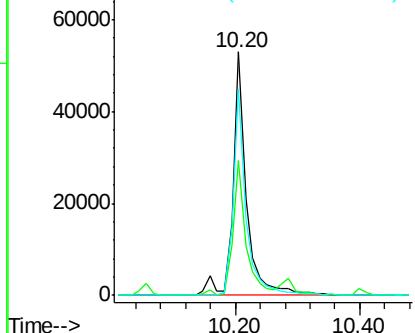
#61
4-Nitroaniline
Concen: 40.73 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:138 Resp: 81183
Ion Ratio Lower Upper
138 100
92 55.4 37.2 77.2
108 84.9 66.1 106.1

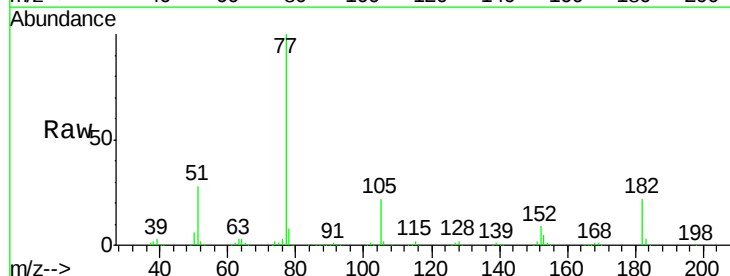


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

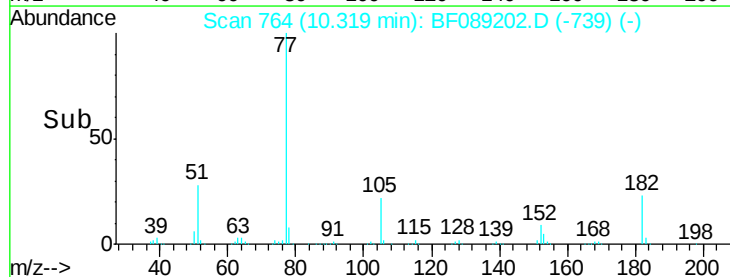
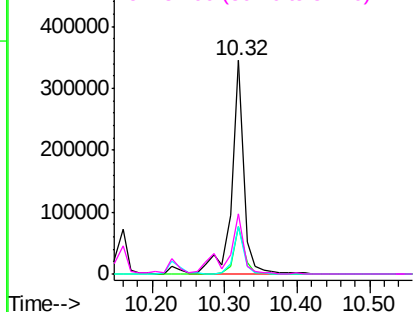


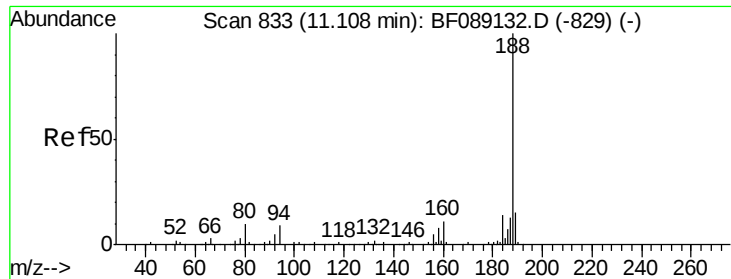
#62
Azobenzene
Concen: 47.86 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion: 77 Resp: 394142
Ion Ratio Lower Upper
77 100
182 22.5 0.0 35.0
105 22.0 0.0 39.4
51 28.0 10.7 50.7



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

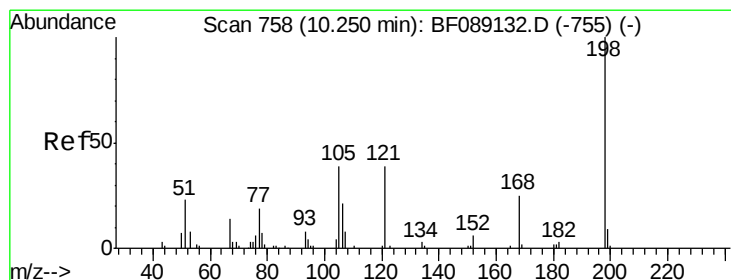
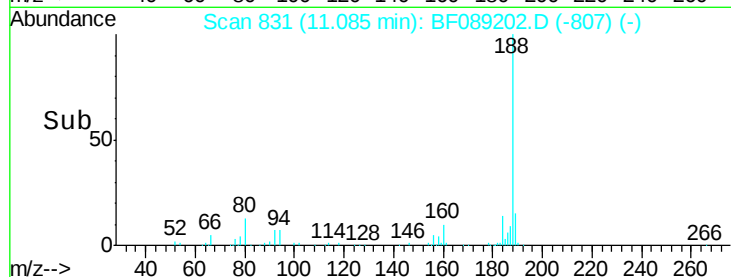
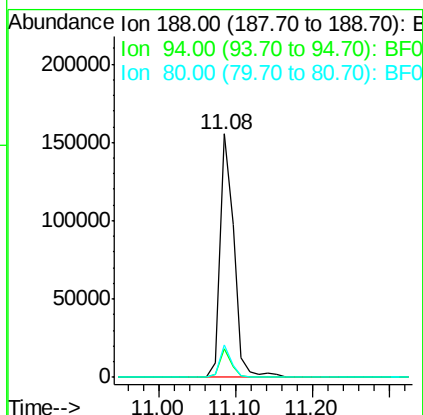
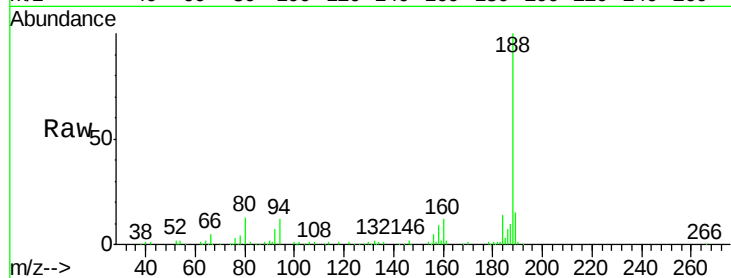




