

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
 Data File : BF092872.D
 Acq On : 8 Feb 2017 23:58
 Operator : SJ/MA
 Sample : I1751-04MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Quant Time: Feb 09 00:42:19 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 23:48:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	151514	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	584360	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	337387	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	562758	20.00	ng	0.00
75) Chrysene-d12	14.07	240	495391	20.00	ng	0.00
86) Perylene-d12	15.51	264	366215	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1112770	126.00	ng	0.02
7) Phenol-d6	6.54	99	1374252	120.94	ng	0.01
23) Nitrobenzene-d5	7.47	82	1035801	98.71	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	378344	155.05	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1909171	102.52	ng	0.00
78) Terphenyl-d14	13.01	244	1826004	86.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	175428	36.76	ng	# 73
3) Pyridine	3.38	79	339876	28.01	ng	88
4) n-Nitrosodimethylamine	3.31	42	254936	44.74	ng	91
6) Aniline	6.57	93	126810	8.18	ng	# 81
8) 2-Chlorophenol	6.69	128	453725	46.57	ng	89
9) Benzaldehyde	6.44	77	113324	13.92	ng	89
10) Phenol	6.56	94	470668	35.40	ng	79
11) bis(2-Chloroethyl)ether	6.64	93	463041	43.64	ng	92
12) 1,3-Dichlorobenzene	6.84	146	518991	45.48	ng	98
13) 1,4-Dichlorobenzene	6.84	146	518991	44.93	ng	95
14) 1,2-Dichlorobenzene	7.07	146	495301	44.85	ng	97
15) Benzyl Alcohol	7.05	79	400338	47.59	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	844989	45.83	ng	96
17) 2-Methylphenol	7.16	107	395849	47.36	ng	96
18) Hexachloroethane	7.41	117	169278	42.93	ng	90
19) n-Nitroso-di-n-propylamine	7.32	70	348918	48.24	ng	# 94
20) 3+4-Methylphenols	7.32	107	478620	47.89	ng	# 86
22) Acetophenone	7.31	105	610629	45.77	ng	# 95
24) Nitrobenzene	7.48	77	469004	43.53	ng	99
25) Isophorone	7.72	82	934577	47.79	ng	96
26) 2-Nitrophenol	7.80	139	274631	53.62	ng	92
27) 2,4-Dimethylphenol	7.85	122	473501	52.64	ng	94
28) bis(2-Chloroethoxy)methane	7.94	93	634685	49.01	ng	99
29) 2,4-Dichlorophenol	8.04	162	417557	49.77	ng	88
30) 1,2,4-Trichlorobenzene	8.12	180	416976	46.12	ng	95
31) Naphthalene	8.20	128	1293453	43.66	ng	99
32) Benzoic acid	7.98	122	244022	47.90	ng	86
33) 4-Chloroaniline	8.26	127	58884	5.07	ng	96
34) Hexachlorobutadiene	8.32	225	220320	44.29	ng	100
35) Caprolactam	8.64	113	73892	28.00	ng	# 57
36) 4-Chloro-3-methylphenol	8.75	107	458084	52.37	ng	97
37) 2-Methylnaphthalene	8.90	142	977035	51.37	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	396279	41.84	ng	99
40) Hexachlorocyclopentadiene	9.05	237	326758	76.47	ng	96

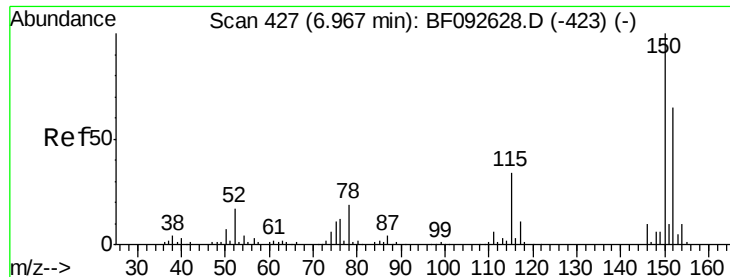
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	302488	48.61	ng	90
43) 2,4,5-Trichlorophenol	9.22	196	323220	47.40	ng	95
45) 1,1'-Biphenyl	9.36	154	1073492	43.94	ng	97
46) 2-Chloronaphthalene	9.39	162	942329	49.31	ng	96
47) 2-Nitroaniline	9.48	65	268669	41.81	ng	98
48) Acenaphthylene	9.80	152	1444218	43.74	ng	99
49) Dimethylphthalate	9.66	163	1086304	47.80	ng	99
50) 2,6-Dinitrotoluene	9.73	165	256998	52.37	ng #	70
51) Acenaphthene	9.97	154	925233	46.87	ng	96
52) 3-Nitroaniline	9.89	138	26092	4.65	ng #	79
53) 2,4-Dinitrophenol	10.01	184	249608	98.80	ng #	78
54) Dibenzofuran	10.14	168	1238478	46.91	ng	97
55) 4-Nitrophenol	10.08	139	391176	96.70	ng	83
56) 2,4-Dinitrotoluene	10.13	165	317708	48.62	ng	96
57) Fluorene	10.49	166	964312	47.48	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	250666	55.11	ng	96
59) Diethylphthalate	10.36	149	1043232	48.71	ng	99
60) 4-Chlorophenyl-phenylether	10.48	204	413619	42.39	ng	92
61) 4-Nitroaniline	10.51	138	185379	32.23	ng	93
62) Azobenzene	10.64	77	1114438	50.37	ng	97
64) 4,6-Dinitro-2-methylphenol	10.54	198	195910	56.68	ng	93
65) n-Nitrosodiphenylamine	10.60	169	829524	46.14	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	273527	46.52	ng	96
67) Hexachlorobenzene	11.04	284	285471	49.13	ng	96
68) Atrazine	11.13	200	218942	37.95	ng	97
69) Pentachlorophenol	11.23	266	295450	96.84	ng	97
70) Phenanthrene	11.45	178	1401625	43.47	ng	98
71) Anthracene	11.50	178	1631045	50.38	ng	98
72) Carbazole	11.65	167	1123585	36.30	ng	99
73) Di-n-butylphthalate	11.99	149	1791525	53.52	ng #	97
74) Fluoranthene	12.64	202	1511344	45.44	ng	97
77) Pyrene	12.87	202	1528363	41.23	ng	99
79) Butylbenzylphthalate	13.48	149	785972	52.21	ng	87
80) Benzo(a)anthracene	14.05	228	1355099	44.72	ng	99
81) 3,3'-Dichlorobenzidine	14.01	252	58481	5.41	ng	96
82) Chrysene	14.09	228	1073853	37.85	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	1048847	50.94	ng #	95
84) Di-n-octyl phthalate	14.65	149	1737422	51.82	ng	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	1150010	52.34	ng	95
87) Benzo(b)fluoranthene	15.09	252	1262337	52.37	ng	99
88) Benzo(k)fluoranthene	15.09	252	1262337	60.65	ng	99
89) Benzo(a)pyrene	15.45	252	1143689	54.85	ng	97
90) Dibenzo(a,h)anthracene	16.97	278	962030	57.09	ng	98
91) Benzo(g,h,i)perylene	17.38	276	974060	57.22	ng #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

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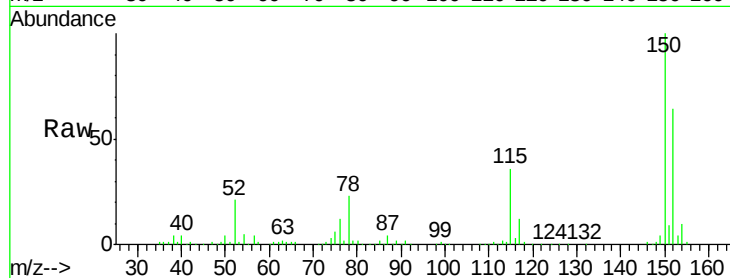
Tgt Ion:152 Resp: 151514

Ion Ratio Lower Upper

152 100

150 157.4 124.9 187.3

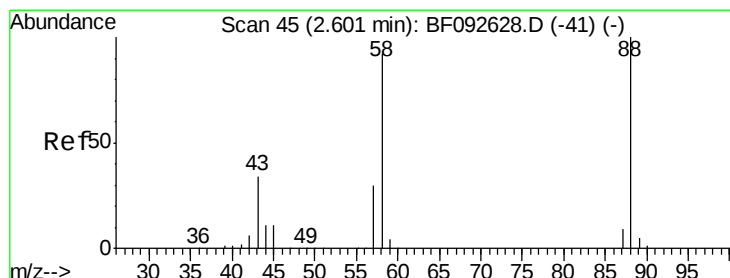
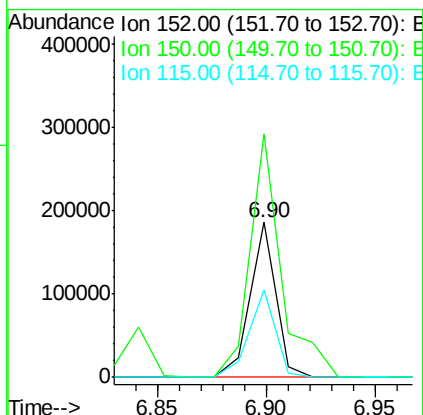
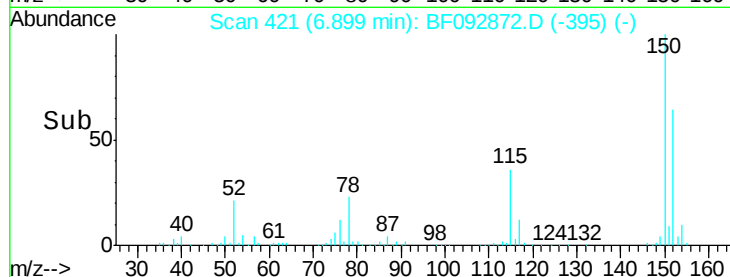
115 56.7 46.0 69.0



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: 36.76 ng

RT: 2.67 min Scan# 51

Delta R.T. 0.17 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

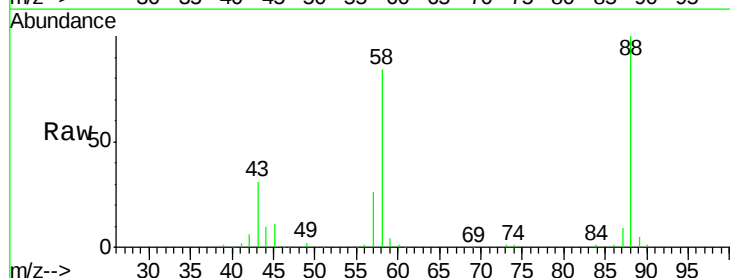
Tgt Ion: 88 Resp: 175428

Ion Ratio Lower Upper

88 100

58 86.7 57.8 86.8

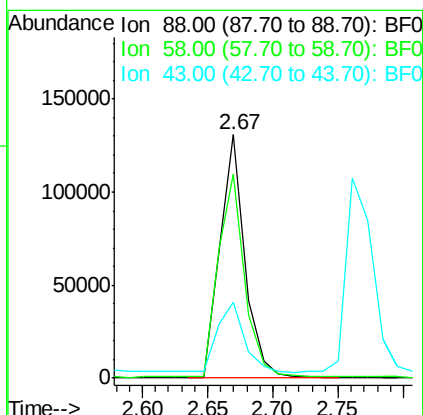
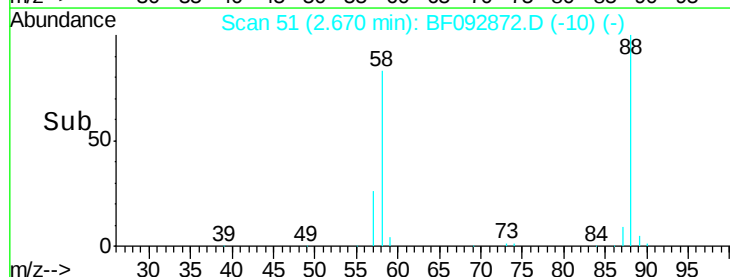
43 0.0 22.3 33.5#

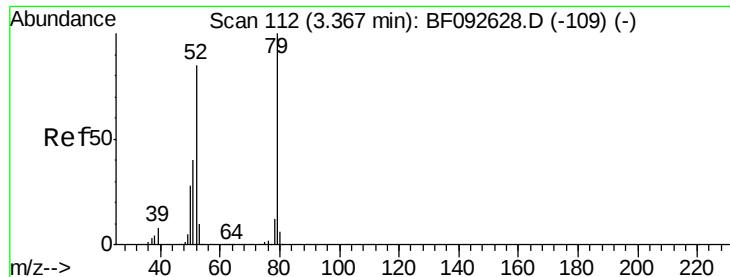


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 28.01 ng

RT: 3.38 min Scan# 113

Delta R.T. 0.16 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

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ClientSampleId :

ROLL-OFF-COMPMS

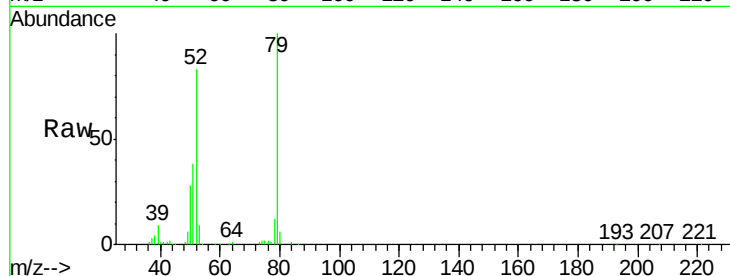
Tgt Ion: 79 Resp: 339876

Ion Ratio Lower Upper

79 100

52 83.2 57.1 85.7

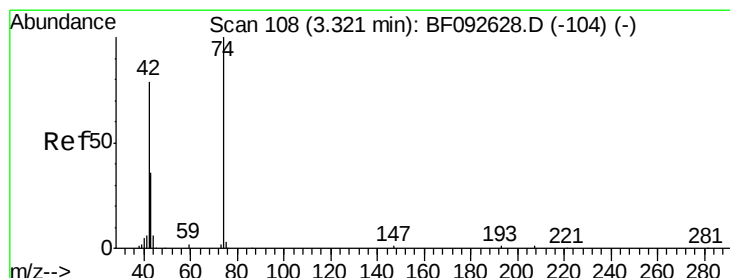
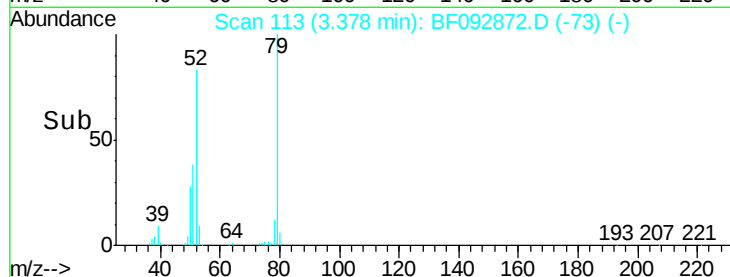
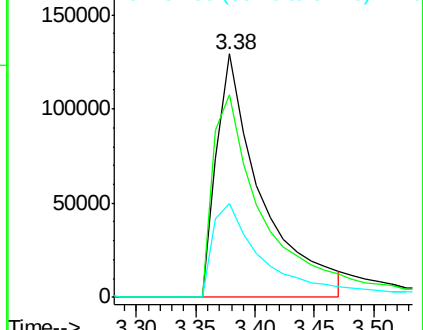
51 38.4 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.74 ng

RT: 3.31 min Scan# 107

Delta R.T. 0.13 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

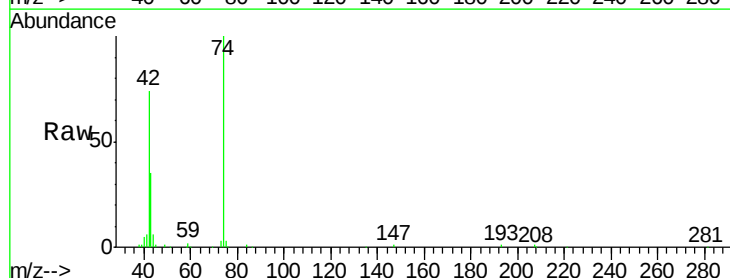
Tgt Ion: 42 Resp: 254936

Ion Ratio Lower Upper

42 100

74 134.3 117.0 175.4

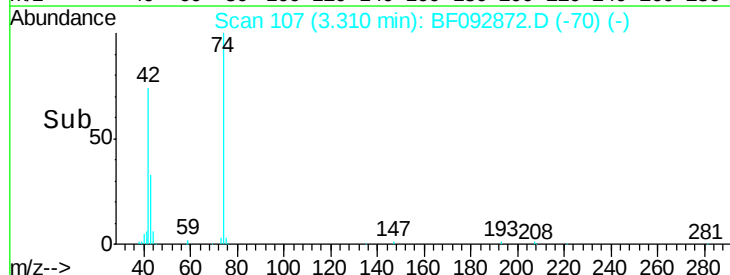
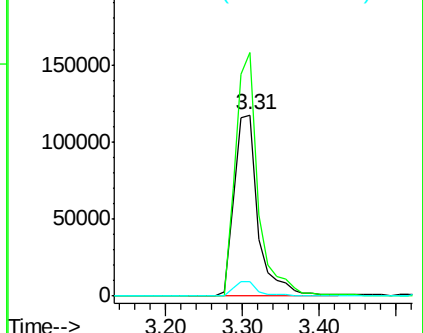
44 8.2 5.5 8.3

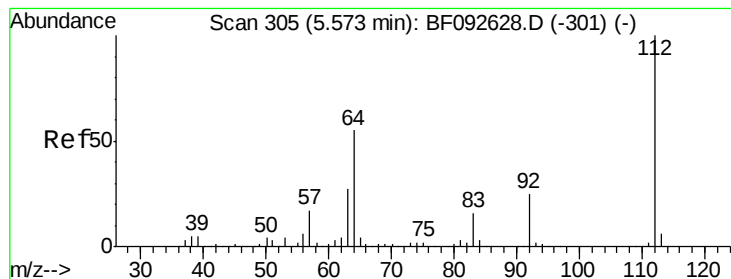


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 126.00 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

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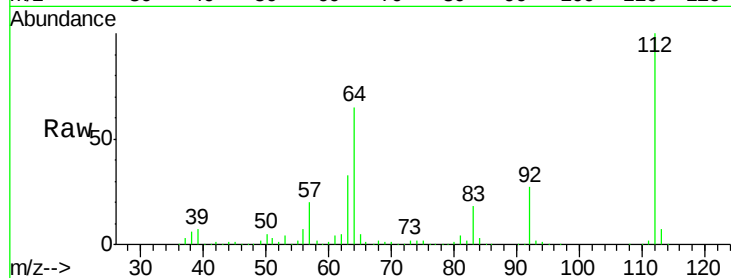
Tgt Ion: 112 Resp: 1112770

Ion Ratio Lower Upper

112 100

64 64.6 46.1 69.1

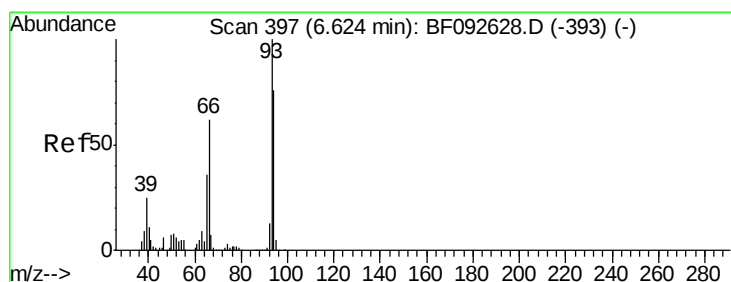
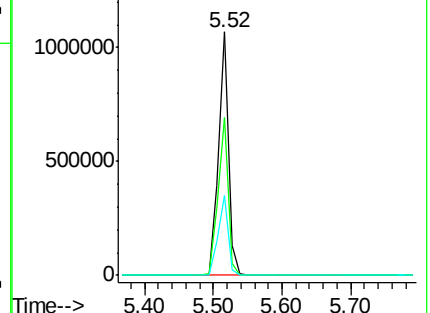
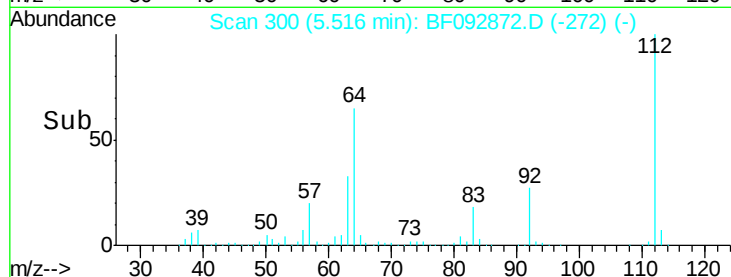
63 32.7 23.8 35.6



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: 8.18 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

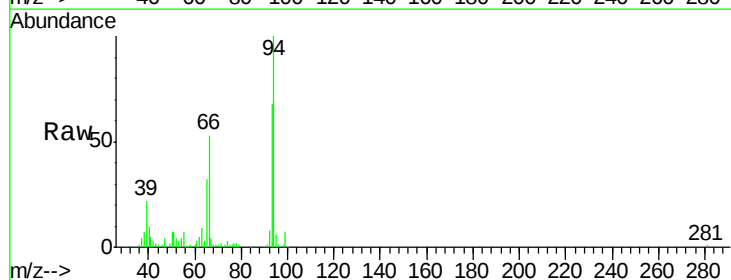
Tgt Ion: 93 Resp: 126810

Ion Ratio Lower Upper

93 100

66 77.6 76.2 114.2

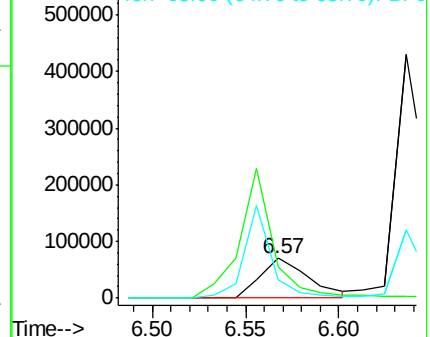
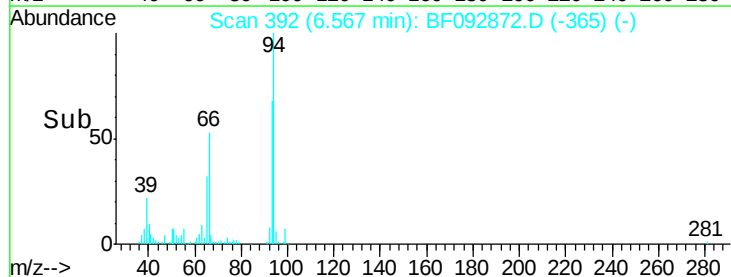
65 46.4 49.3 73.9#

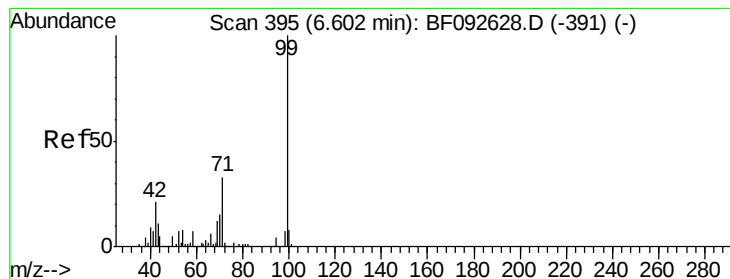


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.94 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

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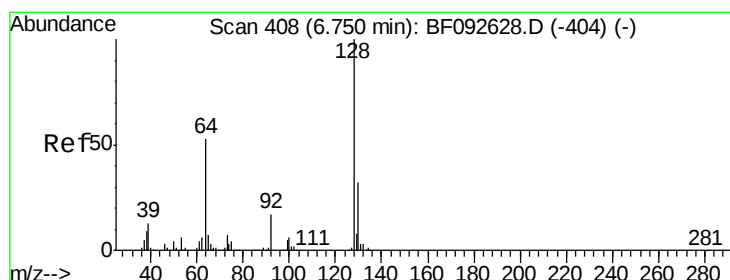
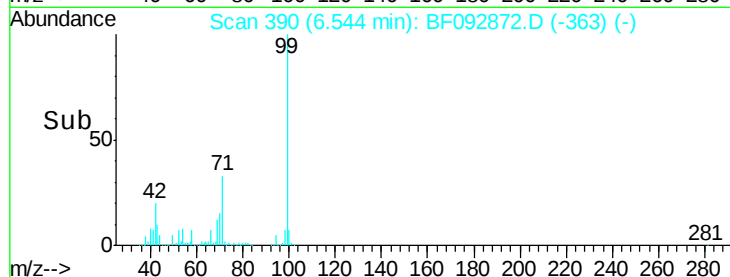
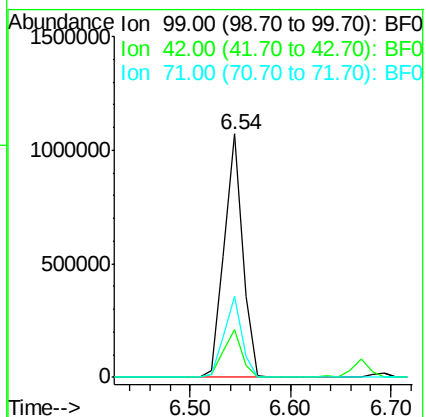
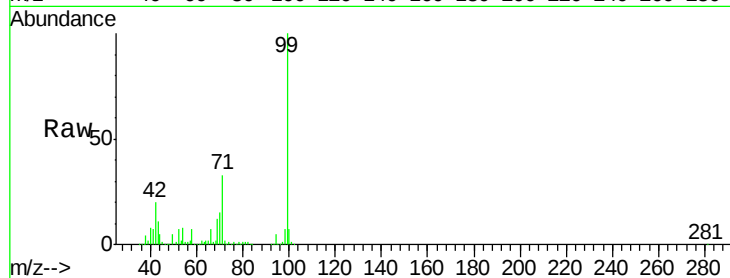
Tgt Ion: 99 Resp: 1374252

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

71 33.1 27.5 41.3



#8

2-Chlorophenol

Concen: 46.57 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.01 min

Lab File: BF092872.D

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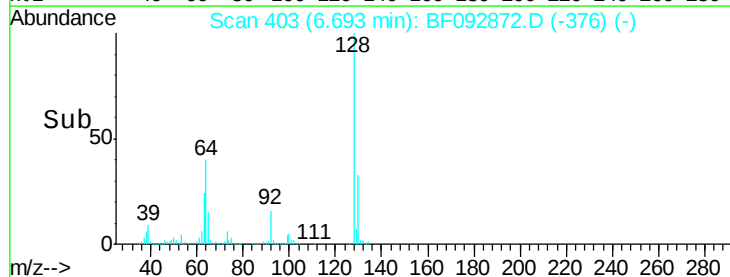
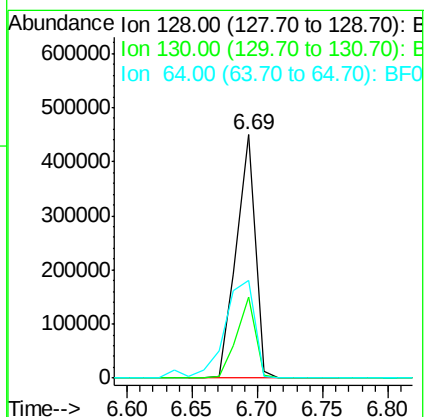
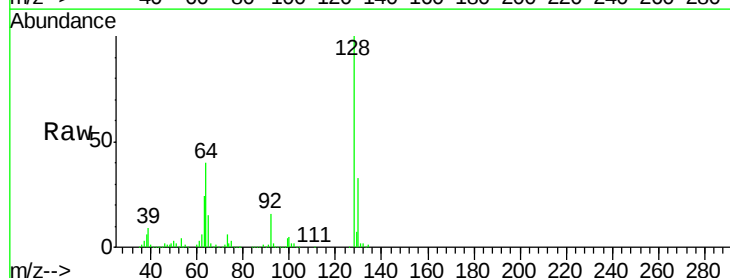
Tgt Ion: 128 Resp: 453725

Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

64 39.9 32.2 72.2





#9

Benzaldehyde

Concen: 13.92 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

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ClientSampleId :

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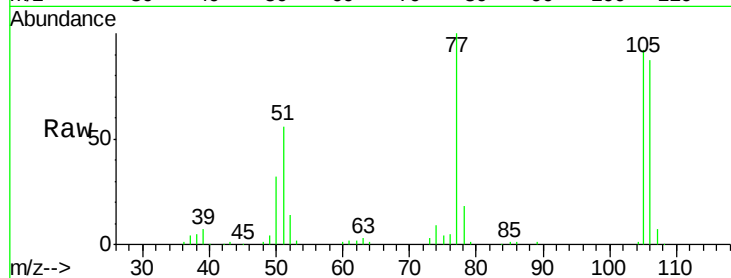
Tgt Ion: 77 Resp: 113324

Ion Ratio Lower Upper

77 100

105 91.9 83.9 123.9

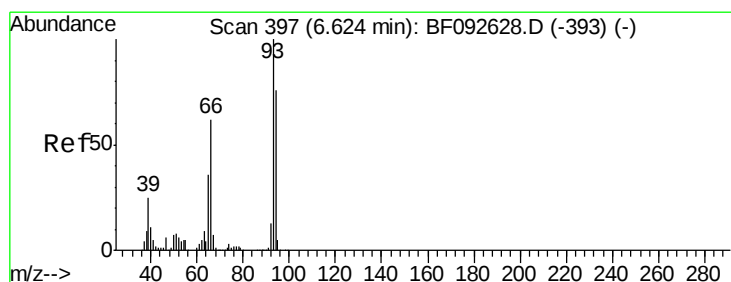
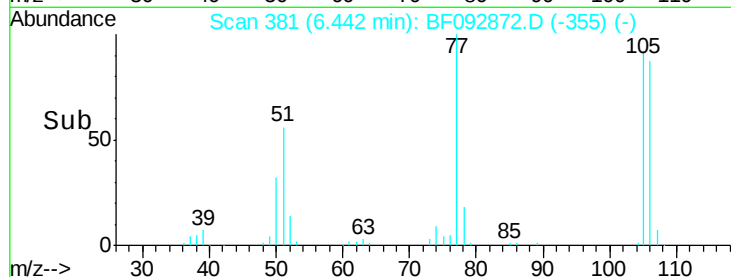
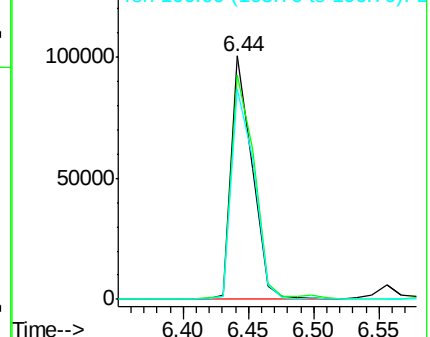
106 86.6 77.6 117.6



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: 35.40 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

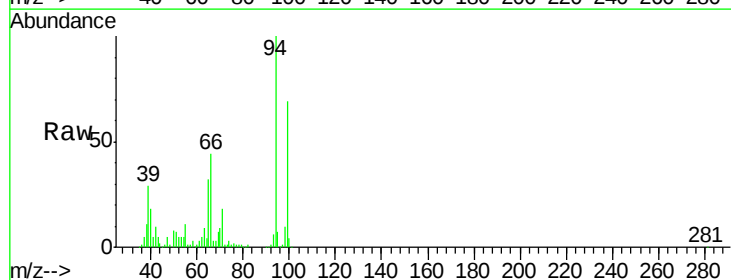
Tgt Ion: 94 Resp: 470668

Ion Ratio Lower Upper

94 100

65 31.9 21.4 61.4

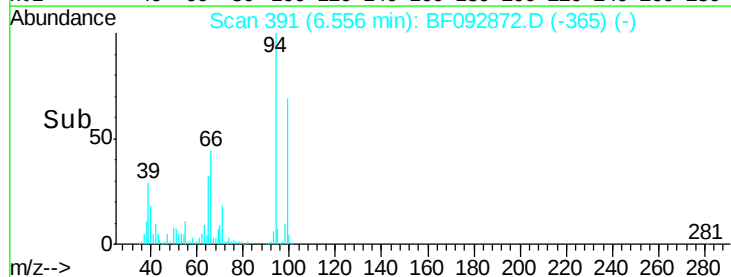
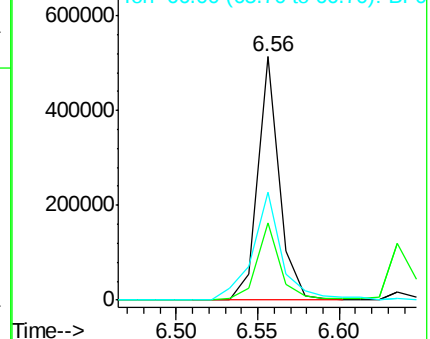
66 44.5 44.0 84.0



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: 43.64 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

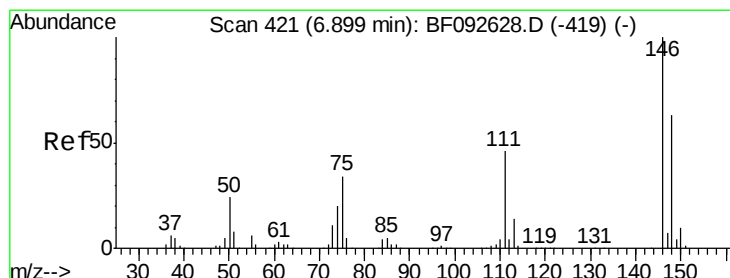
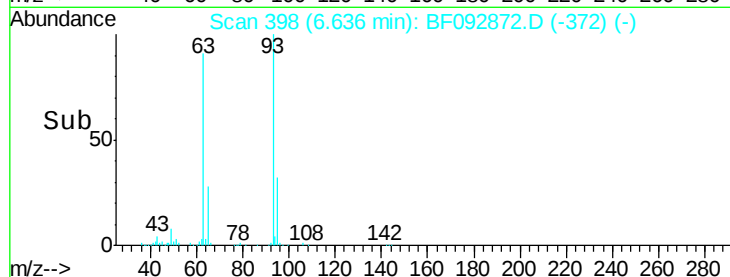
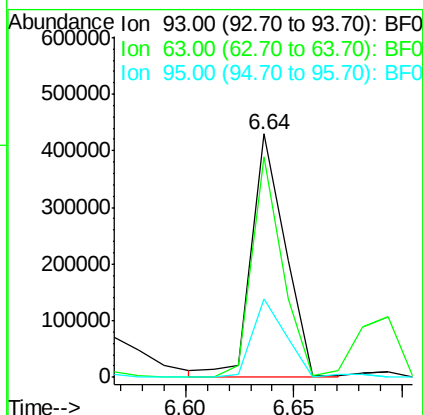
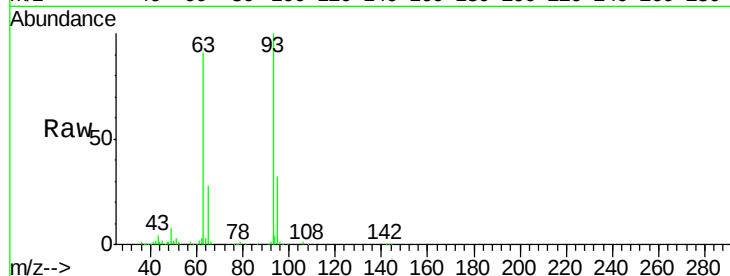
Tgt Ion: 93 Resp: 463041

Ion Ratio Lower Upper

93 100

63 90.6 60.4 100.4

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 45.48 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

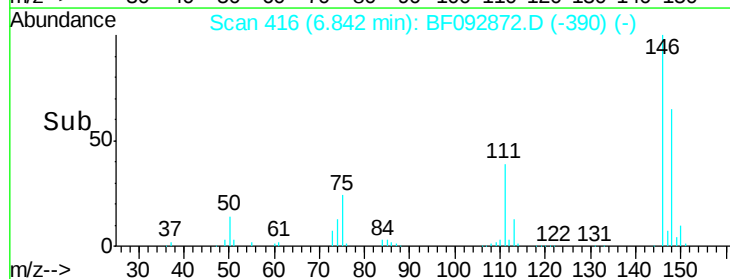
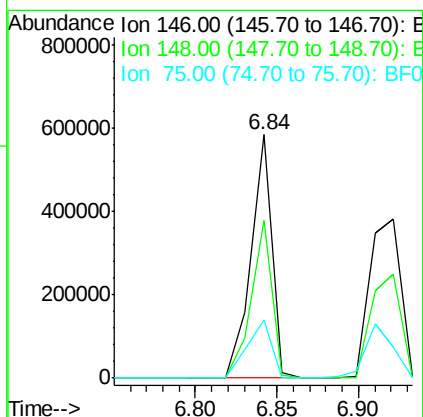
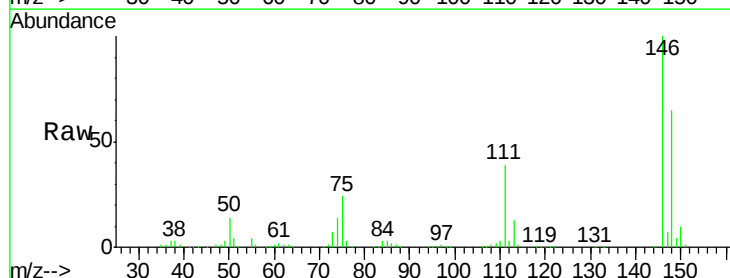
Tgt Ion: 146 Resp: 518991

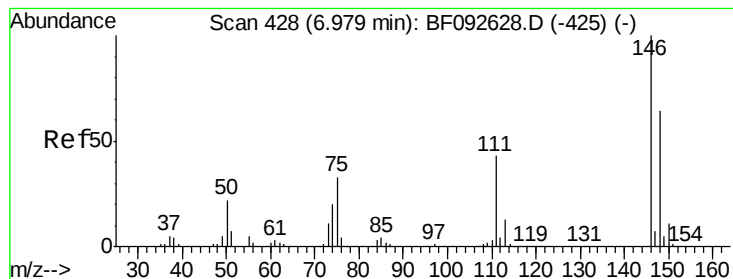
Ion Ratio Lower Upper

146 100

148 64.9 53.4 80.0

75 24.0 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 44.93 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.07 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

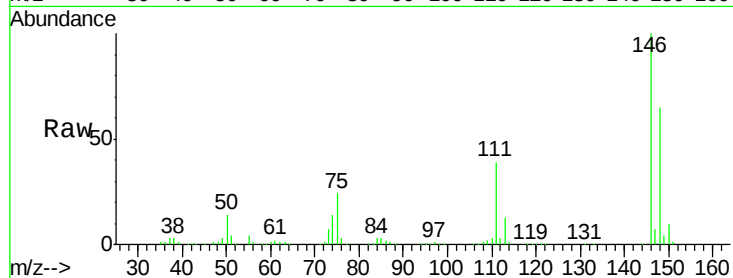
Tgt Ion:146 Resp: 518991

Ion Ratio Lower Upper

146 100

148 64.9 50.6 76.0

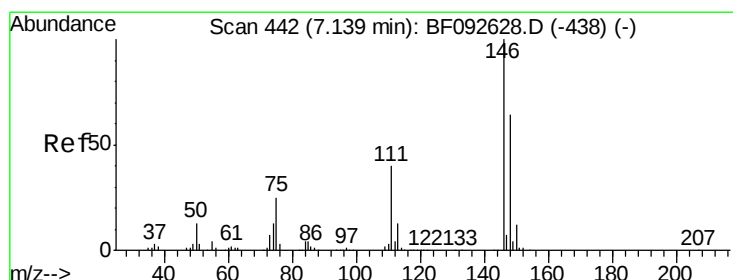
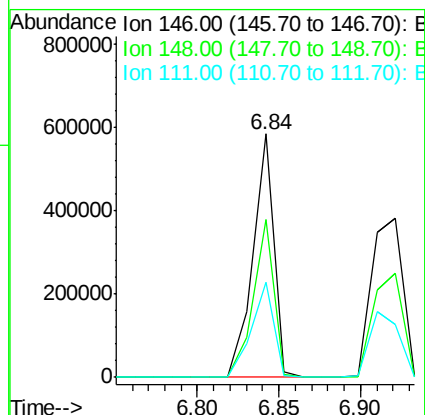
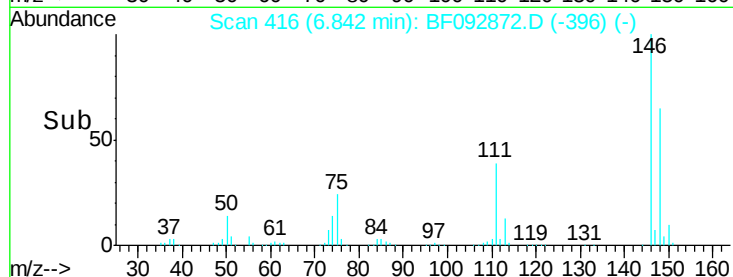
111 39.0 36.2 54.4



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: 44.85 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

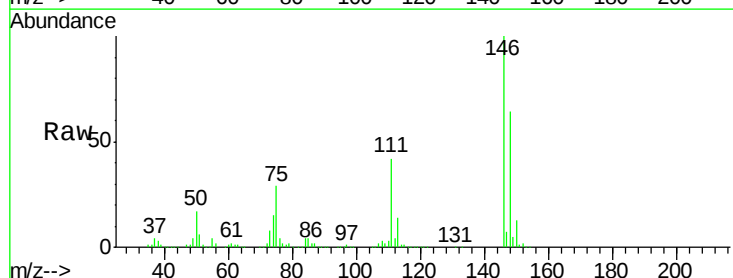
Tgt Ion:146 Resp: 495301

Ion Ratio Lower Upper

146 100

148 63.5 52.2 78.2

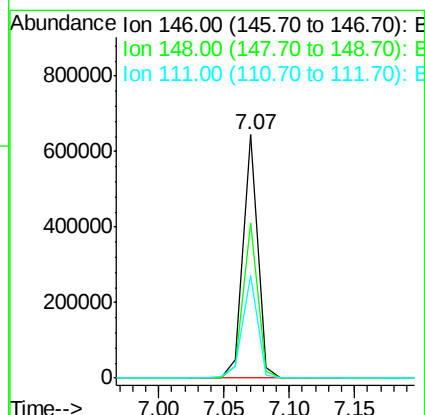
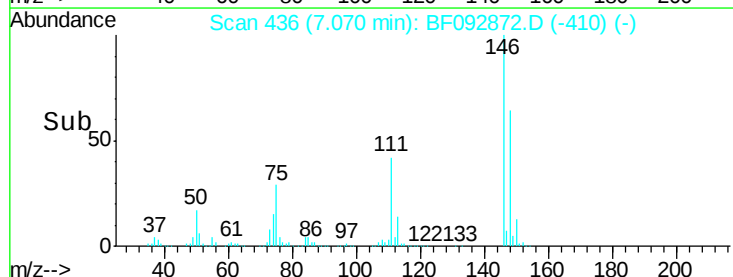
111 42.5 36.2 54.2



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

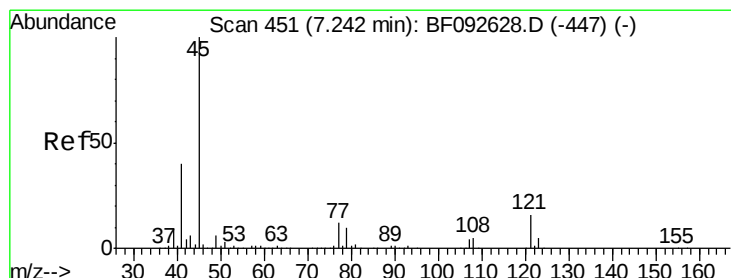
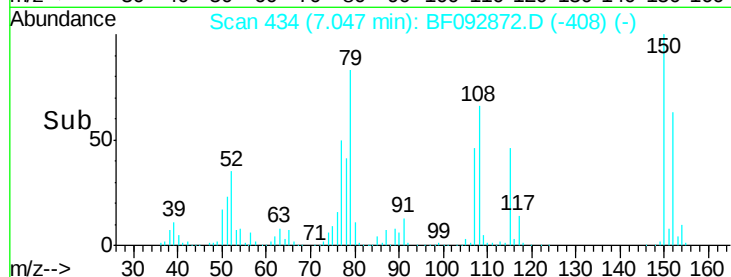
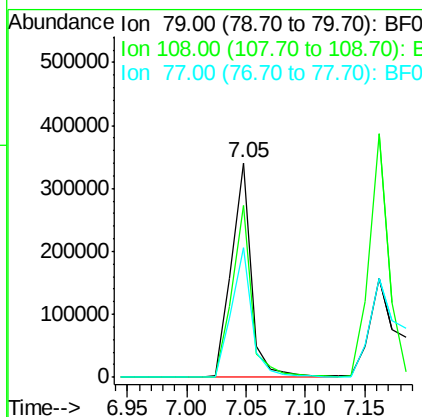
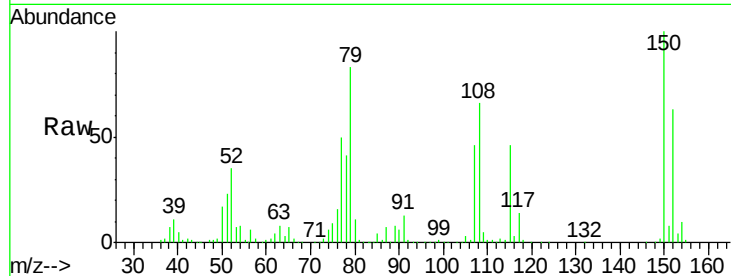




#15
Benzyl Alcohol
Concen: 47.59 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

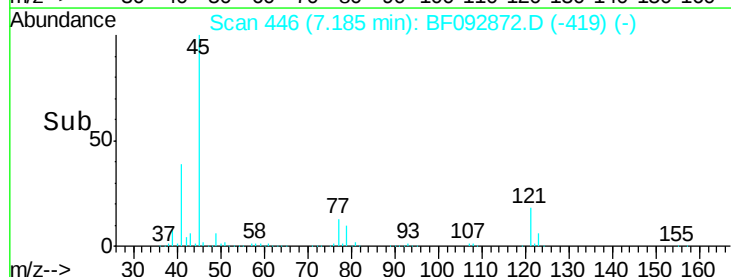
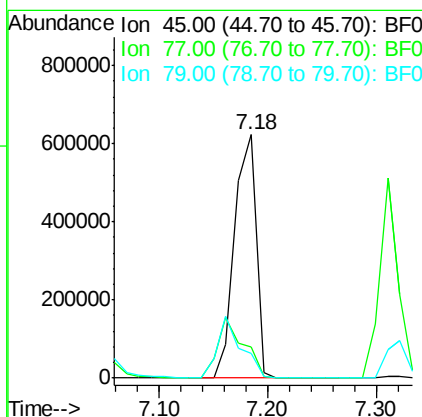
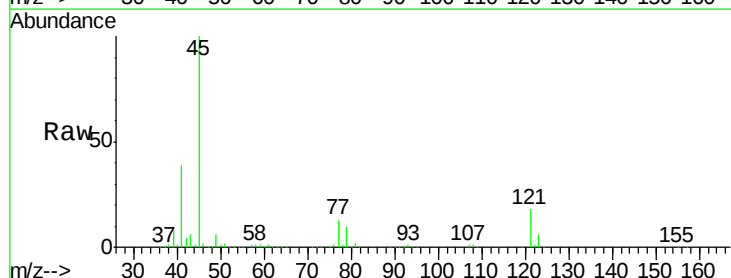
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tgt Ion: 79 Resp: 400338
Ion Ratio Lower Upper
79 100
108 80.1 61.4 92.0
77 60.6 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.83 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion: 45 Resp: 844989
Ion Ratio Lower Upper
45 100
77 12.6 0.0 34.6
79 10.2 0.0 31.2

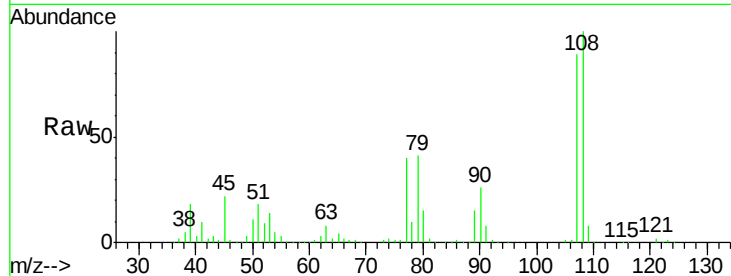




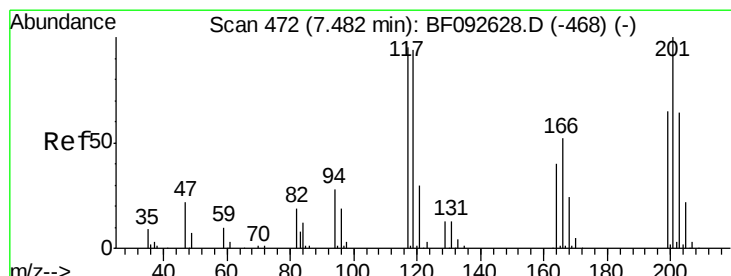
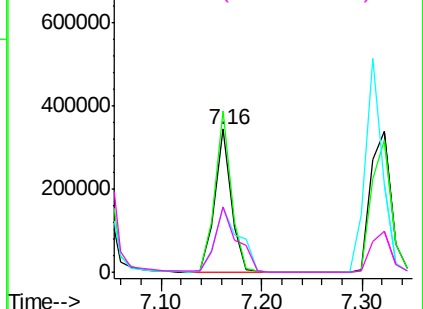
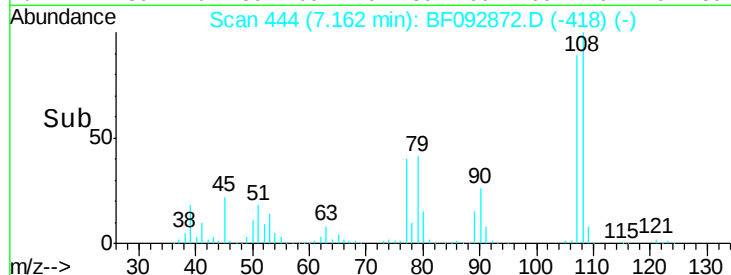
#17
2-Methylphenol
Concen: 47.36 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tgt Ion:	107	Resp:	395849
Ion	Ratio	Lower	Upper
107	100		
108	112.4	93.0	139.6
77	45.5	39.8	59.8
79	45.7	38.0	57.0

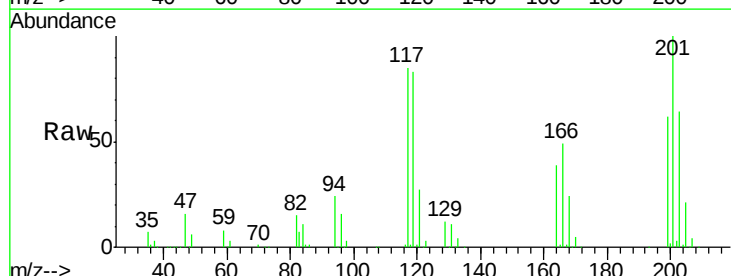


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

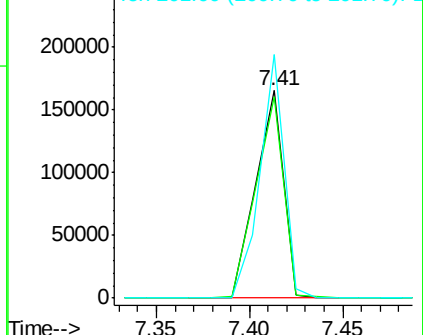
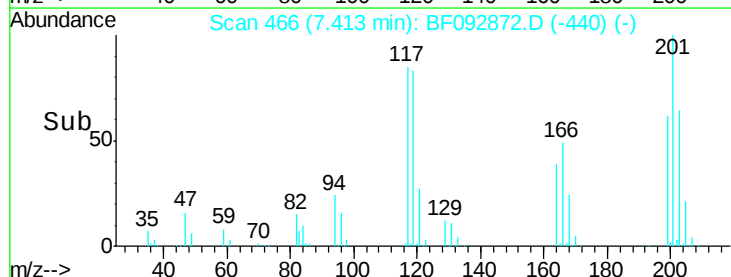


#18
Hexachloroethane
Concen: 42.93 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion:	117	Resp:	169278
Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.1	117.1
201	117.4	78.6	117.8



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

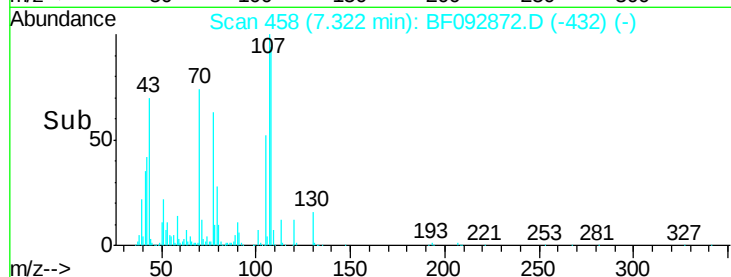
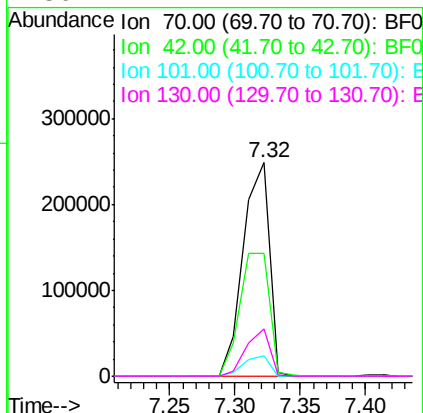
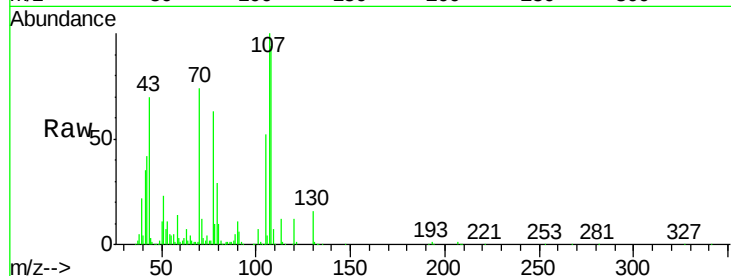




#19
n-Nitroso-di-n-propylamine
Concen: 48.24 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

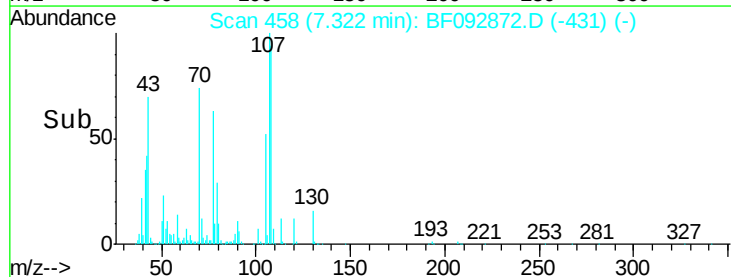
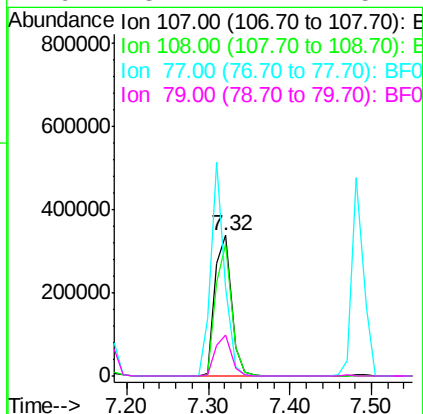
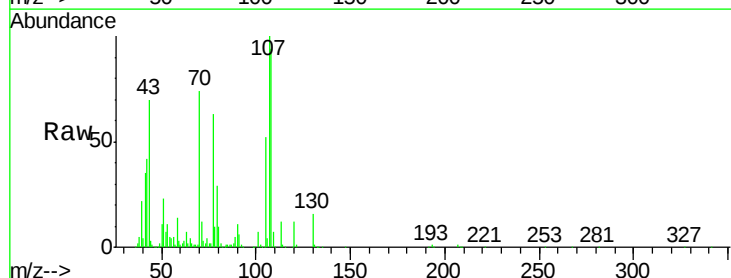
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

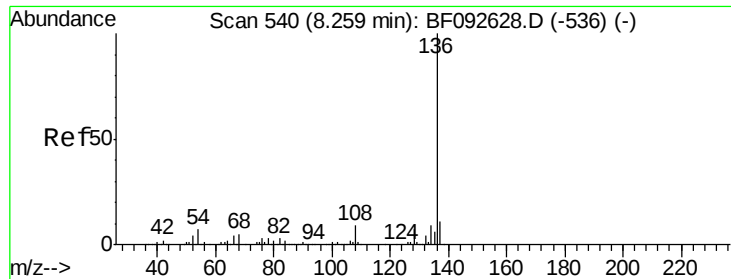
Tgt Ion: 70 Resp: 348918
Ion Ratio Lower Upper
70 100
42 57.5 49.4 74.0
101 9.8 7.4 11.2
130 22.2 14.2 21.4#



#20
3+4-Methylphenols
Concen: 47.89 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion: 107 Resp: 478620
Ion Ratio Lower Upper
107 100
108 94.2 73.0 113.0
77 63.2 71.3 111.3#
79 28.7 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

Tgt Ion:136 Resp: 584360

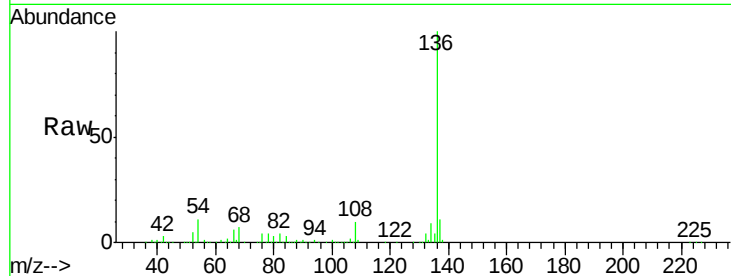
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 11.2 4.5 6.7#