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

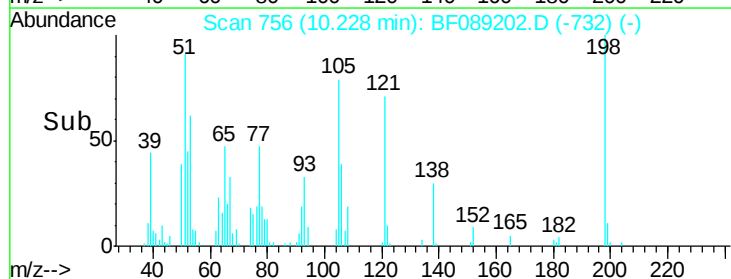
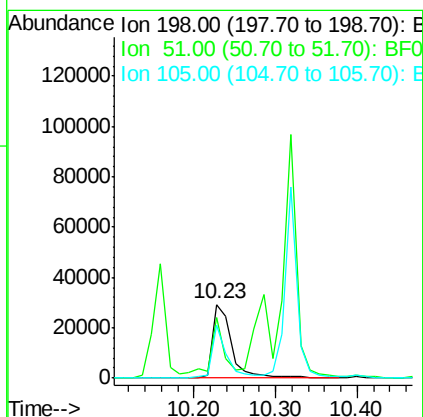
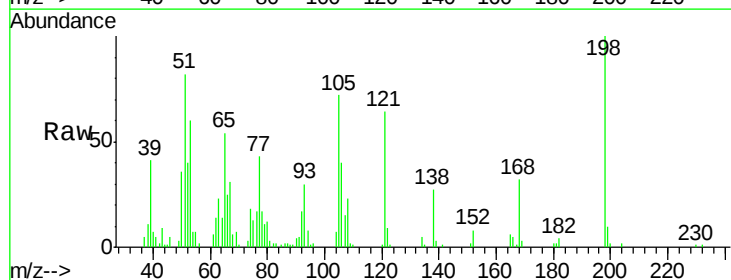
Instrument :
BNA_F
ClientSampleId :
PB92323BS

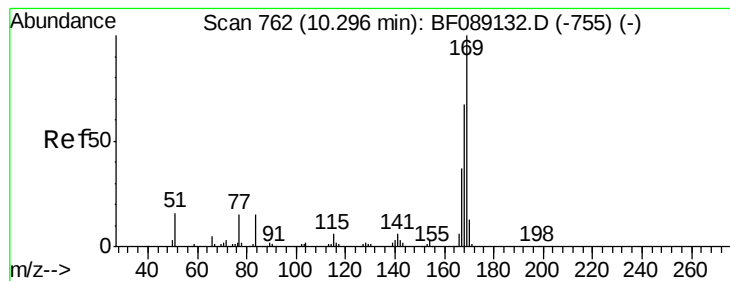
Tgt Ion:188 Resp: 198007
Ion Ratio Lower Upper
188 100
94 11.6 7.0 10.4#
80 13.5 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 41.89 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:198 Resp: 48289
Ion Ratio Lower Upper
198 100
51 81.8 11.7 51.7#
105 71.6 20.3 60.3#