68 7.2 3.6 5.4#

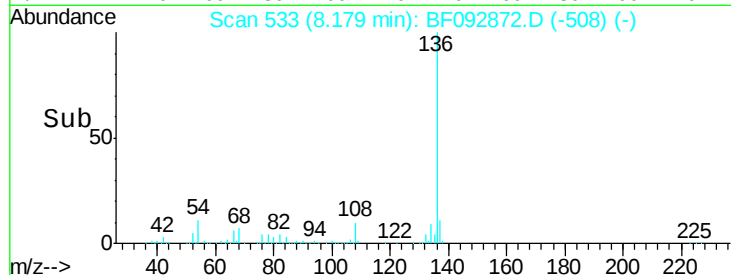


Abundance Ion 136.00 (135.70 to 136.70): E

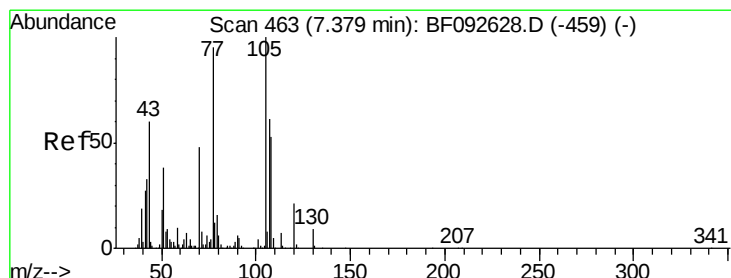
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 45.77 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Tgt Ion:105 Resp: 610629

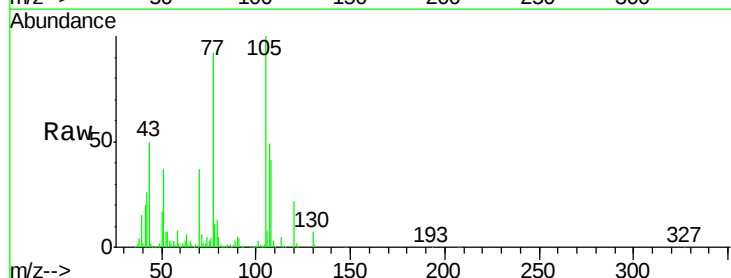
Ion Ratio Lower Upper

105 100

71 6.4 3.2 4.8#

51 36.9 26.2 39.4

120 21.6 16.6 24.8

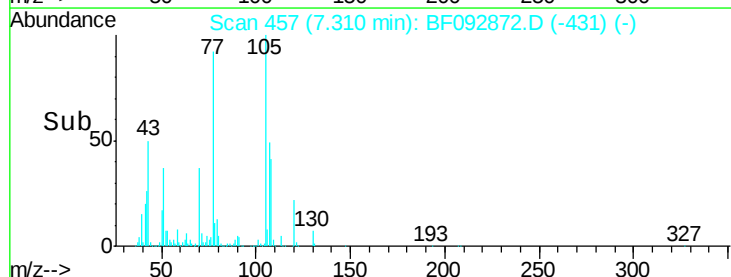


Abundance Ion 105.00 (104.70 to 105.70): E

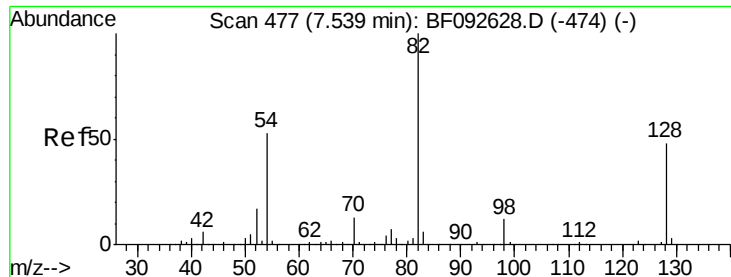
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



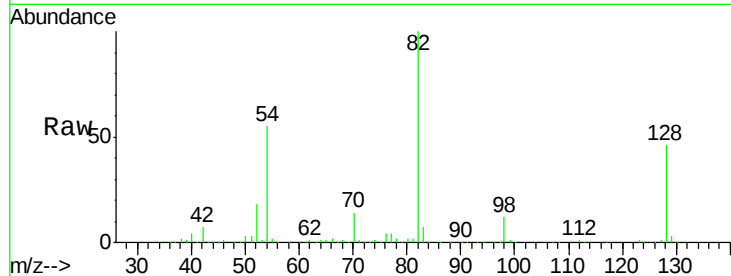
Time-->



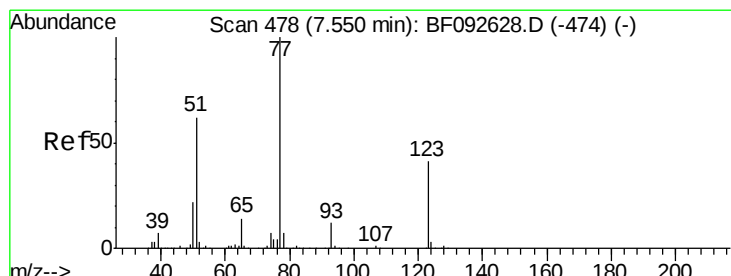
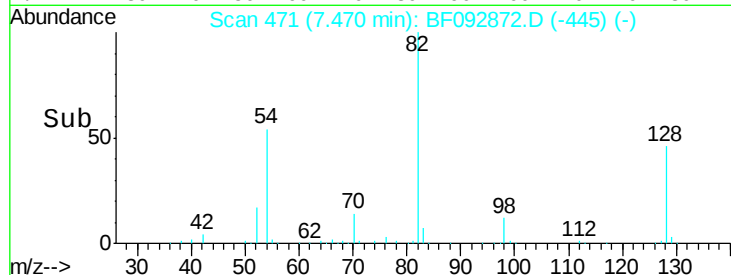
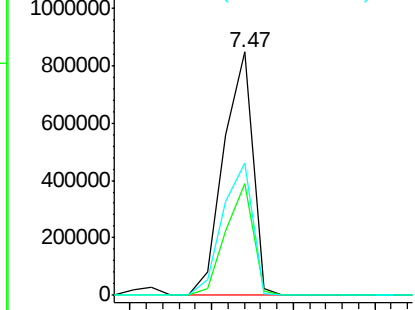
#23
 Nitrobenzene-d5
 Concen: 98.71 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Tgt Ion: 82 Resp: 1035801
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.6 52.0
 54 54.5 39.5 59.3

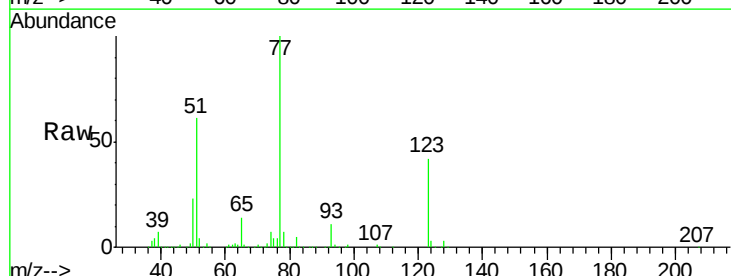


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

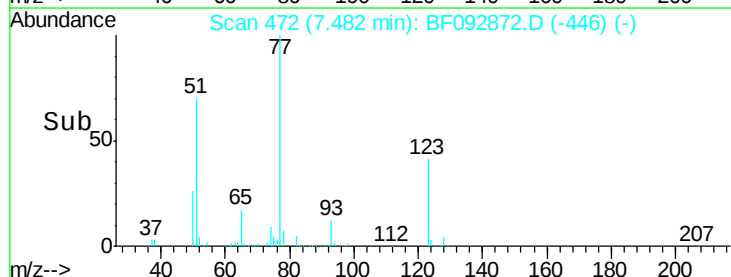
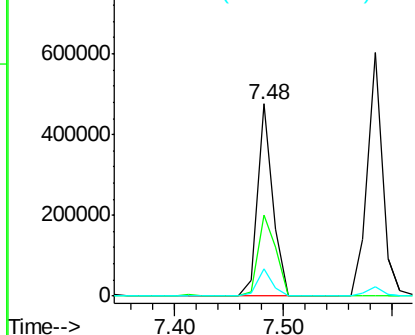


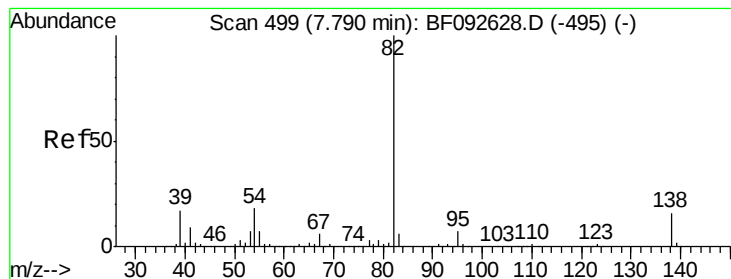
#24
 Nitrobenzene
 Concen: 43.53 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Tgt Ion: 77 Resp: 469004
 Ion Ratio Lower Upper
 77 100
 123 41.9 33.0 49.4
 65 14.0 11.2 16.8



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





#25

Isophorone

Concen: 47.79 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

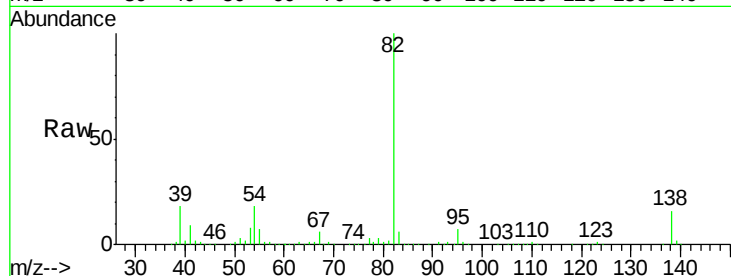
Tgt Ion: 82 Resp: 934577

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

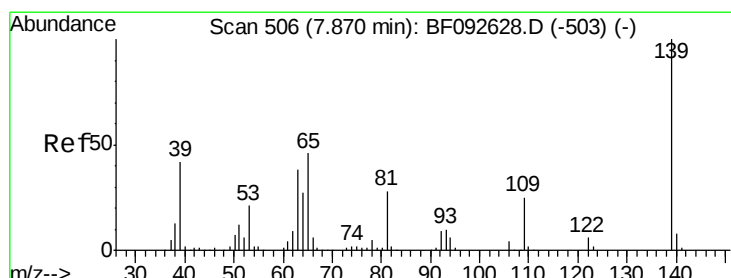
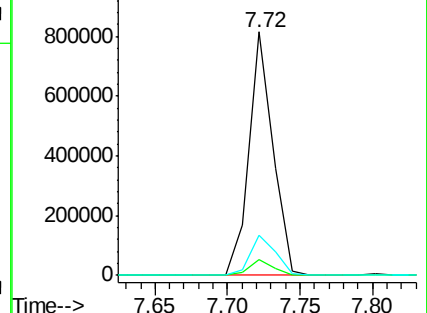
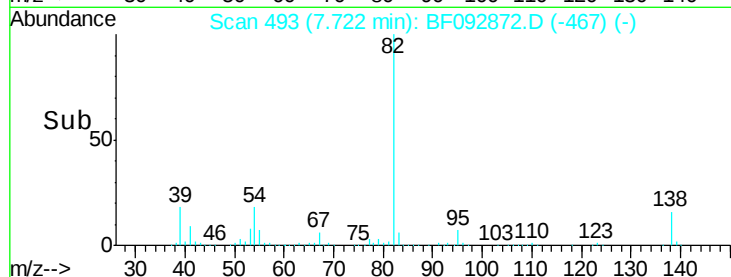
138 16.3 14.6 22.0



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: 53.62 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

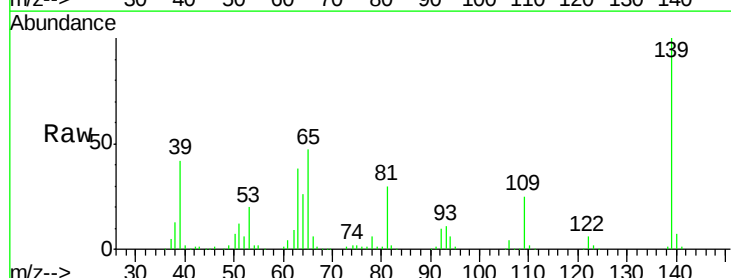
Tgt Ion: 139 Resp: 274631

Ion Ratio Lower Upper

139 100

109 25.0 23.3 34.9

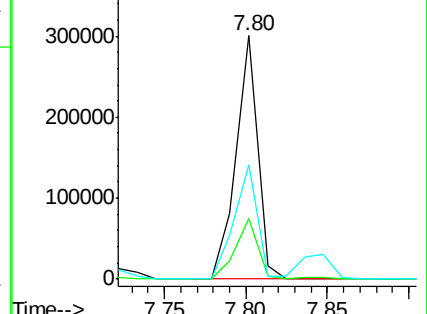
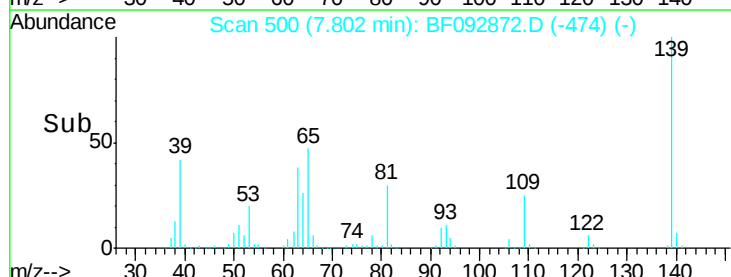
65 47.1 42.7 64.1

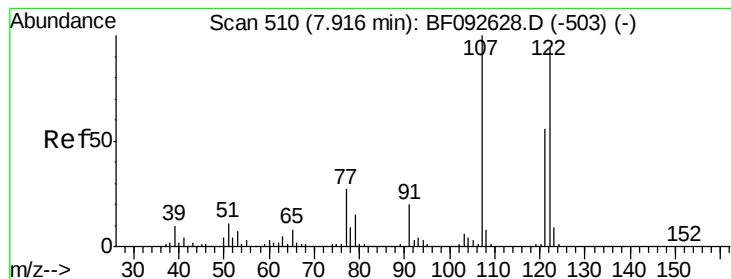


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 52.64 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

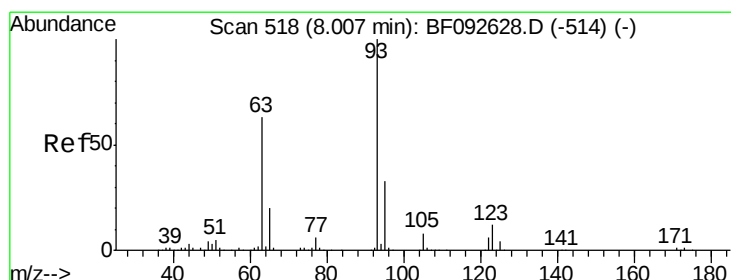
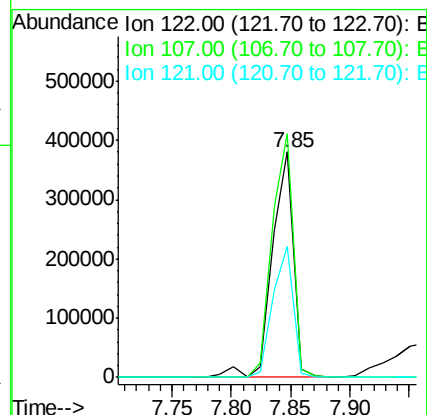
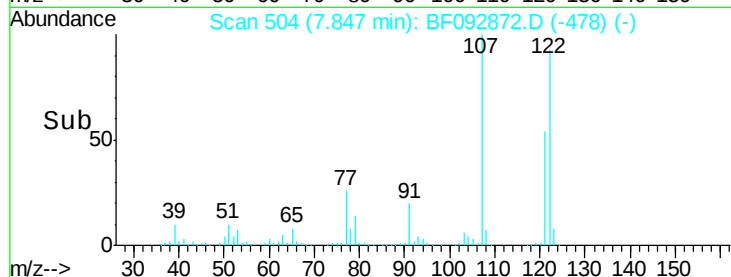
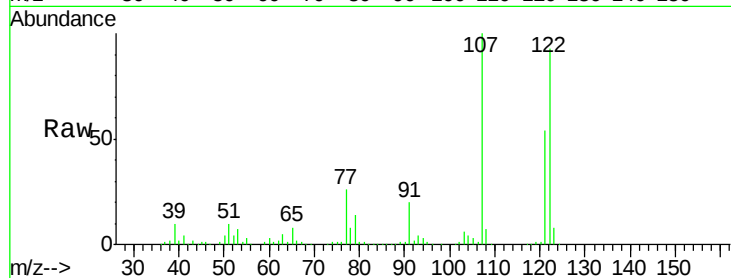
Tgt Ion:122 Resp: 473501

Ion Ratio Lower Upper

122 100

107 108.0 94.1 141.1

121 58.3 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 49.01 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

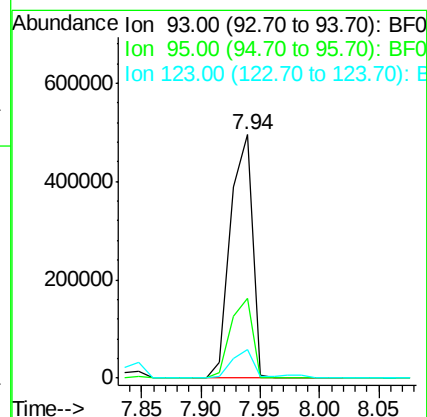
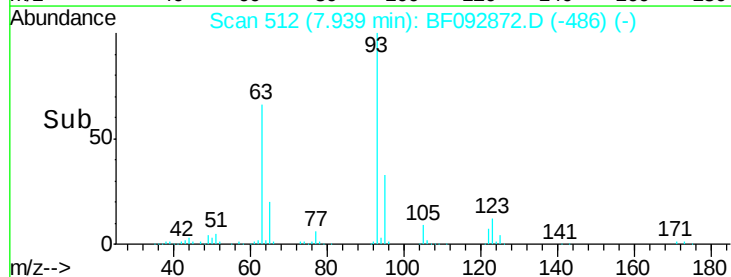
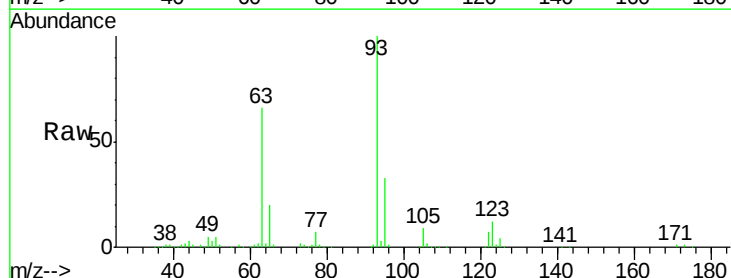
Tgt Ion: 93 Resp: 634685

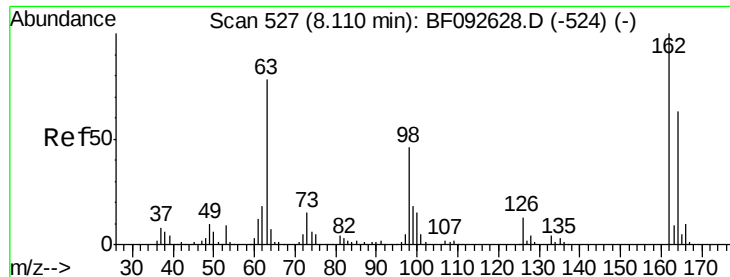
Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

123 11.7 8.6 13.0

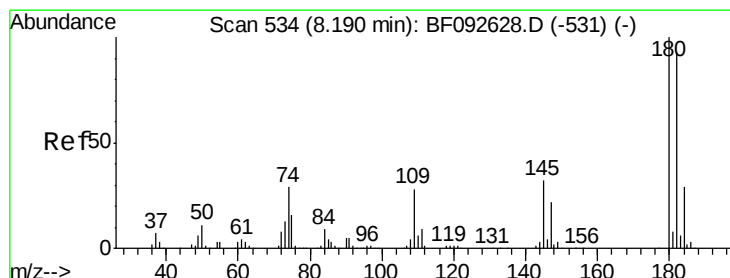
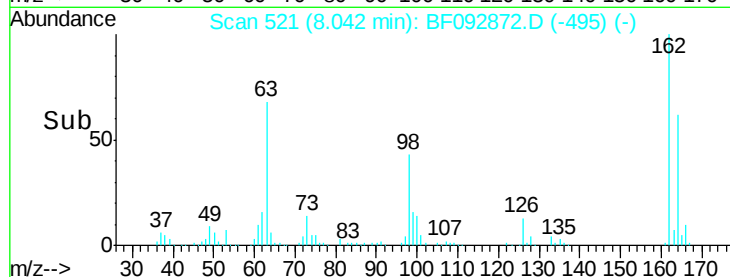
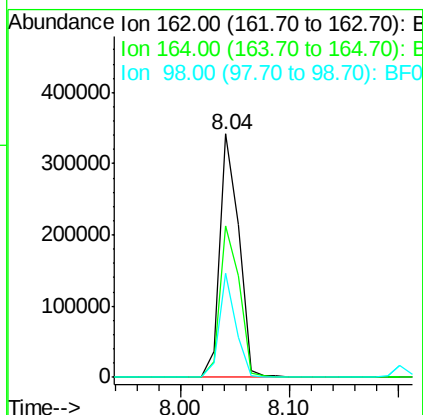
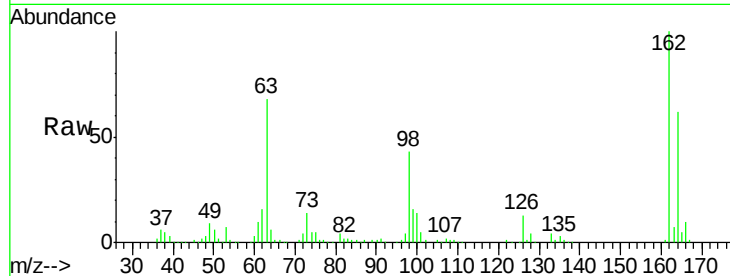




#29
 2,4-Dichlorophenol
 Concen: 49.77 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

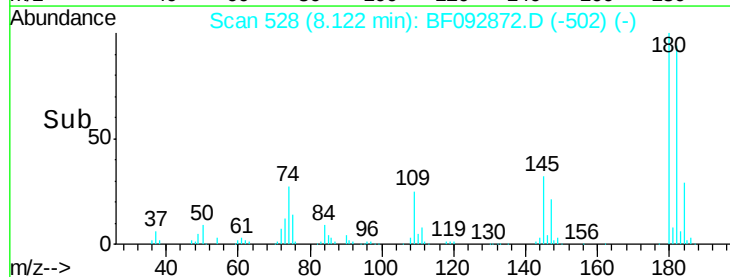
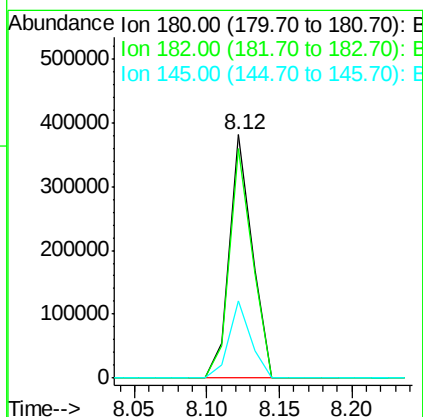
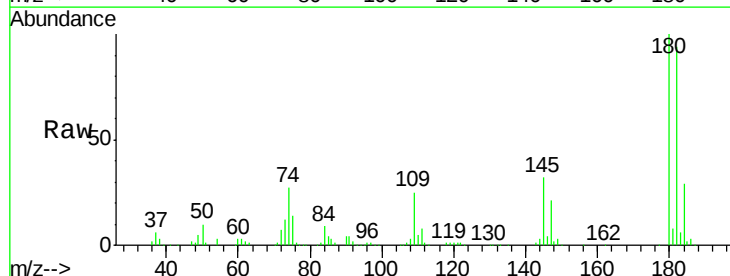
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.3	46.8	86.8
98	42.8	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 46.12 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	78.2	117.4
145	31.9	21.6	32.4





#31

Naphthalene

Concen: 43.66 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

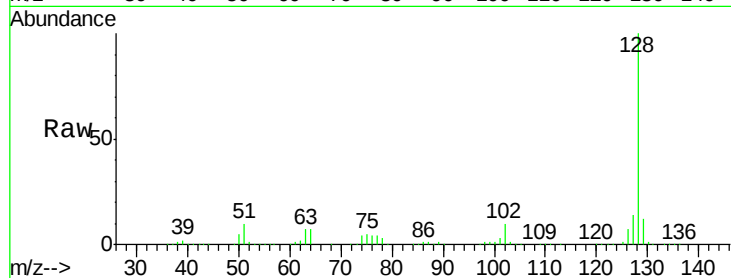
Tgt Ion:128 Resp: 1293453

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

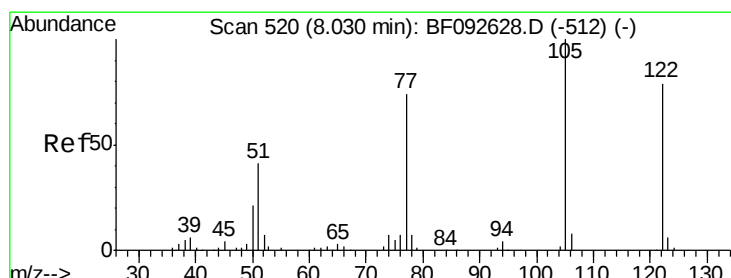
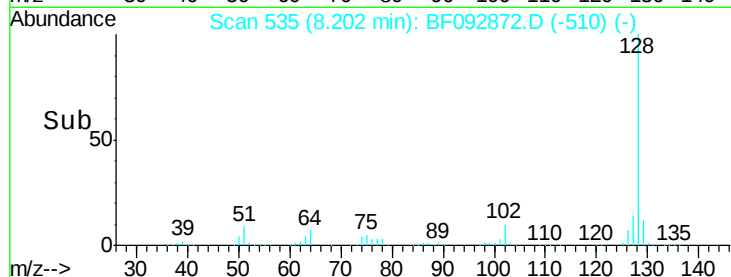
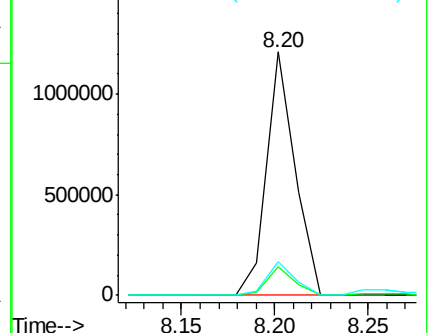
127 13.7 10.8 16.2



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: 47.90 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.01 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

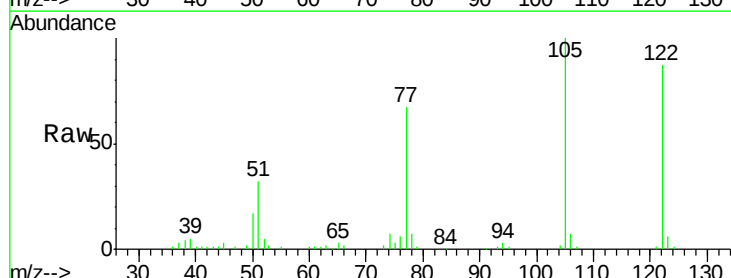
Tgt Ion:122 Resp: 244022

Ion Ratio Lower Upper

122 100

105 114.9 107.2 147.2

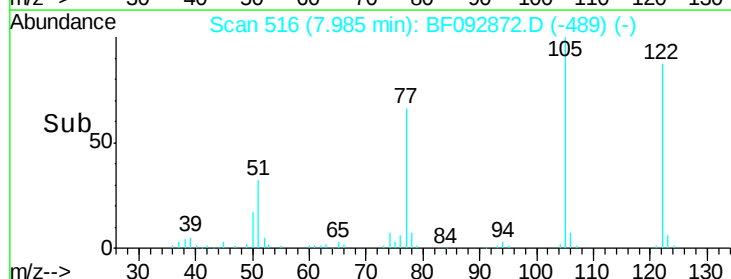
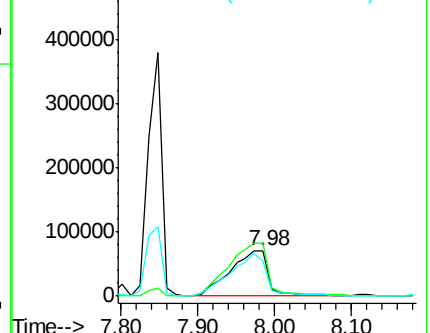
77 77.1 74.5 114.5



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

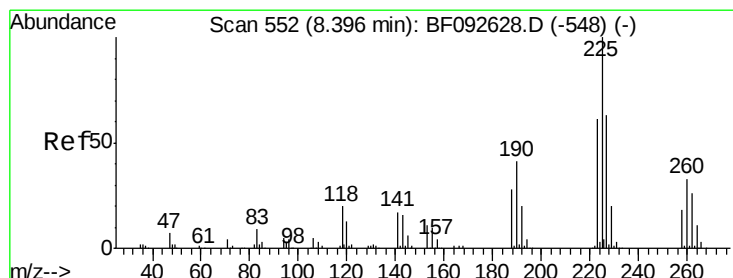
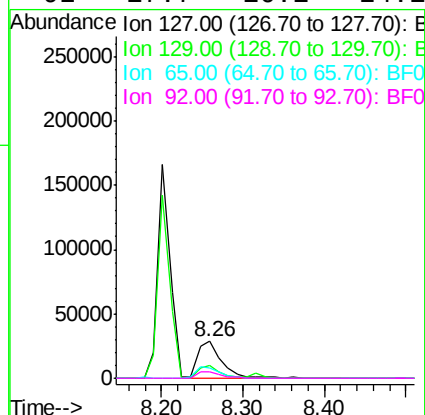
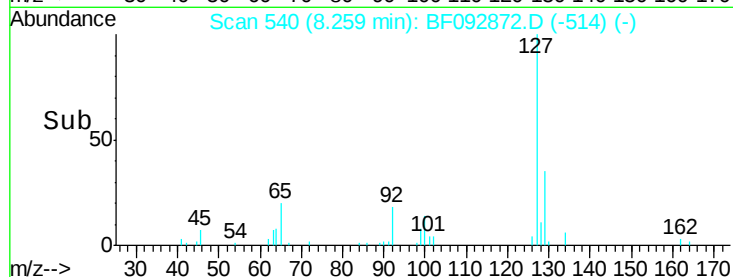
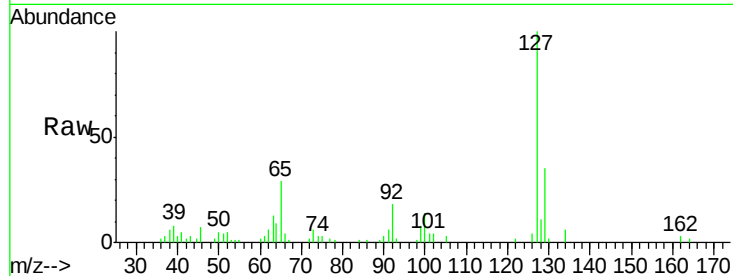




#33
4-Chloroaniline
Concen: 5.07 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

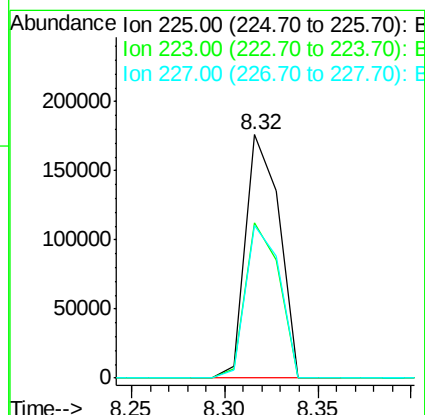
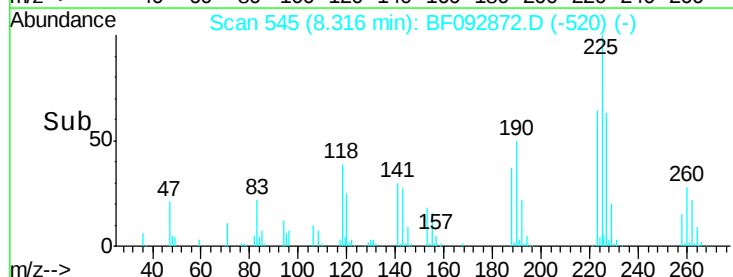
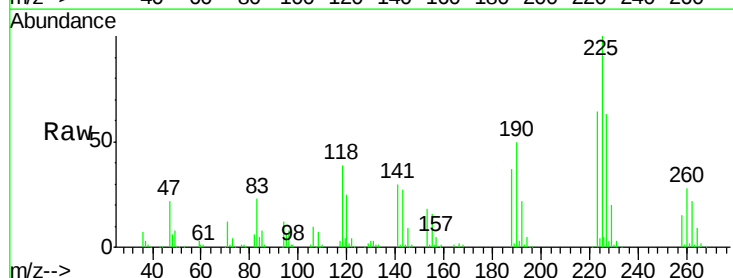
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

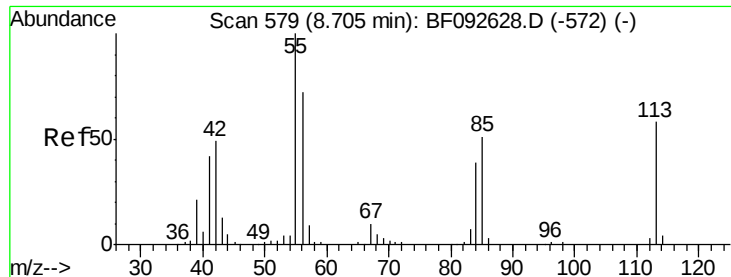
Tgt Ion:	127	Resp:	58884
Ion	Ratio	Lower	Upper
127	100		
129	34.7	26.3	39.5
65	29.4	25.8	38.8
92	17.7	16.1	24.1



#34
Hexachlorobutadiene
Concen: 44.29 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion:	225	Resp:	220320
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.6
227	62.9	50.6	76.0





#35

Caprolactam

Concen: 28.00 ng

RT: 8.64 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

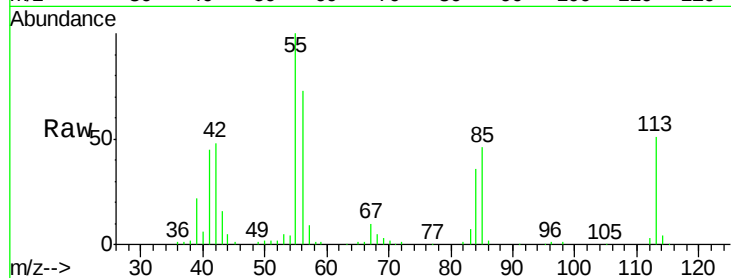
Tgt Ion:113 Resp: 73892

Ion Ratio Lower Upper

113 100

55 195.2 119.2 159.2#

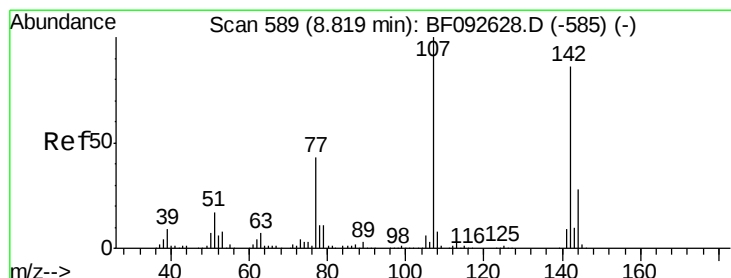
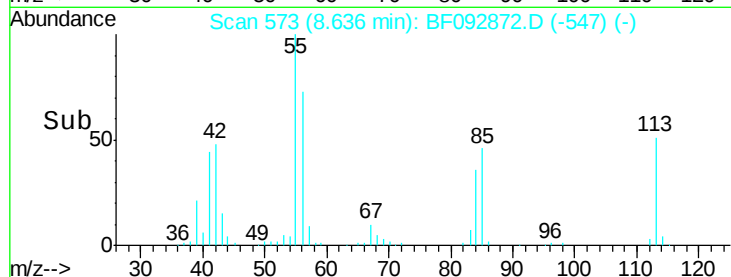
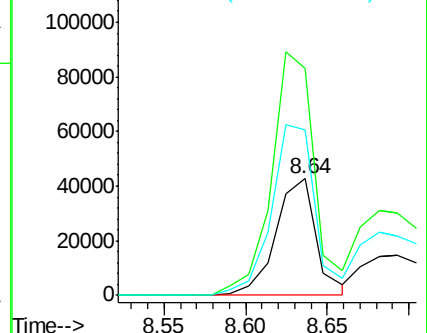
56 142.5 83.8 123.8#



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: 52.37 ng

RT: 8.75 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

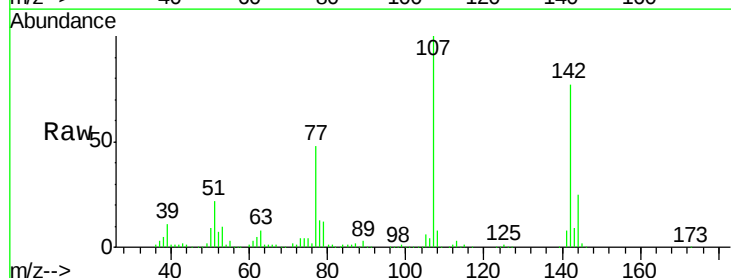
Tgt Ion:107 Resp: 458084

Ion Ratio Lower Upper

107 100

144 24.6 19.3 28.9

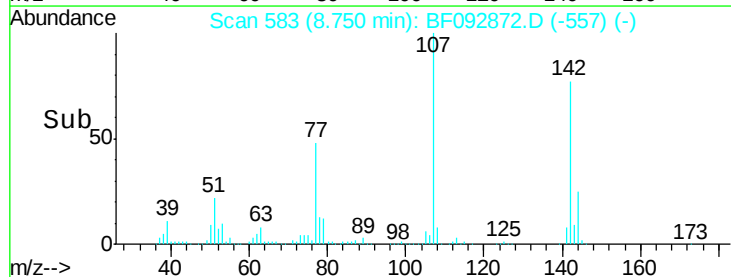
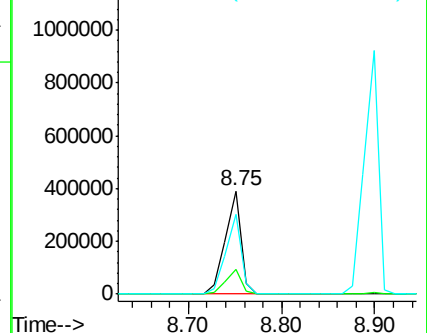
142 77.1 59.0 88.6

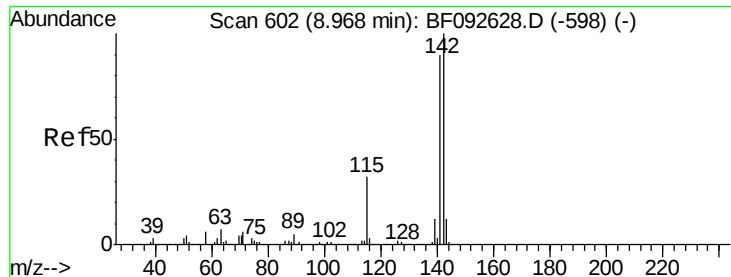


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

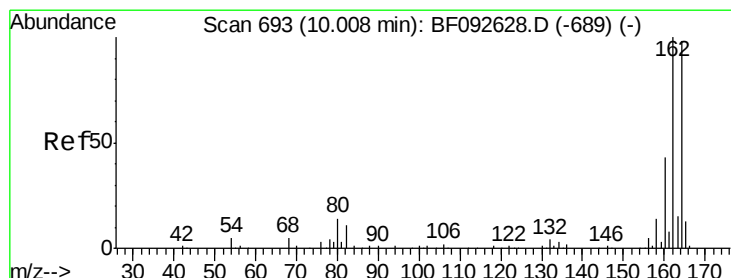
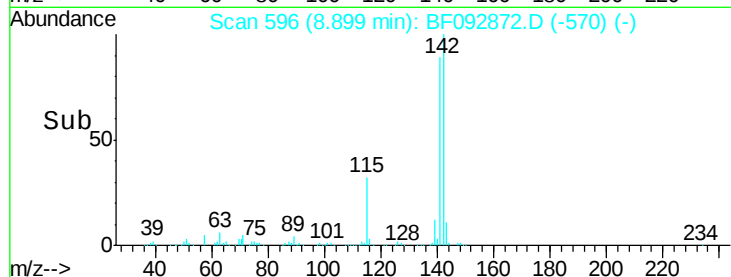
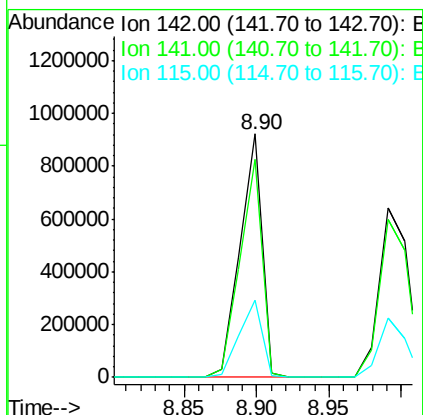
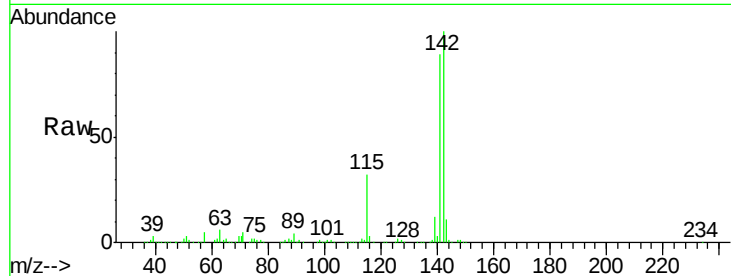




#37
2-Methylnaphthalene
Concen: 51.37 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

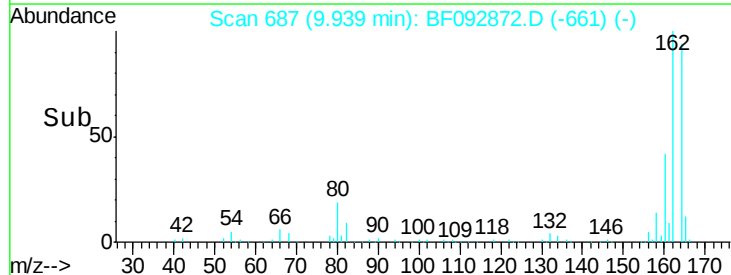
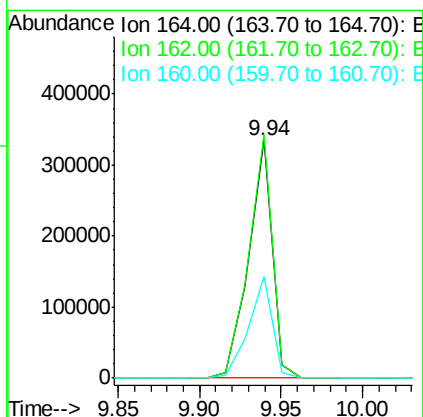
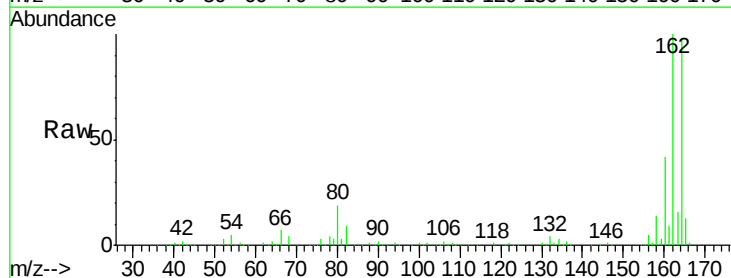
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

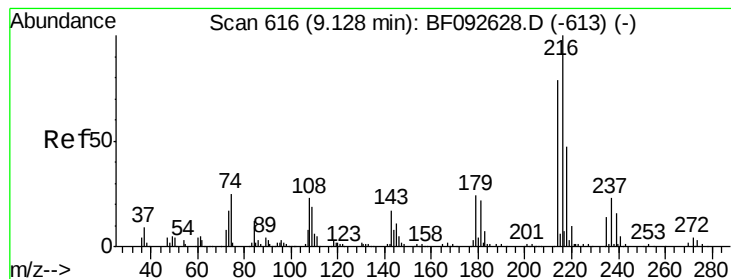
Tgt Ion:142 Resp: 977035
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.6
115 31.8 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion:164 Resp: 337387
Ion Ratio Lower Upper
164 100
162 102.3 80.2 120.2
160 42.8 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.84 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

Tgt Ion:216 Resp: 396279

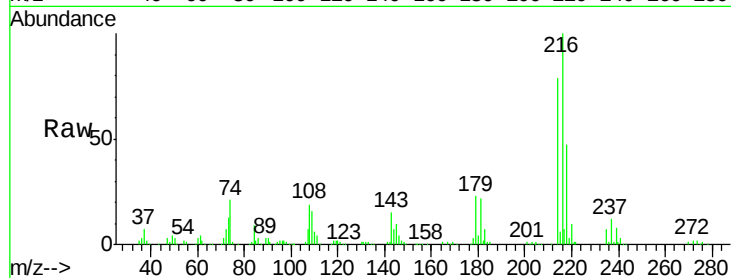
Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.0

179 21.4 17.4 26.2

108 19.5 15.6 23.4

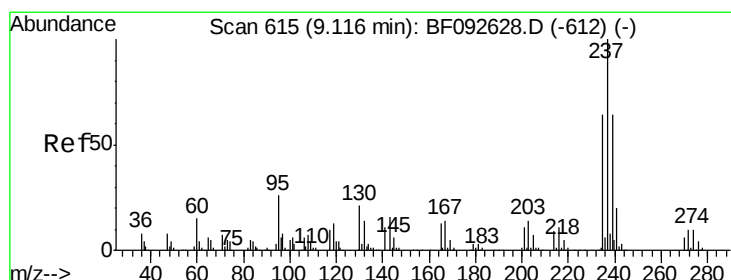
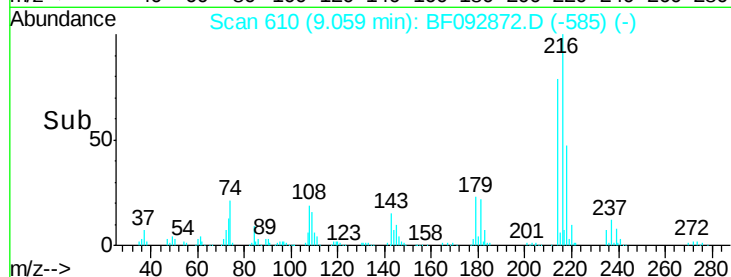
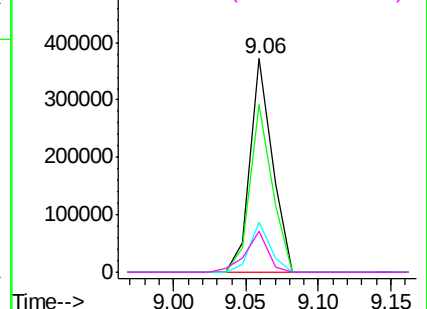


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.47 ng

RT: 9.05 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

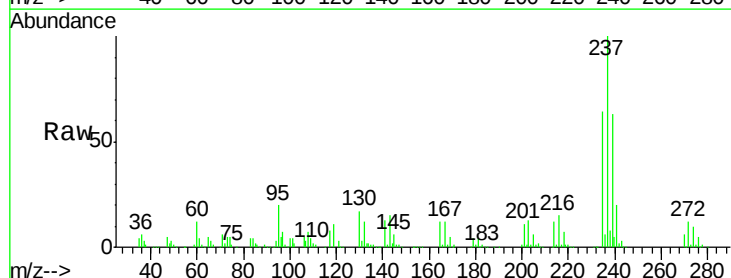
Tgt Ion:237 Resp: 326758

Ion Ratio Lower Upper

237 100

235 63.7 41.2 81.2

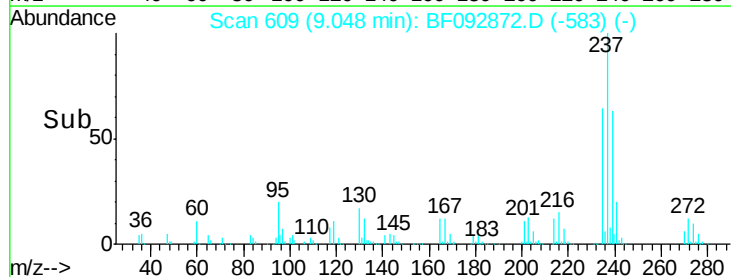
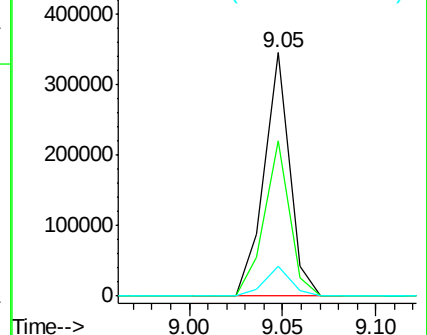
272 12.3 0.0 35.4



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

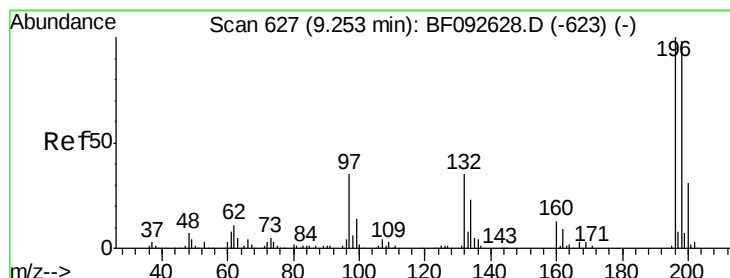
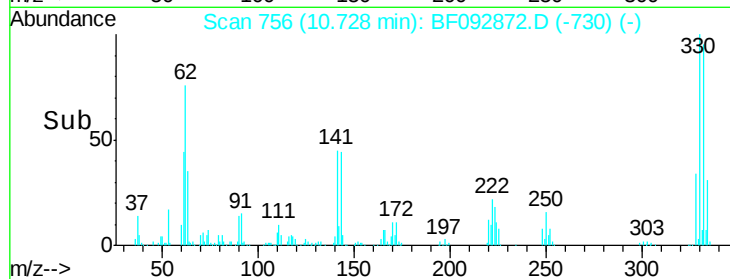
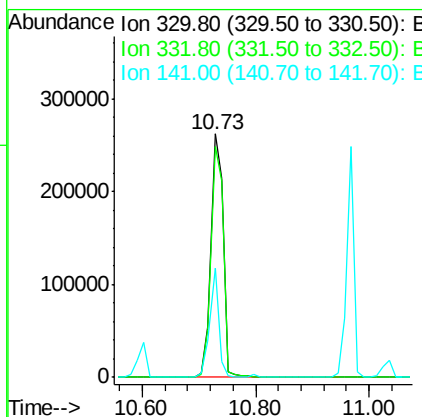
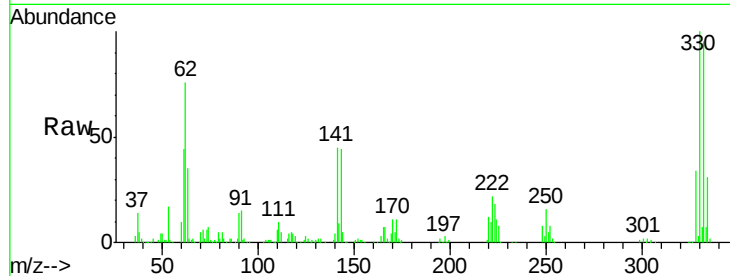




#41
 2,4,6-Tribromophenol
 Concen: 155.05 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

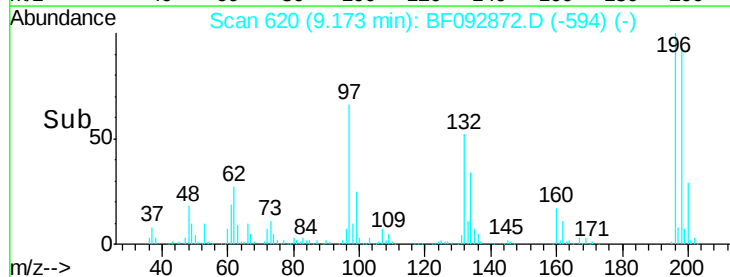
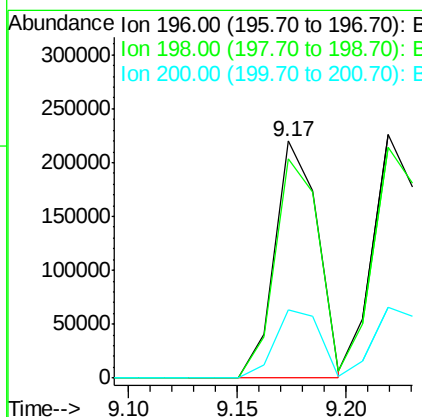
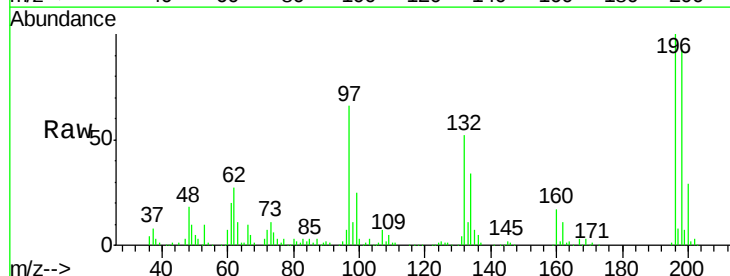
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

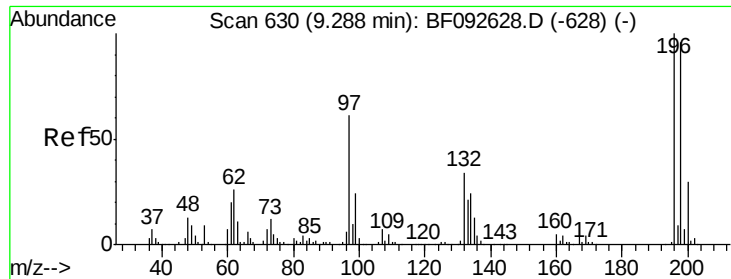
Tgt Ion:330 Resp: 378344
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 33.0 34.1 51.1#



#42
 2,4,6-Trichlorophenol
 Concen: 48.61 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Tgt Ion:196 Resp: 302488
 Ion Ratio Lower Upper
 196 100
 198 92.5 82.1 123.1
 200 28.7 27.0 40.4

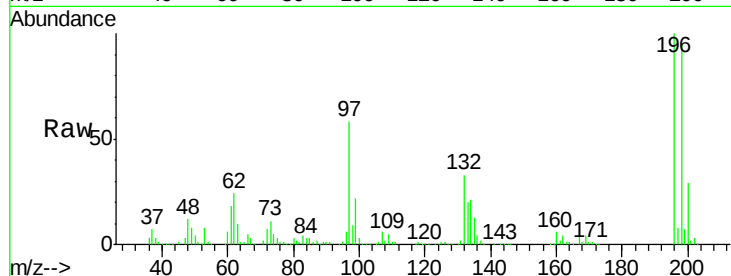




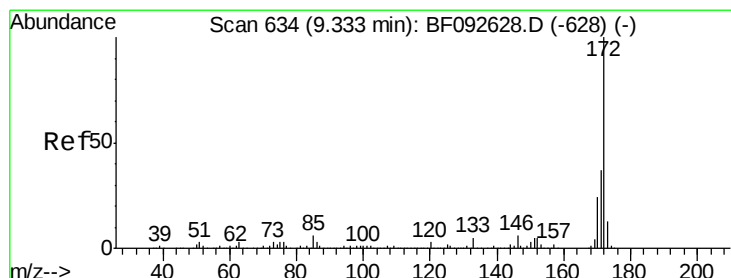
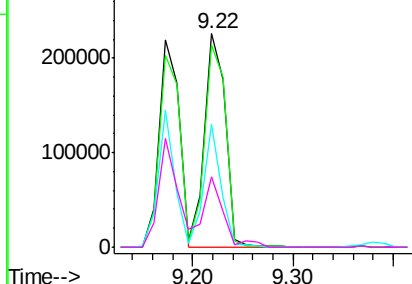
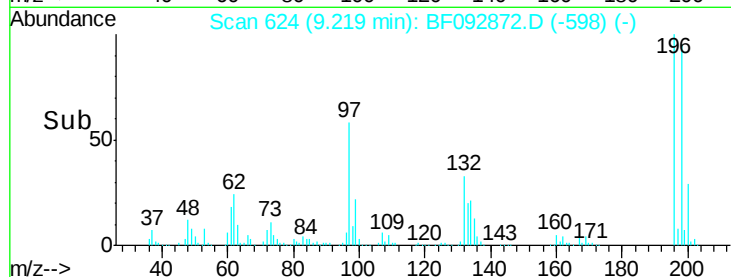
#43
 2,4,5-Trichlorophenol
 Concen: 47.40 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Tgt Ion:196 Resp: 323220
 Ion Ratio Lower Upper
 196 100
 198 94.9 79.4 119.2
 97 57.8 51.5 77.3
 132 33.1 27.4 41.2