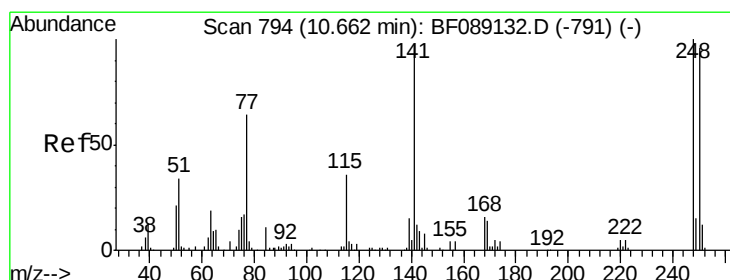
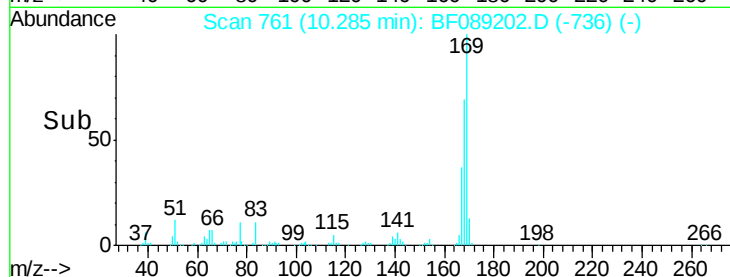
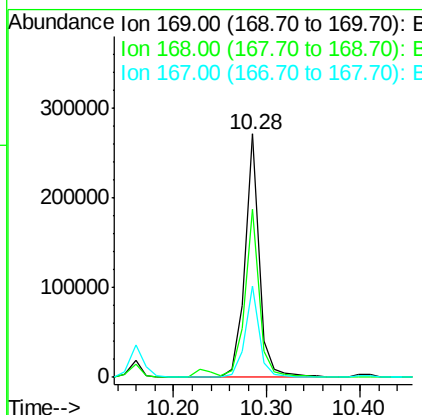
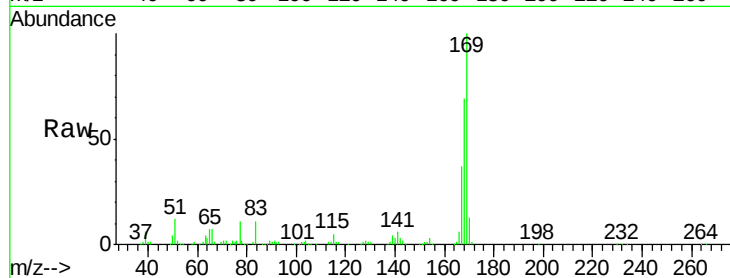




#65
n-Nitrosodiphenylamine
Concen: 43.95 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

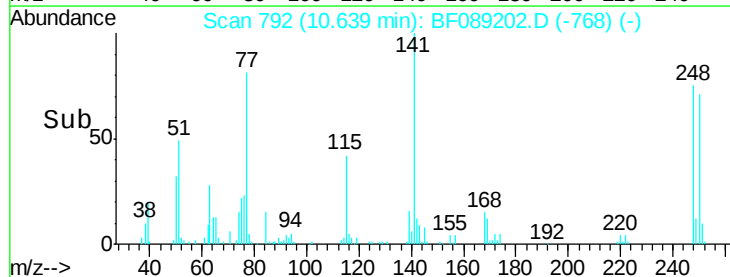
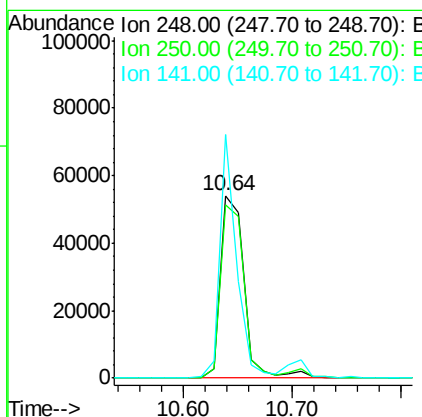
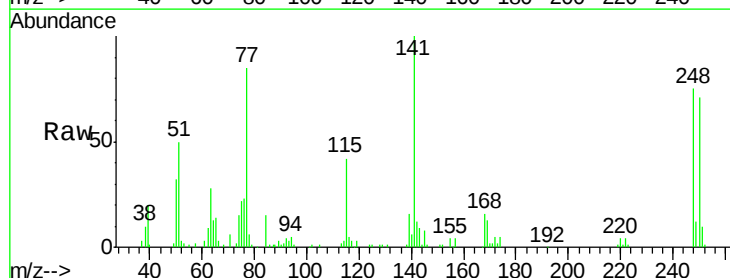
Instrument :
BNA_F
ClientSampleId :
PB92323BS

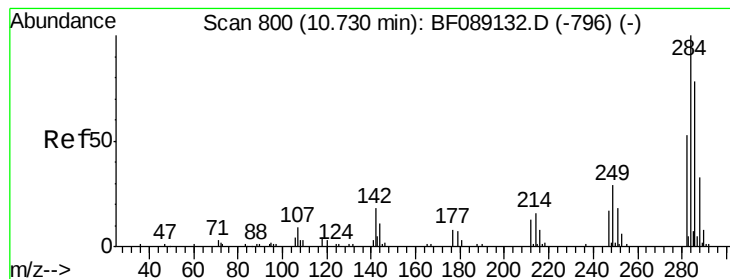
Tgt Ion:169 Resp: 290853
Ion Ratio Lower Upper
169 100
168 68.9 53.4 80.0
167 37.4 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 41.32 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:248 Resp: 80956
Ion Ratio Lower Upper
248 100
250 94.8 76.9 115.3
141 133.2 77.4 116.2#





#67

Hexachlorobenzene

Concen: 42.00 ng

RT: 10.71 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

PB92323BS

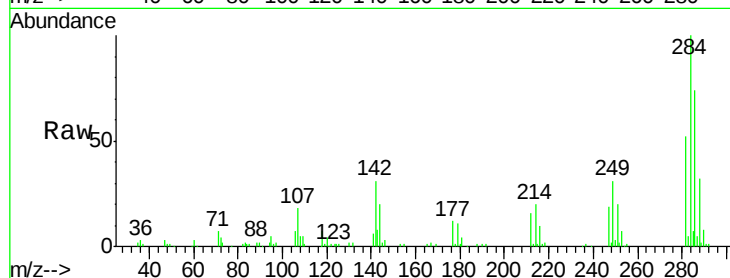
Tgt Ion:284 Resp: 88520

Ion Ratio Lower Upper

284 100

142 31.4 14.1 21.1#

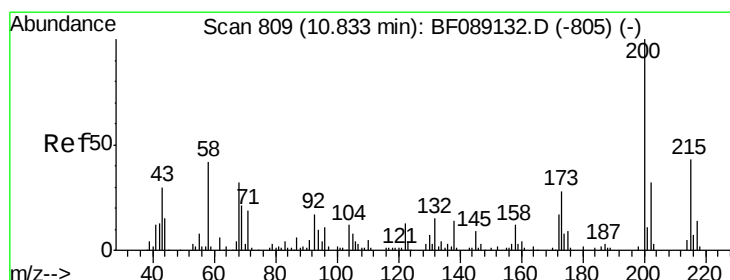
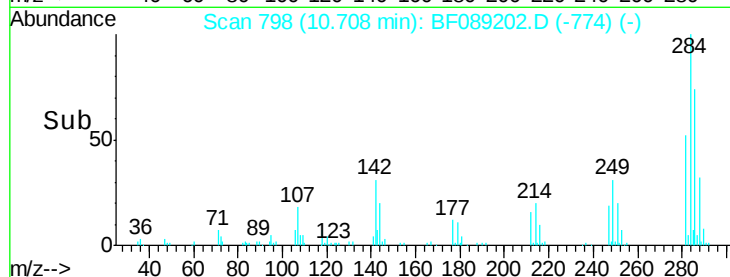
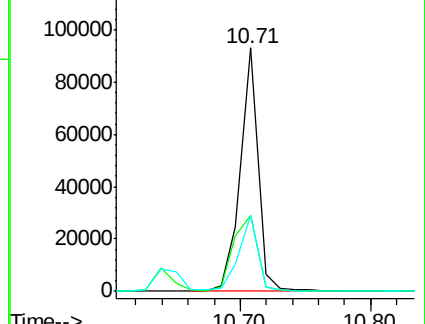
249 31.4 23.0 34.4



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: 40.46 ng

RT: 10.82 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

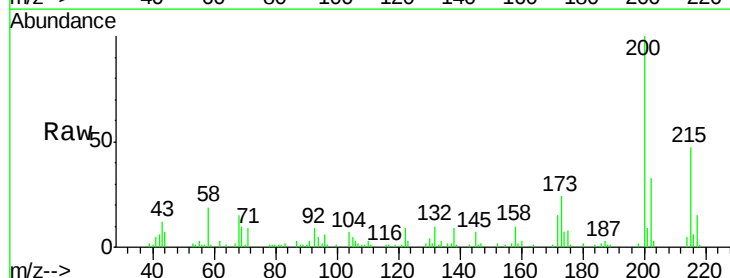
Tgt Ion:200 Resp: 83726

Ion Ratio Lower Upper

200 100

173 24.4 7.8 47.8

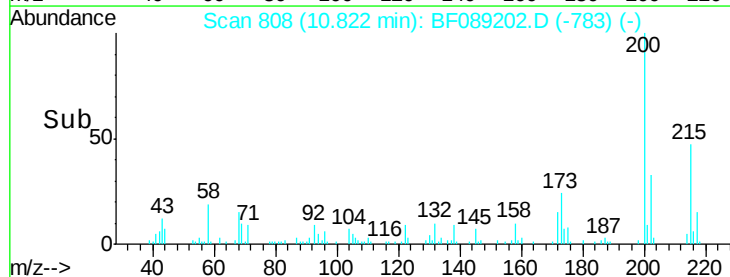
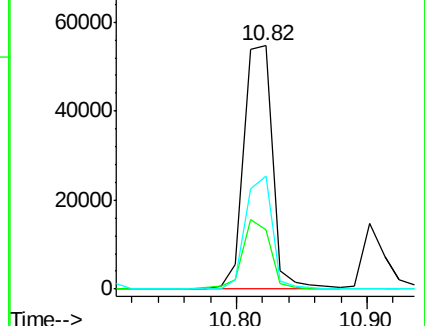
215 46.5 22.9 62.9