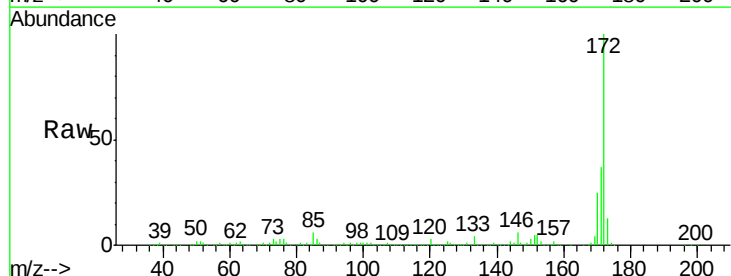


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

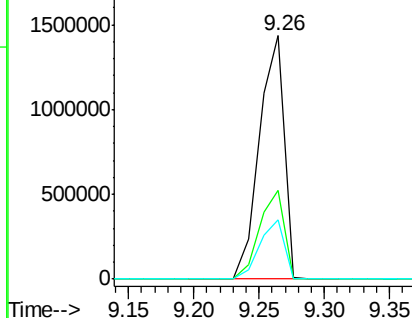
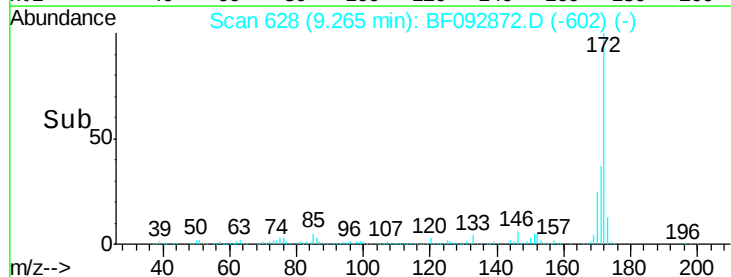


#44
 2-Fluorobiphenyl
 Concen: 102.52 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Tgt Ion:172 Resp: 1909171
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.6 20.2 30.4



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

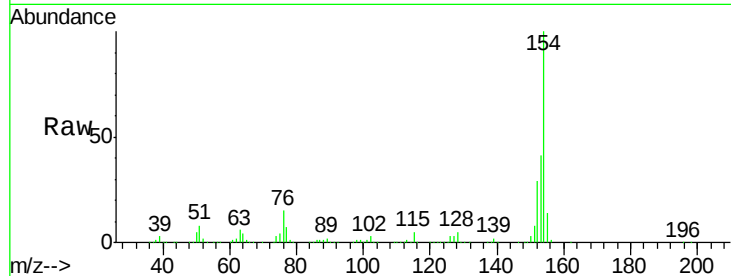




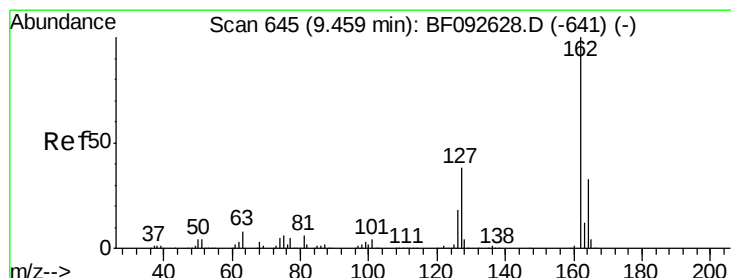
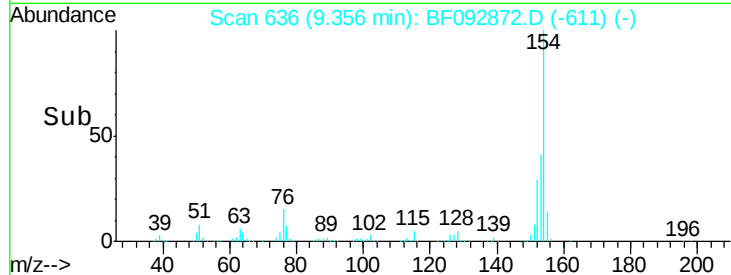
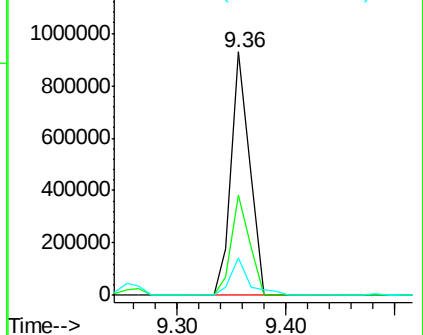
#45
 1,1'-Biphenyl
 Concen: 43.94 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Tgt Ion:154 Resp: 1073492
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.9 60.9
 76 15.4 0.0 30.5

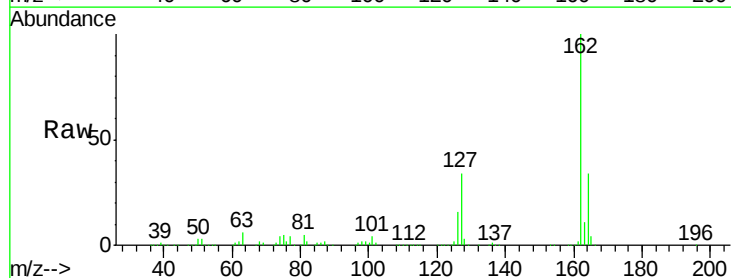


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

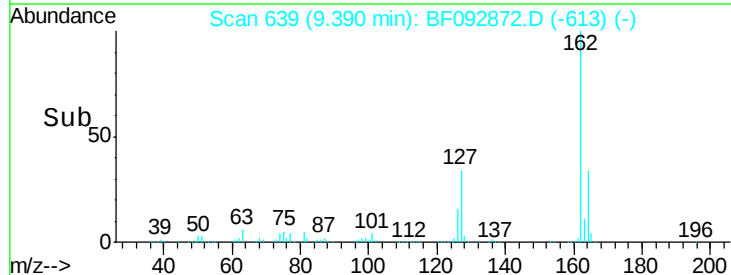
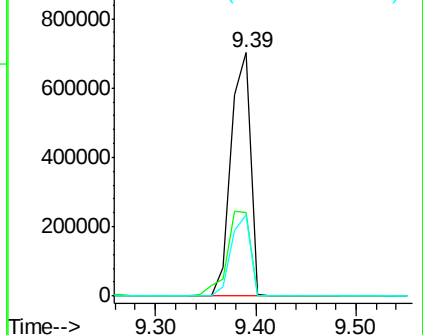


#46
 2-Chloronaphthalene
 Concen: 49.31 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Tgt Ion:162 Resp: 942329
 Ion Ratio Lower Upper
 162 100
 127 34.3 30.7 46.1
 164 33.5 27.6 41.4



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

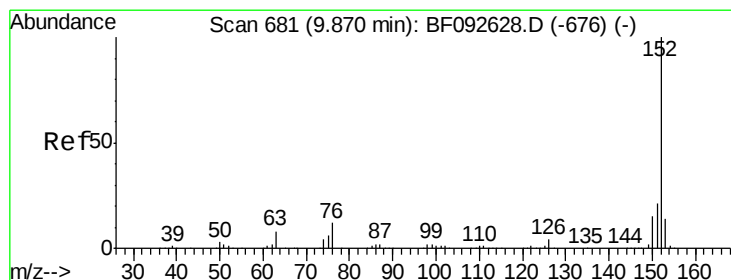
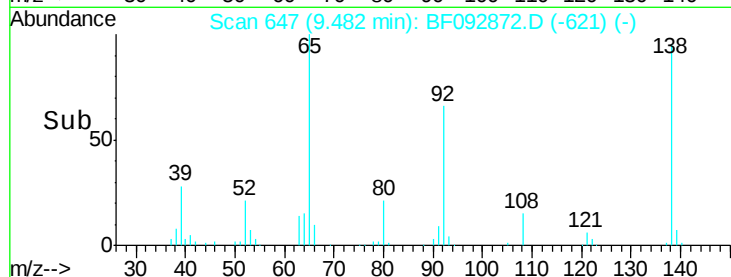
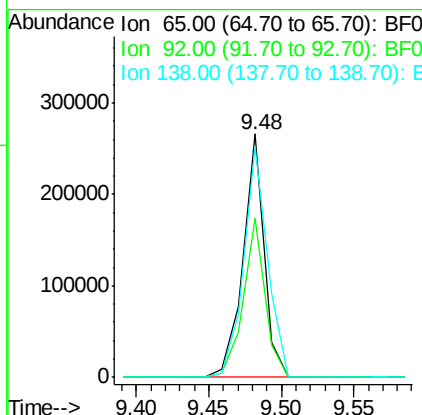
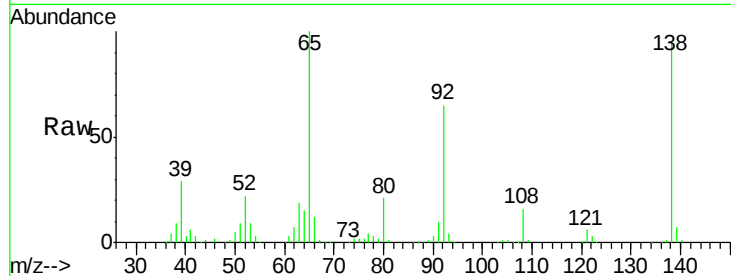




#47
2-Nitroaniline
Concen: 41.81 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

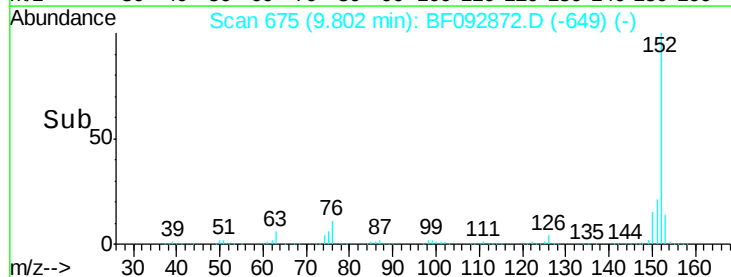
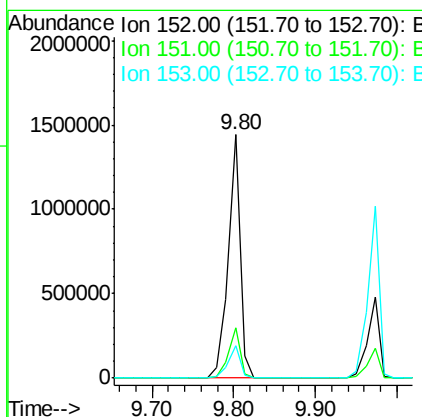
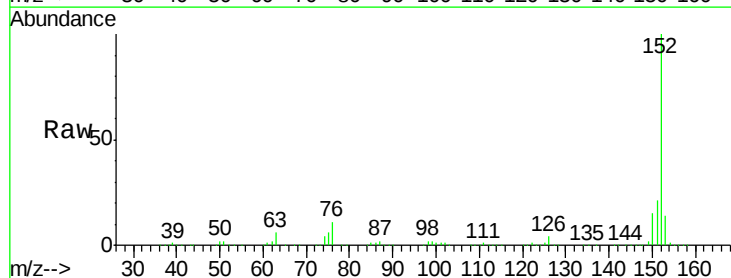
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tgt Ion: 65 Resp: 268669
Ion Ratio Lower Upper
65 100
92 65.5 53.9 80.9
138 94.6 76.8 115.2



#48
Acenaphthylene
Concen: 43.74 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion: 152 Resp: 1444218
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 13.5 11.4 17.2





#49

Dimethylphthalate

Concen: 47.80 ng

RT: 9.66 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

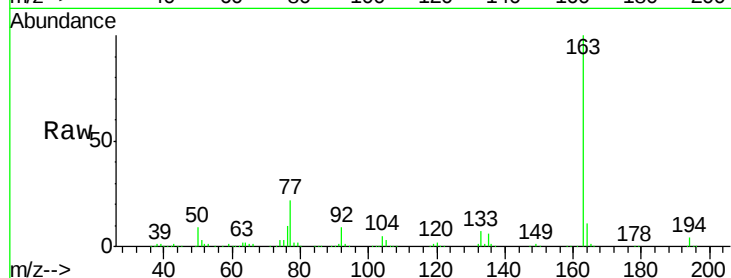
Tgt Ion:163 Resp: 1086304

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

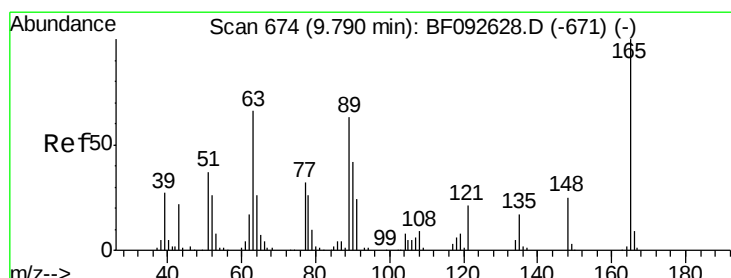
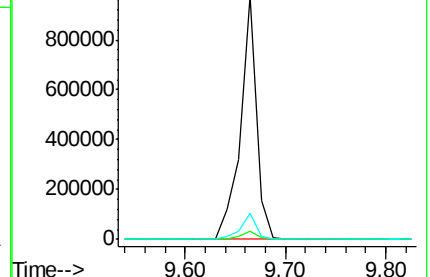
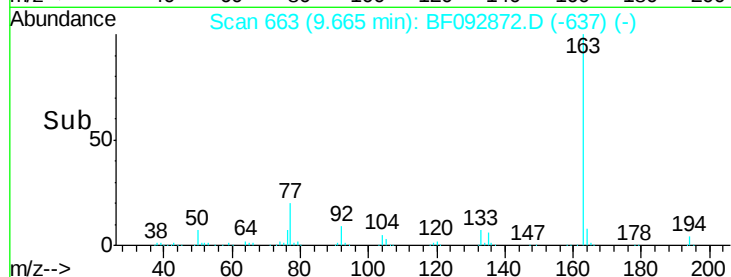
164 10.5 8.0 12.0



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: 52.37 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

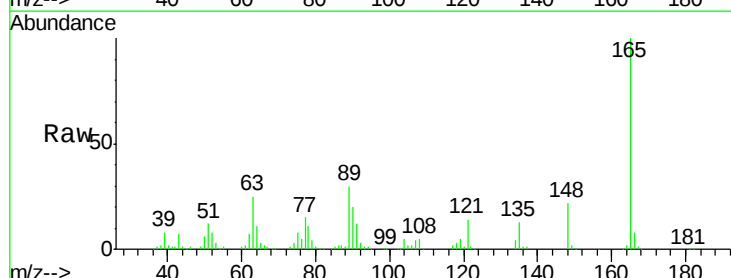
Tgt Ion:165 Resp: 256998

Ion Ratio Lower Upper

165 100

63 25.4 36.2 54.4#

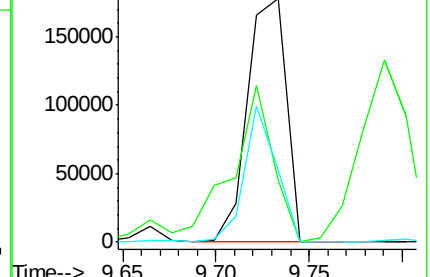
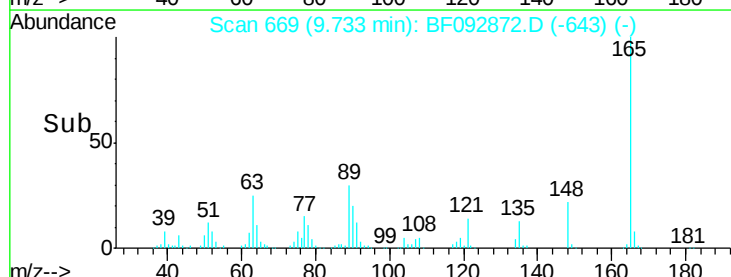
89 29.6 40.2 60.4#

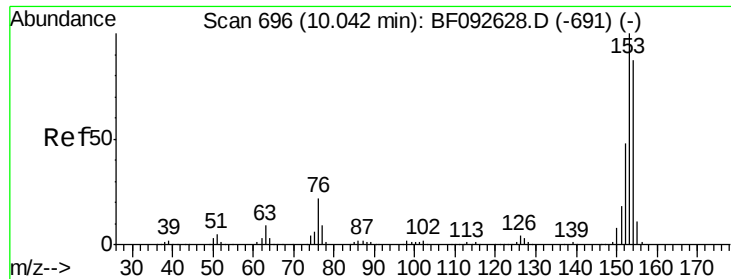


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.87 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

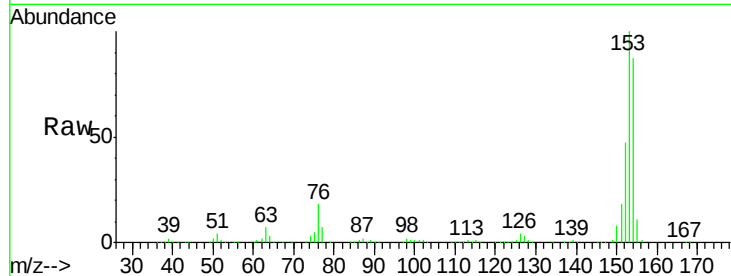
Tgt Ion:154 Resp: 925233

Ion Ratio Lower Upper

154 100

153 115.4 88.6 133.0

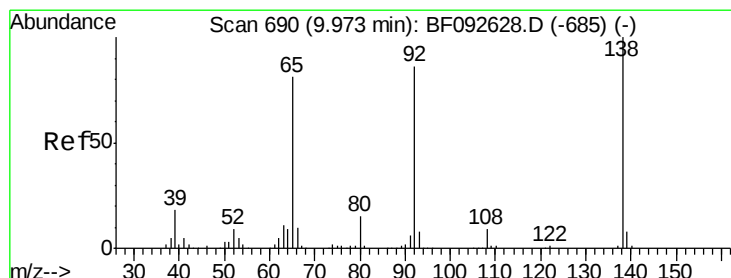
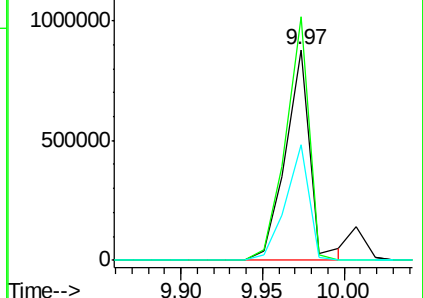
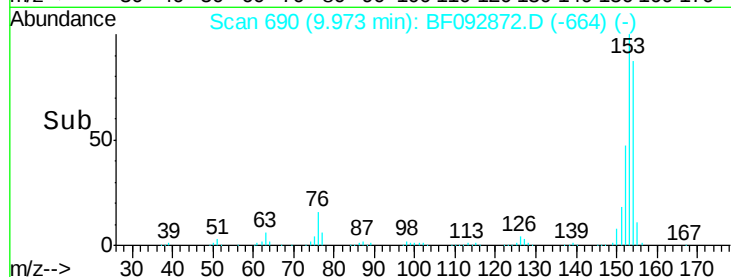
152 54.7 41.6 62.4



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: 4.65 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

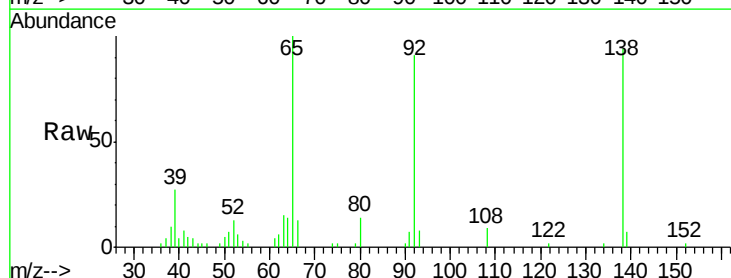
Tgt Ion:138 Resp: 26092

Ion Ratio Lower Upper

138 100

108 9.6 8.5 12.7

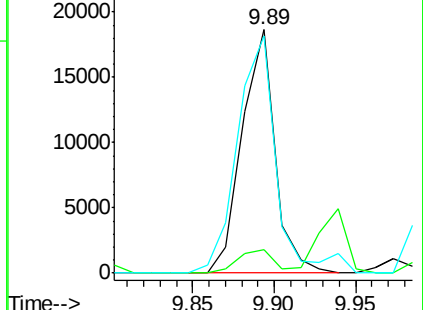
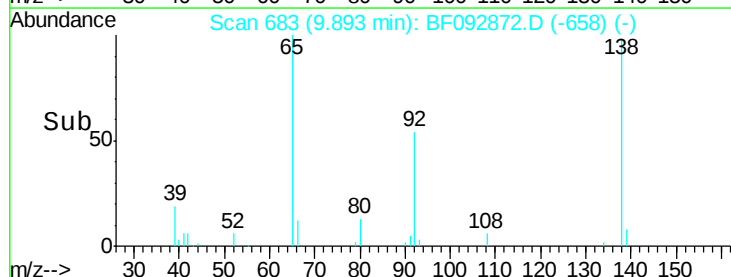
92 97.4 97.8 146.8#

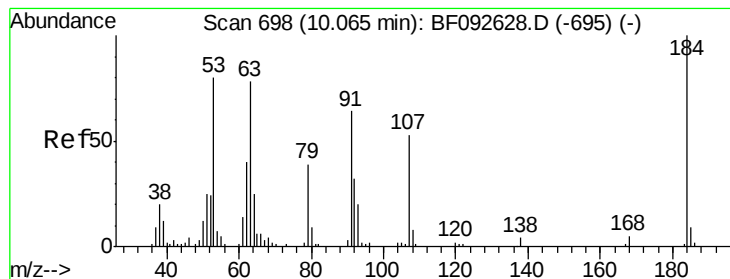


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 98.80 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

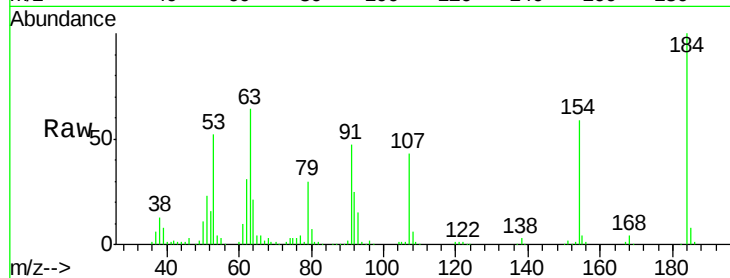
Tgt Ion:184 Resp: 249608

Ion Ratio Lower Upper

184 100

63 64.4 28.4 42.6#

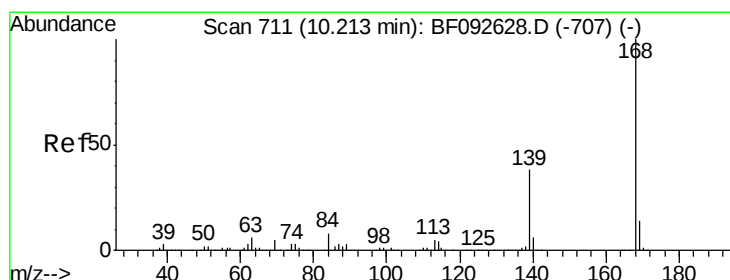
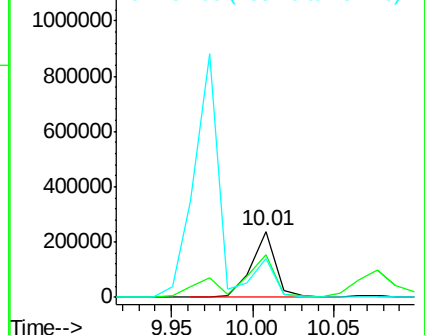
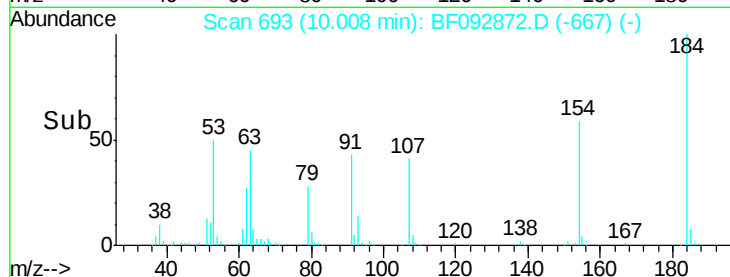
154 59.0 44.3 66.5



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: 46.91 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

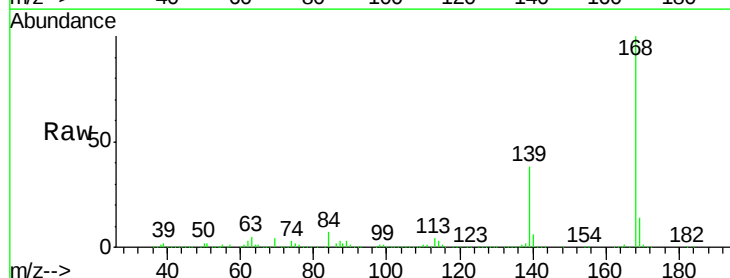
Tgt Ion:168 Resp: 1238478

Ion Ratio Lower Upper

168 100

139 38.2 32.6 49.0

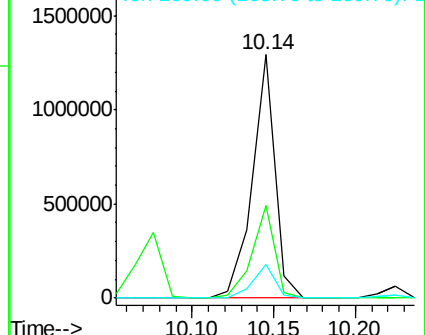
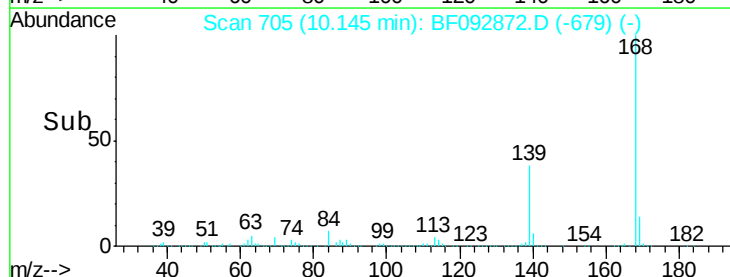
169 14.0 11.3 16.9

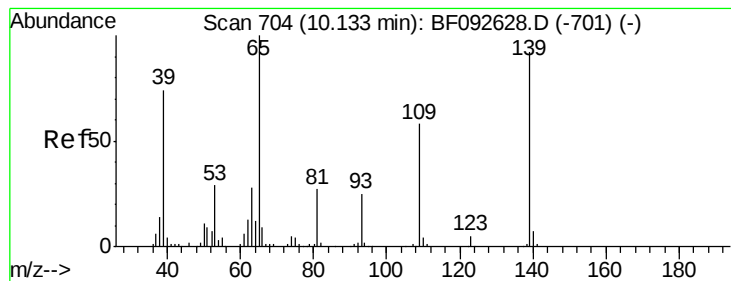


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 96.70 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

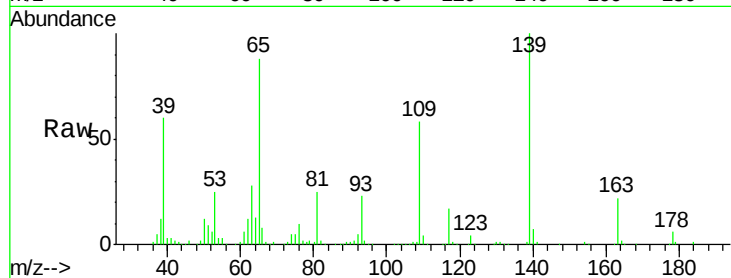
Tgt Ion:139 Resp: 391176

Ion Ratio Lower Upper

139 100

109 58.2 52.2 92.2

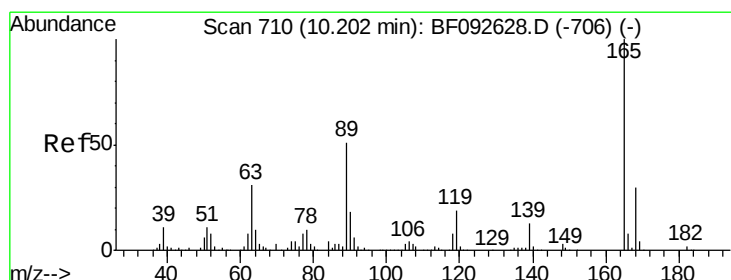
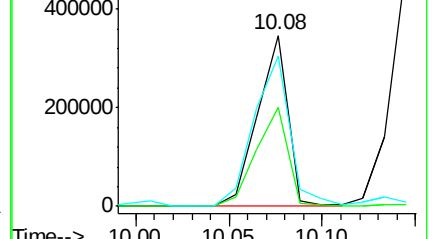
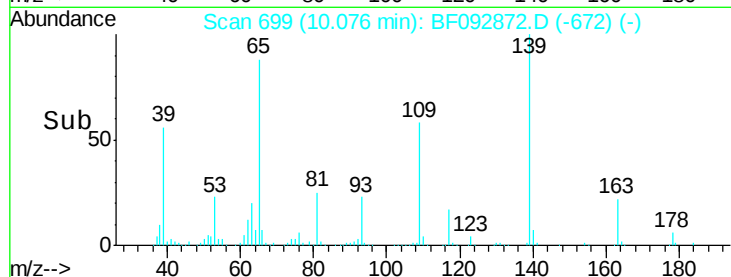
65 88.1 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 48.62 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Tgt Ion:165 Resp: 317708