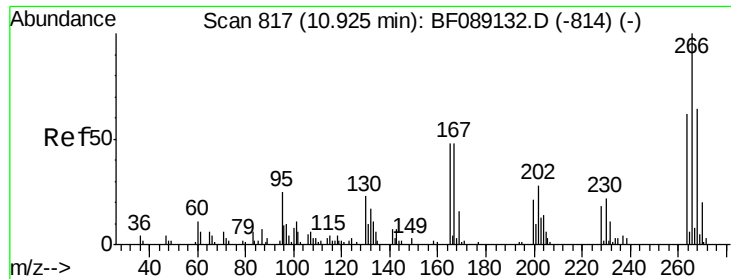


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

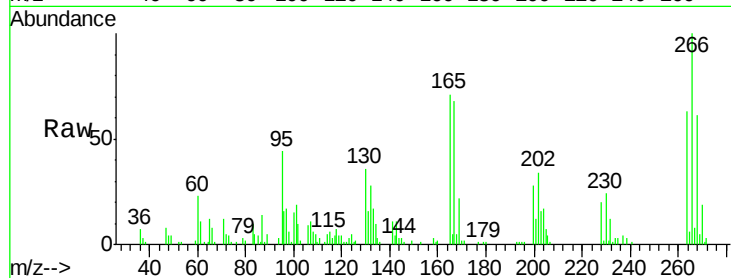




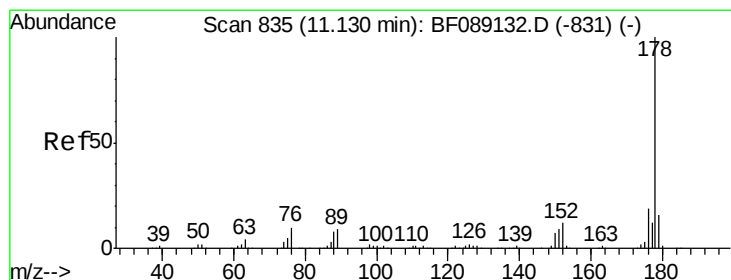
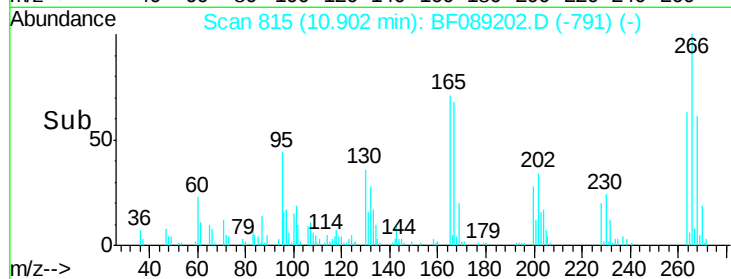
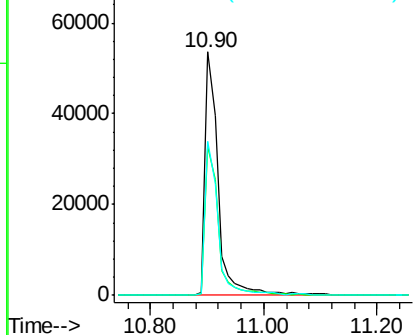
#69
 Pentachlorophenol
 Concen: 85.07 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

Tgt Ion:266 Resp: 82708
 Ion Ratio Lower Upper
 266 100
 268 61.3 51.2 76.8
 264 63.5 49.7 74.5

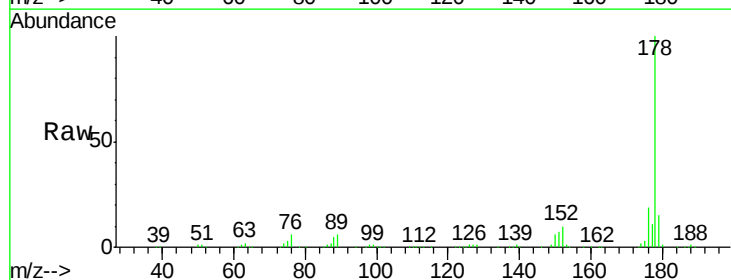


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

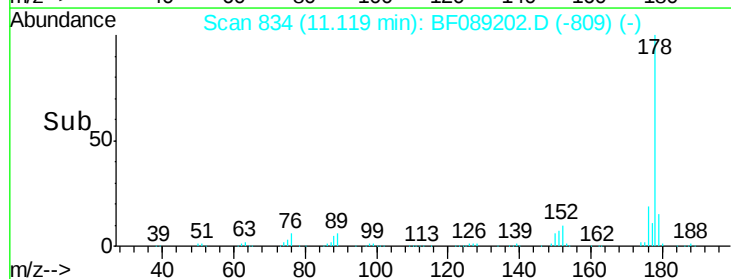
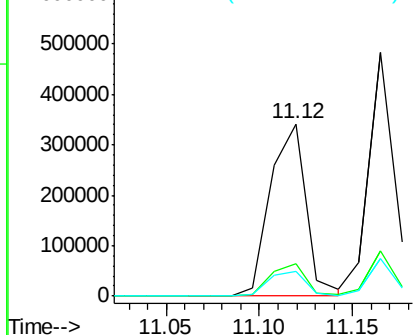


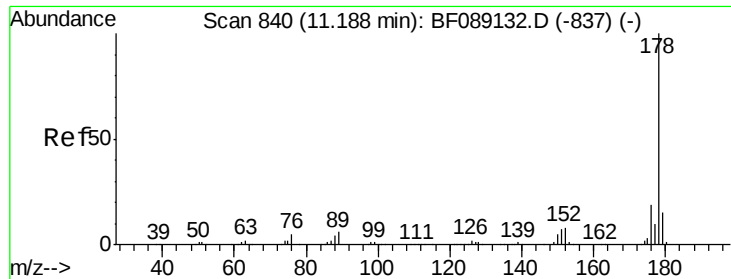
#70
 Phenanthrene
 Concen: 41.84 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion:178 Resp: 454452
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 14.7 12.4 18.6