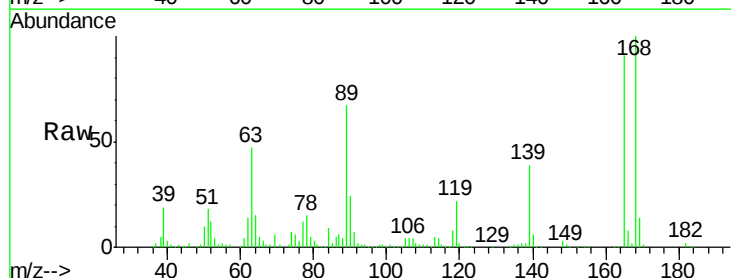
Ion Ratio Lower Upper

165 100

63 52.2 40.2 60.4

89 74.3 62.5 93.7

182 2.2 1.8 2.8

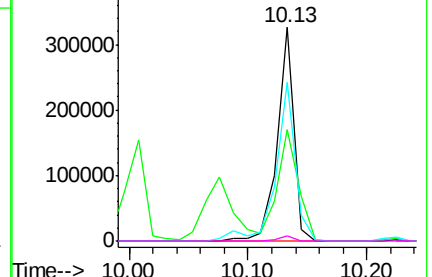
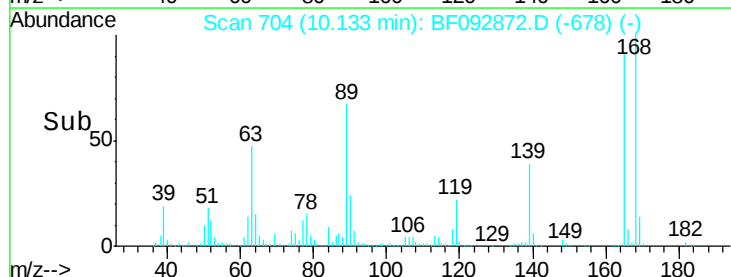


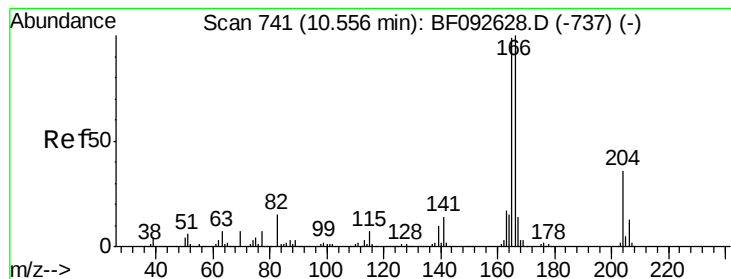
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.48 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

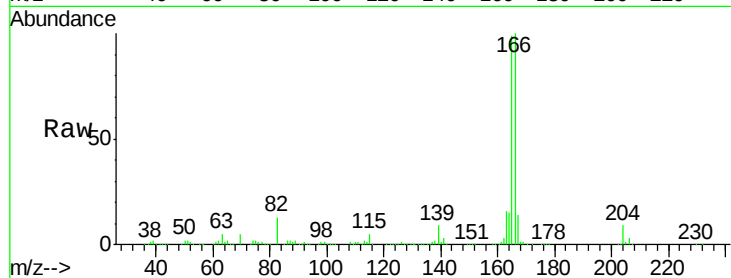
Tgt Ion:166 Resp: 964312

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.8

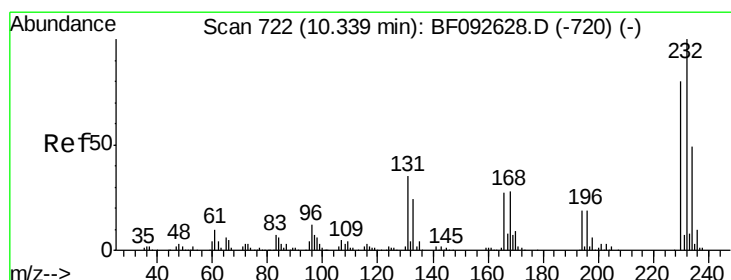
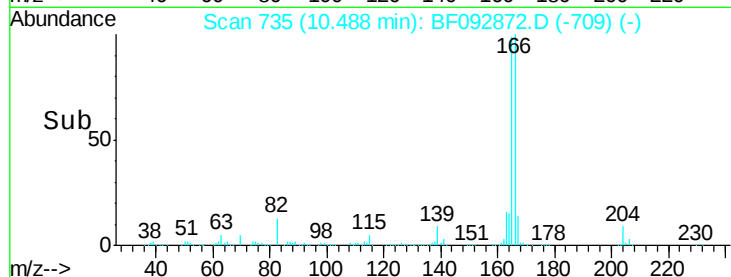
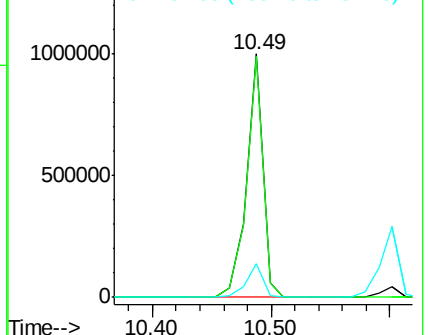
167 13.8 10.8 16.2



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: 55.11 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Tgt Ion:232 Resp: 250666

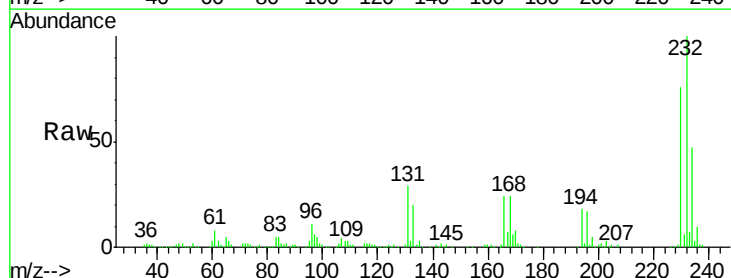
Ion Ratio Lower Upper

232 100

131 46.4 40.1 60.1

130 2.0 1.8 2.8

166 31.5 26.6 39.8

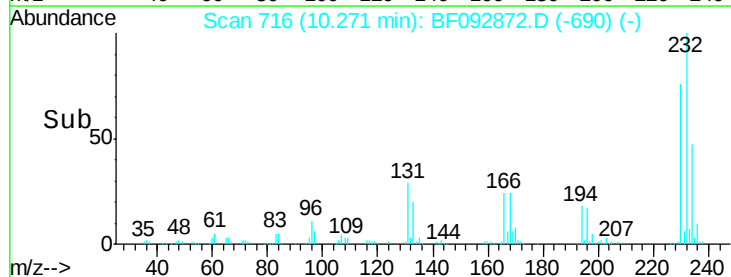
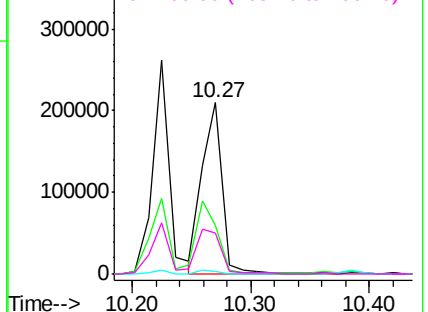


Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.71 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

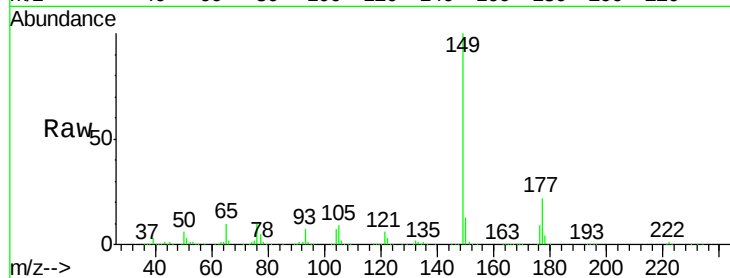
Tgt Ion:149 Resp: 1043232

Ion Ratio Lower Upper

149 100

177 21.9 16.6 25.0

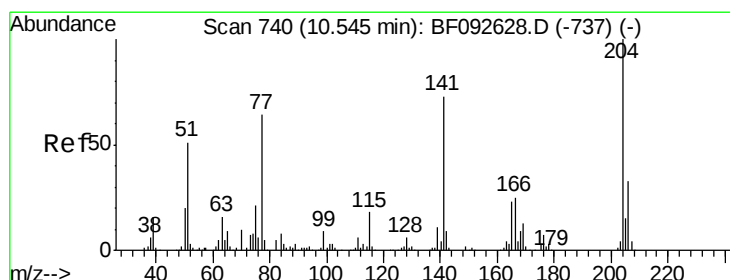
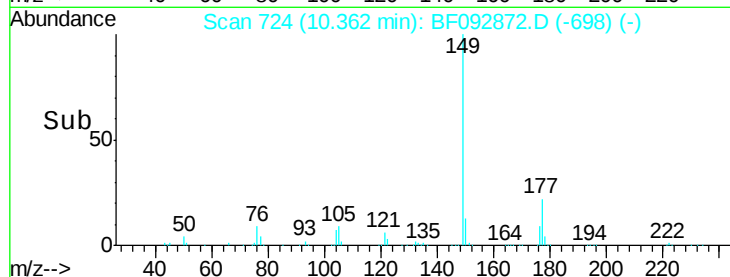
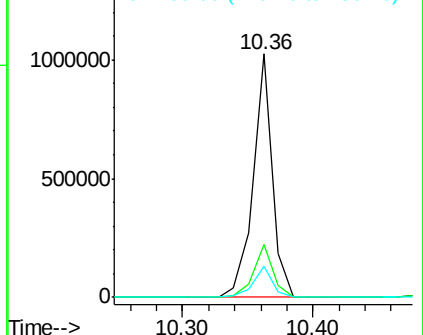
150 12.9 10.4 15.6



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: 42.39 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

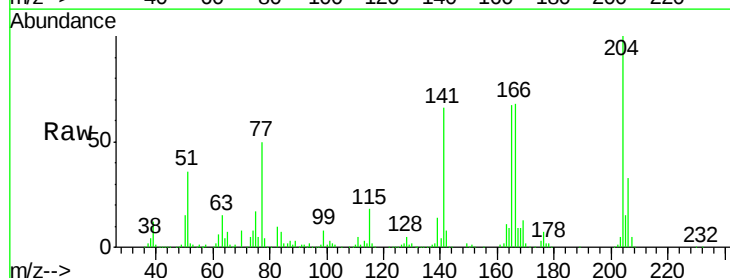
Tgt Ion:204 Resp: 413619

Ion Ratio Lower Upper

204 100

206 33.1 25.8 38.6

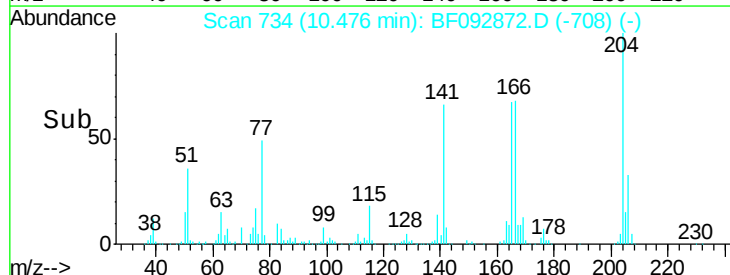
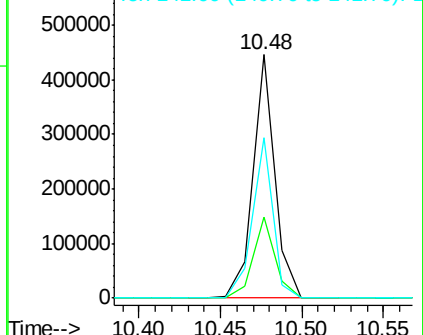
141 65.7 59.4 89.0

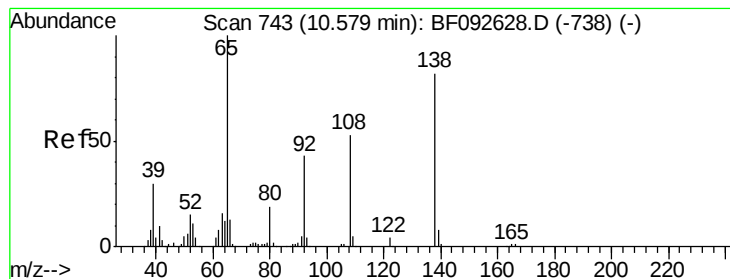


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.23 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

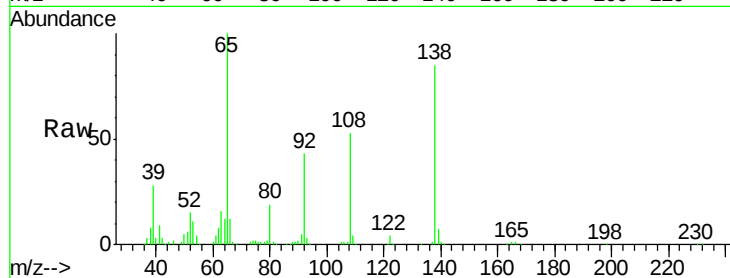
Tgt Ion:138 Resp: 185379

Ion Ratio Lower Upper

138 100

92 51.2 31.7 71.7

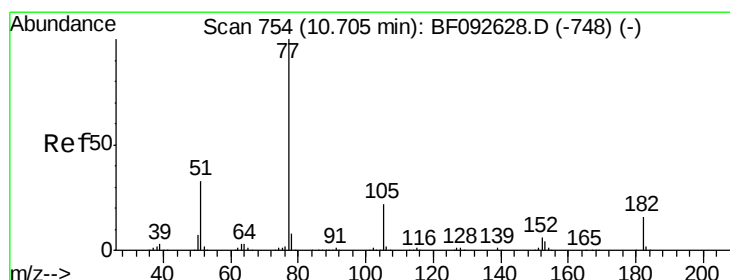
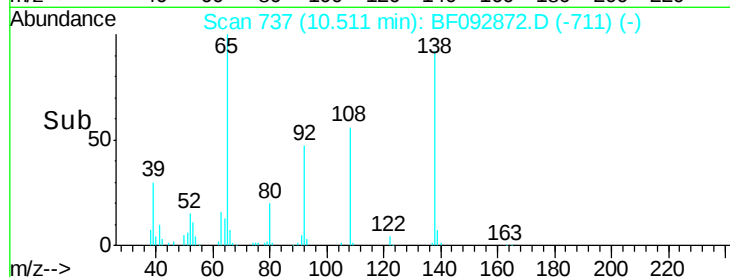
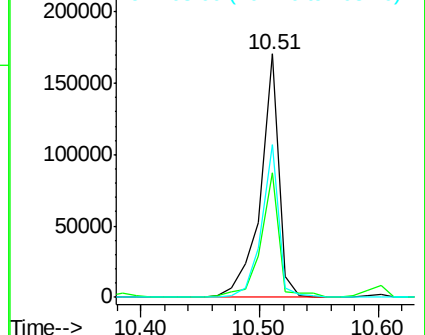
108 62.6 52.6 92.6



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: 50.37 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Tgt Ion: 77 Resp: 1114438

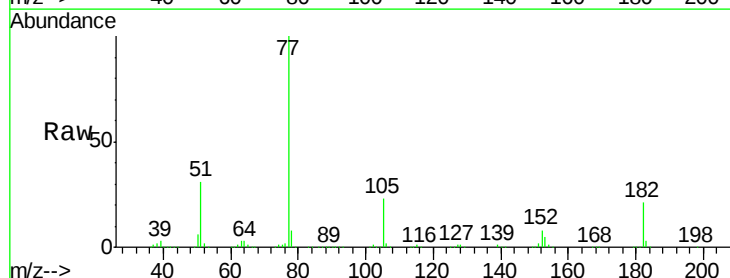
Ion Ratio Lower Upper

77 100

182 20.7 0.0 39.3

105 22.6 2.3 42.3

51 31.4 8.9 48.9

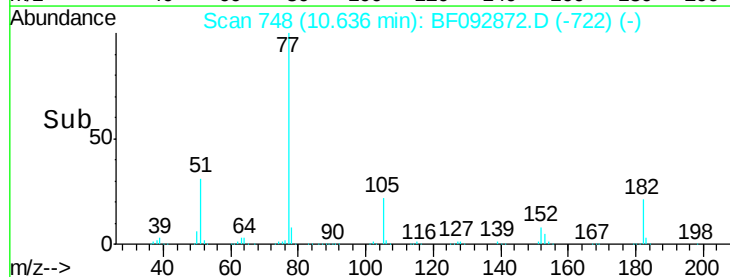
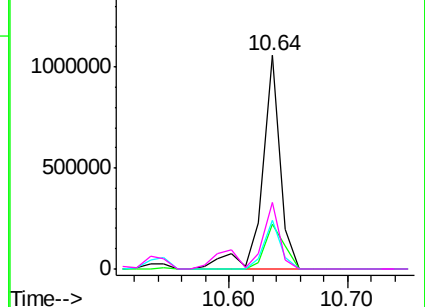


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

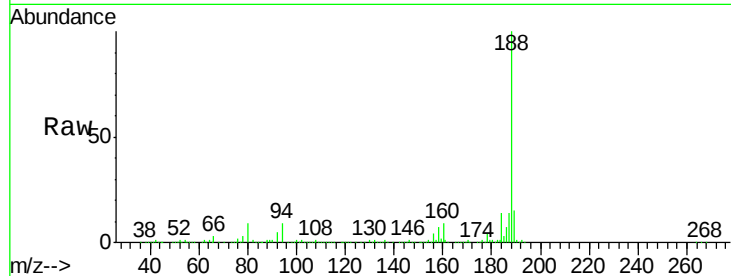
Tgt Ion:188 Resp: 562758

Ion Ratio Lower Upper

188 100

94 9.0 10.0 15.0#

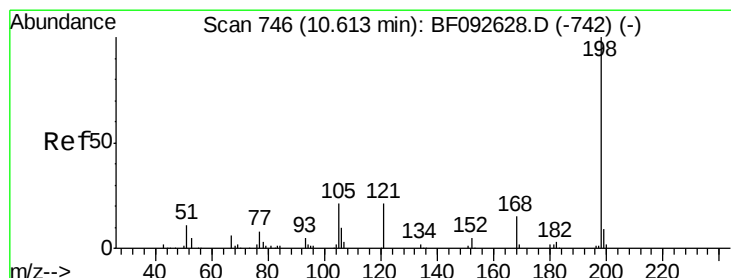
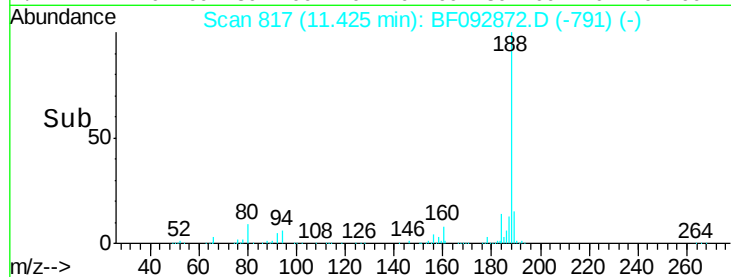
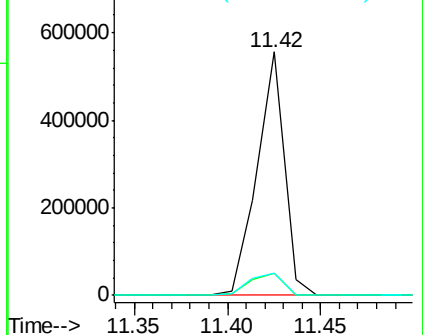
80 9.3 11.2 16.8#



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: 56.68 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

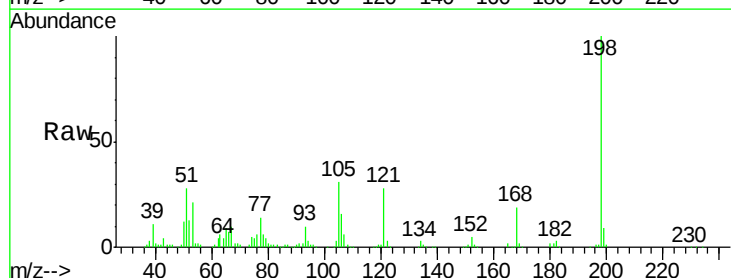
Tgt Ion:198 Resp: 195910

Ion Ratio Lower Upper

198 100

51 27.7 6.7 46.7

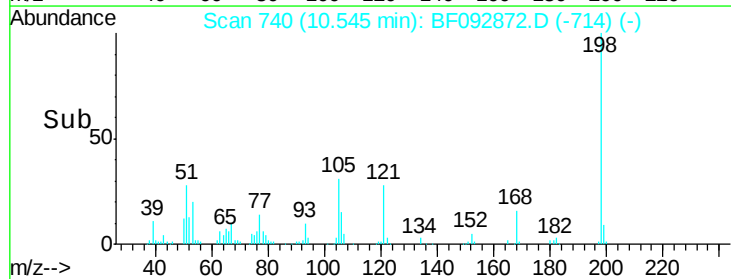
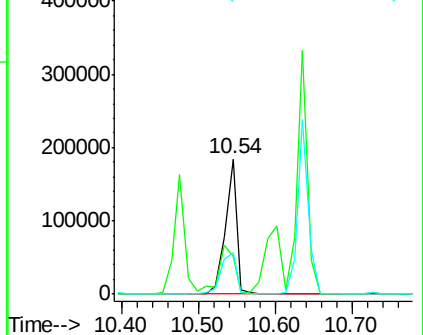
105 30.7 16.6 56.6

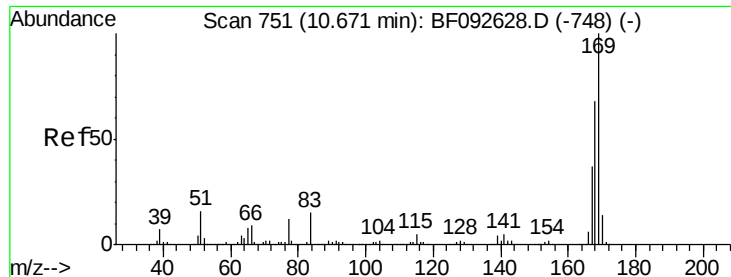


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.14 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

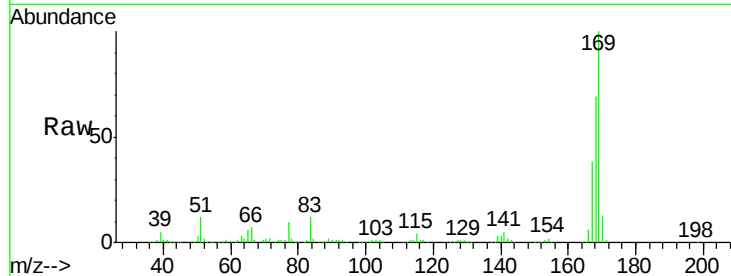
Tgt Ion:169 Resp: 829524

Ion Ratio Lower Upper

169 100

168 68.6 54.2 81.2

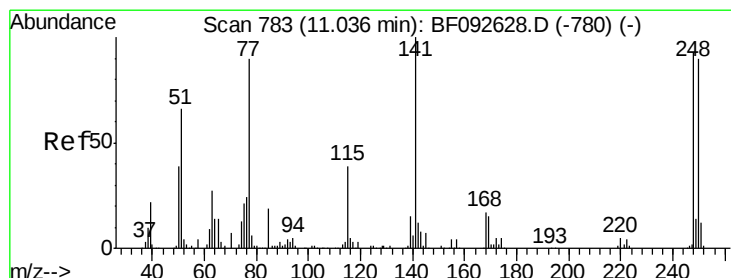
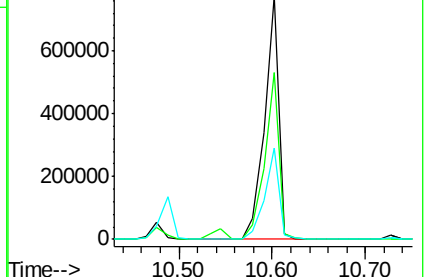
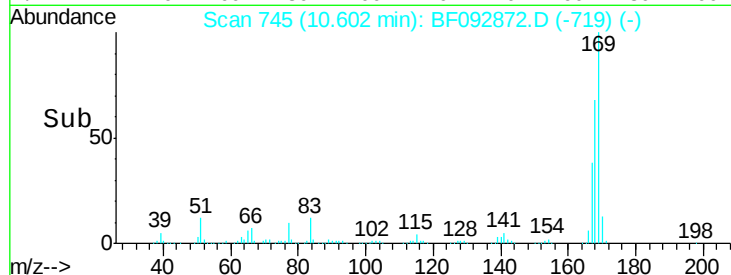
167 37.6 30.2 45.4



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: 46.52 ng

RT: 10.97 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

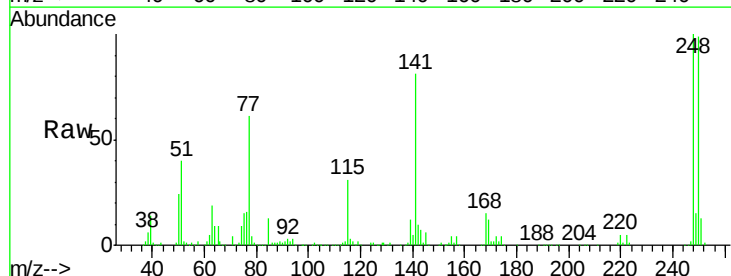
Tgt Ion:248 Resp: 273527

Ion Ratio Lower Upper

248 100

250 98.7 76.9 115.3

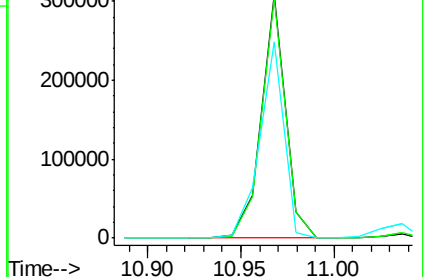
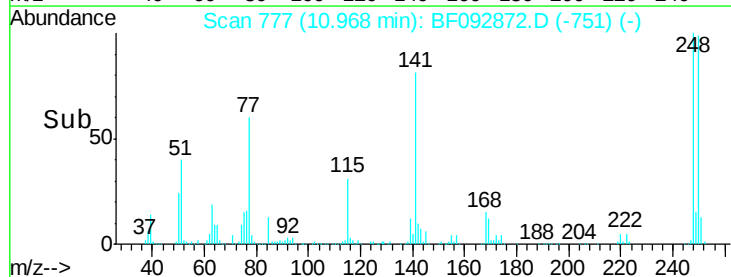
141 80.7 68.2 102.4



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

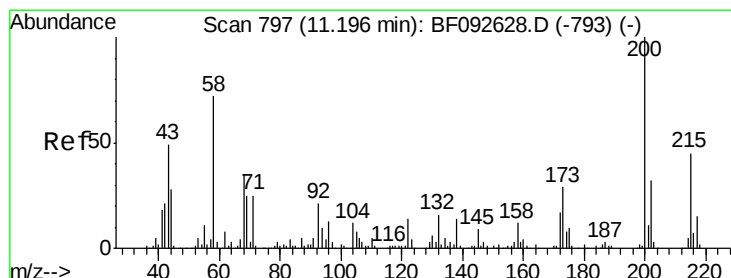
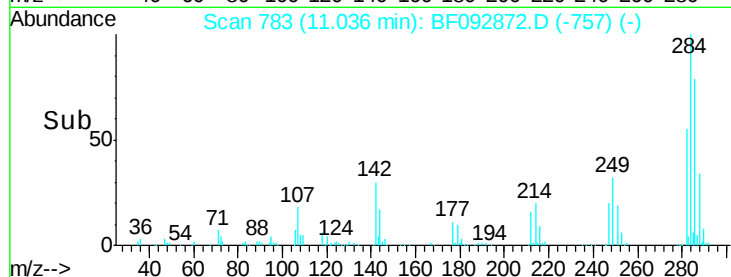
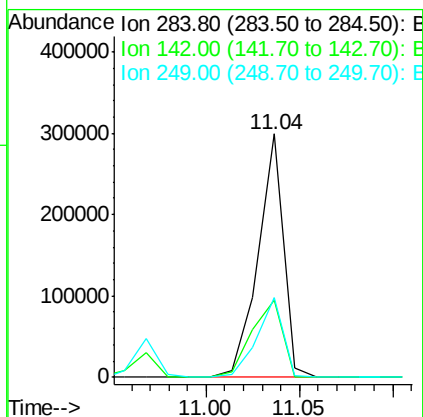
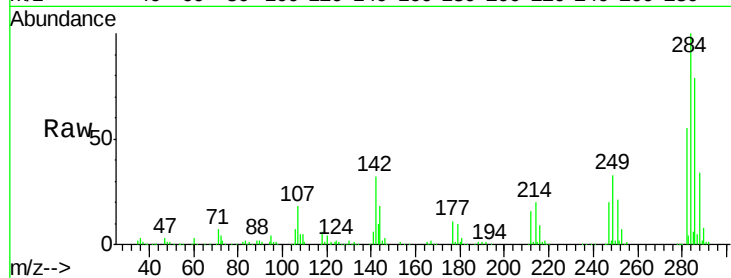




#67
Hexachlorobenzene
Concen: 49.13 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

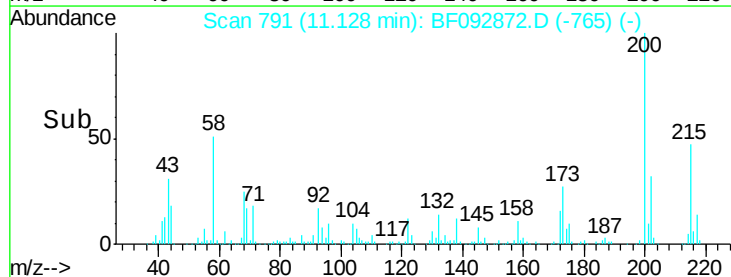
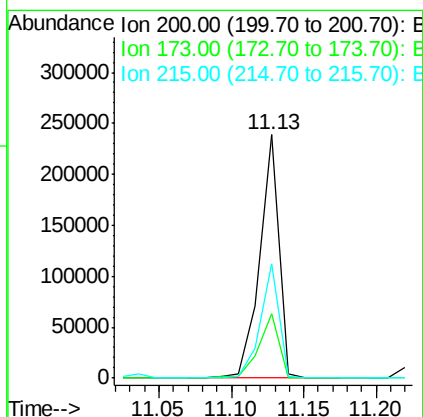
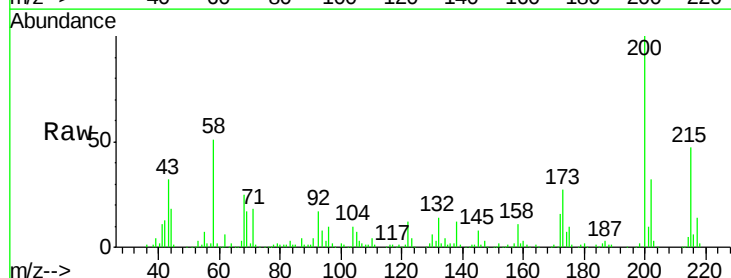
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

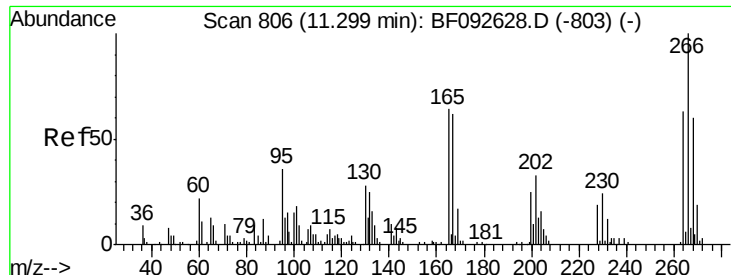
Tgt Ion:284 Resp: 285471
Ion Ratio Lower Upper
284 100
142 31.6 22.6 33.8
249 32.8 25.4 38.0



#68
Atrazine
Concen: 37.95 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion:200 Resp: 218942
Ion Ratio Lower Upper
200 100
173 26.7 9.6 49.6
215 46.8 25.7 65.7

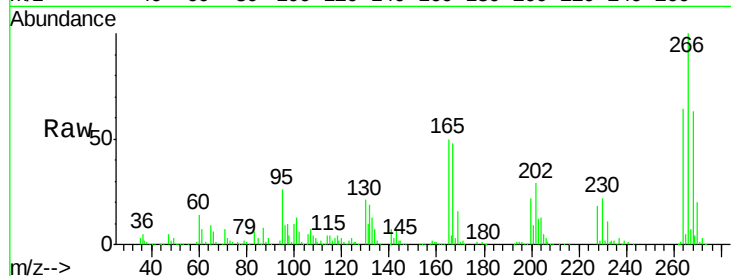




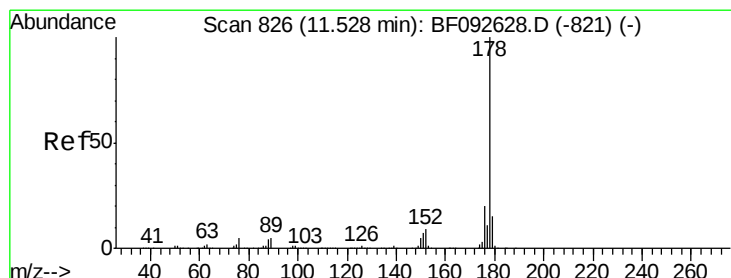
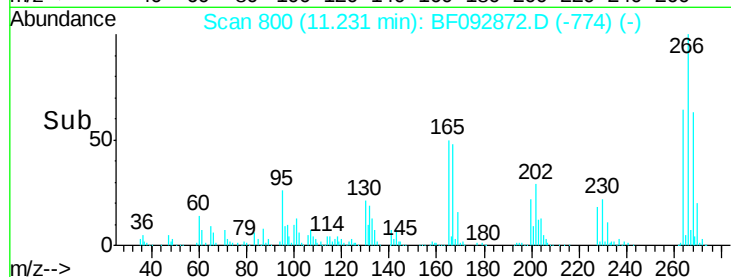
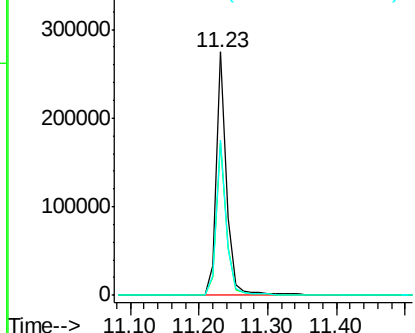
#69
 Pentachlorophenol
 Concen: 96.84 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Tgt Ion:266 Resp: 295450
 Ion Ratio Lower Upper
 266 100
 268 62.8 53.3 79.9
 264 64.0 50.3 75.5

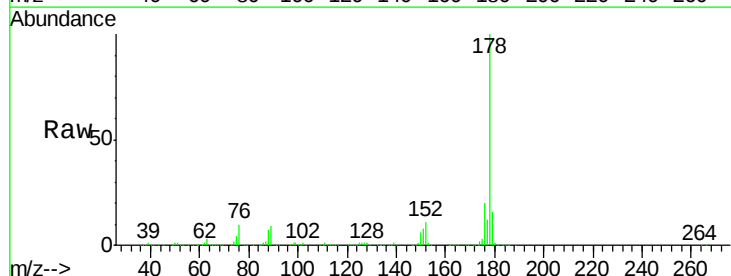


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

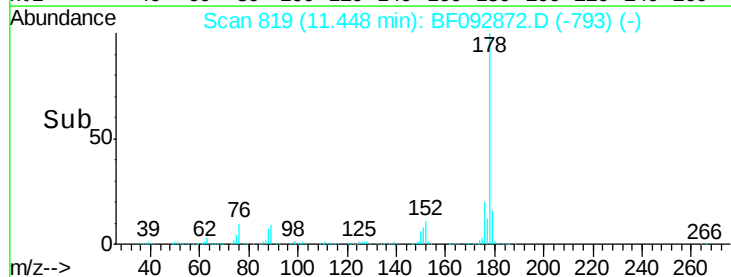
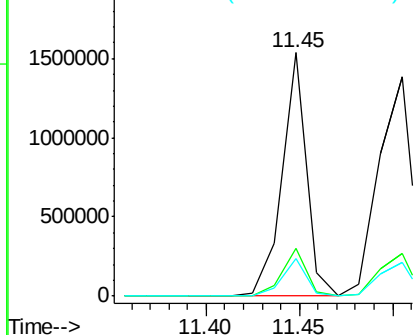


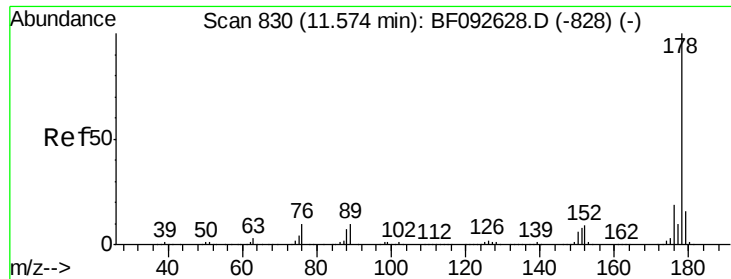
#70
 Phenanthrene
 Concen: 43.47 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Tgt Ion:178 Resp: 1401625
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.6 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

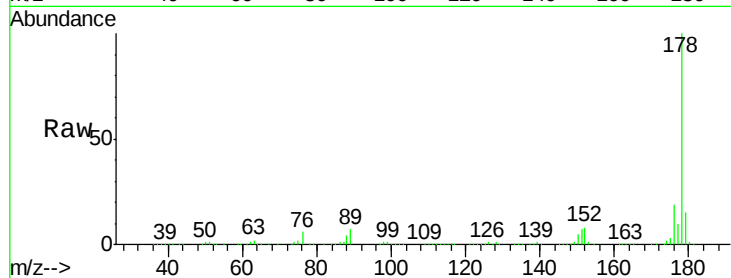




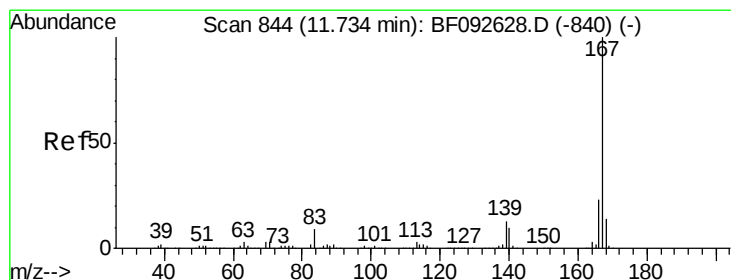
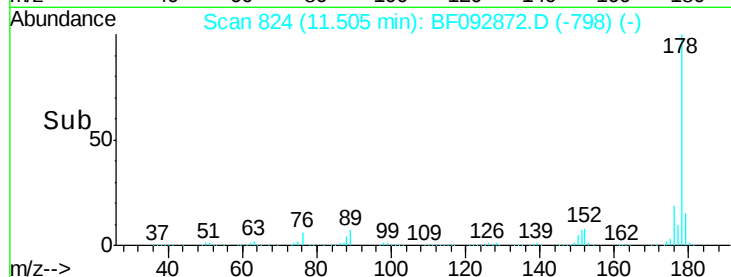
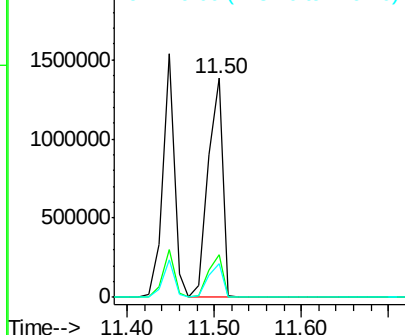
#71
 Anthracene
 Concen: 50.38 ng
 RT: 11.50 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Tgt Ion:178 Resp: 1631045
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.1 13.2 19.8

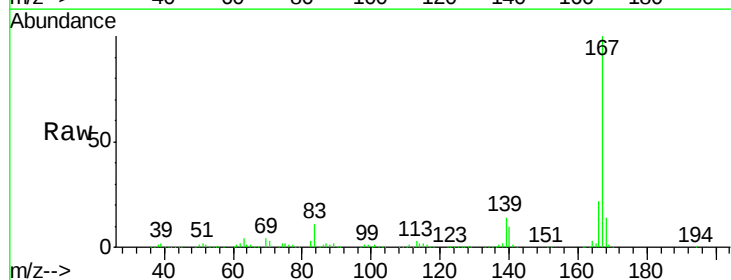


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

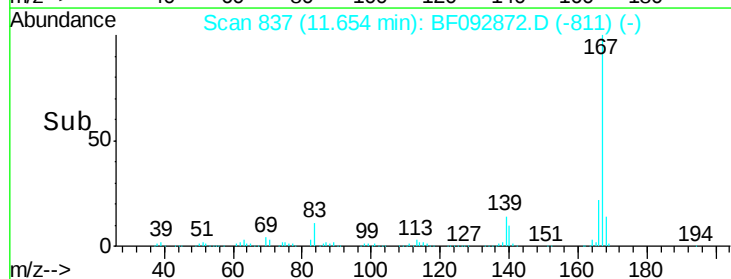
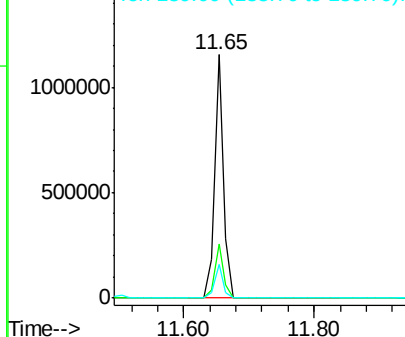


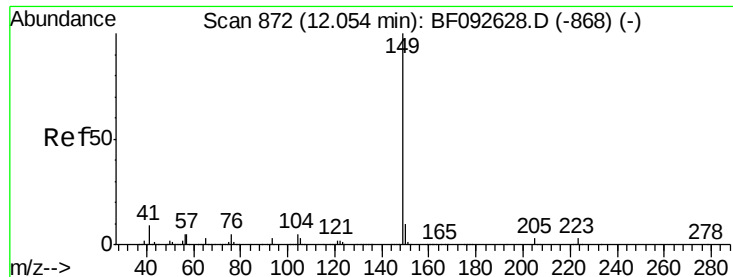
#72
 Carbazole
 Concen: 36.30 ng
 RT: 11.65 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Tgt Ion:167 Resp: 1123585
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 13.6 11.4 17.2



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: 53.52 ng

RT: 11.99 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

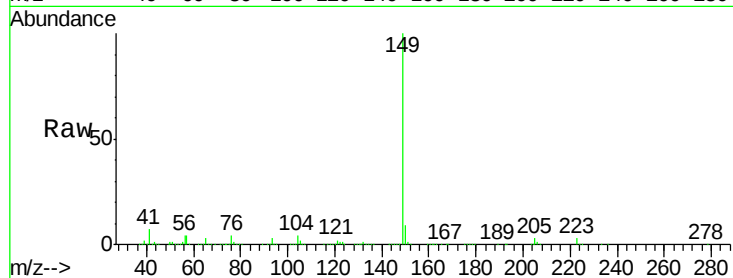
Tgt Ion:149 Resp: 1791525

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

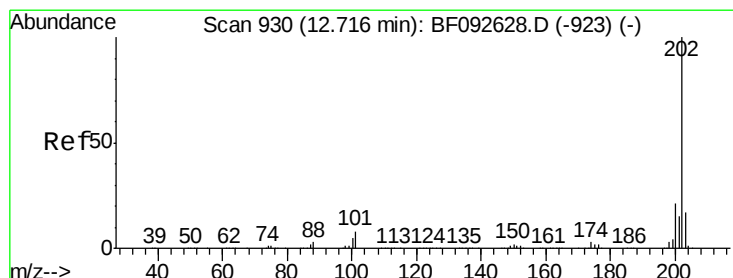
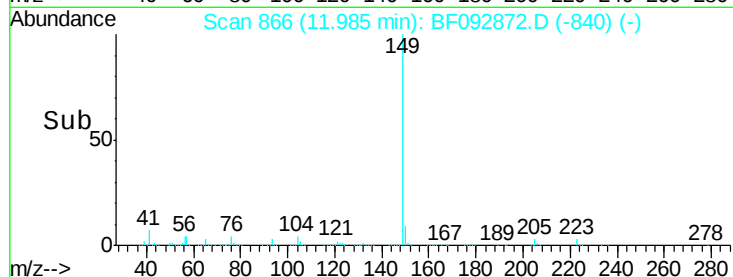
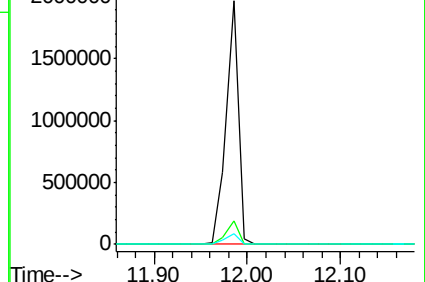
104 4.1 4.6 7.0#



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: 45.44 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

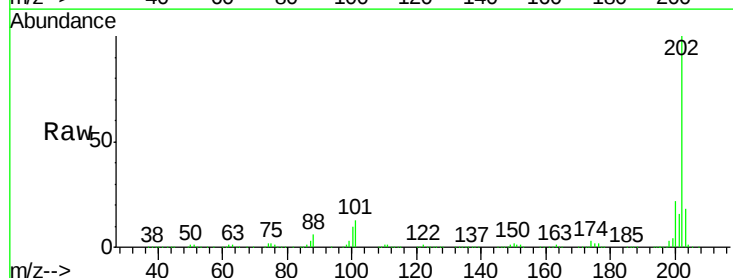
Tgt Ion:202 Resp: 1511344

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.6

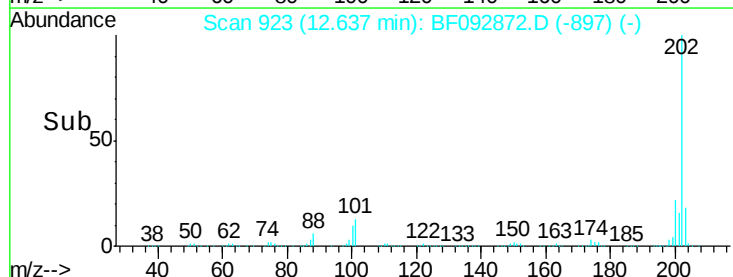
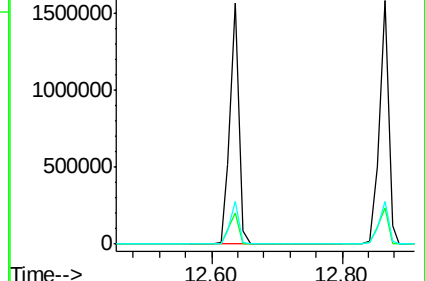
203 17.9 0.0 38.7

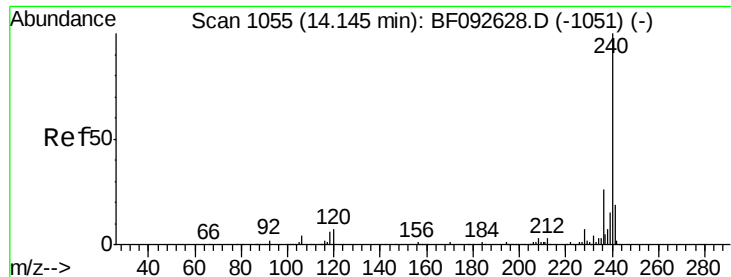


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

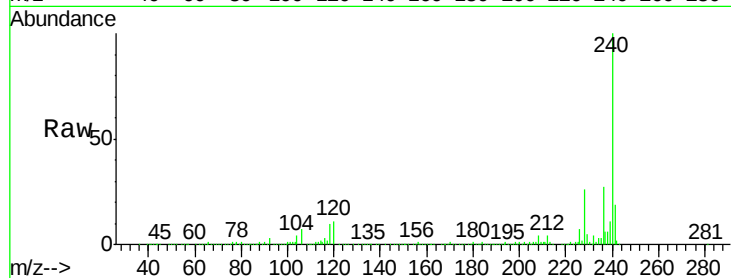
Tgt Ion:240 Resp: 495391

Ion Ratio Lower Upper

240 100

120 11.2 12.9 19.3#

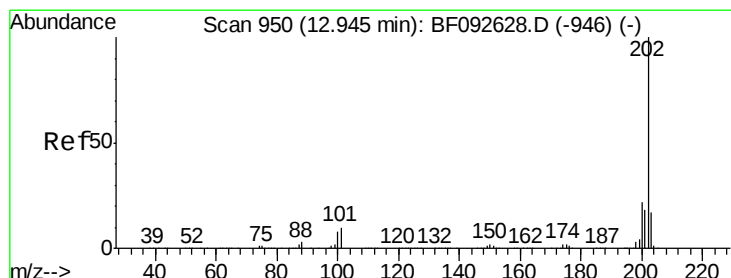
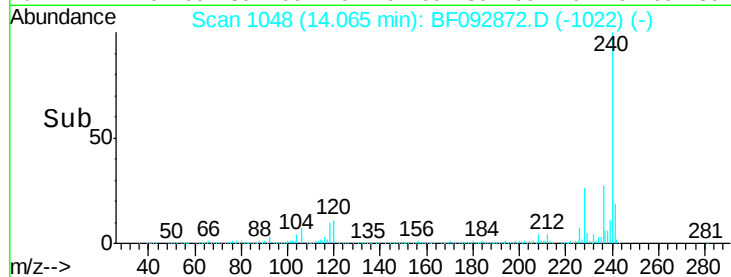
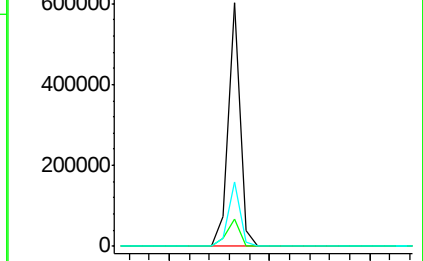
236 26.6 20.9 31.3



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



#77

Pyrene

Concen: 41.23 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

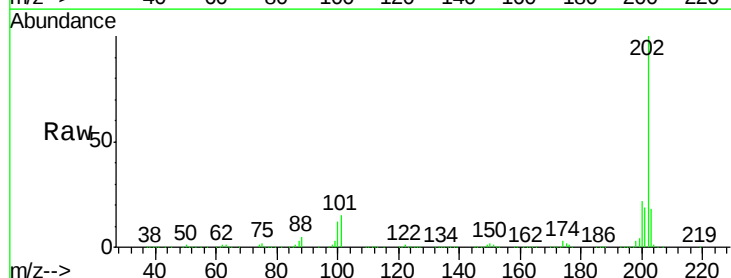
Tgt Ion:202 Resp: 1528363

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

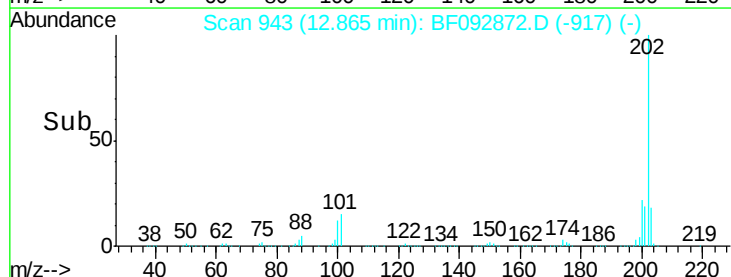
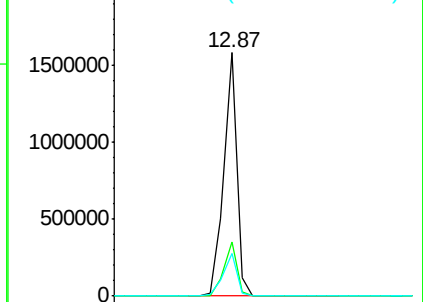
203 17.8 14.7 22.1

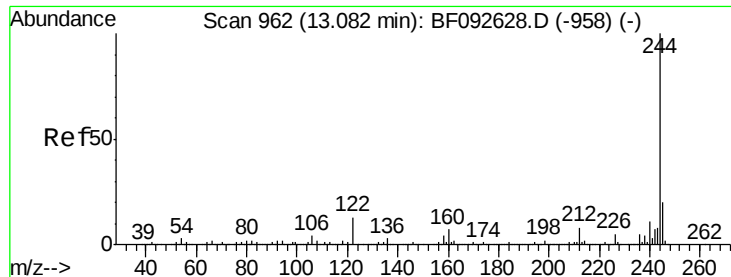


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 86.61 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

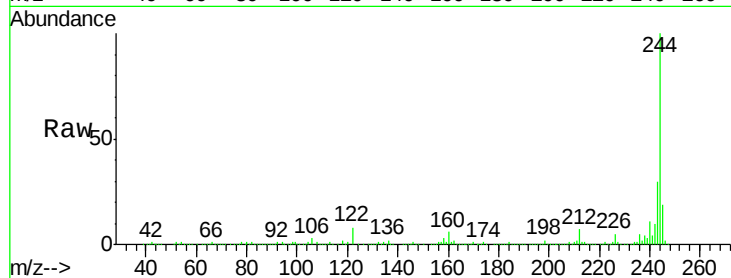
Tgt Ion:244 Resp: 1826004

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

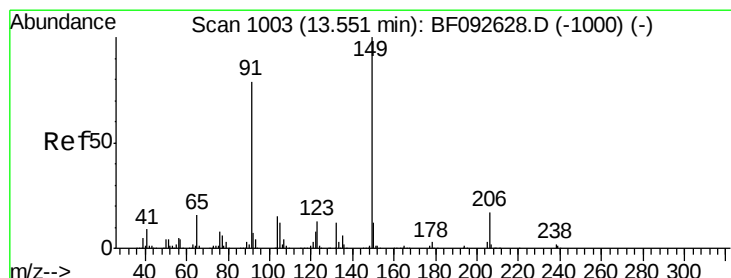
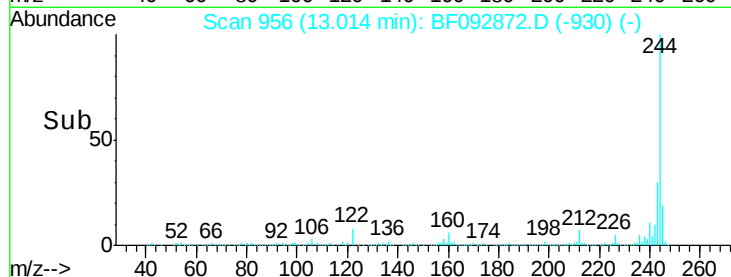
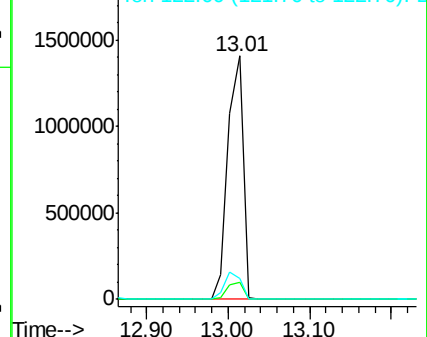
122 8.4 11.4 17.2#



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: 52.21 ng

RT: 13.48 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

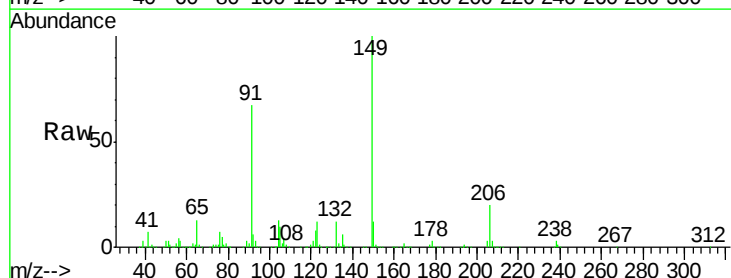
Tgt Ion:149 Resp: 785972

Ion Ratio Lower Upper

149 100

91 66.7 63.9 95.9

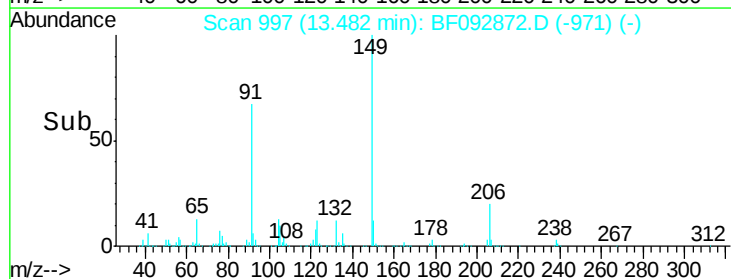
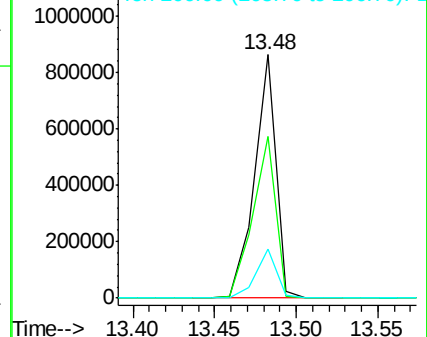
206 20.3 14.6 21.8

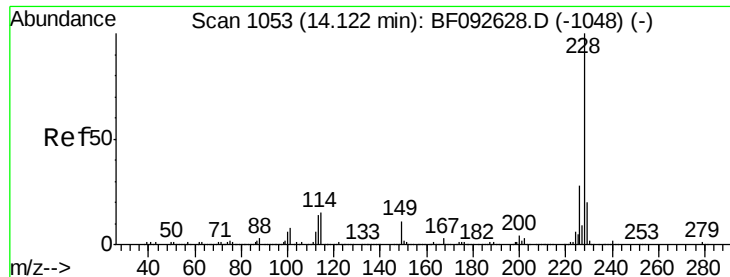


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 44.72 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