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

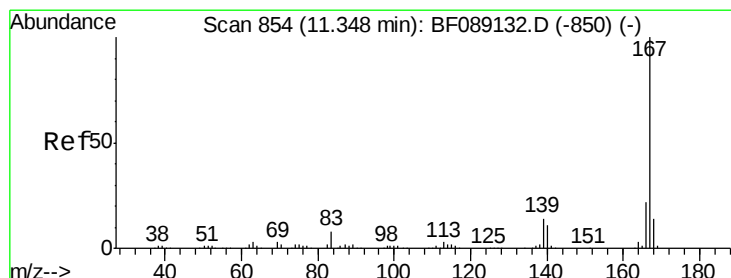
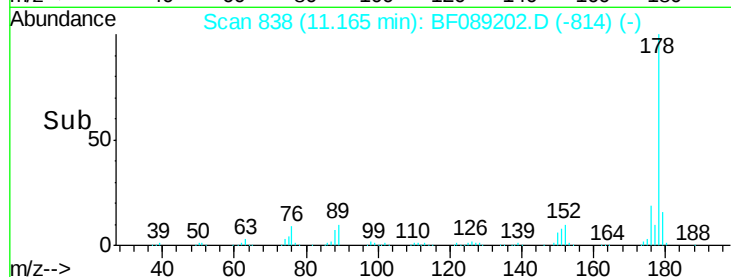
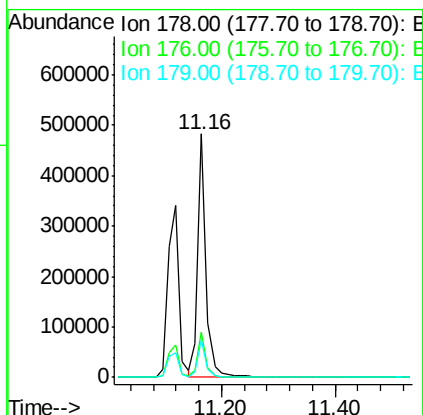
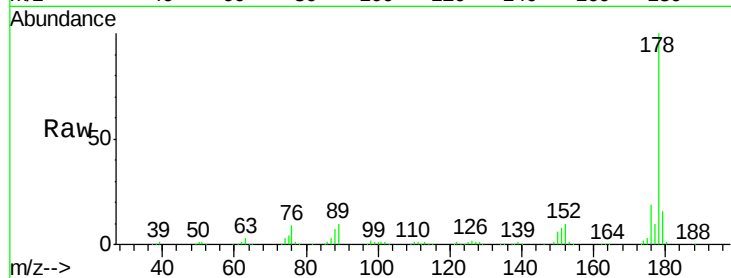




#71
 Anthracene
 Concen: 43.39 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

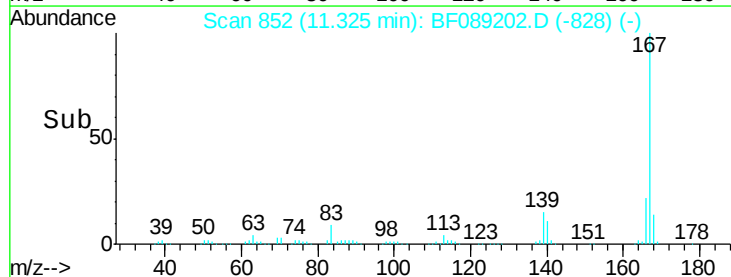
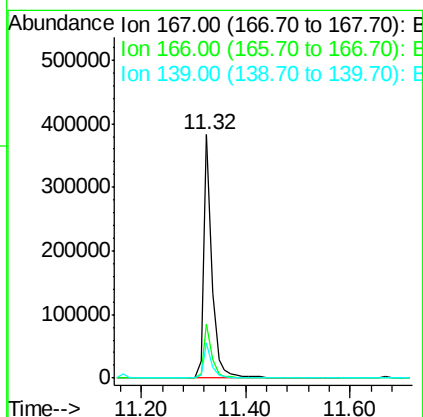
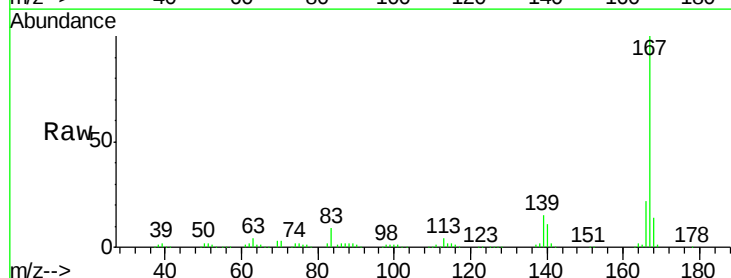
Instrument :
 BNA_F
 ClientSampleId :
 PB92323BS