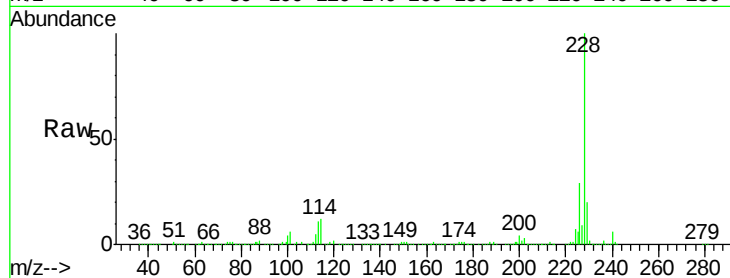
Tgt Ion:228 Resp: 1355099

Ion Ratio Lower Upper

228 100

226 28.7 22.4 33.6

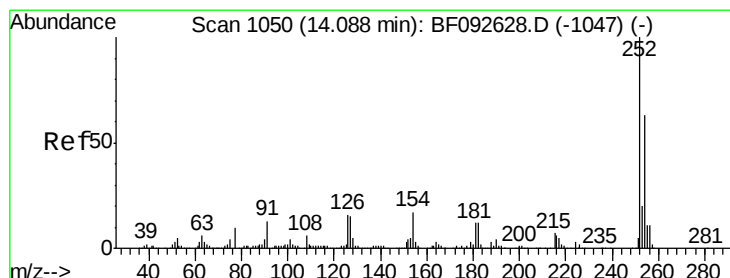
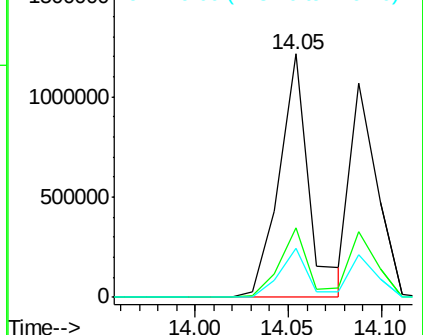
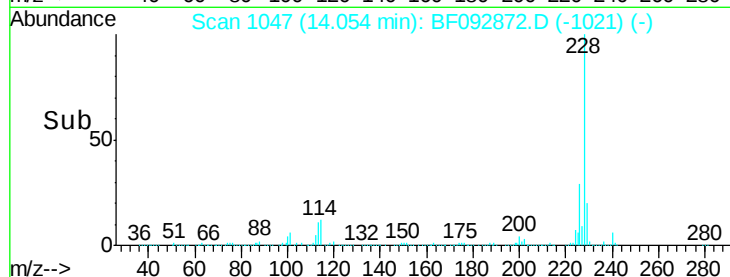
229 20.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 5.41 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

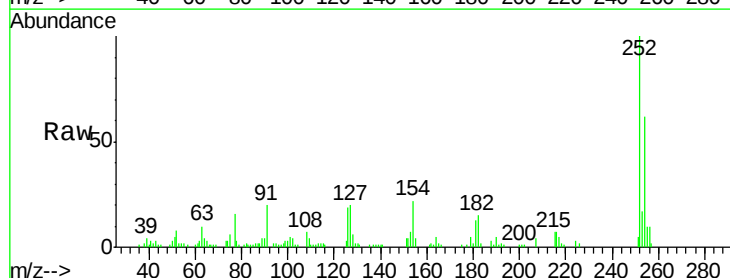
Tgt Ion:252 Resp: 58481

Ion Ratio Lower Upper

252 100

254 62.5 52.3 78.5

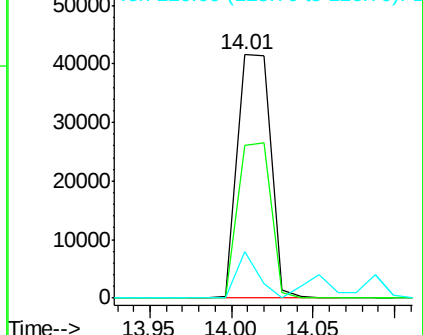
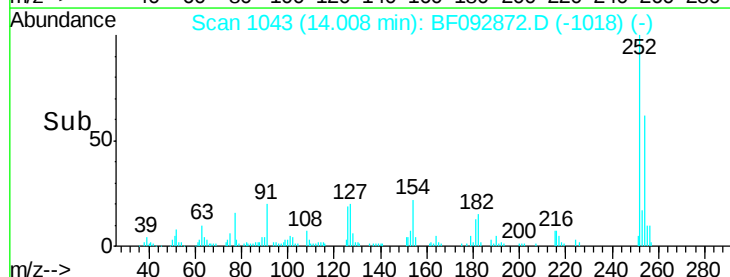
126 19.1 13.6 20.4

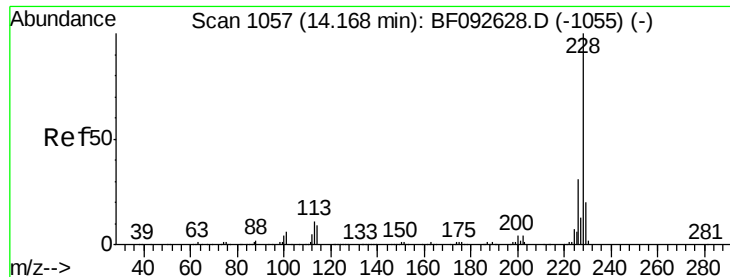


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 37.85 ng

RT: 14.09 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

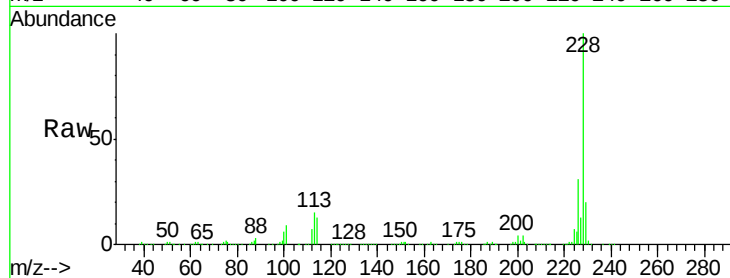
Tgt Ion:228 Resp: 1073853

Ion Ratio Lower Upper

228 100

226 30.6 25.4 38.0

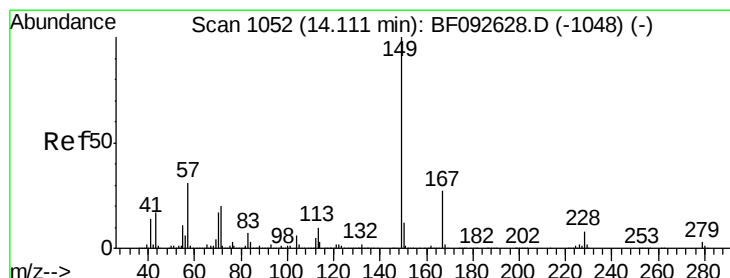
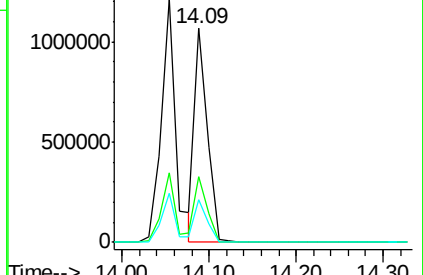
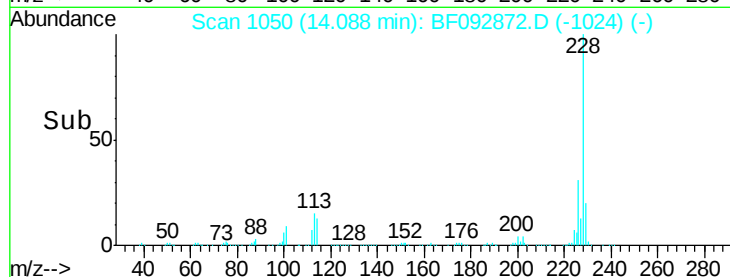
229 20.2 16.2 24.2



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: 50.94 ng

RT: 14.04 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

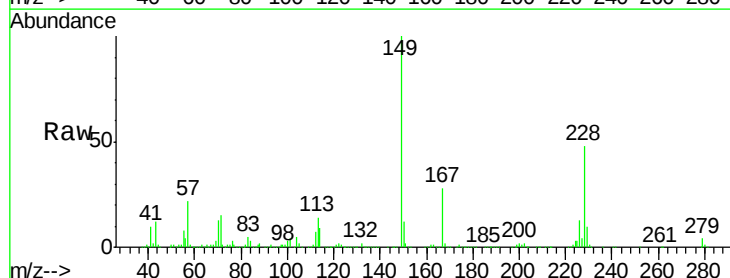
Tgt Ion:149 Resp: 1048847

Ion Ratio Lower Upper

149 100

167 27.9 20.2 30.4

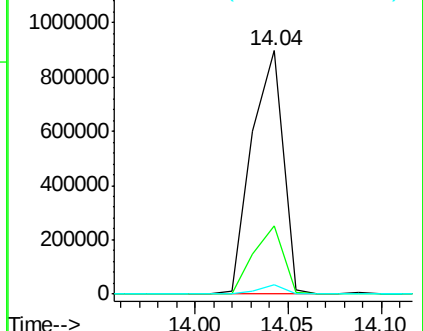
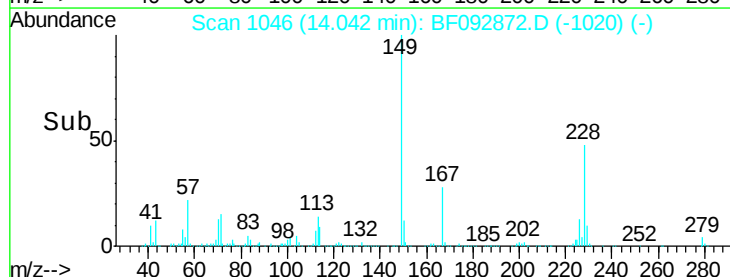
279 4.1 1.8 2.8#

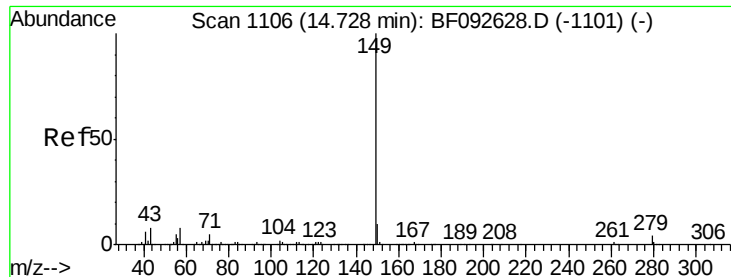


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 51.82 ng

RT: 14.65 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

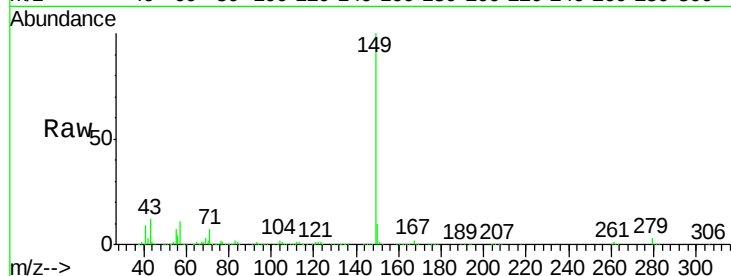
Tgt Ion:149 Resp: 1737422

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

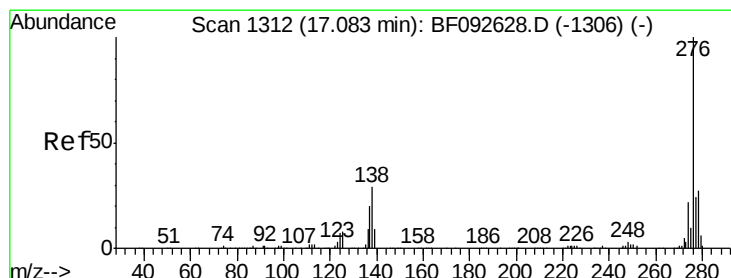
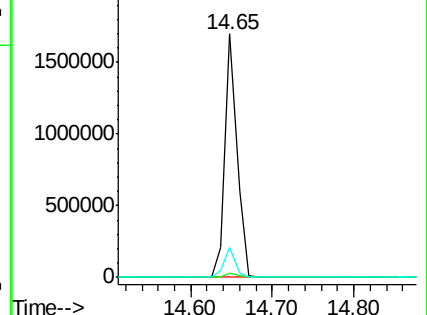
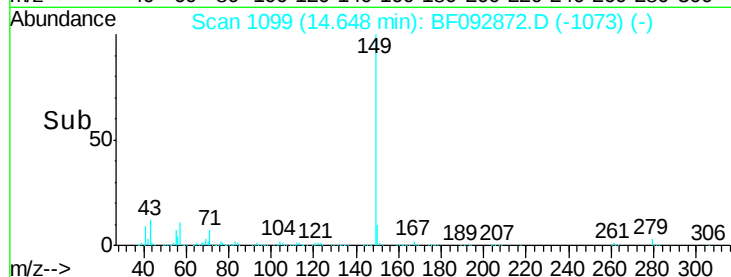
43 11.2 8.9 13.3



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: 52.34 ng

RT: 16.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

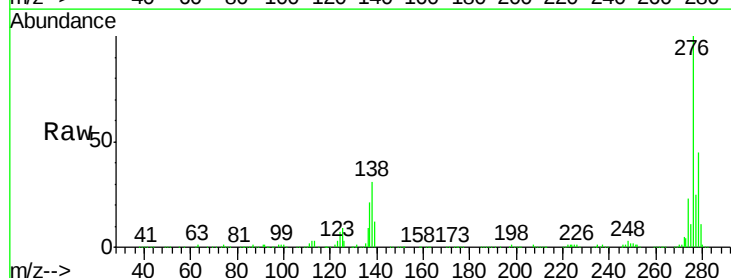
Tgt Ion:276 Resp: 1150010

Ion Ratio Lower Upper

276 100

138 31.7 21.8 32.6

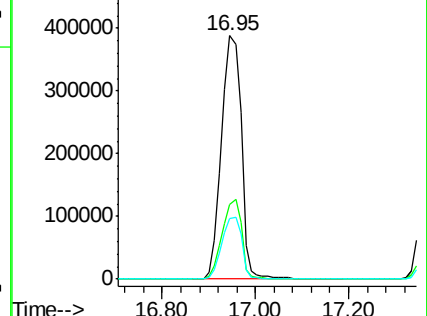
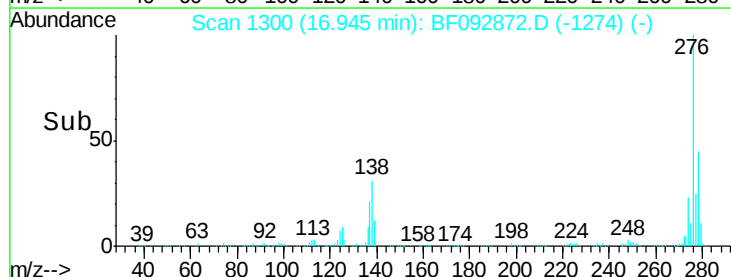
277 25.5 20.2 30.4

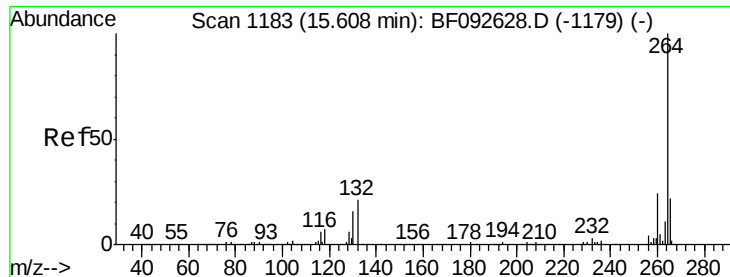


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

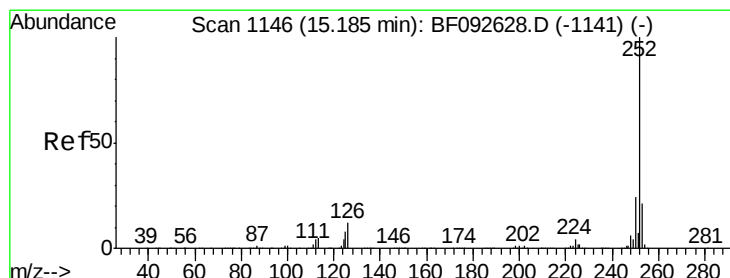
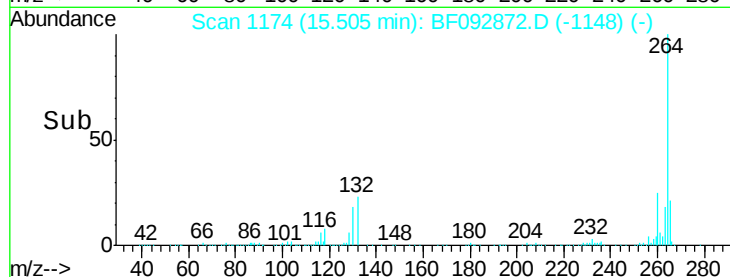
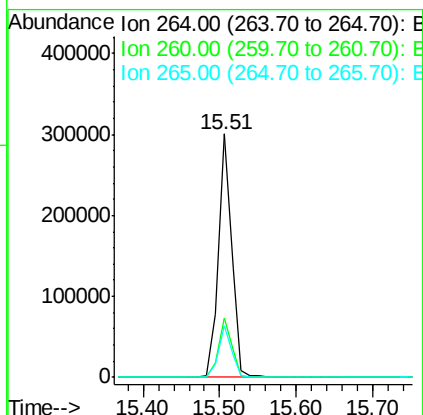
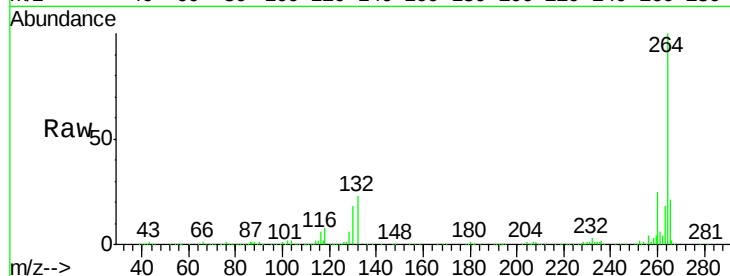




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

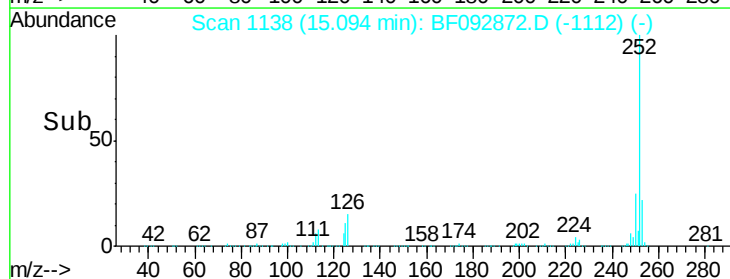
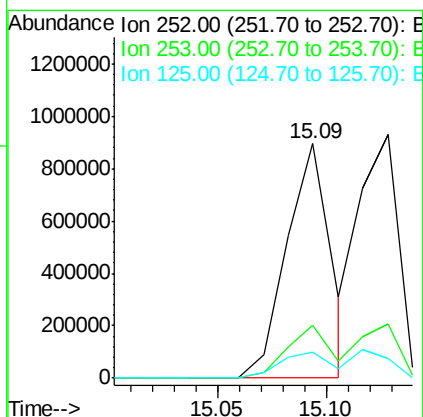
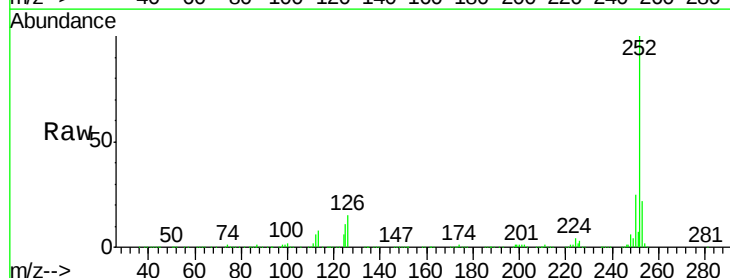
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

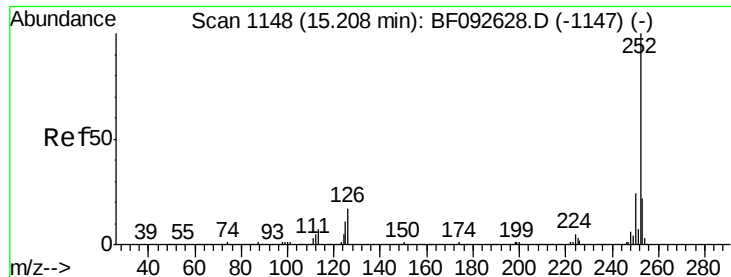
Tgt Ion: 264 Resp: 366215
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.4 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 52.37 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion: 252 Resp: 1262337
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 11.4 9.8 14.6

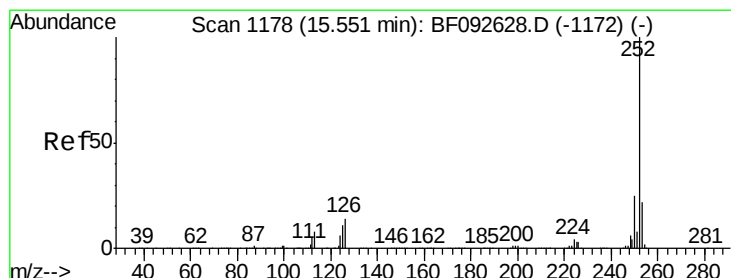
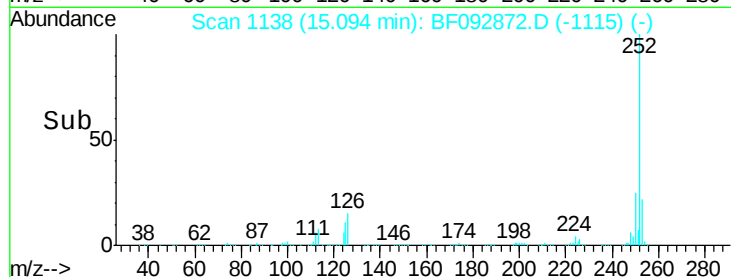
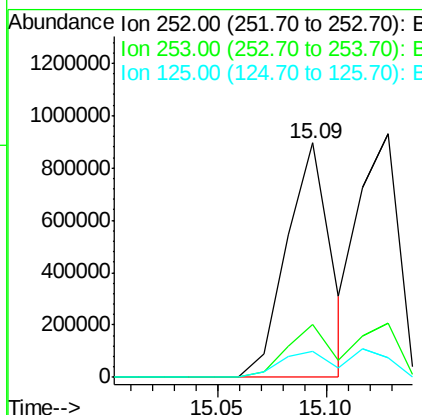
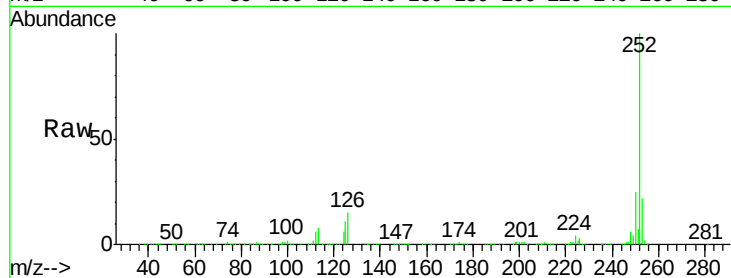




#88
Benzo(k)fluoranthene
Concen: 60.65 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

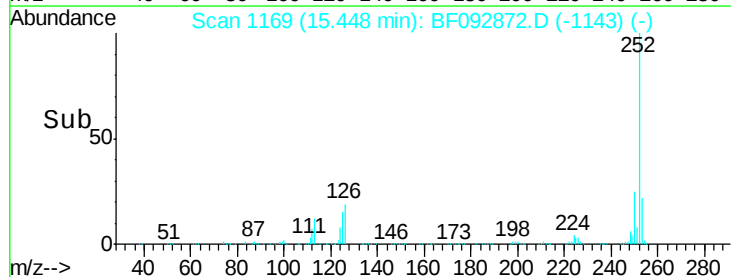
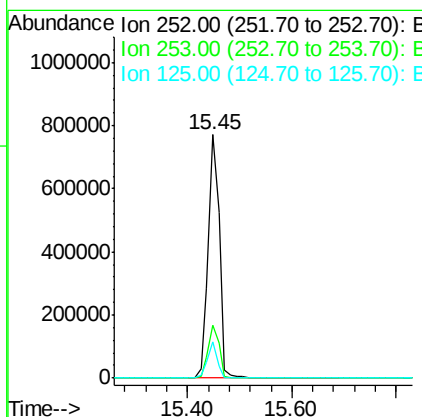
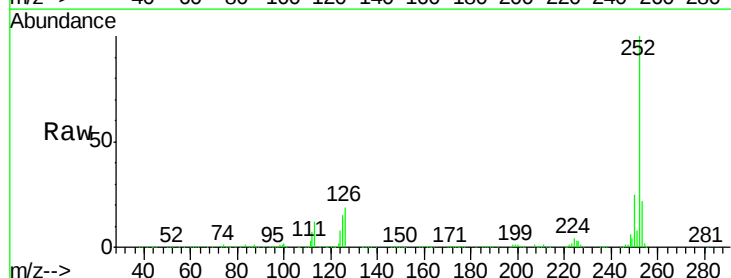
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

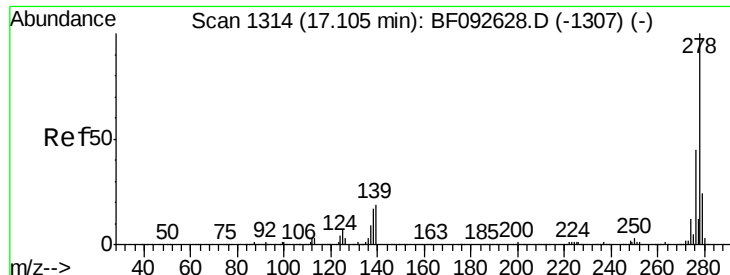
Tgt Ion:252 Resp: 1262337
Ion Ratio Lower Upper
252 100
253 22.4 18.5 27.7
125 11.4 8.9 13.3



#89
Benzo(a)pyrene
Concen: 54.85 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion:252 Resp: 1143689
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 14.6 10.0 15.0

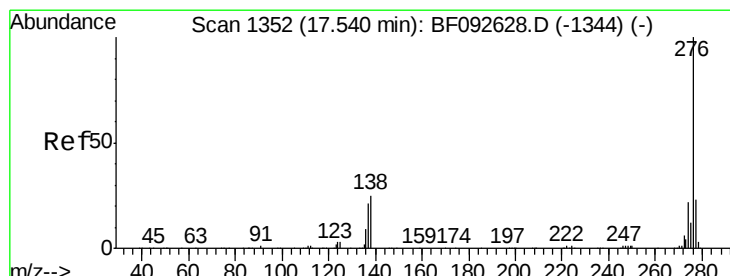
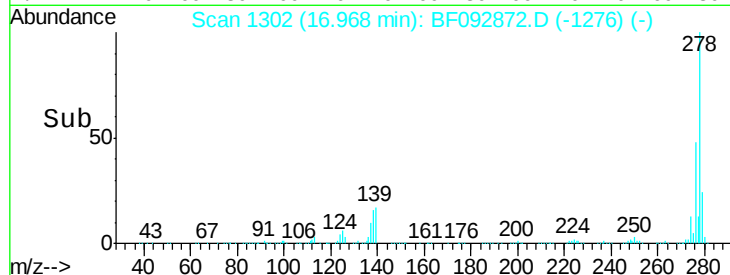
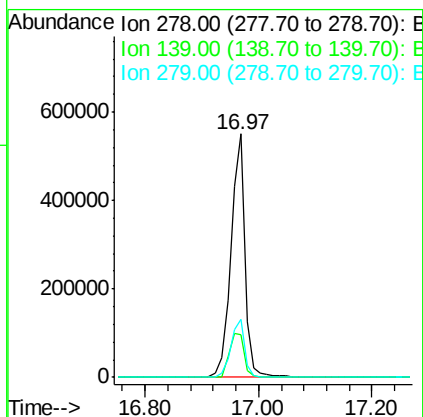
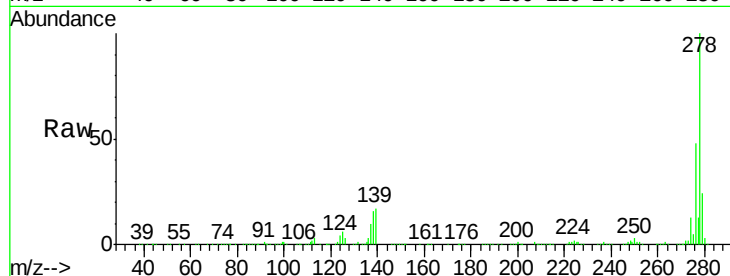




#90
Dibenzo(a,h)anthracene
Concen: 57.09 ng
RT: 16.97 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tgt Ion: 278 Resp: 962030
Ion Ratio Lower Upper
278 100
139 17.5 14.8 22.2
279 24.0 19.8 29.6



#91
Benzo(g,h,i)perylene
Concen: 57.22 ng
RT: 17.38 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion: 276 Resp: 974060
Ion Ratio Lower Upper
276 100
277 24.1 19.2 28.8
138 28.9 16.0 24.0#