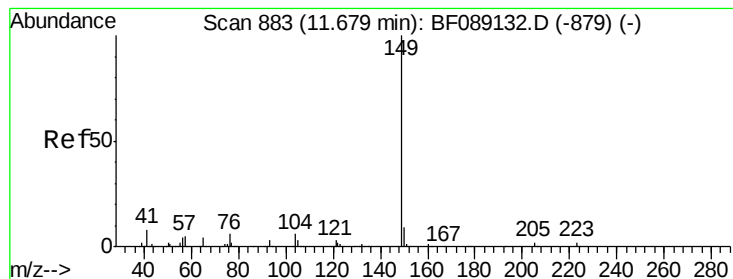
Tgt Ion:178 Resp: 489901
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.9 22.3
 179 15.6 12.0 18.0



#72
 Carbazole
 Concen: 42.81 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BF089202.D
 Acq: 22 Jul 2016 19:46

Tgt Ion:167 Resp: 424585
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 14.6 11.0 16.4





#73

Di-n-butylphthalate

Concen: 45.98 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

PB92323BS

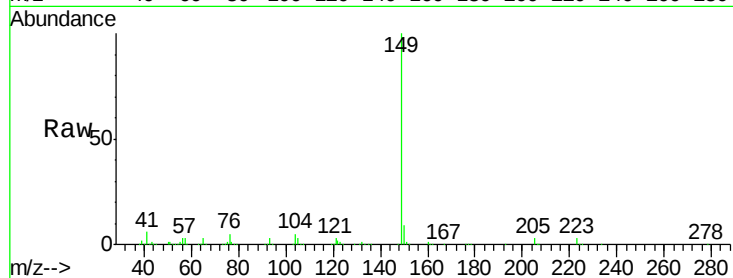
Tgt Ion:149 Resp: 563957

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

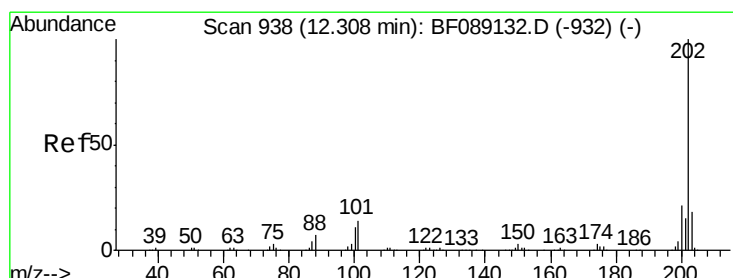
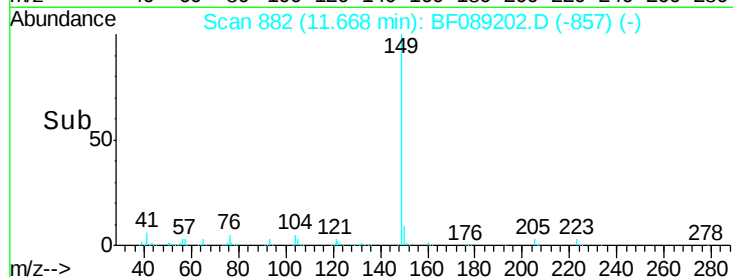
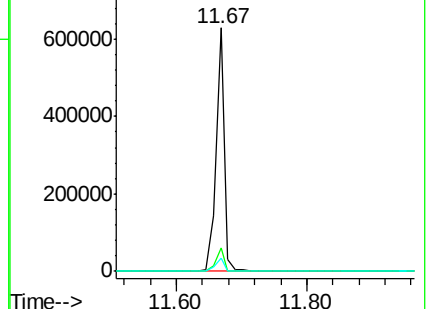
104 5.3 4.6 6.8



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: 42.07 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

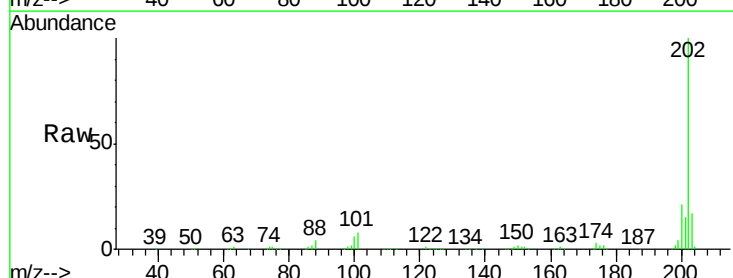
Tgt Ion:202 Resp: 480280

Ion Ratio Lower Upper

202 100

101 7.8 0.0 34.0

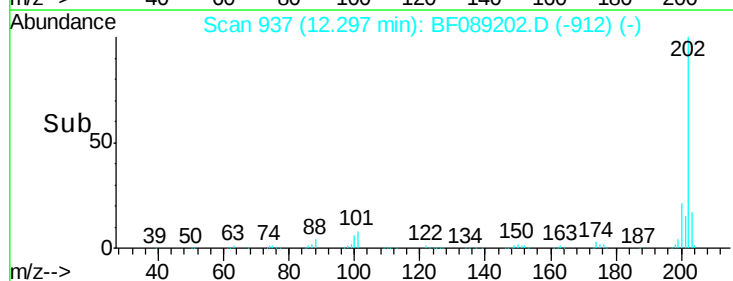
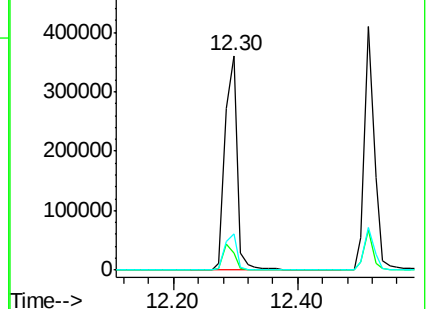
203 16.7 0.0 37.8

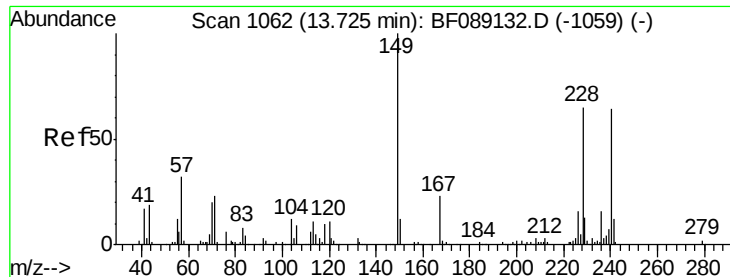


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

PB92323BS

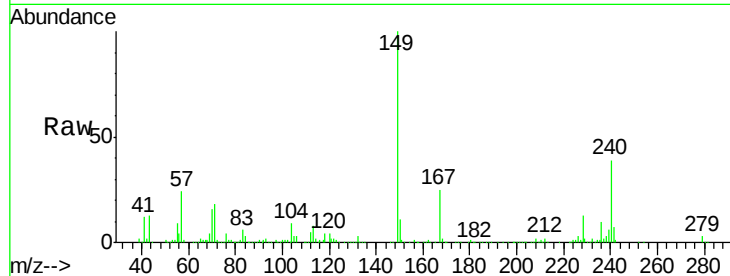
Tgt Ion:240 Resp: 139406

Ion Ratio Lower Upper

240 100

120 10.1 13.6 20.4#

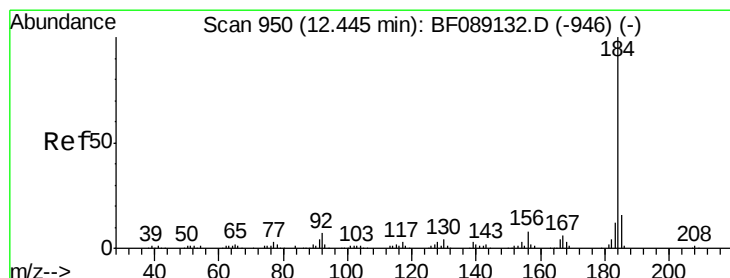
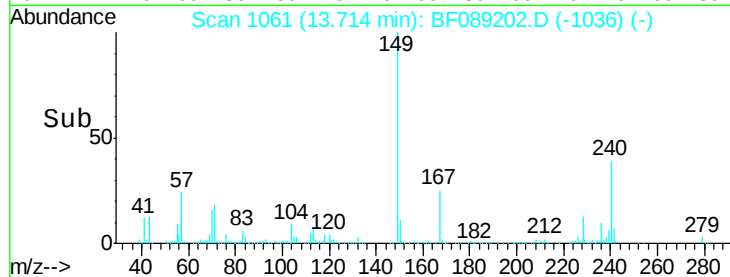
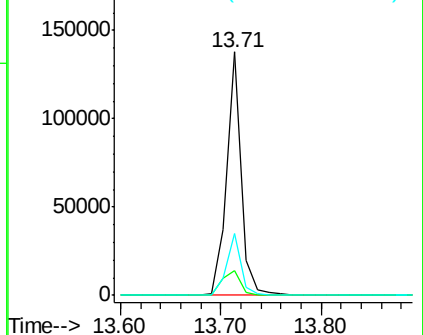
236 25.4 20.5 30.7



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: 36.65 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF089202.D

Acq: 22 Jul 2016 19:46

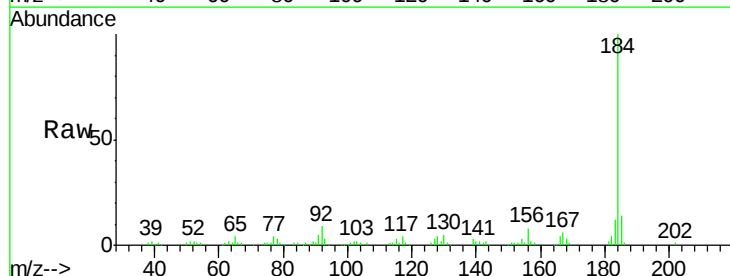
Tgt Ion:184 Resp: 175663

Ion Ratio Lower Upper

184 100

185 14.0 12.5 18.7

183 12.0 9.6 14.4



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

